Institute of Oceanographic Sciences

Geophysical Studies of the European-North African Continental Margin, the Azores Triple Junction and the Azores Biscay Rise

Data collected by
R.R.S. "Discovery" Cruises 90 and 91
January - March 1978

I.O.S. DATA REPORT No.24
(1981)

FILE

GEOPHYSICAL STUDIES OF THE EUROPEAN-NORTH AFRICAN CONTINENTAL MARGIN, THE AZORES TRIPLE JUNCTION AND THE AZORES BISCAY RISE.

M.R.SAUNDERS

R.R.S. 'DISCOVERY' CRUISES 90 AND 91
20 JANUARY - 28 MARCH 1978

DATA REPORT No. 24

1981

Institute of Oceanographic Sciences
Wormley, Godalming, Surrey, GU8 5UB

This document describes geophysical data collected by the Geophysics Group of the Institute of Oceanographic Sciences (Wormley), and continues the series of I.O.S. Data Reports as shown overleaf. The series is intended to provide an efficient means of documenting the data not only for internal use but also for distribution to the scientific community.

On citing this report in a bibliography the reference should be followed by the words (Unpublished manuscript)

PREVIOUS REPORTS IN THIS SERIES

JONES M.T. 1972 Bathymetric and Magnetic Traverses in the area of Rockall Bank and Kings Trough; R.R.S. 'Discovery' Cruise 33, National Institute of Oceanography Data Report Geophysics 1 21pp and figs. (Unpublished manuscript).

JONES M.T. 1973 Bathymetric and Magnetic Traverses across the North Atlantic; N.C. Marcel Bayard, Cantat II Ocean Survey Cruise, National Institute of Oceanography Data Report Geophysics 2 24pp and figs.(Unpublished manuscript).

OLLIFF N.J. 1973 'GLORIA' in Peake and Freen Deeps and on the Azores-Gibralta Rise; R.R.S. 'Discovery' Cruise 43, National Institute of Oceanography Data Report Geophysics 3 20pp and figs. (Unpublished manuscript).

OLLIFF N.J. 1973 Bathymetric and Magnetic Traverses over the Rockall Plateau; R.R.S. 'Discovery' Cruise 47, National Institute of Oceanography Data Report Geophysics 4 20pp and figs. (Unpublished manuscript).

MILES P.R. 1976 'GLORIA' studies of the Mid-Atlantic Ridge (FAMOUS area) and the Azores-Gibraltar Plate Boundary; 'Discovery' Cruise 54, Institute of Oceanographic Sciences Data Report No. 8 22pp and figs. (Unpublished manuscript).

MILES P.R. 1976 Bathymetric and Magnetic Traverses over the South West Margin of the Rockall Plateau; R.R.S 'Discovery' Cruise 60, Institute of Oceanographic Sciences Data Report No. 9 23pp and figs. (Unpublished manuscript).

MILES P.R. 1977 'GLORIA' and Geophysical Studies of the Mid-Atlantic Ridge and North of the Azores; R.R.S. 'Discovery' Cruise 73, Institute of Oceanographic Sciences Data Report No. 12 23pp and figs. (Unpublished manuscript)

MILES P.R. and SAUNDERS M.R. 1978 Geophysical Studies of the Gulf of Aden, Gulf of Oman and Owen Basin (Arabian Sea); R.R.S 'Shackleton' Cruise 3,4/75, Institute of Oceanographic Sciences Data Report No. 13 16pp and figs. (Unpublished manuscript).

MILES P.R. and SAUNDERS M.R. 1980 Geophysical Studies of South West Biscay and the Continental Margins of the Southwest Appproaches (North Biscay); R.R.S. 'Discovery' Cruise 74 leg 2 and R.R.S. 'Shackleton' Cruise 6/76, Institute of Oceanographic Sciences Data Report No.16 10pp and figs. (Unpublished manuscript).

MILES P.R. and SAUNDERS M.R. 1980 'GLORIA' and Geophysical Studies of the Charlie Gibbs fracture zone, the Reykjanes Ridge and Kings Trough; R.R.S. 'Discovery' Cruise 84, Institute of Oceanographic Sciences Data Report No.21 10pp and figs. (Unpublished manuscript).

ABSTRACT

This report contains magnetic, bathymetric, gravity , seismic reflection data and GLORIA sonograph mosaics, collected during R.R.S. 'Discovery' Cruises 90 and 91 in January - March 1978. The profiles, tables and track charts were all generated from data files stored on discs by the shipboard IBM 1800 computer. Included in the report is a reference to methods used in data acquistion and preperation.

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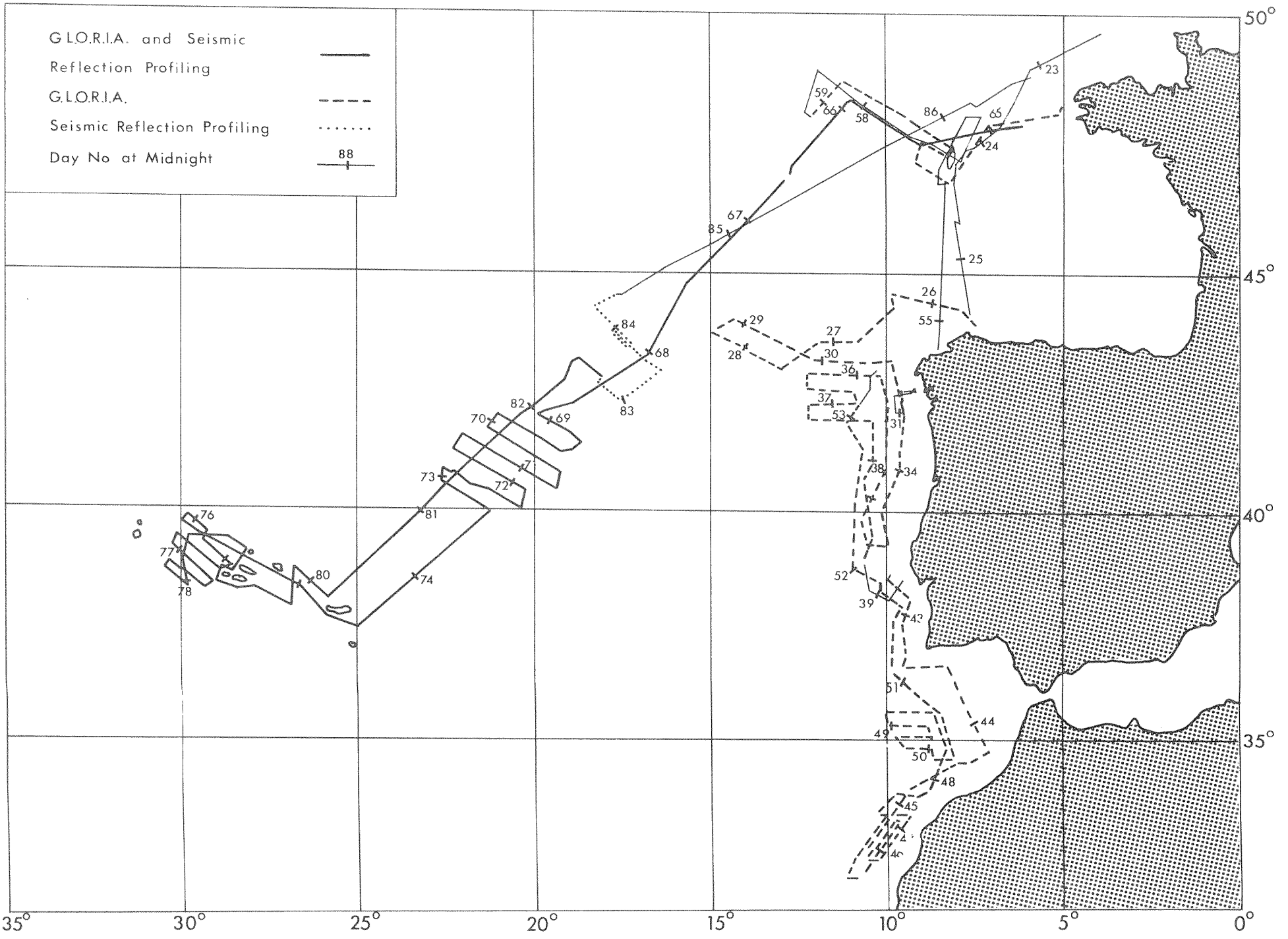
B : 1:1 000 000 Track Charts

C : Data lists

D : Station Posititon Tables

E : 'GLORIA' sonograph mosaics

Profile Location Sheet - inside back cover


G.L.O.R.I.A. and Seismic Reflection Profiling
G.L.O.R.I.A.
Seismic Reflection Profiling
Day No at Midnight
88
50°
45°
40°
35°
35°
30°
25°
20°
15°
10°
5°
0°
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INTRODUCTION

For details and objectives of DISCOVERY Cruises 90/91 reference should be made to the Cruise Reports (ROBERTS et al, 1978 and SEARLE et al, 1978)

Details of scientific instrumentation and data aquisition aboard R.R.S. Discovery can be found in an earlier Data Report (Miles, 1977)

Gravity data reduction:

(1) The Geodetic Reference System 1967

(2) The International Gravity Standardisation Net 1971(I.G.S.N.71)

Magnetic data reduction:

International Geomagnetic Reference Field 1965

DATA PRESENTATION

Owing to the large amount of data, the data files have been reduced and presented as follows:

(a) Summerised listings of edited data
(b) Profiles of edited data

It is intended that when used in conjuction with the 1:1000000 track chart this data should be suitable for incorporation into compilation charts or for further computer orientated calculations. For a more direct scientific interpretation of data, the 1:2400000 profiles are supplemented with a track chart at the same scale overlayed on a bathymetric chart. Reduced copies of the original P.E.S. or S.R.P. records are also included in the report to enable study of the bathymetry in more detail than is given by either the profiles or listings.

(1) Profile Location Sheet
The ships track has been manually prepared on a bathymetric chart of 1:2400000 at a standard latitude of 41 degrees north. Except for the 500 metre contour, the contour interval is 1000 metres, which illustrates the the prominent features of the sea floor relief and provides a context in which to study the profiles presented in section A. The profiles have been plotted at the same distance scales as the profile location sheet and are identifed on the track by a circular figure representing the start of each profile. Changes in day number are also shown on the tracks by a mark at 0000 hours annotated with the new day number.
Coverage of 'GLORIA' sonographs is shown along the track.

(2) Section A
This section contains data profiles together with reduced copies of the original S.R.P. records, or P.E.S. records where seismic profiling is not available.
Magnetic anomaly, corrected depth, free air gravity anomaly, course-made-good and speed-made-good were plotted from edited data files. The profiles are each plotted against distance run along the ships track from the start of a leg, the distance being scaled to 1:2400000 and ajusted for mercator exageration, enabling the profiles to be overlayed on the profile location sheet. A time axis in GMT is also included so that the profiles can be correlated with the data listings in section C and S.R.P/P.E.S. records on the accompaning facing page, which are recorded against time and not distance. The S.R.P/P.E.S. records are annotated with hour marks and two way travel time in seconds or depth phase in metres respectively.

The parameters for the profiles are:

Speed made good	Kilometres/hour
Distance	Kilometres
Course made good	Degrees
Corrected depth	Metres
Magnetic anomaly	Gammas
Gravity anomaly	Milligals

(3) Section B
This section contains navigation track charts generated by computer. The tracks were plotted from two minute positions and are scaled at 1:1000000 at the standard latitude. Each hour is marked on the track, annotated with hour and day number every six hours. The postions of accepted satellite fixes are annotated in hours and minutes

(4) Section C
This section contains listings of edited data at six minute intervals with additional Julan day numbers.

(5) Section D
Station postion tables.

(6) Section E
This section contains 'GLORIA' sonograph mosaics of survey areas. For further sonograph details the principal scientist of the cruise should be consulted.

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SECTION A

1:2 400 000 PROFILES OF DATA AND S.R.P./P.E.S. RECORDS

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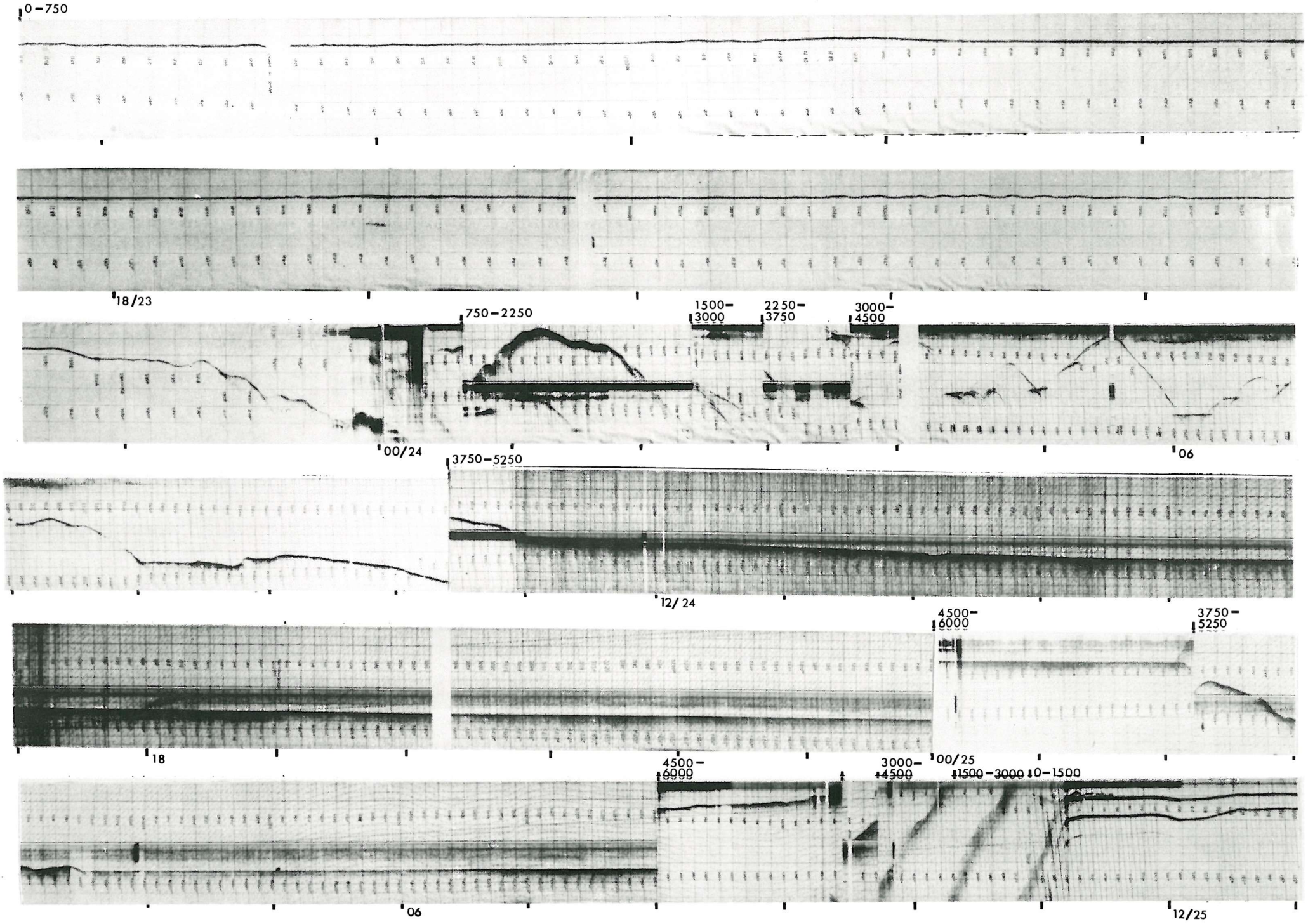
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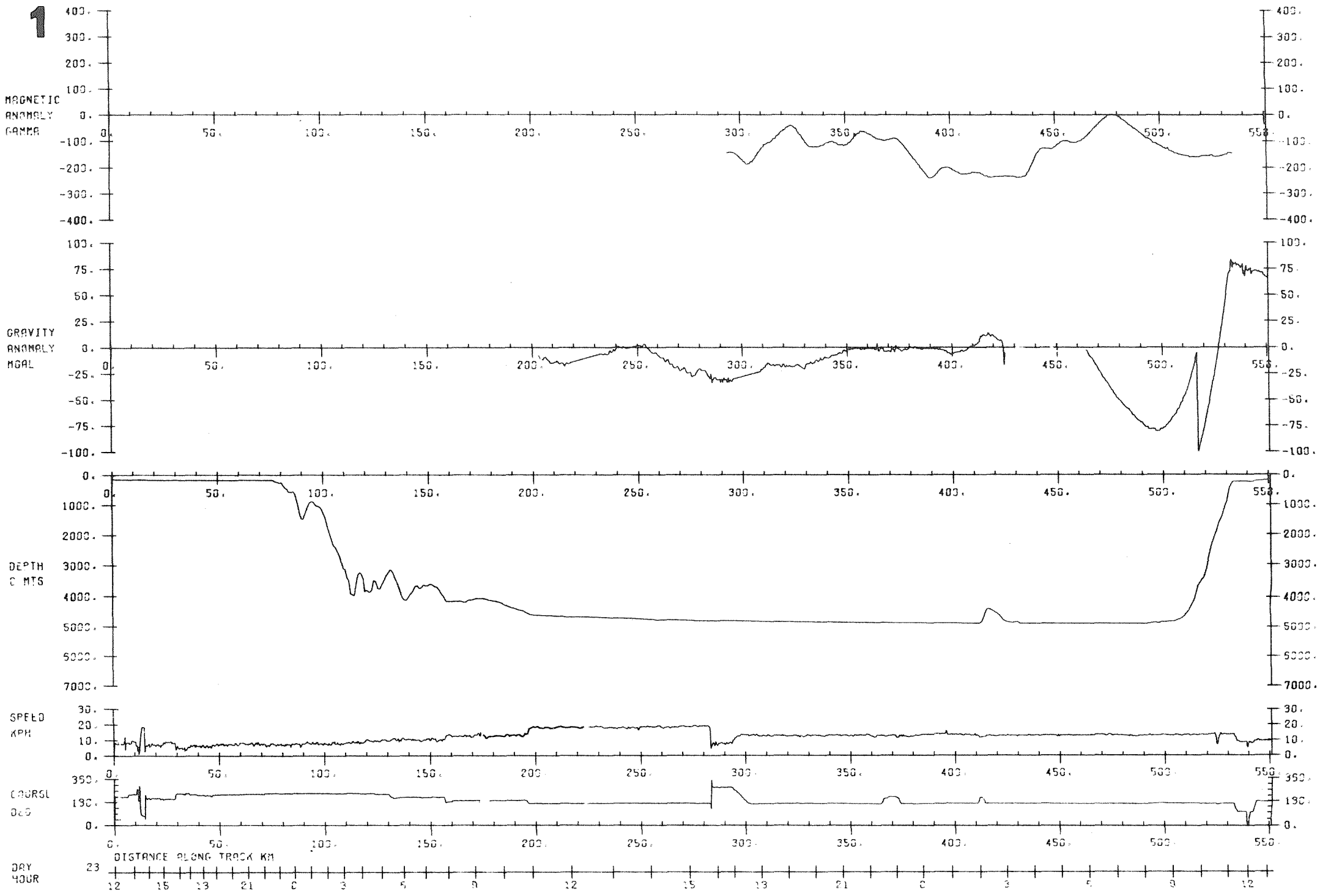
12/25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100.
150.
200.
250.
300.
350.
400.
450.
500.
550.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
COURSE DEG
360.
180.
DISTANCE ALONG TRACK KM
DAY HOUR
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12
15
18
21
0
3
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9
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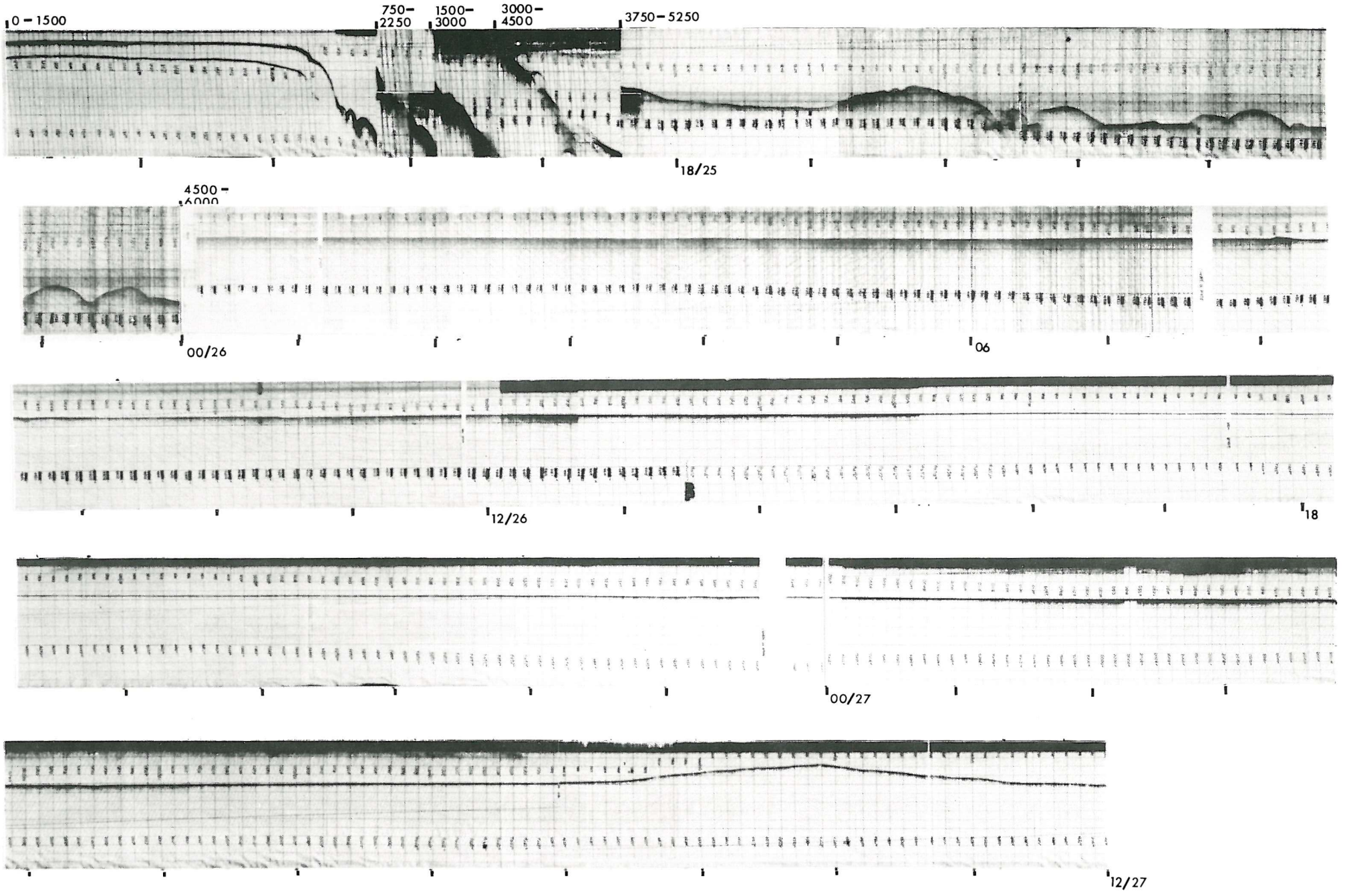
3
6
9
12

2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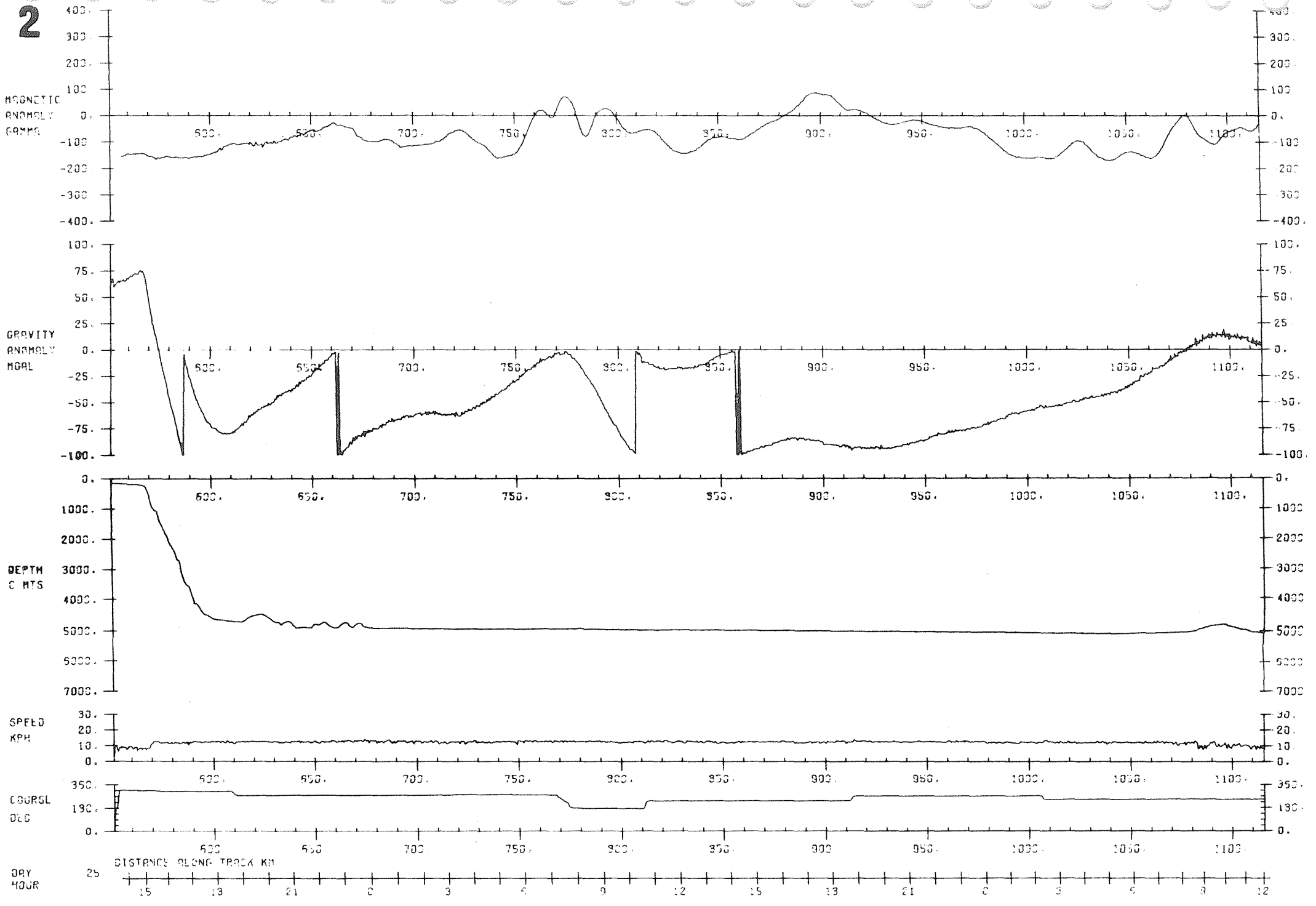
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1000.
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-50.
-75.
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3000.
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7000.
SPEED KPH
30.
20.
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DAY HOUR
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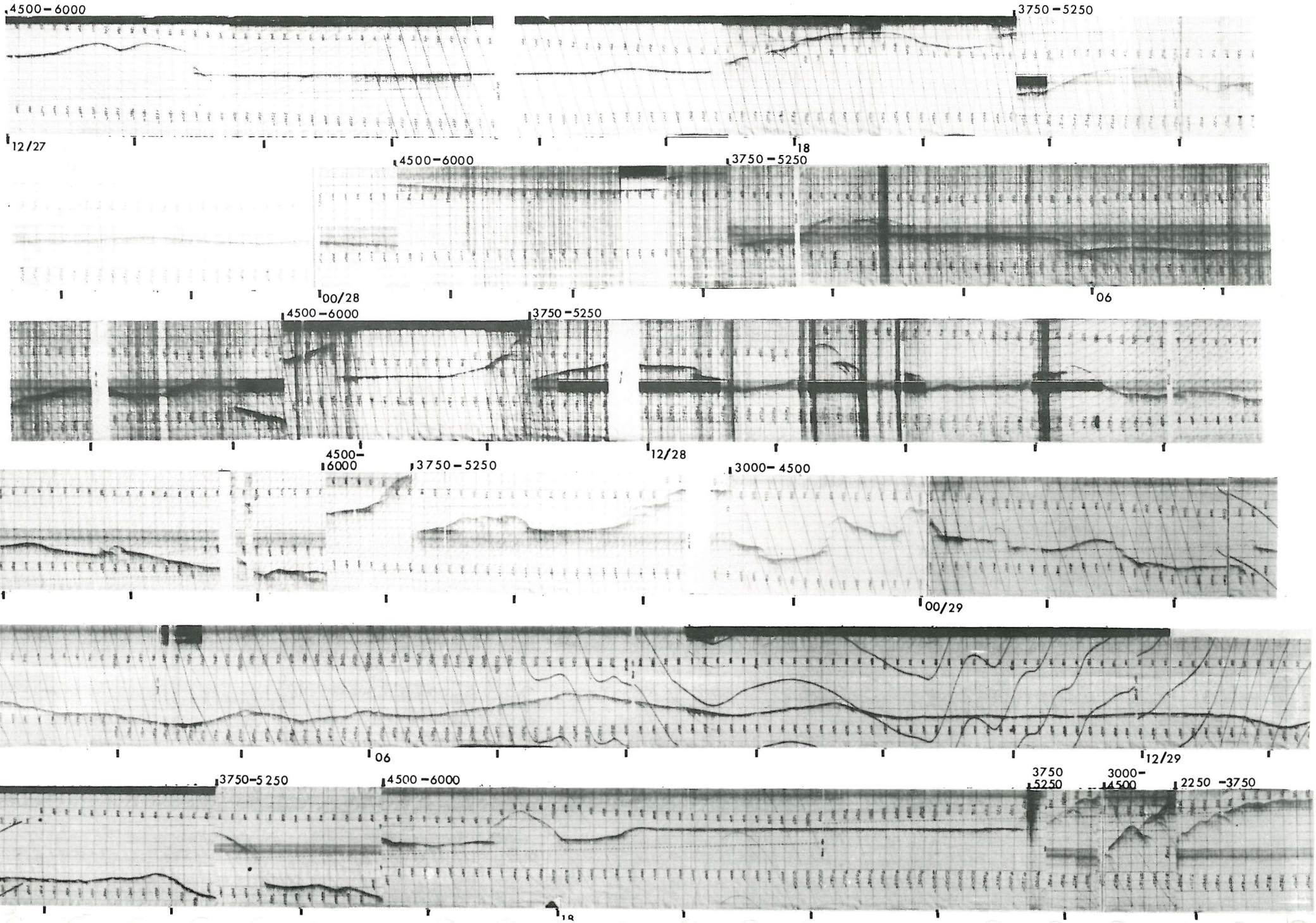
3
6
9
12
DISTANCE ALONG TRACK KM

3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12/27
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4500 – 6000
3750 – 5250
00/28
06
4500 – 6000
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12/28
4500 – 6000
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00/29
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12/29
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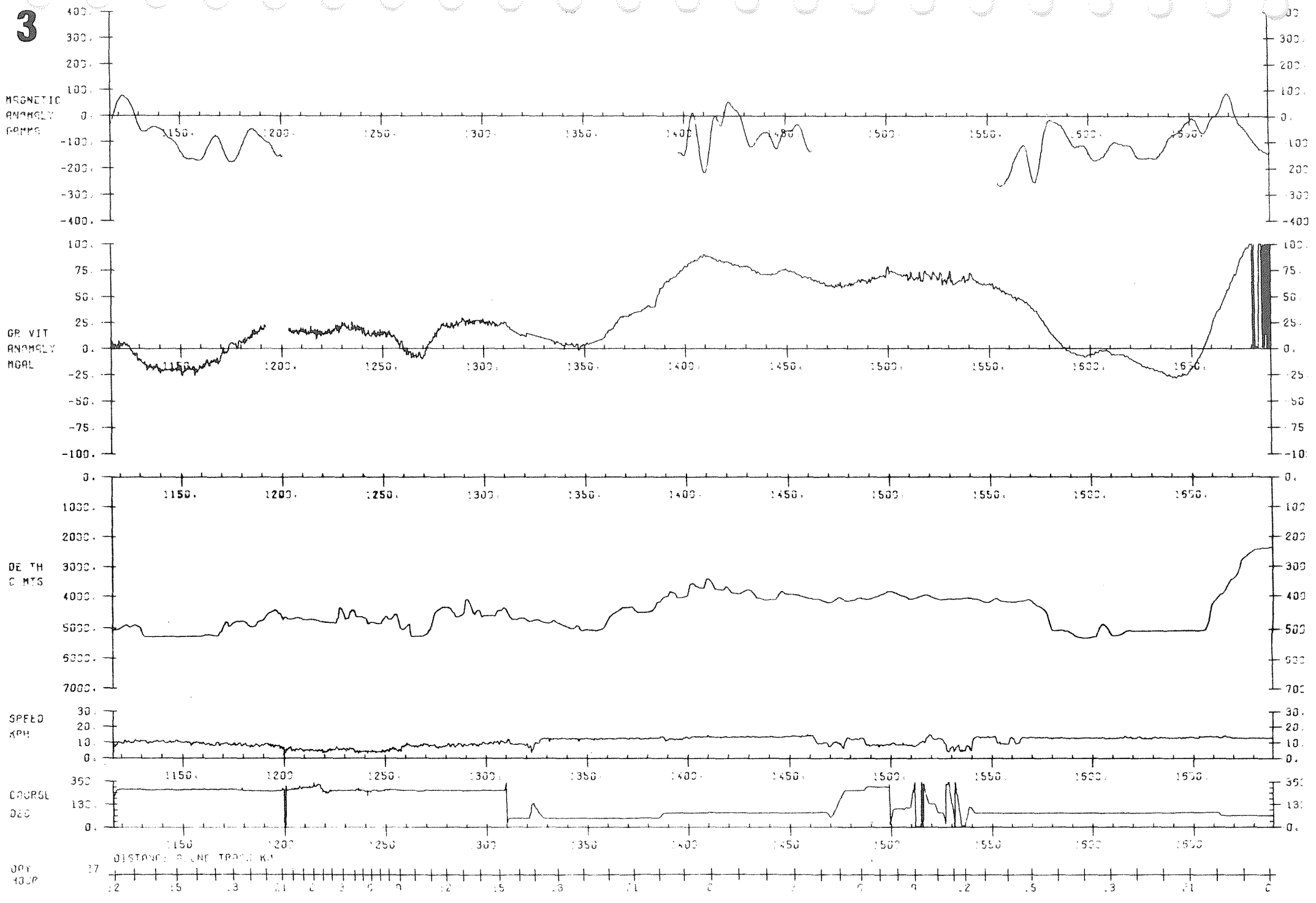
3000 – 4500
2250 – 3750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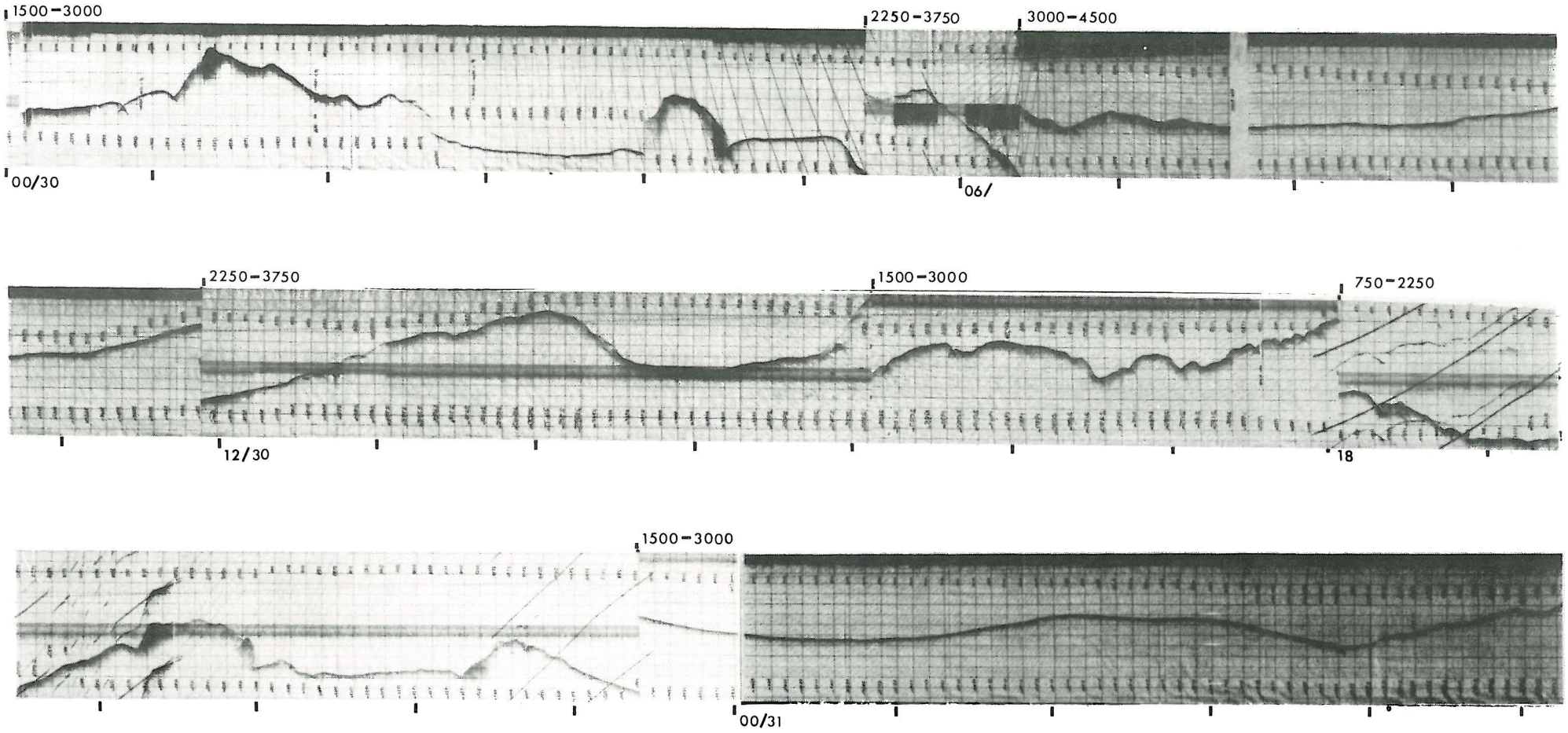
COURSE DEG
DAY HOUR
DISTANCE ALONG TRACK KM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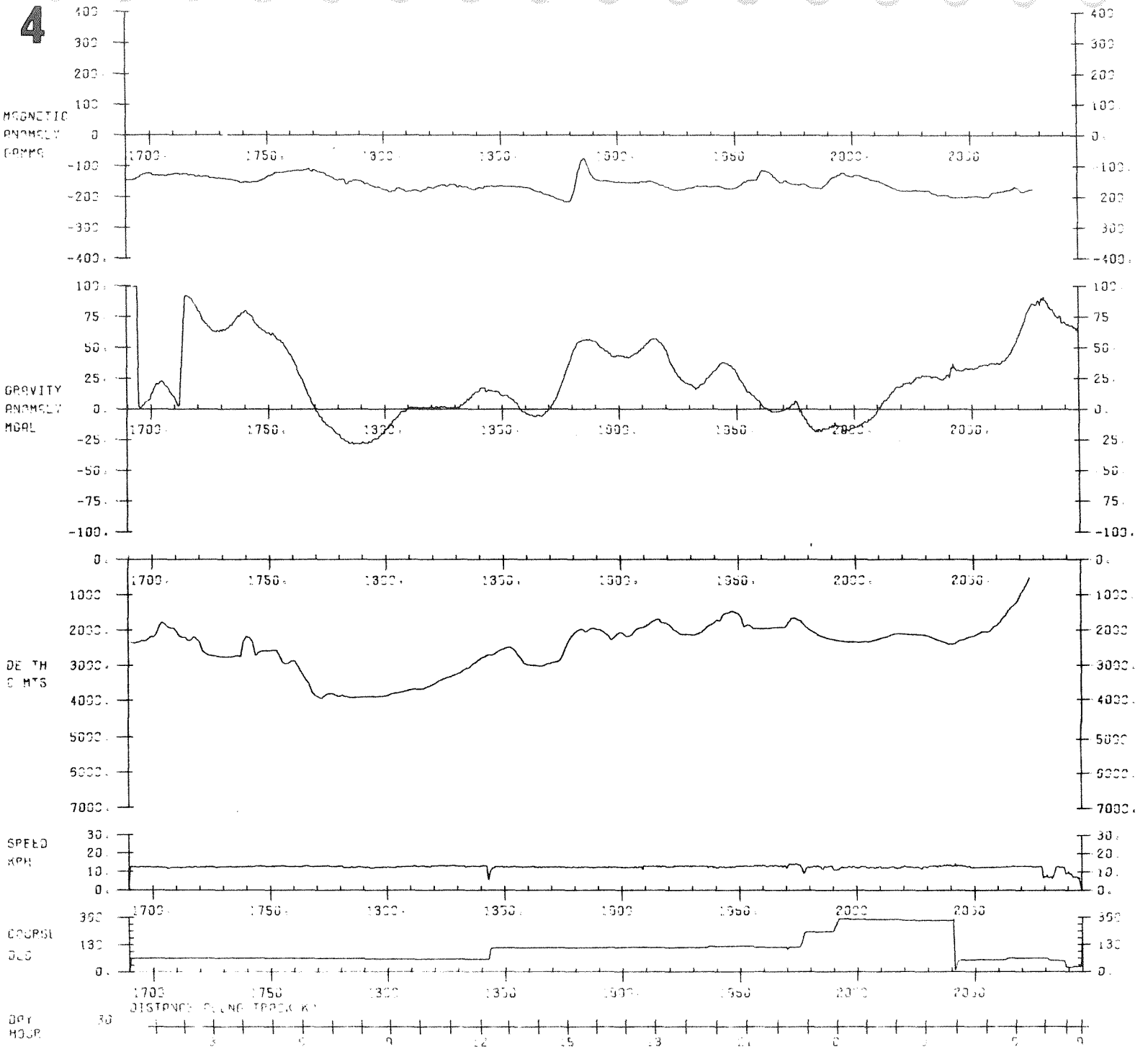
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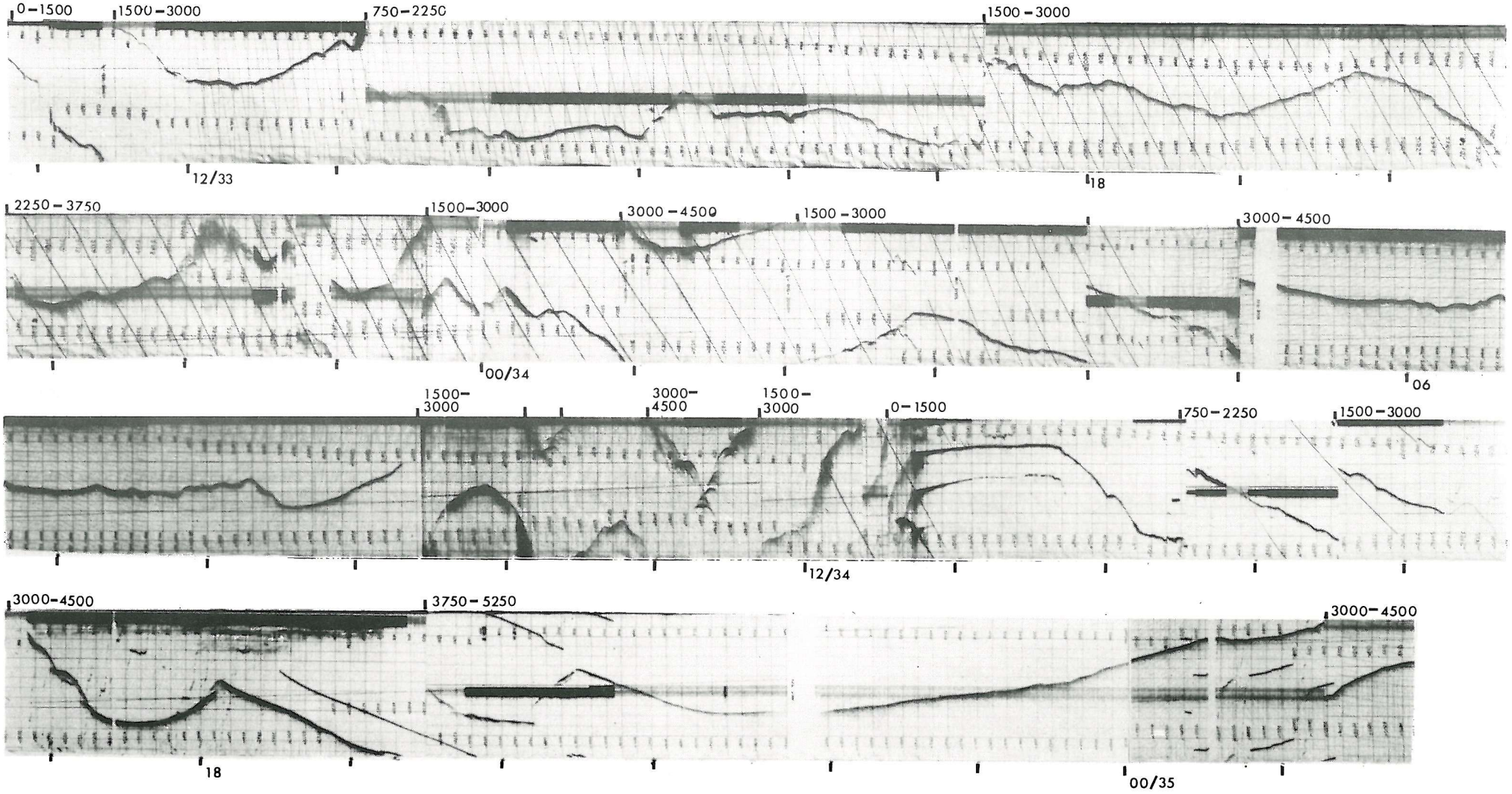
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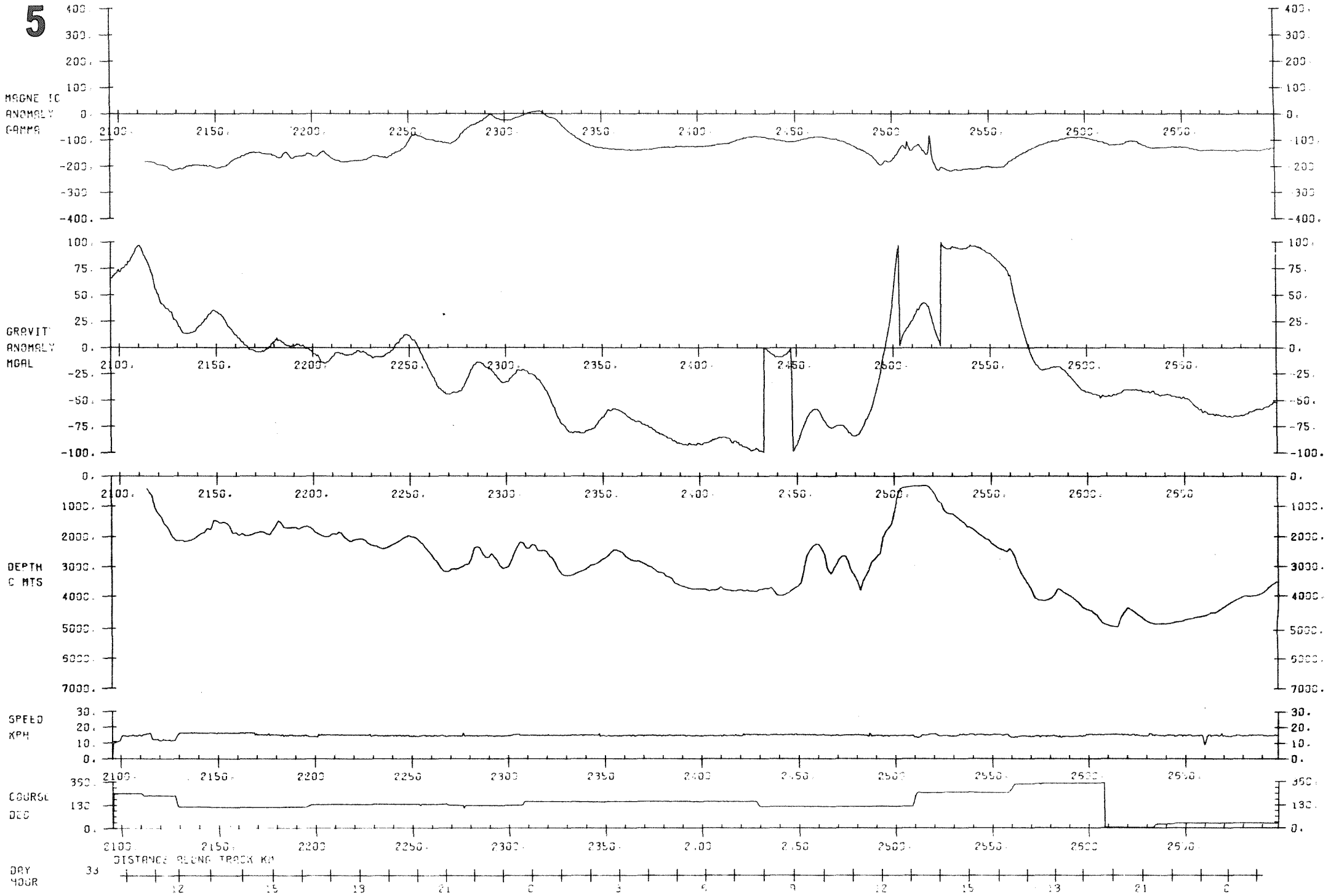
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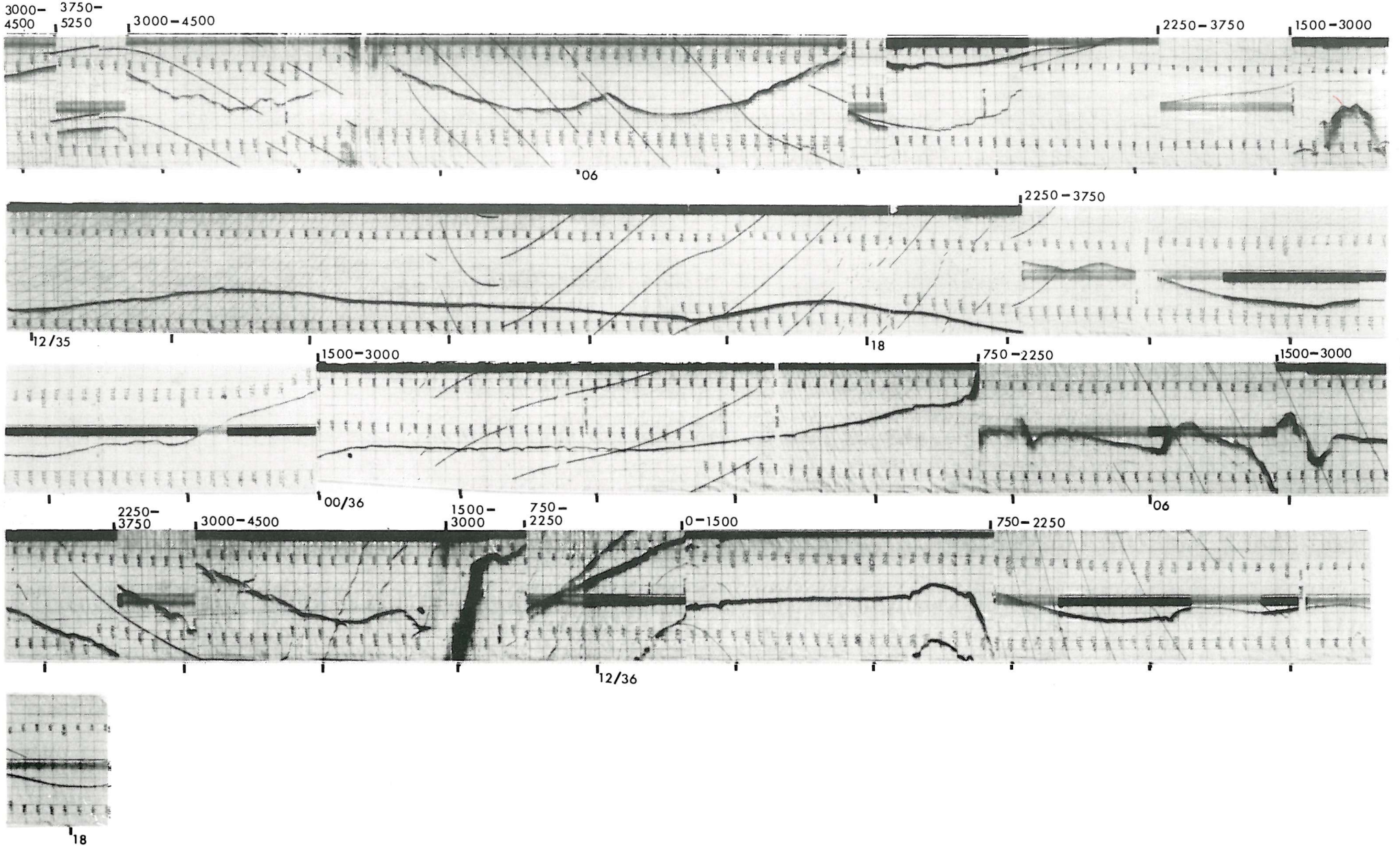
DISTANCE ALONG TRACK KM
DAY HOUR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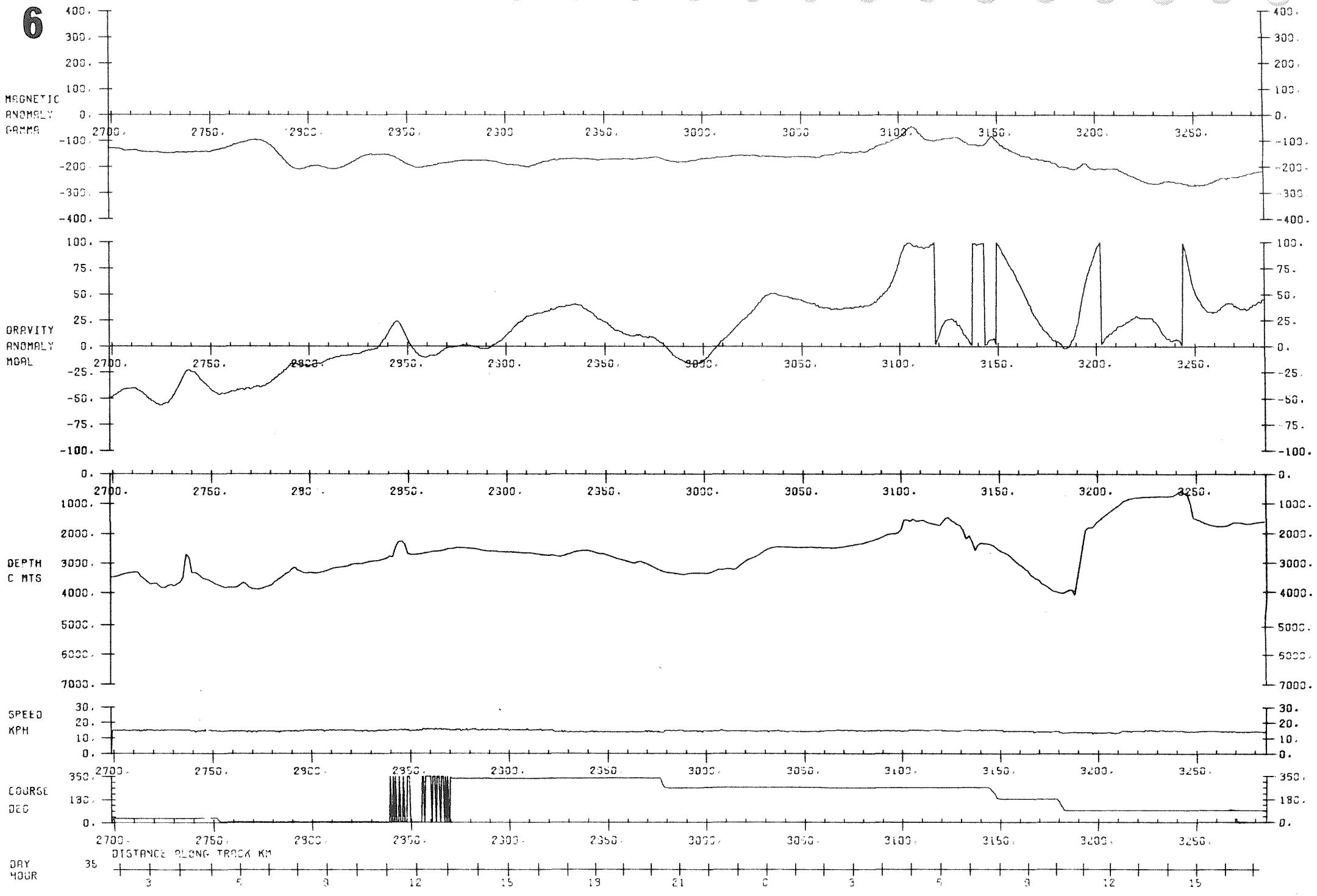
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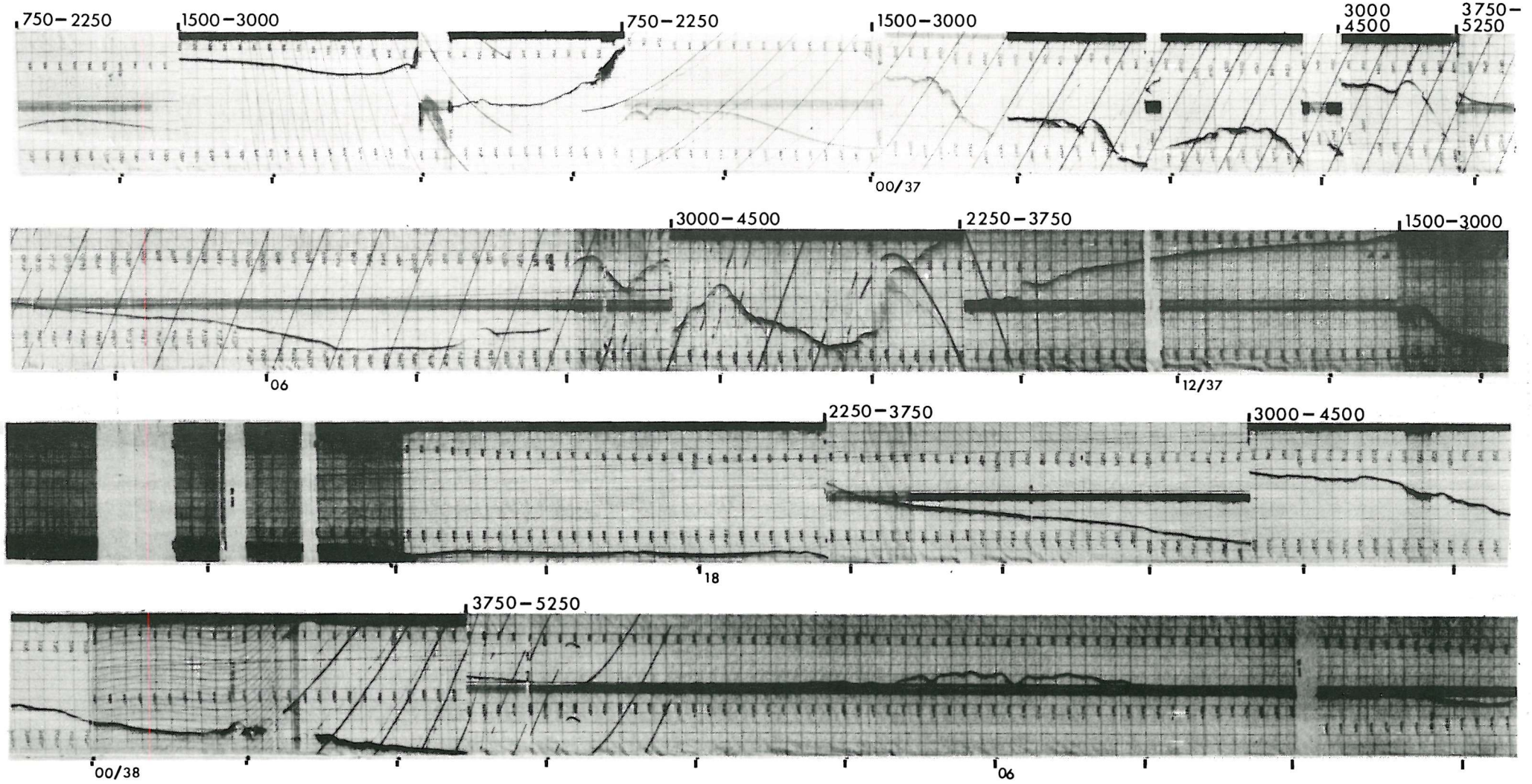
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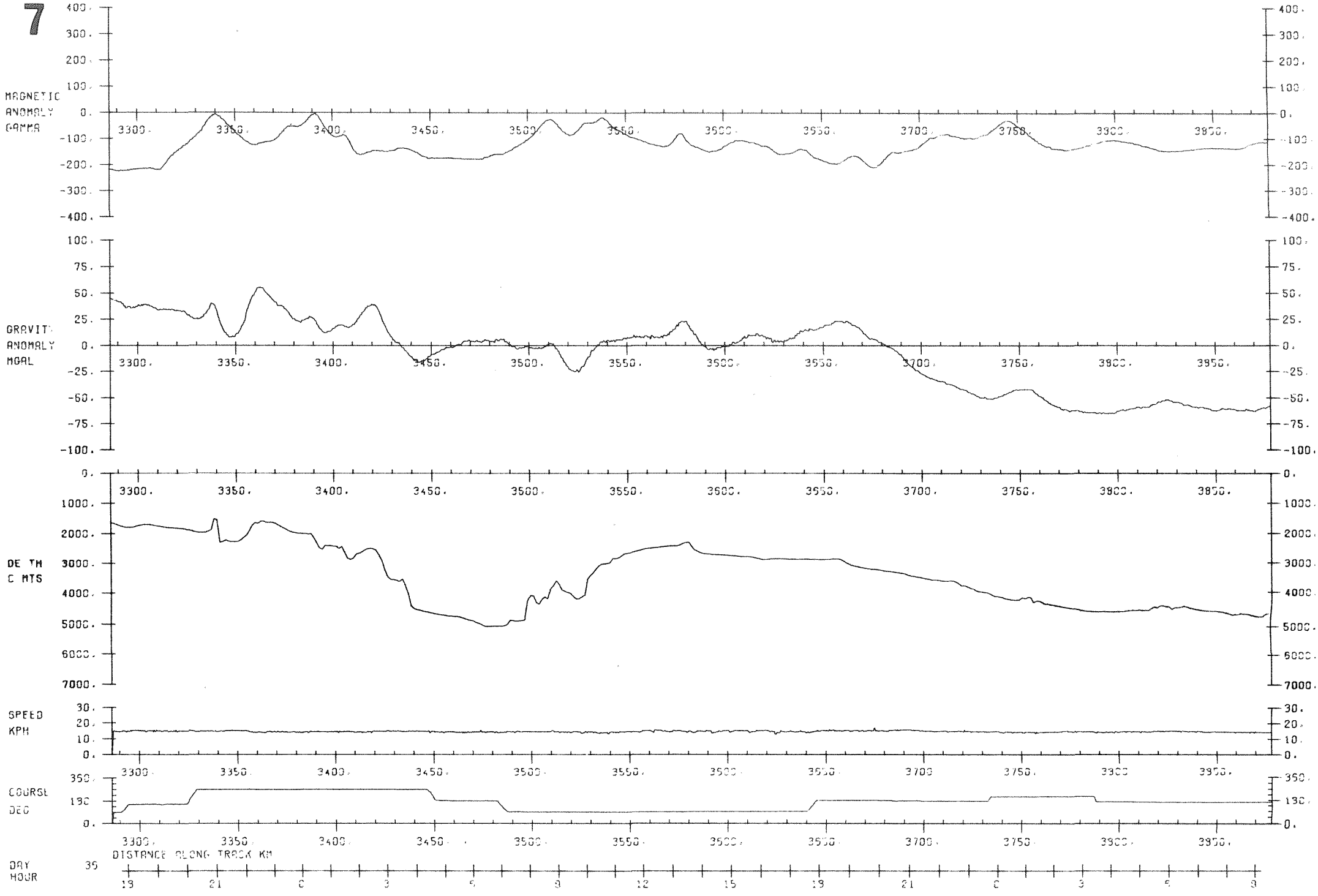
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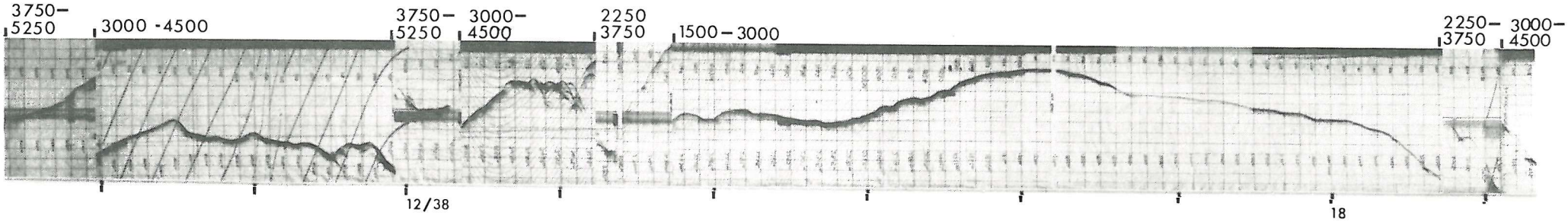
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12/38
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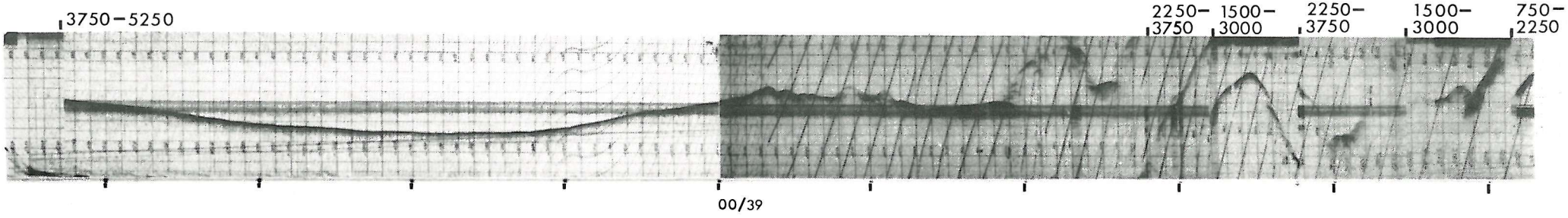
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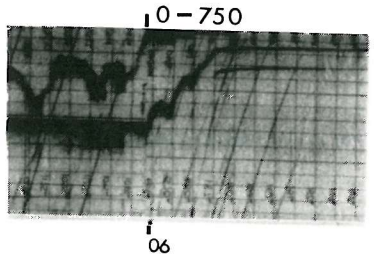
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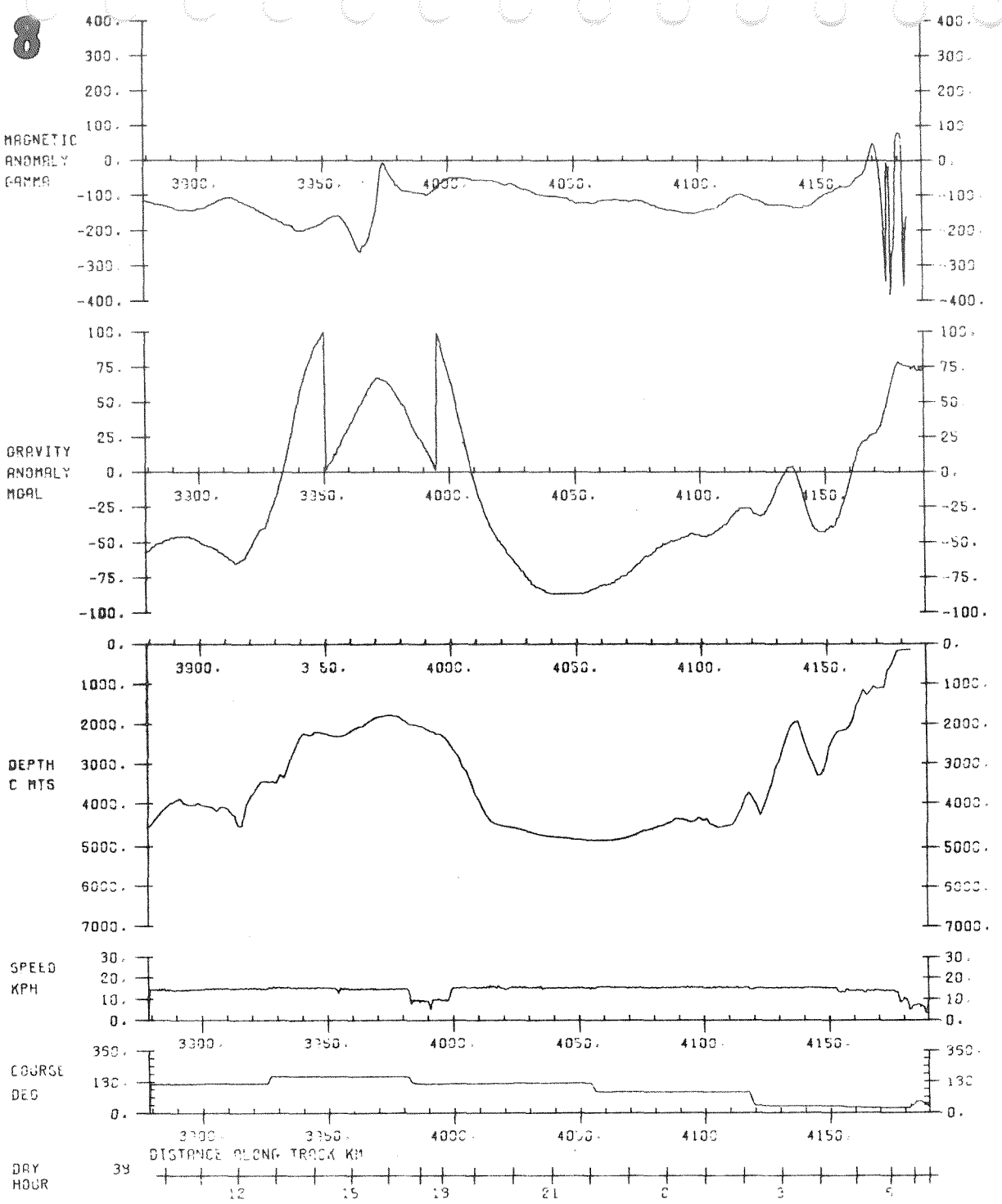
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4000.
4050.
4100.
4150.
GRAVITY ANOMALY MGAL
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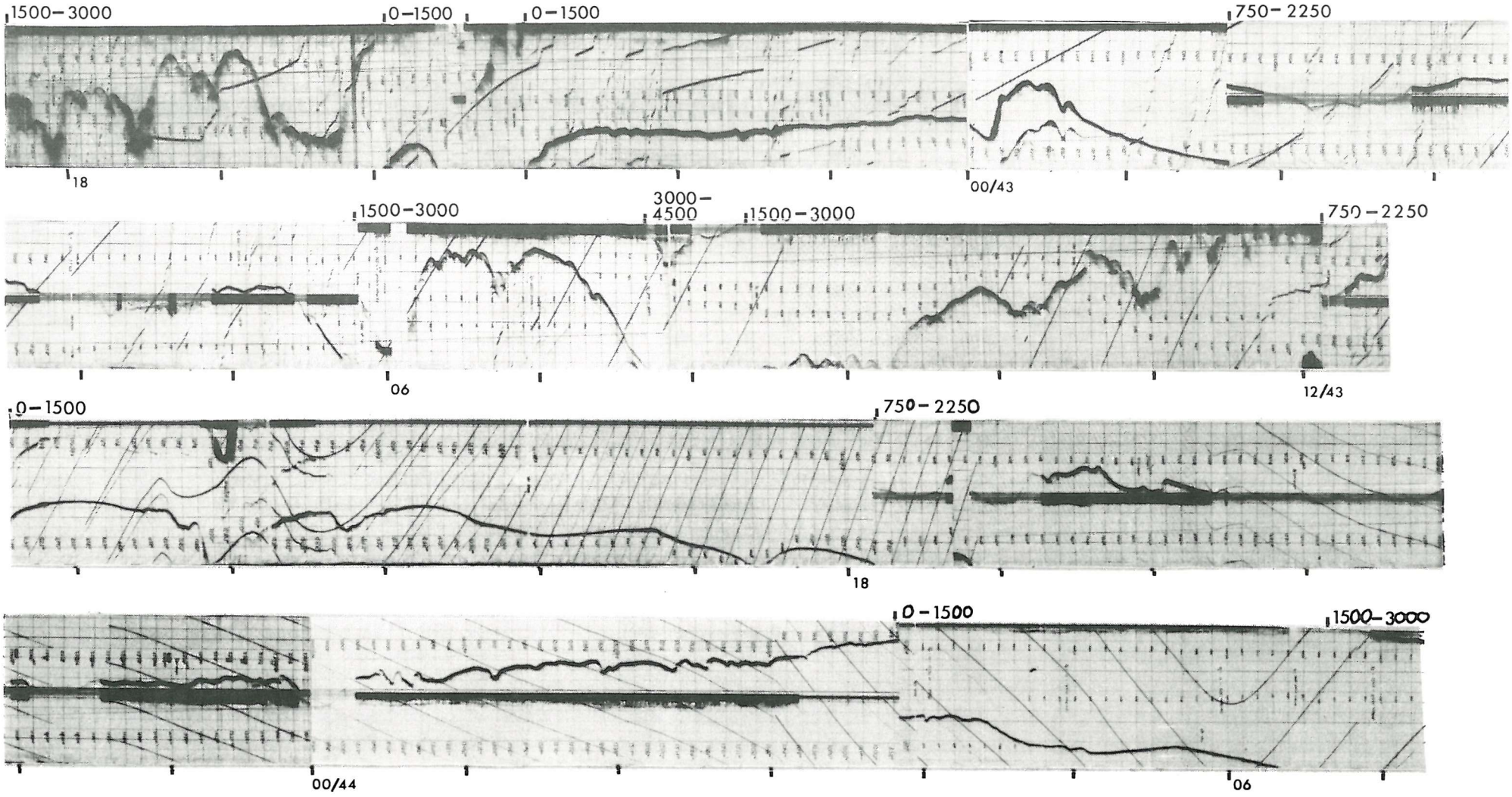
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
350.
180.
DISTANCE ALONG TRACK KM
DAY HOUR
12
15
18
21
3
5

9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750–2250
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0–1500
750–2250
18
0–1500
1500–3000
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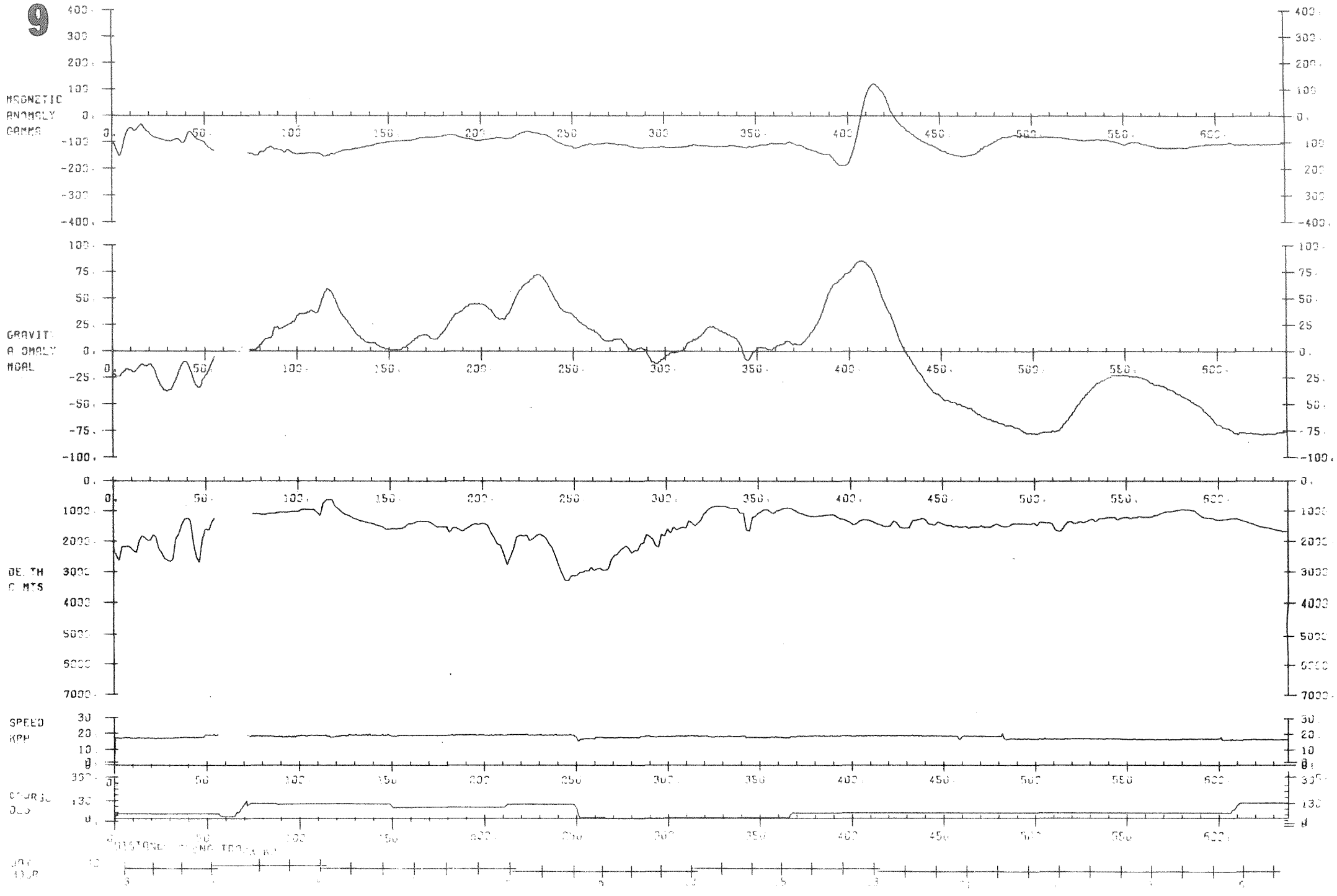
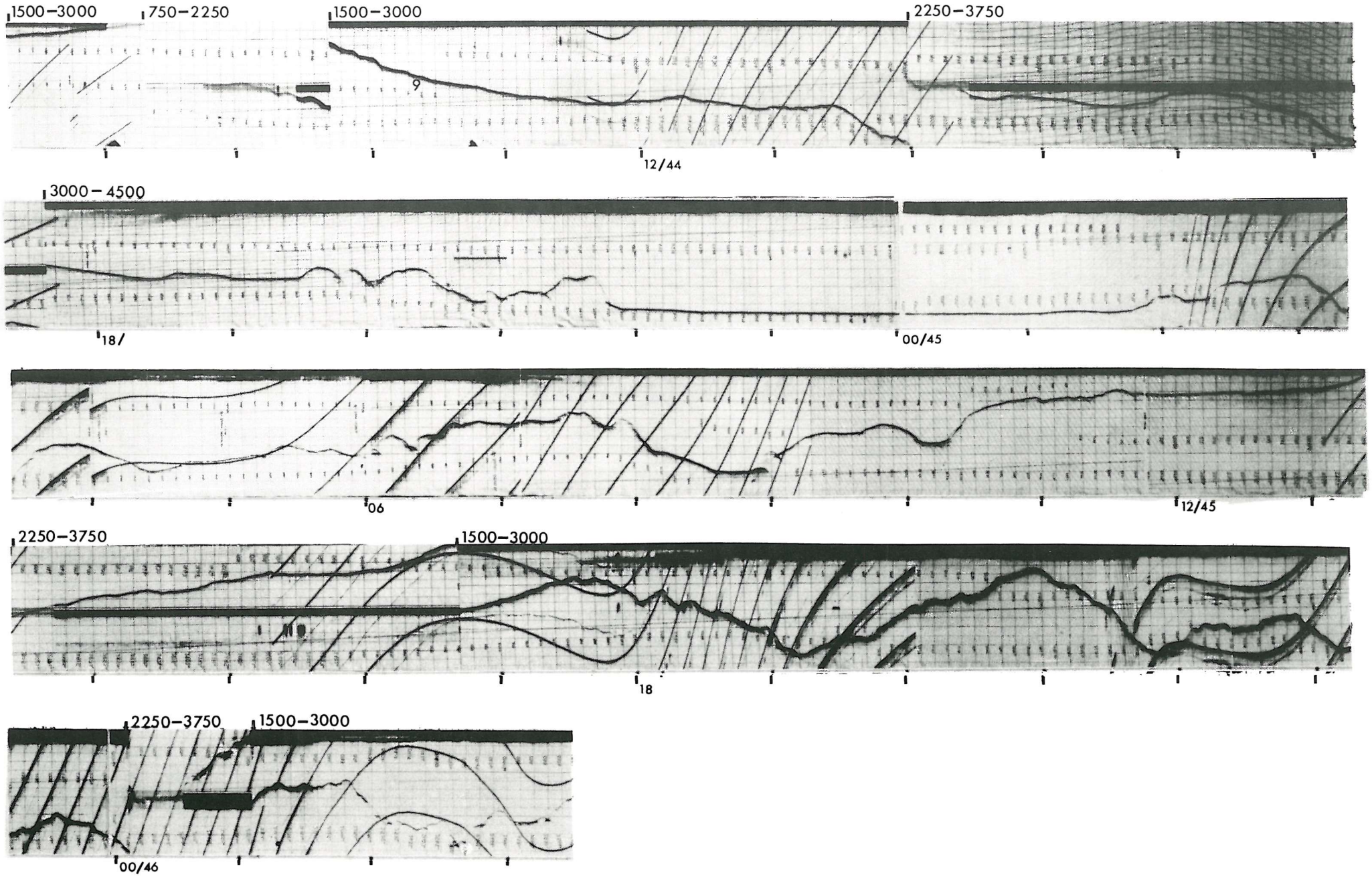
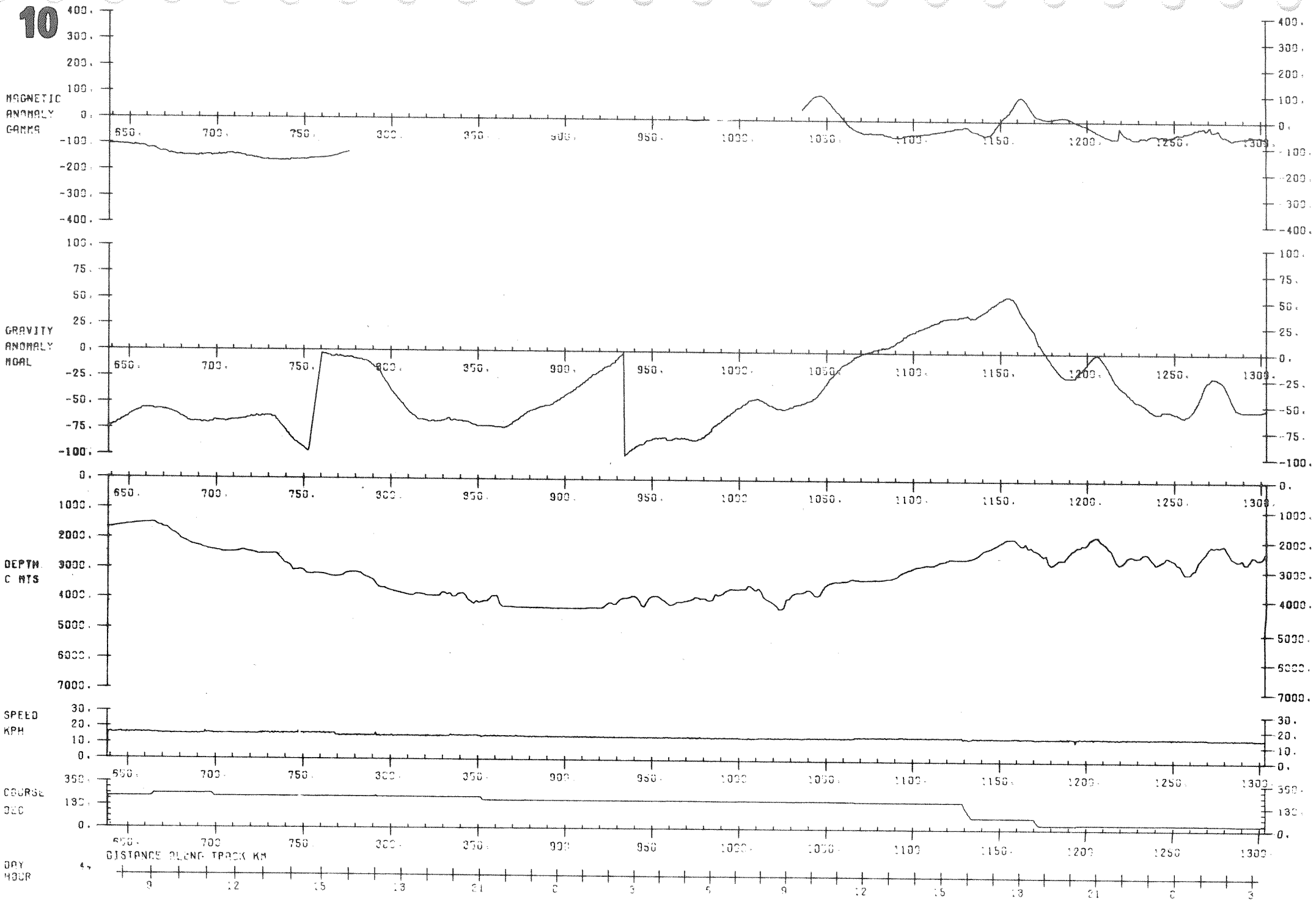
06

9


MAGNETIC ANOMALY GAMMA
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DISTANCE ALONG TRACK KM
JAY HOUR


1500–3000
750–2250
1500–3000
2250–3750
9
12/44
3000 – 4500
18/
00/45
06
12/45
2250–3750
1500–3000
18
2250–3750
1500–3000
00/46


MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
650.
700.
750.
800.
850.
900.
950.
1000.
1050.
1100.
1150.
1200.
1250.
1300.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
350.
180.
0.
DAY HOUR
4.
9
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15
18
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3
6
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15
18
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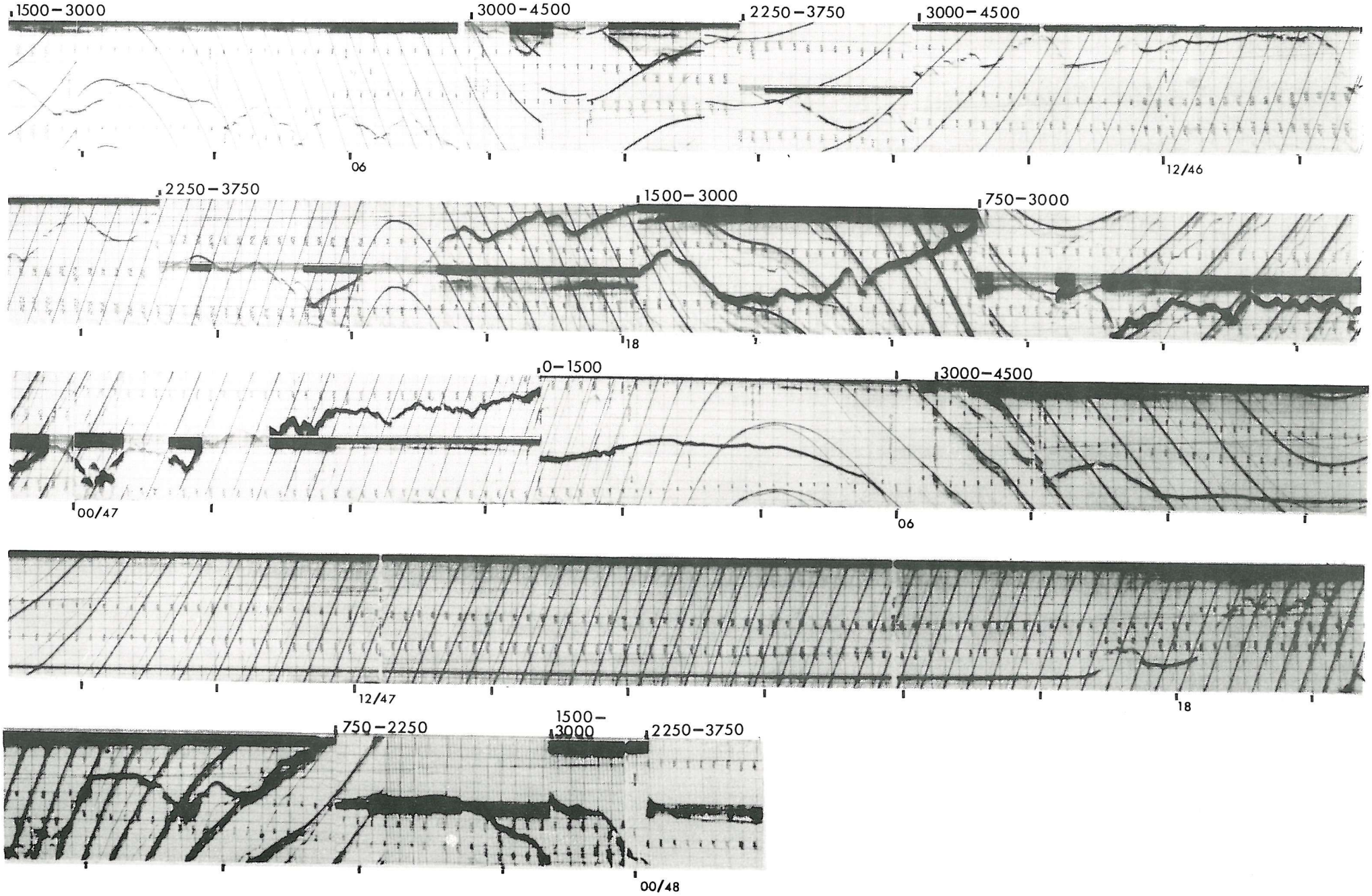
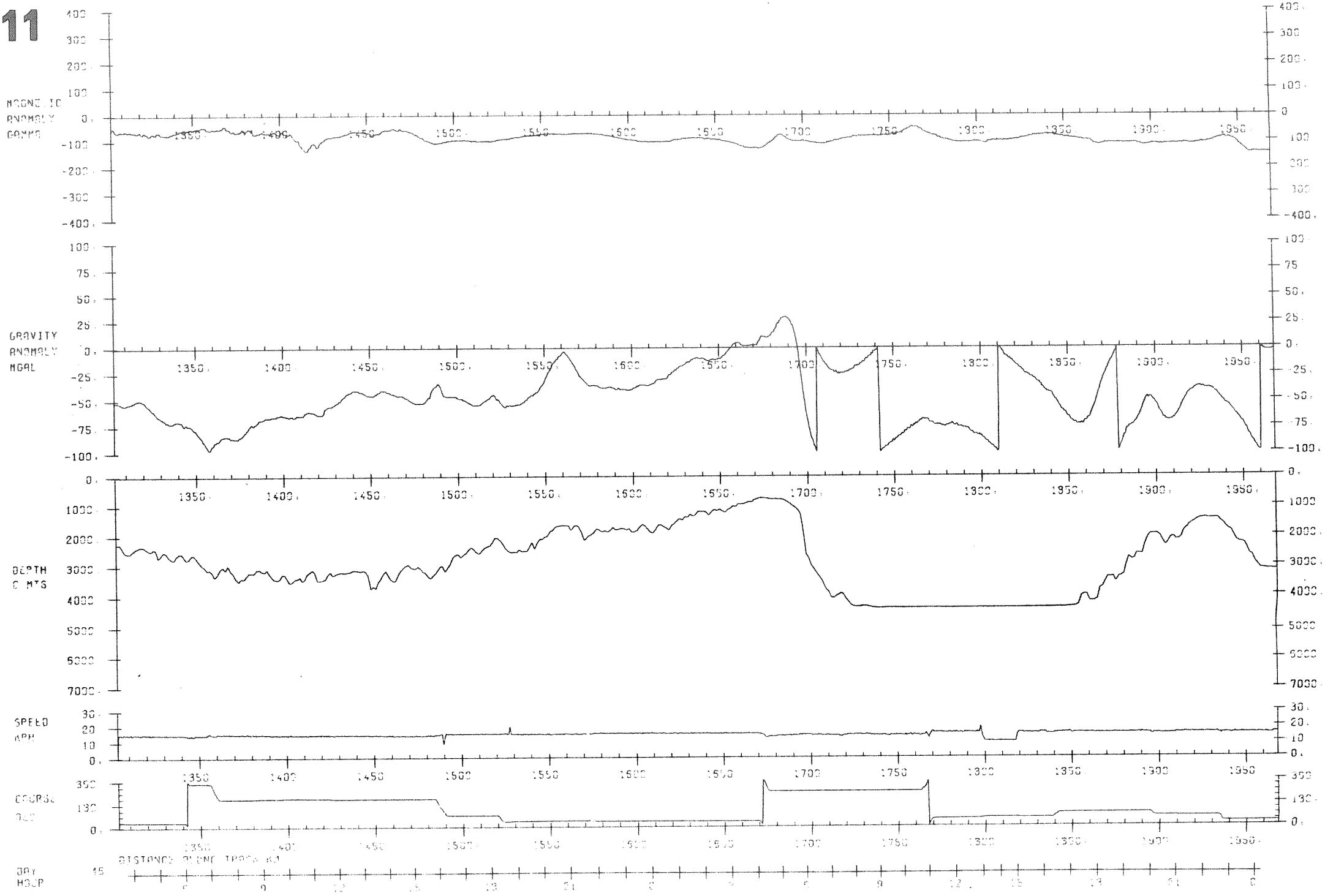
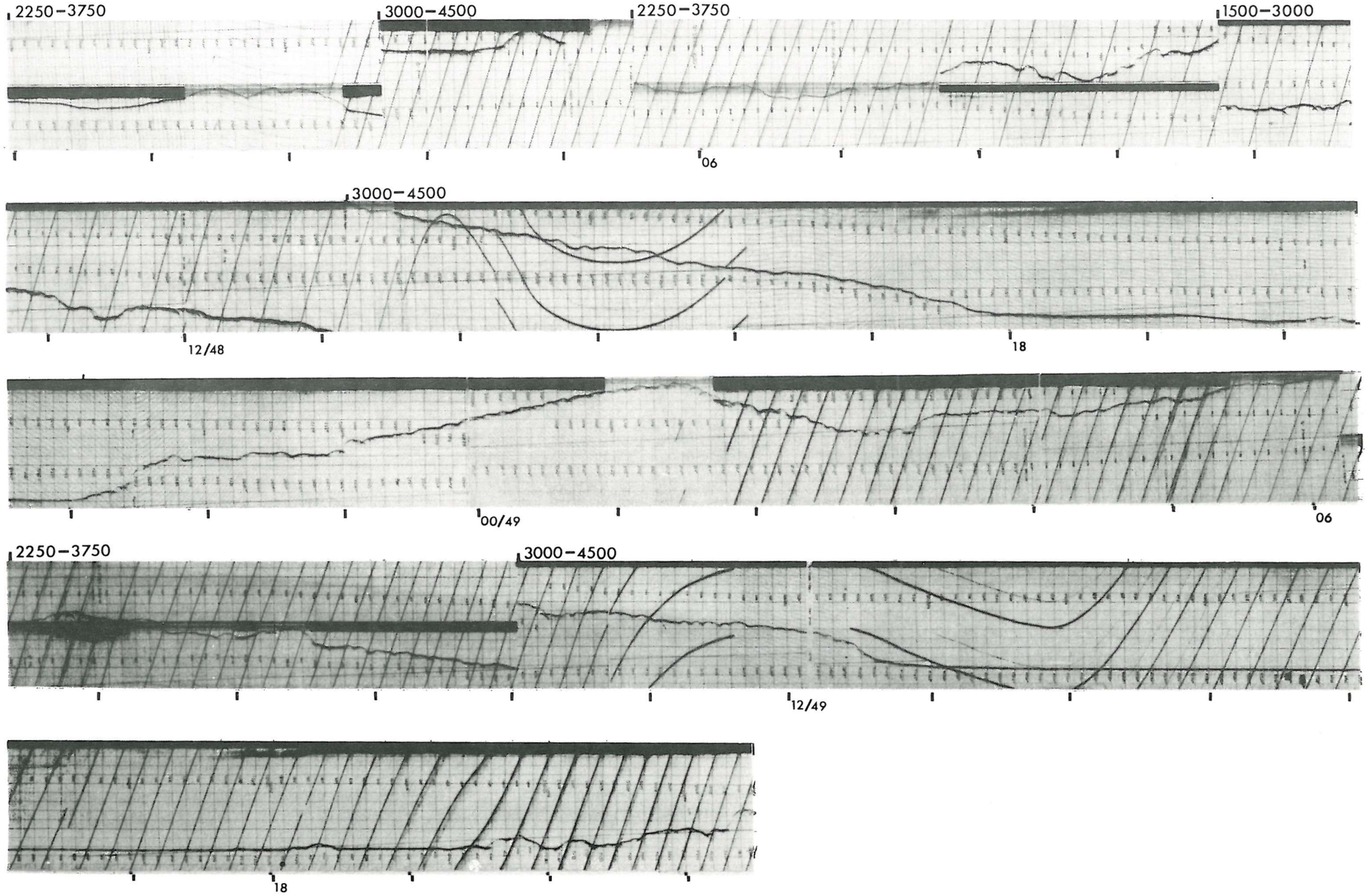
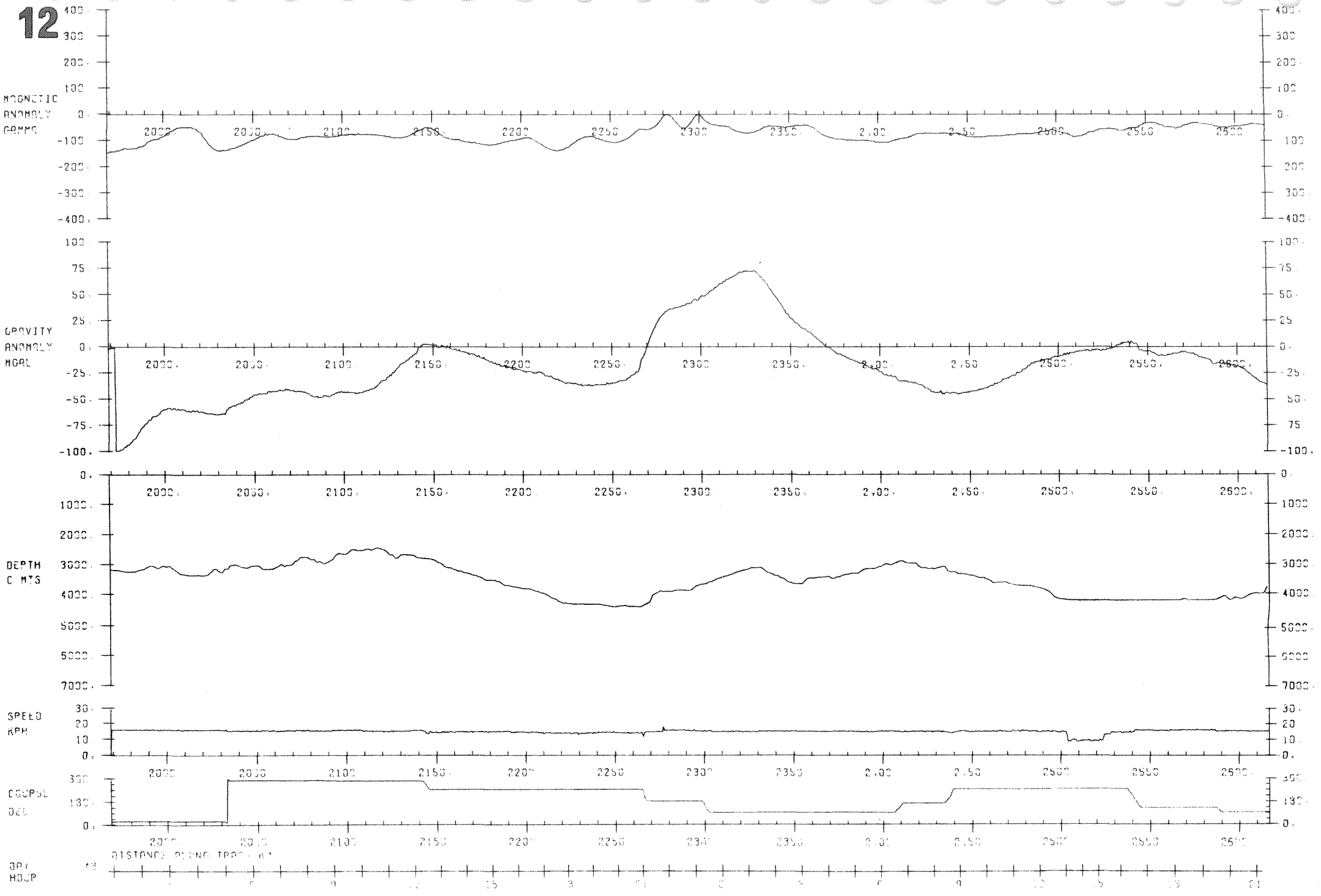
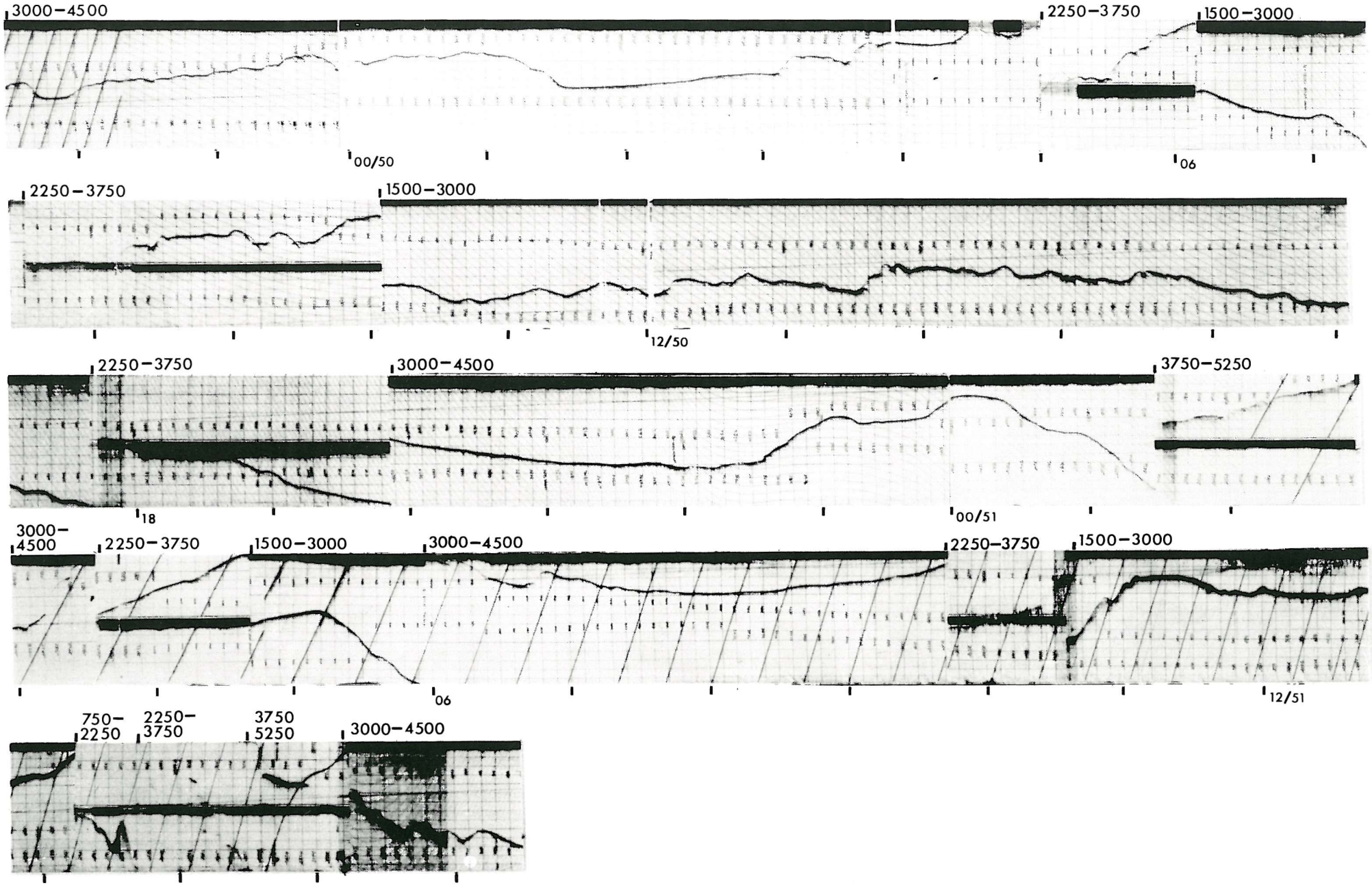
0
3
DISTANCE ALONG TRACK KM

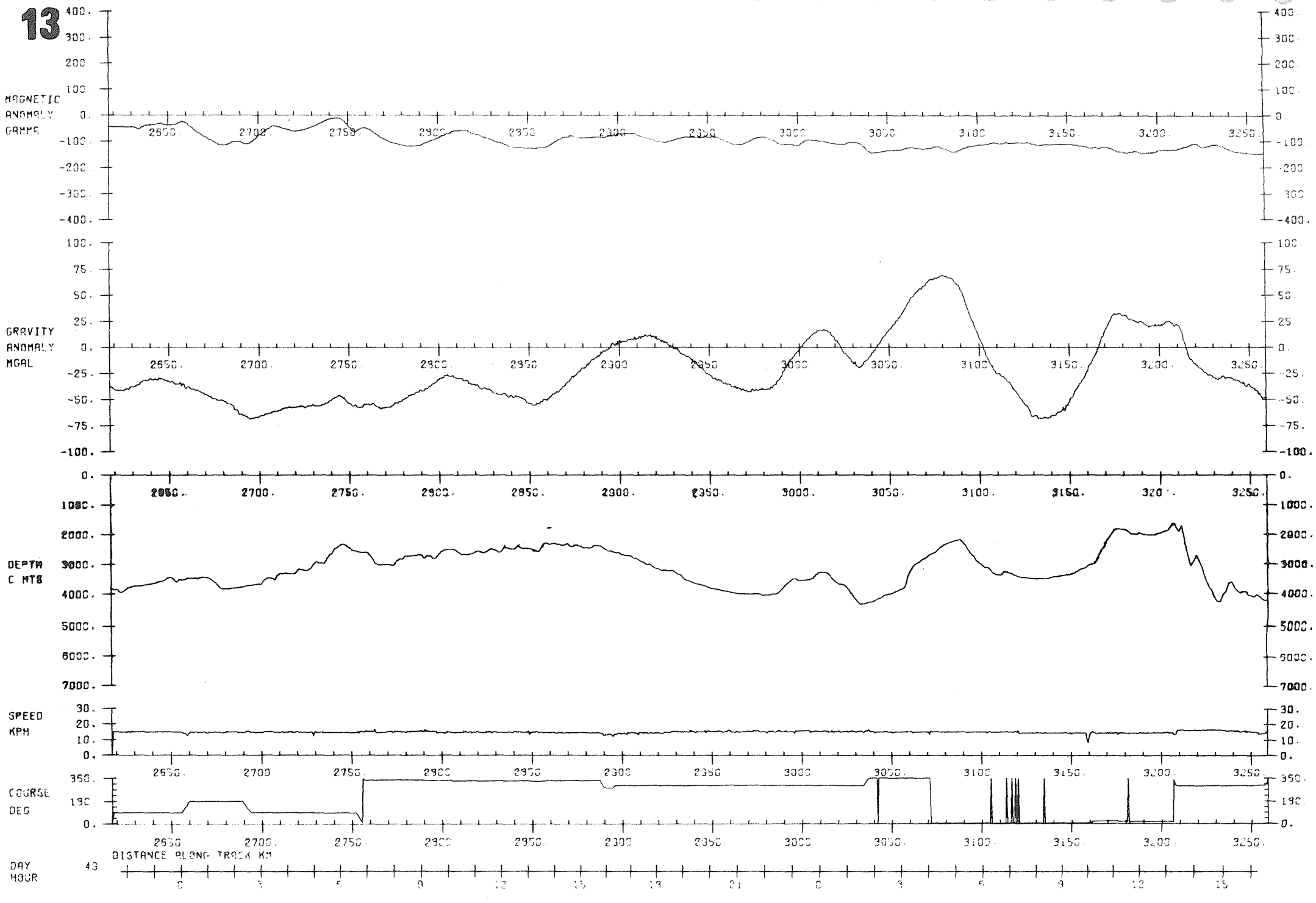

1500–3000
3000–4500
2250–3750
3000–4500
06
12/46
2250–3750
1500–3000
750–3000
18
0–1500
3000–4500
00/47
06
12/47
18
750–2250
1500–3000
2250–3750
00/48

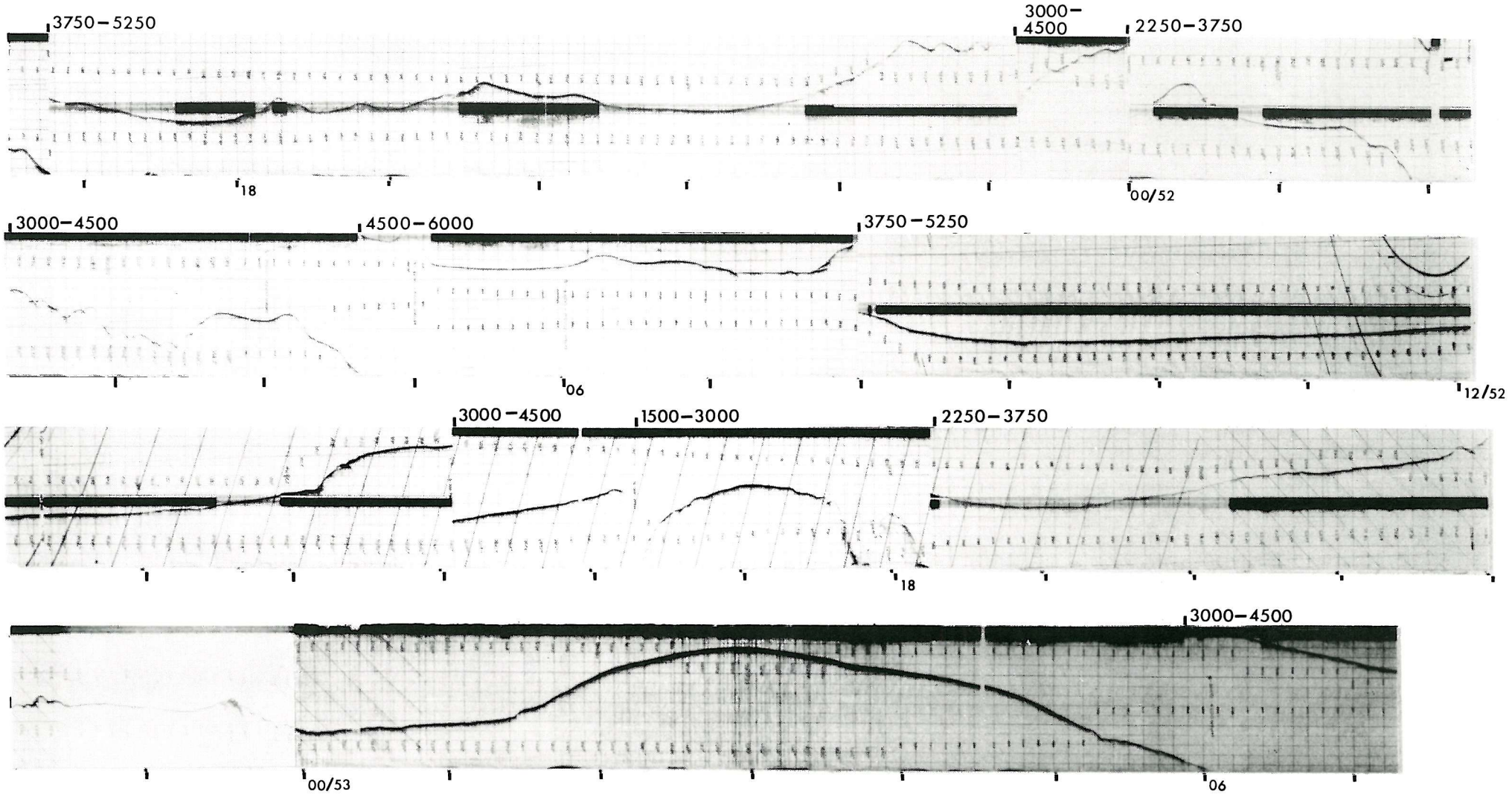

MAGNETIC ANOMALY GAMMA
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DAY HOUR
DISTANCE TRAVELLED KM

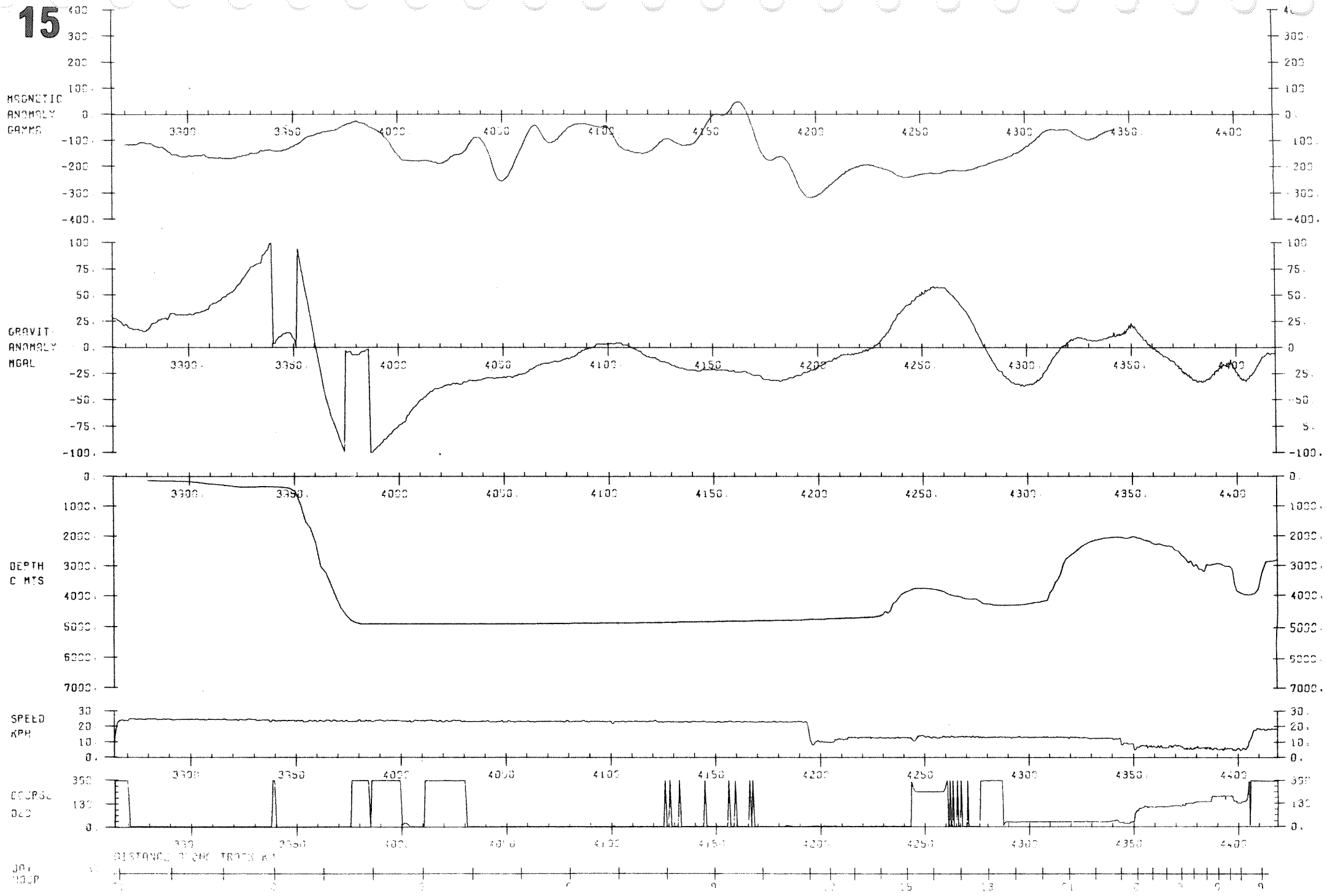

2250–3750
3000–4500
2250–3750
1500–3000
06
3000–4500
12/48
18
00/49
06
2250–3750
3000–4500
12/49
18


MAGNETIC ANOMALY GAMMS
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DAY HOUR
DISTANCE ALONG TRACK (KM)


3000–4500
2250–3750
1500–3000
00/50
06
2250–3750
1500–3000
12/50
2250–3750
3000–4500
3750–5250
18
00/51
3000–4500
2250–3750
1500–3000
3000–4500
2250–3750
1500–3000
06
12/51
750–2250
2250–3750
3750–5250
3000–4500


13
MAGNETIC ANOMALY GAMMA
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DISTANCE ALONG TRACK KM
DAY HOUR


3750–5250
3000–4500
2250–3750
18
00/52
3000–4500
4500–6000
3750–5250
06
12/52
3000–4500
1500–3000
2250–3750
18
3000–4500
00/53
06


MAGNETIC
ANOMALY
GAMMA
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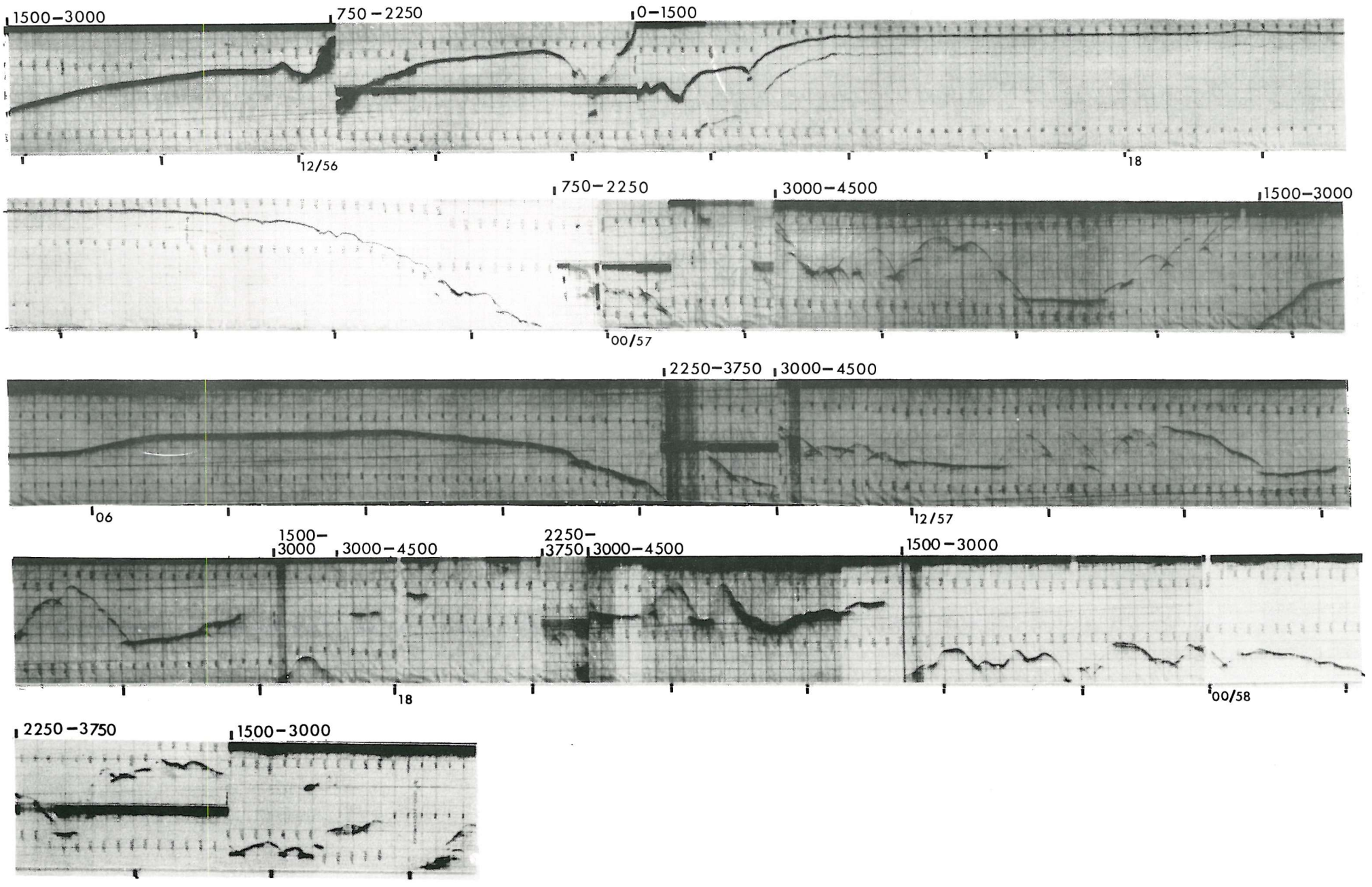
300
200
100
0
-100
-200
-300
-400
3300
3350
4000
4050
4100
4150
4200
4250
4300
4350
4400
GRAVIT
ANOMALY
MGAL
100
75
50
25
0
-25
-50
-75
-100
DEPTH
C MTS
1000
2000
3000
4000
5000
6000
7000
SPEED
KPH
30
20
10
0
COURSE
DEG
360
180
0
DISTANCE


1500–3000
750 – 2250
0–1500
12/56
18
750–2250
3000–4500
1500–3000
00/57
2250–3750
3000–4500
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3750
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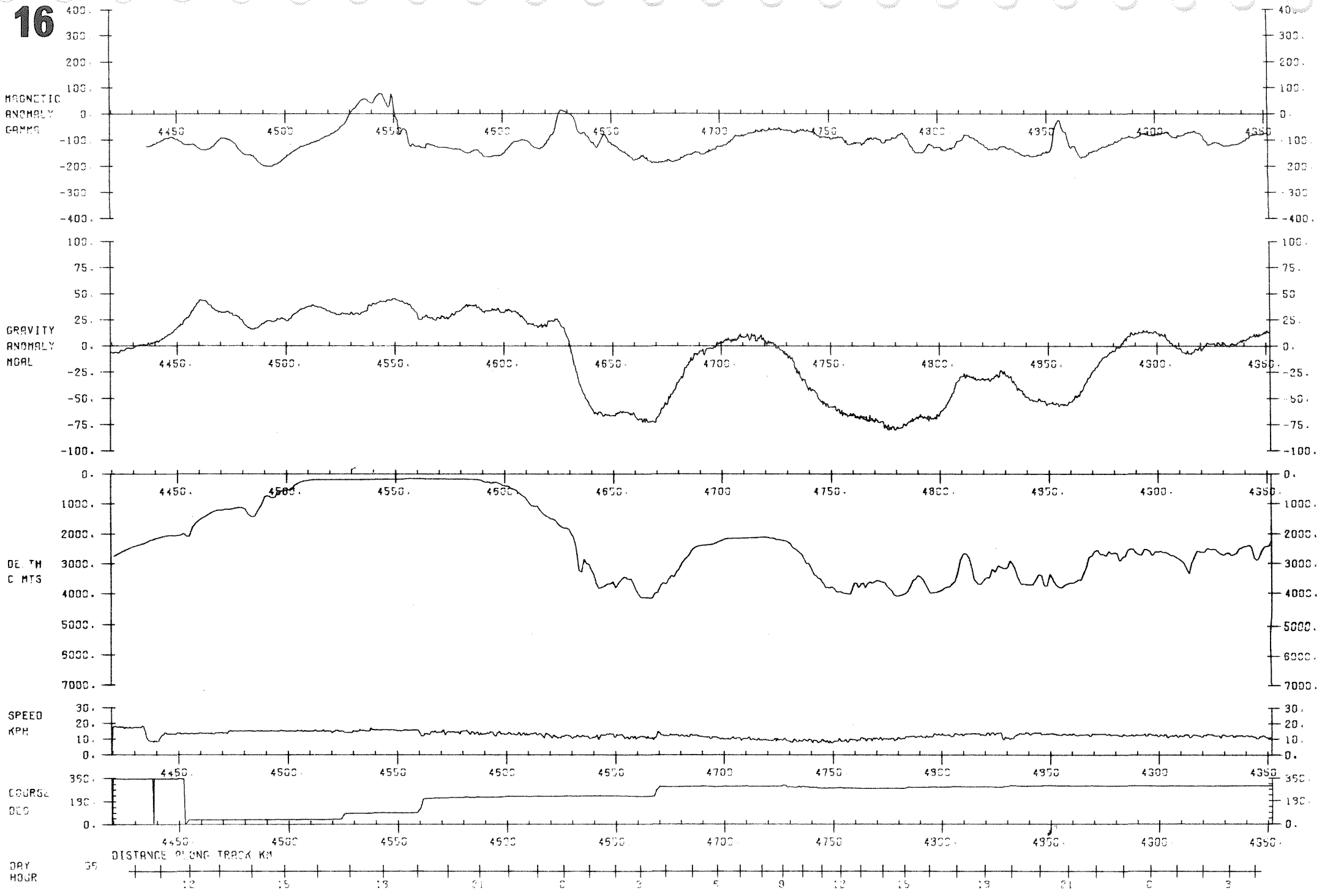
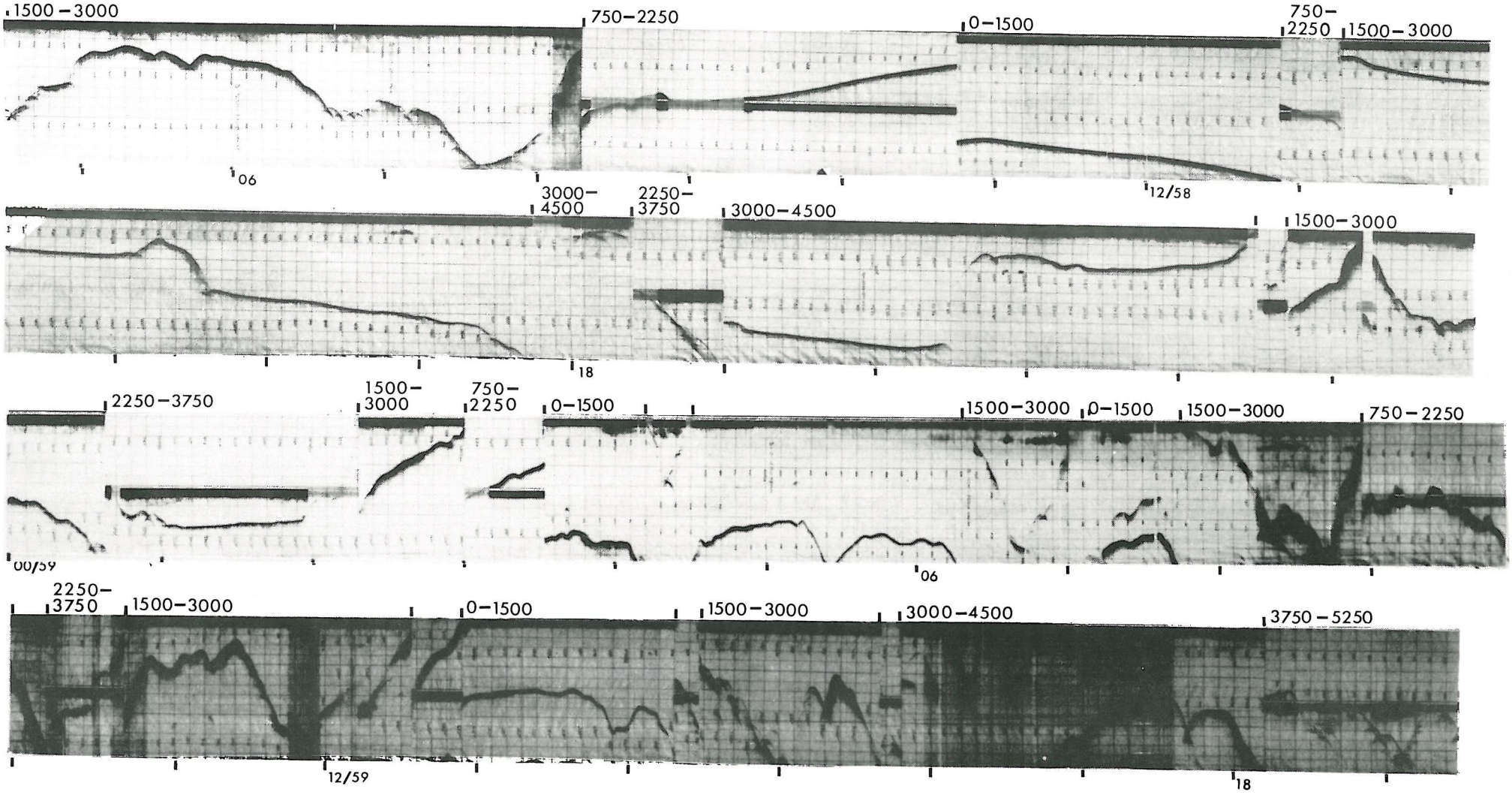
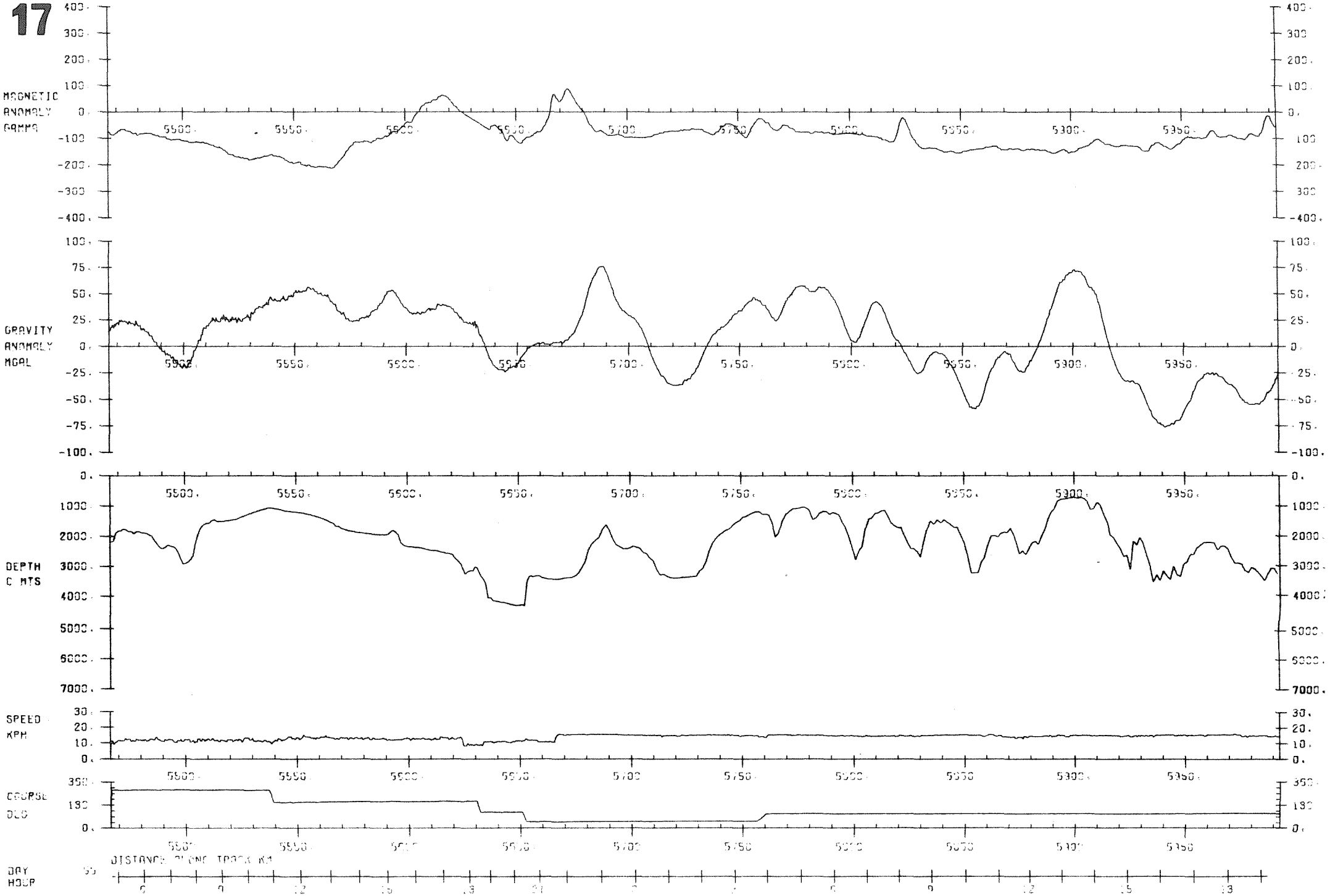
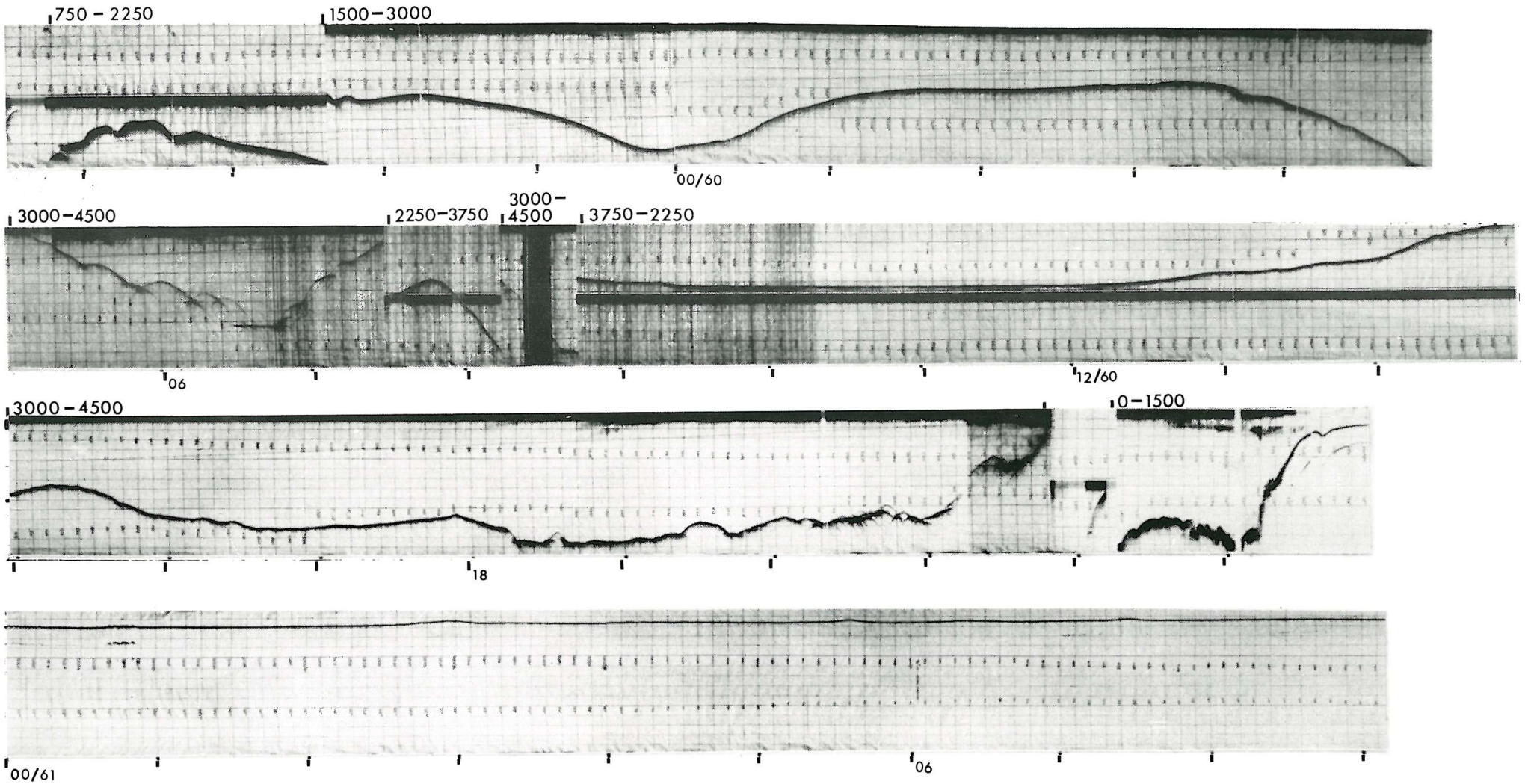
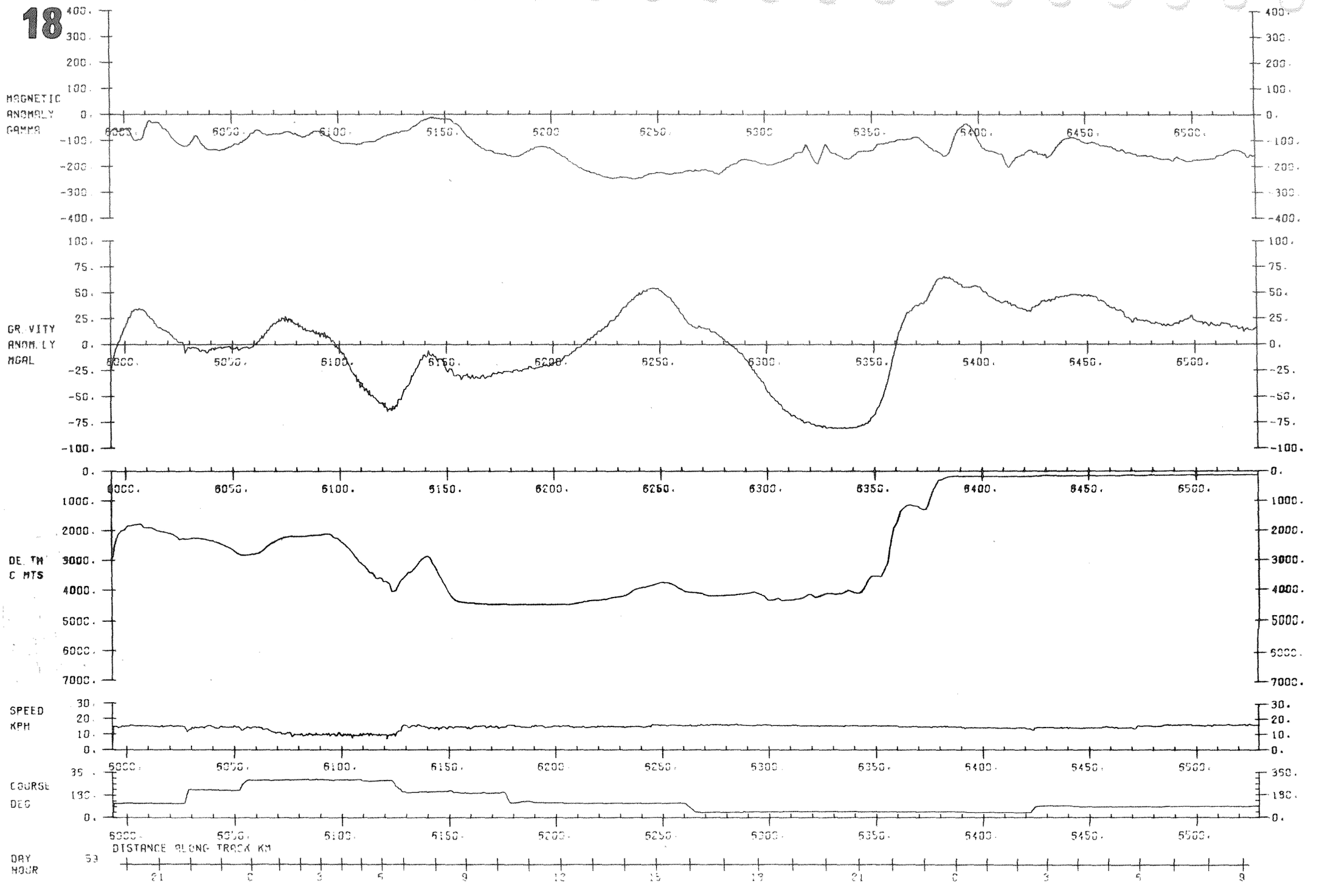
00/58
2250–3750
1500–3000


MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH M MTS
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360.
180.
0.
DAY HOUR
DISTANCE ALONG TRACK KM
12
15
18
21
0
3
6
9
12
15
18
21
0
3


1500 – 3000
750 – 2250
0 – 1500
750 – 2250
1500 – 3000
06
12/58
3000 – 4500
2250 – 3750
3000 – 4500
1500 – 3000
18
2250 – 3750
1500 – 3000
750 – 2250
0 – 1500
1500 – 3000
0 – 1500
1500 – 3000
750 – 2250
00/59
06
2250 – 3750
1500 – 3000
0 – 1500
1500 – 3000
3000 – 4500
3750 – 5250
12/59
18


MAGNETIC ANOMALY GAMMA
400
300
200
100
0
-100
-200
-300
-400
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
GRAVITY ANOMALY MGAL
100
75
50
25
0
-25
-50
-75
-100
DEPTH C MTS
1000
2000
3000
4000
5000
6000
7000
SPEED KPH
30
20
10
0
COURSE DEG
360
180
0
DAY HOUR
DISTANCE ALONG TRACK KM


750 – 2250
1500–3000
00/60
3000–4500
2250–3750
3000–
4500
3750–2250
06
12/60
3000–4500
0–1500
18
00/61
06


MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH METS
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360.
180.
0.
6000.
6050.
6100.
6150.
6200.
6250.
6300.
6350.
6400.
6450.
6500.
DISTANCE ALONG TRACK KM
DAY HOUR
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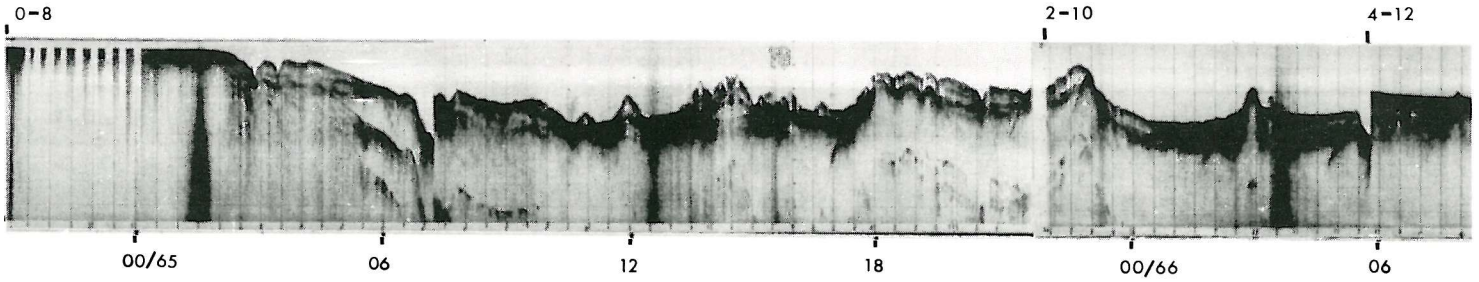
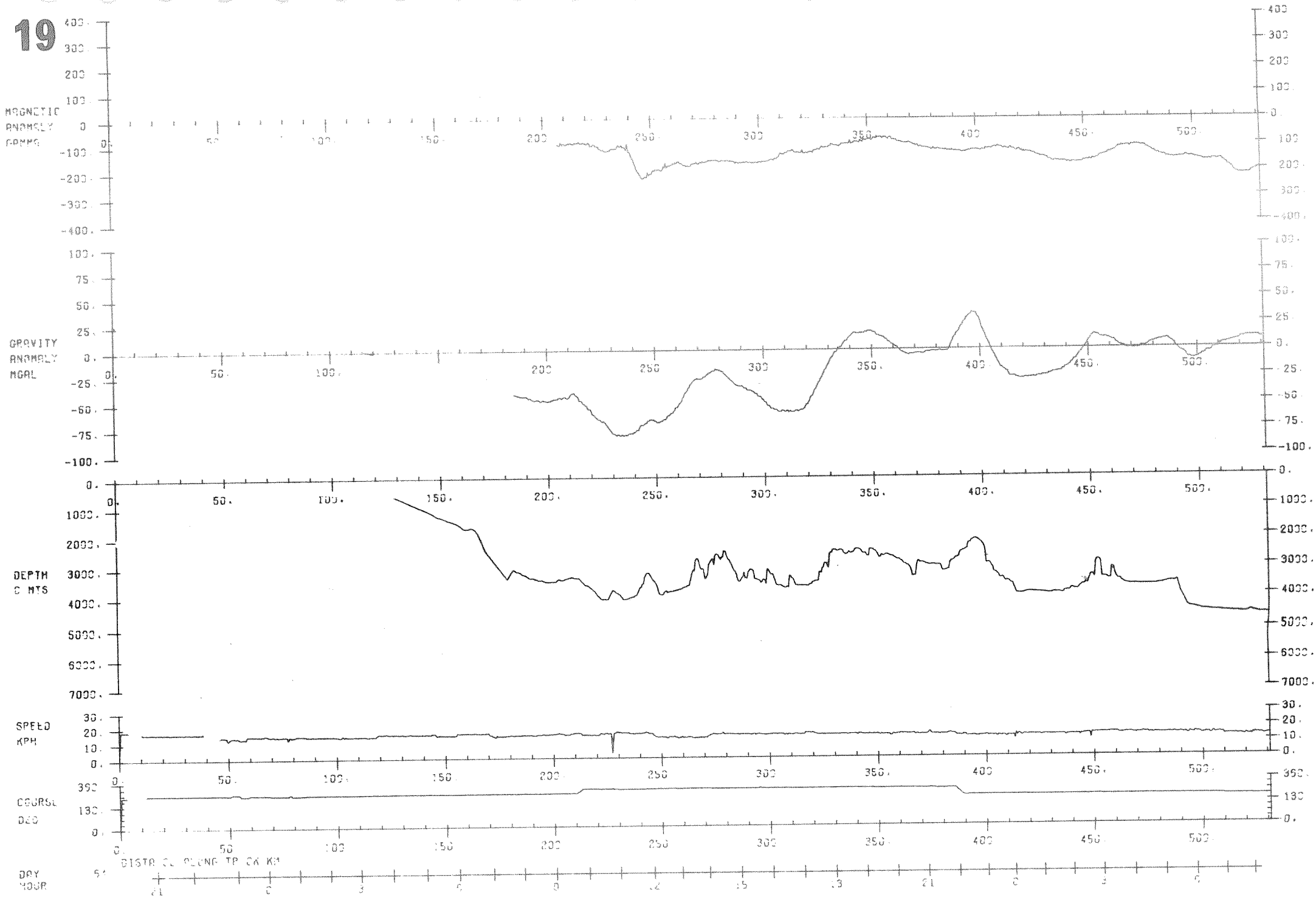
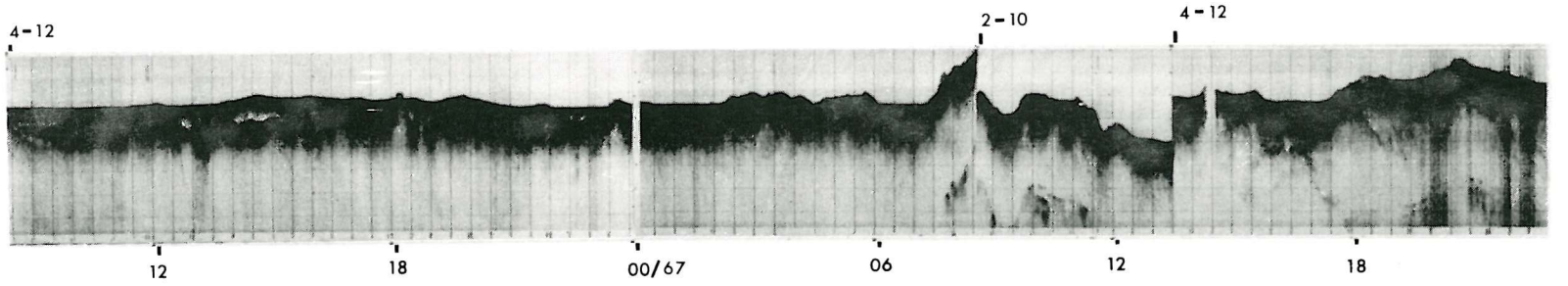
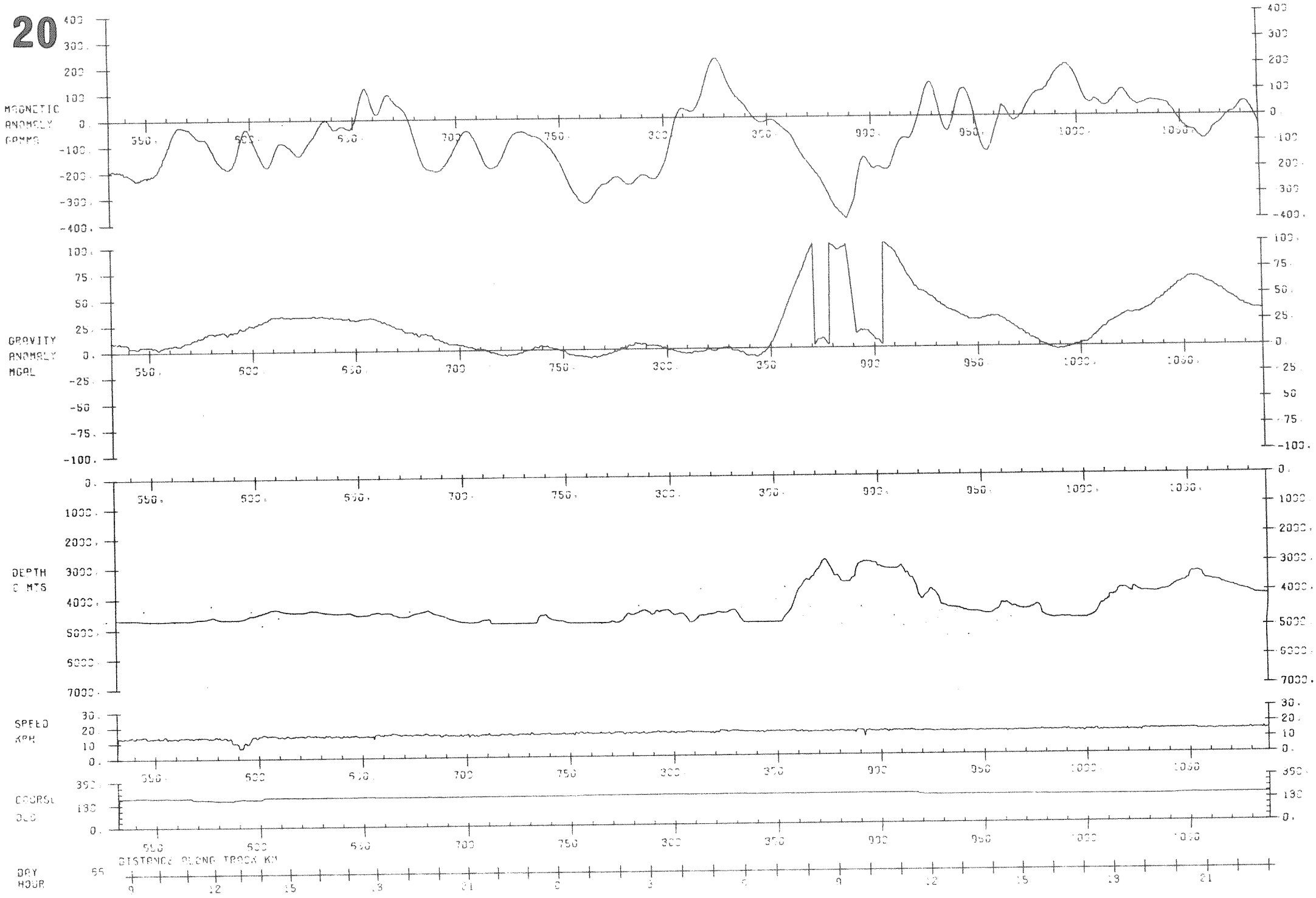
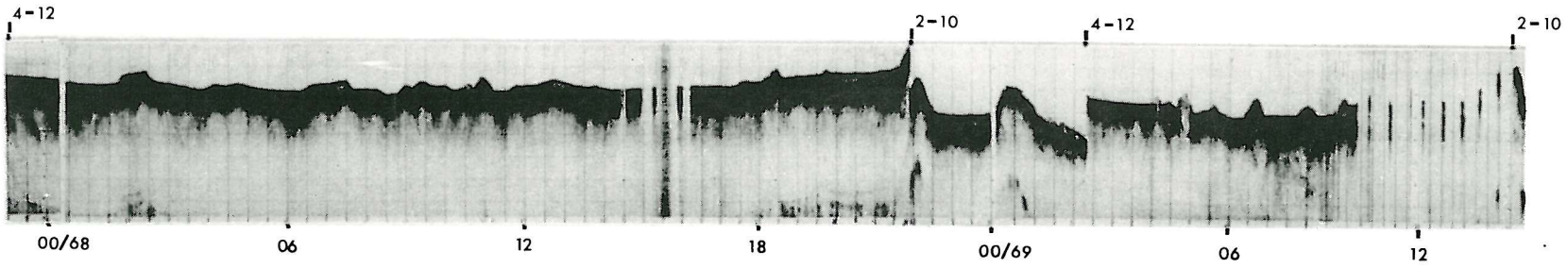
3
6
9
12
15
18
21
0
3
6
9


0-8
2-10
4-12
00/65
06
12
18
00/66
06


MAGNETIC ANOMALY GAMMS
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DAY HOUR
DISTR CL ALONG TR CK KM


4-12
2-10
4-12
12
18
00/67
06
12
18


MAGNETIC ANOMALY GAMMS
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DISTANCE ALONG TRACK KM
DAY HOUR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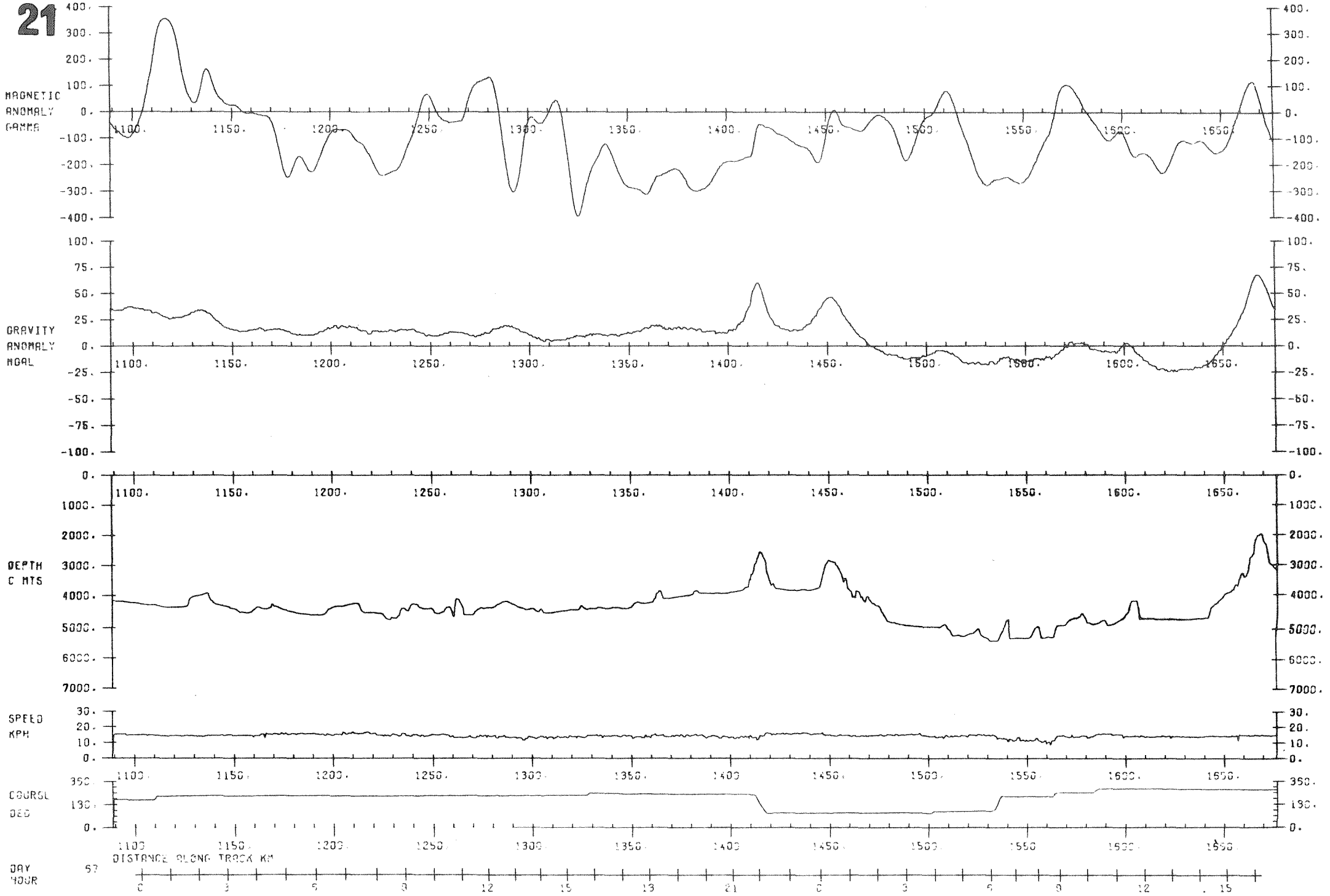
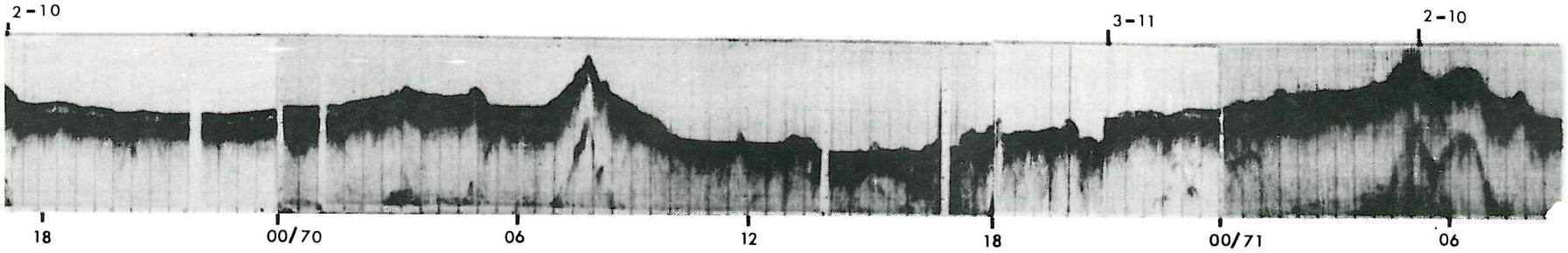
2-10
4-12
2-10
00/68
06
12
18
00/69
06
12


MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
1100.
1150.
1200.
1250.
1300.
1350.
1400.
1450.
1500.
1550.
1600.
1650.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360.
180.
DISTANCE ALONG TRACK KM
DAY HOUR
57
0
3
6
9
12
15
18
21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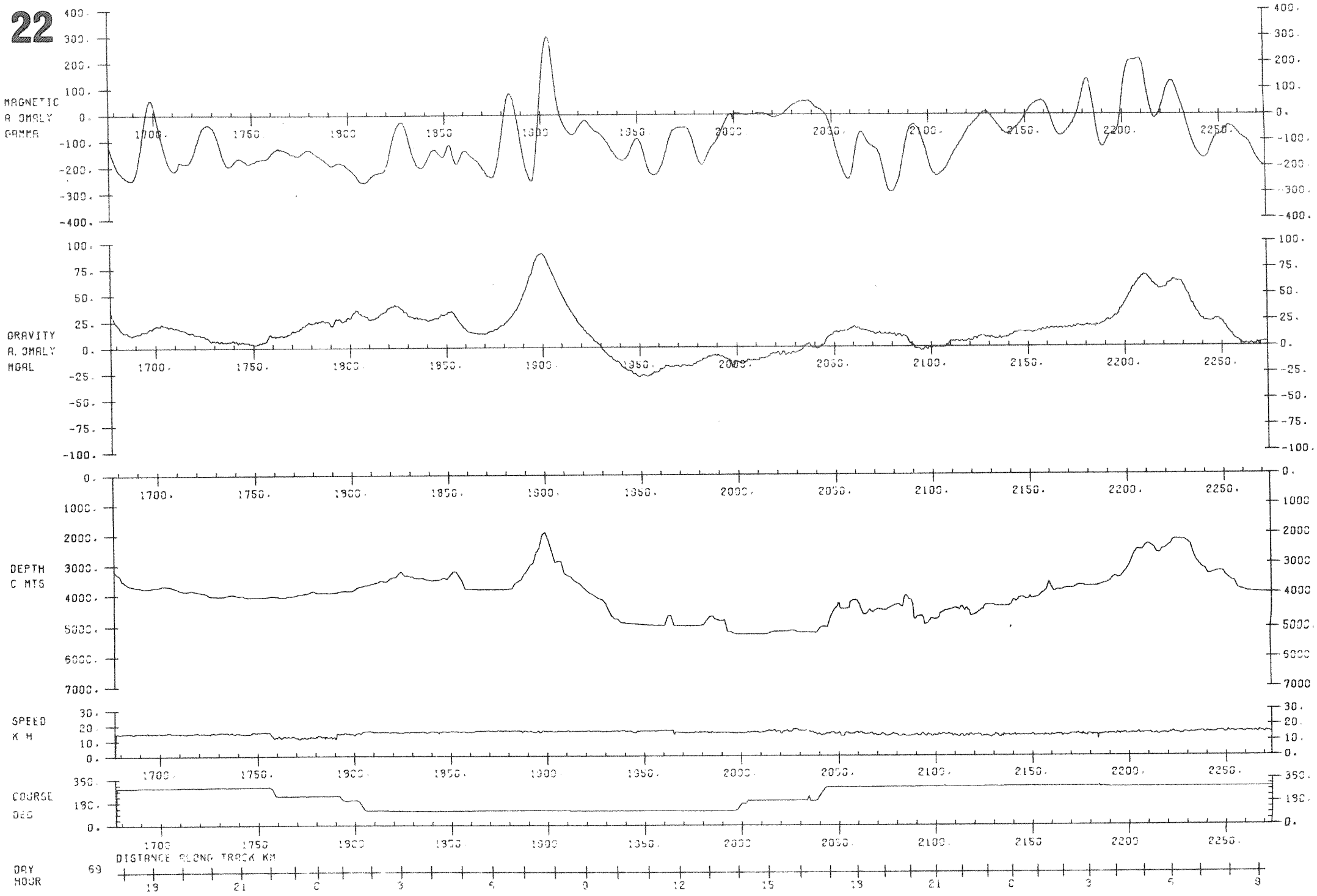
3-11
2-10
18
00/70
06
12
18
00/71
06


MAGNETIC
A OMALY
GAMMA
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200.
100.
0.
-100.
-200.
-300.
-400.
1700.
1750.
1800.
1850.
1900.
1950.
2000.
2050.
2100.
2150.
2200.
2250.
GRAVITY
A. OMALY
MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH
C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED
K H
30.
20.
10.
COURSE
DEG
360.
180.
DISTANCE ALONG TRACK KM
DAY
HOUR
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3
6
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12
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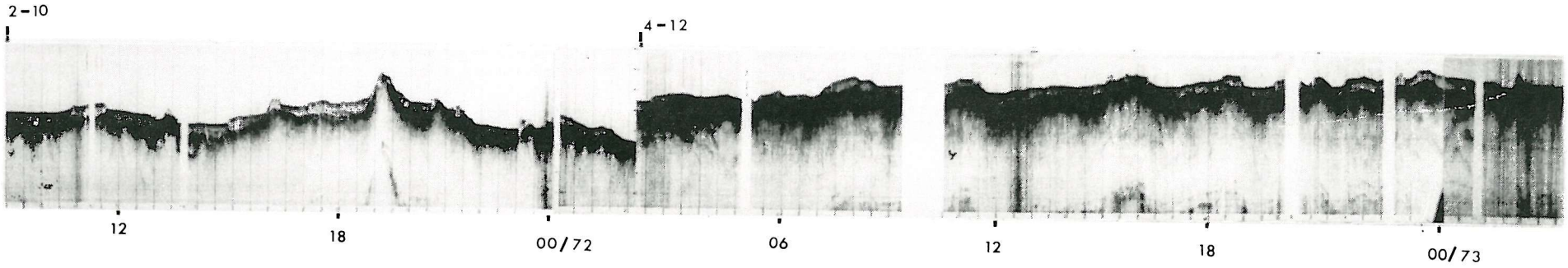
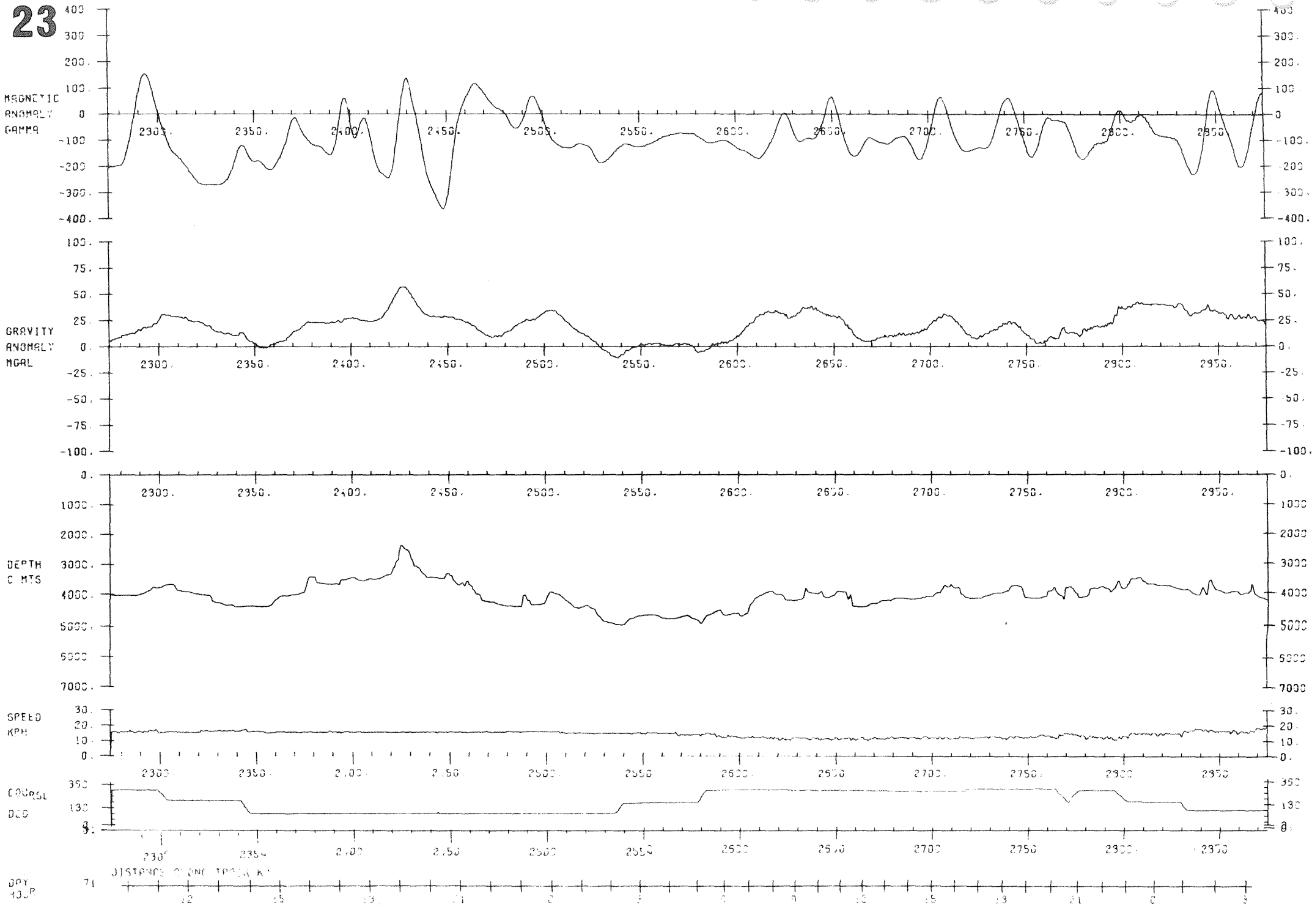
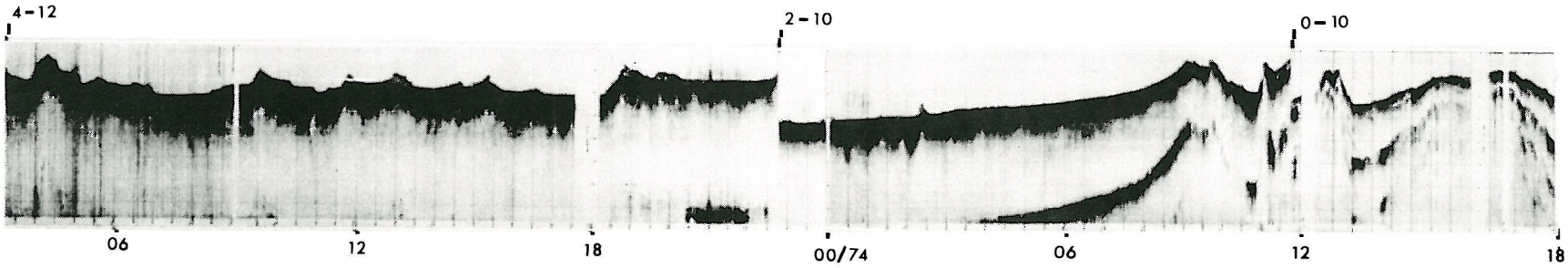
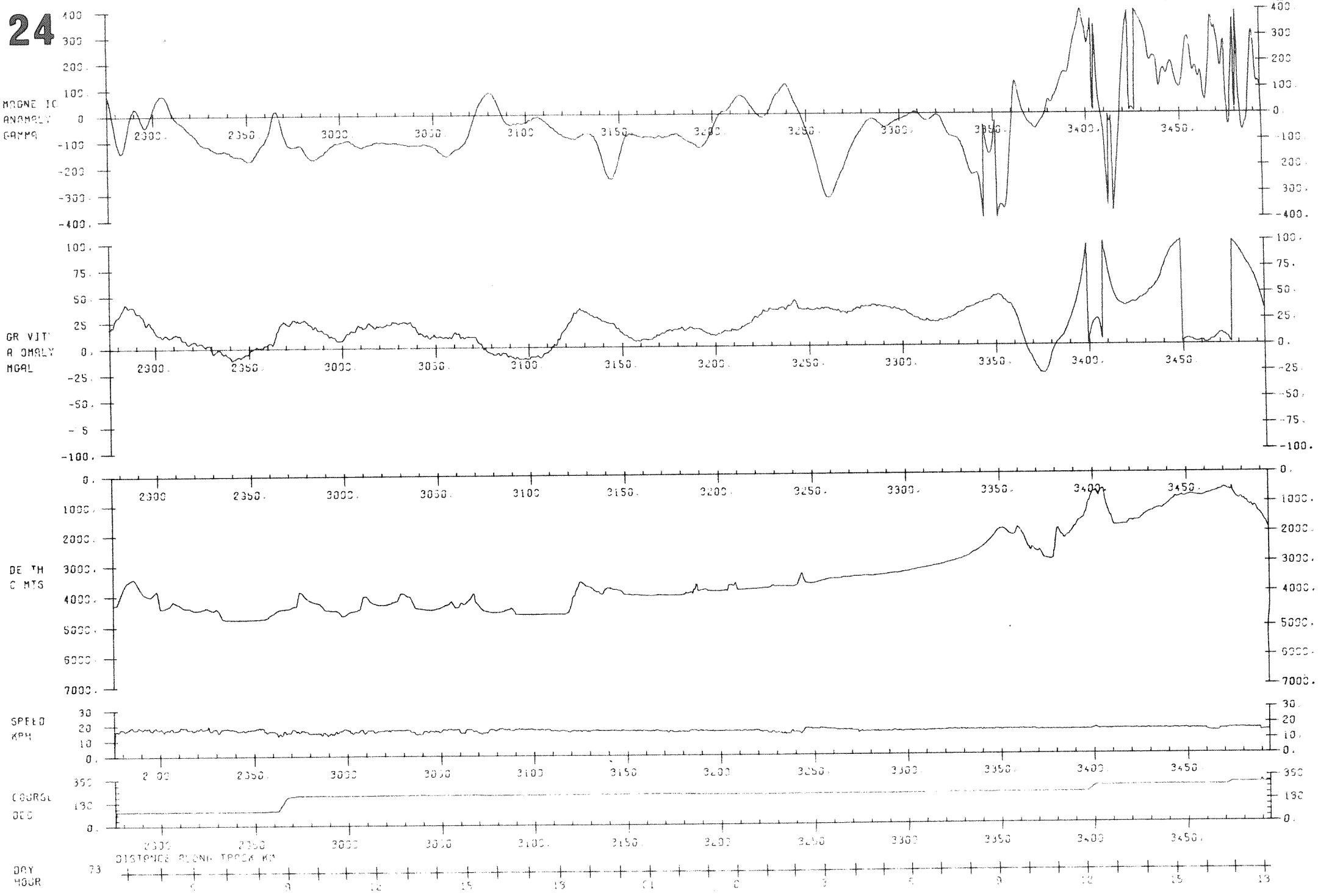
21
0
3
6
9


2-10
4-12
12
18
00/72
06
12
18
00/73


MAGNETIC ANOMALY GAMMA
400
300
200
100
0
-100
-200
-300
-400
2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
GRAVITY ANOMALY MGAL
100
75
50
25
0
-25
-50
-75
-100
DEPTH C MTS
0
1000
2000
3000
4000
5000
6000
7000
SPEED KPH
30
20
10
0
COURSE DEG
360
180
0
DAY HOUR
DISTANCE ALONG TRACK KM


4-12
2-10
0-10
06
12
18
00/74
06
12
18


MAGNETIC ANOMALY GAMMA
GRAVITY ANOMALY MGAL
DEPTH METRES
SPEED KPH
COURSE DEG
DAY HOUR
DISTANCE ALONG TRACK KM
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3050
3100
3150
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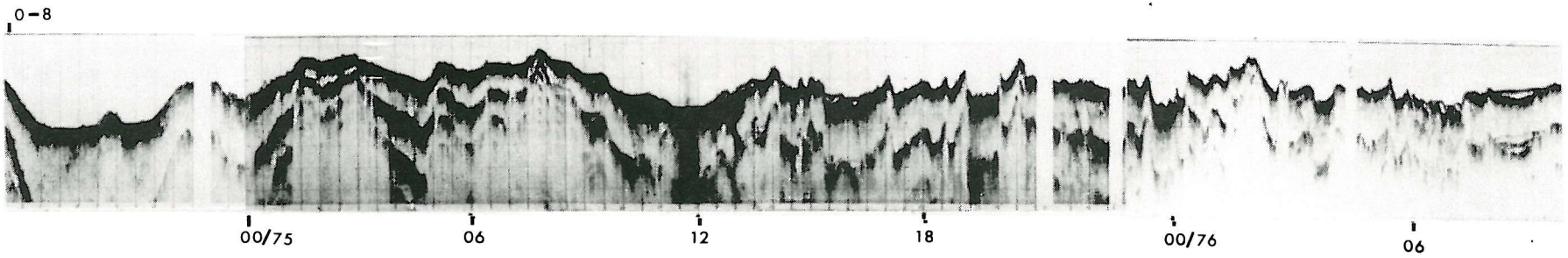
3300
3350
3400
3450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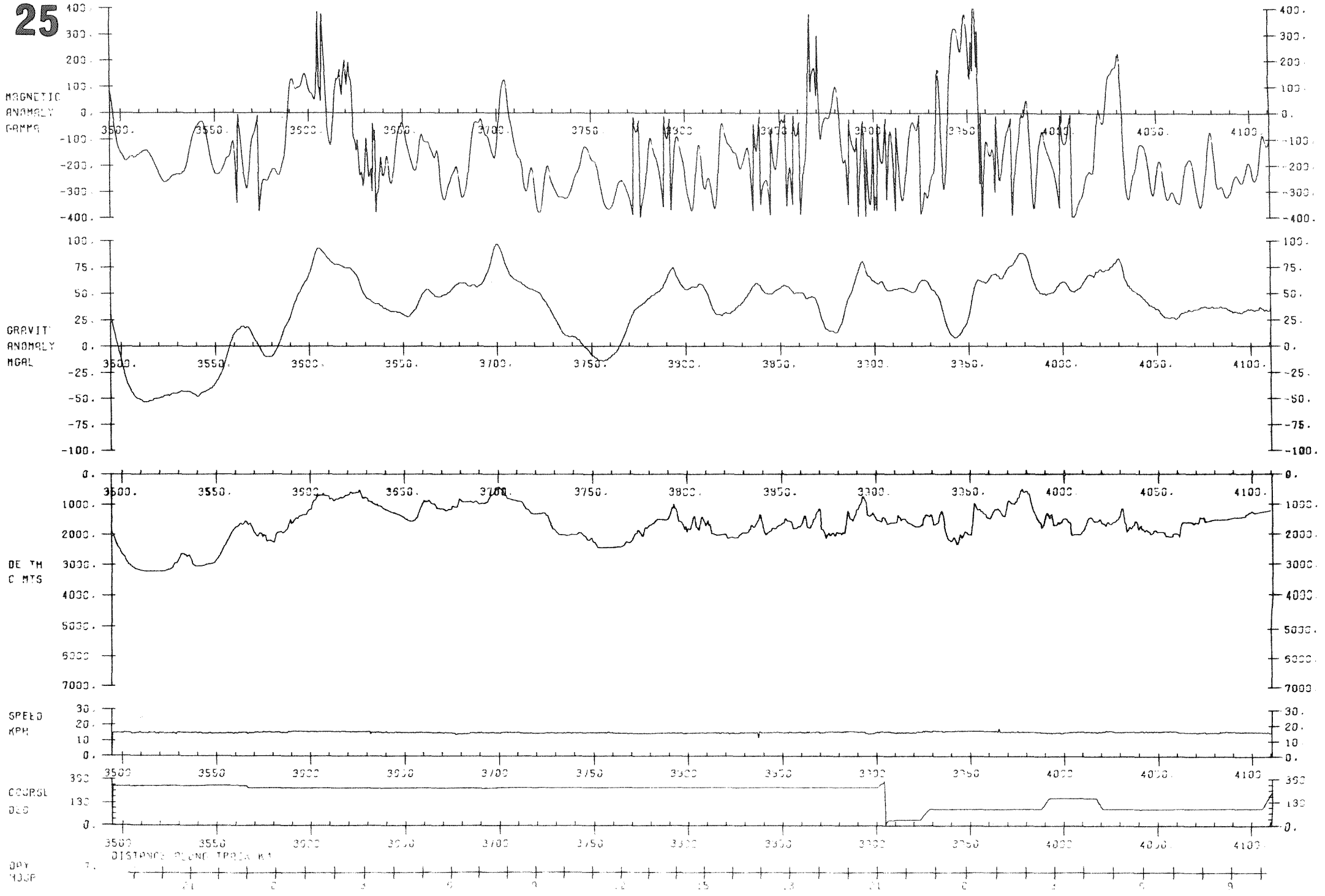
00/75
06
12
18
00/76
06


MAGNETIC ANOMALY GAMMA
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0.
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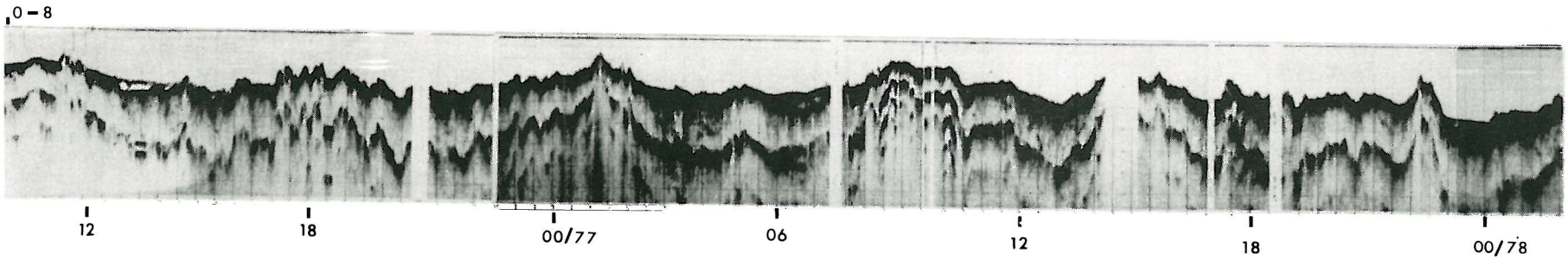
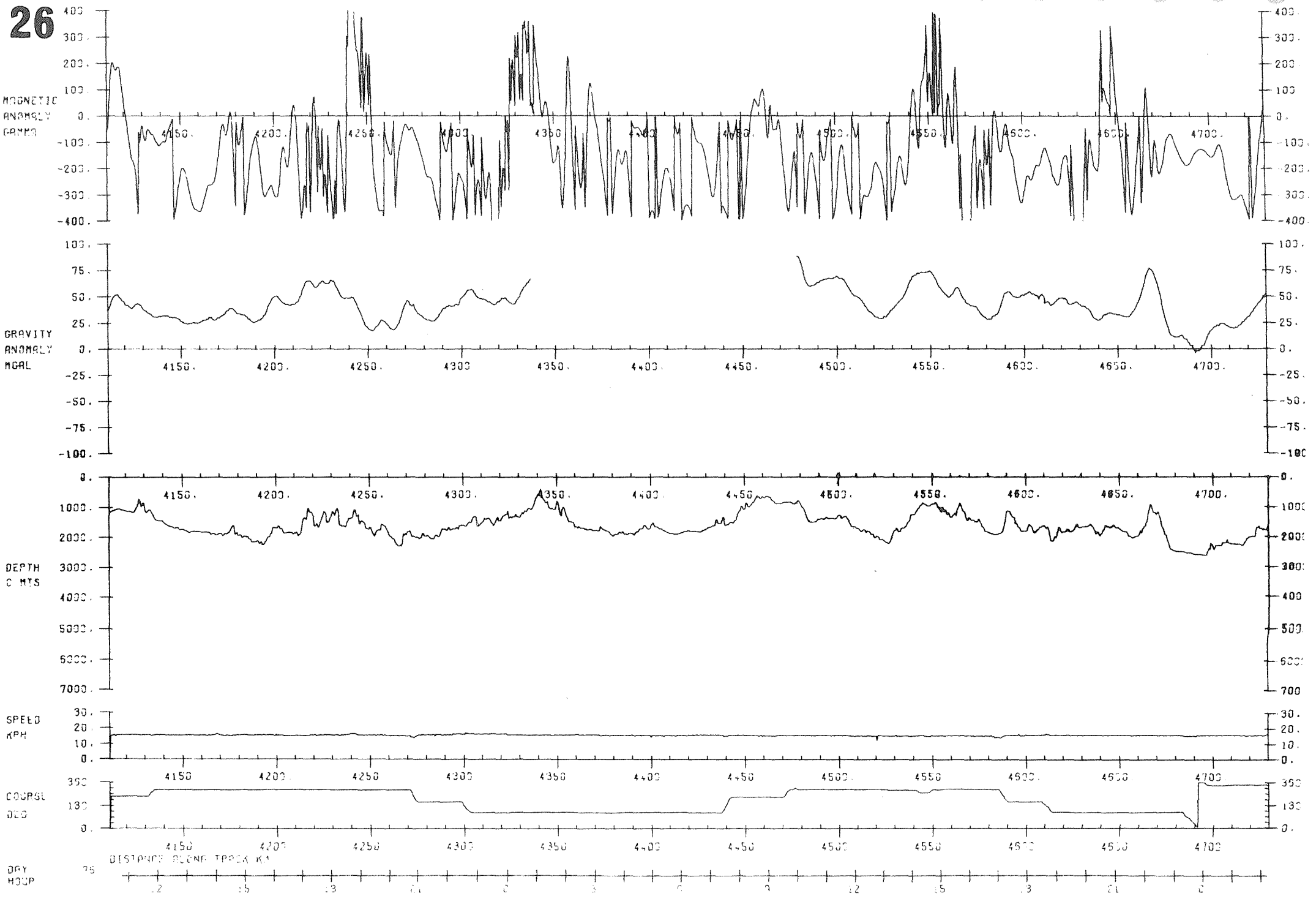
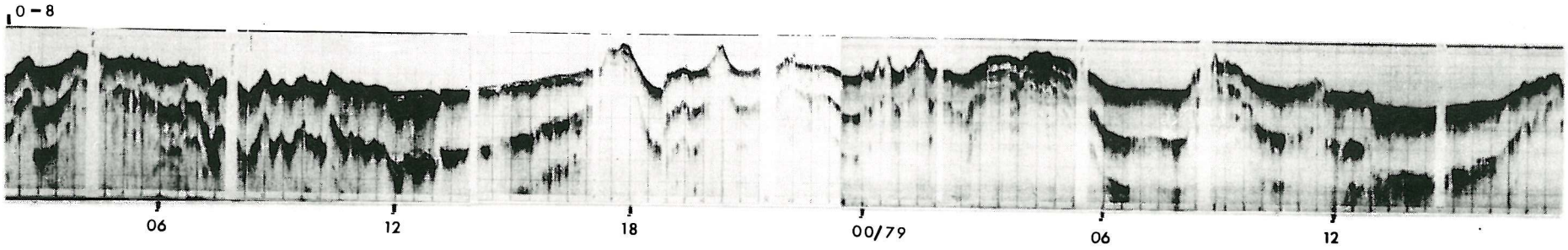
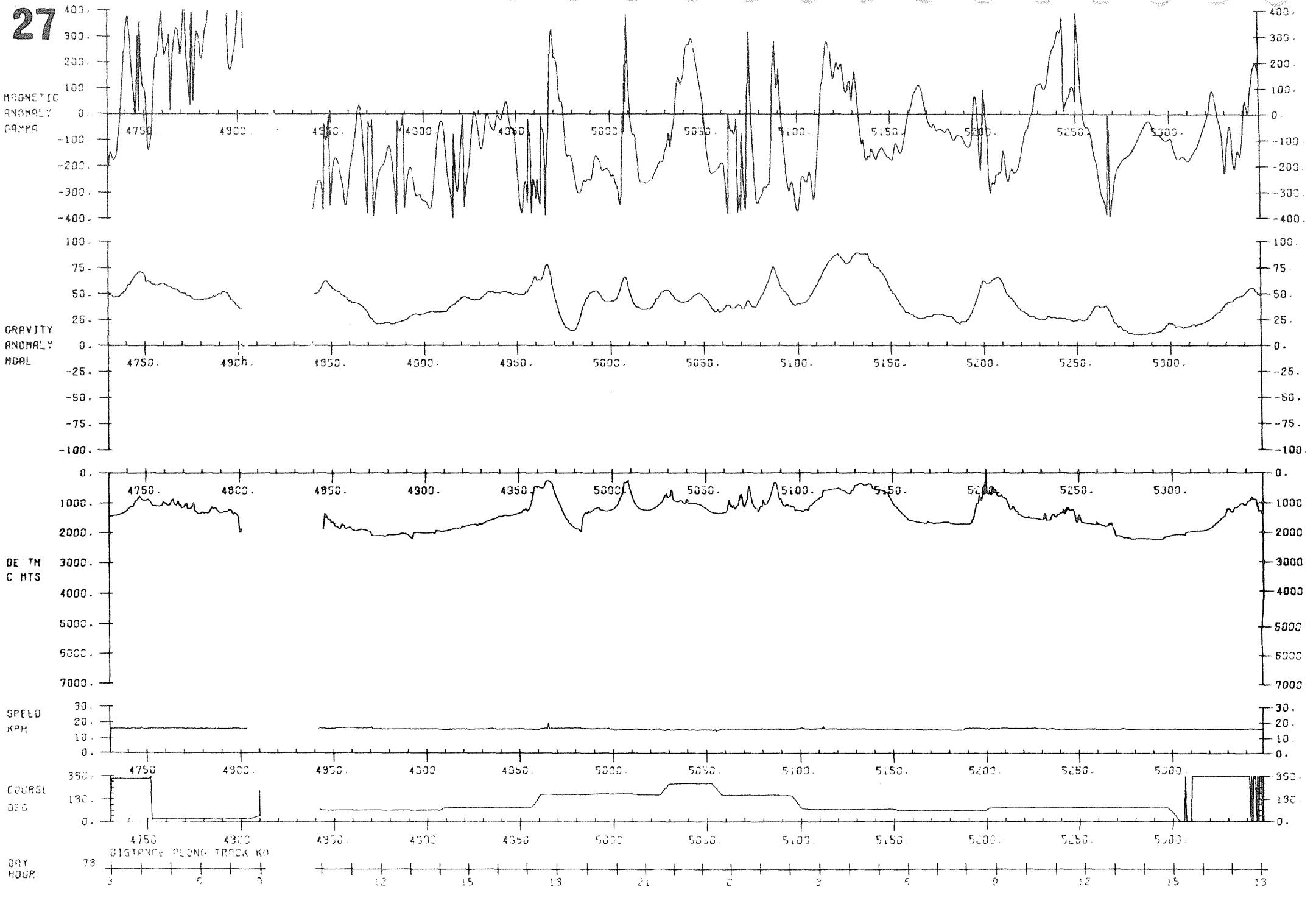
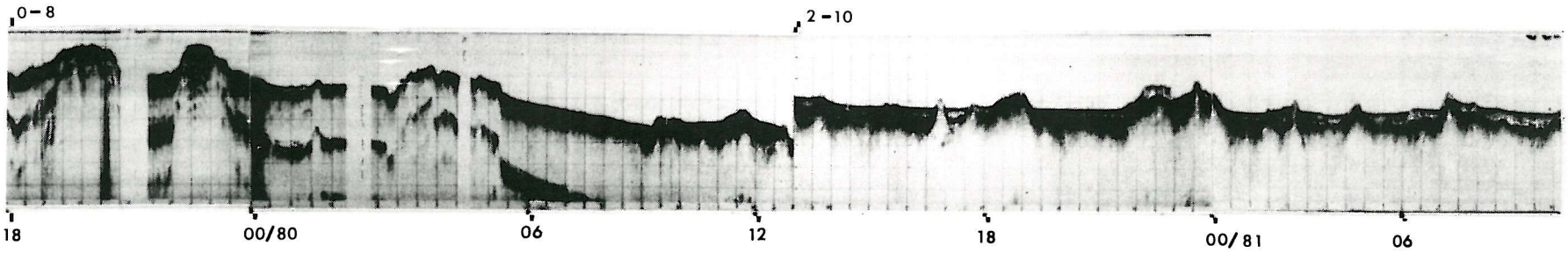
-200.
-300.
-400.
3500.
3550.
3600.
3650.
3700.
3750.
3800.
3850.
3900.
3950.
4000.
4050.
4100.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH METRES
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360
180
0.
DAY HOUR
DISTANCE ALONG TRACK KM

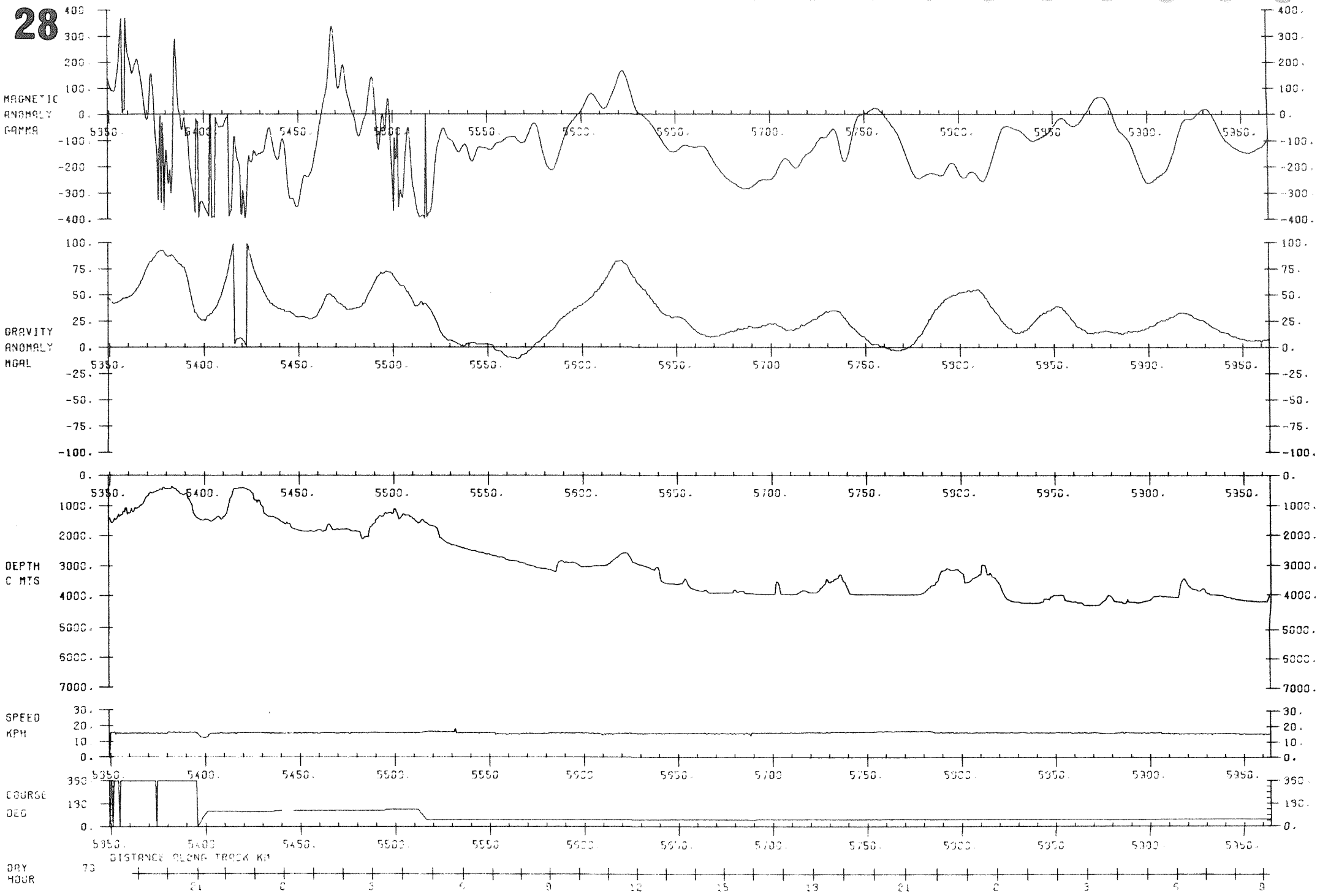

0 – 8
12
18
00/77
06
12
18
00/78

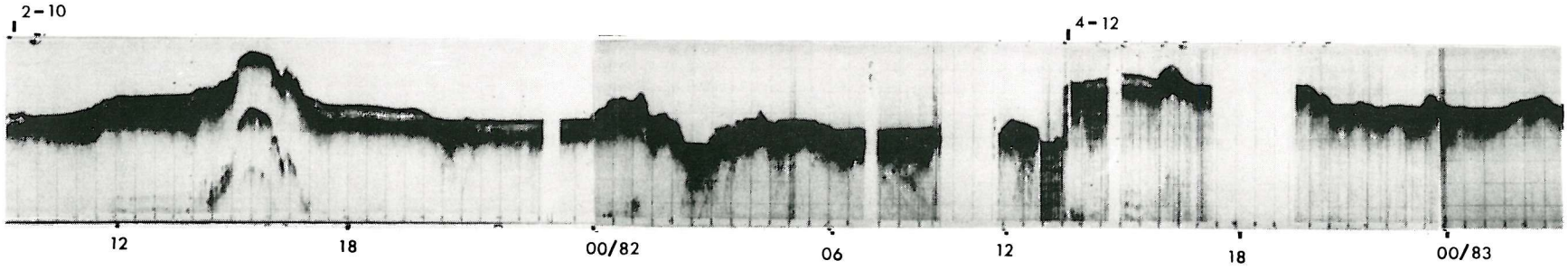

MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
4150.
4200.
4250.
4300.
4350.
4400.
4450.
4500.
4550.
4600.
4650.
4700.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360
180
0.
DAY HOUR
DISTANCE ALONG TRACK KM


0 – 8
06
12
18
00/79
06
12


27
MAGNETIC ANOMALY GAMMA
GRAVITY ANOMALY MGAL
DEPTH C MTS
SPEED KPH
COURSE DEG
DAY HOUR
DISTANCE ALONG TRACK KM


0-8
2-10
18
00/80
06
12
18
00/81
06


MAGNETIC ANOMALY GAMMA
400.
300.
200.
100.
0.
-100.
-200.
-300.
-400.
GRAVITY ANOMALY MGAL
100.
75.
50.
25.
0.
-25.
-50.
-75.
-100.
DEPTH C MTS
0.
1000.
2000.
3000.
4000.
5000.
6000.
7000.
SPEED KPH
30.
20.
10.
0.
COURSE DEG
360
180
0.
5350.
5400.
5450.
5500.
5550.
5600.
5650.
5700.
5750.
5800.
5850.
5900.
5950.
DISTANCE ALONG TRACK KM
DAY HOUR
21
0
3
6
9
12
15
18
21
0
3
6
9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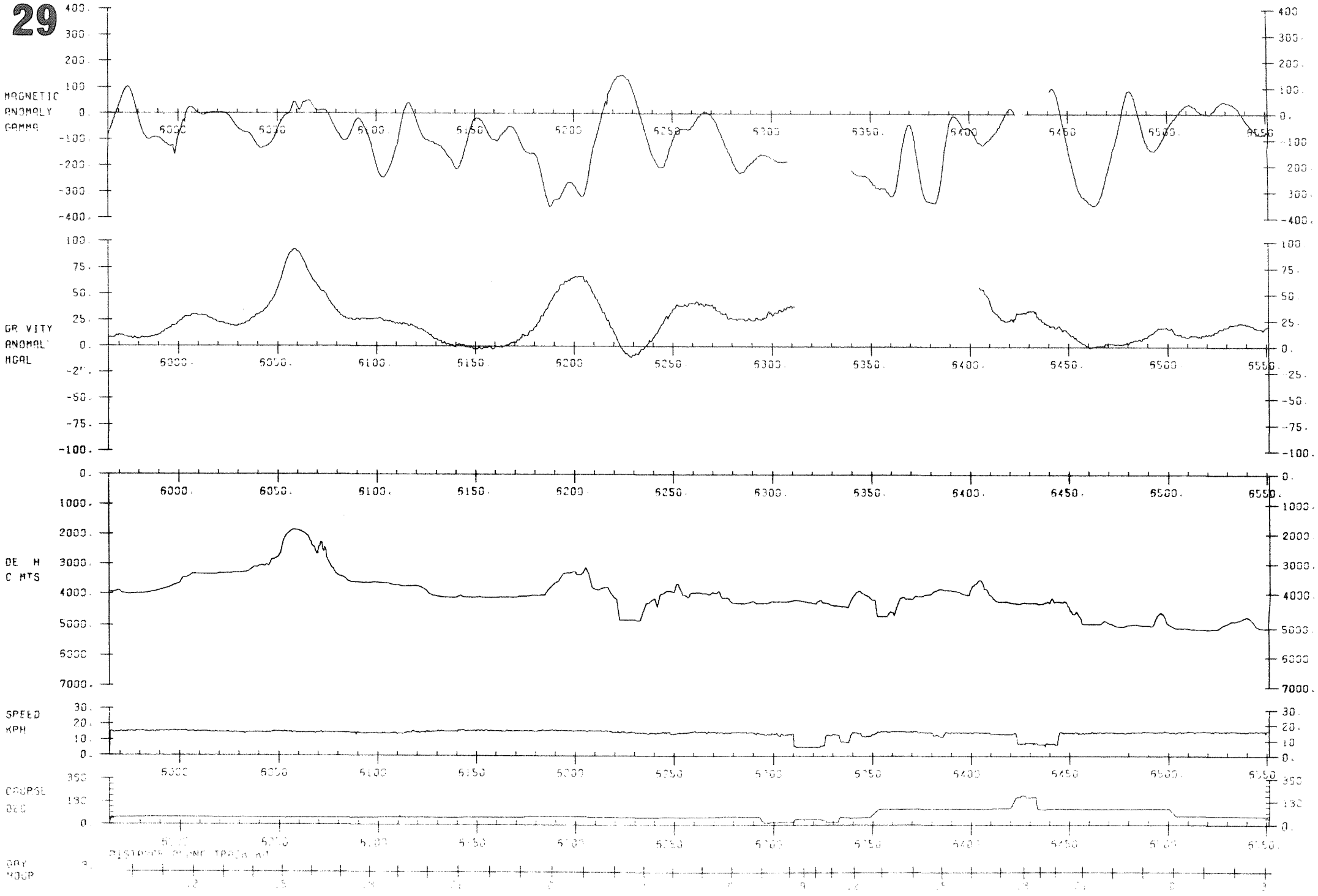
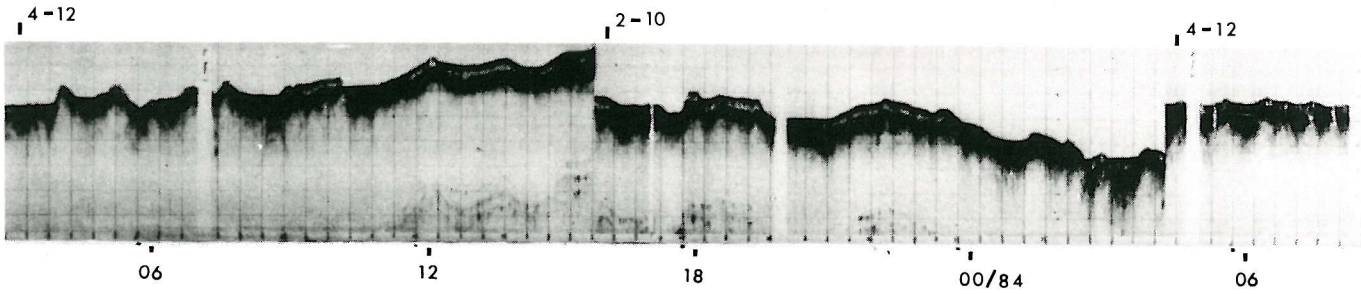
4-12
12
18
00/82
06
12
18
00/83


MAGNETIC ANOMALY GAMMA
GR VITY ANOMAL MGAL
DE H C MTS
SPEED KPH
COURSE DEG
GRAY HOUR
DISTANCE ALONG TRACK KM



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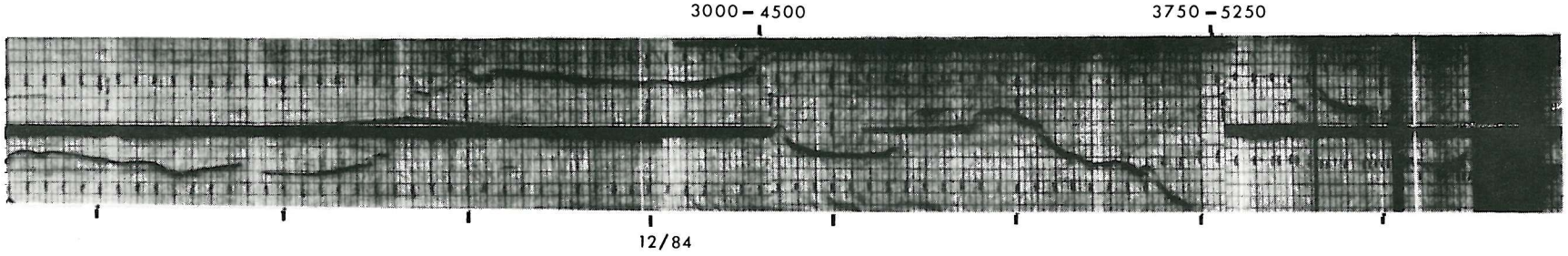
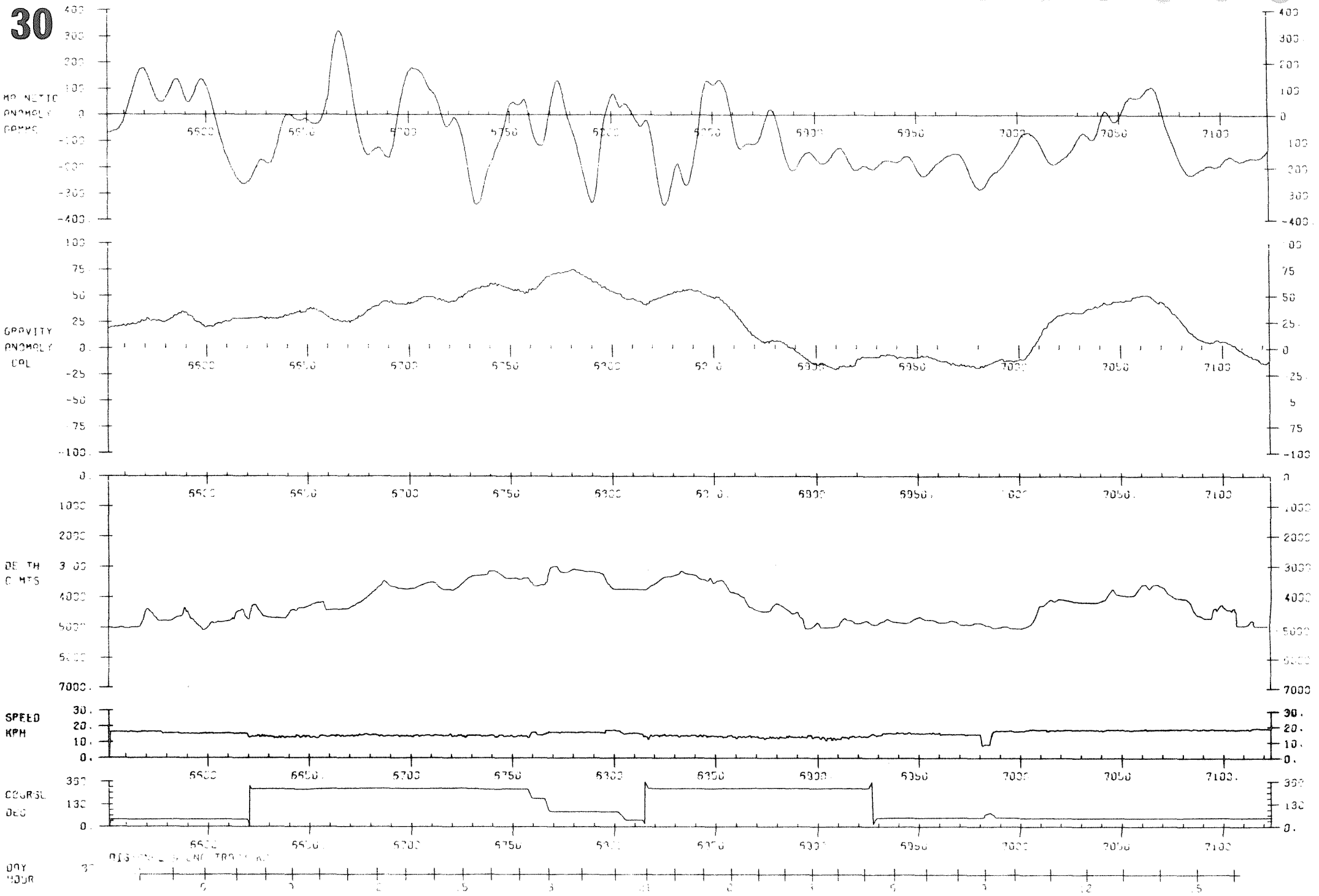
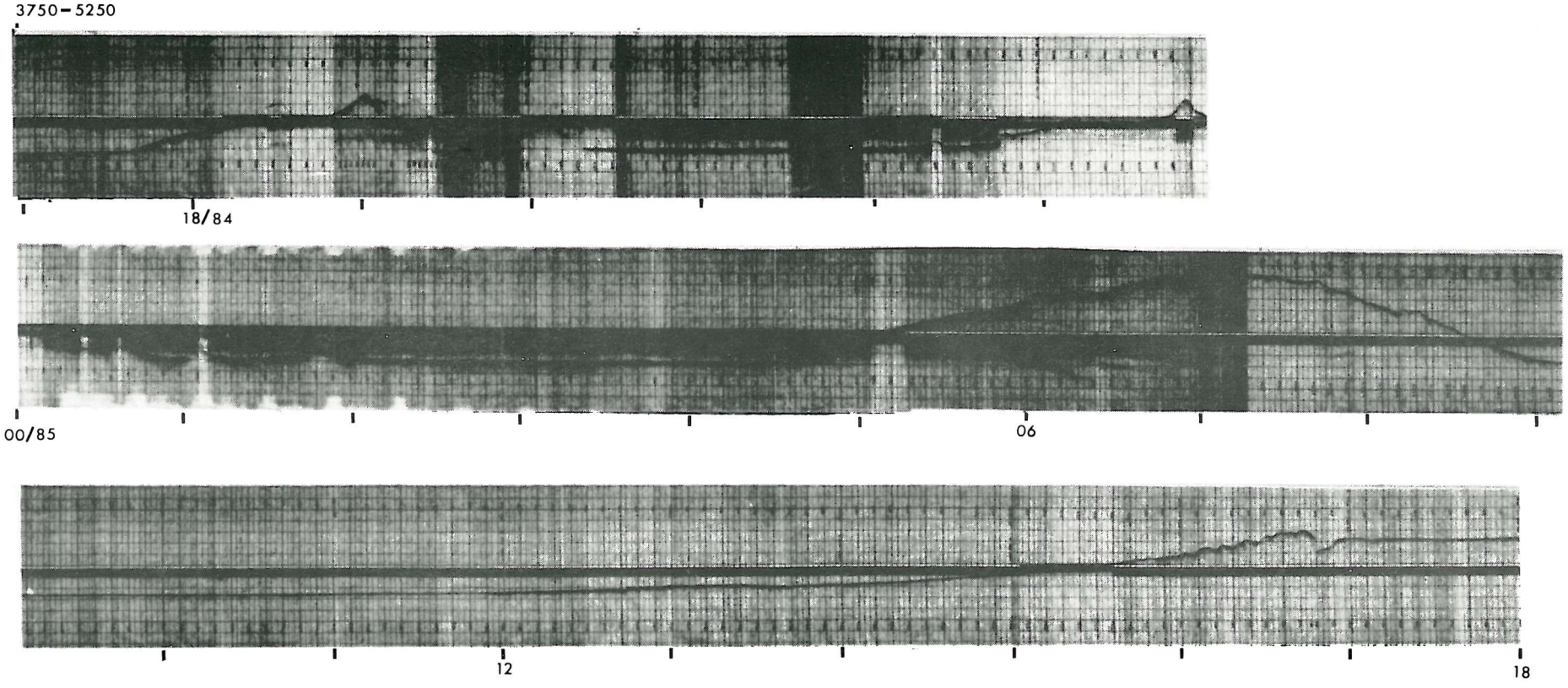
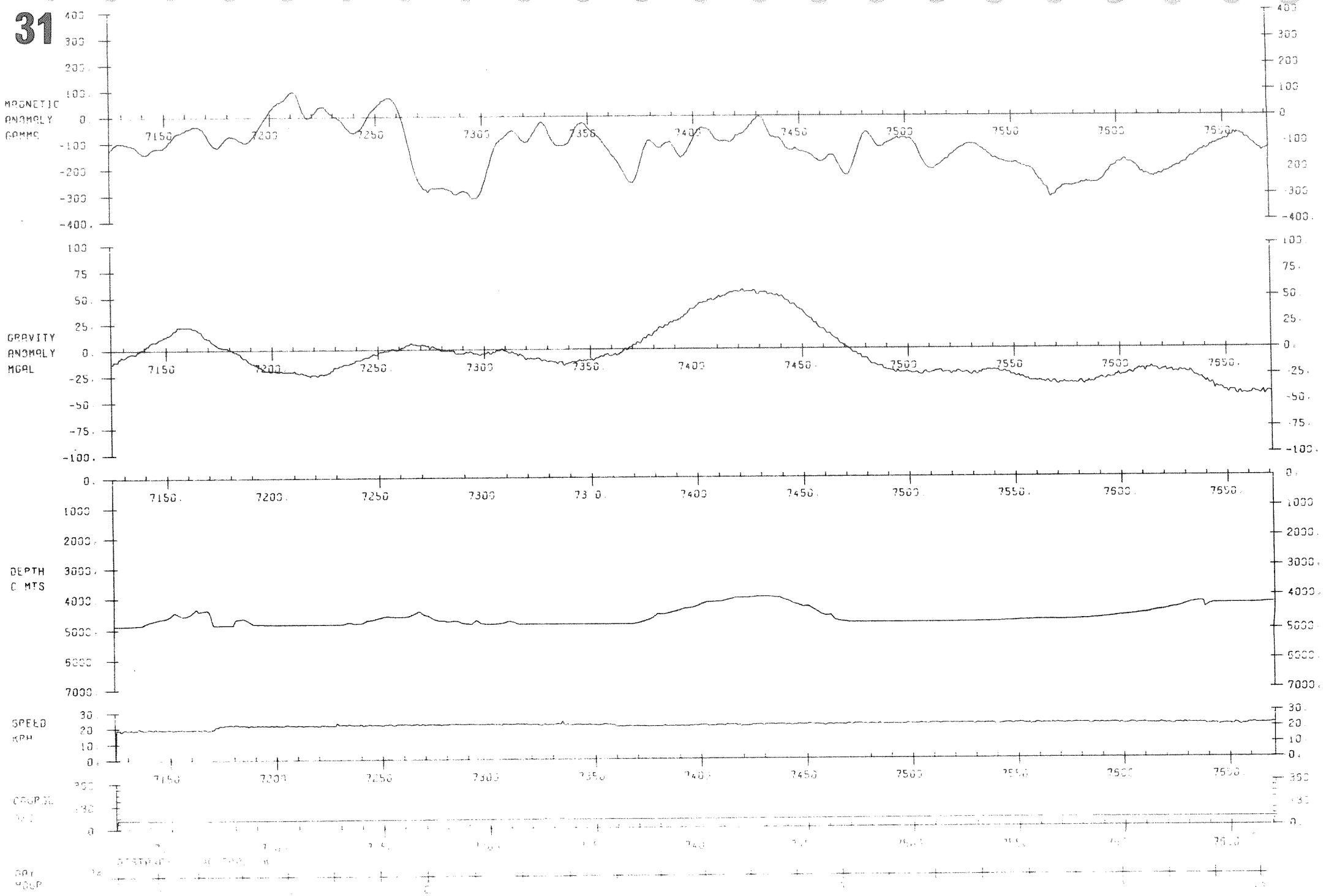


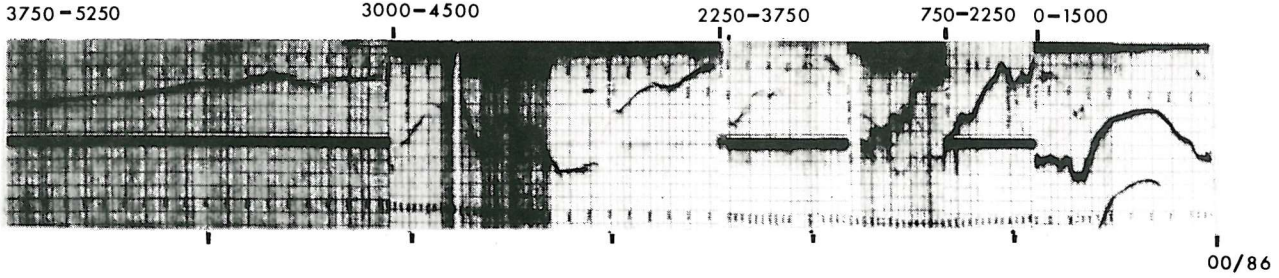

MAGNETIC ANOMALY GAMMS
GRAVITY ANOMALY MGL
DEPTH METRS
SPEED KPH
COURSE DEG
DAY HOUR

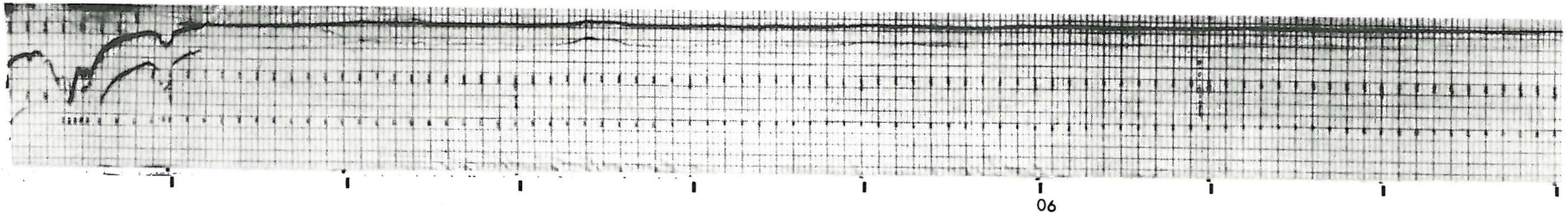
P.E.S.

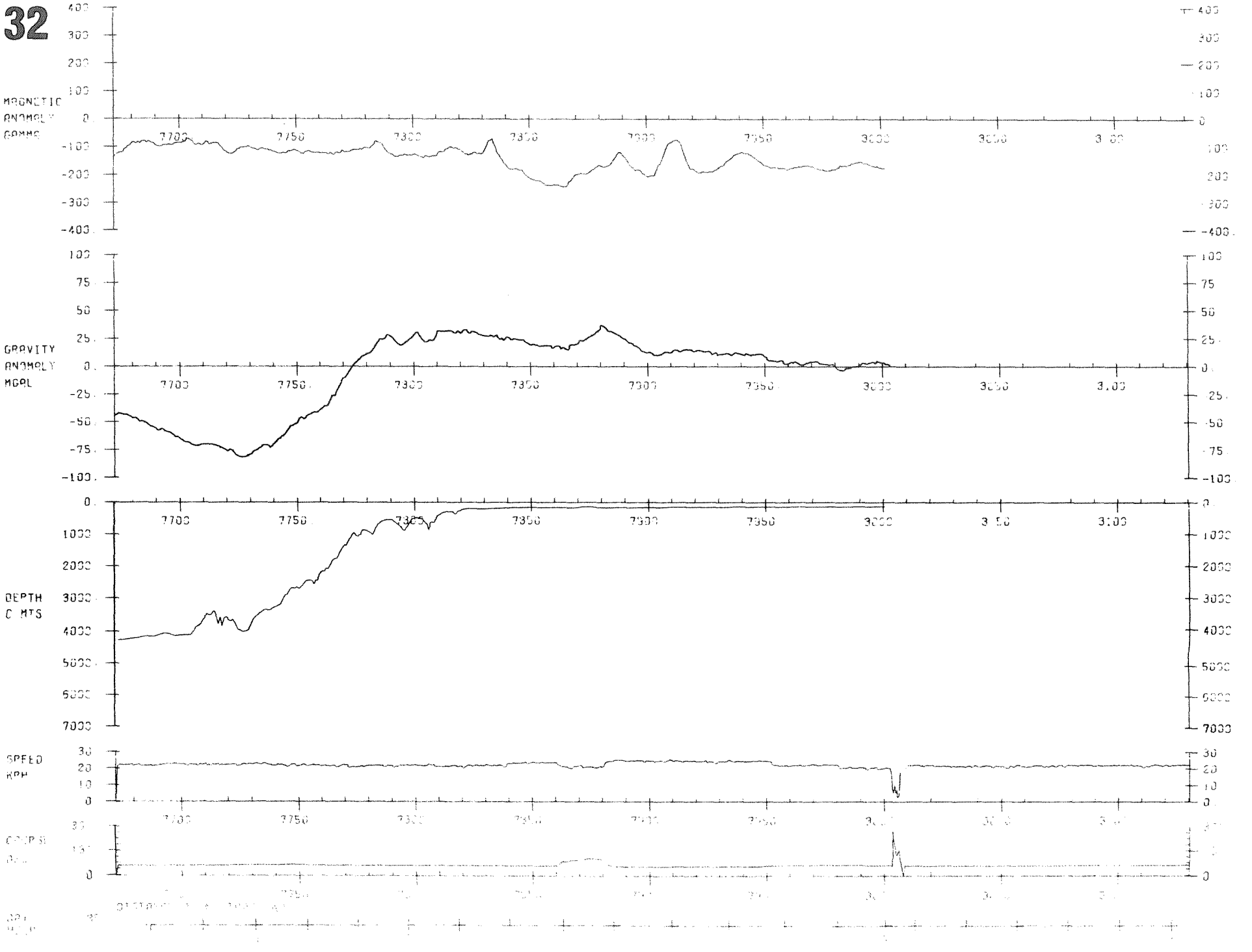



MAGNETIC
ANOMALY
GAMMS
400
300
200
100
0
-100
-200
-300
-400
7150
7200
7250
7300
7350
7400
7450
7500
7550
7600
7650
GRAVITY
ANOMALY
MGAL
100
75
50
25
0
-25
-50
-75
-100
DEPTH
C MTS
1000
2000
3000
4000
5000
6000
7000
SPEED
KPH
30
20
10
0

P.E.S.

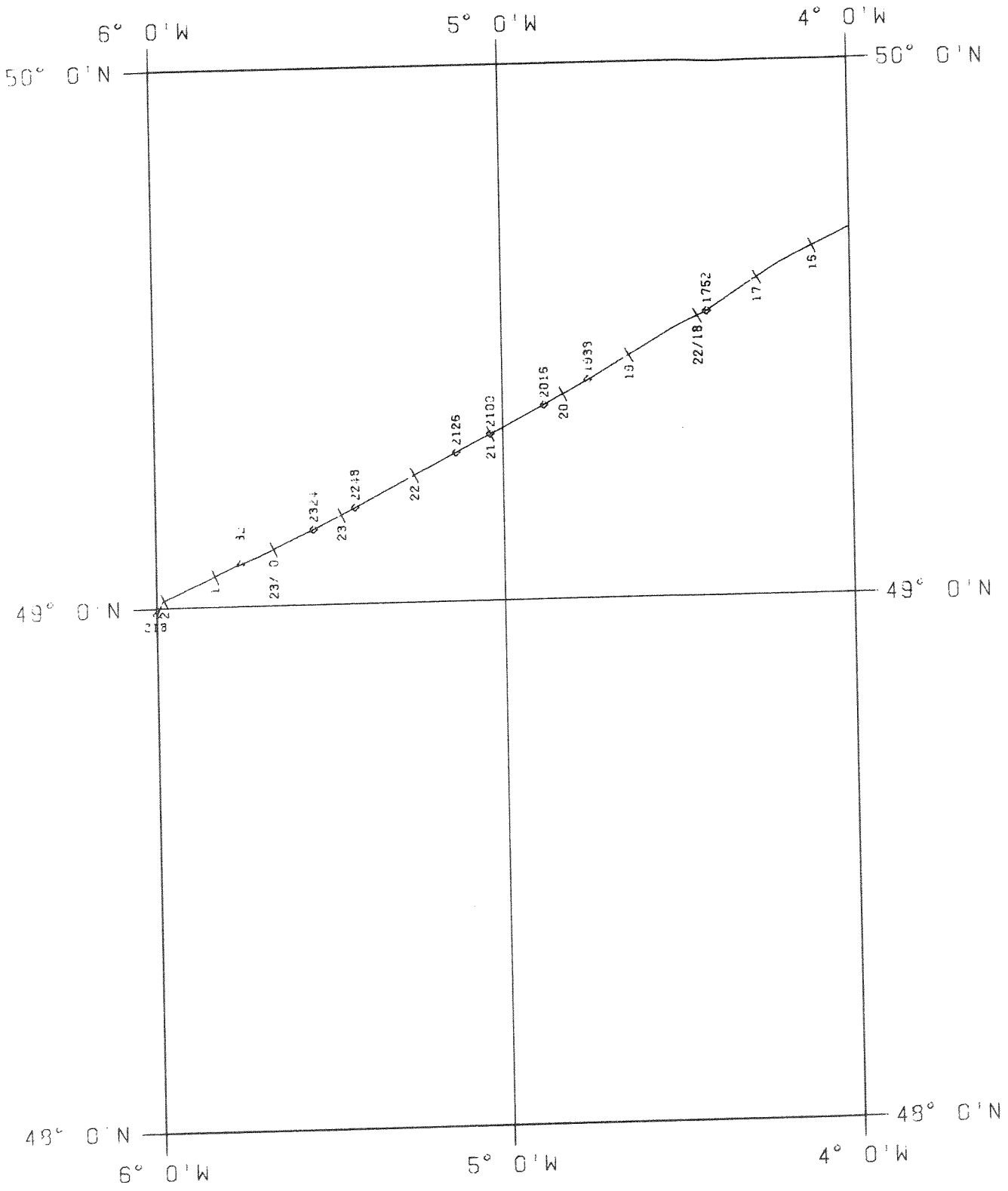


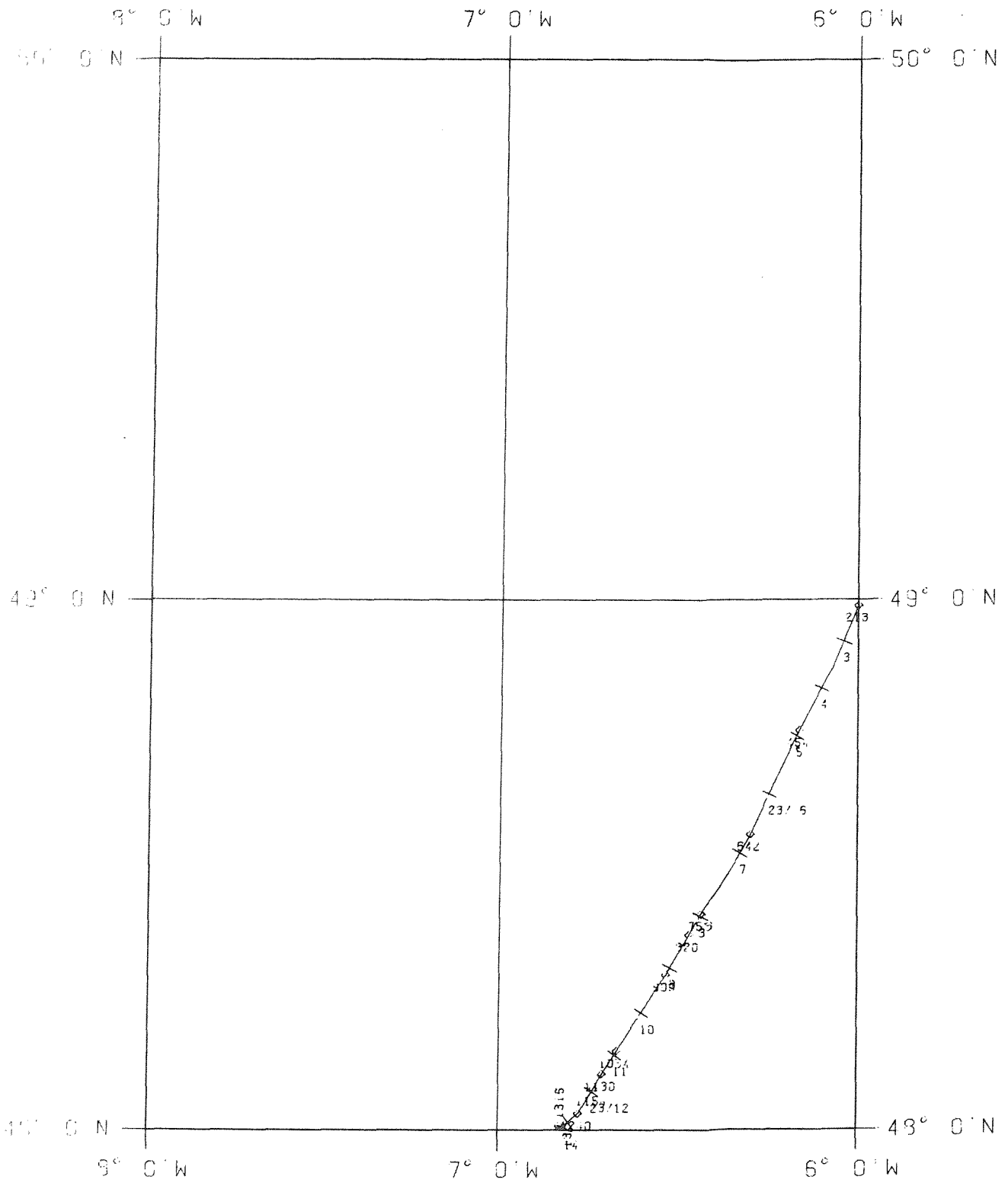



MAGNETIC
ANOMALY
GAMMS
400
300
200
100
0
-100
-200
-300
-400
7700
7750
7800
7850
7900
7950
8000
8050
8100
GRAVITY
ANOMALY
MGAL
100
75
50
25
0
-25
-50
-75
-100
DEPTH
C MTS
1000
2000
3000
4000
5000
6000
7000
SPEED
KPH
30
20
10
0

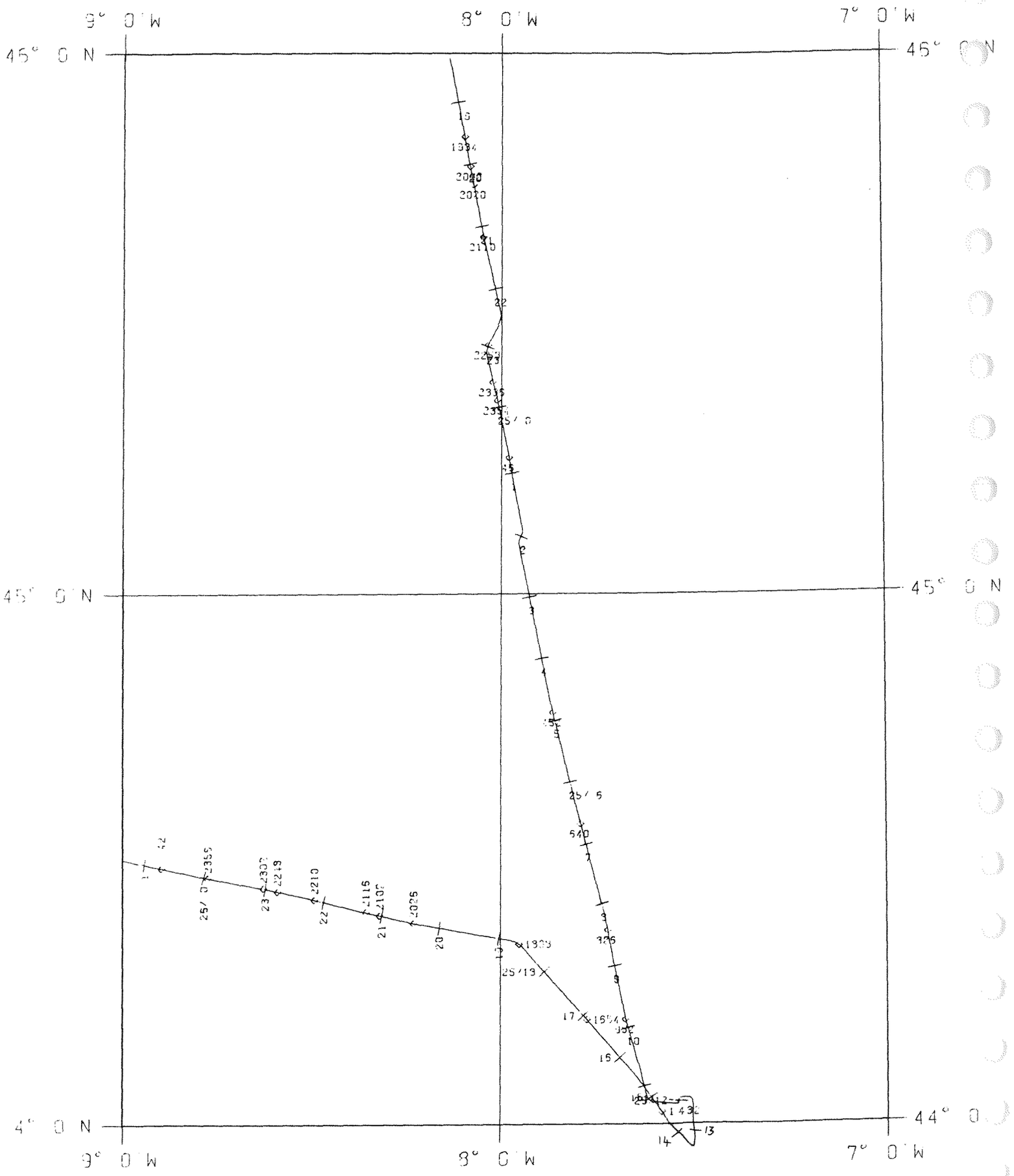
SECTION B

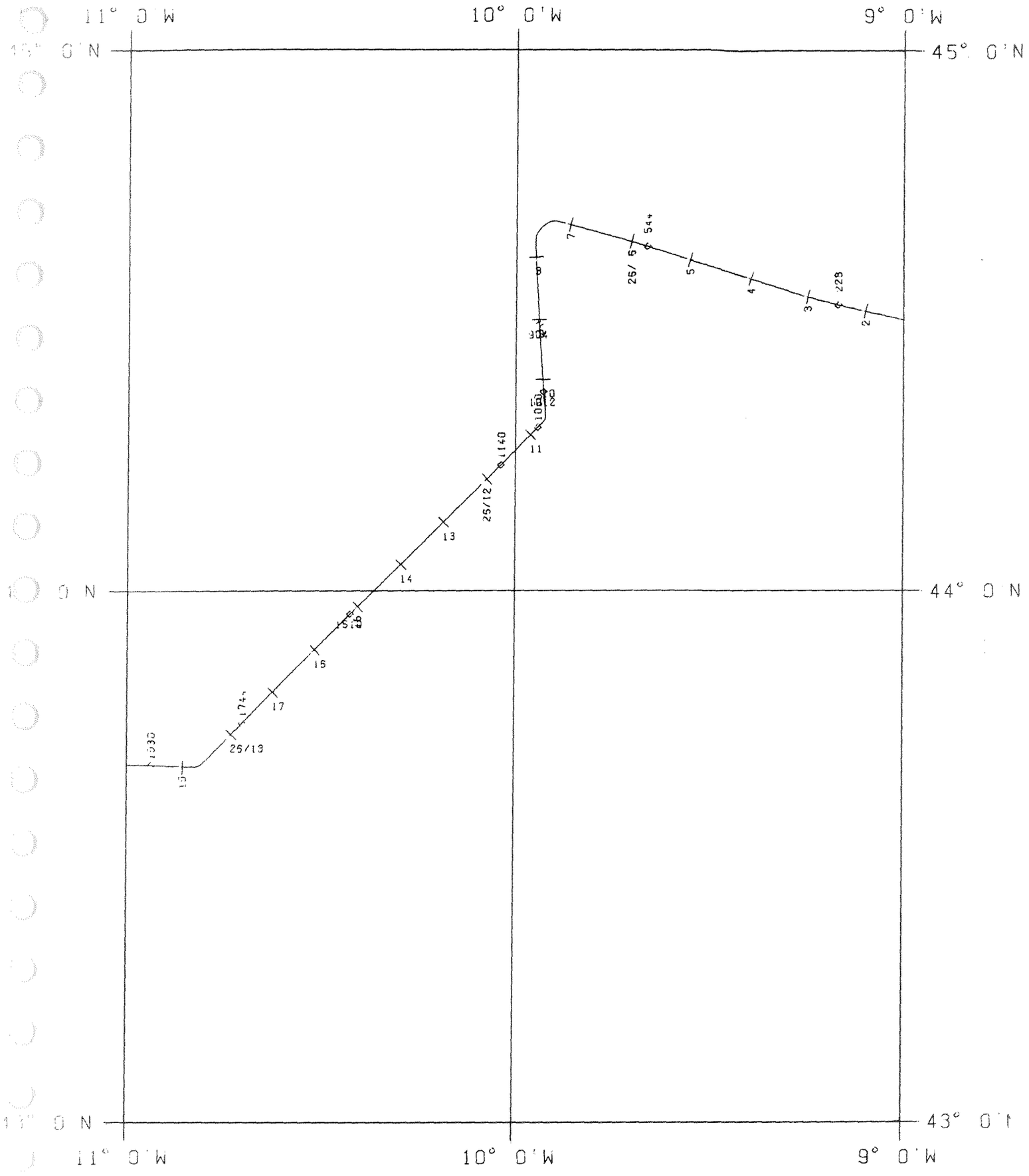
1:1 000 000 TRACK CHARTS

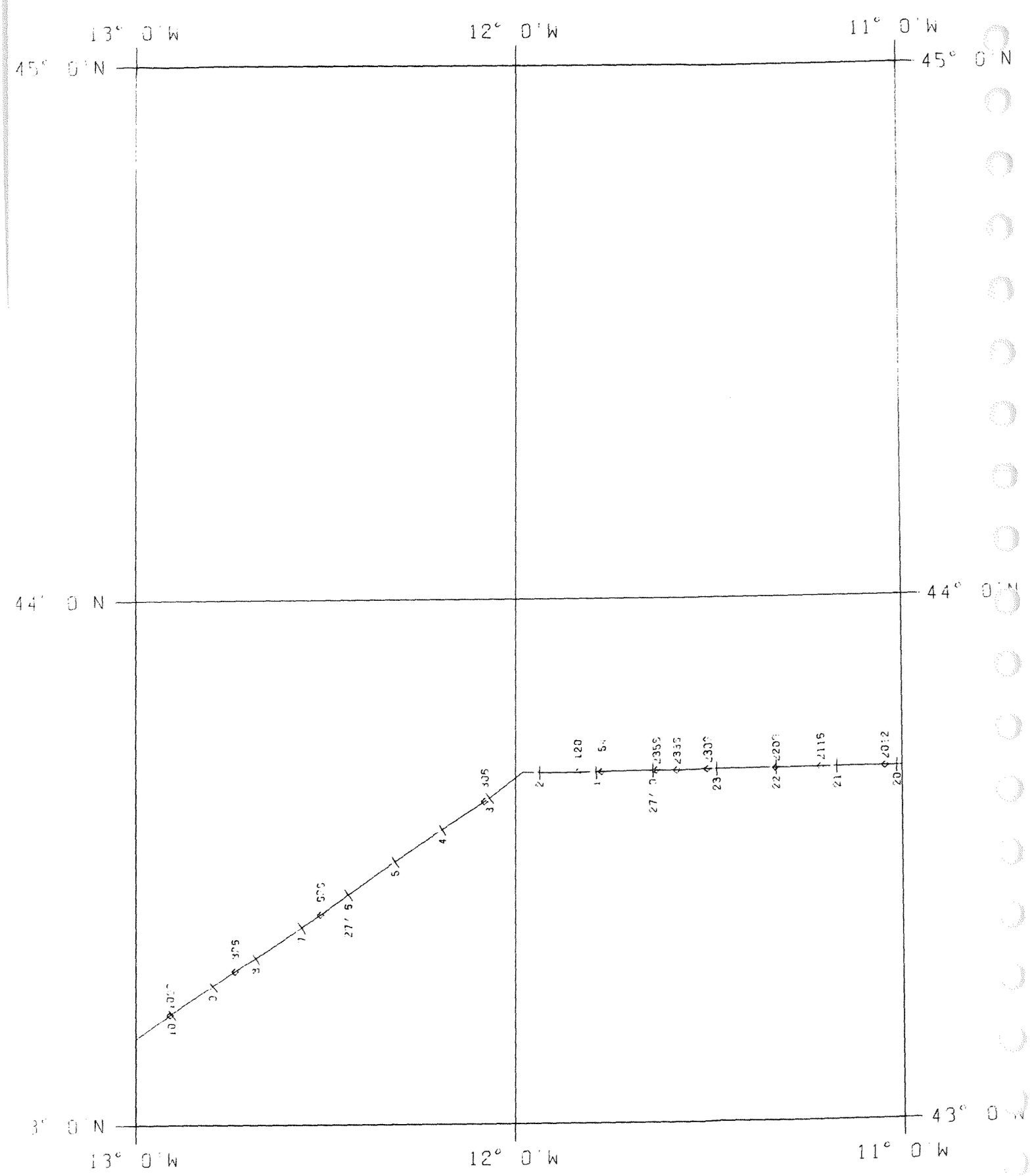

6° 0'W
5° 0'W
4° 0'W
50° 0'N
49° 0'N
48° 0'N
1
23/ 0
2324
23
2248
22
2126
21
2100
2015
20
1939
19
22/18
1752
17
16

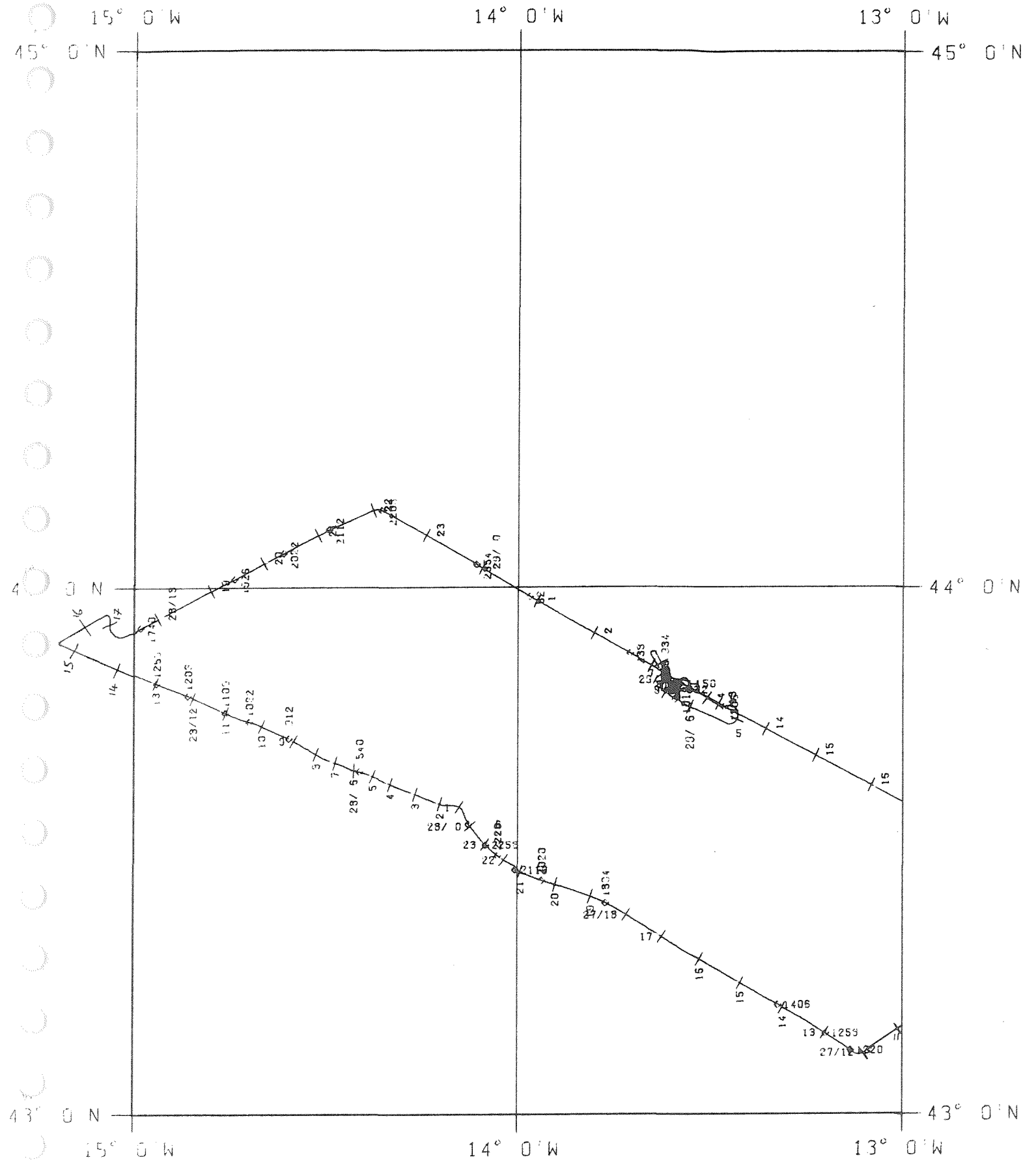

8° 0'W
7° 0'W
6° 0'W
50° 0'N
49° 0'N
48° 0'N

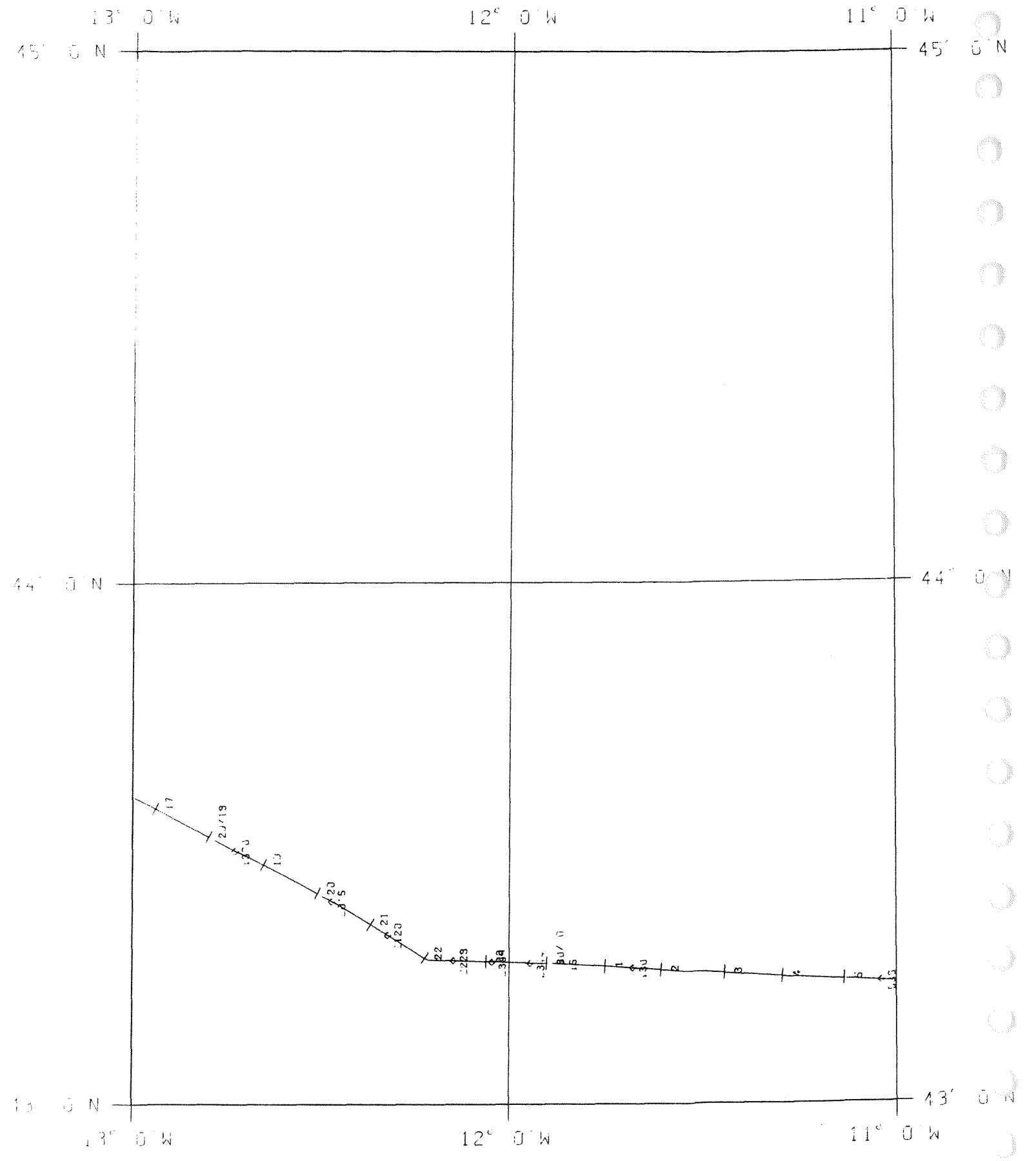
8° 0'W
7° 0'W
48° 0'N
47° 0'N
46° 0'N
24/18

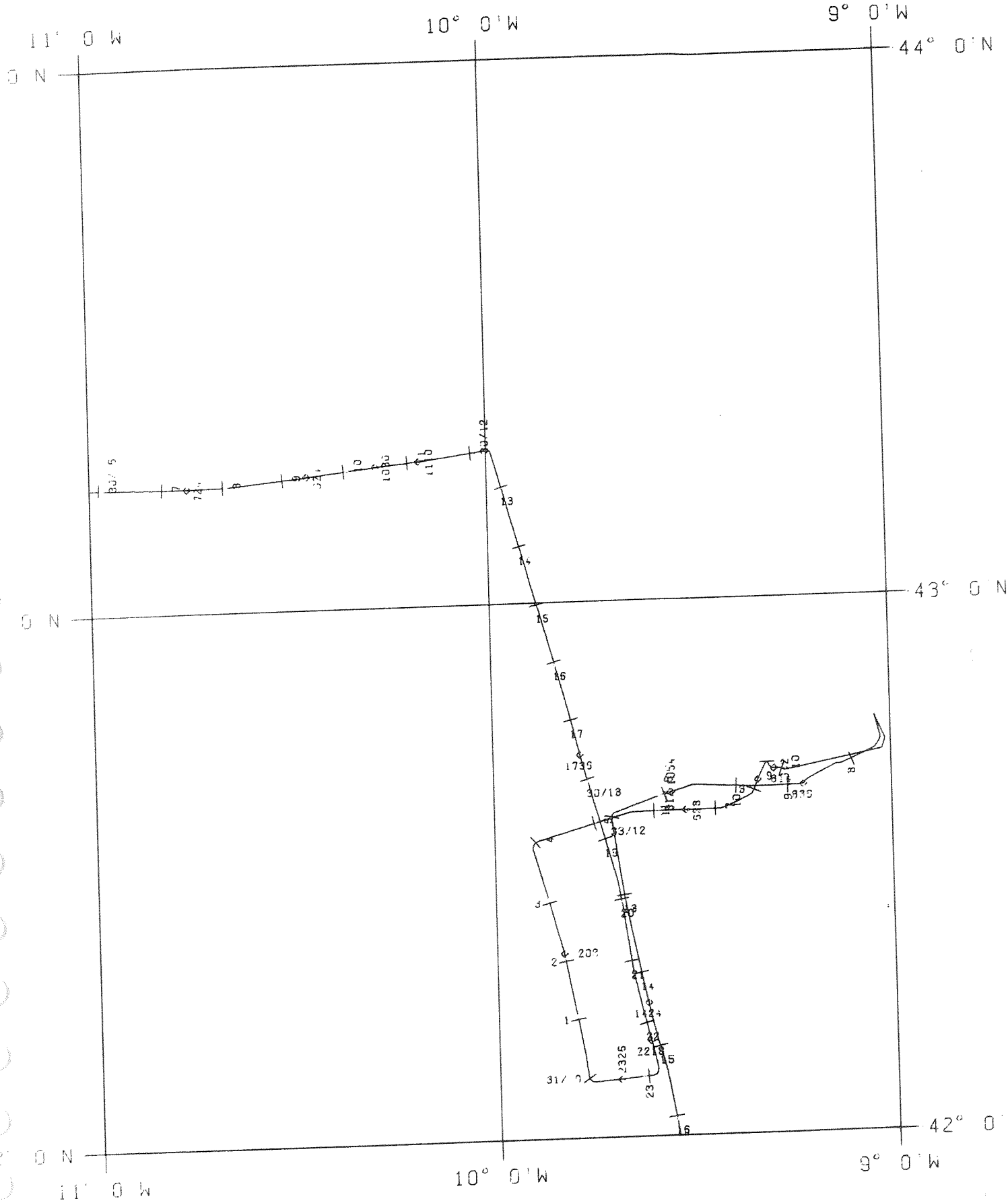

9° 0'W
8° 0'W
7° 0'W
45° 0'N
45° 0'N
45° 0'N
44° 0'N
9° 0'W
8° 0'W
7° 0'W

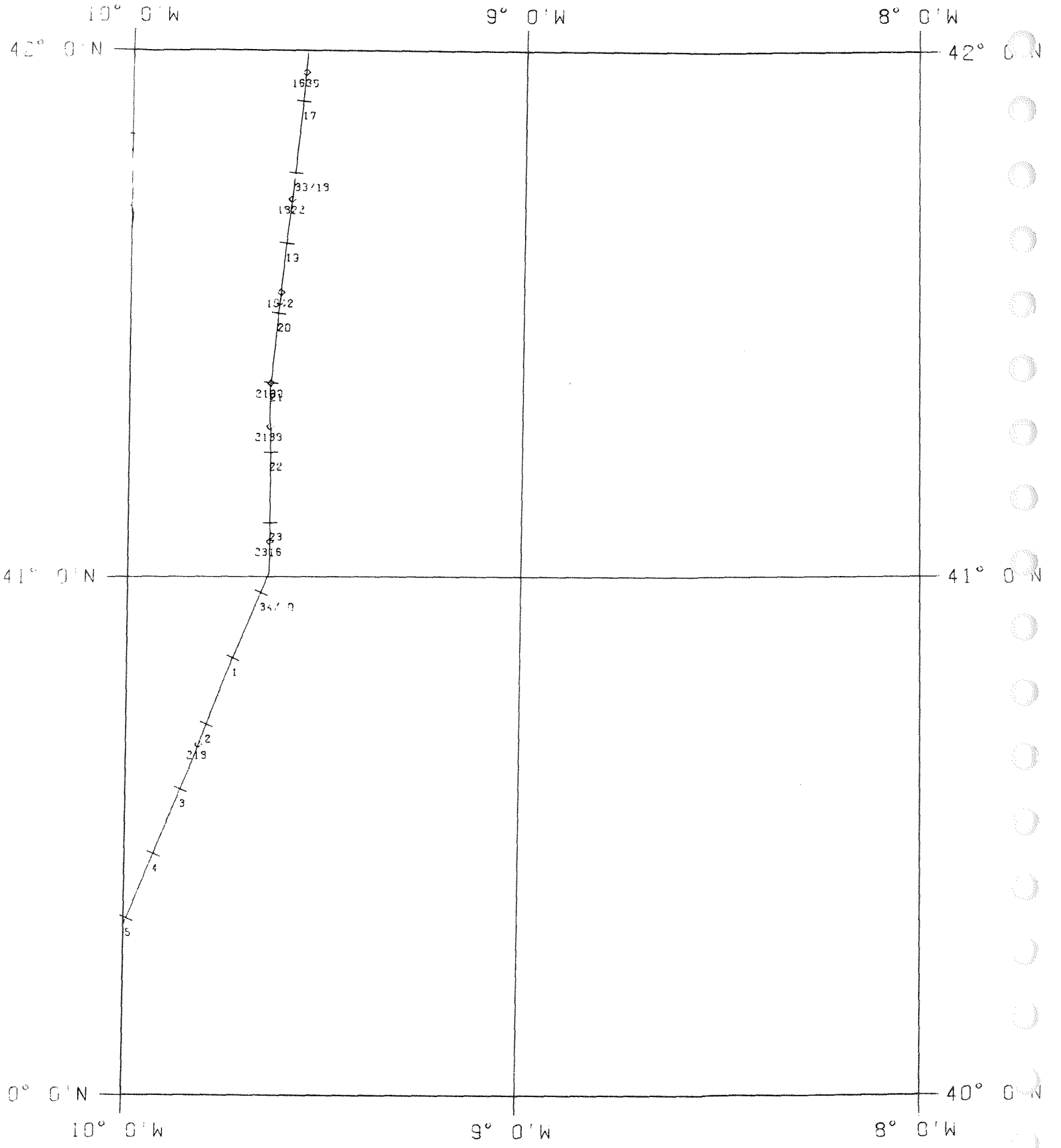

11° 0'W
10° 0'W
9° 0'W
45° 0'N
44° 0'N
43° 0'N
25/13
25/12
1140
25/ 6
544
229
11
13
14
15
17
2
3
4
5
7
8

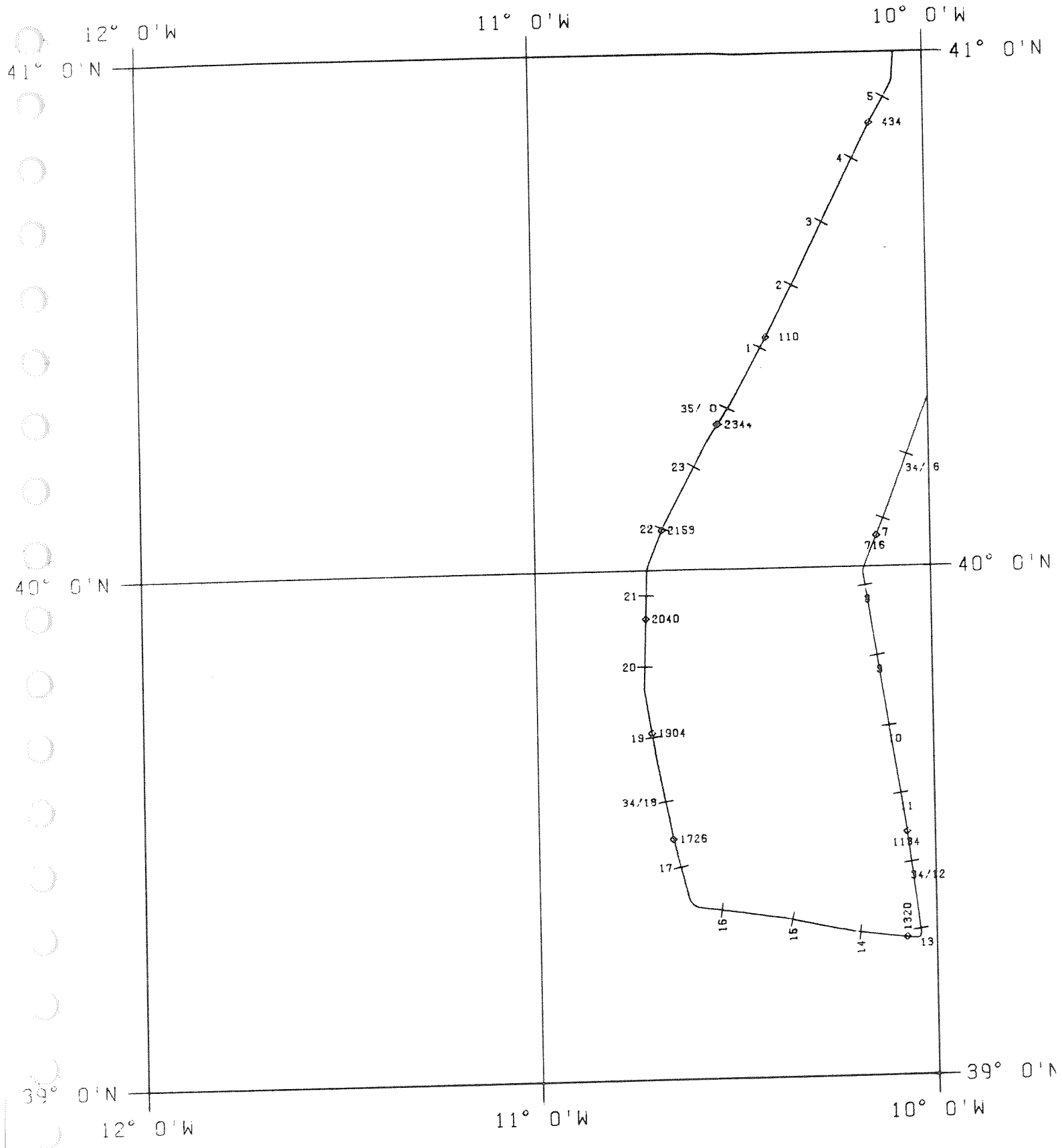

13° 0'W
12° 0'W
11° 0'W
45° 0'N
44° 0'N
43° 0'N

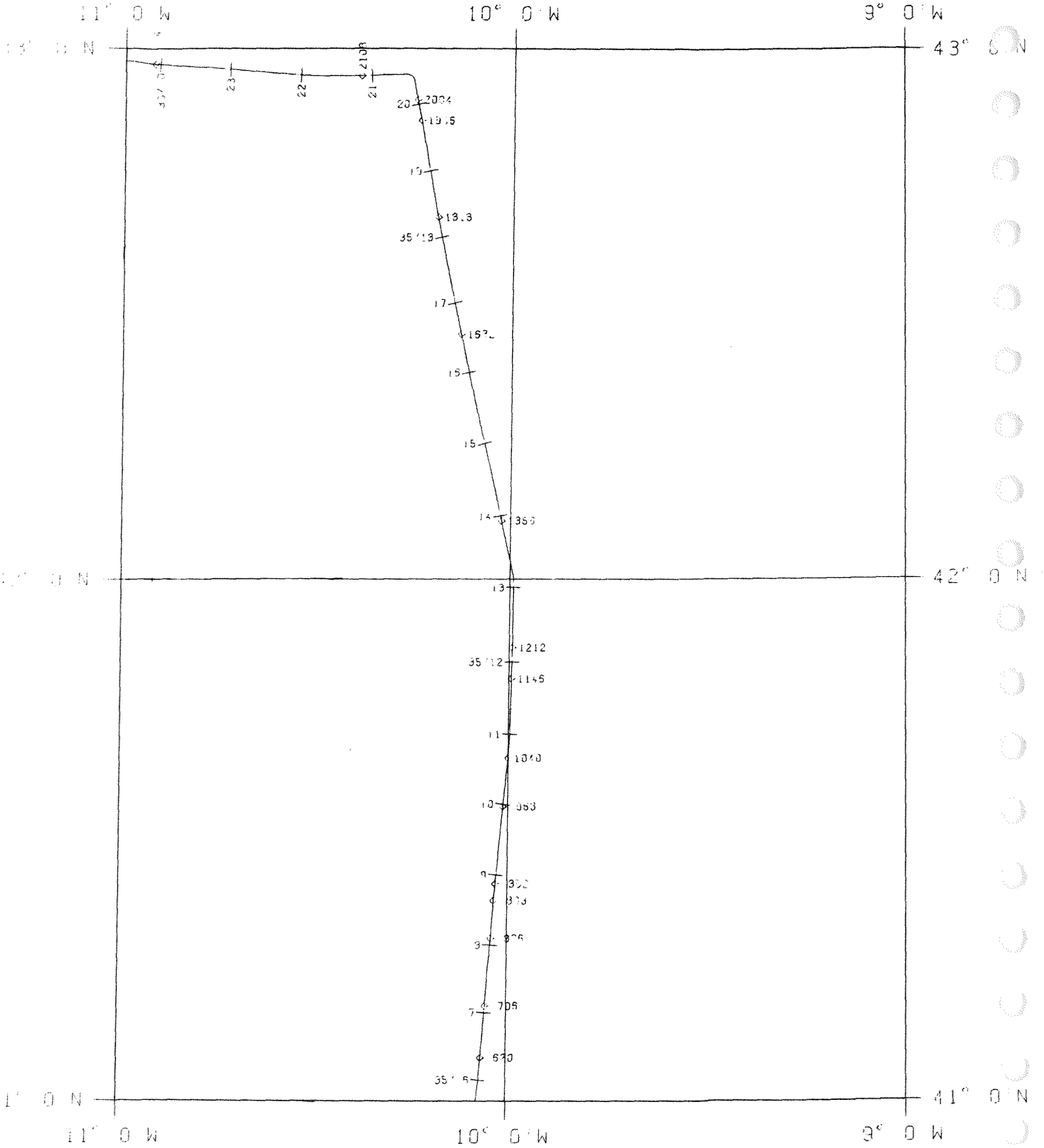

15° 0'W
14° 0'W
13° 0'W
45° 0'N
44° 0'N
43° 0'N


13° 0' W
12° 0' W
11° 0' W
45° 0' N
44° 0' N
43° 0' N

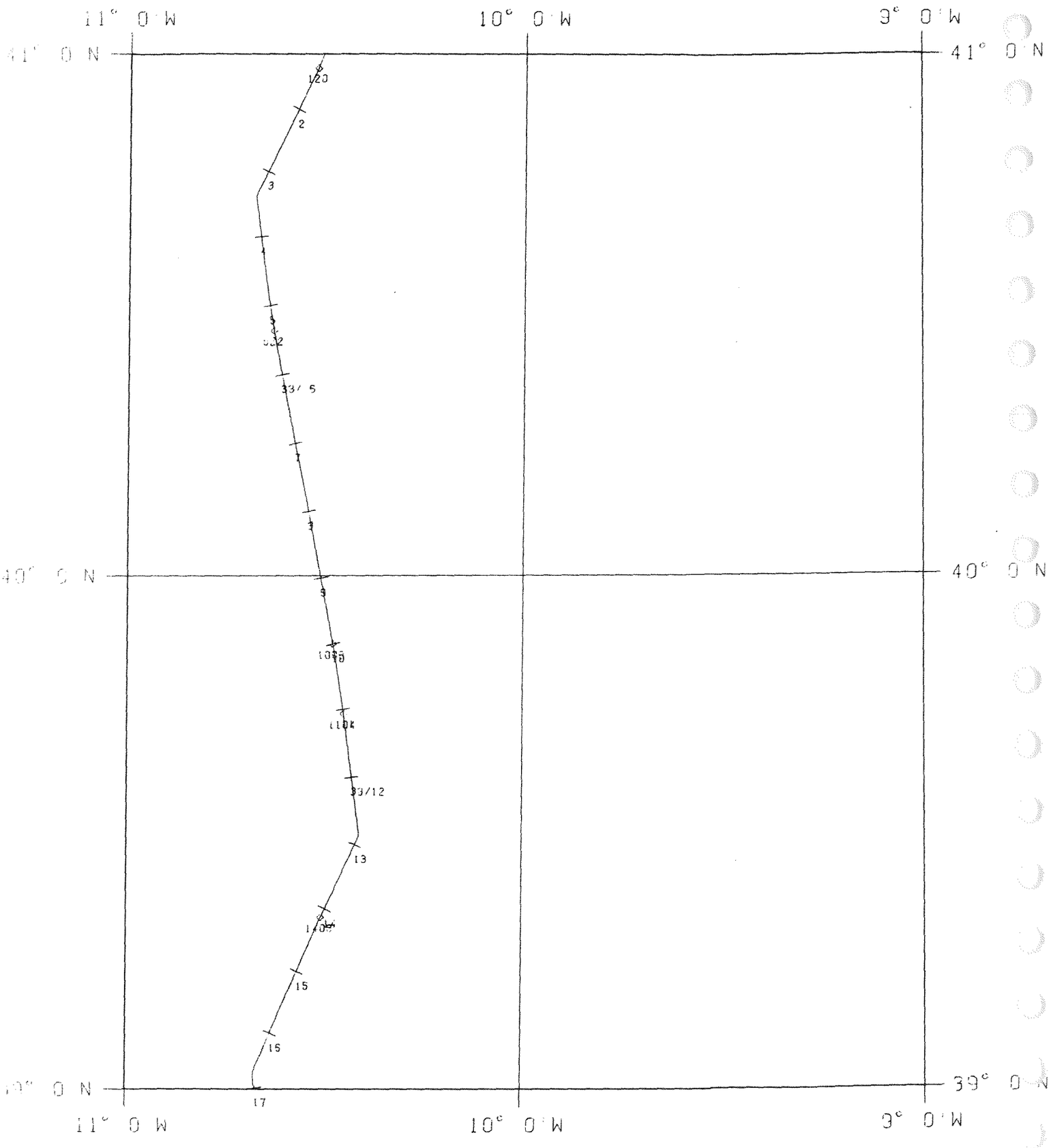

11° 0 W
10° 0'W
9° 0'W
44° 0'N
43° 0 N
42° 0 N
42° 0 N
11° 0 W
10° 0'W
9° 0'W

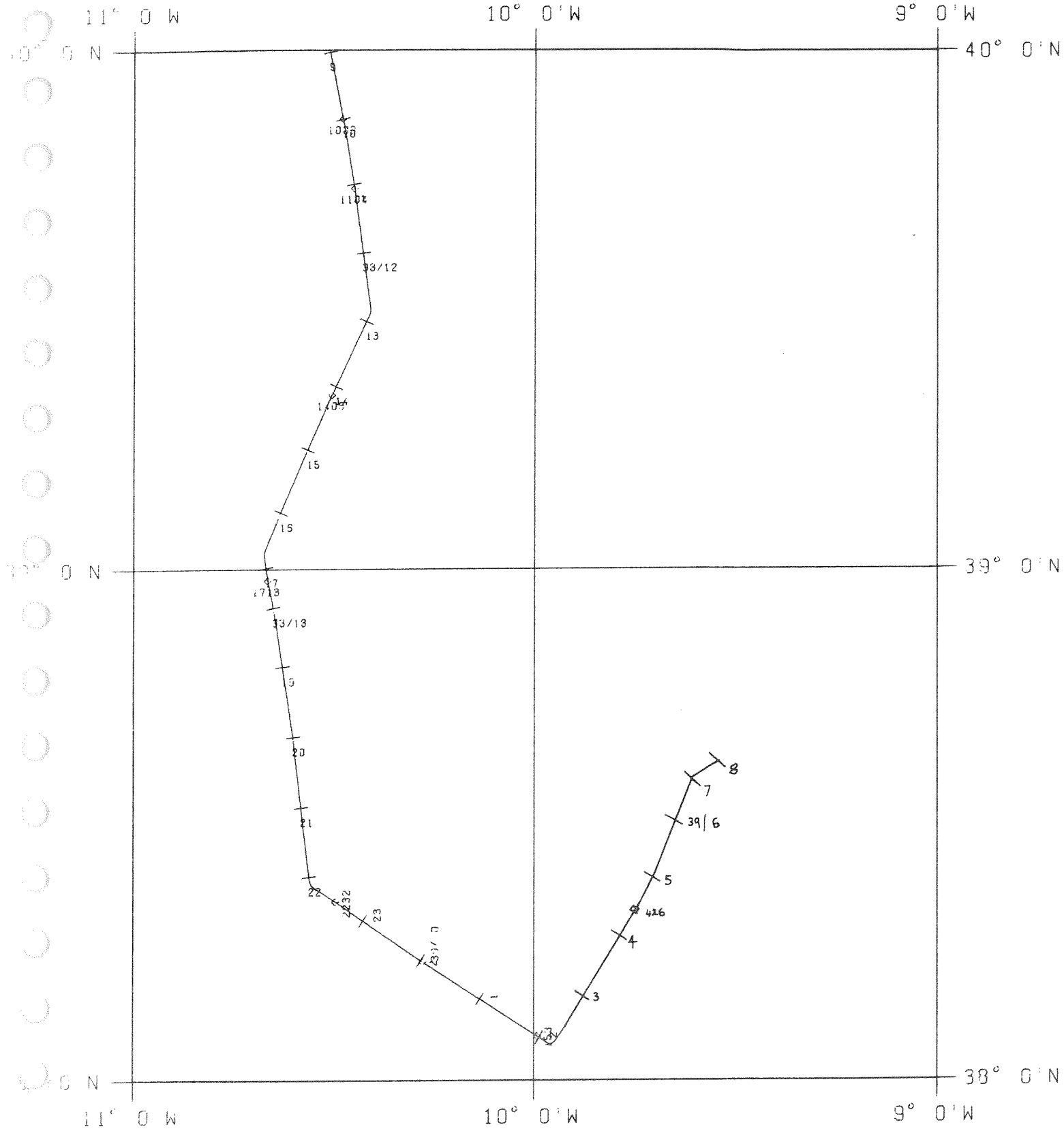

10° 0'W
9° 0'W
8° 0'W
42° 0'N
41° 0'N
40° 0'N
17
13
20
22
1
3
4
5

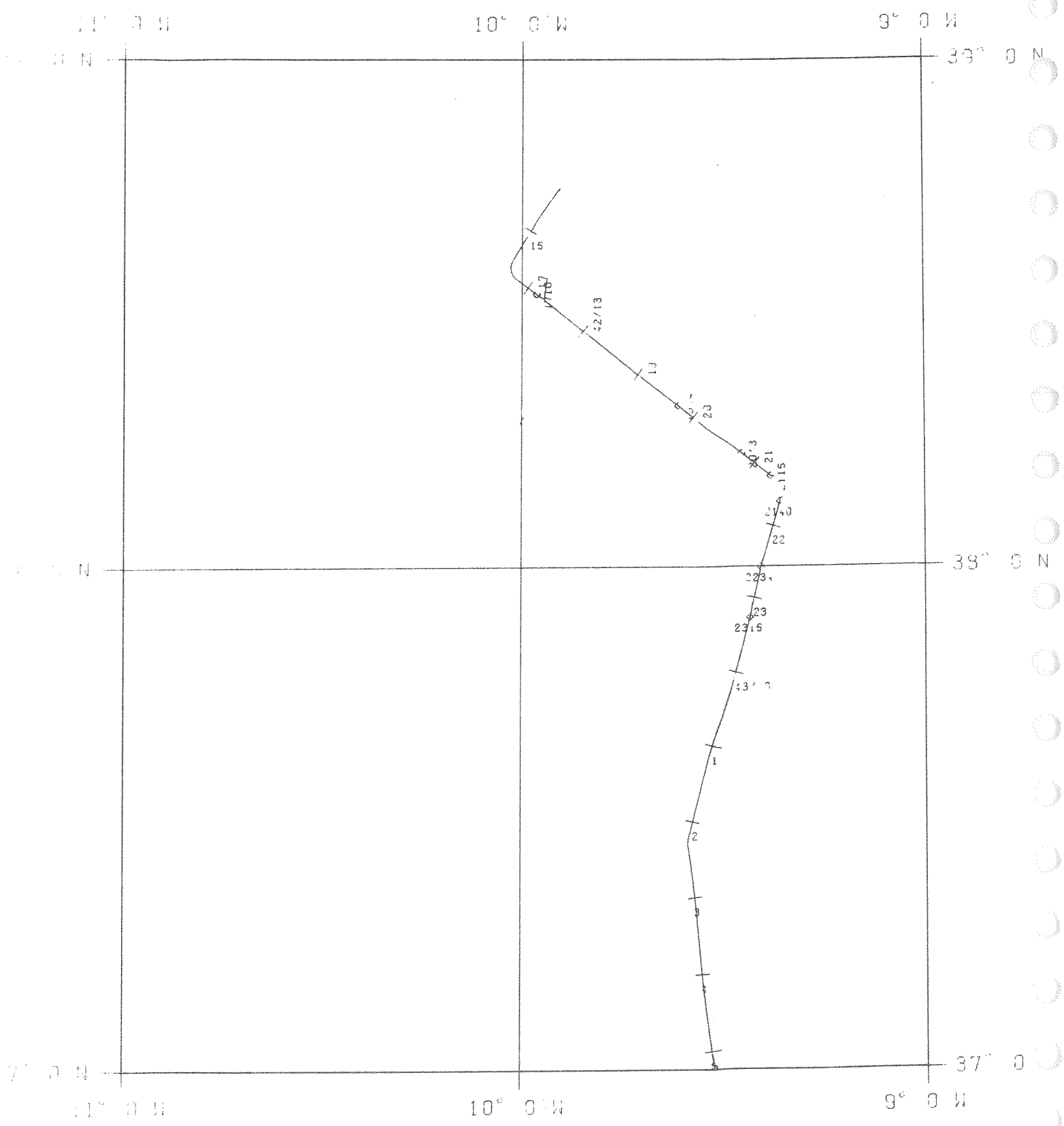

12° 0'W
11° 0'W
10° 0'W
41° 0'N
40° 0'N
39° 0'N
5
434
4
3
2
1
110
35/ 0
2344
23
22
2159
34/ 6
7
7/16
21
2040
20
19
1904
34/18
1726
17
16
15
14
13
1320
34/12
1184

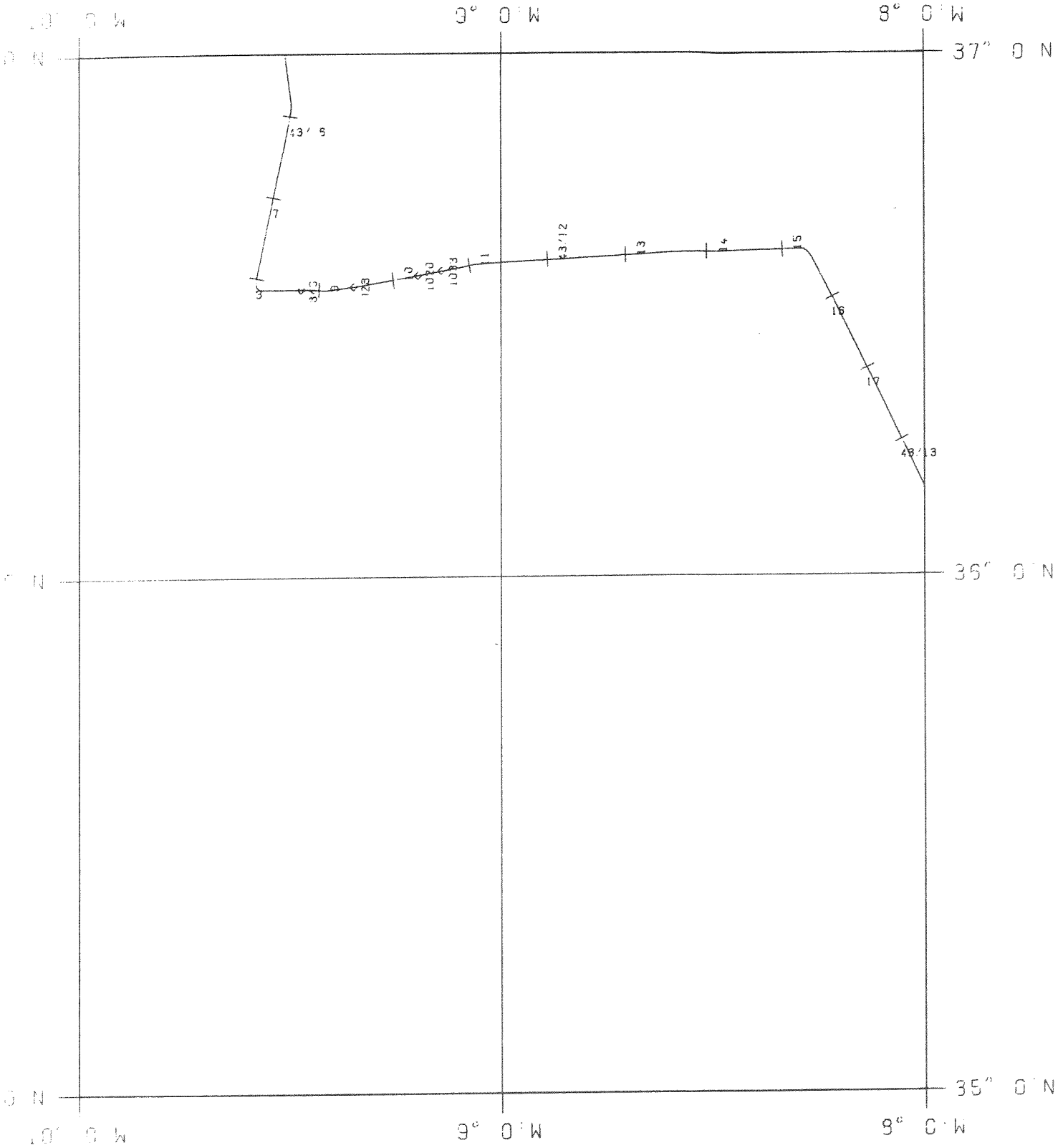

11° 0 W
10° 0 W
9° 0 W
43° 0 N
42° 0 N
41° 0 N
23
22
21
20
2004
1905
19
1313
35/13
17
16
15
14
1356
13
1212
35/12
1145
11
1040
10
963
9
3
7
705
670
35/6

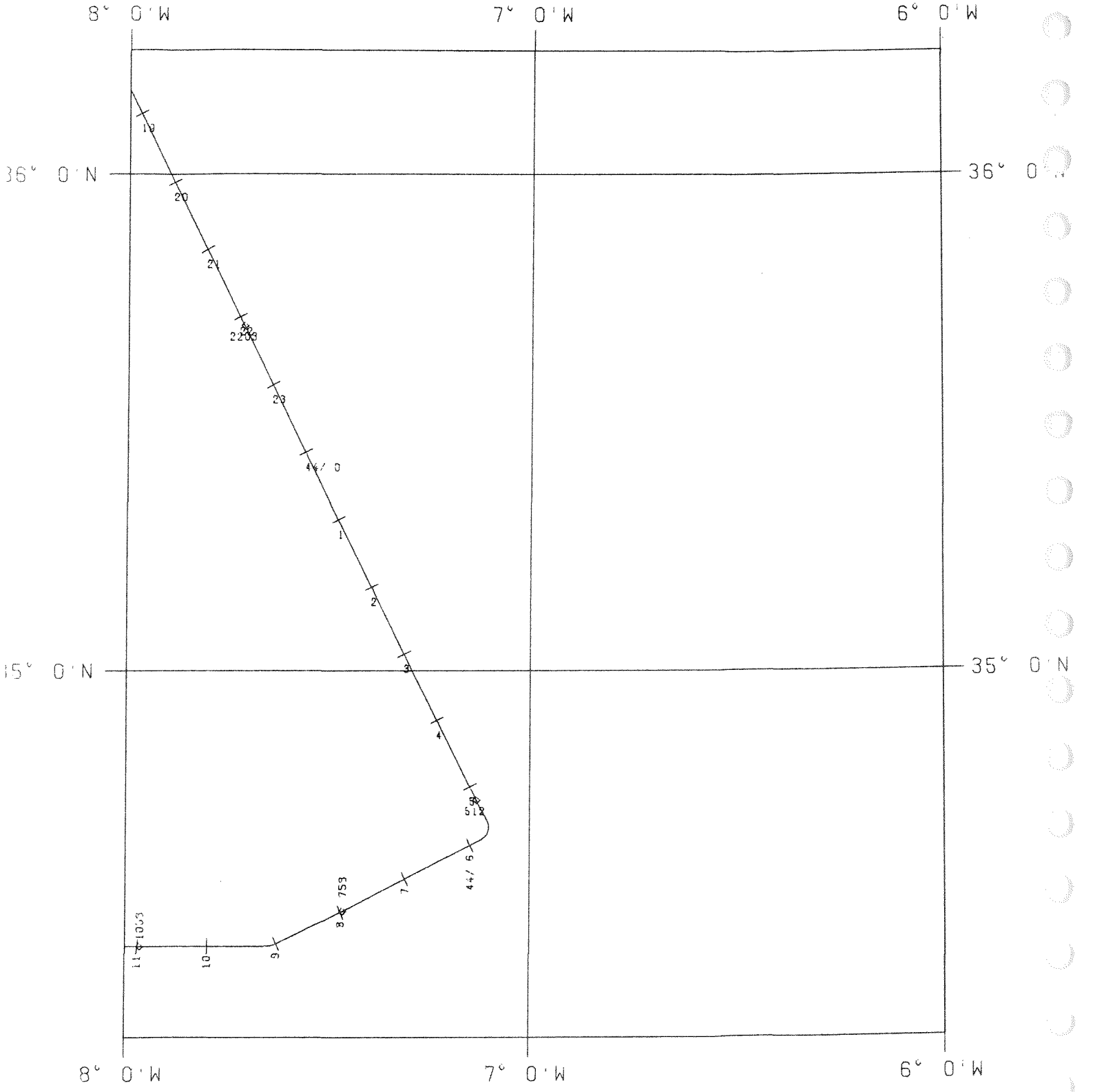
12° 0'W
11° 0'W
43° 0'N
42° 0'N
41° 0'N


11° 0 W
10° 0 W
9° 0 W
41° 0 N
40° 0 N
39° 0 N
120
2
3
33/ 5
33/12
13
15
16
17


11° 0 W
10° 0'W
9° 0'W
40° 0'N
39° 0'N
38° 0'N
33/12
13
15
15
33/13
20
21
22
23
8
7
39/6
5
426
4
3


10° 0'W
9° 0'W
39° 0'N
38° 0'N
37° 0'N
10° 0'W
9° 0'W


9° 0'W
8° 0'W
37° 0'N
36° 0'N
35° 0'N
43'12
43'13


8° 0'W
7° 0'W
6° 0'W
36° 0'N
35° 0'N
19
20
21
2203
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44/ 0
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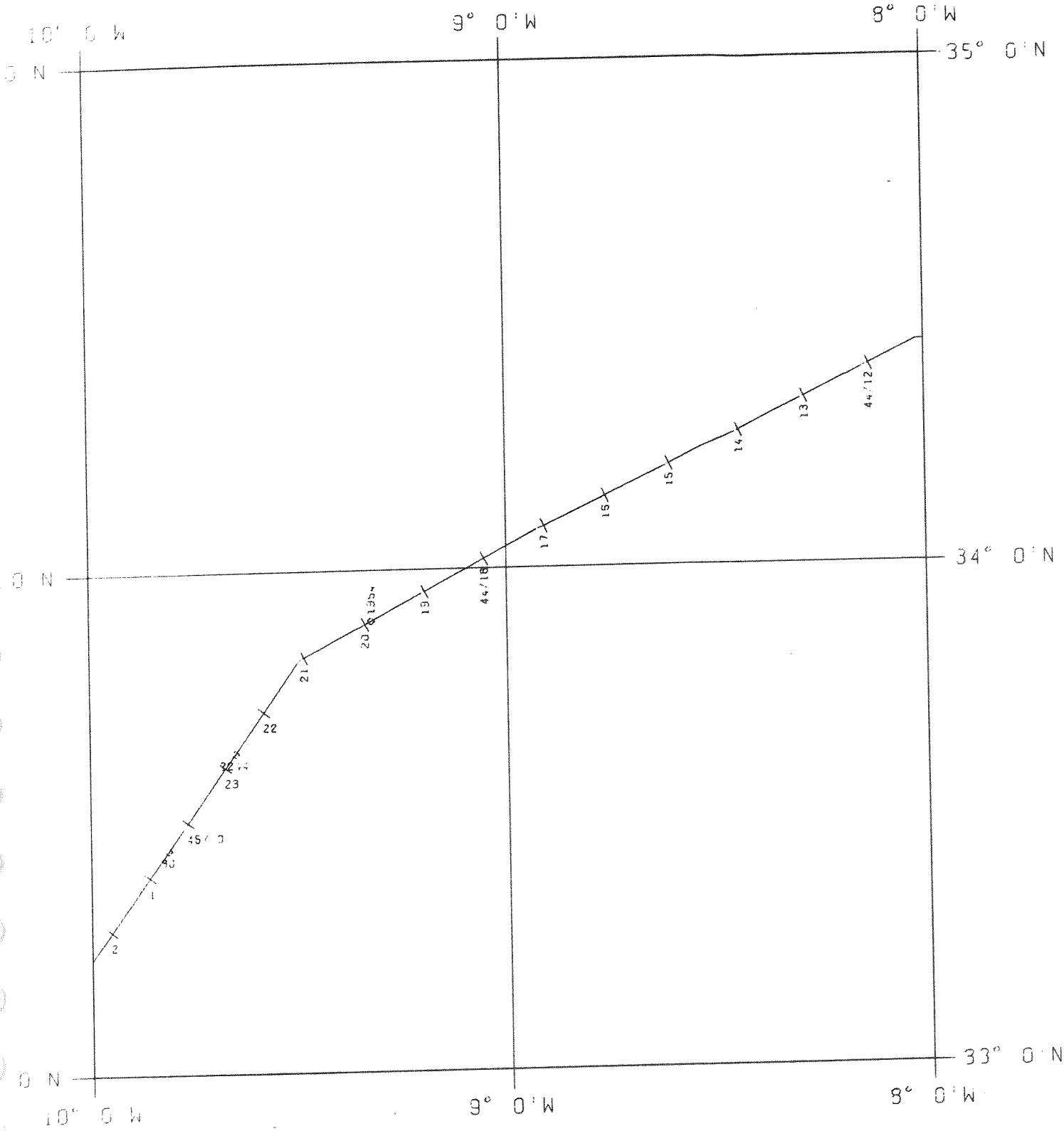
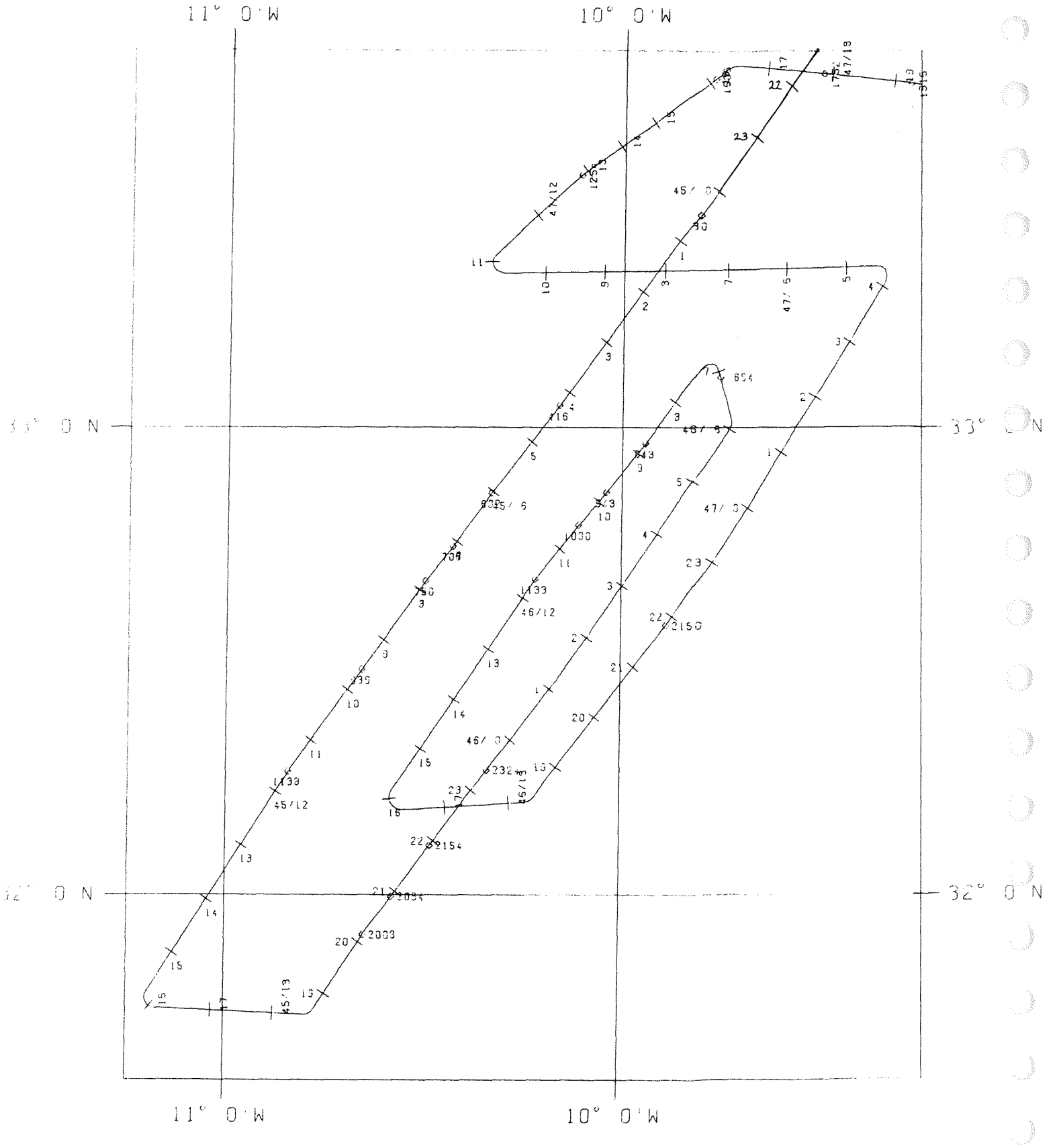
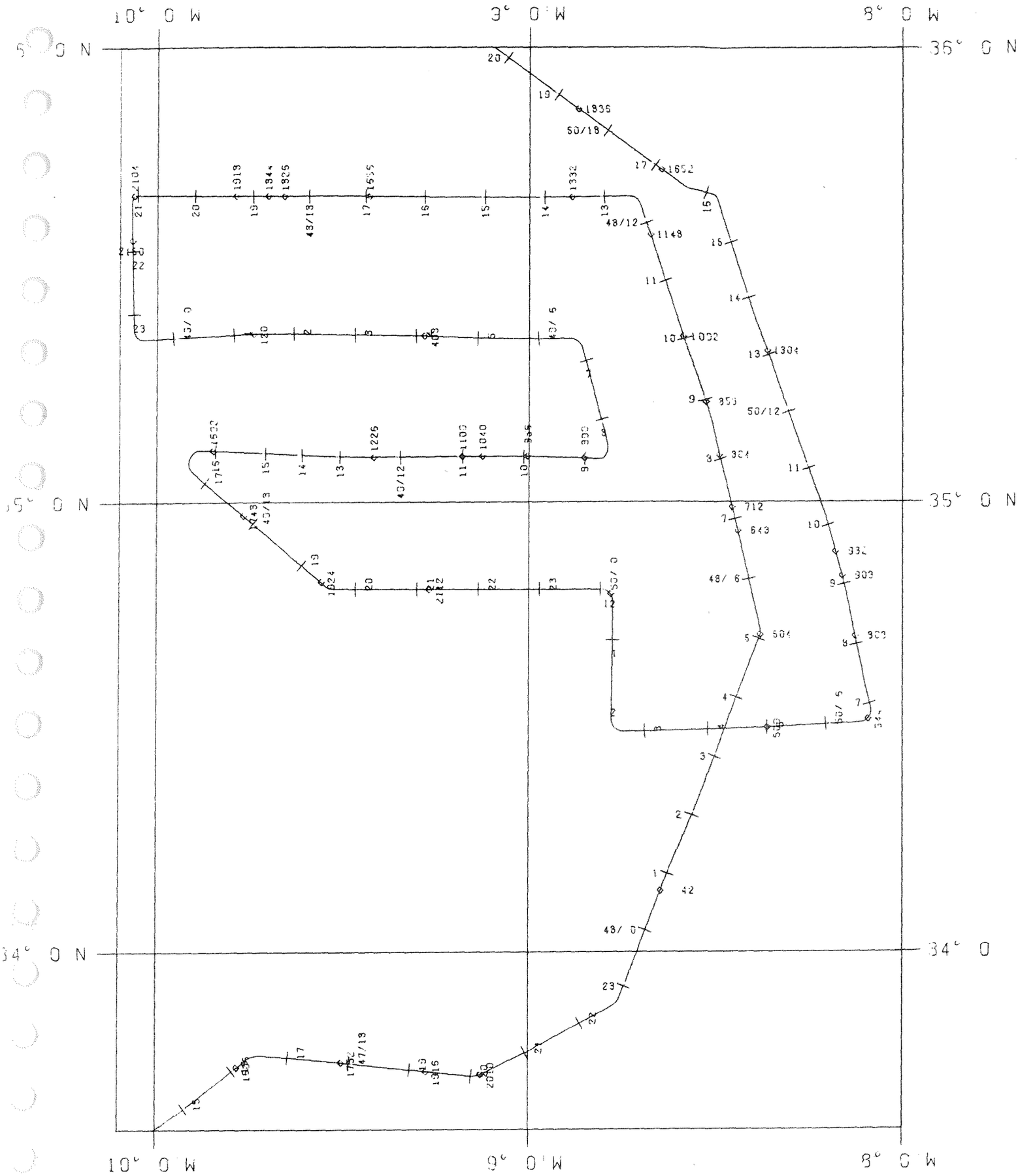
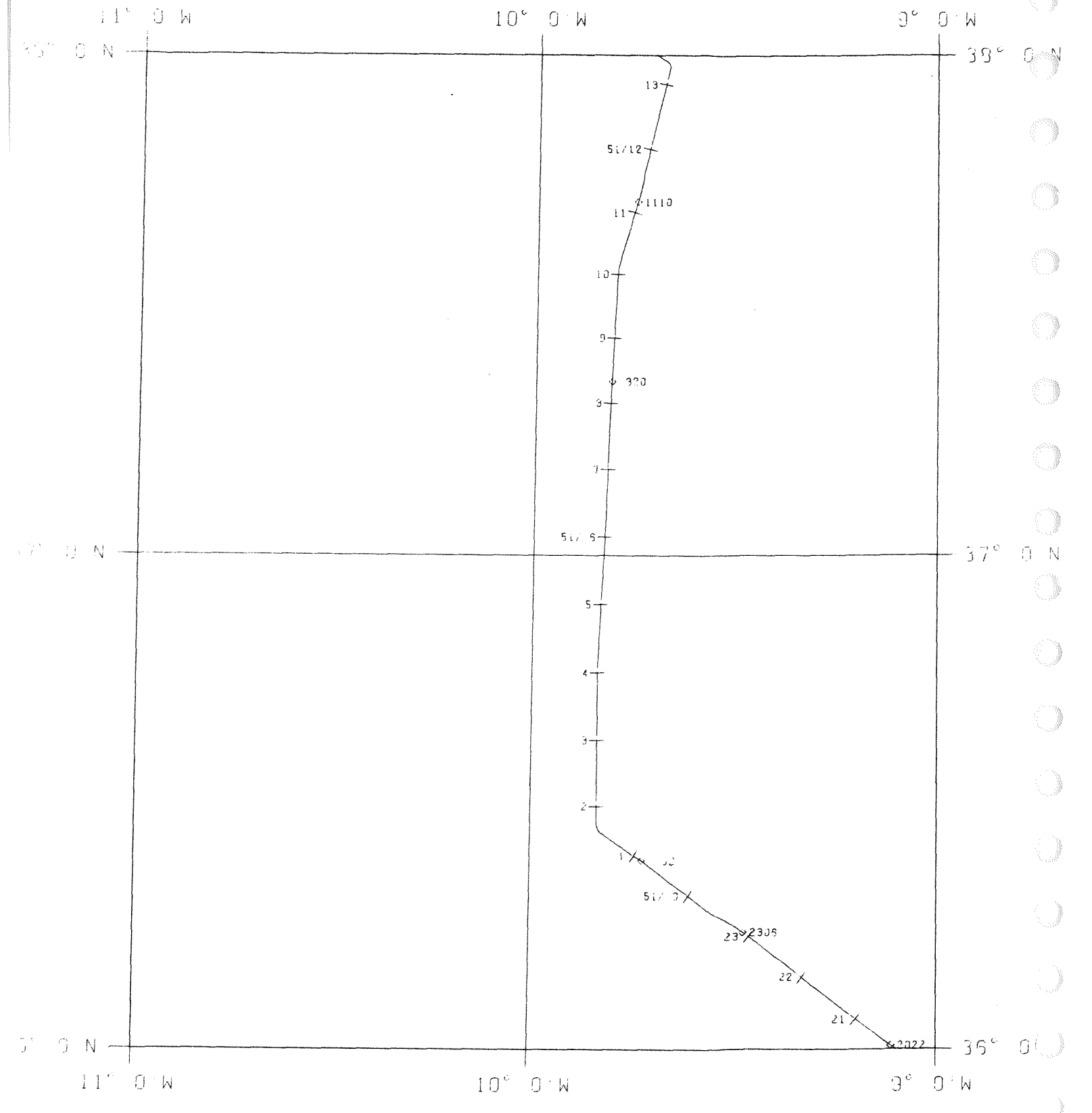
8
753
9
10
11
1053


10° 0'W
9° 0'W
8° 0'W
35° 0'N
34° 0'N
33° 0'N
0 N
0 N
10° 0'W
9° 0'W
8° 0'W


11° 0'W
10° 0'W
33° 0 N
32° 0 N
11° 0'W
10° 0'W


10° 0 W
9° 0 W
8° 0 W
36° 0 N
35° 0 N
34° 0 N


11° 0 W
10° 0 W
9° 0 W
38° 0 N
37° 0 N
36° 0
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12
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10
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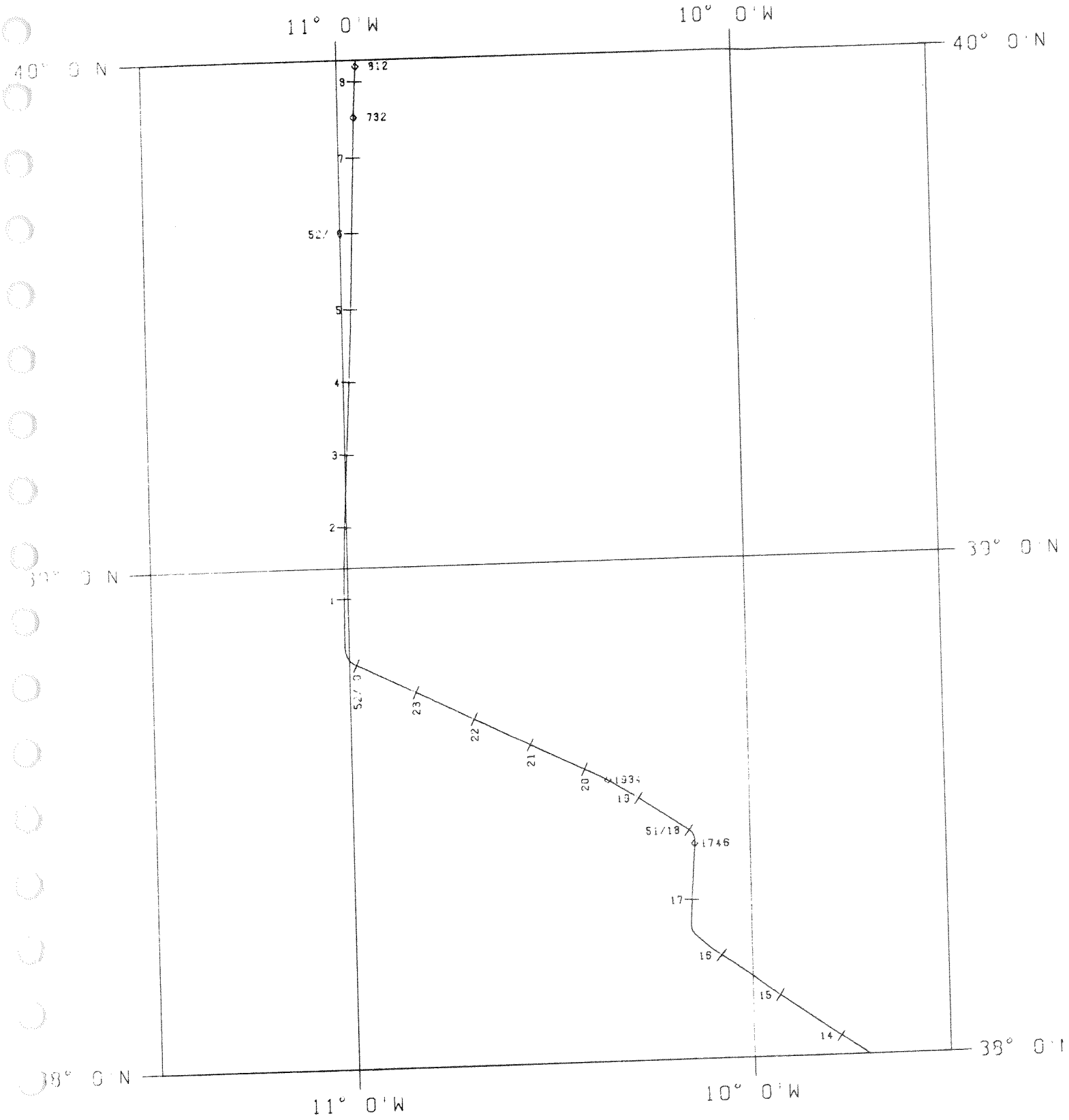
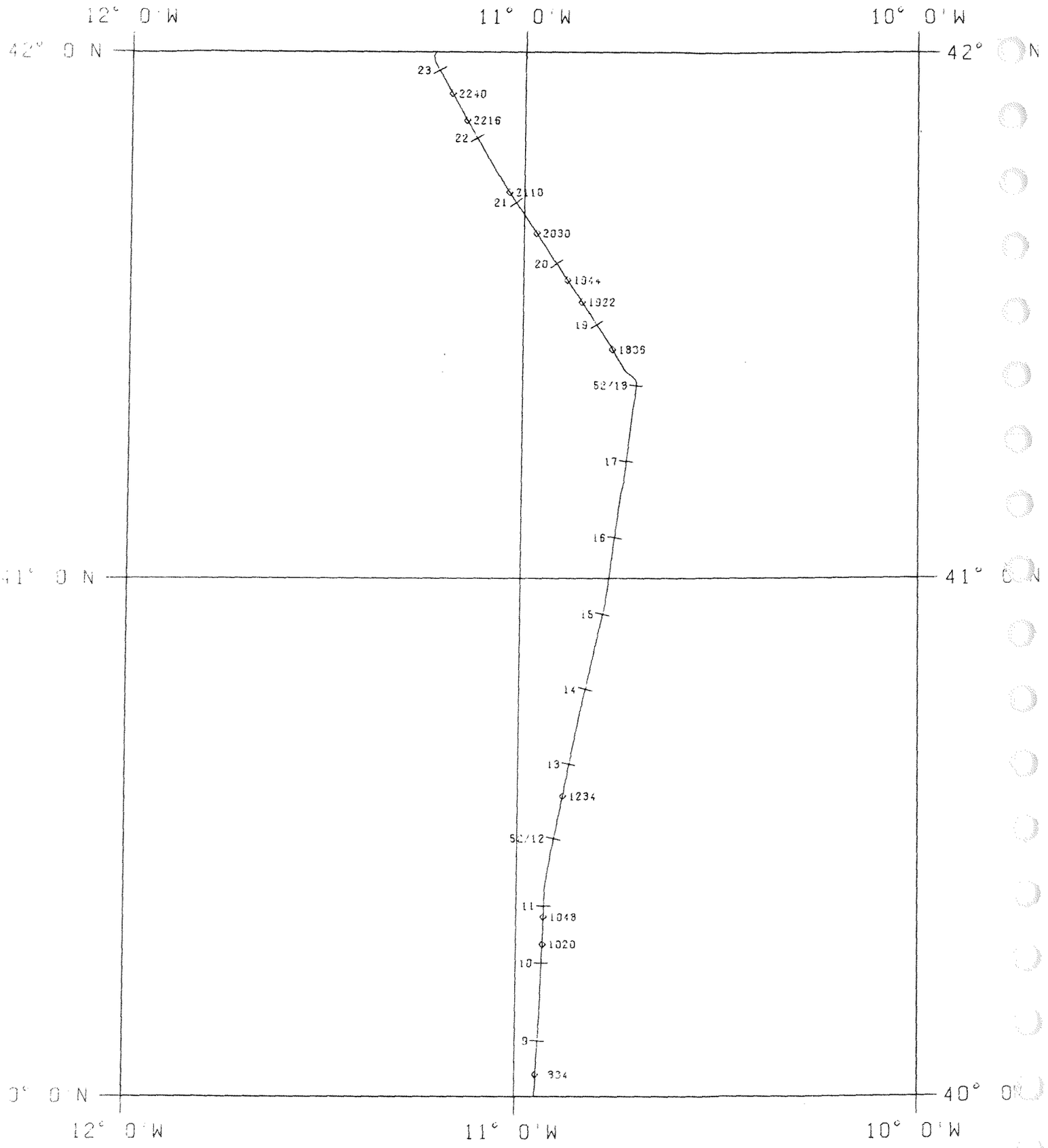
2
1
23
22
21


11° 0'W
10° 0'W
40° 0'N
39° 0'N
38° 0'N
812
732
52/ 6
5
4
3
2
1
52/ 0
23
22
21
20
1934
19
51/18
1746
17
16
15
14


12° 0'W
11° 0'W
10° 0'W
42° 0'N
41° 0'N
40° 0'N
23
2240
2216
22
2110
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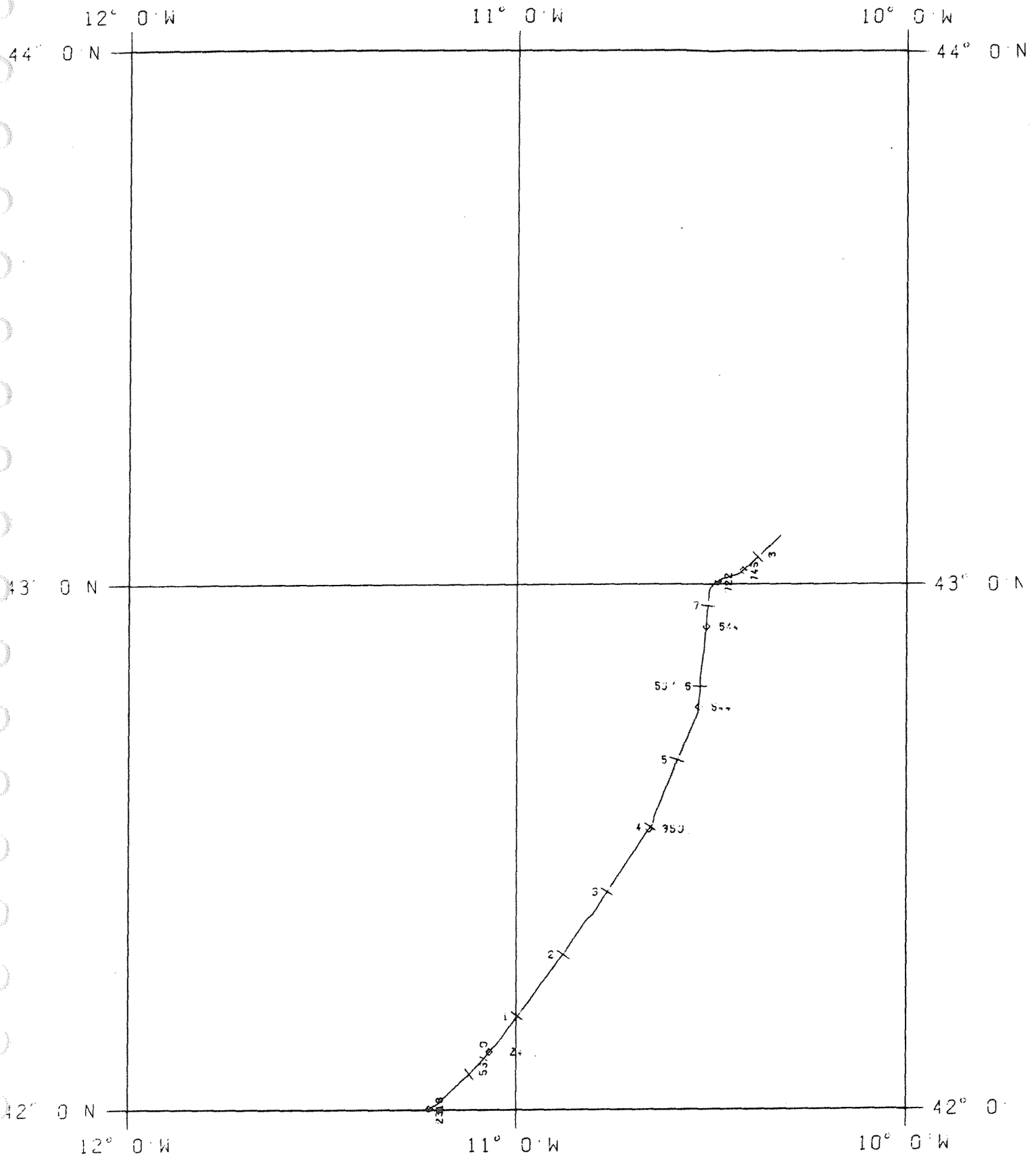
2030
20
1944
1922
19
1836
52/18
17
16
15
14
13
1234
52/12
11
1048
1020
10
9
934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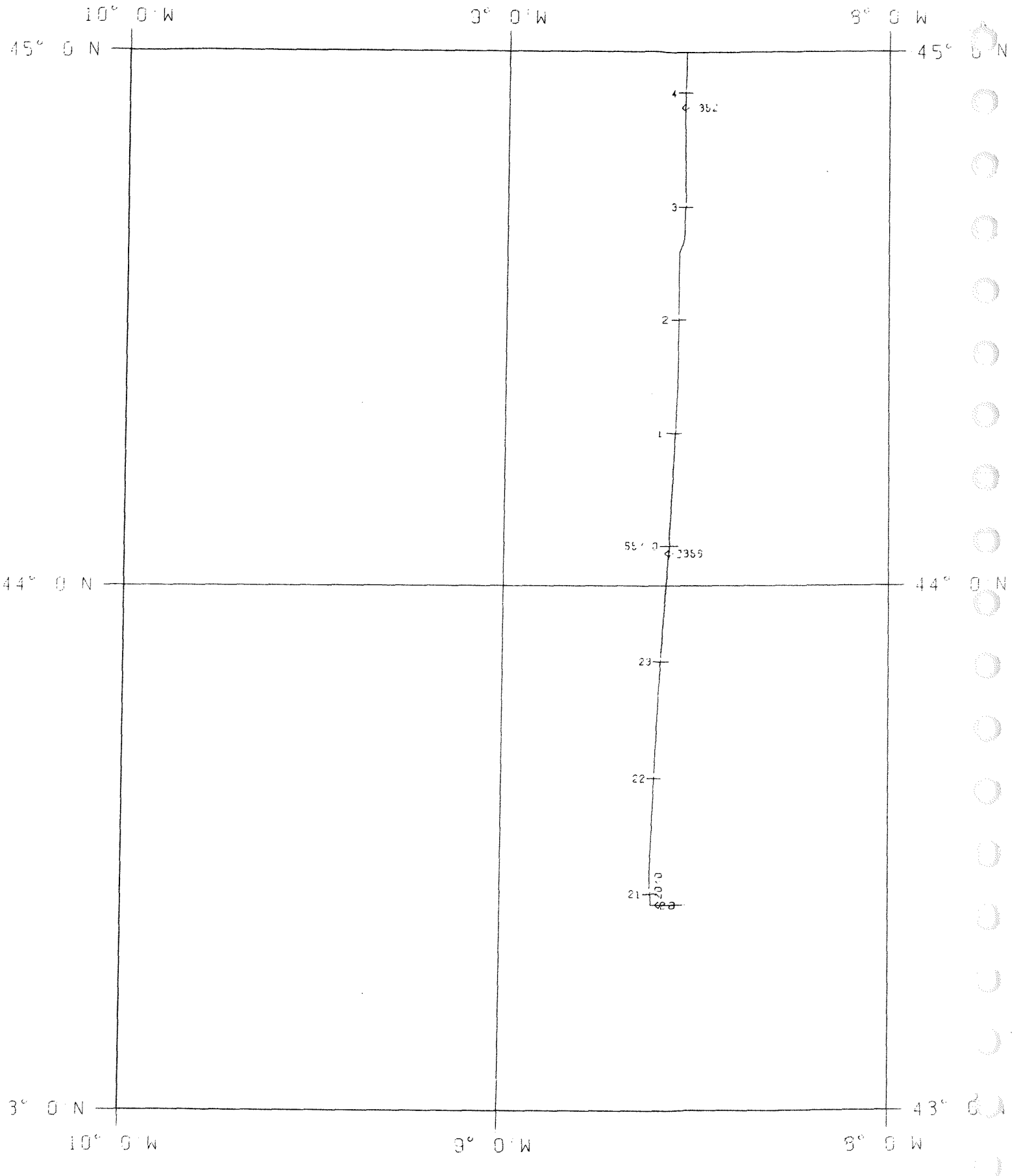
10° 0'W
44° 0'N
43° 0'N
42° 0'N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8° 0' W
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44° 0' N
43° 0' N
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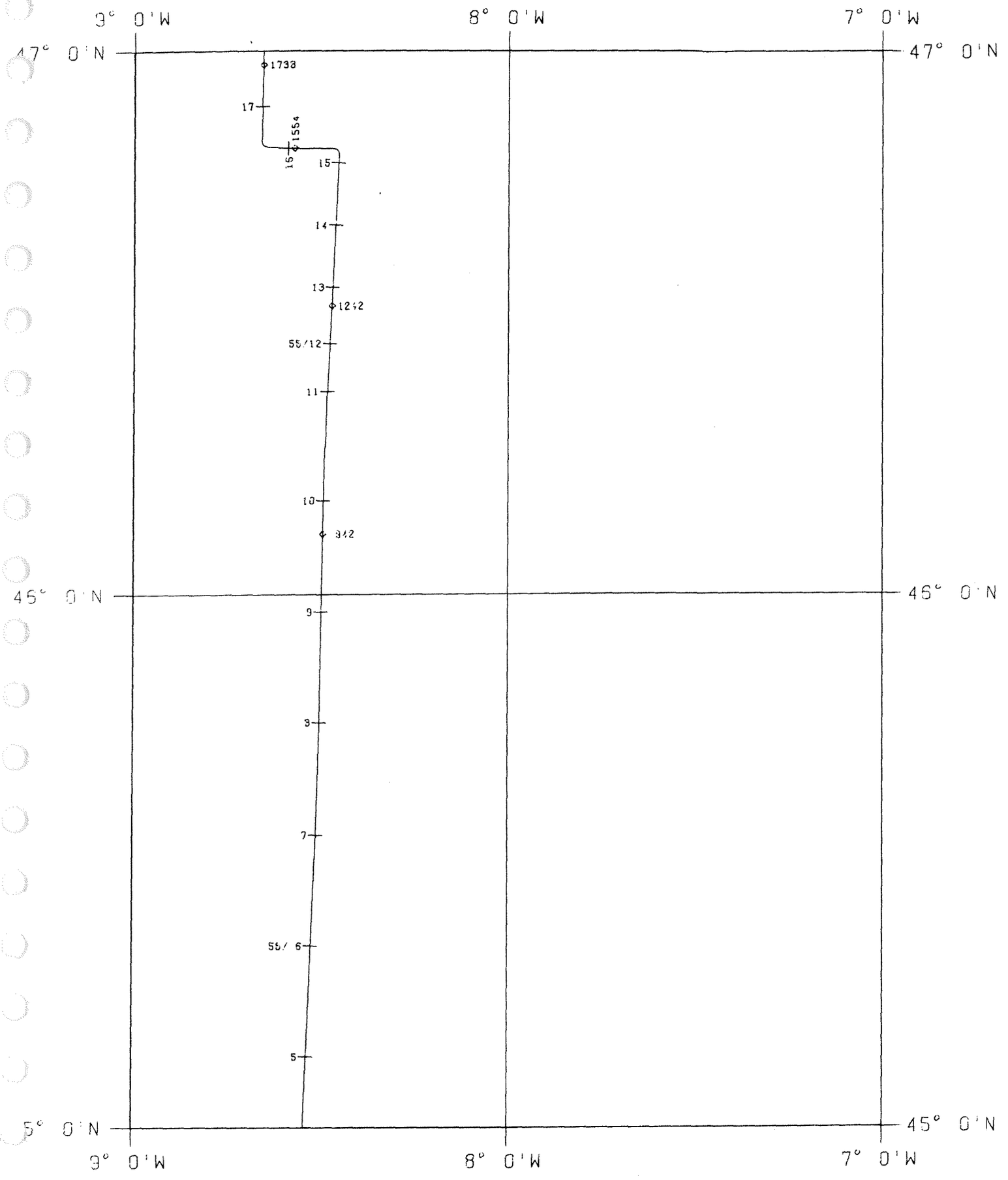
21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7° 0'W
47° 0'N
46° 0'N
45° 0'N
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55/ 6
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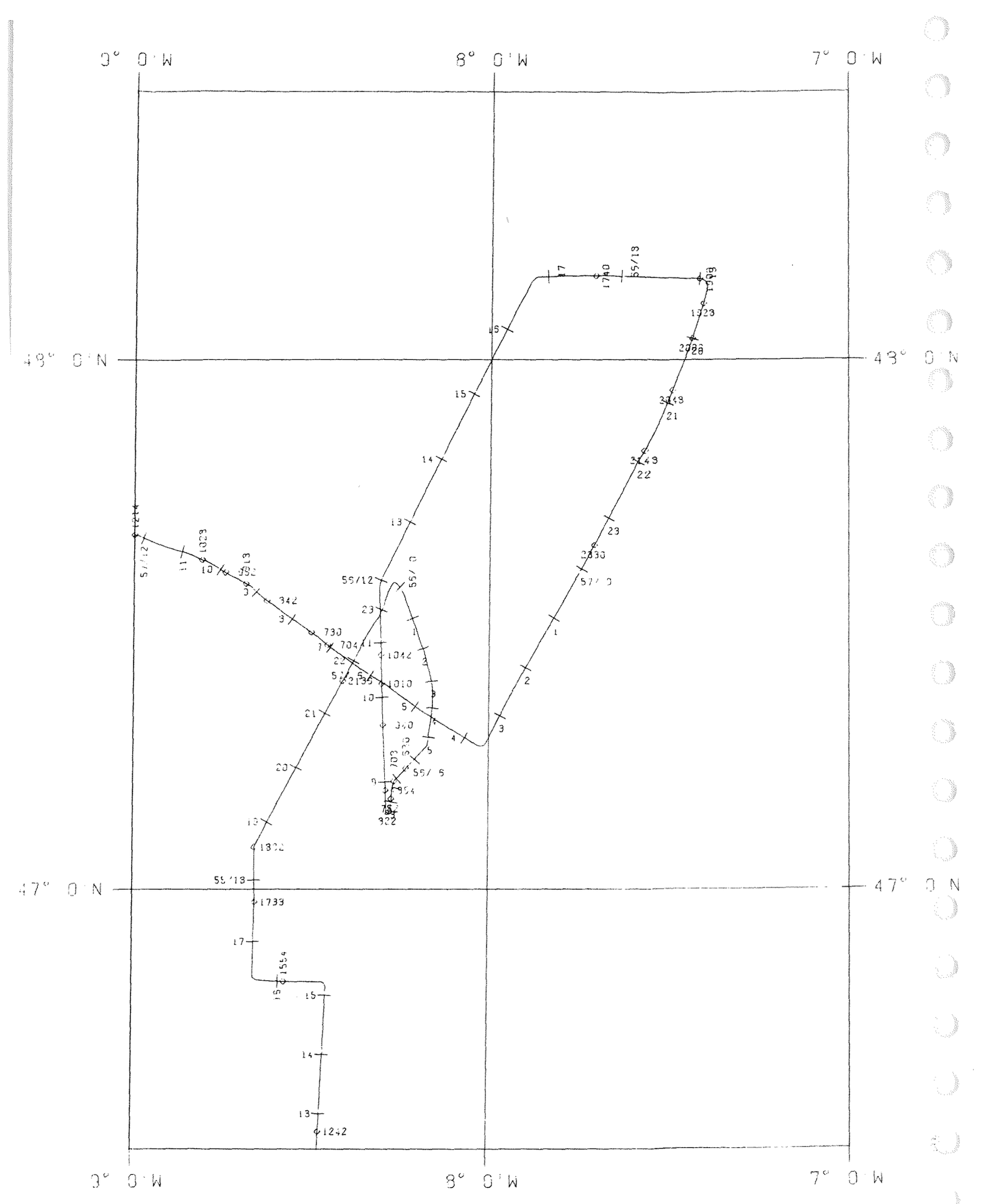
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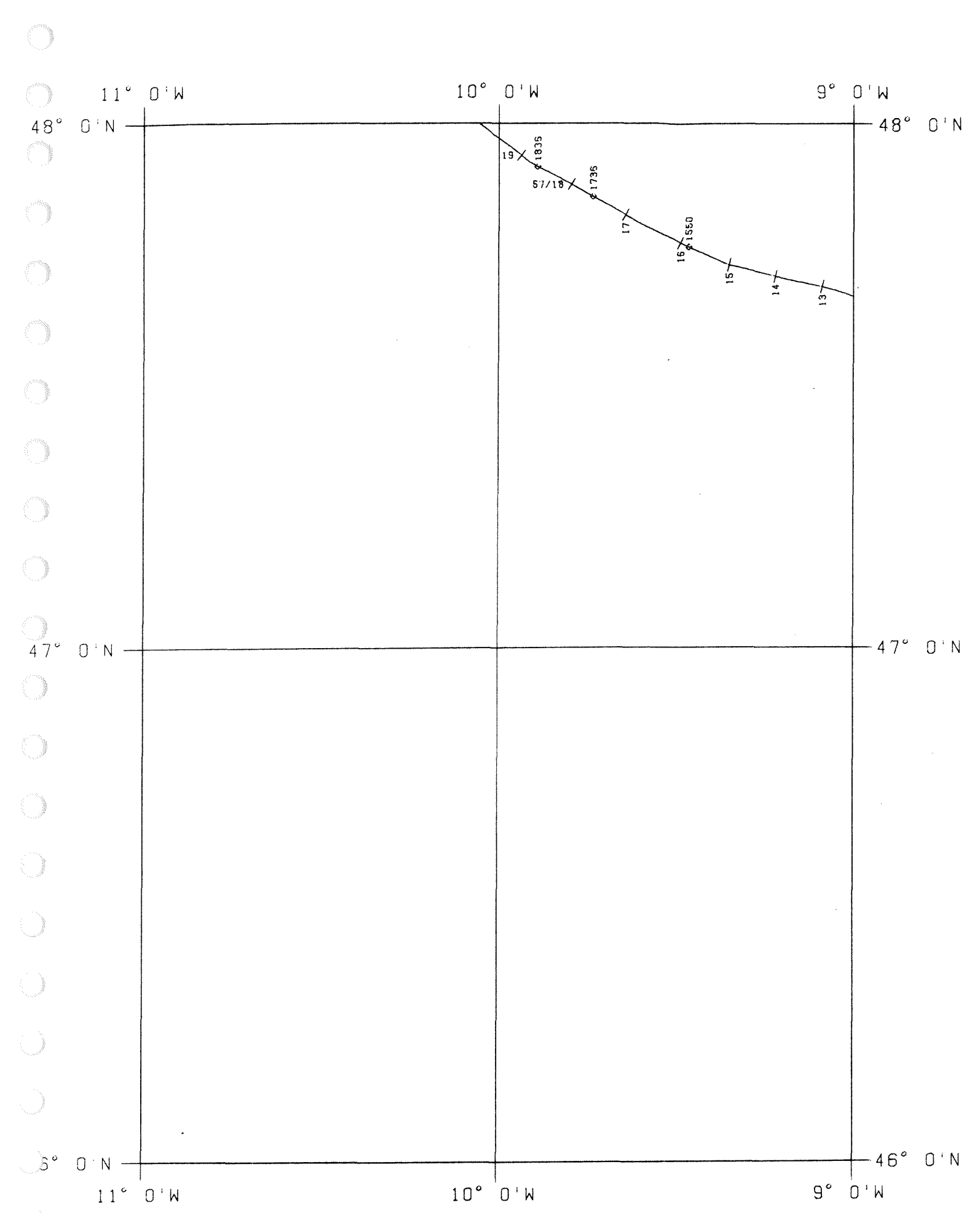
47° 0'N


11° 0'W
10° 0'W
9° 0'W
48° 0'N
47° 0'N
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1835
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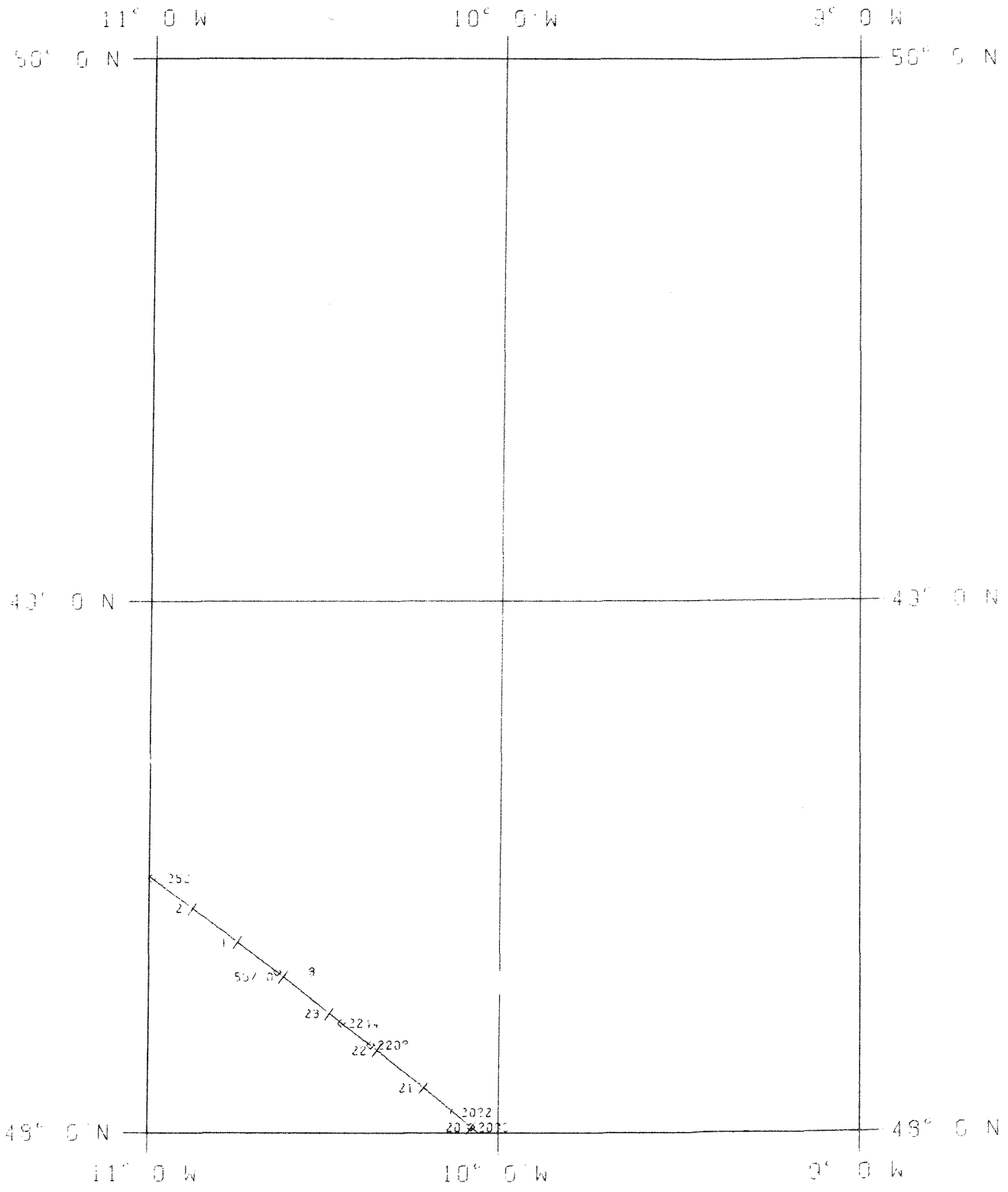
14
13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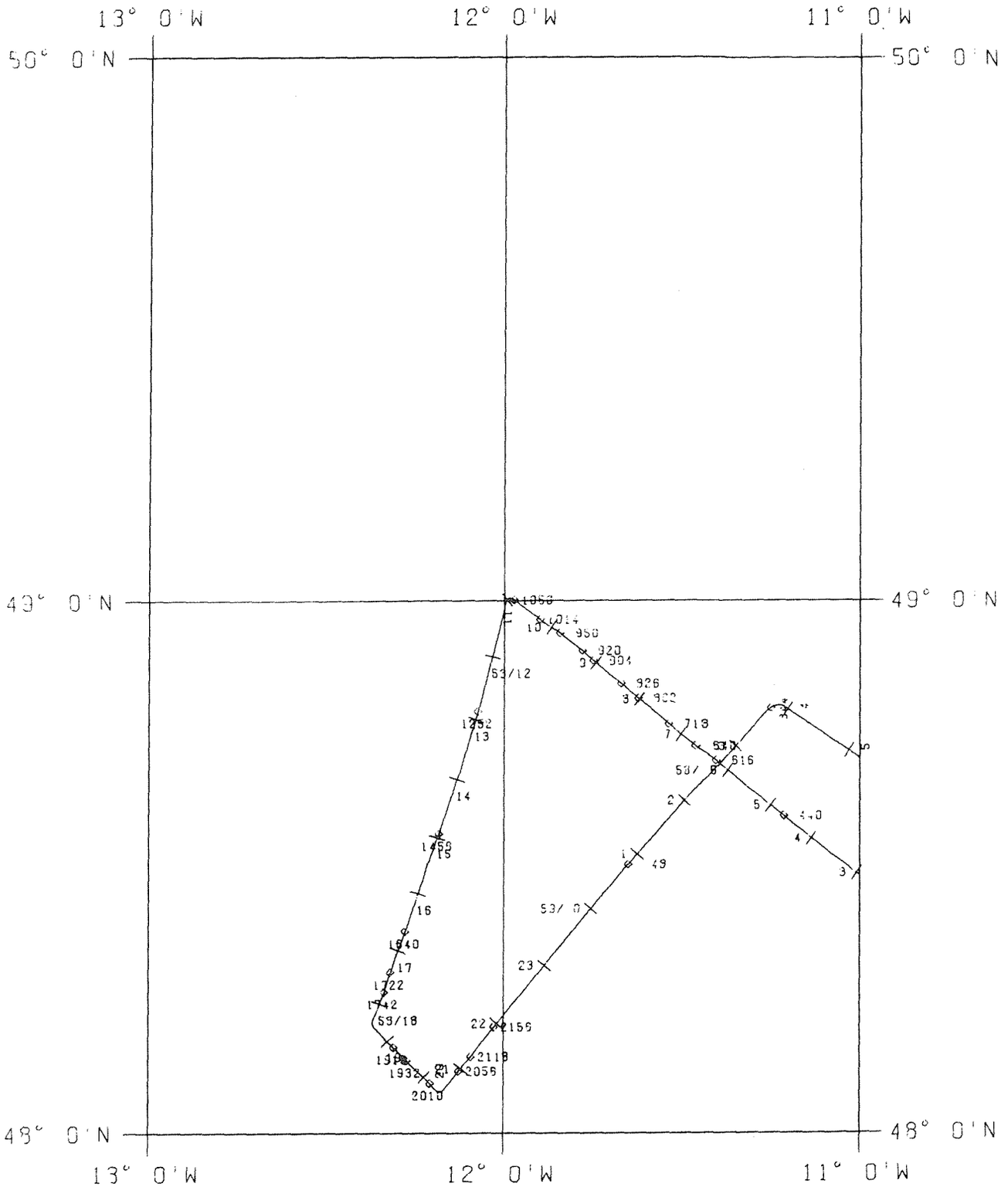
10° 0 W
9° 0 W
50° 0 N
49° 0 N
48° 0 N
220°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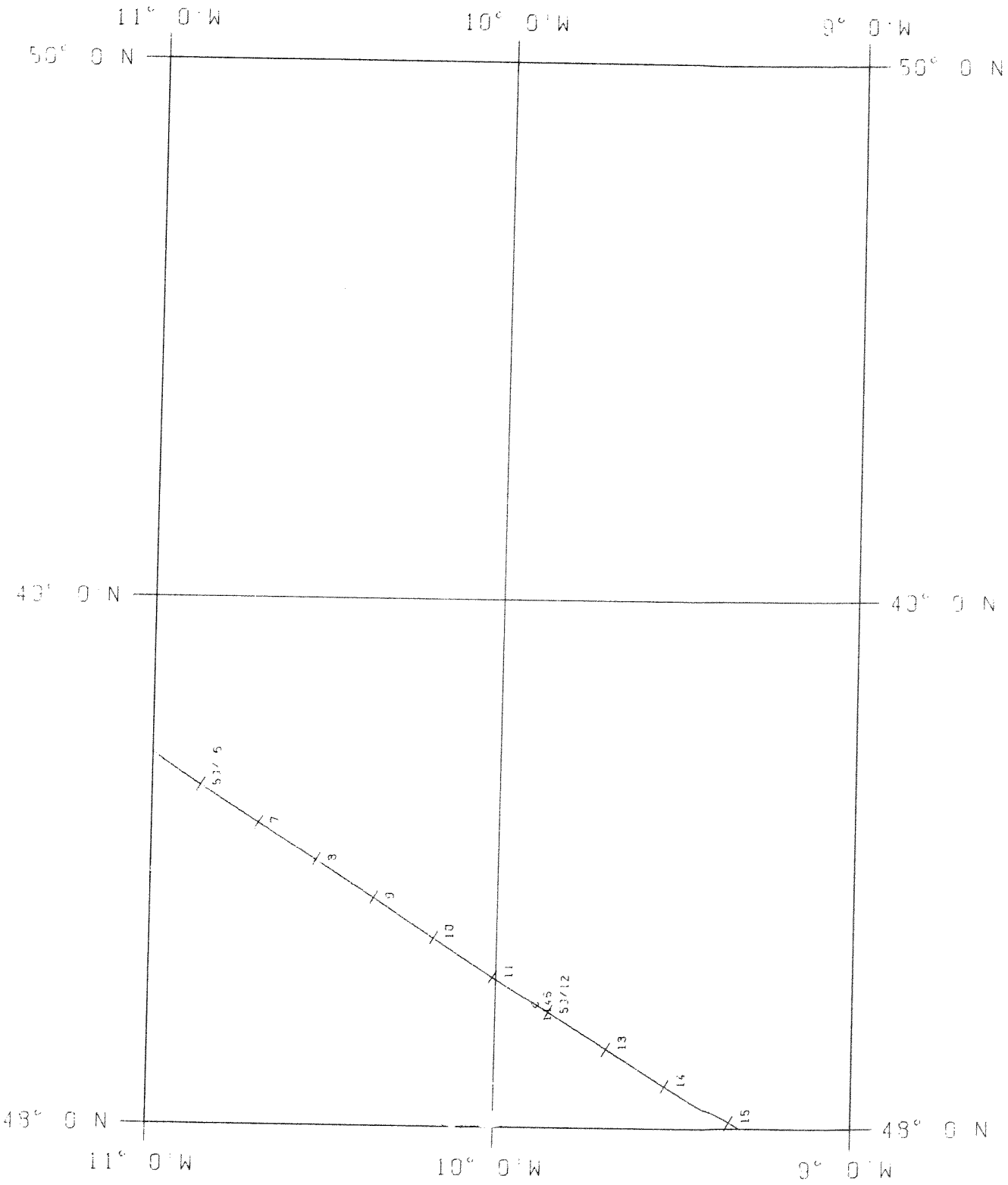
49° 0'N
48° 0'N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9° 0'W
50° 0'N
50° 0'N
49° 0'N
49° 0'N
48° 0'N
48° 0'N
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10° 0'W
9° 0'W
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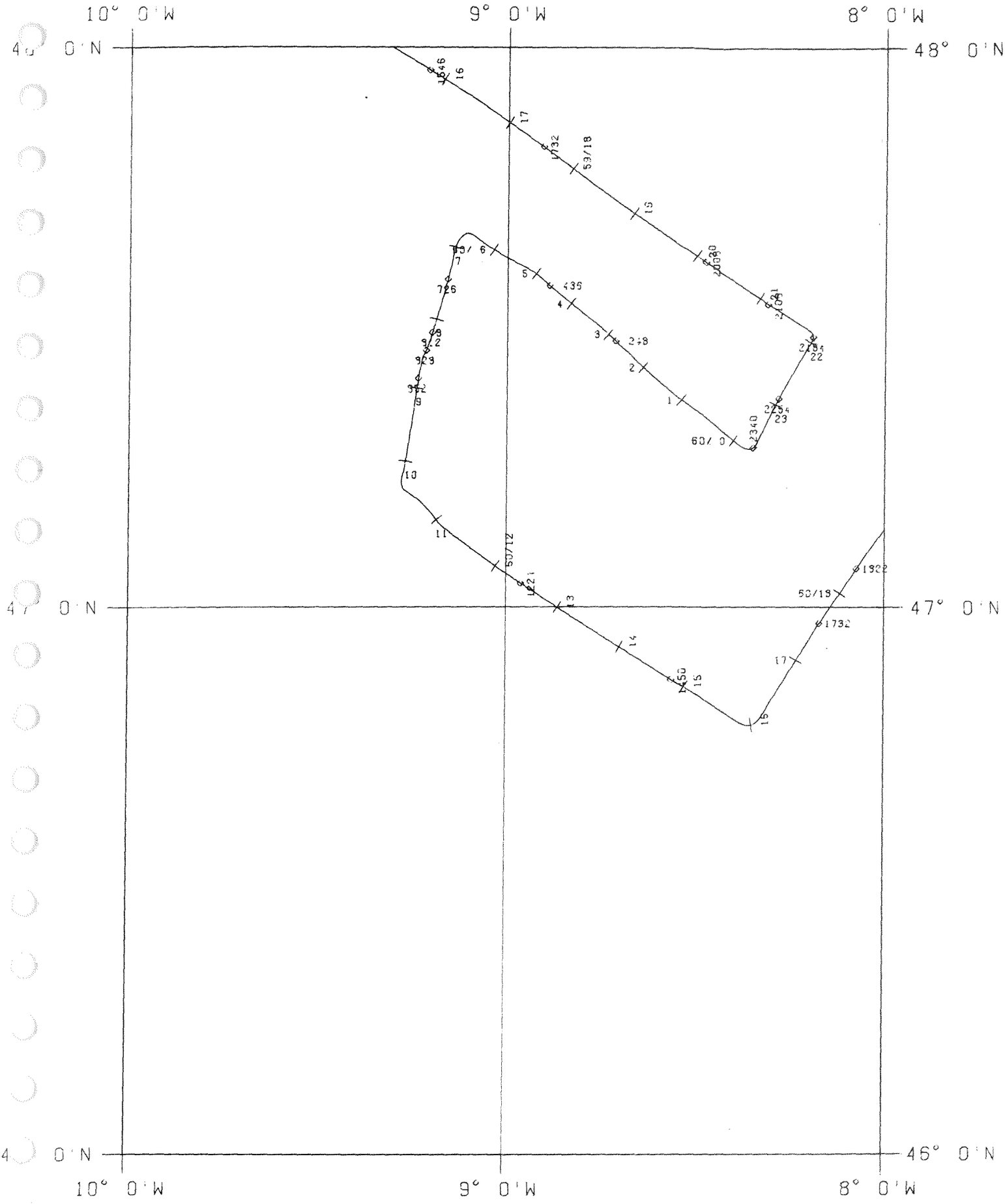
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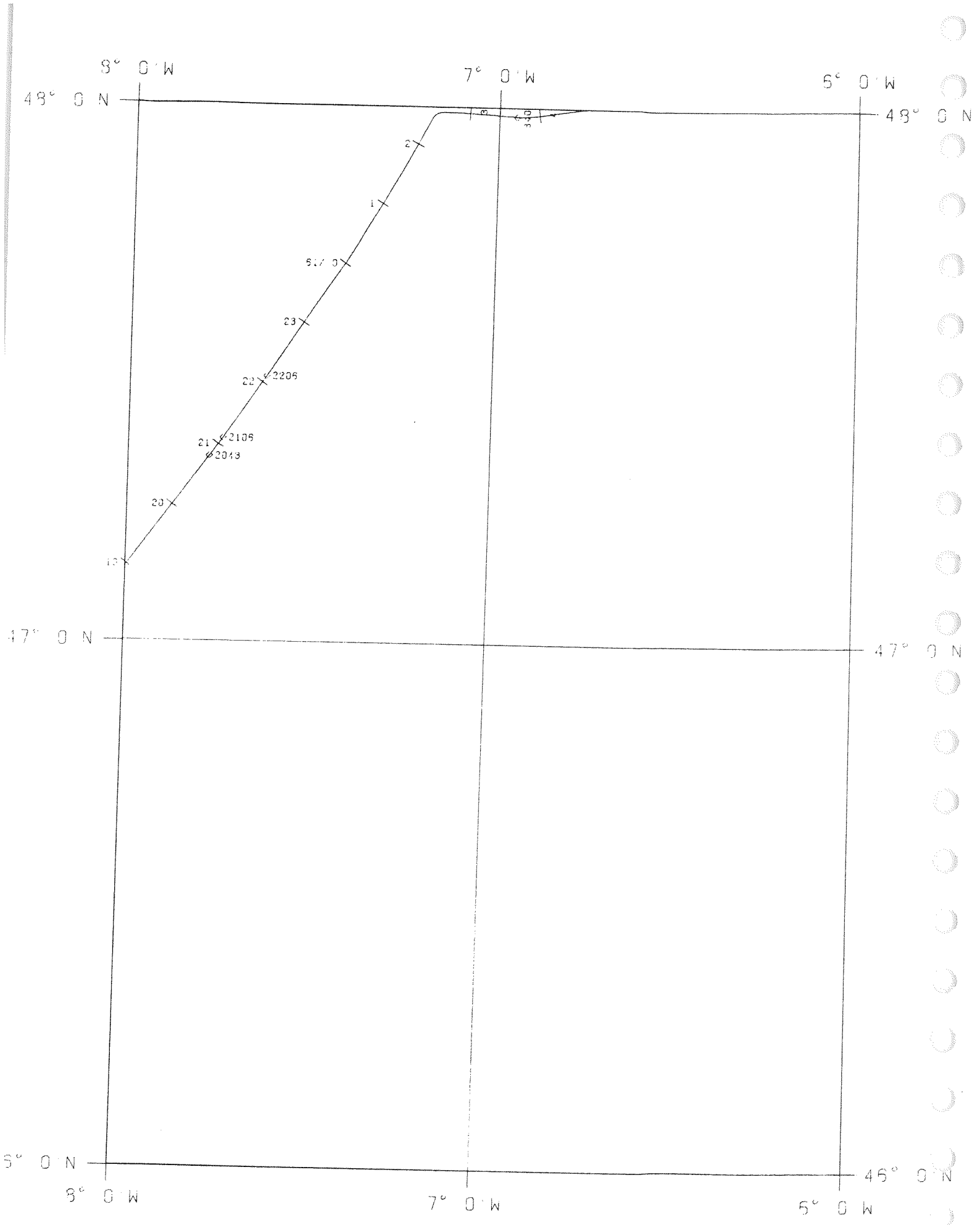
46° 0'N


8° 0 W
7° 0 W
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48° 0 N
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2
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23
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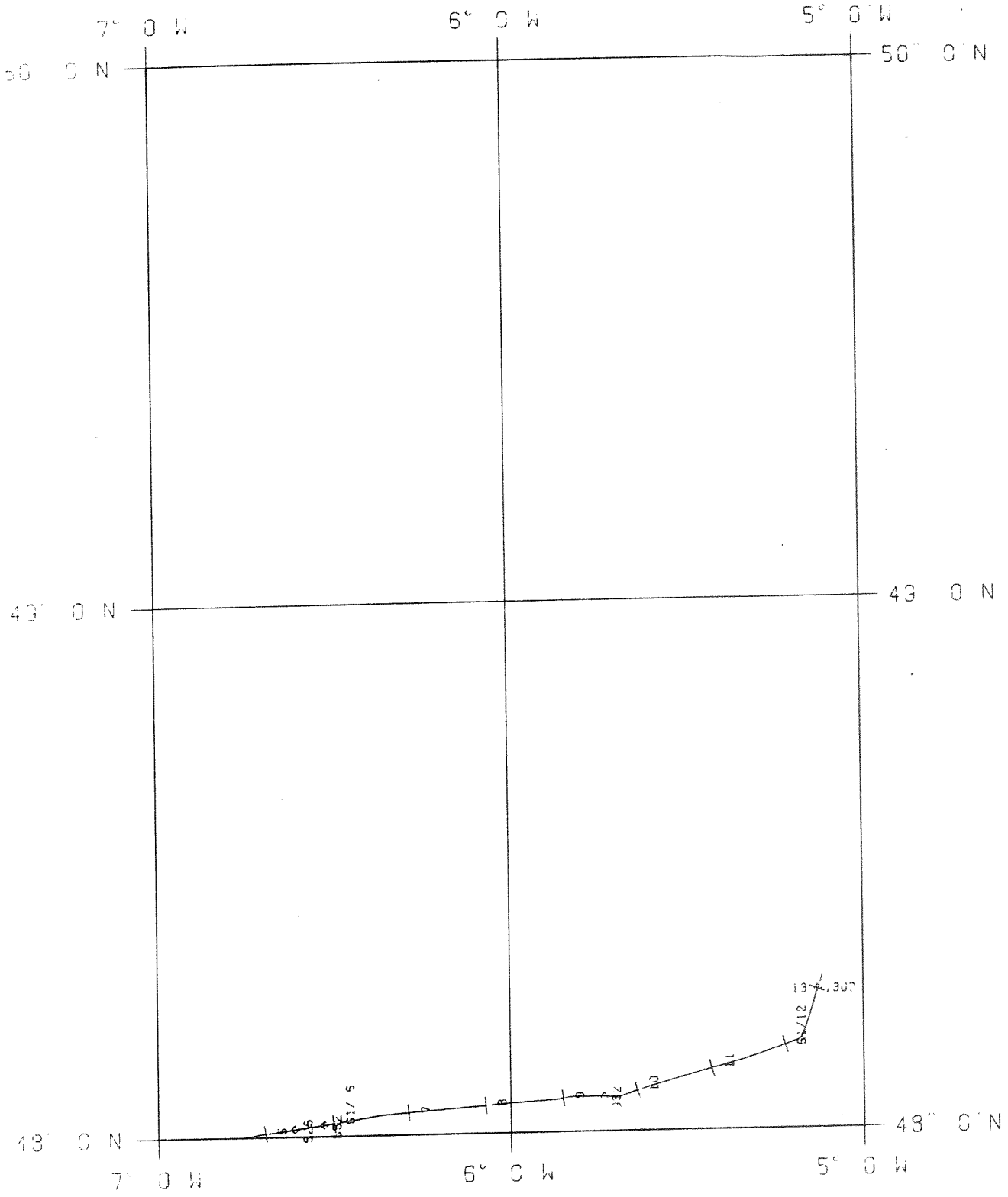
21
2106
2018
20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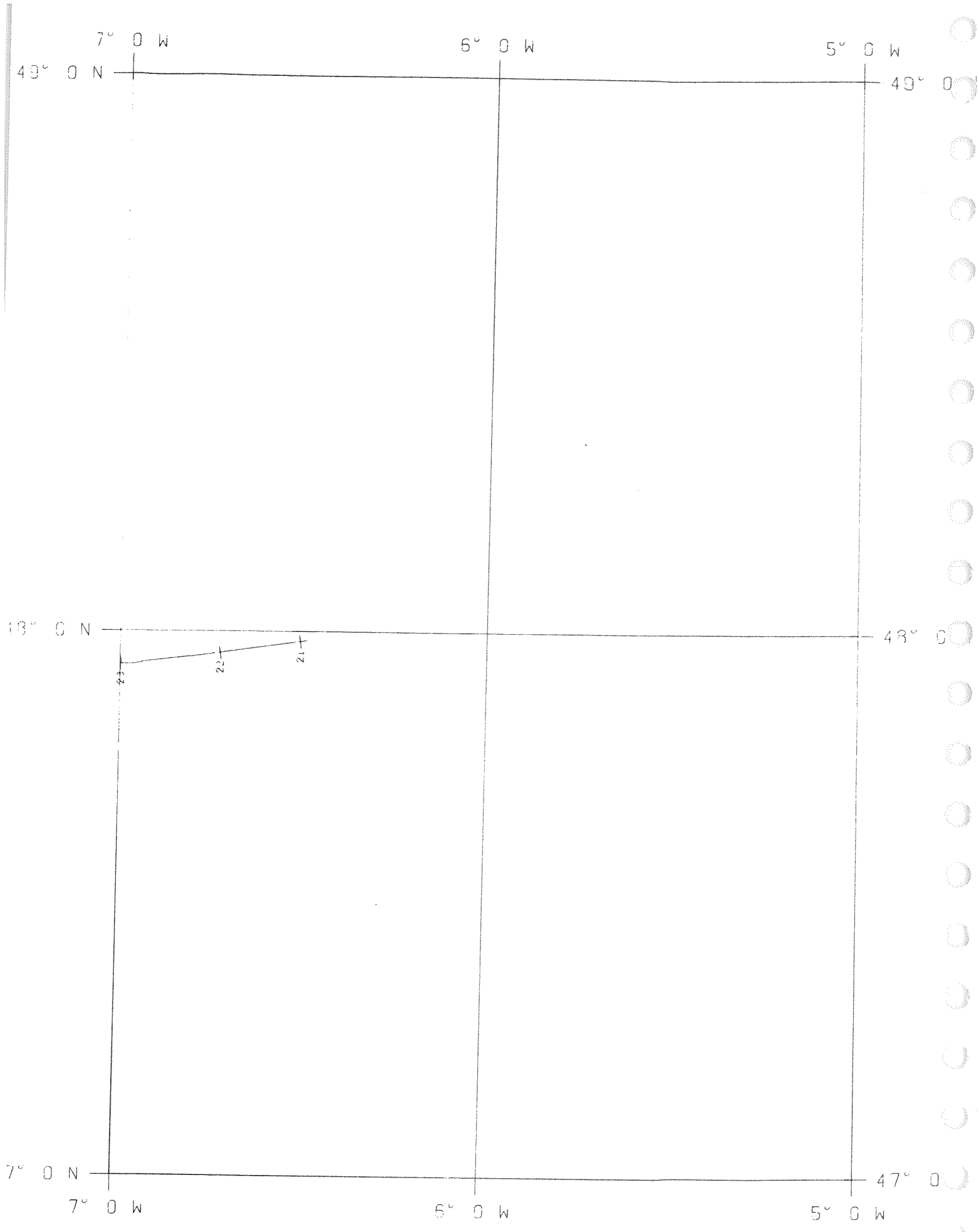
48° 0 N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6° 0 W
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22
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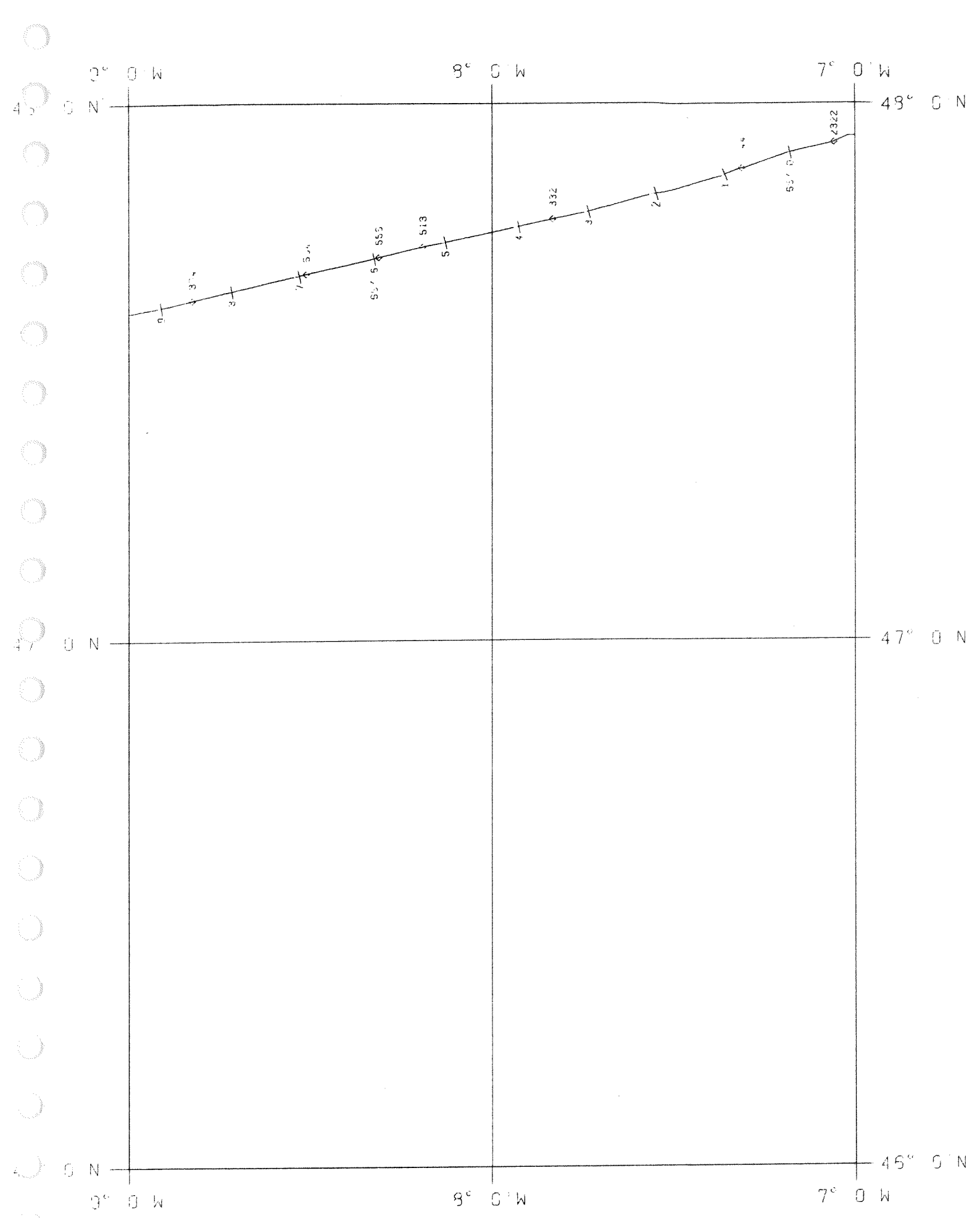
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47° 0 N
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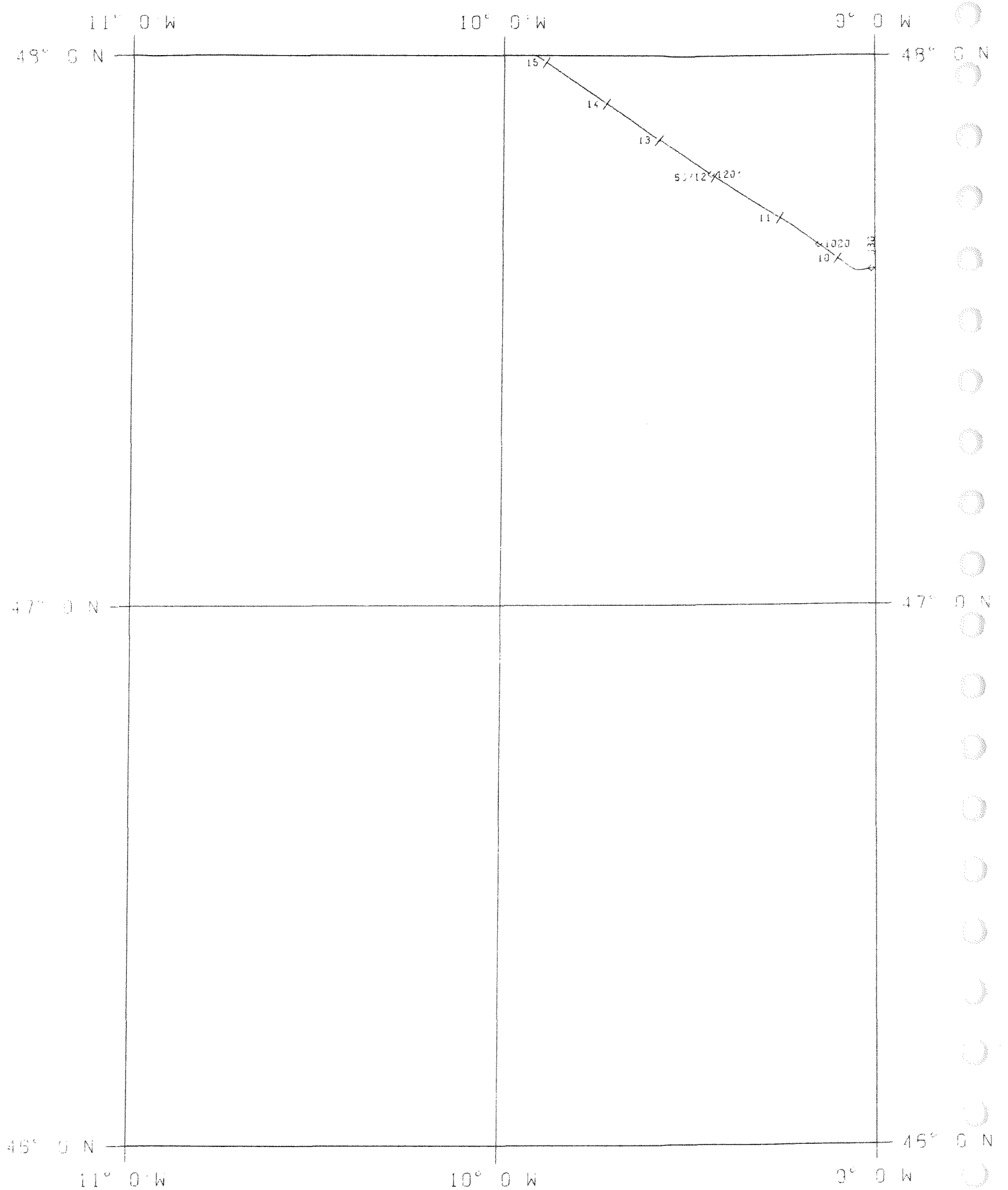
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9° 0 W
48° 0 N
47° 0 N
46° 0 N
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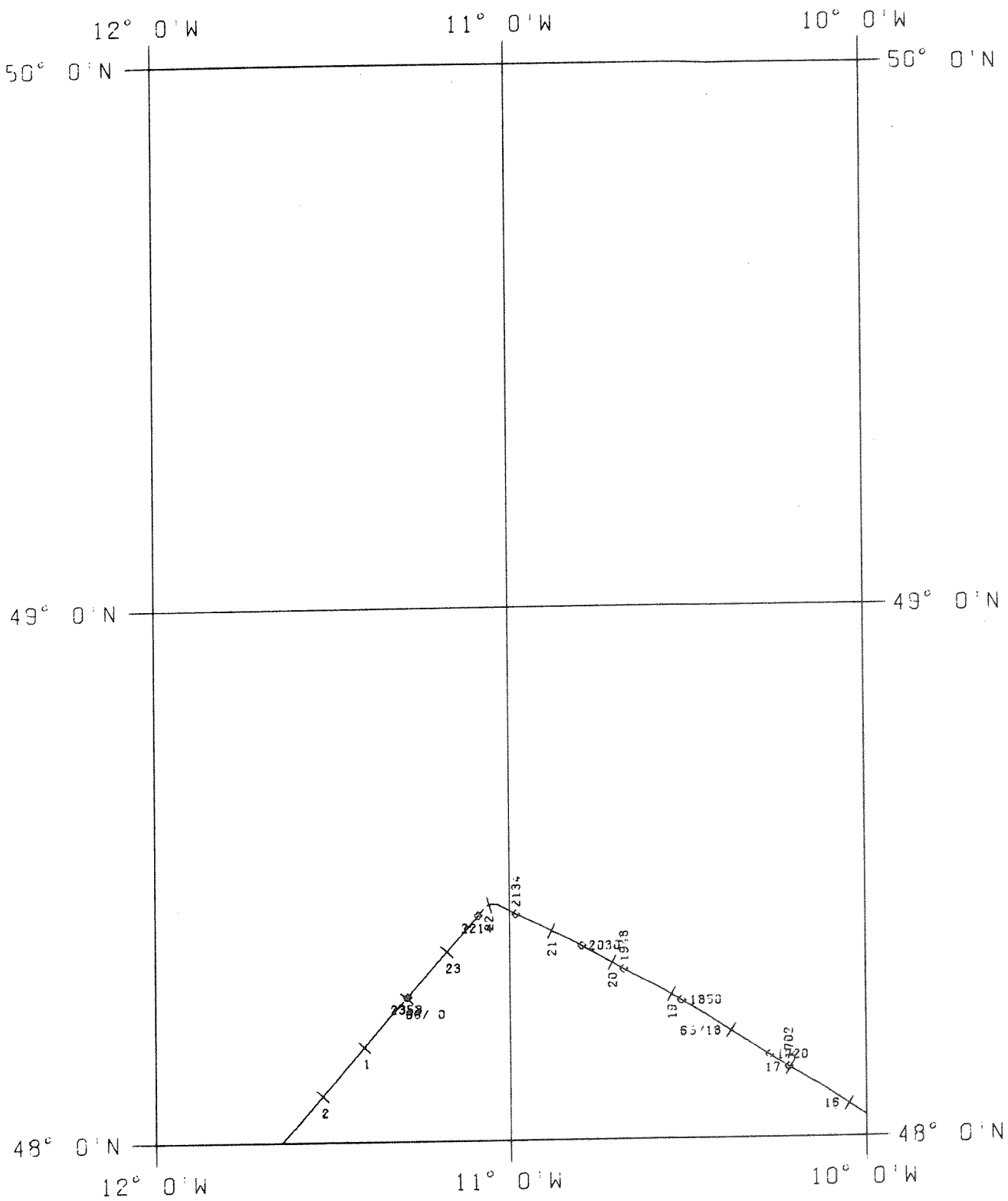
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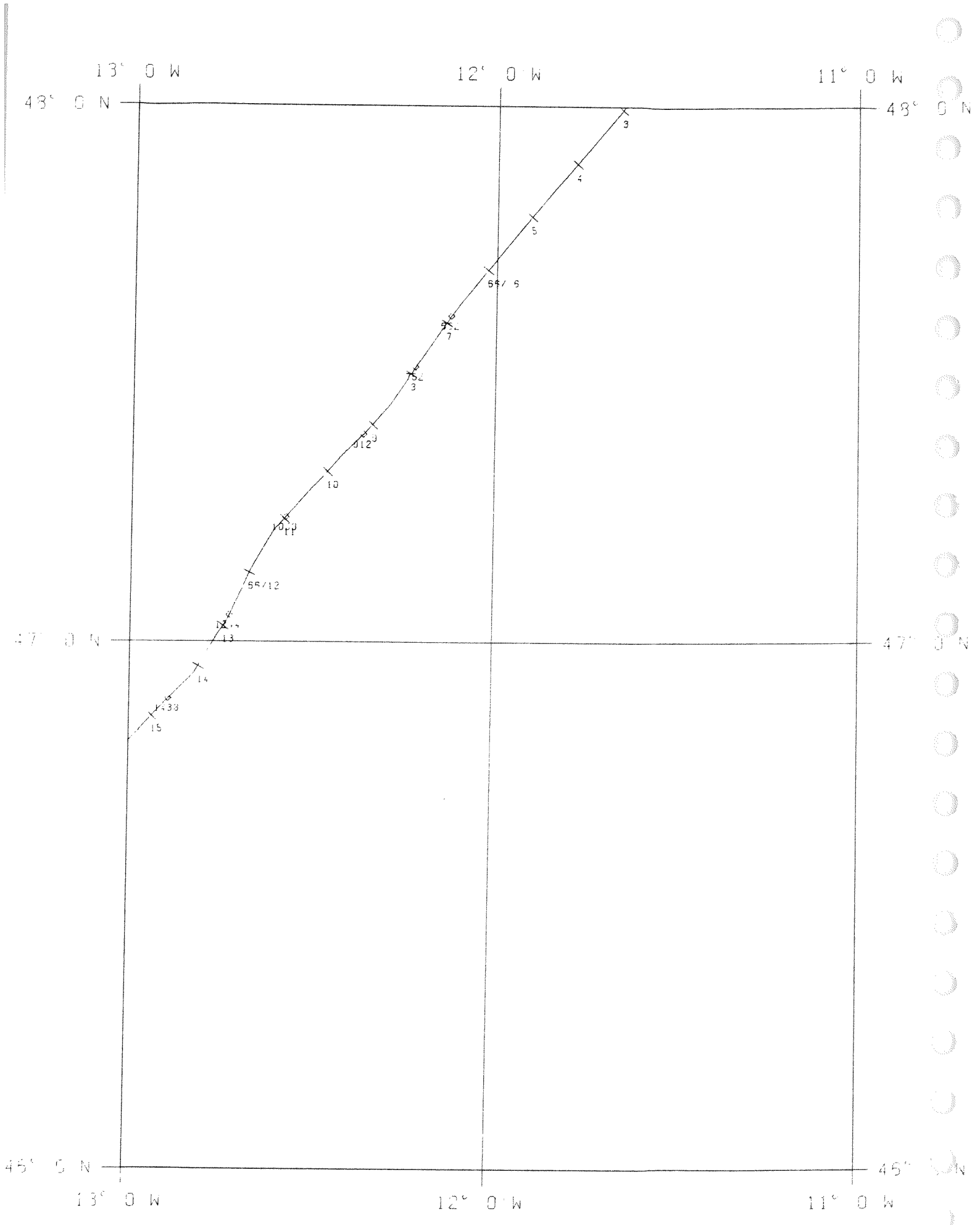
13° 0 W
12° 0 W
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48° 0 N
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45° 0 N
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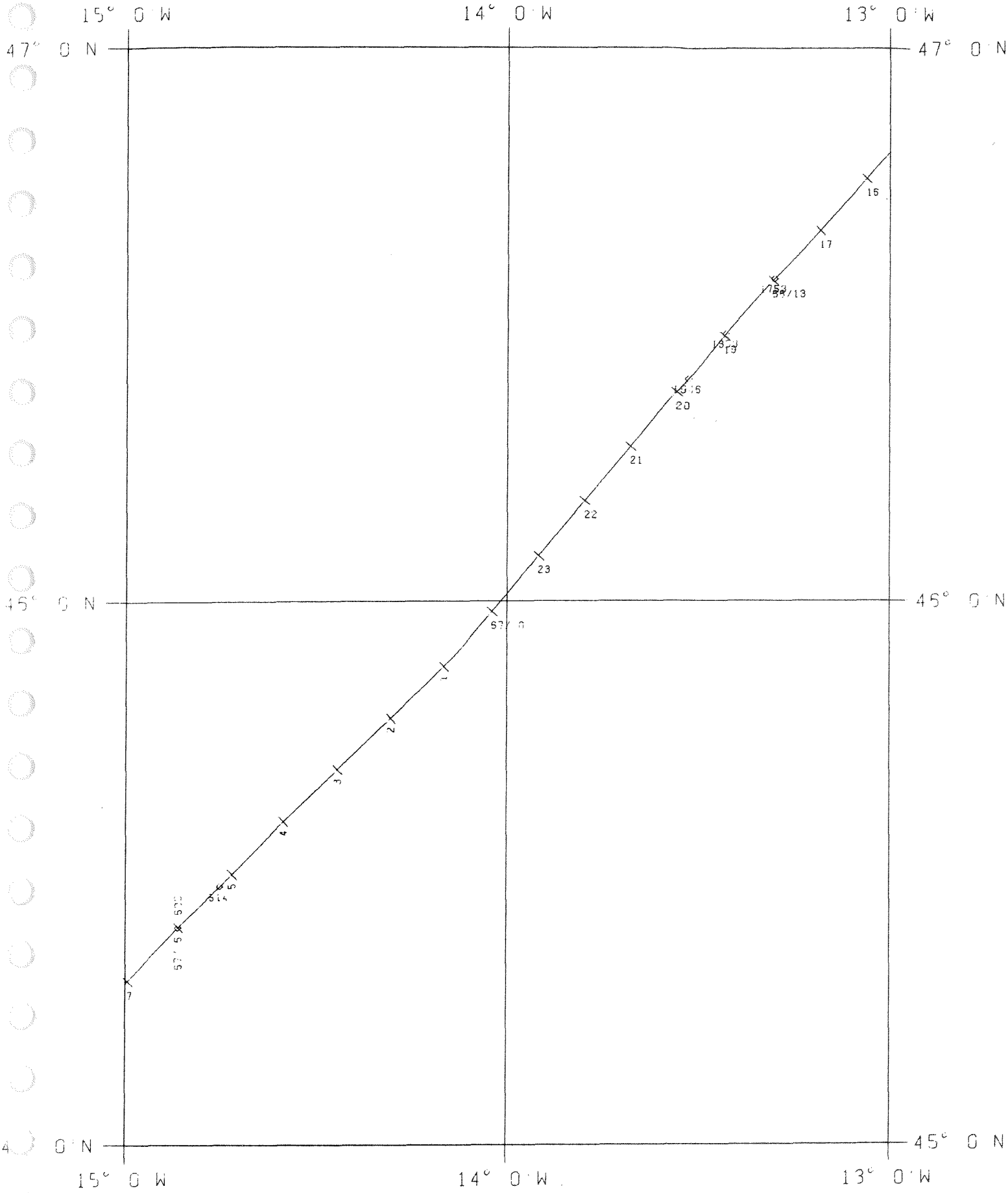
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14° 0 W
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47° 0 N
46° 0 N
45° 0 N
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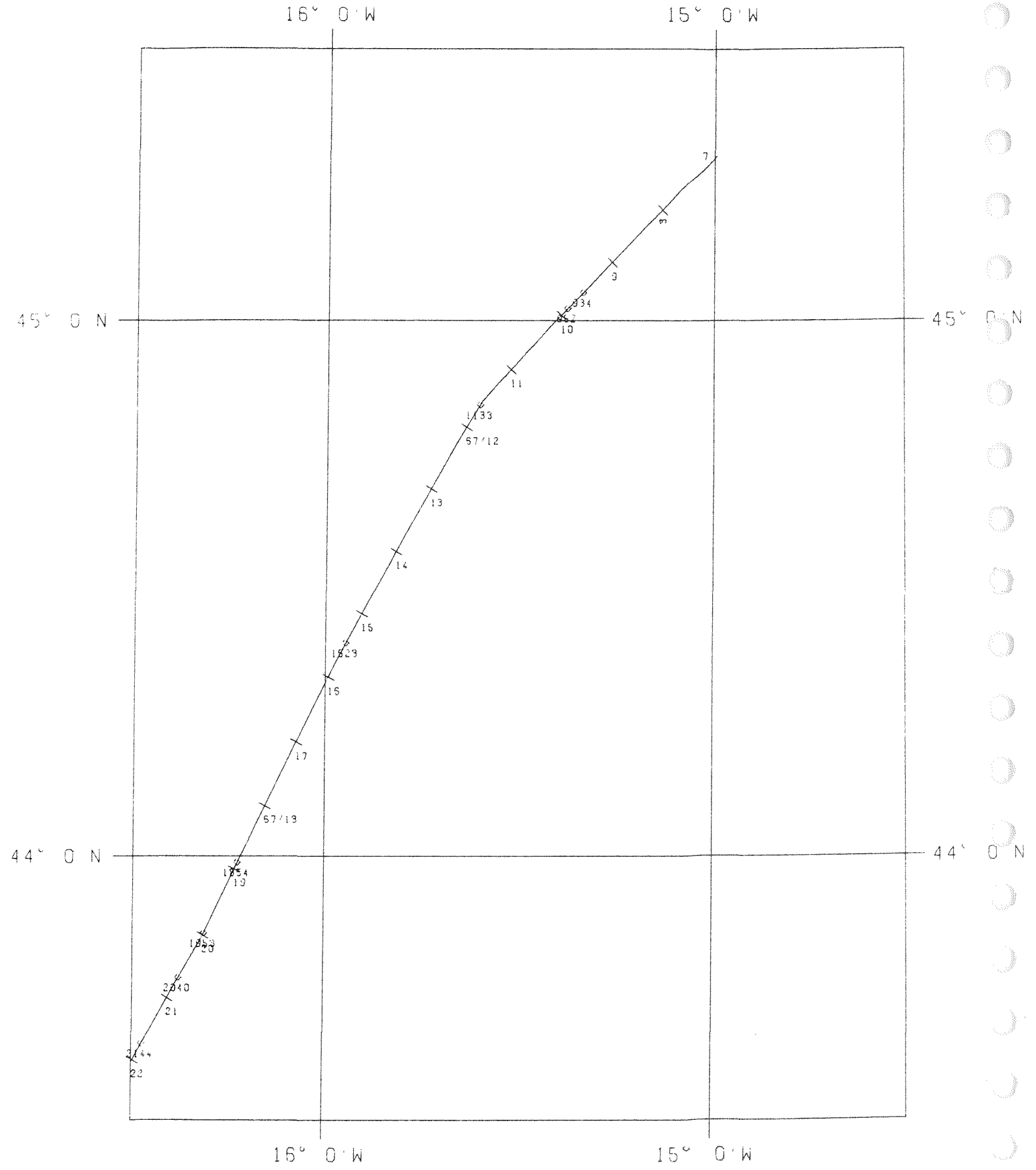
16° 0'W
15° 0'W
45° 0'N
44° 0'N
7
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67/12
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1523
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67/13
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2144
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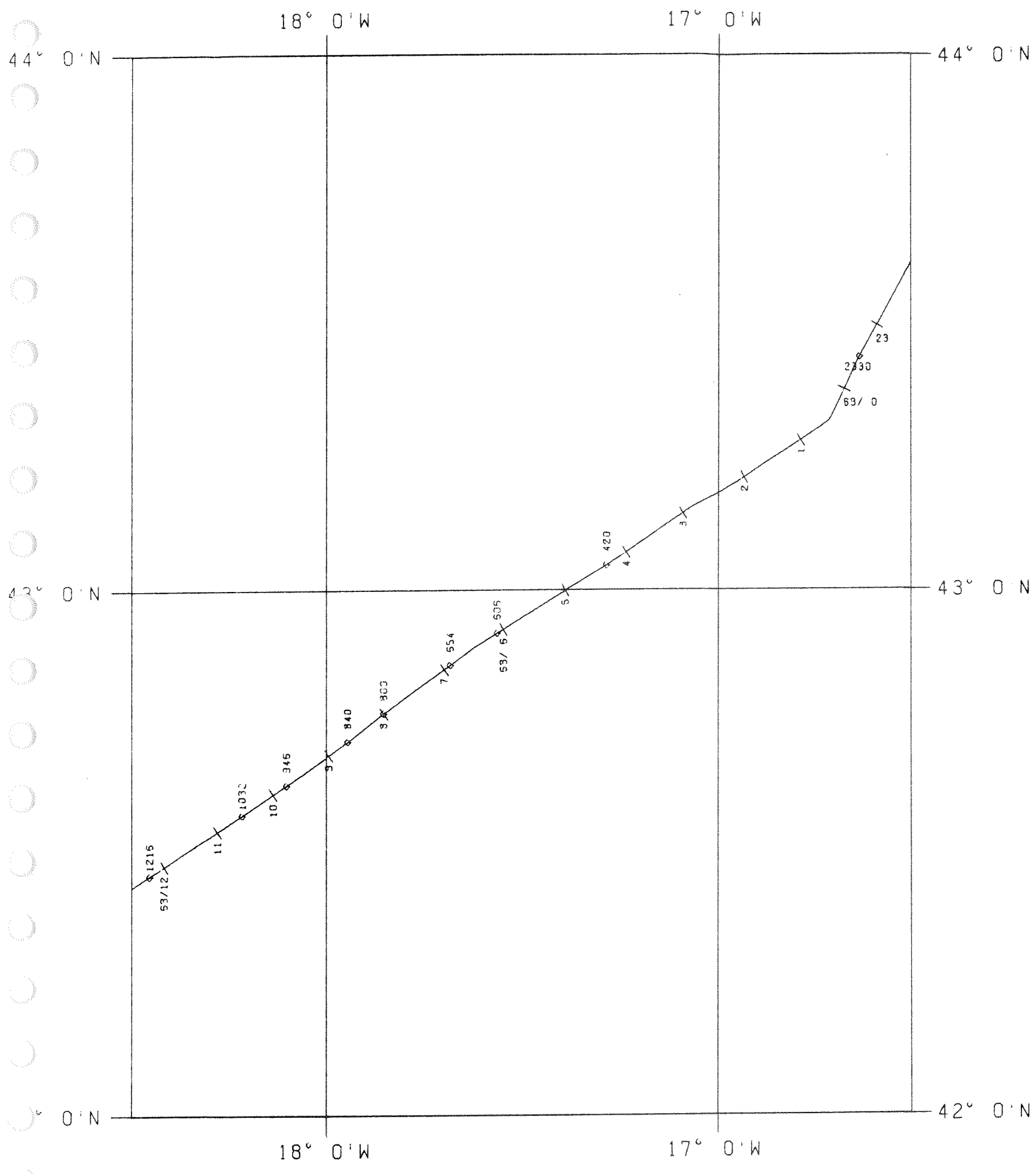
18° 0'W
17° 0'W
44° 0'N
43° 0'N
42° 0'N
1216
53/12
11
1032
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53/ 6
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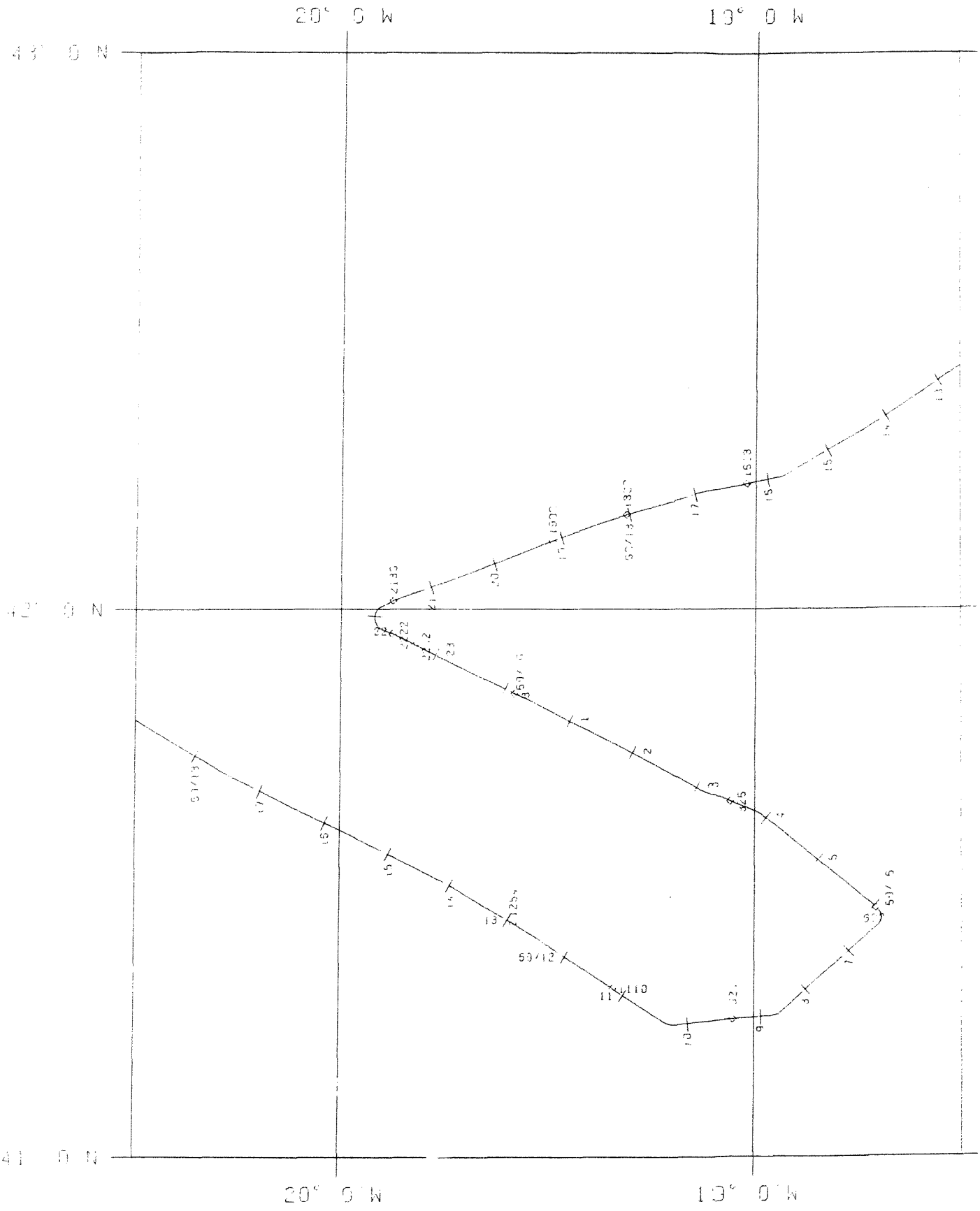
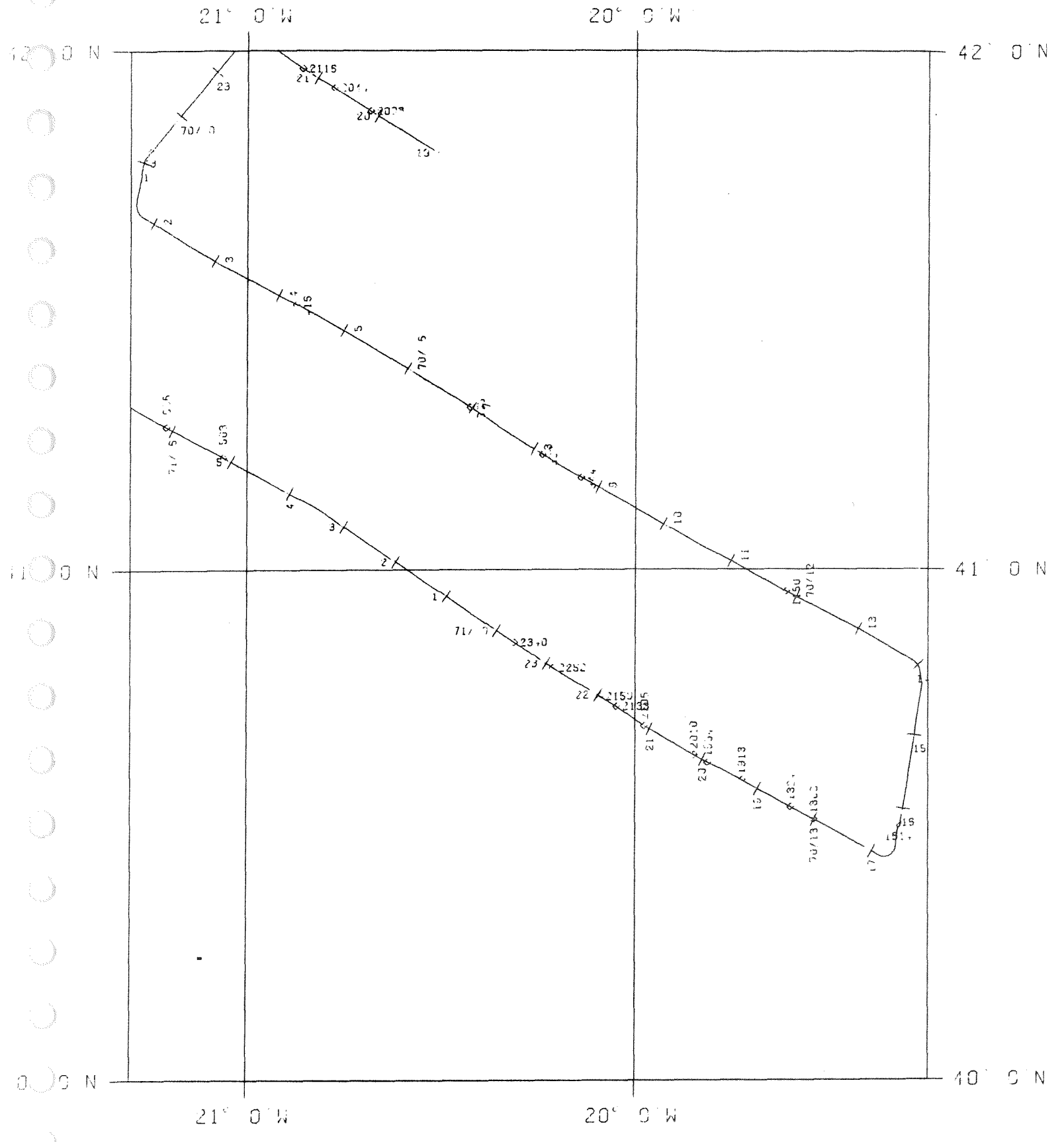
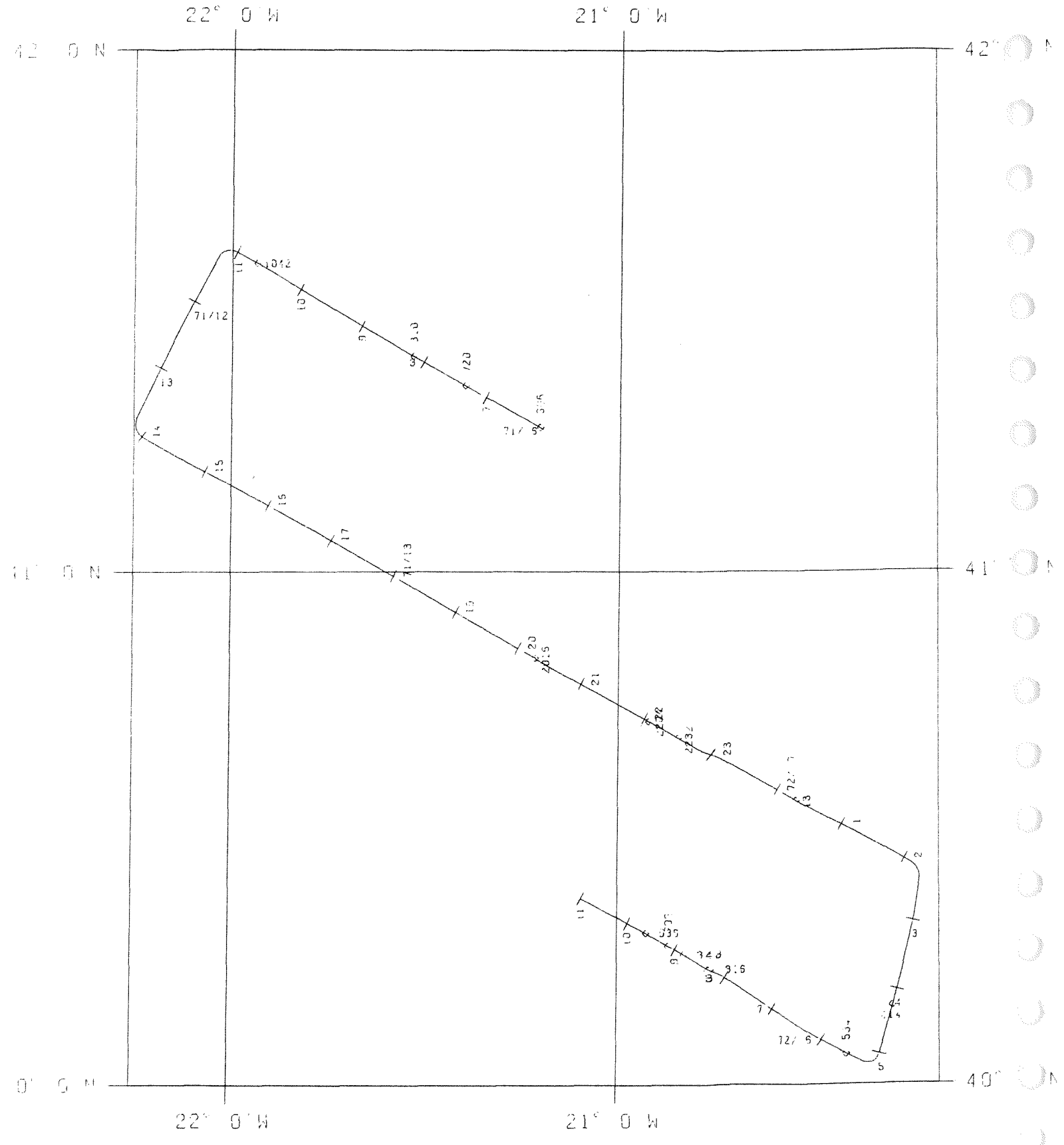
63/ 0


20° 0 W
13° 0 W
43° 0 N
42° 0 N
41° 0 N


21° 0' W
20° 0' W
42° 0' N
41° 0' N
40° 0' N


22° 0' W
21° 0' W
42° 0' N
41° 0' N
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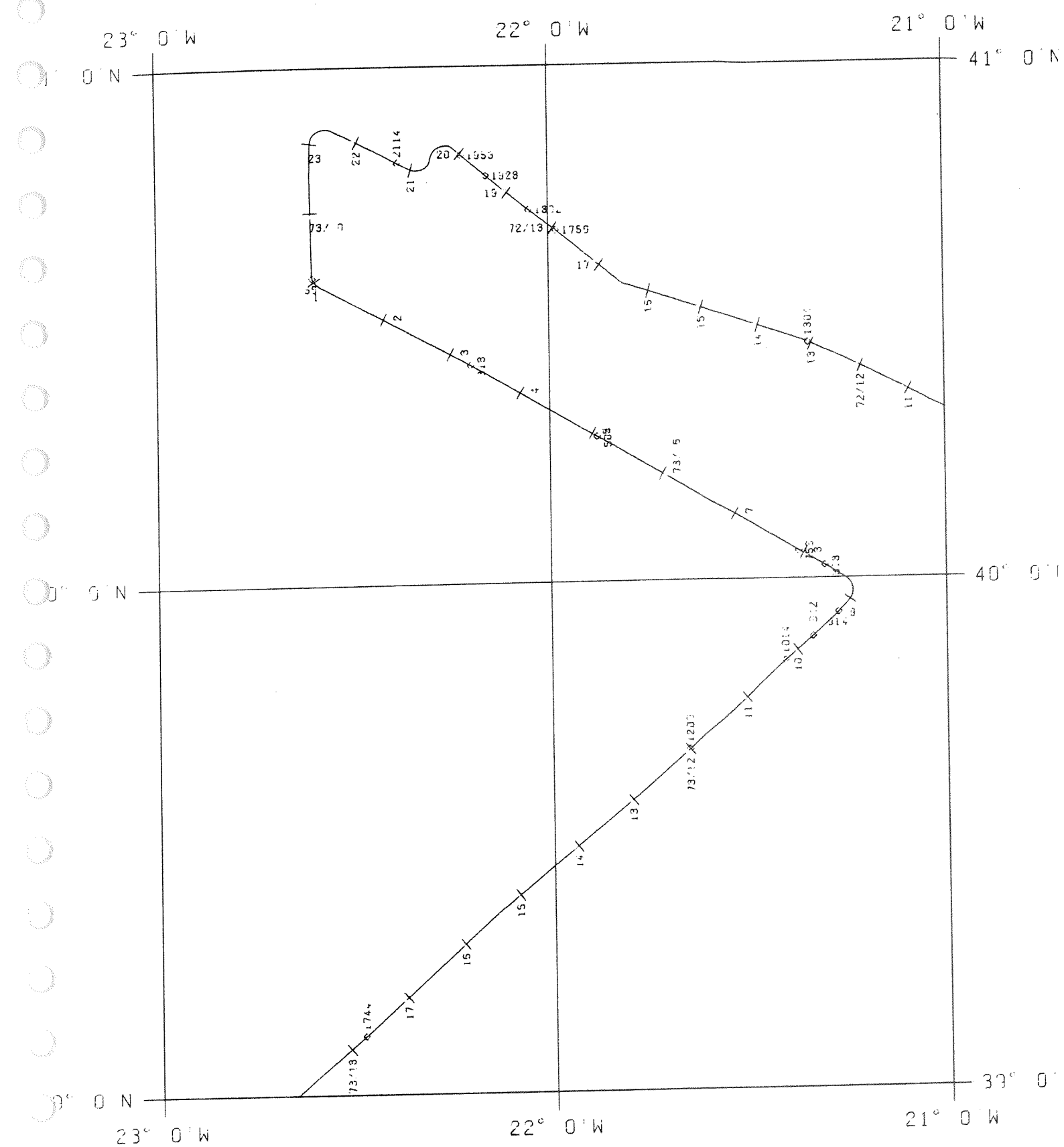
23° 0'W
22° 0'W
21° 0'W
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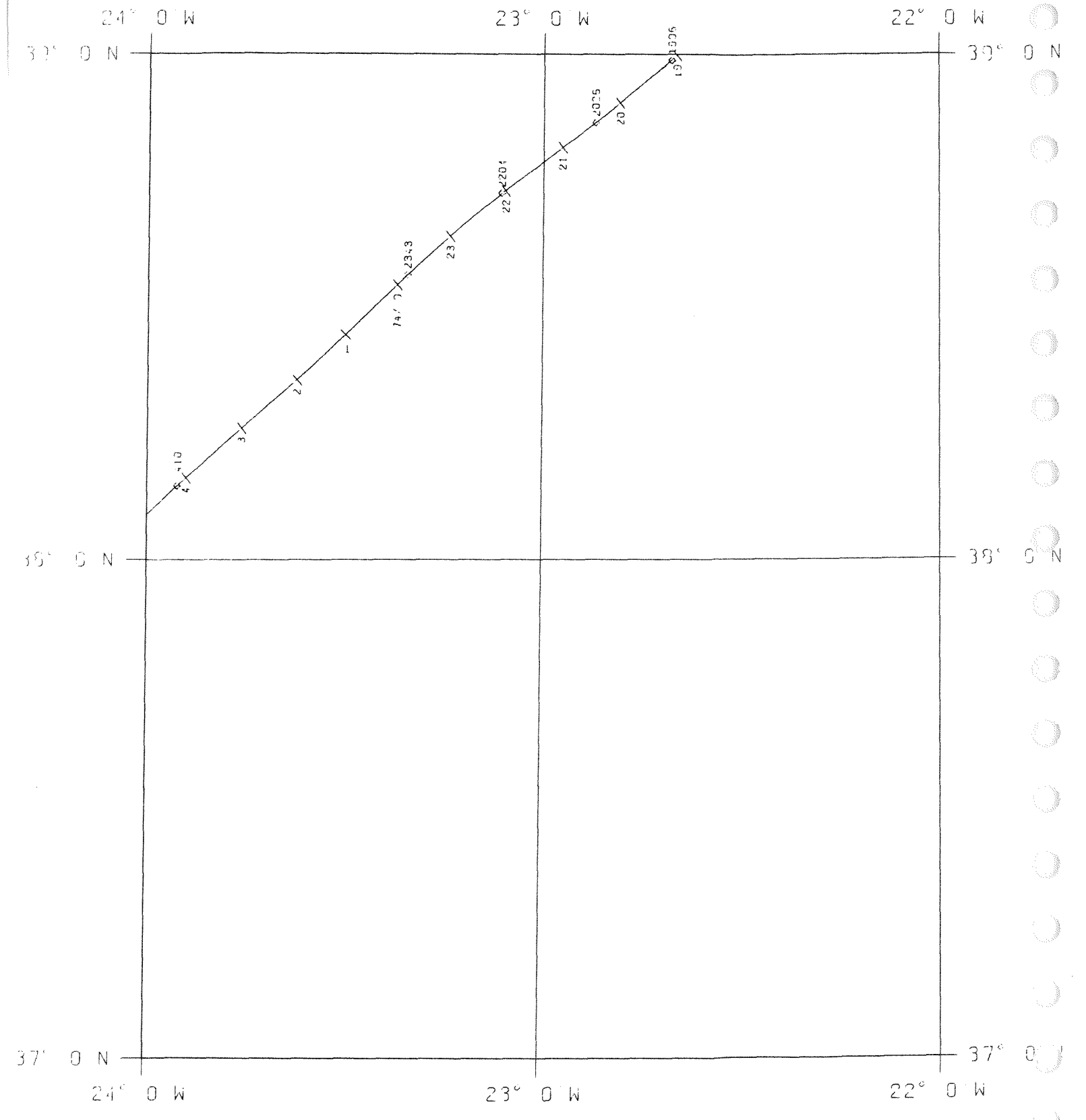
39° 0'N
23° 0'W
22° 0'W
21° 0'W


24° 0 W
23° 0 W
22° 0 W
39° 0 N
38° 0 N
37° 0 N
1
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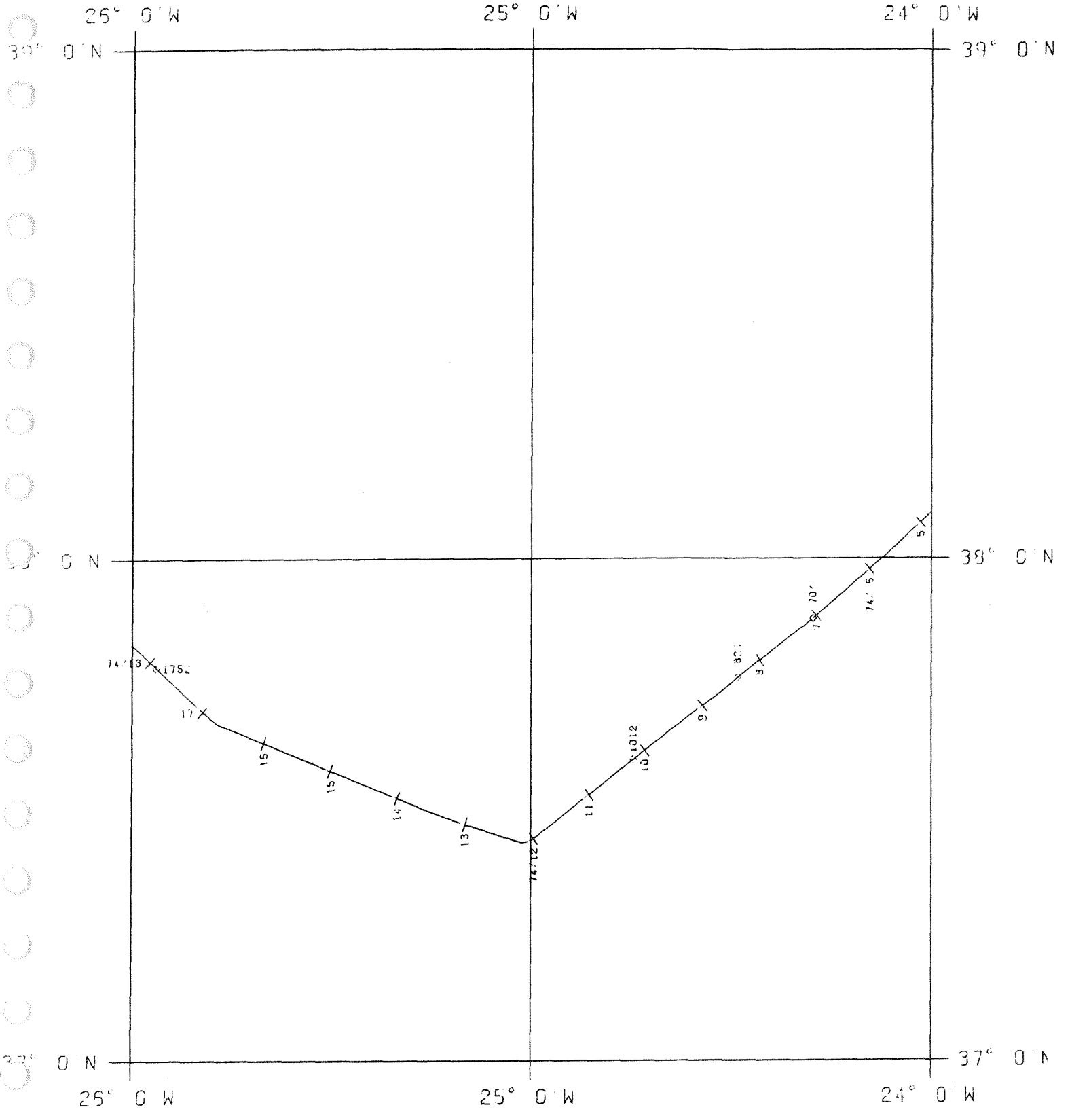
23



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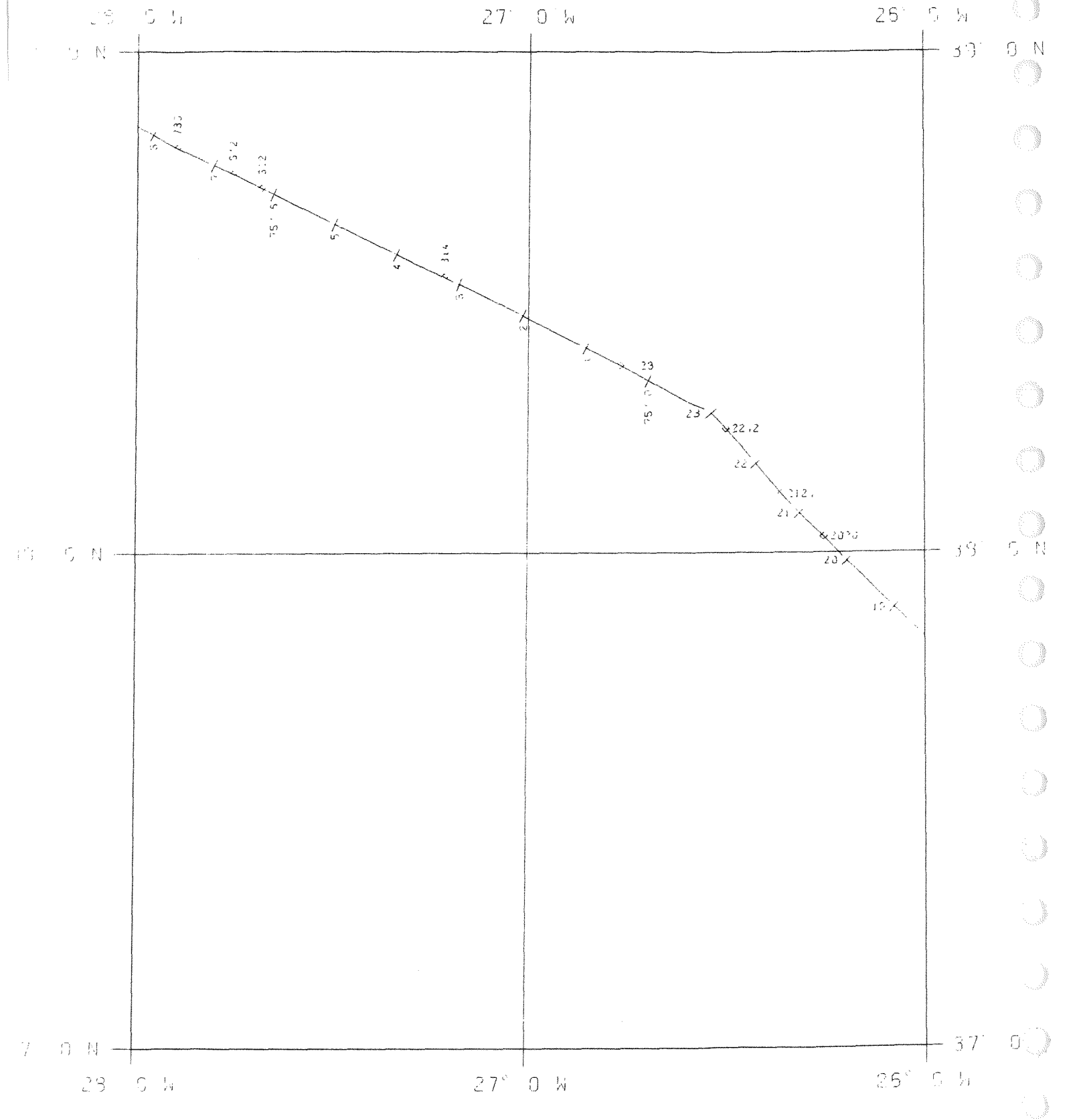
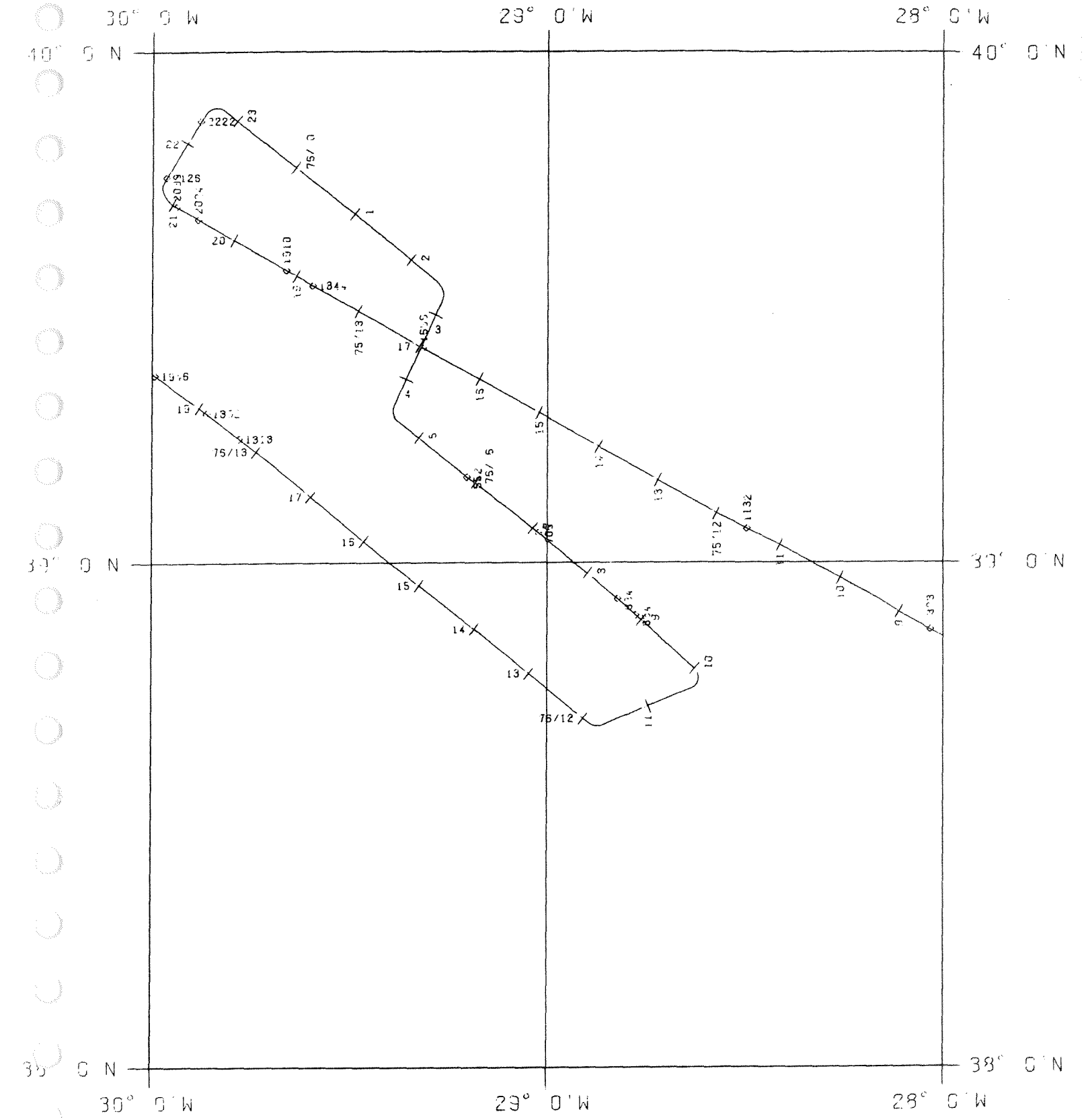
24° 0'W
39° 0'N
38° 0'N
37° 0'N


27° 0' W
25° 0' W
39° 0' N
33° 0' N
37° 0' N
28° 0' W
27° 0' W
26° 0' W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29° 0'W
28° 0'W
40° 0'N
39° 0'N
38° 0'N
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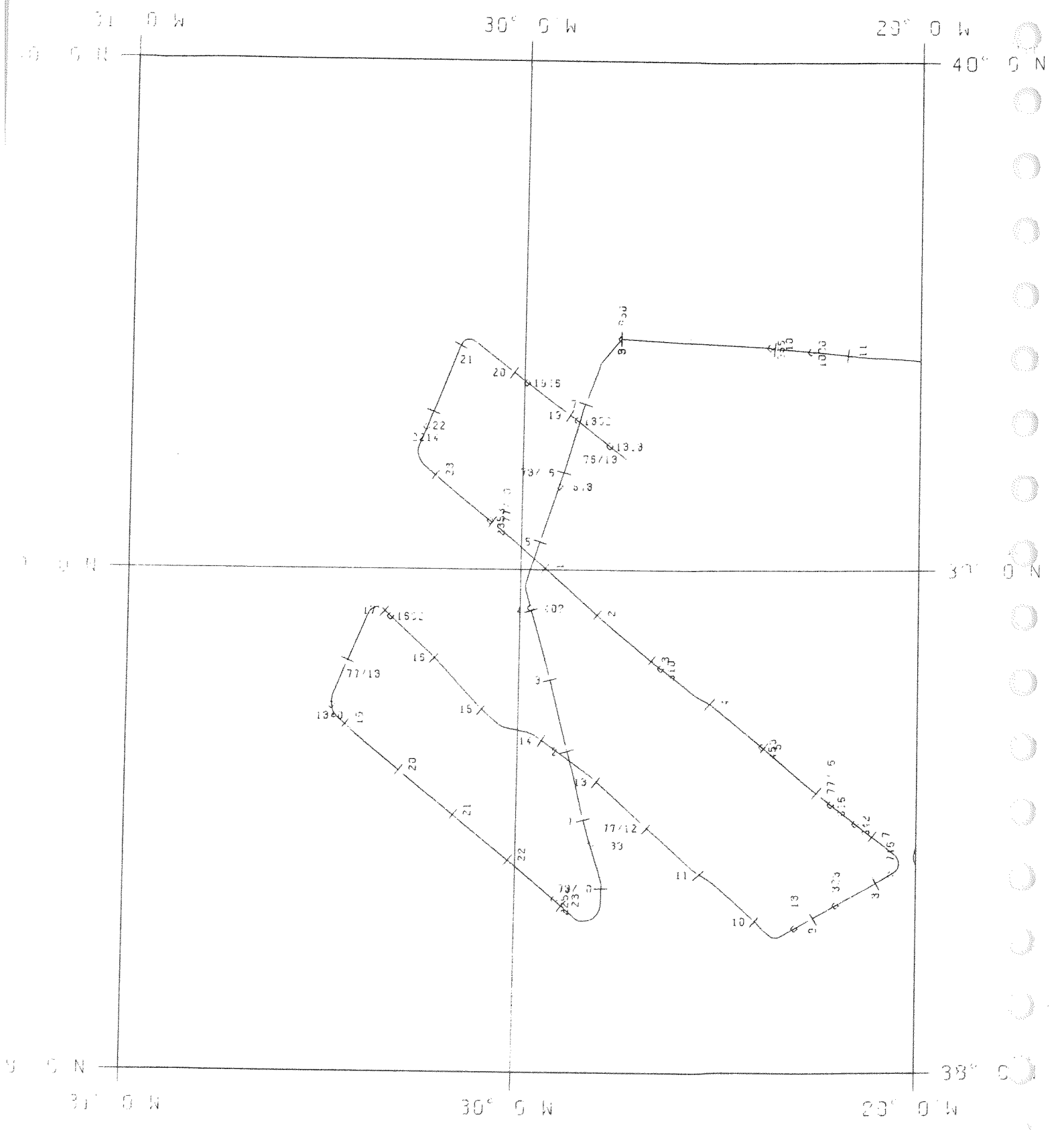
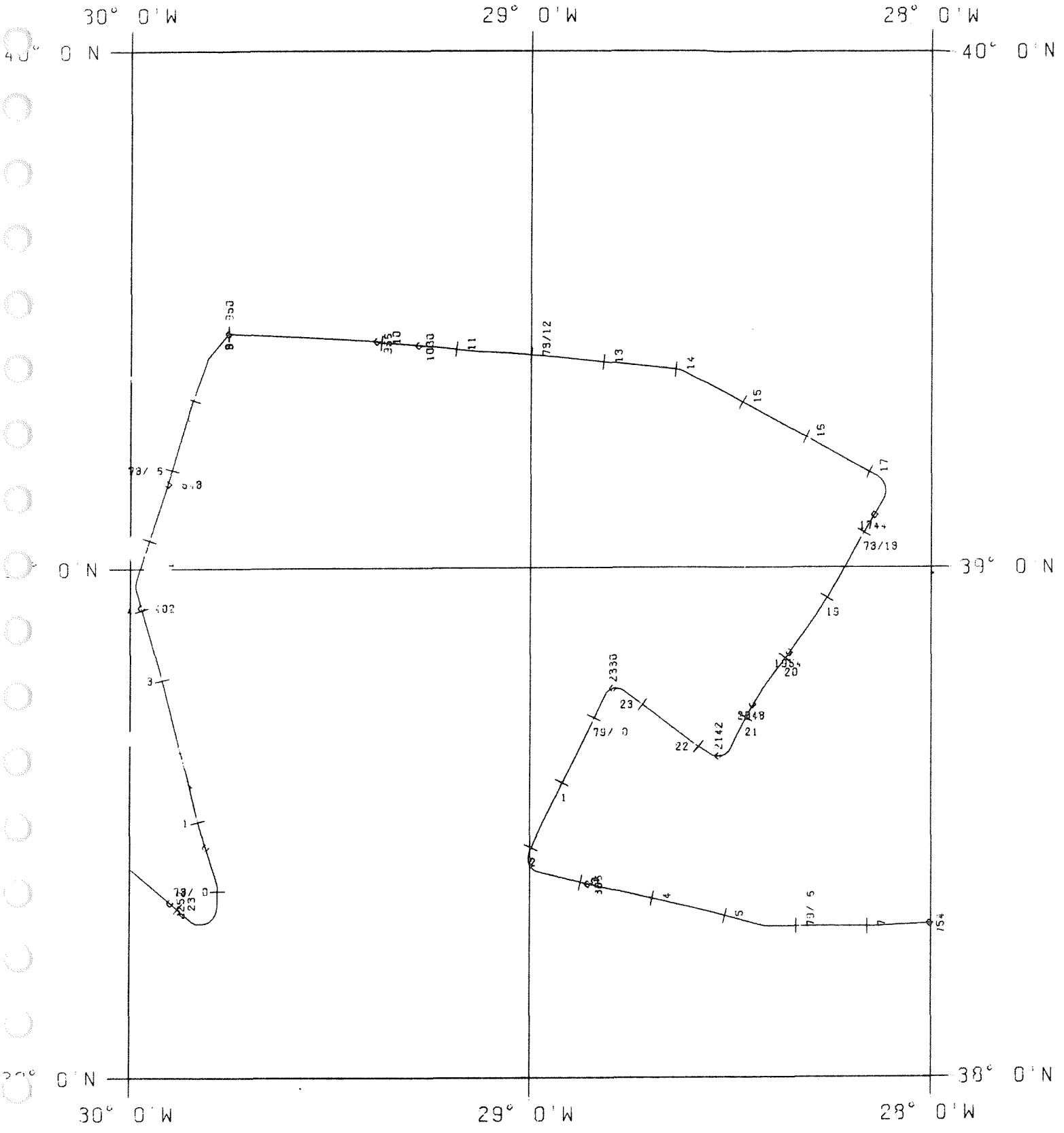
75/13
75/12
75/ 6


31° 0 W
30° 0 W
29° 0 W
40° 0 N
38° 0 N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39° 0'N
38° 0'N
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73/12
73/19
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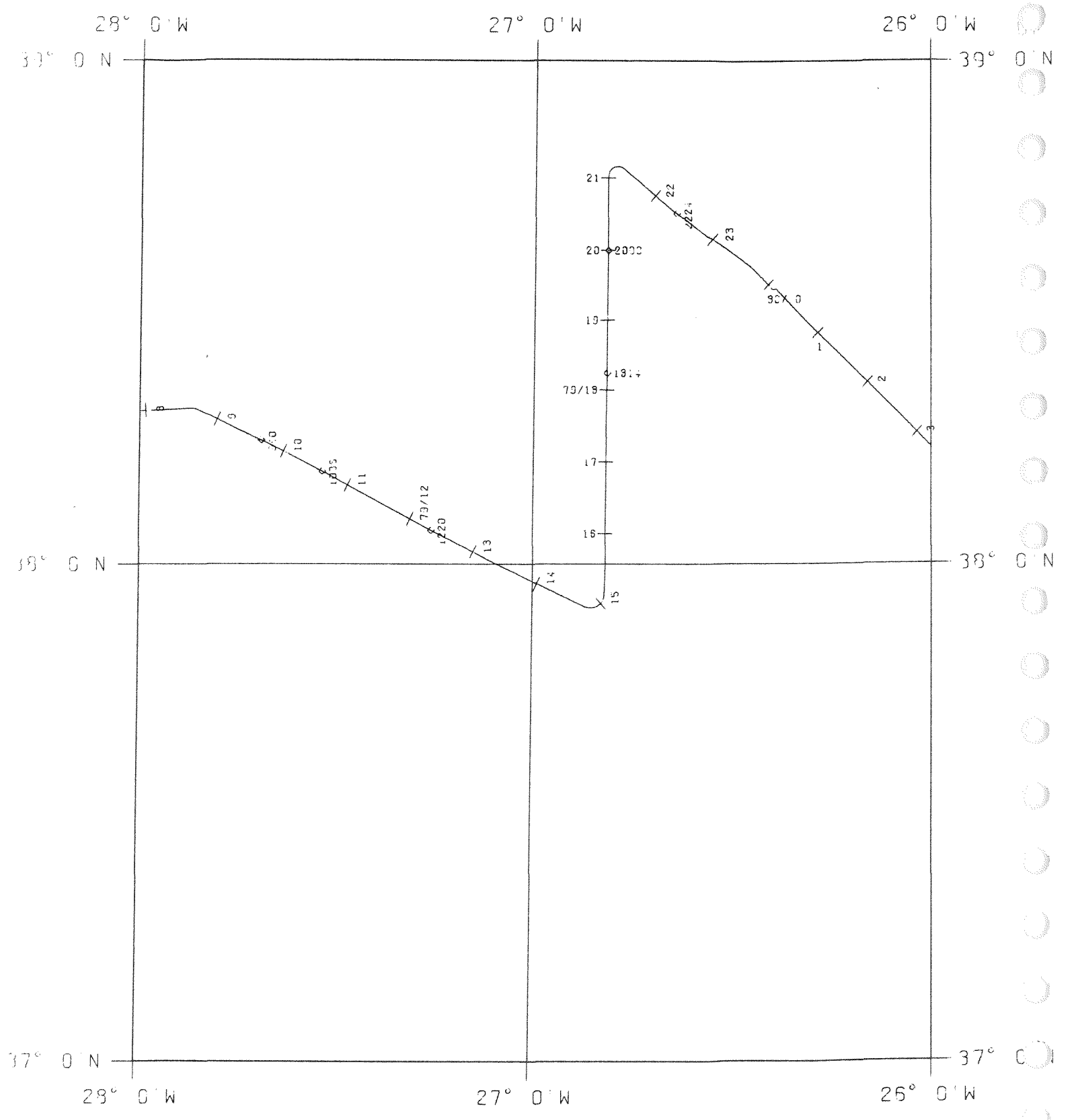
2348
2348
2348


28° 0'W
27° 0'W
26° 0'W
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38° 0'N
37° 0'N
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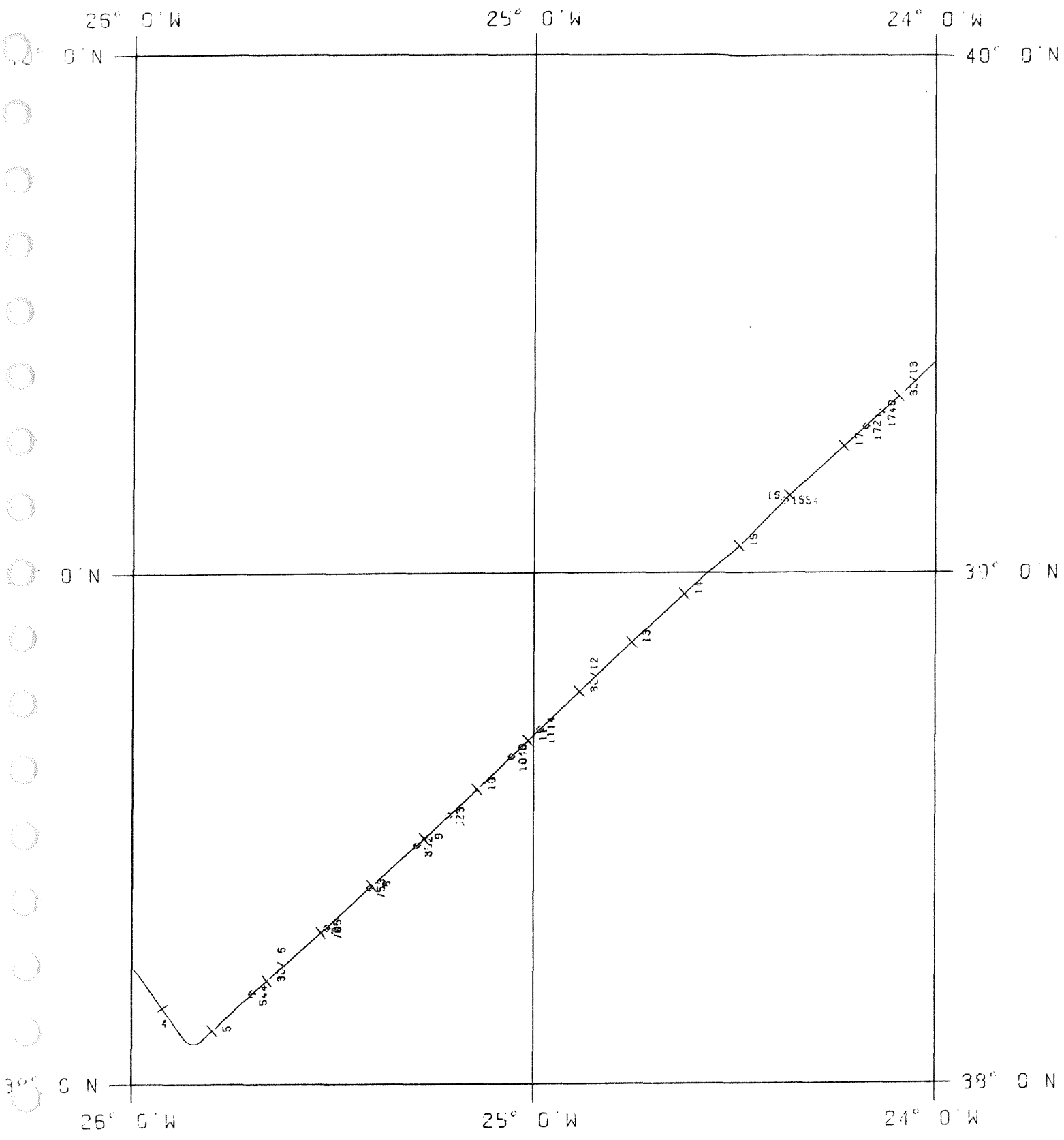
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25° 0'W
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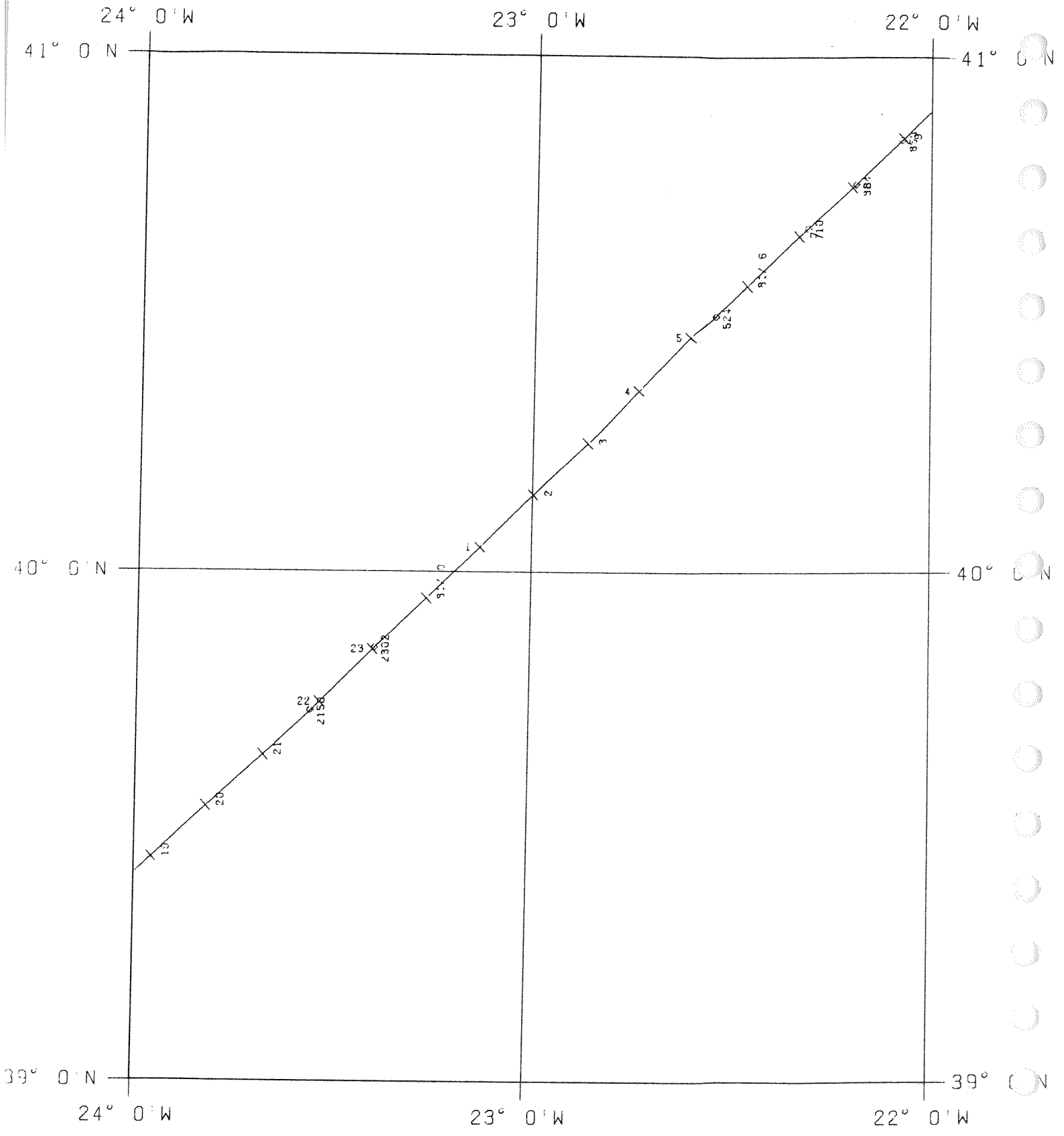
39° 0'N
38° 0'N
25° 0'W
25° 0'W
24° 0'W


24° 0'W
23° 0'W
22° 0'W
41° 0'N
40° 0'N
39° 0'N
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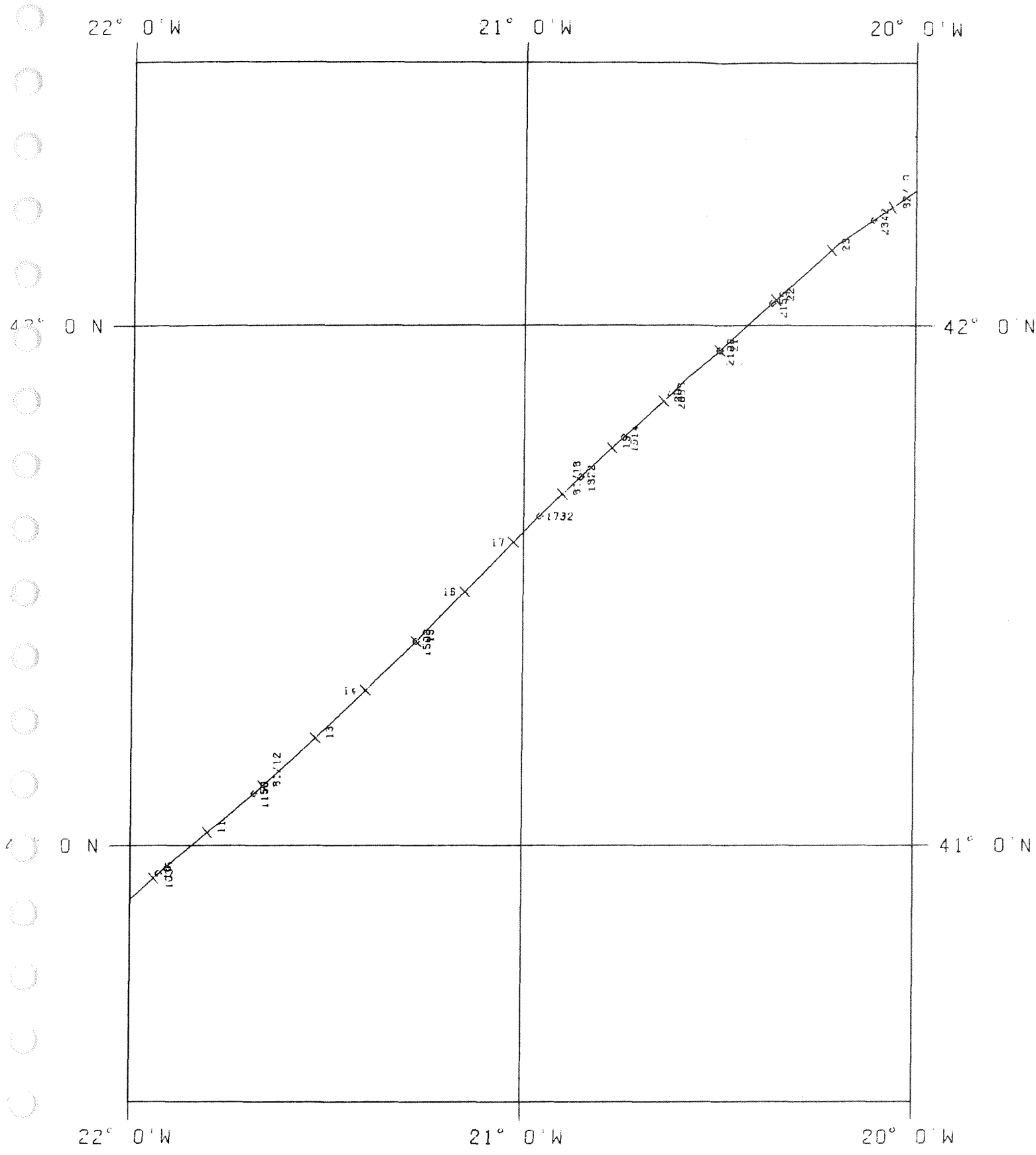
22° 0'W
21° 0'W
20° 0'W
42° 0'N
41° 0'N
1732
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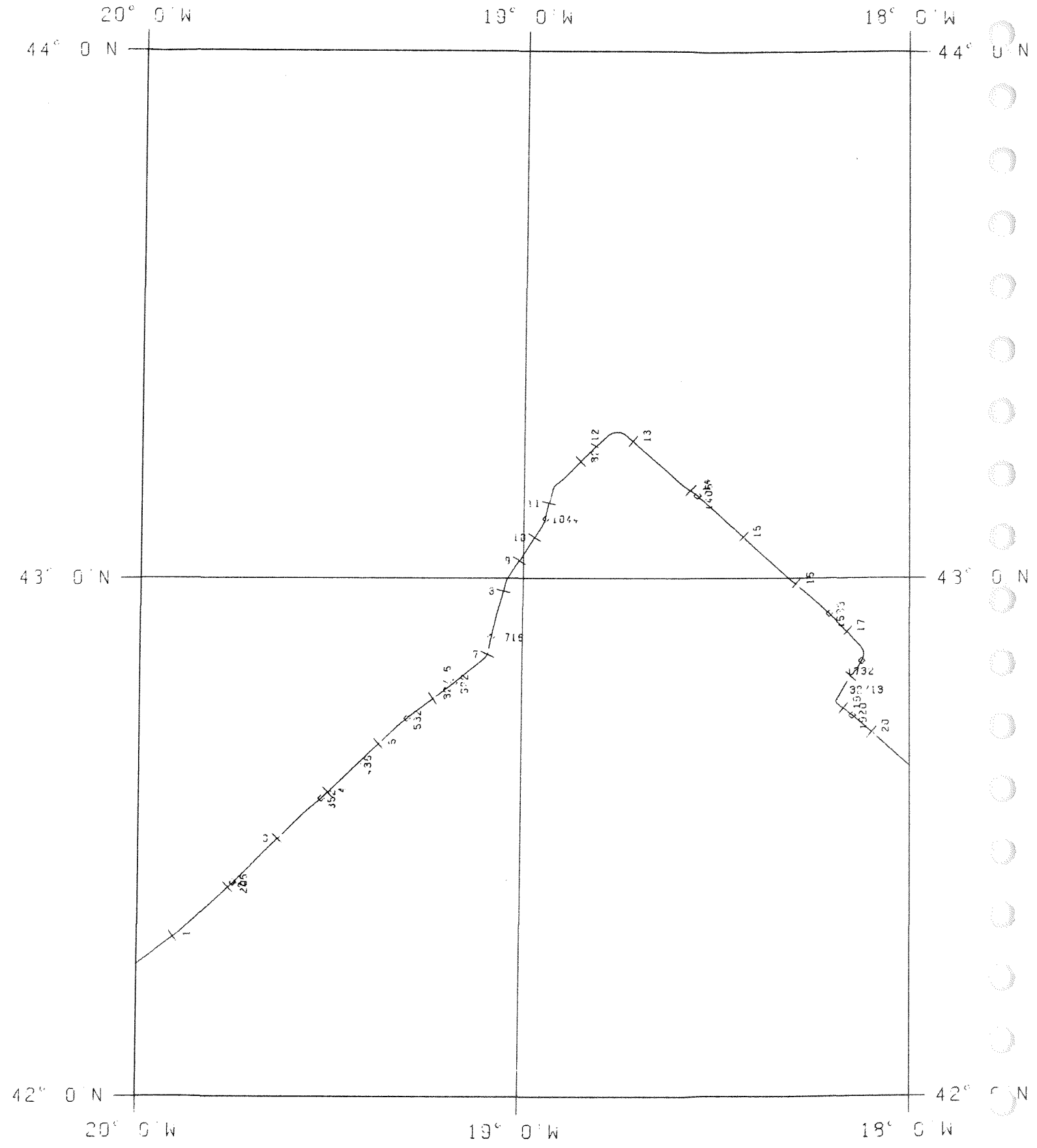
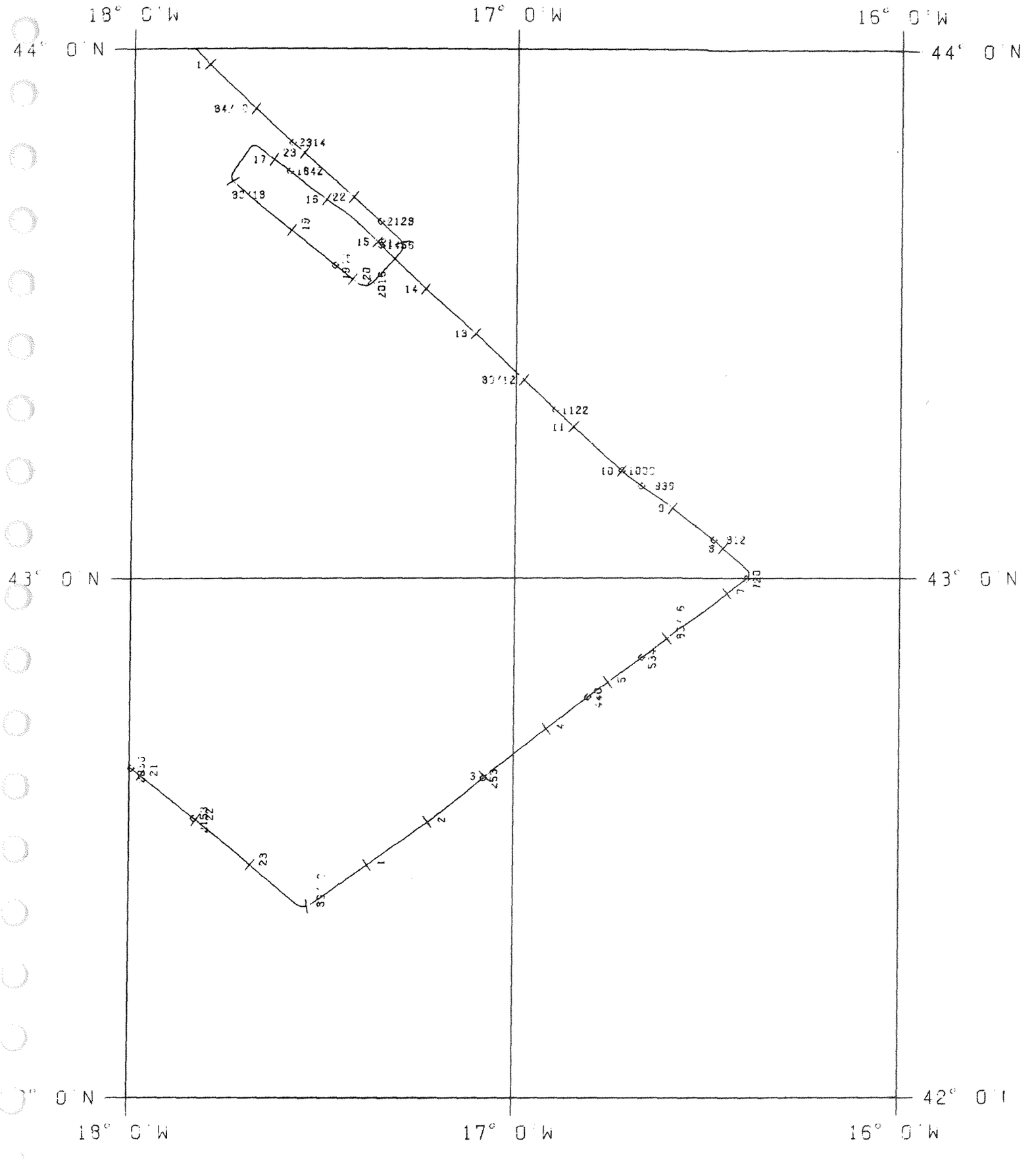
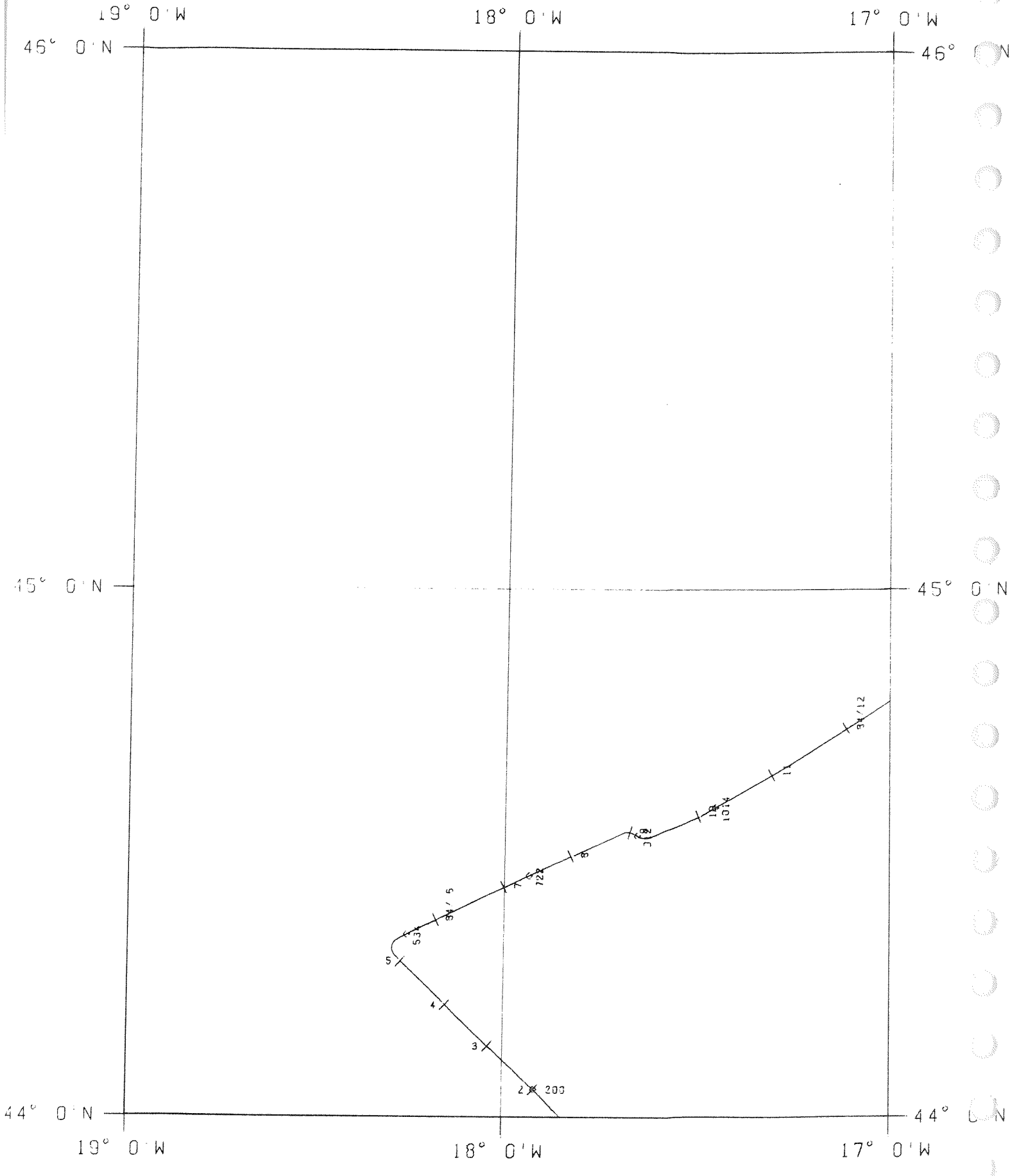
16
14
13
11


20° 0'W
19° 0'W
18° 0'W
44° 0'N
43° 0'N
42° 0'N


18° 0' W
17° 0' W
16° 0' W
44° 0' N
43° 0' N
42° 0' N


19° 0'W
18° 0'W
17° 0'W
46° 0'N
45° 0'N
44° 0'N
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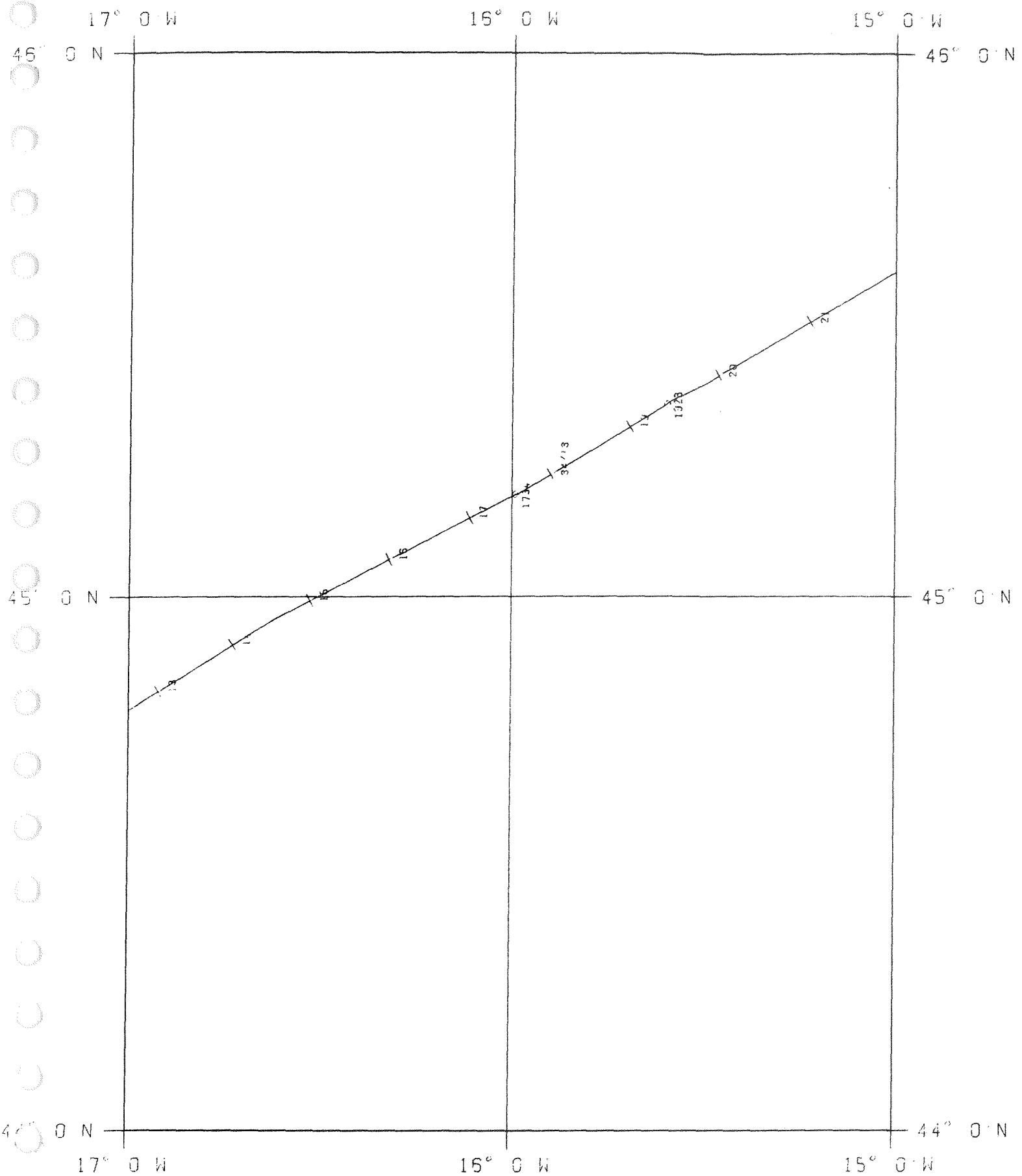
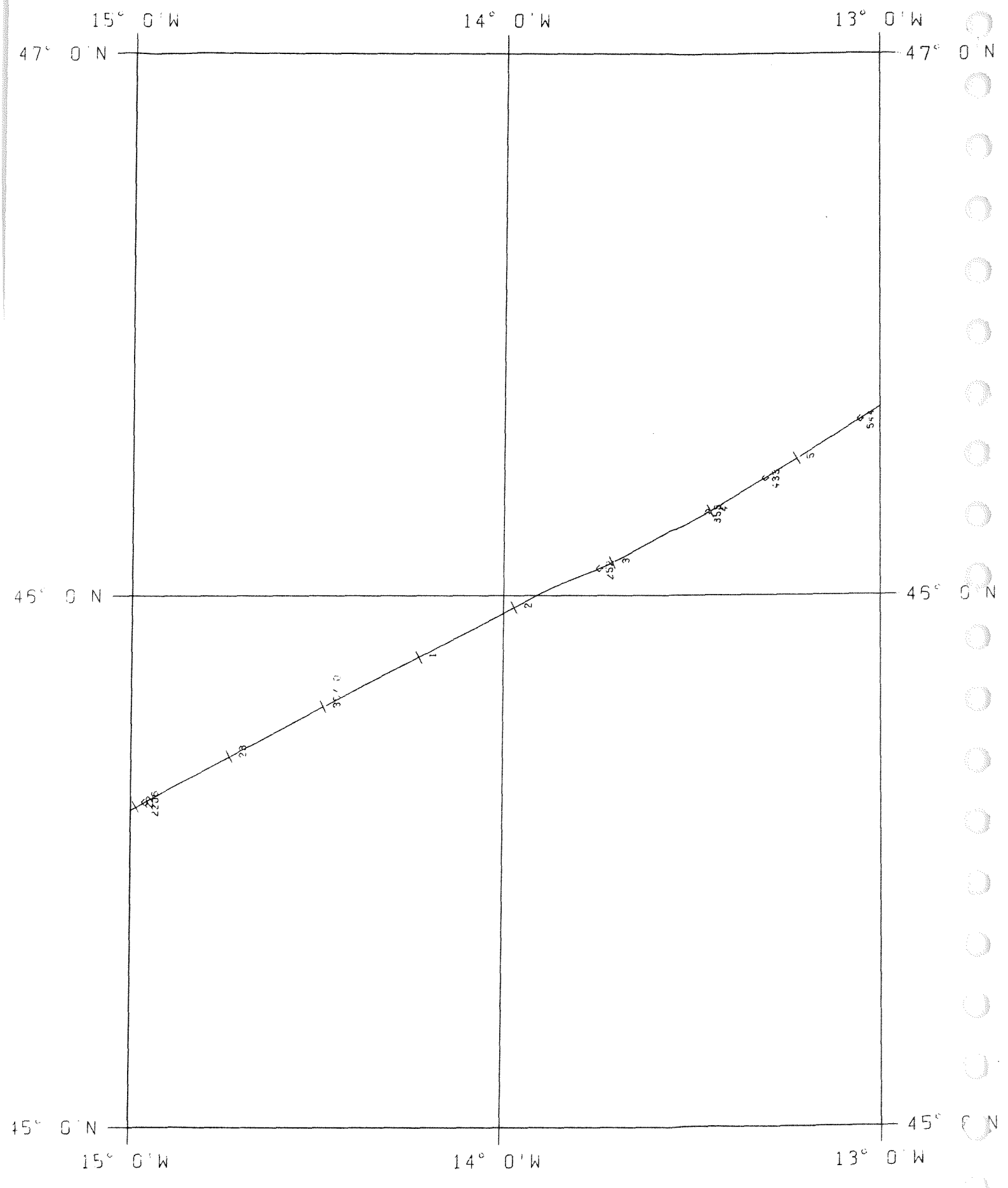
4
3
2
200


17° 0 W
16° 0 W
15° 0 W
46° 0 N
45° 0 N
44° 0 N


15° 0'W
14° 0'W
13° 0'W
47° 0'N
46° 0'N
45° 0'N
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2
3
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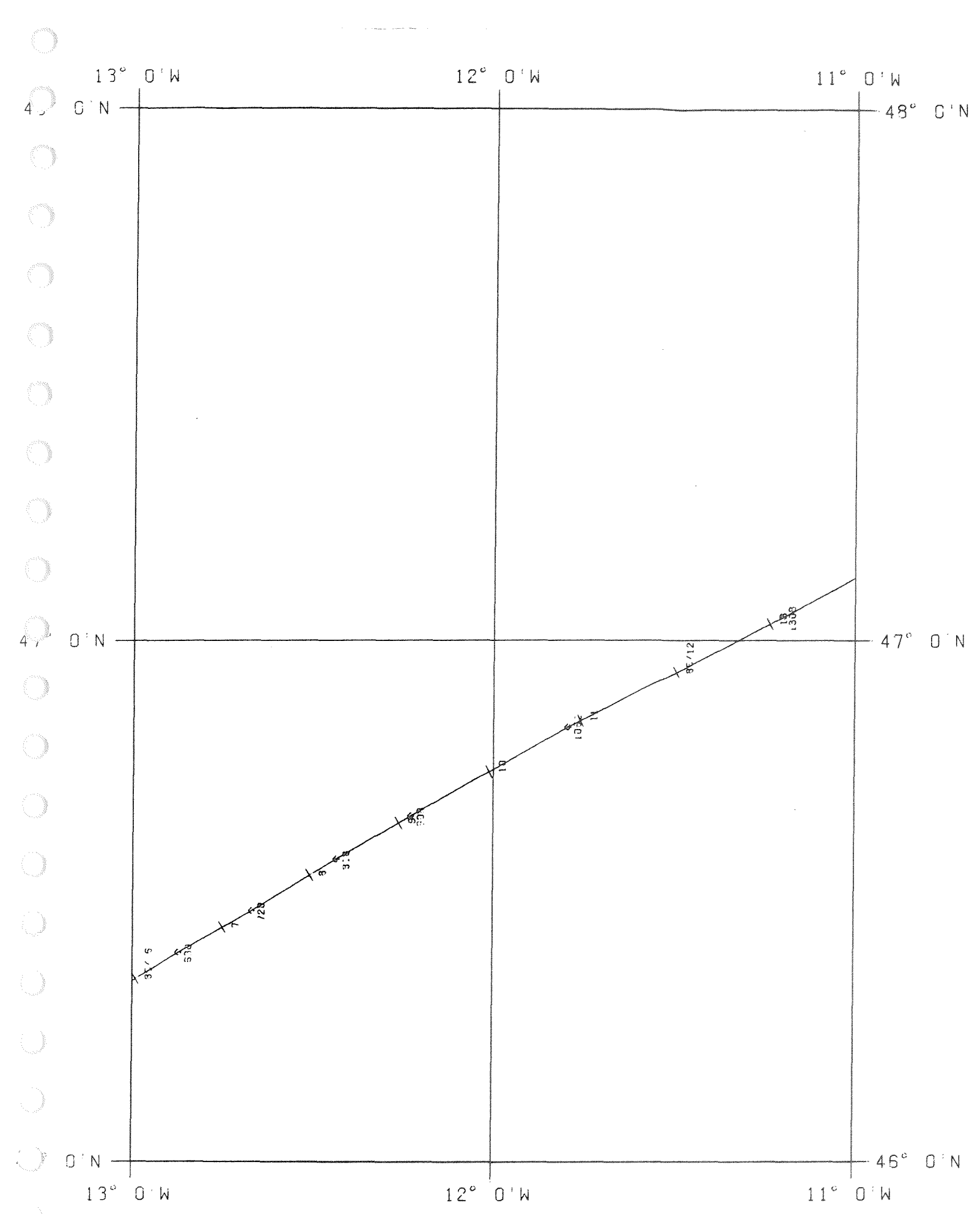
13° 0'W
12° 0'W
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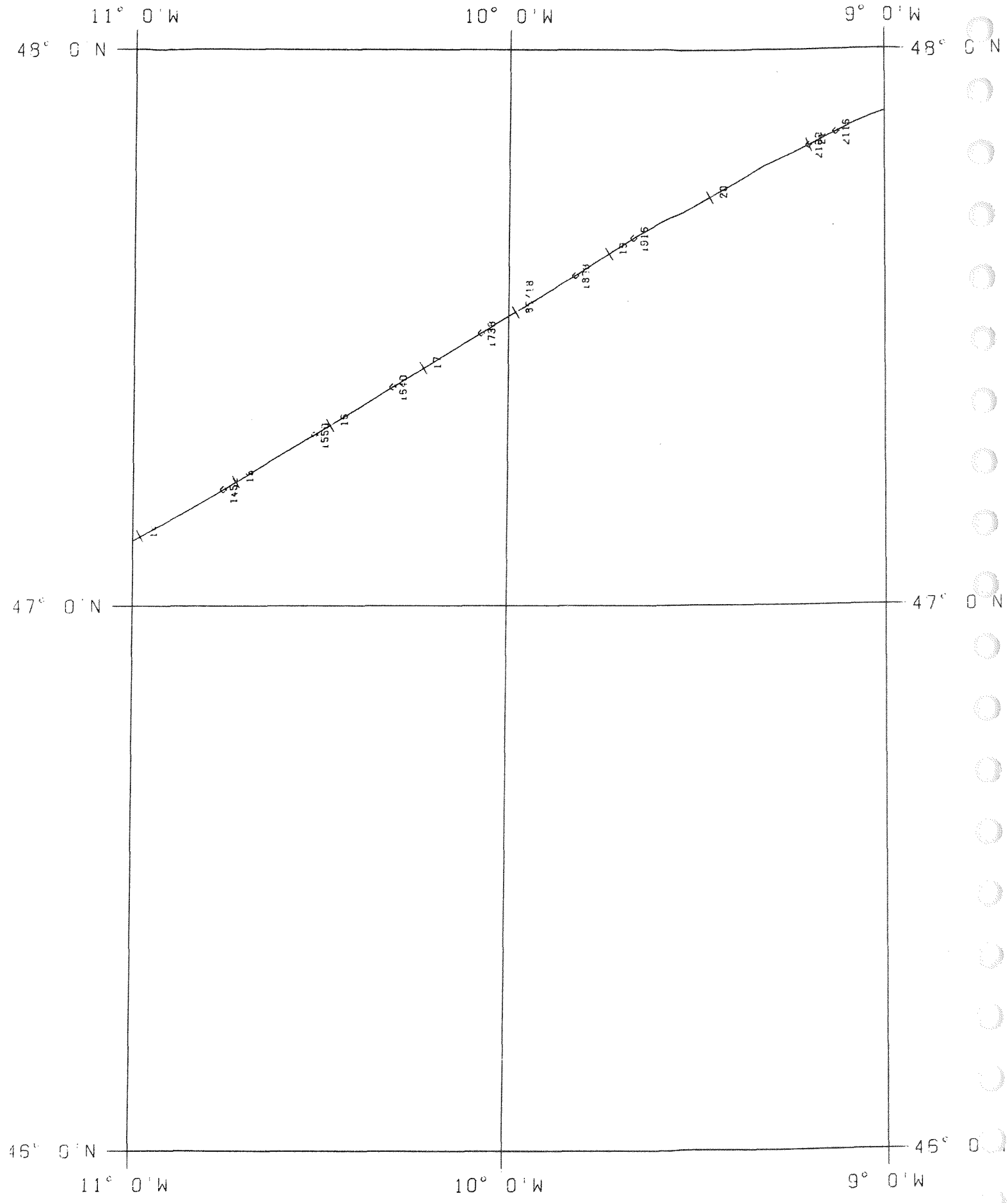
48° 0'N
47° 0'N
46° 0'N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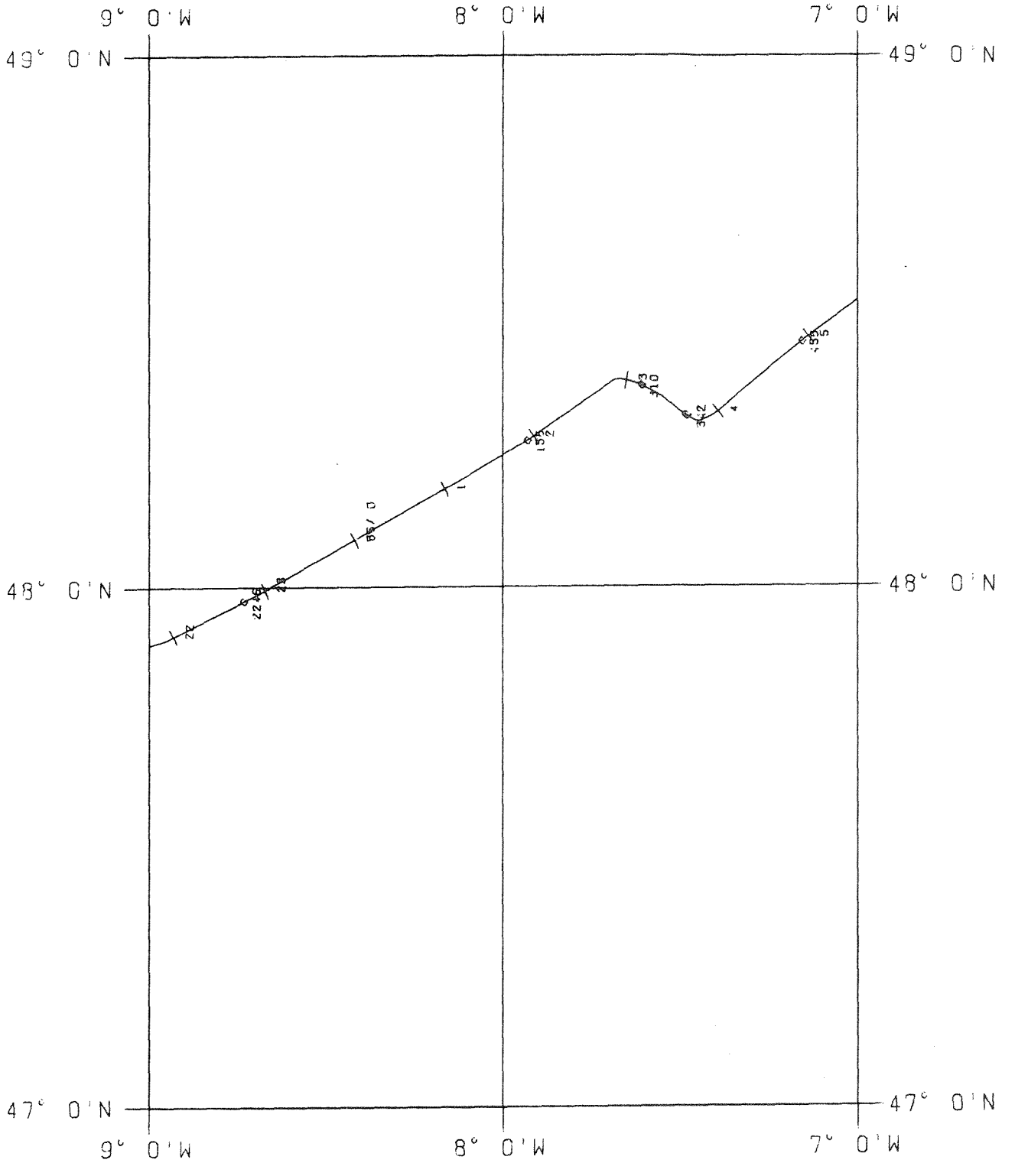
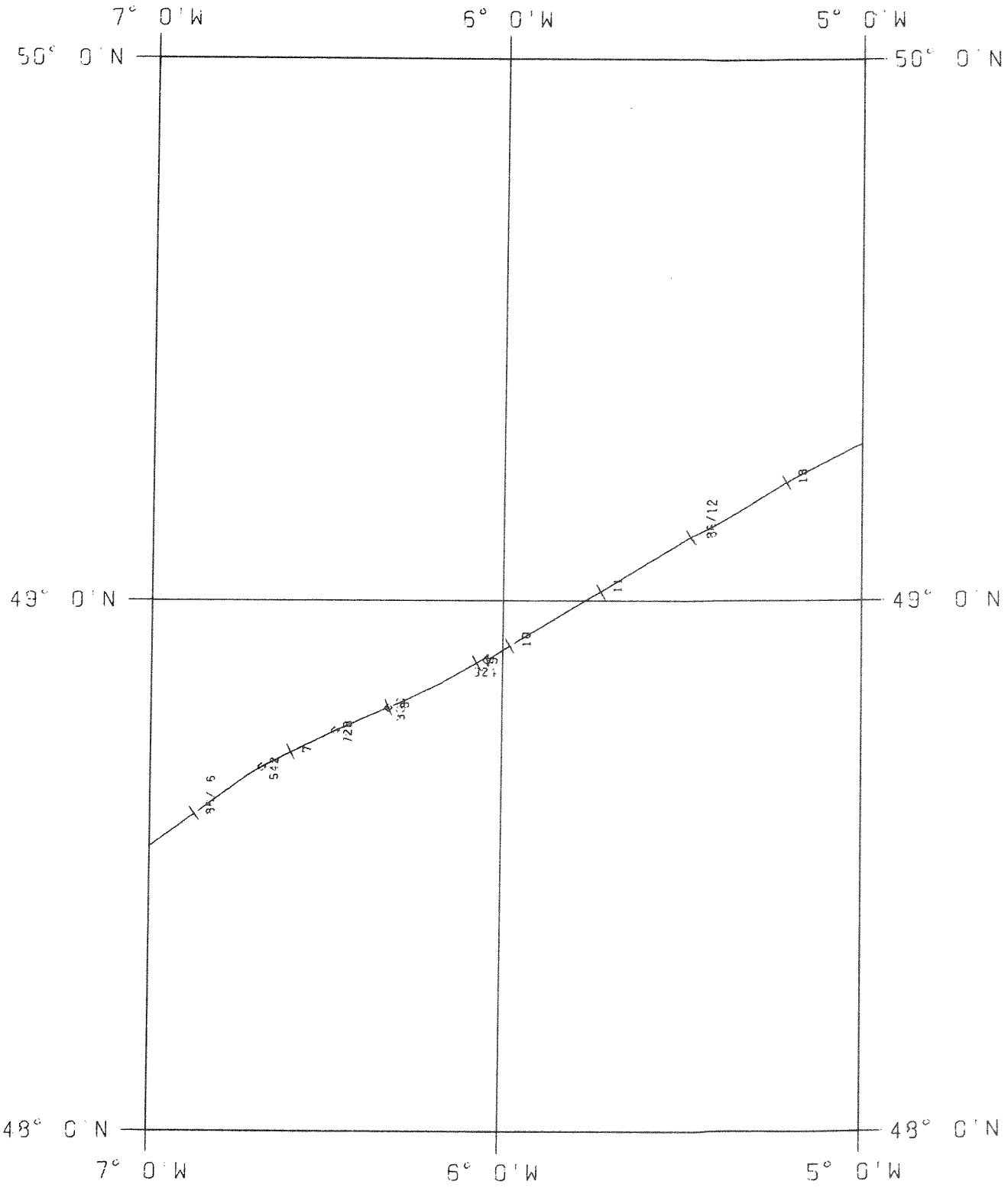

9° 0'W
8° 0'W
7° 0'W
49° 0'N
48° 0'N
47° 0'N


7° 0'W
6° 0'W
5° 0'W
50° 0'N
49° 0'N
48° 0'N

SECTION C

DATA LISTINGS

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	2178 121	2230	50.4787	-1.1580	32	31	0			
DISC90L1	78 121	2236	50.4733	-1.1770	32	31	0			
DISC90L1	78 121	2242	50.4675	-1.1968	32	31	0			
DISC90L1	78 121	2248	50.4620	-1.2165	32	31	0			
DISC90L1	78 121	2254	50.4560	-1.2372	32	31	0			
DISC90L1	78 121	23 0	50.4507	-1.2588	35	35	0			
DISC90L1	78 121	23 6	50.4452	-1.2807	33	31	0			
DISC90L1	78 121	2312	50.4400	-1.3023	33	31	0			
DISC90L1	78 121	2318	50.4348	-1.3238	33	31	0			
DISC90L1	78 121	2324	50.4292	-1.3458	35	35	0			
DISC90L1	78 121	2330	50.4238	-1.3680	35	35	0			
DISC90L1	78 121	2336	50.4183	-1.3902	35	35	0			
DISC90L1	78 121	2342	50.4127	-1.4122	36	35	0			
DISC90L1	78 121	2348	50.4065	-1.4355	35	35	0			
DISC90L1	78 121	2354	50.4008	-1.4580						
DISC90L1	78 122	0 0	50.3940	-1.4823	35	35	0			
DISC90L1	78 122	0 6	50.3877	-1.5062	49	48	0			
DISC90L1	2278 122	012	50.3817	-1.5292	38	37	0			
DISC90L1	78 122	018	50.3758	-1.5517						
DISC90L1	78 122	024	50.3702	-1.5735	41	38	0			
DISC90L1	78 122	030	50.3638	-1.5970						
DISC90L1	78 122	036	50.3582	-1.6197	51	49	0			
DISC90L1	78 122	042	50.3523	-1.6422						
DISC90L1	78 122	048	50.3445	-1.6582	55	53	0			
DISC90L1	78 122	054	50.3362	-1.6703	55	53	0			
DISC90L1	78 122	1 0	50.3300	-1.6922	46	44	0			
DISC90L1	78 122	1 6	50.3240	-1.7147	48	46	0			
DISC90L1	78 122	112	50.3180	-1.7372	44	42	0			
DISC90L1	78 122	118	50.3125	-1.7595	59	57	0			
DISC90L1	78 122	124	50.3068	-1.7813	51	49	0			
DISC90L1	78 122	130	50.3017	-1.8028	51	49	0			
DISC90L1	78 122	136	50.2963	-1.8247	56	55	0			
DISC90L1	78 122	142	50.2910	-1.8440	51	49	0			
DISC90L1	78 122	148	50.2875	-1.8567	51	49	0			
DISC90L1	78 122	154	50.2835	-1.8698	51	49	0			
DISC90L1	78 122	2 0	50.2795	-1.8830	53	51	0			
DISC90L1	78 122	2 6	50.2763	-1.8952	51	49	0			
DISC90L1	78 122	212	50.2732	-1.9077	51	49	0			
DISC90L1	78 122	218	50.2693	-1.9203	51	49	0			
DISC90L1	78 122	224	50.2663	-1.9318	52	49	0			
DISC90L1	78 122	230	50.2635	-1.9433	54	51	0			
DISC90L1	78 122	236	50.2600	-1.9552	53	51	0			
DISC90L1	78 122	242	50.2565	-1.9670	53	51	0			
DISC90L1	78 122	248	50.2528	-1.9783	53	51	0			
DISC90L1	78 122	254	50.2490	-1.9898	54	51	0			
DISC90L1	78 122	3 0	50.2448	-2.0018	56	55	0			
DISC90L1	78 122	3 6	50.2405	-2.0143	56	55	0			
DISC90L1	78 122	312	50.2363	-2.0253	56	55	0			
DISC90L1	78 122	318	50.2313	-2.0370	56	55	0			
DISC90L1	78 122	324	50.2247	-2.0500	56	55	0			
DISC90L1	78 122	330	50.2187	-2.0620	56	55	0			
DISC90L1	78 122	336	50.2130	-2.0733	56	55	0			
DISC90L1	78 122	342	50.2067	-2.0850	56	55	0			
DISC90L1	78 122	348	50.1997	-2.0978	57	55	0			
DISC90L1	78 122	354	50.1918	-2.1122	58	57	0			
DISC90L1	78 122	4 0	50.1868	-2.1282						
DISC90L1	78 122	4 6	50.1807	-2.1413	58	57	0			
DISC90L1	78 122	412	50.1727	-2.1547	58	57	0			
DISC90L1	78 122	418	50.1648	-2.1680	59	57	0			
DISC90L1	78 122	424	50.1568	-2.1813	59	57	0			
DISC90L1	78 122	430	50.1485	-2.1957	60	59	0			
DISC90L1	78 122	436	50.1403	-2.2093	60	59	0			
DISC90L1	78 122	442	50.1327	-2.2240	61	59	0			
DISC90L1	78 122	448	50.1252	-2.2393	61	59	0			
DISC90L1	78 122	454	50.1185	-2.2553	61	59	0			
DISC90L1	78 122	5 0	50.1123	-2.2705	61	59	0			
DISC90L1	78 122	5 6	50.1067	-2.2873	61	59	0			
DISC90L1	78 122	512	50.1017	-2.3043	61	59	0			
DISC90L1	78 122	518	50.0975	-2.3207	62	60	0			
DISC90L1	78 122	524	50.0932	-2.3380	62	60	0			
DISC90L1	78 122	530	50.0890	-2.3548	62	60	0			
DISC90L1	78 122	536	50.0848	-2.3722	62	60	0			
DISC90L1	78 122	542	50.0808	-2.3887	62	60	0			
DISC90L1	78 122	548	50.0770	-2.4050	62	60	0			
DISC90L1	78 122	554	50.0733	-2.4210	62	60	0			
DISC90L1	78 122	6 0	50.0693	-2.4383	63	60	0			
DISC90L1	78 122	6 6	50.0653	-2.4555	63	60	0			
DISC90L1	78 122	612	50.0622	-2.4720	63	60	0			
DISC90L1	78 122	618	50.0592	-2.4887	64	62	0			
DISC90L1	78 122	624	50.0560	-2.5063	63	60	0			
DISC90L1	78 122	630	50.0528	-2.5233	64	62	0			
DISC90L1	78 122	636	50.0495	-2.5418	64	62	0			
DISC90L1	78 122	642	50.0465	-2.5585	64	62	0			
DISC90L1	78 122	648	50.0435	-2.5748	64	62	0			
DISC90L1	78 122	654	50.0403	-2.5927	65	62	0			
DISC90L1	78 122	7 0	50.0373	-2.6100	65	62	0			
DISC90L1	78 122	7 6	50.0343	-2.6252	65	62	0			
DISC90L1	78 122	712	50.0320	-2.6387	65	62	0			
DISC90L1	78 122	718	50.0297	-2.6522	64	62	0			
DISC90L1	78 122	724	50.0270	-2.6665	65	62	0			
DISC90L1	78 122	730	50.0242	-2.6803	63	60	0			
DISC90L1	78 122	736	50.0210	-2.6945	65	62	0			
DISC90L1	78 122	742	50.0178	-2.7090	62	60	0			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 122	748	50.0143	-2.7240	64	62	0			
DISC90L1	78 122	754	50.0110	-2.7393	65	62	0			
DISC90L1	78 122	8 0	50.0075	-2.7557	63	60	0			
DISC90L1	78 122	8 6	50.0038	-2.7725	63	60	0			
DISC90L1	78 122	812	50.0005	-2.7883	62	60	0			
DISC90L1	78 122	818	49.9972	-2.8045	64	62	0			
DISC90L1	78 122	824	49.9935	-2.8217	62	60	0			
DISC90L1	78 122	830	49.9900	-2.8377	62	60	0			
DISC90L1	78 122	836	49.9867	-2.8538	62	60	0			
DISC90L1	78 122	842	49.9830	-2.8707	63	60	0			
DISC90L1	78 122	848	49.9797	-2.8880	64	62	0			
DISC90L1	78 122	854	49.9762	-2.9062	64	62	0			
DISC90L1	78 122	9 0	49.9727	-2.9247	65	62	0			
DISC90L1	78 122	9 6	49.9688	-2.9430	65	62	0			
DISC90L1	78 122	912	49.9648	-2.9600	63	60	0			
DISC90L1	78 122	918	49.9600	-2.9797	63	60	0			
DISC90L1	78 122	924	49.9550	-3.0010	64	62	0			
DISC90L1	78 122	930	49.9498	-3.0222	64	62	0			
DISC90L1	78 122	936	49.9450	-3.0423	64	62	0			
DISC90L1	78 122	942	49.9402	-3.0630	64	62	0			
DISC90L1	78 122	948	49.9375	-3.0743	65	62	0			
DISC90L1	78 122	954	49.9347	-3.0795	61	59	0			
DISC90L1	78 122	10 0	49.9317	-3.0900	62	60	0			
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DISC90L1	78 122	1012	49.9258	-3.1117	58	57	0			
DISC90L1	78 122	1018	49.9227	-3.1232	64	62	0			
DISC90L1	78 122	1024	49.9193	-3.1338	61	59	0			
DISC90L1	78 122	1030	49.9153	-3.1495	64	62	0			
DISC90L1	78 122	1036	49.9112	-3.1657	63	60	0			
DISC90L1	78 122	1042	49.9073	-3.1827	65	62	0			
DISC90L1	78 122	1048	49.9037	-3.1995	62	60	0			
DISC90L1	78 122	1054	49.9000	-3.2122	65	62	0			
DISC90L1	78 122	11 0	49.8960	-3.2228	62	60	0			
DISC90L1	78 122	11 6	49.8922	-3.2342	65	62	0			
DISC90L1	78 122	1112	49.8922	-3.2417	63	60	0			
DISC90L1	78 122	1118	49.8945	-3.2443	65	65	0			
DISC90L1	78 122	1124	49.8945	-3.2508	65	65	0			
DISC90L1	78 122	1130	49.8895	-3.2688	65	65	0			
DISC90L1	78 122	1136	49.8838	-3.2898	65	65	0			
DISC90L1	78 122	1142	49.8780	-3.3115	64	62	0			
DISC90L1	78 122	1148	49.8722	-3.3342	66	64	0			
DISC90L1	78 122	1154	49.8663	-3.3575	66	64	0			
DISC90L1	78 122	12 0	49.8678	-3.3700	67	66	0			
DISC90L1	78 122	12 6	49.8705	-3.3722	67	66	0			
DISC90L1	78 122	1212	49.8697	-3.3797	65	62	0			
DISC90L1	78 122	1218	49.8642	-3.3970	67	66	0			
DISC90L1	78 122	1224	49.8577	-3.4197	64	62	0			
DISC90L1	78 122	1230	49.8512	-3.4430	65	62	0			
DISC90L1	78 122	1236	49.8448	-3.4660	67	66	0			
DISC90L1	78 122	1242	49.8383	-3.4885	69	68	0			
DISC90L1	78 122	1248	49.8318	-3.5110	68	66	0			
DISC90L1	78 122	1254	49.8257	-3.5325	70	68	0			
DISC90L1	78 122	13 0	49.8192	-3.5547	70	68	0			
DISC90L1	78 122	13 6	49.8130	-3.5763	70	68	0			
DISC90L1	78 122	1312	49.8065	-3.5987	70	68	0			
DISC90L1	78 122	1318	49.8003	-3.6198	70	68	0			
DISC90L1	78 122	1324	49.7940	-3.6417	70	68	0			
DISC90L1	78 122	1330	49.7878	-3.6635	70	68	0			
DISC90L1	78 122	1336	49.7822	-3.6825	72	69	0			
DISC90L1	78 122	1342	49.7765	-3.7015	72	71	0			
DISC90L1	78 122	1348	49.7705	-3.7213	73	71	0			
DISC90L1	78 122	1354	49.7648	-3.7408	73	71	0			
DISC90L1	78 122	14 0	49.7587	-3.7617	73	71	0			
DISC90L1	78 122	14 6	49.7525	-3.7825	74	71	0			
DISC90L1	78 122	1412	49.7467	-3.8018	74	71	0			
DISC90L1	78 122	1418	49.7408	-3.8210	75	73	0			
DISC90L1	78 122	1424	49.7352	-3.8395	75	73	0			
DISC90L1	78 122	1430	49.7300	-3.8557	75	73	0			
DISC90L1	78 122	1436	49.7250	-3.8722	76	73	0			
DISC90L1	78 122	1442	49.7200	-3.8878	76	73	0			
DISC90L1	78 122	1448	49.7147	-3.9050	76	73	0			
DISC90L1	78 122	1454	49.7093	-3.9223	77	75	0			
DISC90L1	78 122	15 0	49.7038	-3.9403	78	77	0			
DISC90L1	78 122	15 6	49.6985	-3.9572	76	73	0			
DISC90L1	78 122	1512	49.6932	-3.9740	78	77	0			
DISC90L1	78 122	1518	49.6880	-3.9905	78	77	0			
DISC90L1	78 122	1524	49.6828	-4.0065	78	77	0			
DISC90L1	78 122	1530	49.6777	-4.0232	79	77	0			
DISC90L1	78 122	1536	49.6722	-4.0407	79	77	0			
DISC90L1	78 122	1542	49.6670	-4.0580	81	79	0			
DISC90L1	78 122	1548	49.6615	-4.0758	81	79	0			
DISC90L1	78 122	1554	49.6560	-4.0937	81	79	0			
DISC90L1	78 122	16 0	49.6508	-4.1102	81	79	0			
DISC90L1	78 122	16 6	49.6455	-4.1273	81	79	0			
DISC90L1	78 122	1612	49.6405	-4.1428	82	79	0			
DISC90L1	78 122	1618	49.6355	-4.1590	83	80	0			
DISC90L1	78 122	1624	49.6305	-4.1740	81	79	0			
DISC90L1	78 122	1630	49.6253	-4.1897	82	79	0			
DISC90L1	78 122	1636	49.6200	-4.2060	78	77	0			
DISC90L1	78 122	1642	49.6138	-4.2223	84	80	0			
DISC90L1	78 122	1648	49.6070	-4.2392	85	82	0			
DISC90L1	78 122	1654	49.6008	-4.2543	85	82	0			
DISC90L1	78 122	17 0	49.5940	-4.2710	85	82	0			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 22	78 122	17 6	49.5872	-4.2878	83	80	0			
DISC90L1	78 122	1712	49.5803	-4.3048	86	82	0			
DISC90L1	78 122	1718	49.5732	-4.3223	86	82	0			
DISC90L1	78 122	1724	49.5662	-4.3395	87	84	0			
DISC90L1	78 122	1730	49.5592	-4.3563	87	84	0			
DISC90L1	78 122	1736	49.5522	-4.3738	87	84	0			
DISC90L1	78 122	1742	49.5453	-4.3910	88	84	0			
DISC90L1	78 122	1748	49.5387	-4.4070	87	84	0			
DISC90L1	78 122	1754	49.5318	-4.4242	85	82	0			
DISC90L1	78 122	18 0	49.5247	-4.4433	88	84	0			
DISC90L1	78 122	18 6	49.5175	-4.4623	88	84	0			
DISC90L1	78 122	1812	49.5107	-4.4805	91	88	0			
DISC90L1	78 122	1818	49.5035	-4.4993	90	88	0			
DISC90L1	78 122	1824	49.4965	-4.5183	90	88	0			
DISC90L1	78 122	1830	49.4895	-4.5375	91	88	0			
DISC90L1	78 122	1836	49.4820	-4.5575	93	90	0			
DISC90L1	78 122	1842	49.4750	-4.5760	92	90	0			
DISC90L1	78 122	1848	49.4677	-4.5953	94	91	0			
DISC90L1	78 122	1854	49.4603	-4.6150	93	90	0			
DISC90L1	78 123	19 0	49.4532	-4.6342	93	90	0			
DISC90L1	78 123	19 6	49.4462	-4.6528	93	90	0			
DISC90L1	78 123	1912	49.4393	-4.6708	93	90	0			
DISC90L1	78 123	1918	49.4322	-4.6902	94	91	0			
DISC90L1	78 123	1924	49.4255	-4.7082	94	91	0			
DISC90L1	78 123	1930	49.4182	-4.7270	95	91	0			
DISC90L1	78 123	1936	49.4110	-4.7458	96	93	0			
DISC90L1	78 123	1942	49.4043	-4.7650	95	91	0			
DISC90L1	78 123	1948	49.3973	-4.7843	96	93	0			
DISC90L1	78 123	1954	49.3902	-4.8045	95	91	0			
DISC90L1	78 122	20 0	49.3830	-4.8252	96	93	0			
DISC90L1	78 122	20 6	49.3757	-4.8457	89	86	0			
DISC90L1	78 122	2012	49.3683	-4.8662	96	93	0			
DISC90L1	78 122	2018	49.3612	-4.8872	96	93	0			
DISC90L1	78 122	2024	49.3538	-4.9088	96	93	0			
DISC90L1	78 122	2030	49.3465	-4.9305	96	93	0			
DISC90L1	78 122	2036	49.3395	-4.9507	97	93	0			
DISC90L1	78 122	2042	49.3327	-4.9710	97	93	0			
DISC90L1	78 122	2048	49.3257	-4.9922	97	93	0			
DISC90L1	78 122	2054	49.3183	-5.0145	96	93	0			
DISC90L1	78 122	21 0	49.3113	-5.0355	101	99	0			
DISC90L1	78 122	21 6	49.3037	-5.0585	96	93	0			
DISC90L1	78 122	2112	49.2962	-5.0808	101	99	0			
DISC90L1	78 122	2118	49.2885	-5.1038	97	93	0			
DISC90L1	78 122	2124	49.2808	-5.1270	101	99	0			
DISC90L1	78 122	2130	49.2735	-5.1492	101	99	0			
DISC90L1	78 122	2136	49.2662	-5.1707	101	99	0			
DISC90L1	78 122	2142	49.2588	-5.1920	101	99	0			
DISC90L1	78 122	2148	49.2515	-5.2138	102	99	0			
DISC90L1	78 122	2154	49.2443	-5.2350	102	99	0			
DISC90L1	78 122	22 0	49.2373	-5.2557	102	99	0			
DISC90L1	78 122	22 6	49.2302	-5.2763	102	99	0			
DISC90L1	78 122	2212	49.2230	-5.2977	103	101	0			
DISC90L1	78 122	2218	49.2155	-5.3195	103	101	0			
DISC90L1	78 122	2224	49.2080	-5.3415	103	101	0			
DISC90L1	78 122	2230	49.2007	-5.3630	104	101	0			
DISC90L1	78 122	2236	49.1937	-5.3835	102	99	0			
DISC90L1	78 122	2242	49.1863	-5.4045	102	99	0			
DISC90L1	78 122	2248	49.1795	-5.4252	103	101	0			
DISC90L1	78 122	2254	49.1727	-5.4455	104	101	0			
DISC90L1	78 122	23 0	49.1662	-5.4660	104	101	0			
DISC90L1	78 122	23 6	49.1595	-5.4867	105	102	0			
DISC90L1	78 122	2312	49.1530	-5.5070	105	102	0			
DISC90L1	78 122	2318	49.1467	-5.5267	105	102	0			
DISC90L1	78 122	2324	49.1407	-5.5463	105	102	0			
DISC90L1	78 122	2330	49.1347	-5.5670	106	102	0			
DISC90L1	78 122	2336	49.1287	-5.5872	107	104	0			
DISC90L1	78 122	2342	49.1233	-5.6060	107	104	0			
DISC90L1	78 122	2348	49.1175	-5.6260	107	104	0			
DISC90L1	78 122	2354	49.1110	-5.6455	110	108	0			
DISC90L1 23	78 123	0 0	49.1055	-5.6633	110	108	0			
DISC90L1	78 123	0 6	49.1000	-5.6810	110	108	0			
DISC90L1	78 123	012	49.0947	-5.6987	110	108	0			
DISC90L1	78 123	018	49.0898	-5.7165	110	108	0			
DISC90L1	78 123	024	49.0852	-5.7342	110	108	0			
DISC90L1	78 123	030	49.0803	-5.7525	110	108	0			
DISC90L1	78 123	036	49.0770	-5.7688	110	108	0			
DISC90L1	78 123	042	49.0725	-5.7843	111	108	0			
DISC90L1	78 123	048	49.0673	-5.8007	112	110	0			
DISC90L1	78 123	054	49.0625	-5.8162	112	110	0			
DISC90L1	78 123	1 0	49.0575	-5.8323	113	112	0			
DISC90L1	78 123	1 6	49.0528	-5.8473	113	110	0			
DISC90L1	78 123	112	49.0482	-5.8627	113	110	0			
DISC90L1	78 123	118	49.0438	-5.8772	113	110	0			
DISC90L1	78 123	124	49.0395	-5.8920	113	110	0			
DISC90L1	78 123	130	49.0353	-5.9062	115	112	0			
DISC90L1	78 123	136	49.0307	-5.9212	115	112	0			
DISC90L1	78 123	142	49.0260	-5.9363	117	113	0			
DISC90L1	78 123	148	49.0217	-5.9512	116	113	0			
DISC90L1	78 123	154	49.0180	-5.9642	115	112	0			
DISC90L1	78 123	2 0	49.0137	-5.9788	115	112	0			
DISC90L1	78 123	2 6	49.0073	-5.9875	115	112	0			
DISC90L1	78 123	212	48.9985	-5.9930	115	112	0			
DISC90L1	78 123	218	48.9885	-5.9993	117	113	0			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 123	224	48.9783	-6.0053	118	115	0			
DISC90L1	78 123	230	48.9693	-6.0108	118	115	0			
DISC90L1	78 123	236	48.9590	-6.0170	121	117	0			
DISC90L1	78 123	242	48.9493	-6.0228	118	115	0			
DISC90L1	78 123	248	48.9392	-6.0290	123	119	0			
DISC90L1	78 123	254	48.9298	-6.0347	121	117	0			
DISC90L1	78 123	3 0	48.9207	-6.0400	123	119	0			
DISC90L1	78 123	3 6	48.9110	-6.0458	123	119	0			
DISC90L1	78 123	312	48.9022	-6.0512	126	123	0			
DISC90L1	78 123	318	48.8927	-6.0568	123	119	0			
DISC90L1	78 123	324	48.8838	-6.0622	126	123	0			
DISC90L1	78 123	330	48.8743	-6.0680	124	121	0			
DISC90L1	78 123	336	48.8655	-6.0743	124	121	0			
DISC90L1	78 123	342	48.8568	-6.0817	122	119	0			
DISC90L1	78 123	348	48.8485	-6.0883	125	119	0			
DISC90L1	78 123	354	48.8413	-6.0938	126	119	0			
DISC90L1	78 123	4 0	48.8333	-6.1003	119	115	0			
DISC90L1	78 123	4 6	48.8243	-6.1077	121	117	0			
DISC90L1	78 123	412	48.8167	-6.1137	122	119	0			
DISC90L1	78 123	418	48.8083	-6.1203	124	121	0			
DISC90L1	78 123	424	48.7987	-6.1282	125	121	0			
DISC90L1	78 123	430	48.7900	-6.1350	126	123	0			
DISC90L1	78 123	436	48.7812	-6.1420	122	119	0			
DISC90L1	78 123	442	48.7730	-6.1483	126	123	0			
DISC90L1	78 123	448	48.7642	-6.1553	123	119	0			
DISC90L1	78 123	454	48.7543	-6.1632	126	123	0			
DISC90L1	78 123	5 0	48.7437	-6.1713	131	126	0			
DISC90L1	78 123	5 6	48.7328	-6.1793	135	132	0			
DISC90L1	78 123	512	48.7217	-6.1877	131	126	0			
DISC90L1	78 123	518	48.7112	-6.1955	136	132	0			
DISC90L1	78 123	524	48.7007	-6.2035	133	130	0			
DISC90L1	78 123	530	48.6897	-6.2112	133	130	0			
DISC90L1	78 123	536	48.6787	-6.2190	128	124	0			
DISC90L1	78 123	542	48.6677	-6.2267						
DISC90L1	78 123	548	48.6568	-6.2348	128	124	0			
DISC90L1	78 123	554	48.6453	-6.2433	126	123	0			
DISC90L1	78 123	6 0	48.6353	-6.2505	130	126	0			
DISC90L1	78 123	6 6	48.6253	-6.2577	131	126	0			
DISC90L1	78 123	612	48.6143	-6.2655	131	126	0			
DISC90L1	78 123	618	48.6042	-6.2725	134	130	0			
DISC90L1	78 123	624	48.5937	-6.2798	134	130	0			
DISC90L1	78 123	630	48.5830	-6.2872	135	132	0			
DISC90L1	78 123	636	48.5715	-6.2955	136	132	0			
DISC90L1	78 123	642	48.5603	-6.3035	134	130	0			
DISC90L1	78 123	648	48.5485	-6.3123	131	126	0			
DISC90L1	78 123	654	48.5363	-6.3227	131	126	0			
DISC90L1	78 123	7 0	48.5242	-6.3330	128	124	0			
DISC90L1	78 123	7 6	48.5118	-6.3432	125	121	0			
DISC90L1	78 123	712	48.4997	-6.3530	128	124	0			
DISC90L1	78 123	718	48.4875	-6.3633	128	124	0			
DISC90L1	78 123	724	48.4757	-6.3730	128	124	0			
DISC90L1	78 123	730	48.4642	-6.3823	129	124	0			
DISC90L1	78 123	736	48.4522	-6.3922	128	124	0			
DISC90L1	78 123	742	48.4410	-6.4010	127	123	0			
DISC90L1	78 123	748	48.4295	-6.4102	134	130	0			
DISC90L1	78 123	754	48.4175	-6.4202	135	132	0			
DISC90L1	78 123	8 0	48.4053	-6.4302	138	134	0			
DISC90L1	78 123	8 6	48.3938	-6.4403	138	134	0			
DISC90L1	78 123	812	48.3835	-6.4487	136	132	0			
DISC90L1	78 123	818	48.3733	-6.4573	136	132	0			
DISC90L1	78 123	824	48.3633	-6.4660	136	132	0			
DISC90L1	78 123	830	48.3543	-6.4735	131	126	0			
DISC90L1	78 123	836	48.3448	-6.4817	136	132	0			
DISC90L1	78 123	842	48.3363	-6.4890	138	134	0			
DISC90L1	78 123	848	48.3270	-6.4972	136	132	0			
DISC90L1	78 123	854	48.3170	-6.5058	136	132	0			
DISC90L1	78 123	9 0	48.3077	-6.5138	138	134	0			
DISC90L1	78 123	9 6	48.2980	-6.5225	138	134	0			
DISC90L1	78 123	912	48.2885	-6.5317	138	134	0			
DISC90L1	78 123	918	48.2800	-6.5403	138	134	0			
DISC90L1	78 123	924	48.2717	-6.5483	141	137	0			
DISC90L1	78 123	930	48.2638	-6.5555	136	132	0			
DISC90L1	78 123	936	48.2560	-6.5633	141	137	0			
DISC90L1	78 123	942	48.2475	-6.5715	141	137	0			
DISC90L1	78 123	948	48.2392	-6.5795	131	126	0			
DISC90L1	78 123	954	48.2308	-6.5873	141	137	0			
DISC90L1	78 123	10 0	48.2228	-6.5950	145	141	0			
DISC90L1	78 123	10 6	48.2150	-6.6022	137	134	0			
DISC90L1	78 123	1012	48.2070	-6.6098	150	146	0			
DISC90L1	78 123	1018	48.1988	-6.6178	150	146	0			
DISC90L1	78 123	1024	48.1912	-6.6250	150	146	0			
DISC90L1	78 123	1030	48.1830	-6.6325	150	146	0			
DISC90L1	78 123	1036	48.1745	-6.6407	155	152	0			
DISC90L1	78 123	1042	48.1663	-6.6480	155	152	0			
DISC90L1	78 123	1048	48.1582	-6.6557	161	155	0			
DISC90L1	78 123	1054	48.1503	-6.6632	155	152	0			
DISC90L1	78 123	11 0	48.1425	-6.6705	157	154	0			
DISC90L1	78 123	11 6	48.1348	-6.6777	157	154	0			
DISC90L1	78 123	1112	48.1275	-6.6847	155	152	0			
DISC90L1	78 123	1118	48.1200	-6.6915	155	152	0			
DISC90L1	78 123	1124	48.1132	-6.6978	155	152	0			
DISC90L1	78 123	1130	48.1056	-6.7047	155	152	0			
DISC90L1	78 123	1136	48.0992	-6.7103	150	146	0			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 23	78 123	1142	48.0917	-6.7175	150	146	0			
DISC90L1	78 123	1148	48.0853	-6.7228	145	141	0			
DISC90L1	78 123	1154	48.0788	-6.7283	147	143	0			
DISC90L1	78 123	12 0	48.0725	-6.7345	147	143	0			
DISC90L1	78 123	126	48.0662	-6.7402	146	143	0			
DISC90L1	78 123	1212	48.0602	-6.7452	150	146	0			
DISC90L1	78 123	1218	48.0543	-6.7503	148	144	0			
DISC90L1	78 123	1224	48.0483	-6.7553	151	146	0			
DISC90L1	78 123	1230	48.0423	-6.7610	149	144	0			
DISC90L1	78 123	1236	48.0360	-6.7668	147	143	0			
DISC90L1	78 123	1242	48.0298	-6.7733	146	143	0			
DISC90L1	78 123	1248	48.0248	-6.7818	146	143	0			
DISC90L1	78 123	1254	48.0200	-6.7903	155	152	0			
DISC90L1	78 123	13 0	48.0145	-6.8003	158	154	0			
DISC90L1	78 123	13 6	48.0093	-6.8097	158	154	0			
DISC90L1	78 123	1312	48.0070	-6.8182	158	154	0			
DISC90L1	78 123	1318	48.0082	-6.8250	159	155	0			
DISC90L1	78 123	1324	48.0038	-6.8260	161	155	0			
DISC90L1	78 123	1330	48.0042	-6.8273	161	155	0			
DISC90L1	78 123	1336	48.0035	-6.8295	153	148	0			
DISC90L1	78 123	1342	48.0090	-6.8100	162	157	0			
DISC90L1	78 123	1348	48.0137	-6.8018	155	152	0			
DISC90L1	78 123	1354	48.0082	-6.8047	161	155	0			
DISC90L1	78 123	14 0	48.0025	-6.8075	159	155	0			
DISC90L1	78 123	14 6	47.9963	-6.8108	157	163	12			
DISC90L1	78 123	1412	47.9912	-6.8130	161	165	12			
DISC90L1	78 123	1418	47.9847	-6.8170	158	163	12			
DISC90L1	78 123	1424	47.9787	-6.8203	156	161	12			
DISC90L1	78 123	1430	47.9728	-6.8237	161	165	12			
DISC90L1	78 123	1436	47.9672	-6.8267	161	165	12			
DISC90L1	78 123	1442	47.9610	-6.8305	161	165	12			
DISC90L1	78 123	1448	47.9553	-6.8337	158	163	12			
DISC90L1	78 123	1454	47.9500	-6.8357	158	163	12			
DISC90L1	78 123	15 0	47.9440	-6.8387	158	163	12			
DISC90L1	78 123	15 6	47.9368	-6.8415	152	157	12			
DISC90L1	78 123	1512	47.9293	-6.8453	152	157	12			
DISC90L1	78 123	1518	47.9218	-6.8490	150	155	12			
DISC90L1	78 123	1524	47.9142	-6.8530	150	155	12			
DISC90L1	78 123	1530	47.9065	-6.8568	155	161	12			
DISC90L1	78 123	1536	47.8992	-6.8600	153	157	12			
DISC90L1	78 123	1542	47.8923	-6.8643	146	150	12			
DISC90L1	78 123	1548	47.8900	-6.8697	141	146	12			
DISC90L1	78 123	1554	47.8875	-6.8765	143	148	12			
DISC90L1	78 123	16 0	47.8850	-6.8828	143	148	12			
DISC90L1	78 123	16 6	47.8828	-6.8882	150	155	12			
DISC90L1	78 123	1612	47.8805	-6.8943	157	163	12			
DISC90L1	78 123	1618	47.8782	-6.9003	161	165	12			
DISC90L1	78 123	1624	47.8758	-6.9057	163	166	12			
DISC90L1	78 123	1630	47.8735	-6.9108	164	168	12			
DISC90L1	78 123	1636	47.8713	-6.9162	164	168	12			
DISC90L1	78 123	1642	47.8695	-6.9210	164	168	12			
DISC90L1	78 123	1648	47.8678	-6.9253	166	170	12			
DISC90L1	78 123	1654	47.8657	-6.9308	166	170	12			
DISC90L1	78 123	17 0	47.8633	-6.9375						
DISC90L1	78 123	17 6	47.8600	-6.9435	167	172	12			
DISC90L1	78 123	1712	47.8562	-6.9503	166	170	12			
DISC90L1	78 123	1718	47.8527	-6.9567	166	170	12			
DISC90L1	78 123	1724	47.8487	-6.9642	165	170	12			
DISC90L1	78 123	1730	47.8450	-6.9707	166	170	12			
DISC90L1	78 123	1736	47.8412	-6.9773	165	170	12			
DISC90L1	78 123	1742	47.8372	-6.9830	169	174	12			
DISC90L1	78 123	1748	47.8332	-6.9887	170	174	12			
DISC90L1	78 123	1754	47.8292	-6.9945	169	174	12			
DISC90L1	78 123	18 0	47.8252	-7.0002	171	176	12			
DISC90L1	78 123	18 6	47.8210	-7.0068	171	176	12			
DISC90L1	78 123	1812	47.8172	-7.0120	169	174	12			
DISC90L1	78 123	1818	47.8133	-7.0170	171	176	12			
DISC90L1	78 123	1824	47.8090	-7.0235	171	176	12			
DISC90L1	78 123	1830	47.8050	-7.0285	171	176	12			
DISC90L1	78 123	1836	47.8010	-7.0338	166	170	12			
DISC90L1	78 123	1842	47.7970	-7.0388	169	174	12			
DISC90L1	78 123	1848	47.7928	-7.0442						
DISC90L1	78 123	1854	47.7887	-7.0512	166	170	12			
DISC90L1	78 123	19 0	47.7848	-7.0578	166	170	12			
DISC90L1	78 123	19 6	47.7802	-7.0653	166	170	12			
DISC90L1	78 123	1912	47.7760	-7.0727	171	176	12			
DISC90L1	78 123	1918	47.7717	-7.0800	166	170	12			
DISC90L1	78 123	1924	47.7675	-7.0882	166	170	12			
DISC90L1	78 123	1930	47.7630	-7.0965	166	170	12			
DISC90L1	78 123	1936	47.7590	-7.1033	166	170	12			
DISC90L1	78 123	1942	47.7548	-7.1112	166	170	12			
DISC90L1	78 123	1948	47.7510	-7.1182	166	170	12			
DISC90L1	78 123	1954	47.7470	-7.1265	166	170	12			
DISC90L1	78 123	20 0	47.7428	-7.1345	166	170	12			
DISC90L1	78 123	20 6	47.7388	-7.1423	161	165	12			
DISC90L1	78 123	2012	47.7350	-7.1500	166	170	12			
DISC90L1	78 123	2018	47.7308	-7.1585	165	170	12			
DISC90L1	78 123	2024	47.7267	-7.1665	164	168	12			
DISC90L1	78 123	2030	47.7227	-7.1737	158	163	12			
DISC90L1	78 123	2036	47.7182	-7.1820	164	168	12			
DISC90L1	78 123	2042	47.7135	-7.1903	166	170	12			
DISC90L1	78 123	2048	47.7090	-7.1990	166	170	12			
DISC90L1	78 123	2054	47.7050	-7.2073	163	166	12			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 123	21 0	47.7012	-7.2155	166	170	12			
DISC90L1	78 123	21 6	47.6973	-7.2237	166	170	12			
DISC90L1	78 123	2112	47.6933	-7.2322	166	170	12			
DISC90L1	78 123	2118	47.6890	-7.2415	166	170	12			
DISC90L1	78 123	2124	47.6852	-7.2495	161	165	12			
DISC90L1	78 123	2130	47.6817	-7.2573	161	165	12			
DISC90L1	78 123	2136	47.6773	-7.2665	166	170	12			
DISC90L1	78 123	2142	47.6735	-7.2758	167	172	12			
DISC90L1	78 123	2148	47.6695	-7.2832	171	176	12			
DISC90L1	78 123	2154	47.6657	-7.2920	167	172	12			
DISC90L1	78 123	22 0	47.6618	-7.2998	171	176	12			
DISC90L1	78 123	226	47.6582	-7.3087	166	170	12			
DISC90L1	78 123	2212	47.6552	-7.3165	171	176	12			
DISC90L1	78 123	2218	47.6522	-7.3237	171	176	12			
DISC90L1	78 123	2224	47.6493	-7.3315	162	166	12			
DISC90L1	78 123	2230	47.6462	-7.3398	166	170	12			
DISC90L1	78 123	2236	47.6425	-7.3490	164	168	12			
DISC90L1	78 123	2242	47.6395	-7.3583	161	165	12			
DISC90L1	78 123	2248	47.6365	-7.3670	185	190	12			
DISC90L1	78 123	2254	47.6338	-7.3750	224	229	12			
DISC90L1	78 123	23 0	47.6308	-7.3837	221	225	12			
DISC90L1	78 123	23 6	47.6273	-7.3917						
DISC90L1	78 123	2312	47.6238	-7.4008	264	269	12			
DISC90L1	78 123	2318	47.6207	-7.4088	230	234	12			
DISC90L1	78 123	2324	47.6178	-7.4167	311	316	12			
DISC90L1	78 123	2330	47.6148	-7.4252	367	371	12			
DISC90L1	78 123	2336	47.6117	-7.4338	432	437	12			
DISC90L1	78 123	2342	47.6085	-7.4427	461	465	12			
DISC90L1	78 123	2348	47.6052	-7.4510	550	554	12			
DISC90L1	78 123	2354	47.6022	-7.4592	554	558	12			
DISC90L1 24	78 124	0 0	47.5987	-7.4682	561	565	12			
DISC90L1	78 124	0 6	47.5955	-7.4767	561	565	12			
DISC90L1	78 124	012	47.5920	-7.4860	626	629	12			
DISC90L1	78 124	018	47.5885	-7.4950						
DISC90L1	78 124	024	47.5852	-7.5038	1031	1033	12			
DISC90L1	78 124	030	47.5827	-7.5108	1291	1293	12			
DISC90L1	78 124	036	47.5793	-7.5195	1451	1452	12			
DISC90L1	78 124	042	47.5758	-7.5287	1476	1478	12			
DISC90L1	78 124	048	47.5723	-7.5383	1311	1313	12			
DISC90L1	78 124	054	47.5685	-7.5488	1146	1148	12			
DISC90L1	78 124	1 0	47.5650	-7.5585	1035	1037	12			
DISC90L1	78 124	1 6	47.5615	-7.5673	906	909	12			
DISC90L1	78 124	112	47.5578	-7.5775	875	878	12			
DISC90L1	78 124	118	47.5543	-7.5868	886	889	12			
DISC90L1	78 124	124	47.5510	-7.5963	961	964	12			
DISC90L1	78 124	130	47.5477	-7.6060	1026	1028	12			
DISC90L1	78 124	136	47.5447	-7.6152	1031	1033	12			
DISC90L1	78 124	142	47.5412	-7.6243	1056	1059	12			
DISC90L1	78 124	148	47.5380	-7.6330	1131	1132	12			
DISC90L1	78 124	154	47.5345	-7.6422	1276	1278	12			
DISC90L1	78 124	2 0	47.5312	-7.6515	1396	1397	12			
DISC90L1	78 124	2 6	47.5282	-7.6602	1591	1591	12			
DISC90L1	78 124	212	47.5248	-7.6690	1776	1776	12			
DISC90L1	78 124	218	47.5217	-7.6773	1951	1951	12			
DISC90L1	78 124	224	47.5178	-7.6870	2141	2142	12			
DISC90L1	78 124	230	47.5138	-7.6970	2336	2335	12			
DISC90L1	78 124	236	47.5102	-7.7057	2386	2387	12			
DISC90L1	78 124	242	47.5065	-7.7152	2471	2471	12			
DISC90L1	78 124	248	47.5030	-7.7240	2596	2597	12			
DISC90L1	78 124	254	47.4993	-7.7325	2711	2712	12			
DISC90L1	78 124	3 0	47.4957	-7.7413	2916	2919	12			
DISC90L1	78 124	3 6	47.4923	-7.7510	3102	3105	12			
DISC90L1	78 124	312	47.4887	-7.7608	3137	3140	12			
DISC90L1	78 124	318	47.4850	-7.7708	3431	3436	12			
DISC90L1	78 124	324	47.4812	-7.7808	3516	3524	12			
DISC90L1	78 124	330	47.4777	-7.7907	3917	3930	12			
DISC90L1	78 124	336	47.4735	-7.8012	3947	3961	12			
DISC90L1	78 124	342	47.4697	-7.8110	3977	3990	12			
DISC90L1	78 124	348	47.4657	-7.8208	3617	3625	12			
DISC90L1	78 124	354	47.4615	-7.8312	3307	3312	12			
DISC90L1	78 124	4 0	47.4573	-7.8403	3242	3246	12			
DISC90L1	78 124	4 6	47.4532	-7.8498	3507	3312	12			
DISC90L1	78 124	412	47.4488	-7.8595	3476	3482	12			
DISC90L1	78 124	418	47.4442	-7.8707	3802	3813	12			
DISC90L1	78 124	424	47.4393	-7.8823	3837	3850	12			
DISC90L1	78 124	430	47.4350	-7.8933	3872	3884	12			
DISC90L1	78 124	436	47.4307	-7.9040	3792	3804	12			
DISC90L1	78 124	442	47.4258	-7.9142	3502	3509	12			
DISC90L1	78 124	448	47.4207	-7.9245	3549	3557	12			
DISC90L1	78 124	454	47.4153	-7.9345	3747	3756	12			
DISC90L1	78 124	5 0	47.4102	-7.9447	3777	3787	12			
DISC90L1	78 124	5 6	47.4045	-7.9558	3622	3630	12			
DISC90L1	78 124	512	47.3990	-7.9670	3502	3509	12			
DISC90L1	78 124	518	47.3935	-7.9773	3342	3347	12			
DISC90L1	78 124	524	47.3875	-7.9865	3236	3241	12			
DISC90L1	78 124	530	47.3795	-7.9933	3137	3140	12			
DISC90L1	78 124	536	47.3702	-7.9990	3236	3241	12			
DISC90L1	78 124	542	47.3613	-8.0047	3431	3436	12			
DISC90L1	78 124	548	47.3527	-8.0113	3598	3606	12			
DISC90L1	78 124	554	47.3447	-8.0167	3777	3787	12			
DISC90L1	78 124	6 0	47.3360	-8.0237	4002	4016	12			
DISC90L1	78 124	6 6	47.3275	-8.0302	4100	4117	12			
DISC90L1	78 124	612	47.3192	-8.0370	4098	4115	12			

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 24	78 124	618	47.3108	-8.0437	4002	4016	12			
DISC90L1	78 124	624	47.3027	-8.0503	3907	3919	12			
DISC90L1	78 124	630	47.2945	-8.0570	3822	3833	12			
DISC90L1	78 124	636	47.2863	-8.0633	3687	3696	12			
DISC90L1	78 124	642	47.2782	-8.0693	3667	3676	12			
DISC90L1	78 124	648	47.2703	-8.0753	3756	3767	12			
DISC90L1	78 124	654	47.2627	-8.0807	3716	3725	12			
DISC90L1	78 124	7 0	47.2545	-8.0870	3642	3650	12			
DISC90L1	78 124	7 6	47.2460	-8.0935	3682	3691	12			
DISC90L1	78 124	712	47.2373	-8.1002	3652	3661	12			
DISC90L1	78 124	718	47.2292	-8.1070	3617	3625	12			
DISC90L1	78 124	724	47.2205	-8.1145	3650	3658	12			
DISC90L1	78 124	730	47.2122	-8.1215	3702	3711	12			
DISC90L1	78 124	736	47.2047	-8.1270	3714	3723	12			
DISC90L1	78 124	742	47.1967	-8.1337	3802	3813	12			
DISC90L1	78 124	748	47.1887	-8.1403	3897	3910	12			
DISC90L1	78 124	754	47.1798	-8.1455	3992	4007	12			
DISC90L1	78 124	8 0	47.1683	-8.1455	4127	4144	12			
DISC90L1	78 124	8 6	47.1560	-8.1460	4137	4153	12			
DISC90L1	78 124	812	47.1445	-8.1477	4137	4153	12			
DISC90L1	78 124	818	47.1332	-8.1497	4142	4159	12			
DISC90L1	78 124	824	47.1222	-8.1515	4144	4162	12			
DISC90L1	78 124	830	47.1107	-8.1537	4134	4151	12			
DISC90L1	78 124	836	47.0997	-8.1553	4152	4170	12			
DISC90L1	78 124	842	47.0882	-8.1575	4177	4195	12			
DISC90L1	78 124	848	47.0767	-8.1595	4107	4124	12			
DISC90L1	78 124	854	47.0657	-8.1617	4090	4106	12			
DISC90L1	78 124	9 0	47.0545	-8.1640	4087	4102	12			
DISC90L1	78 124	9 6	47.0425	-8.1667	4047	4062	12			
DISC90L1	78 124	912	47.0305	-8.1668						
DISC90L1	78 124	918	47.0232	-8.1535	4057	4073	12			
DISC90L1	78 124	924	47.0133	-8.1532	4072	4087	12			
DISC90L1	78 124	930	47.0023	-8.1552	4102	4118	12			
DISC90L1	78 124	936	46.9912	-8.1575	4112	4129	12			
DISC90L1	78 124	942	46.9793	-8.1603	4128	4144	12			
DISC90L1	78 124	948	46.9675	-8.1627	4149	4166	12			
DISC90L1	78 124	954	46.9562	-8.1650	4167	4184	12			
DISC90L1	78 124	10 0	46.9450	-8.1670	4189	4208	12			
DISC90L1	78 124	10 6	46.9335	-8.1697	4247	4267	12			
DISC90L1	78 124	1012	46.9213	-8.1725	4292	4312	12			
DISC90L1	78 124	1018	46.9098	-8.1752	4325	4345	12			
DISC90L1	78 124	1024	46.8980	-8.1775	4352	4374	12			
DISC90L1	78 124	1030	46.8865	-8.1797	4372	4395	12			
DISC90L1	78 124	1036	46.8740	-8.1823	4412	4435	12			
DISC90L1	78 124	1042	46.8627	-8.1848	4427	4451	12			
DISC90L1	78 124	1048	46.8507	-8.1875	4452	4477	12			
DISC90L1	78 124	1054	46.8383	-8.1872	4512	4539	12			
DISC90L1	78 124	11 0	46.8225	-8.1830	4563	4590	12			
DISC90L1	78 124	11 6	46.8057	-8.1792	4582	4610	12			
DISC90L1	78 124	1112	46.7892	-8.1755	4588	4616	12			
DISC90L1	78 124	1118	46.7733	-8.1715	4594	4623	12			11
DISC90L1	78 124	1124	46.7568	-8.1677	4597	4627	12			10
DISC90L1	78 124	1130	46.7408	-8.1637	4603	4632	12			12
DISC90L1	78 124	1136	46.7248	-8.1598	4609	4638	12			15
DISC90L1	78 124	1142	46.7080	-8.1558	4617	4647	12			14
DISC90L1	78 124	1148	46.6913	-8.1520	4622	4652	12			16
DISC90L1	78 124	1154	46.6752	-8.1482	4643	4673	12			16
DISC90L1	78 124	12 0	46.6592	-8.1438	4637	4667	12			15
DISC90L1	78 124	12 6	46.6428	-8.1397	4637	4667	12			14
DISC90L1	78 124	1212	46.6265	-8.1355	4632	4662	12			
DISC90L1	78 124	1218	46.6102	-8.1313	4635	4665	12			
DISC90L1	78 124	1224	46.5937	-8.1275	4637	4667	12			
DISC90L1	78 124	1230	46.5773	-8.1237	4643	4673	12			
DISC90L1	78 124	1236	46.5605	-8.1197	4648	4678	12			
DISC90L1	78 124	1242	46.5438	-8.1157	4655	4685	12			
DISC90L1	78 124	1248	46.5278	-8.1117	4662	4693	12			6
DISC90L1	78 124	1254	46.5118	-8.1078	4663	4695	12			6
DISC90L1	78 124	13 0	46.4955	-8.1043	4667	4698	12			6
DISC90L1	78 124	13 6	46.4798	-8.1005	4672	4704	12			4
DISC90L1	78 124	1312	46.4640	-8.0970	4677	4709	12			1
DISC90L1	78 124	1318	46.4478	-8.0932	4679	4711	12			0
DISC90L1	78 124	1324	46.4322	-8.0897	4684	4715	12			1
DISC90L1	78 124	1330	46.4162	-8.0860	4688	4718	12			
DISC90L1	78 124	1336	46.4000	-8.0823	4692	4724	12			
DISC90L1	78 124	1342	46.3845	-8.0785	4697	4729	12			
DISC90L1	78 124	1348	46.3680	-8.0745	4703	4735	12			2
DISC90L1	78 124	1354	46.3515	-8.0707	4712	4744	12			1
DISC90L1	78 124	14 0	46.3347	-8.0667	4719	4751	12			1
DISC90L1	78 124	14 6	46.3183	-8.0627	4725	4757	12			4
DISC90L1	78 124	1412	46.3015	-8.0587	4732	4786	12			8
DISC90L1	78 124	1418	46.2848	-8.0547	4726	4760	12			8
DISC90L1	78 124	1424	46.2688	-8.0508	4730	4762	12			10
DISC90L1	78 124	1430	46.2525	-8.0468	4732	4764	12			14
DISC90L1	78 124	1436	46.2363	-8.0428	4734	4768	12			16
DISC90L1	78 124	1442	46.2200	-8.0388	4737	4770	12			19
DISC90L1	78 124	1448	46.2032	-8.0350	4742	4775	12			18
DISC90L1	78 124	1454	46.1863	-8.0310	4747	4780	12			24
DISC90L1	78 124	15 0	46.1697	-8.0268	4749	4782	12			21
DISC90L1	78 124	15 6	46.1530	-8.0228	4752	4786	12			23
DISC90L1	78 124	1512	46.1360	-8.0182	4763	4797	12			27
DISC90L1	78 124	1518	46.1192	-8.0138	4764	4797	12			23
DISC90L1	78 124	1524	46.1022	-8.0095	4769	4802	12			22
DISC90L1	78 124	1530	46.0853	-8.0052	4771	4804	12			22

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 124	1536	46.0798	-8.0012	4770	4804	12			
DISC90L1	78 124	1542	46.0832	-8.0088	4769	4802	12			-28
DISC90L1	78 124	1548	46.0868	-8.0178	4768	4802	12			-30
DISC90L1	78 124	1554	46.0903	-8.0258	4768	4802	12			-34
DISC90L1	78 124	16 0	46.0938	-8.0333	4768	4802	12			-31
DISC90L1	78 124	16 6	46.0968	-8.0417	4769	4802	12			-29
DISC90L1	78 124	1612	46.1003	-8.0508	4768	4802	12			-31
DISC90L1	78 124	1618	46.1037	-8.0602	4768	4802	12			-31
DISC90L1	78 124	1624	46.1068	-8.0690	4766	4799	12			-31
DISC90L1	78 124	1630	46.1098	-8.0773	4766	4799	12			-31
DISC90L1	78 124	1636	46.1132	-8.0865	4766	4799	12			-30
DISC90L1	78 124	1642	46.1165	-8.0948	4763	4797	12			-32
DISC90L1	78 124	1648	46.1200	-8.1045	4763	4797	12			-31
DISC90L1	78 124	1654	46.1233	-8.1137	4763	4797	12	46296	-144	-29
DISC90L1	78 124	17 0	46.1240	-8.1260	4765	4799	12	46298	-143	-31
DISC90L1	78 124	17 6	46.1222	-8.1407	4768	4802	12	46298	-143	-31
DISC90L1	78 124	1712	46.1158	-8.1540	4772	4806	12	46294	-145	
DISC90L1	78 124	1718	46.1055	-8.1630	4772	4806	12	46284	-151	
DISC90L1	78 124	1724	46.0937	-8.1665	4777	4812	12	46270	-161	
DISC90L1	78 124	1730	46.0817	-8.1655	4777	4812	12	46258	-169	
DISC90L1	78 124	1736	46.0702	-8.1618	4777	4812	12	46244	-179	
DISC90L1	78 124	1742	46.0585	-8.1578	4782	4817	12			
DISC90L1	78 124	1748	46.0468	-8.1540	4782	4817	12	46234	-181	
DISC90L1	78 124	1754	46.0352	-8.1503	4782	4817	12	46238	-173	
DISC90L1	78 124	18 0	46.0240	-8.1470	4787	4823	12	46250	-157	
DISC90L1	78 124	18 6	46.0125	-8.1438	4787	4823	12	46262	-141	23
DISC90L1	78 124	1812	46.0013	-8.1403	4787	4823	12	46272	-127	20
DISC90L1	78 124	1818	45.9895	-8.1372	4789	4824	12	46284	-112	17
DISC90L1	78 124	1824	45.9785	-8.1340	4792	4828	12	46284	-108	15
DISC90L1	78 124	1830	45.9670	-8.1307	4794	4830	12	46284	-104	17
DISC90L1	78 124	1836	45.9555	-8.1275	4792	4828	12	46286	-98	17
DISC90L1	78 124	1842	45.9440	-8.1243	4797	4832	12	46290	-90	17
DISC90L1	78 124	1848	45.9325	-8.1213	4797	4832	12	46298	-78	16
DISC90L1	78 124	1854	45.9212	-8.1183	4797	4832	12	46304	-68	18
DISC90L1	78 124	19 0	45.9100	-8.1152	4797	4832	12	46306	-62	18
DISC90L1	78 124	19 6	45.8987	-8.1122	4801	4835	12	46312	-52	18
DISC90L1	78 124	1912	45.8873	-8.1092	4803	4837	12	46316	-44	18
DISC90L1	78 124	1918	45.8758	-8.1062	4803	4837	12	46318	-38	18
DISC90L1	78 124	1924	45.8647	-8.1030	4803	4837	12	46308	-44	17
DISC90L1	78 124	1930	45.8537	-8.1000	4805	4839	12	46296	-52	
DISC90L1	78 124	1936	45.8430	-8.0972	4808	4843	12	46276	-68	
DISC90L1	78 124	1942	45.8315	-8.0942	4808	4843	12	46258	-82	
DISC90L1	78 124	1948	45.8198	-8.0912	4808	4843	12	46238	-98	16
DISC90L1	78 124	1954	45.8085	-8.0880	4808	4843	12	46220	-112	16
DISC90L1	78 124	20 0	45.7968	-8.0848	4812	4848	12	46206	-121	15
DISC90L1	78 124	20 6	45.7853	-8.0817	4812	4848	12	46202	-121	15
DISC90L1	78 124	2012	45.7740	-8.0785	4812	4848	12	46200	-119	12
DISC90L1	78 124	2018	45.7630	-8.0753	4812	4848	12	46194	-121	12
DISC90L1	78 124	2024	45.7518	-8.0720	4812	4848	12	46194	-117	12
DISC90L1	78 124	2030	45.7403	-8.0688	4815	4850	12	46192	-115	9
DISC90L1	78 124	2036	45.7285	-8.0657	4815	4850	12	46194	-109	11
DISC90L1	78 124	2042	45.7170	-8.0625	4817	4852	12	46194	-105	9
DISC90L1	78 124	2048	45.7052	-8.0593	4820	4855	12	46192	-103	8
DISC90L1	78 124	2054	45.6935	-8.0563	4819	4855	12	46186	-105	8
DISC90L1	78 124	21 0	45.6822	-8.0530	4819	4855	12	46178	-108	6
DISC90L1	78 124	21 6	45.6705	-8.0500	4820	4855	12	46166	-116	6
DISC90L1	78 124	2112	45.6590	-8.0467	4820	4855	12	46164	-114	3
DISC90L1	78 124	2118	45.6478	-8.0432	4822	4857	12	46160	-114	2
DISC90L1	78 124	2124	45.6367	-8.0395	4822	4857	12	46160	-110	3
DISC90L1	78 124	2130	45.6250	-8.0357	4824	4859	12	46164	-102	2
DISC90L1	78 124	2136	45.6135	-8.0320	4826	4863	12	46172	-90	1
DISC90L1	78 124	2142	45.6017	-8.0282	4824	4859	12	46182	-76	1
DISC90L1	78 124	2148	45.5902	-8.0245	4824	4859	12	46186	-68	2
DISC90L1	78 124	2154	45.5782	-8.0207	4827	4863	12	46188	-61	1
DISC90L1	78 124	22 0	45.5665	-8.0168	4827	4863	12	46182	-65	1
DISC90L1	78 124	22 6	45.5555	-8.0133	4827	4863	12	46176	-65	1
DISC90L1	78 124	2212	45.5450	-8.0098	4827	4863	12	46164	-73	1
DISC90L1	78 124	2218	45.5338	-8.0060	4827	4863	12	46156	-77	1
DISC90L1	78 124	2224	45.5223	-8.0023	4828	4865	12	46144	-85	1
DISC90L1	78 124	2230	45.5110	-8.0023	4830	4866	12	46134	-91	3
DISC90L1	78 124	2236	45.5003	-8.0072	4830	4866	12	46128	-94	0
DISC90L1	78 124	2242	45.4898	-8.0135	4832	4868	12	46120	-98	4
DISC90L1	78 124	2248	45.4797	-8.0215	4832	4868	12	46118	-97	4
DISC90L1	78 124	2254	45.4693	-8.0297	4832	4868	12	46118	-93	4
DISC90L1	78 124	23 0	45.4590	-8.0363	4832	4868	12	46116	-92	2
DISC90L1	78 124	23 6	45.4487	-8.0397	4832	4868	12	46116	-88	0
DISC90L1	78 124	2312	45.4373	-8.0365	4833	4870	12	46110	-90	1
DISC90L1	78 124	2318	45.4262	-8.0328	4833	4870	12	46100	-96	
DISC90L1	78 124	2324	45.4153	-8.0293	4832	4868	12	46086	-106	
DISC90L1	78 124	2330	45.4047	-8.0258	4834	4870	12	46074	-114	
DISC90L1	78 124	2336	45.3937	-8.0225	4834	4870	12	46056	-128	1
DISC90L1	78 124	2342	45.3827	-8.0182	4835	4872	12	46038	-142	0
DISC90L1	78 124	2348	45.3713	-8.0142	4837	4874	12	46020	-156	0
DISC90L1	78 124	2354	45.3598	-8.0103	4837	4874	12	46004	-168	1
DISC90L1 25	78 125	0 0	45.3477	-8.0067	4837	4874	12	45986	-182	1
DISC90L1	78 125	0 6	45.3357	-8.0032	4837	4874	12	45966	-198	2
DISC90L1	78 125	012	45.3237	-7.9995	4841	4877	12			
DISC90L1	78 125	018	45.3117	-7.9960	4843	4879	12			
DISC90L1	78 125	024	45.2995	-7.9925	4843	4879	12	45912	-239	1
DISC90L1	78 125	030	45.2870	-7.9888	4843	4879	12	45908	-239	1
DISC90L1	78 125	036	45.2747	-7.9852	4843	4879	12	45910	-233	1
DISC90L1	78 125	042	45.2622	-7.9817	4843	4879	12	45920	-218	1
DISC90L1	78 125	048	45.2490	-7.9782	4843	4879	12	45930	-203	3

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	25 78 125	054	45.2370	-7.9750	4843	4879	12	45930	-199	-3
DISC90L1	78 125	1 0	45.2248	-7.9718	4843	4879	12	45928	-197	-5
DISC90L1	78 125	1 6	45.2127	-7.9687	4843	4879	12	45920	-201	-6
DISC90L1	78 125	112	45.2005	-7.9655	4843	4879	12	45908	-208	-5
DISC90L1	78 125	118	45.1883	-7.9623	4845	4881	12	45898	-214	-4
DISC90L1	78 125	124	45.1765	-7.9592	4847	4883	12	45890	-218	-4
DISC90L1	78 125	130	45.1643	-7.9558	4848	4885	12	45878	-226	-4
DISC90L1	78 125	136	45.1522	-7.9527	4847	4883	12	45874	-225	-3
DISC90L1	78 125	142	45.1405	-7.9495	4846	4883	12	45870	-225	-0
DISC90L1	78 125	148	45.1285	-7.9462	4846	4883	12	45868	-223	1
DISC90L1	78 125	154	45.1170	-7.9433	4848	4885	12	45870	-217	
DISC90L1	78 125	2 0	45.1067	-7.9477	4846	4883	12	45864	-219	3
DISC90L1	78 125	2 6	45.0962	-7.9523	4772	4806	12	45860	-220	5
DISC90L1	78 125	212	45.0852	-7.9570	4557	4585	12	45856	-220	10
DISC90L1	78 125	218	45.0738	-7.9417	4359	4382	12	45846	-226	12
DISC90L1	78 125	224	45.0623	-7.9443	4361	4384	12	45836	-232	15
DISC90L1	78 125	230	45.0510	-7.9410	4412	4435	12	45826	-238	15
DISC90L1	78 125	236	45.0400	-7.9377	4467	4492	12	45822	-238	12
DISC90L1	78 125	242	45.0287	-7.9343	4515	4543	12	45820	-236	10
DISC90L1	78 125	248	45.0172	-7.9312	4612	4641	12	45816	-236	7
DISC90L1	78 125	254	45.0057	-7.9278	4742	4775	12	45814	-234	7
DISC90L1	78 125	3 0	44.9942	-7.9245	4780	4815	12	45808	-235	-17
DISC90L1	78 125	3 6	44.9828	-7.9213	4812	4848	12	45806	-232	
DISC90L1	78 125	312	44.9712	-7.9180	4822	4857	12	45800	-234	
DISC90L1	78 125	318	44.9597	-7.9147	4803	4837	12	45796	-234	
DISC90L1	78 125	324	44.9483	-7.9115	4785	4819	12	45792	-234	
DISC90L1	78 125	330	44.9368	-7.9082	4846	4883	12	45788	-234	
DISC90L1	78 125	336	44.9253	-7.9048	4852	4888	12	45778	-239	
DISC90L1	78 125	342	44.9138	-7.9017	4852	4888	12	45776	-237	
DISC90L1	78 125	348	44.9020	-7.8985	4852	4888	12	45776	-233	
DISC90L1	78 125	354	44.8903	-7.8950	4852	4888	12	45780	-225	
DISC90L1	78 125	4 0	44.8787	-7.8917	4852	4888	12	45792	-208	
DISC90L1	78 125	4 6	44.8668	-7.8883	4852	4888	12	45810	-186	
DISC90L1	78 125	412	44.8552	-7.8850	4852	4888	12	45830	-162	
DISC90L1	78 125	418	44.8435	-7.8820	4852	4888	12	45846	-142	
DISC90L1	78 125	424	44.8317	-7.8788	4852	4888	12	45854	-129	
DISC90L1	78 125	430	44.8200	-7.8758	4852	4888	12	45854	-125	
DISC90L1	78 125	436	44.8083	-7.8722	4852	4888	12	45850	-125	
DISC90L1	78 125	442	44.7967	-7.8683	4852	4888	12	45846	-125	
DISC90L1	78 125	448	44.7853	-7.8643	4852	4888	12	45838	-129	
DISC90L1	78 125	454	44.7742	-7.8607	4852	4888	12	45840	-122	
DISC90L1	78 125	5 0	44.7627	-7.8567	4852	4888	12	45844	-114	
DISC90L1	78 125	5 6	44.7512	-7.8527	4852	4888	12	45846	-108	
DISC90L1	78 125	512	44.7397	-7.8485	4852	4888	12	45850	-100	
DISC90L1	78 125	518	44.7280	-7.8445	4852	4888	12	45848	-98	
DISC90L1	78 125	524	44.7167	-7.8403	4852	4888	12	45844	-97	
DISC90L1	78 125	530	44.7052	-7.8363	4852	4888	12	45834	-103	
DISC90L1	78 125	536	44.6937	-7.8323	4850	4887	12	45830	-103	
DISC90L1	78 125	542	44.6822	-7.8283	4849	4885	12	45826	-103	
DISC90L1	78 125	548	44.6707	-7.8242	4848	4885	12	45826	-99	
DISC90L1	78 125	554	44.6592	-7.8202	4848	4885	12	45826	-94	
DISC90L1	78 125	6 0	44.6477	-7.8160	4848	4885	12	45830	-86	-103
DISC90L1	78 125	6 6	44.6360	-7.8118	4848	4885	12	45834	-78	-108
DISC90L1	78 125	612	44.6242	-7.8077	4848	4885	12	45840	-68	-110
DISC90L1	78 125	618	44.6123	-7.8035	4848	4885	12	45848	-59	-116
DISC90L1	78 125	624	44.6005	-7.7990	4848	4885	12	45856	-43	-120
DISC90L1	78 125	630	44.5887	-7.7947	4848	4885	12	45860	-35	-124
DISC90L1	78 125	636	44.5772	-7.7903	4848	4885	12	45868	-23	-129
DISC90L1	78 125	642	44.5652	-7.7862	4848	4885	12	45870	-16	-133
DISC90L1	78 125	648	44.5535	-7.7820	4848	4885	12	45876	-6	-137
DISC90L1	78 125	654	44.5418	-7.7777	4848	4885	12	45878	0	-141
DISC90L1	78 125	7 0	44.5302	-7.7733	4849	4885	12	45876	2	-145
DISC90L1	78 125	7 6	44.5185	-7.7692	4848	4885	12	45868	-1	-149
DISC90L1	78 125	712	44.5070	-7.7650	4848	4885	12	45860	-5	-152
DISC90L1	78 125	718	44.4958	-7.7608	4848	4885	12	45852	-9	-155
DISC90L1	78 125	724	44.4847	-7.7567	4848	4885	12	45838	-19	-158
DISC90L1	78 125	730	44.4733	-7.7525	4848	4885	12	45826	-27	-160
DISC90L1	78 125	736	44.4623	-7.7483	4847	4883	12	45814	-35	-163
DISC90L1	78 125	742	44.4515	-7.7440	4847	4883	12	45804	-41	-166
DISC90L1	78 125	748	44.4403	-7.7398	4847	4883	12	45792	-49	-169
DISC90L1	78 125	754	44.4290	-7.7357	4847	4883	12	45780	-56	-171
DISC90L1	78 125	8 0	44.4175	-7.7313	4846	4883	12	45766	-66	-173
DISC90L1	78 125	8 6	44.4062	-7.7272	4846	4883	12	45752	-76	-176
DISC90L1	78 125	812	44.3945	-7.7230	4838	4876	12	45740	-84	-178
DISC90L1	78 125	818	44.3830	-7.7197	4812	4848	12	45730	-90	-178
DISC90L1	78 125	824	44.3715	-7.7163	4808	4843	12	45720	-95	-178
DISC90L1	78 125	830	44.3598	-7.7133	4832	4868	12	45706	-105	-180
DISC90L1	78 125	836	44.3480	-7.7102	4794	4830	12	45698	-109	-180
DISC90L1	78 125	842	44.3360	-7.7070	4791	4826	12	45688	-115	-178
DISC90L1	78 125	848	44.3242	-7.7037	4782	4817	12	45678	-120	-176
DISC90L1	78 125	854	44.3127	-7.7005	4771	4804	12	45668	-126	-173
DISC90L1	78 125	9 0	44.3012	-7.6972	4768	4802	12	45668	-129	-170
DISC90L1	78 125	9 6	44.2893	-7.6937	4750	4784	12	45652	-134	-166
DISC90L1	78 125	912	44.2775	-7.6903	4712	4744	12	45640	-141	-163
DISC90L1	78 125	918	44.2660	-7.6867	4688	4718	12	45632	-145	-158
DISC90L1	78 125	924	44.2542	-7.6832	4608	4636	12	45622	-151	-152
DISC90L1	78 125	930	44.2422	-7.6797				45616	-152	-146
DISC90L1	78 125	936	44.2305	-7.6762	4403	4426	12	45612	-152	-140
DISC90L1	78 125	942	44.2187	-7.6728	4220	4239	12	45604	-156	-131
DISC90L1	78 125	948	44.2068	-7.6695	4037	4053	12	45598	-158	-121
DISC90L1	78 125	954	44.1950	-7.6660	3647	3656	12	45594	-157	-108
DISC90L1	78 125	10 0	44.1832	-7.6613	3537	3544	12	45588	-159	-97
DISC90L1	78 125	10 6	44.1717	-7.6565	3429	3434	12	45584	-159	-86

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 125	1012	44.1602	-7.6518	3147	3151	12	45584	-154	-75
DISC90L1	78 125	1018	44.1485	-7.6470	2695	2696	12	45578	-156	-62
DISC90L1	78 125	1024	44.1365	-7.6423	2298	2297	12	45574	-156	-48
DISC90L1	78 125	1030	44.1247	-7.6377	2036	2035	12	45572	-153	-33
DISC90L1	78 125	1036	44.1178	-7.6342	1887	1887	12	45572	-151	-26
DISC90L1	78 125	1042	44.1085	-7.6303	1621	1622	12	45562	-158	-12
DISC90L1	78 125	1048	44.0963	-7.6262	1416	1417	12	45558	-157	5
DISC90L1	78 125	1054	44.0842	-7.6222	1101	1103	12	45556	-155	22
DISC90L1	78 125	11 0	44.0723	-7.6182	886	889	12	45554	-152	42
DISC90L1	78 125	11 6	44.0605	-7.6140	409	413	12	45554	-148	62
DISC90L1	78 125	1112	44.0485	-7.6093	236	241	12	45556	-142	73
DISC90L1	78 125	1118	44.0422	-7.5983	221	225	12	45552	-143	76
DISC90L1	78 125	1124	44.0408	-7.5870	218	223	12			80
DISC90L1	78 125	1130	44.0402	-7.5762	218	223	12			80
DISC90L1	78 125	1136	44.0392	-7.5657	216	221	12			79
DISC90L1	78 125	1142	44.0385	-7.5550	213	218	12			78
DISC90L1	78 125	1148	44.0377	-7.5442	211	216	12			77
DISC90L1	78 125	1154	44.0383	-7.5347	211	216	12			72
DISC90L1	78 125	12 0	44.0432	-7.5333	225	230	12			72
DISC90L1	78 125	12 6	44.0493	-7.5285	241	245	12			78
DISC90L1	78 125	1212	44.0487	-7.5182	236	241	12			73
DISC90L1	78 125	1218	44.0475	-7.5080	228	232	12			75
DISC90L1	78 125	1224	44.0405	-7.5020	208	212	12			70
DISC90L1	78 125	1230	44.0317	-7.5022	190	196	12			73
DISC90L1	78 125	1236	44.0227	-7.5022	185	190	12			74
DISC90L1	78 125	1242	44.0140	-7.5017	183	188	12			72
DISC90L1	78 125	1248	44.0053	-7.5013	187	192	12			72
DISC90L1	78 125	1254	43.9967	-7.5008	177	172	0			71
DISC90L1	78 125	13 0	43.9880	-7.5005	176	172	0			69
DISC90L1	78 125	13 6	43.9795	-7.5000	167	163	0			68
DISC90L1	78 125	1312	43.9707	-7.4998	163	157	0			67
DISC90L1	78 125	1318	43.9618	-7.4997	162	157	0			64
DISC90L1	78 125	1324	43.9540	-7.5025	161	155	0			60
DISC90L1	78 125	1330	43.9548	-7.5095	161	155	0			63
DISC90L1	78 125	1336	43.9612	-7.5153	165	159	0			65
DISC90L1	78 125	1342	43.9678	-7.5215	167	163	0			66
DISC90L1	78 125	1348	43.9745	-7.5275	169	165	0			66
DISC90L1	78 125	1354	43.9812	-7.5333	176	172	0	45516	-156	66
DISC90L1	78 125	14 0	43.9872	-7.5387	176	172	0	45522	-152	66
DISC90L1	78 125	14 6	43.9940	-7.5447	179	174	0	45526	-151	66
DISC90L1	78 125	1412	44.0012	-7.5512	181	187	12	45534	-146	67
DISC90L1	78 125	1418	44.0078	-7.5570	181	187	12	45536	-146	69
DISC90L1	78 125	1424	44.0140	-7.5625	183	188	12	45538	-147	71
DISC90L1	78 125	1430	44.0208	-7.5685	181	187	12	45542	-145	71
DISC90L1	78 125	1436	44.0265	-7.5743	183	188	12	45544	-145	72
DISC90L1	78 125	1442	44.0323	-7.5800	186	190	12	45546	-145	73
DISC90L1	78 125	1448	44.0385	-7.5863	190	196	12	45552	-142	72
DISC90L1	78 125	1454	44.0443	-7.5925	201	205	12	45552	-144	75
DISC90L1	78 125	15 0	44.0503	-7.5985	217	221	12	45554	-144	75
DISC90L1	78 125	15 6	44.0563	-7.6043	233	238	12	45558	-142	75
DISC90L1	78 125	1512	44.0623	-7.6102	263	267	12	45558	-145	70
DISC90L1	78 125	1518	44.0685	-7.6162	390	395	12	45556	-149	62
DISC90L1	78 125	1524	44.0758	-7.6235	555	560	12	45556	-152	51
DISC90L1	78 125	1530	44.0847	-7.6327	915	918	12	45556	-155	35
DISC90L1	78 125	1536	44.0933	-7.6425	1035	1037	12	45556	-158	23
DISC90L1	78 125	1542	44.1017	-7.6528	1085	1086	12	45554	-163	13
DISC90L1	78 125	1548	44.1097	-7.6625	1421	1423	12	45260	-160	1
DISC90L1	78 125	1554	44.1178	-7.6723	1571	1571	12	45262	-161	-9
DISC90L1	78 125	16 0	44.1260	-7.6823	1751	1752	12	45568	-158	-20
DISC90L1	78 125	16 6	44.1340	-7.6918	1896	1896	12	45574	-155	-30
DISC90L1	78 125	1612	44.1422	-7.7017	2146	2145	12	45580	-152	-41
DISC90L1	78 125	1618	44.1500	-7.7112	2242	2240	12	45580	-150	-50
DISC90L1	78 125	1624	44.1582	-7.7210	2412	2412	12	45580	-150	-59
DISC90L1	78 125	1630	44.1662	-7.7307	2661	2661	12	45584	-158	-70
DISC90L1	78 125	1636	44.1738	-7.7403	2727	2727	12	45588	-156	-78
DISC90L1	78 125	1642	44.1820	-7.7502	3167	3169	12	45588	-159	-89
DISC90L1	78 125	1648	44.1900	-7.7598	3412	3418	12	45590	-160	-100
DISC90L1	78 125	1654	44.1982	-7.7695	3524	3531	12	45596	-158	-108
DISC90L1	78 125	17 0	44.2058	-7.7792	3567	3573	12	45598	-158	-117
DISC90L1	78 125	17 6	44.2140	-7.7895	3874	3886	12	45598	-161	-127
DISC90L1	78 125	1712	44.2227	-7.8000	4127	4144	12	45606	-157	-136
DISC90L1	78 125	1718	44.2310	-7.8105	4127	4144	12	45610	-156	-143
DISC90L1	78 125	1724	44.2393	-7.8208	4247	4267	12	45612	-157	-148
DISC90L1	78 125	1730	44.2477	-7.8310	4369	4391	12	45616	-156	-155
DISC90L1	78 125	1736	44.2560	-7.8415	4447	4471	12	45618	-157	-160
DISC90L1	78 125	1742	44.2643	-7.8517	4464	4490	12	45628	-150	-165
DISC90L1	78 125	1748	44.2727	-7.8622	4507	4534	12	45634	-148	-169
DISC90L1	78 125	1754	44.2810	-7.8728	4572	4599	12	45638	-147	-171
DISC90L1	78 125	18 0	44.2893	-7.8835	4594	4623	12	45646	-142	-174
DISC90L1	78 125	18 6	44.2978	-7.8943	4612	4641	12	45654	-137	-175
DISC90L1	78 125	1812	44.3062	-7.9047	4617	4647	12	45656	-138	-177
DISC90L1	78 125	1818	44.3145	-7.9150	4624	4654	12	45672	-125	-178
DISC90L1	78 125	1824	44.3227	-7.9250	4637	4667	12	45668	-132	-180
DISC90L1	78 125	1830	44.3312	-7.9355	4652	4682	12	45686	-117	-179
DISC90L1	78 125	1836	44.3395	-7.9458	4662	4693	12	45694	-113	-179
DISC90L1	78 125	1842	44.3457	-7.9578	4662	4693	12	45700	-109	-179
DISC90L1	78 125	1848	44.3490	-7.9723	4667	4698	12	45702	-108	-179
DISC90L1	78 125	1854	44.3512	-7.9877	4662	4693	12	45706	-105	-176
DISC90L1	78 125	19 0	44.3532	-8.0033	4672	4704	12	45702	-110	-175
DISC90L1	78 125	19 6	44.3552	-8.0192	4662	4693	12	45704	-109	-172
DISC90L1	78 125	1912	44.3570	-8.0348	4608	4636	12	45708	-106	-172
DISC90L1	78 125	1918	44.3590	-8.0505	4547	4574	12	45708	-107	-169
DISC90L1	78 125	1924	44.3610	-8.0665	4510	4537	12	45714	-102	-166

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 25	78 125	1930	44.3630	-9.0823	4483	4508	12	45716	-101	-163
DISC90L1	78 125	1936	44.3650	-9.0980	4462	4488	12	45704	-114	-161
DISC90L1	78 125	1942	44.3670	-9.1135	4446	4470	12	45710	-109	-159
DISC90L1	78 125	1948	44.3692	-9.1292	4432	4457	12	45704	-116	-156
DISC90L1	78 125	1954	44.3712	-9.1450	4457	4482	12	45710	-111	-156
DISC90L1	78 125	20 0	44.3732	-9.1608	4502	4528	12	45700	-122	-155
DISC90L1	78 125	20 6	44.3752	-9.1765	4532	4559	12	45720	-103	-153
DISC90L1	78 125	2012	44.3772	-9.1917	4592	4621	12	45716	-108	-151
DISC90L1	78 125	2018	44.3790	-9.2073	4662	4693	12	45724	-101	-151
DISC90L1	78 125	2024	44.3810	-9.2230	4697	4729	12	45722	-104	-149
DISC90L1	78 125	2030	44.3833	-9.2380	4683	4715	12	45724	-103	-147
DISC90L1	78 125	2036	44.3858	-9.2527	4777	4812	12	45728	-100	-145
DISC90L1	78 125	2042	44.3882	-9.2675	4704	4737	12	45730	-99	-143
DISC90L1	78 125	2048	44.3907	-9.2827	4672	4704	12	45738	-92	-142
DISC90L1	78 125	2054	44.3932	-9.2975	4652	4682	12	45744	-87	-140
DISC90L1	78 125	21 0	44.3955	-9.3127	4695	4727	12	45740	-92	-139
DISC90L1	78 125	21 6	44.3980	-9.3282	4787	4823	12	45752	-82	-140
DISC90L1	78 125	2112	44.4003	-9.3438	4860	4898	12	45752	-83	-136
DISC90L1	78 125	2118	44.4028	-9.3595	4857	4894	12	45758	-78	-134
DISC90L1	78 125	2124	44.4055	-9.3748	4848	4885	12	45760	-77	-135
DISC90L1	78 125	2130	44.4080	-9.3900	4824	4859	12	45768	-70	-131
DISC90L1	78 125	2136	44.4107	-9.4053	4848	4885	12	45770	-69	-130
DISC90L1	78 125	2142	44.4135	-9.4207	4848	4885	12	45772	-69	-128
DISC90L1	78 125	2148	44.4162	-9.4355	4846	4883	12	45782	-60	-125
DISC90L1	78 125	2154	44.4190	-9.4512	4752	4786	12	45788	-55	-125
DISC90L1	78 125	22 0	44.4217	-9.4662	4745	4779	12	45788	-56	-121
DISC90L1	78 125	22 6	44.4243	-9.4805	4777	4812	12	45786	-60	-119
DISC90L1	78 125	2212	44.4272	-9.4958	4712	4744	12	45790	-57	-119
DISC90L1	78 125	2218	44.4297	-9.5113	4681	4711	12	45794	-54	-114
DISC90L1	78 125	2224	44.4320	-9.5267	4717	4749	12	45802	-47	-112
DISC90L1	78 125	2230	44.4345	-9.5420	4707	4823	12	45806	-44	-110
DISC90L1	78 125	2236	44.4368	-9.5583	4832	4868	12	45810	-42	-108
DISC90L1	78 125	2242	44.4393	-9.5742	4867	4905	12	45820	-33	-105
DISC90L1	78 125	2248	44.4417	-9.5895	4867	4905	12	45826	-28	-103
DISC90L1	78 125	2254	44.4442	-9.6055	4803	4837	12	45822	-33	-100
DISC90L1	78 125	23 0	44.4465	-9.6218	4728	4760	12	45818	-38	-99
DISC90L1	78 125	23 6	44.4488	-9.6380	4688	4718	12	45820	-37	-98
DISC90L1	78 125	2312	44.4512	-9.6545	4717	4749	12	45818	-40	-94
DISC90L1	78 125	2318	44.4533	-9.6708	4817	4852	12	45814	-45	-92
DISC90L1	78 125	2324	44.4553	-9.6862	4848	4885	12	45814	-46	-87
DISC90L1	78 125	2330	44.4575	-9.7025	4757	4791	12	45814	-47	-83
DISC90L1	78 125	2336	44.4597	-9.7190	4717	4749	12	45804	-59	-82
DISC90L1	78 125	2342	44.4620	-9.7355	4717	4749	12	45786	-78	-81
DISC90L1	78 125	2348	44.4643	-9.7522	4822	4857	12	45782	-83	-83
DISC90L1	78 125	2354	44.4667	-9.7685	4832	4868	12	45774	-92	-77
DISC90L1	78 126	0 0	44.4690	-9.7843	4867	4905	12	45774	-93	-79
DISC90L1 26	78 126	0 6	44.4715	-9.8008				45768	-100	-79
DISC90L1	78 126	012	44.4740	-9.8173				45770	-99	-78
DISC90L1	78 126	018	44.4763	-9.8325	4870	4908	12	45770	-101	-75
DISC90L1	78 126	024	44.4787	-9.8480	4869	4907	12	45774	-98	-75
DISC90L1	78 126	030	44.4810	-9.8638	4867	4905	12	45774	-99	-72
DISC90L1	78 126	036	44.4833	-9.8795	4867	4905	12	45782	-92	-70
DISC90L1	78 126	042	44.4860	-9.8963	4870	4908	12	45786	-89	-72
DISC90L1	78 126	048	44.4885	-9.9125	4872	4910	12	45788	-88	-69
DISC90L1	78 126	054	44.4908	-9.9272	4875	4912	12	45784	-93	-68
DISC90L1	78 126	1 0	44.4933	-9.9422	4875	4912	12	45784	-95	-68
DISC90L1	78 126	1 6	44.4960	-9.9583	4875	4912	12	45776	-104	-67
DISC90L1	78 126	112	44.4985	-9.9743	4874	4912	12	45772	-109	-66
DISC90L1	78 126	118	44.5012	-9.9903	4874	4912	12	45766	-116	-67
DISC90L1	78 126	124	44.5037	-10.0057	4874	4912	12	45764	-119	-63
DISC90L1	78 126	130	44.5062	-10.0213	4875	4912	12	45768	-117	-63
DISC90L1	78 126	136	44.5087	-10.0375	4877	4916	12	45770	-116	-65
DISC90L1	78 126	142	44.5110	-10.0523	4877	4916	12	45774	-113	-64
DISC90L1	78 126	148	44.5137	-10.0685	4877	4916	12	45774	-114	-62
DISC90L1	78 126	154	44.5162	-10.0845	4877	4916	12	45776	-114	-61
DISC90L1	78 126	2 0	44.5187	-10.0995	4877	4916	12	45780	-111	-60
DISC90L1	78 126	2 6	44.5210	-10.1150	4878	4916	12	45780	-112	-63
DISC90L1	78 126	212	44.5235	-10.1302	4879	4918	12	45784	-109	-61
DISC90L1	78 126	218	44.5260	-10.1458	4883	4921	12	45786	-109	-62
DISC90L1	78 126	224	44.5285	-10.1617	4883	4921	12	45790	-106	-58
DISC90L1	78 126	230	44.5313	-10.1772	4883	4921	12	45790	-107	-61
DISC90L1	78 126	236	44.5342	-10.1928	4883	4921	12	45794	-105	-62
DISC90L1	78 126	242	44.5367	-10.2068	4885	4923	12	45802	-98	-61
DISC90L1	78 126	248	44.5395	-10.2215	4888	4925	12	45804	-97	-60
DISC90L1	78 126	254	44.5422	-10.2368	4888	4925	12	45808	-95	-63
DISC90L1	78 126	3 0	44.5448	-10.2510	4888	4925	12	45814	-90	-61
DISC90L1	78 126	3 6	44.5477	-10.2660	4888	4925	12	45822	-83	-61
DISC90L1	78 126	312	44.5510	-10.2812	4893	4930	12	45834	-73	-62
DISC90L1	78 126	318	44.5545	-10.2962	4893	4930	12	45842	-66	-60
DISC90L1	78 126	324	44.5578	-10.3112	4897	4936	12	45846	-64	-60
DISC90L1	78 126	330	44.5612	-10.3258	4897	4936	12	45854	-58	-61
DISC90L1	78 126	336	44.5647	-10.3413	4897	4936	12	45858	-55	-63
DISC90L1	78 126	342	44.5680	-10.3558	4897	4936	12	45860	-55	-59
DISC90L1	78 126	348	44.5713	-10.3702	4894	4932	12	45858	-58	-61
DISC90L1	78 126	354	44.5748	-10.3855	4893	4930	12	45856	-62	-58
DISC90L1	78 126	4 0	44.5782	-10.4005	4892	4930	12	45848	-71	-58
DISC90L1	78 126	4 6	44.5817	-10.4167	4892	4930	12	45838	-83	-56
DISC90L1	78 126	412	44.5850	-10.4312	4893	4930	12	45832	-91	-56
DISC90L1	78 126	418	44.5883	-10.4462	4895	4934	12	45826	-98	-53
DISC90L1	78 126	424	44.5917	-10.4615	4895	4934	12	45822	-104	-54
DISC90L1	78 126	430	44.5950	-10.4762	4894	4932	12	45820	-107	-52
DISC90L1	78 126	436	44.5983	-10.4910	4894	4935	12	45818	-111	-49
DISC90L1	78 126	442	44.6017	-10.5057	4893	4930	12	45812	-118	-47

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 126	448	44.6048	-9.5203	4893	4930	12	45804	-128	-147
DISC90L1	78 126	454	44.6083	-9.5352	4893	4930	12	45796	-137	-146
DISC90L1	78 126	5 0	44.6118	-9.5505	4893	4930	12	45786	-149	-145
DISC90L1	78 126	5 6	44.6155	-9.5657	4892	4930	12	45780	-157	-143
DISC90L1	78 126	512	44.6190	-9.5810	4893	4930	12	45778	-160	-140
DISC90L1	78 126	518	44.6223	-9.5962	4893	4930	12	45780	-160	-139
DISC90L1	78 126	524	44.6257	-9.6117	4891	4929	12	45786	-155	-137
DISC90L1	78 126	530	44.6293	-9.6270	4891	4929	12	45788	-155	-135
DISC90L1	78 126	536	44.6327	-9.6422	4892	4930	12	45792	-153	-133
DISC90L1	78 126	542	44.6360	-9.6570	4891	4929	12	45794	-152	-130
DISC90L1	78 126	548	44.6393	-9.6713	4893	4930	12	45802	-146	-130
DISC90L1	78 126	554	44.6427	-9.6872	4893	4930	12	45808	-141	-128
DISC90L1	78 126	6 0	44.6460	-9.7025	4893	4930	12	45822	-129	-125
DISC90L1	78 126	6 6	44.6493	-9.7187	4893	4930	12	45842	-110	-124
DISC90L1	78 126	612	44.6525	-9.7345	4893	4930	12	45866	-88	-120
DISC90L1	78 126	618	44.6557	-9.7505	4892	4930	12	45888	-67	-119
DISC90L1	78 126	624	44.6587	-9.7662	4888	4925	12	45914	-43	-119
DISC90L1	78 126	630	44.6617	-9.7822	4886	4923	12	45938	-20	-117
DISC90L1	78 126	636	44.6647	-9.7975	4884	4921	12	45958	-2	-114
DISC90L1	78 126	642	44.6678	-9.8132	4882	4919	12	45978	16	-113
DISC90L1	78 126	648	44.6708	-9.8287	4878	4916	12	45984	20	-112
DISC90L1	78 126	654	44.6738	-9.8443	4877	4916	12	45984	19	-110
DISC90L1	78 126	7 0	44.6770	-9.8603	4877	4916	12	45978	11	-9
DISC90L1	78 126	7 6	44.6800	-9.8758	4879	4918	12	45968	0	-7
DISC90L1	78 126	712	44.6832	-9.8917	4881	4918	12	45962	-7	-7
DISC90L1	78 126	718	44.6833	-9.9078	4879	4918	12	45962	-7	-3
DISC90L1	78 126	724	44.6790	-9.9228	4881	4918	12	45982	13	-3
DISC90L1	78 126	730	44.6717	-9.9353	4881	4918	12	46008	42	-5
DISC90L1	78 126	736	44.6625	-9.9457	4882	4919	12	46026	63	-4
DISC90L1	78 126	742	44.6517	-9.9508	4882	4919	12	46032	73	-1
DISC90L1	78 126	748	44.6402	-9.9512	4882	4919	12	46026	71	-4
DISC90L1	78 126	754	44.6285	-9.9505	4882	4919	12	46014	63	-5
DISC90L1	78 126	8 0	44.6173	-9.9498	4883	4921	12	45998	51	-8
DISC90L1	78 126	8 6	44.6060	-9.9488	4862	4899	12	45972	29	-10
DISC90L1	78 126	812	44.5945	-9.9480	4872	4910	12	45932	-5	-13
DISC90L1	78 126	818	44.5830	-9.9472	4890	4929	12	45896	-37	-17
DISC90L1	78 126	824	44.5715	-9.9462	4891	4929	12	45864	-65	-20
DISC90L1	78 126	830	44.5598	-9.9450	4890	4929	12	45846	-79	-24
DISC90L1	78 126	836	44.5482	-9.9440	4897	4936	12	45846	-74	-28
DISC90L1	78 126	842	44.5367	-9.9432	4893	4930	12	45860	-56	-33
DISC90L1	78 126	848	44.5250	-9.9422	4893	4930	12	45882	-30	-36
DISC90L1	78 126	854	44.5133	-9.9412	4900	4938	12	45904	-4	-41
DISC90L1	78 126	9 0	44.5020	-9.9405	4902	4941	12	45916	12	-45
DISC90L1	78 126	9 6	44.4907	-9.9397	4905	4943	12	45922	22	-50
DISC90L1	78 126	912	44.4795	-9.9385	4907	4945	12	45922	26	-56
DISC90L1	78 126	918	44.4683	-9.9375	4907	4945	12	45918	26	-60
DISC90L1	78 126	924	44.4572	-9.9365	4907	4945	12	45912	24	-65
DISC90L1	78 126	930	44.4462	-9.9355	4907	4945	12	45904	20	-70
DISC90L1	78 126	936	44.4353	-9.9343	4906	4945	12	45890	10	-72
DISC90L1	78 126	942	44.4245	-9.9333	4905	4943	12	45872	-3	-76
DISC90L1	78 126	948	44.4135	-9.9322	4905	4943	12	45856	-15	-80
DISC90L1	78 126	954	44.4025	-9.9312	4907	4945	12	45836	-31	-84
DISC90L1	78 126	10 0	44.3915	-9.9302	4907	4945	12	45818	-45	-87
DISC90L1	78 126	10 6	44.3803	-9.9292	4907	4945	12	45806	-53	-91
DISC90L1	78 126	1012	44.3695	-9.9280	4909	4949	12	45792	-63	-95
DISC90L1	78 126	1018	44.3580	-9.9268	4910	4949	12	45784	-66	-96
DISC90L1	78 126	1024	44.3467	-9.9252	4912	4951	12	45782	-64	-99
DISC90L1	78 126	1030	44.3353	-9.9238	4923	4962	12	45776	-66	-103
DISC90L1	78 126	1036	44.3240	-9.9227	4923	4962	12	45776	-62	-105
DISC90L1	78 126	1042	44.3143	-9.9278	4919	4958	12	45774	-60	-113
DISC90L1	78 126	1048	44.3058	-9.9387	4917	4956	12	45776	-56	-112
DISC90L1	78 126	1054	44.2978	-9.9502	4916	4956	12	45774	-55	-112
DISC90L1	78 126	11 0	44.2895	-9.9613	4915	4954	12	45772	-54	-114
DISC90L1	78 126	11 6	44.2812	-9.9725	4914	4954	12	45766	-57	-114
DISC90L1	78 126	1112	44.2727	-9.9838	4914	4954	12	45760	-60	-116
DISC90L1	78 126	1118	44.2643	-9.9950	4912	4951	12	45752	-66	-116
DISC90L1	78 126	1124	44.2560	-10.0062	4912	4951	12	45738	-76	-118
DISC90L1	78 126	1130	44.2473	-10.0182	4912	4951	12	45722	-89	-118
DISC90L1	78 126	1136	44.2390	-10.0293	4911	4951	12	45710	-99	-119
DISC90L1	78 126	1142	44.2312	-10.0402	4911	4951	12	45698	-108	-118
DISC90L1	78 126	1148	44.2233	-10.0510	4911	4951	12	45686	-117	-118
DISC90L1	78 126	1154	44.2153	-10.0622	4911	4951	12	45676	-125	-118
DISC90L1	78 126	12 0	44.2072	-10.0737	4911	4951	12	45664	-134	-118
DISC90L1	78 126	12 6	44.1990	-10.0850	4911	4951	12	45658	-137	-117
DISC90L1	78 126	1212	44.1915	-10.0955	4912	4951	12	45652	-141	-117
DISC90L1	78 126	1218	44.1837	-10.1065	4912	4951	12	45646	-144	-118
DISC90L1	78 126	1224	44.1755	-10.1182	4912	4951	12	45644	-144	-118
DISC90L1	78 126	1230	44.1673	-10.1297	4913	4952	12	45642	-143	-117
DISC90L1	78 126	1236	44.1593	-10.1410	4913	4952	12	45642	-140	-117
DISC90L1	78 126	1242	44.1512	-10.1523	4914	4954	12	45644	-136	-118
DISC90L1	78 126	1248	44.1433	-10.1633	4916	4956	12	45646	-131	-117
DISC90L1	78 126	1254	44.1353	-10.1745	4916	4956	12	45650	-124	-114
DISC90L1	78 126	13 0	44.1275	-10.1853	4917	4956	12	45654	-118	-114
DISC90L1	78 126	13 6	44.1193	-10.1968	4917	4956	12	45660	-109	-114
DISC90L1	78 126	1312	44.1112	-10.2082	4918	4958	12	45666	-100	-113
DISC90L1	78 126	1318	44.1032	-10.2193	4918	4958	12	45672	-92	-111
DISC90L1	78 126	1324	44.0953	-10.2302	4919	4958	12	45672	-89	-109
DISC90L1	78 126	1330	44.0880	-10.2405	4919	4958	12	45674	-85	-108
DISC90L1	78 126	1336	44.0805	-10.2510	4921	4960	12	45672	-84	-107
DISC90L1	78 126	1342	44.0727	-10.2620	4922	4962	12	45672	-82	-106
DISC90L1	78 126	1348	44.0648	-10.2730	4923	4962	12	45670	-81	-105
DISC90L1	78 126	1354	44.0572	-10.2835	4923	4962	12	45666	-82	-104
DISC90L1	78 126	14 0	44.0495	-10.2942	4923	4962	12	45664	-82	-104

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 26	78 126	14 6	44.0418	-10.3050	4923	4962	12	45660	-83	-102
DISC90L1	78 126	1412	44.0342	-10.3158	4924	4963	12	45656	-85	-101
DISC90L1	78 126	1418	44.0262	-10.3270	4925	4963	12	45652	-86	-102
DISC90L1	78 126	1424	44.0182	-10.3382	4928	4967	12	45648	-88	-100
DISC90L1	78 126	1430	44.0103	-10.3493	4928	4967	12	45644	-89	-101
DISC90L1	78 126	1436	44.0025	-10.3605	4928	4967	12	45642	-88	-99
DISC90L1	78 126	1442	43.9945	-10.3717	4928	4967	12	45640	-88	-98
DISC90L1	78 126	1448	43.9865	-10.3830	4928	4967	12	45642	-83	-96
DISC90L1	78 126	1454	43.9785	-10.3942	4928	4967	12	45644	-78	-96
DISC90L1	78 126	15 0	43.9707	-10.4053	4928	4967	12	45650	-70	-95
DISC90L1	78 126	15 6	43.9628	-10.4165	4929	4969	12	45652	-65	-94
DISC90L1	78 126	1512	43.9548	-10.4277	4930	4969	12	45654	-60	-95
DISC90L1	78 126	1518	43.9467	-10.4388	4932	4971	12	45658	-53	-92
DISC90L1	78 126	1524	43.9385	-10.4498	4931	4971	12	45664	-45	-93
DISC90L1	78 126	1530	43.9303	-10.4610	4931	4971	12	45666	-40	-92
DISC90L1	78 126	1536	43.9222	-10.4722	4931	4971	12	45670	-33	-91
DISC90L1	78 126	1542	43.9140	-10.4832	4930	4969	12	45672	-28	-91
DISC90L1	78 126	1548	43.9058	-10.4942	4933	4973	12	45674	-23	-89
DISC90L1	78 126	1554	43.8980	-10.5050	4931	4971	12	45674	-21	-89
DISC90L1	78 126	16 0	43.8898	-10.5162	4931	4971	12	45674	-18	-87
DISC90L1	78 126	16 6	43.8815	-10.5277	4933	4973	12	45676	-13	-86
DISC90L1	78 126	1612	43.8735	-10.5387	4933	4973	12	45682	-4	-86
DISC90L1	78 126	1618	43.8655	-10.5497	4933	4973	12	45682	-1	-85
DISC90L1	78 126	1624	43.8577	-10.5607	4933	4973	12	45684	2	-86
DISC90L1	78 126	1630	43.8497	-10.5713	4933	4973	12	45690	11	-84
DISC90L1	78 126	1636	43.8420	-10.5818	4937	4976	12	45694	18	-84
DISC90L1	78 126	1642	43.8343	-10.5922	4937	4976	12	45696	22	-85
DISC90L1	78 126	1648	43.8265	-10.6028	4936	4976	12	45704	33	-84
DISC90L1	78 126	1654	43.8188	-10.6132	4937	4976	12	45710	42	-85
DISC90L1	78 126	17 0	43.8110	-10.6237	4937	4976	12	45720	55	-85
DISC90L1	78 126	17 6	43.8030	-10.6348	4938	4978	12	45724	61	-85
DISC90L1	78 126	1712	43.7952	-10.6455	4939	4978	12	45734	74	-85
DISC90L1	78 126	1718	43.7873	-10.6562	4939	4978	12	45738	81	-86
DISC90L1	78 126	1724	43.7793	-10.6670	4941	4982	12	45740	86	-86
DISC90L1	78 126	1730	43.7715	-10.6777	4942	4982	12	45740	88	-86
DISC90L1	78 126	1736	43.7638	-10.6880	4943	4983	12	45736	87	-87
DISC90L1	78 126	1742	43.7558	-10.6987	4946	4987	12	45732	86	-88
DISC90L1	78 126	1748	43.7482	-10.7088	4947	4987	12	45726	82	-91
DISC90L1	78 126	1754	43.7400	-10.7198	4947	4987	12	45720	79	-90
DISC90L1	78 126	18 0	43.7318	-10.7308	4949	4989	12	45718	80	-91
DISC90L1	78 126	18 6	43.7238	-10.7417	4950	4991	12	45712	77	-91
DISC90L1	78 126	1812	43.7157	-10.7530	4952	4993	12	45708	76	-91
DISC90L1	78 126	1818	43.7072	-10.7643	4955	4993	12	45696	67	-92
DISC90L1	78 126	1824	43.6990	-10.7757	4955	4993	12	45684	57	-93
DISC90L1	78 126	1830	43.6907	-10.7870	4955	4993	12	45672	48	-91
DISC90L1	78 126	1836	43.6830	-10.7973	4952	4993	12	45658	37	-92
DISC90L1	78 126	1842	43.6753	-10.8085	4954	4994	12	45646	28	-91
DISC90L1	78 126	1848	43.6713	-10.8228	4955	4996	12	45638	21	-92
DISC90L1	78 126	1854	43.6715	-10.8397	4957	5000	13	45640	22	-94
DISC90L1	78 126	19 0	43.6720	-10.8557	4956	5000	13	45642	24	-93
DISC90L1	78 126	19 6	43.6723	-10.8717	4957	5000	13	45642	23	-93
DISC90L1	78 126	1912	43.6728	-10.8878	4957	5000	13	45642	23	-93
DISC90L1	78 126	1918	43.6733	-10.9042	4957	5000	13	45640	20	-94
DISC90L1	78 126	1924	43.6738	-10.9200	4957	5000	13	45638	17	-94
DISC90L1	78 126	1930	43.6743	-10.9362	4957	5000	13	45632	11	-94
DISC90L1	78 126	1936	43.6747	-10.9515	4959	5002	13	45628	6	-93
DISC90L1	78 126	1942	43.6750	-10.9672	4959	5002	13	45622	0	-94
DISC90L1	78 126	1948	43.6750	-10.9828	4957	5000	13	45616	-6	-92
DISC90L1	78 126	1954	43.6752	-10.9985	4958	5002	13	45614	-8	-93
DISC90L1	78 126	20 0	43.6753	-11.0142	4959	5002	13	45608	-15	-91
DISC90L1	78 126	20 6	43.6753	-11.0298	4959	5002	13	45604	-19	-94
DISC90L1	78 126	2012	43.6755	-11.0453	4959	5002	13	45600	-24	-94
DISC90L1	78 126	2018	43.6755	-11.0608	4959	5002	13	45596	-28	-94
DISC90L1	78 126	2024	43.6753	-11.0768	4963	5005	13	45594	-31	-94
DISC90L1	78 126	2030	43.6752	-11.0923	4963	5005	13	45592	-33	-93
DISC90L1	78 126	2036	43.6752	-11.1077	4963	5005	13	45592	-34	-92
DISC90L1	78 126	2042	43.6753	-11.1228	4963	5005	13	45594	-32	-93
DISC90L1	78 126	2048	43.6752	-11.1385	4963	5005	13	45598	-29	-92
DISC90L1	78 126	2054	43.6752	-11.1540	4963	5005	13	45600	-27	-91
DISC90L1	78 126	21 0	43.6750	-11.1695	4963	5005	13	45602	-26	-91
DISC90L1	78 126	21 6	43.6750	-11.1847	4963	5005	13	45608	-20	-90
DISC90L1	78 126	2112	43.6748	-11.2002	4963	5005	13	45610	-18	-89
DISC90L1	78 126	2118	43.6748	-11.2160	4964	5007	13	45612	-17	-89
DISC90L1	78 126	2124	43.6748	-11.2322	4964	5007	13	45614	-15	-87
DISC90L1	78 126	2130	43.6748	-11.2478	4964	5007	13	45614	-16	-87
DISC90L1	78 126	2136	43.6747	-11.2633	4964	5007	13	45612	-18	-86
DISC90L1	78 126	2142	43.6747	-11.2790	4968	5011	13	45610	-21	-86
DISC90L1	78 126	2148	43.6745	-11.2947	4967	5011	13	45608	-23	-86
DISC90L1	78 126	2154	43.6743	-11.3102	4968	5011	13	45604	-28	-83
DISC90L1	78 126	22 0	43.6743	-11.3260	4968	5011	13	45600	-32	-83
DISC90L1	78 126	22 6	43.6743	-11.3418	4968	5011	13	45598	-35	-82
DISC90L1	78 126	2212	43.6743	-11.3575	4968	5011	13	45596	-37	-82
DISC90L1	78 126	2218	43.6742	-11.3728	4968	5011	13	45596	-37	-80
DISC90L1	78 126	2224	43.6740	-11.3880	4970	5013	13	45594	-40	-80
DISC90L1	78 126	2230	43.6740	-11.4037	4969	5013	13	45592	-42	-80
DISC90L1	78 126	2236	43.6738	-11.4200	4971	5015	13	45592	-43	-79
DISC90L1	78 126	2242	43.6738	-11.4355	4972	5015	13	45588	-47	-79
DISC90L1	78 126	2248	43.6737	-11.4508	4973	5016	13	45590	-46	-79
DISC90L1	78 126	2254	43.6735	-11.4668	4974	5018	13	45590	-46	-76
DISC90L1	78 126	23 0	43.6735	-11.4825	4977	5020	13	45590	-47	-78
DISC90L1	78 126	23 6	43.6735	-11.4982	4980	5024	13	45590	-47	-77
DISC90L1	78 126	2312	43.6735	-11.5142	4977	5020	13	45592	-46	-77
DISC90L1	78 126	2318	43.6732	-11.5300	4974	5018	13	45594	-44	-76

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 126	2324	43.6730	-11.5452	4974	5018	13	45596	-42	-76
DISC90L1	78 126	2330	43.6727	-11.5608	4977	5020	13	45598	-41	-75
DISC90L1	78 126	2336	43.6725	-11.5768	4976	5020	13	45596	-43	-74
DISC90L1	78 126	2342	43.6725	-11.5927	4975	5018	13	45594	-46	-75
DISC90L1	78 126	2348	43.6727	-11.6085	4977	5020	13	45594	-46	-74
DISC90L1	78 126	2354	43.6728	-11.6245	4979	5022	13	45590	-51	-74
DISC90L1 27	78 127	0 0	43.6728	-11.6397	4977	5020	13	45584	-57	-71
DISC90L1	78 127	0 6	43.6727	-11.6543	4977	5020	13	45576	-66	-71
DISC90L1	78 127	012	43.6725	-11.6690	4979	5022	13	45570	-72	-72
DISC90L1	78 127	018	43.6723	-11.6840	4978	5022	13	45562	-80	-69
DISC90L1	78 127	024	43.6722	-11.6988	4980	5024	13	45554	-89	-68
DISC90L1	78 127	030	43.6720	-11.7135	4982	5026	13	45548	-95	-68
DISC90L1	78 127	036	43.6718	-11.7283	4982	5026	13	45540	-103	-67
DISC90L1	78 127	042	43.6717	-11.7428	4982	5026	13	45534	-110	-66
DISC90L1	78 127	048	43.6715	-11.7580	4986	5031	13	45524	-120	-66
DISC90L1	78 127	054	43.6712	-11.7737	4986	5031	13	45516	-129	-66
DISC90L1	78 127	1 0	43.6708	-11.7888	4988	5033	13	45510	-135	-62
DISC90L1	78 127	1 6	43.6705	-11.8035	4989	5033	13	45502	-143	-62
DISC90L1	78 127	112	43.6703	-11.8180	4990	5035	13	45500	-146	-61
DISC90L1	78 127	118	43.6700	-11.8322	4990	5035	13	45496	-150	-61
DISC90L1	78 127	124	43.6700	-11.8468	4992	5037	13	45492	-154	-61
DISC90L1	78 127	130	43.6700	-11.8622	4994	5038	13	45490	-157	-60
DISC90L1	78 127	136	43.6700	-11.8772	4996	5040	13	45490	-157	-60
DISC90L1	78 127	142	43.6702	-11.8922	4997	5042	13	45488	-160	-58
DISC90L1	78 127	148	43.6703	-11.9073	4997	5042	13	45488	-160	-58
DISC90L1	78 127	154	43.6705	-11.9225	5002	5046	13	45488	-161	-58
DISC90L1	78 127	2 0	43.6705	-11.9373	5003	5047	13	45488	-161	-57
DISC90L1	78 127	2 6	43.6707	-11.9517	5003	5047	13	45490	-160	-57
DISC90L1	78 127	212	43.6707	-11.9667	5003	5047	13	45490	-160	-55
DISC90L1	78 127	218	43.6702	-11.9818	5003	5047	13	45494	-157	-55
DISC90L1	78 127	224	43.6635	-11.9950	5006	5051	13	45492	-156	-54
DISC90L1	78 127	230	43.6562	-12.0082	5007	5051	13	45488	-158	-55
DISC90L1	78 127	236	43.6493	-12.0205	5008	5053	13	45484	-160	-55
DISC90L1	78 127	242	43.6425	-12.0328	5008	5053	13	45480	-162	-54
DISC90L1	78 127	248	43.6360	-12.0445	5013	5058	13	45478	-162	-54
DISC90L1	78 127	254	43.6293	-12.0567	5010	5055	13	45474	-164	-54
DISC90L1	78 127	3 0	43.6228	-12.0687	5011	5055	13	45476	-160	-54
DISC90L1	78 127	3 6	43.6167	-12.0813	5013	5058	13	45480	-154	-54
DISC90L1	78 127	312	43.6108	-12.0935	5013	5058	13	45484	-148	-54
DISC90L1	78 127	318	43.6050	-12.1063	5013	5058	13	45490	-140	-52
DISC90L1	78 127	324	43.5990	-12.1193	5013	5058	13	45498	-130	-51
DISC90L1	78 127	330	43.5932	-12.1318	5013	5058	13	45504	-123	-51
DISC90L1	78 127	336	43.5872	-12.1447	5013	5058	13	45512	-113	-50
DISC90L1	78 127	342	43.5813	-12.1568	5014	5058	13	45518	-105	-49
DISC90L1	78 127	348	43.5757	-12.1695	5014	5058	13	45522	-99	-50
DISC90L1	78 127	354	43.5698	-12.1817	5015	5060	13	45524	-95	-49
DISC90L1	78 127	4 0	43.5638	-12.1940	5017	5062	13	45522	-96	-49
DISC90L1	78 127	4 6	43.5577	-12.2063	5018	5062	13	45518	-98	-48
DISC90L1	78 127	412	43.5517	-12.2187	5018	5062	13	45514	-100	-47
DISC90L1	78 127	418	43.5457	-12.2310	5017	5062	13	45502	-110	-47
DISC90L1	78 127	424	43.5395	-12.2432	5020	5066	13	45490	-120	-44
DISC90L1	78 127	430	43.5333	-12.2557	5026	5071	13	45476	-132	-46
DISC90L1	78 127	436	43.5270	-12.2683	5022	5068	13	45464	-142	-45
DISC90L1	78 127	442	43.5210	-12.2810	5019	5064	13	45456	-148	-45
DISC90L1	78 127	448	43.5148	-12.2937	5019	5064	13	45444	-158	-43
DISC90L1	78 127	454	43.5088	-12.3057	5019	5064	13	45440	-160	-43
DISC90L1	78 127	5 0	43.5028	-12.3175	5019	5064	13	45432	-167	-43
DISC90L1	78 127	5 6	43.4967	-12.3293	5019	5064	13	45428	-169	-42
DISC90L1	78 127	512	43.4902	-12.3420	5019	5064	13	45426	-169	-41
DISC90L1	78 127	518	43.4837	-12.3547	5019	5064	13	45424	-168	-40
DISC90L1	78 127	524	43.4773	-12.3670	5018	5062	13	45426	-164	-42
DISC90L1	78 127	530	43.4710	-12.3792	5018	5062	13	45428	-160	-39
DISC90L1	78 127	536	43.4648	-12.3915	5017	5062	13	45432	-155	-38
DISC90L1	78 127	542	43.4583	-12.4038	5017	5062	13	45438	-147	-38
DISC90L1	78 127	548	43.4520	-12.4160	5017	5062	13	45440	-143	-37
DISC90L1	78 127	554	43.4457	-12.4282	5015	5060	13	45442	-139	-36
DISC90L1	78 127	6 0	43.4395	-12.4403	5015	5060	13	45442	-137	-34
DISC90L1	78 127	6 6	43.4333	-12.4522	5013	5058	13	45440	-137	-33
DISC90L1	78 127	612	43.4270	-12.4645	5010	5055	13	45434	-141	-31
DISC90L1	78 127	618	43.4207	-12.4767	5009	5053	13	45432	-141	-29
DISC90L1	78 127	624	43.4145	-12.4882	5008	5053	13	45428	-143	-25
DISC90L1	78 127	630	43.4080	-12.5007	5006	5051	13	45418	-151	-26
DISC90L1	78 127	636	43.4017	-12.5128	5004	5047	13	45414	-153	-23
DISC90L1	78 127	642	43.3958	-12.5252	5003	5047	13	45406	-159	-22
DISC90L1	78 127	648	43.3898	-12.5377	5003	5047	13	45402	-161	-21
DISC90L1	78 127	654	43.3837	-12.5502	5001	5046	13	45400	-161	-19
DISC90L1	78 127	7 0	43.3773	-12.5632	4998	5042	13	45402	-157	-18
DISC90L1	78 127	7 6	43.3712	-12.5758	4997	5042	13	45406	-151	-18
DISC90L1	78 127	712	43.3650	-12.5887	4997	5042	13	45414	-141	-16
DISC90L1	78 127	718	43.3590	-12.6012	4996	5040	13	45430	-123	-15
DISC90L1	78 127	724	43.3532	-12.6135	4993	5038	13	45442	-110	-13
DISC90L1	78 127	730	43.3472	-12.6262	4992	5037	13	45458	-92	-12
DISC90L1	78 127	736	43.3415	-12.6378	4989	5033	13	45474	-74	-6
DISC90L1	78 127	742	43.3355	-12.6500	4989	5033	13	45488	-58	-9
DISC90L1	78 127	748	43.3303	-12.6612	4987	5031	13	45498	-46	-8
DISC90L1	78 127	754	43.3252	-12.6727	4986	5031	13	45506	-37	-7
DISC90L1	78 127	8 0	43.3195	-12.6848	4977	5020	13	45516	-25	-3
DISC90L1	78 127	8 6	43.3138	-12.6973	4976	5020	13	45524	-15	-3
DISC90L1	78 127	812	43.3087	-12.7092	4973	5016	13	45534	-4	-3
DISC90L1	78 127	818	43.3030	-12.7220	4970	5013	13	45538	1	5
DISC90L1	78 127	824	43.2972	-12.7347	4965	5007	13	45536	1	5
DISC90L1	78 127	830	43.2915	-12.7473	4952	4994	13	45524	-9	5
DISC90L1	78 127	836	43.2853	-12.7602	4934	4976	13	45504	-27	5

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	27 78 127	842	43.2807	-13.7690	4909	4951	13	45490	-39	9
DISC90L1	78 127	848	43.2758	-13.7787	4891	4932	13	45472	-56	7
DISC90L1	78 127	854	43.2712	-13.7883	4881	4921	13	45458	-68	9
DISC90L1	78 127	9 0	43.2668	-13.7972	4867	4907	13	45450	-75	8
DISC90L1	78 127	9 6	43.2623	-13.8063	4852	4892	13	45442	-82	10
DISC90L1	78 127	912	43.2575	-13.8168	4845	4885	13	45436	-86	12
DISC90L1	78 127	918	43.2518	-13.8285	4827	4866	13	45428	-92	13
DISC90L1	78 127	924	43.2458	-13.8407	4819	4857	13	45418	-100	10
DISC90L1	78 127	930	43.2400	-13.8535	4812	4850	13	45412	-105	16
DISC90L1	78 127	936	43.2352	-13.8637	4805	4843	13	45408	-107	13
DISC90L1	78 127	942	43.2308	-13.8745	4789	4826	13	45406	-107	11
DISC90L1	78 127	948	43.2240	-13.8842	4782	4819	13	45406	-106	14
DISC90L1	78 127	954	43.2193	-13.8947	4777	4815	13	45414	-96	15
DISC90L1	78 127	10 0	43.2137	-13.9062	4792	4830	13	45422	-86	17
DISC90L1	78 127	10 6	43.2088	-13.9153	4817	4855	13	45428	-79	13
DISC90L1	78 127	1012	43.2038	-13.9255	4837	4877	13	45436	-69	14
DISC90L1	78 127	1018	43.1993	-13.9340	4844	4883	13	45440	-64	15
DISC90L1	78 127	1024	43.1942	-13.9445	4857	4898	13	45440	-62	10
DISC90L1	78 127	1030	43.1888	-13.9552	4872	4912	13	45440	-61	12
DISC90L1	78 127	1036	43.1933	-13.9658	4893	4934	13	45444	-55	14
DISC90L1	78 127	1042	43.1777	-13.9773	4907	4949	13	45446	-51	10
DISC90L1	78 127	1048	43.1727	-13.9870	4917	4960	13	45448	-48	12
DISC90L1	78 127	1054	43.1675	-13.9972	4930	4973	13	45448	-46	9
DISC90L1	78 127	11 0	43.1620	-14.0077	4933	4974	13	45448	-43	11
DISC90L1	78 127	11 6	43.1567	-14.0177	4944	4987	13	45442	-48	10
DISC90L1	78 127	1112	43.1518	-14.0272	4968	5011	13	45438	-50	11
DISC90L1	78 127	1118	43.1480	-14.0355	4982	5026	13	45432	-55	7
DISC90L1	78 127	1124	43.1433	-14.0455	4990	5033	13	45428	-58	7
DISC90L1	78 127	1130	43.1385	-14.0560	4989	5033	13	45428	-56	5
DISC90L1	78 127	1136	43.1345	-14.0650	4990	5035	13	45426	-57	5
DISC90L1	78 127	1142	43.1300	-14.0748	4997	5042	13	45426	-56	3
DISC90L1	78 127	1148	43.1260	-14.0842	5002	5046	13	45432	-49	5
DISC90L1	78 127	1154	43.1217	-14.0930	5013	5058	13	45440	-39	4
DISC90L1	78 127	12 0	43.1173	-14.1017	5014	5058	13	45446	-32	2
DISC90L1	78 127	12 6	43.1140	-14.1105	5017	5062	13	45458	-19	4
DISC90L1	78 127	1212	43.1152	-14.1203	5013	5058	13	45480	1	1
DISC90L1	78 127	1218	43.1197	-14.1305	4997	5042	13	45508	27	1
DISC90L1	78 127	1224	43.1248	-14.1408	4977	5020	13	45536	52	1
DISC90L1	78 127	1230	43.1300	-14.1500	4931	4973	13	45552	66	3
DISC90L1	78 127	1236	43.1350	-14.1602	4889	4930	13	45566	78	2
DISC90L1	78 127	1242	43.1402	-14.1710	4864	4905	13	45570	79	6
DISC90L1	78 127	1248	43.1455	-14.1820	4887	4927	13	45566	73	3
DISC90L1	78 127	1254	43.1508	-14.1920	4934	4976	13	45562	66	3
DISC90L1	78 127	13 0	43.1553	-14.2018	4897	4938	13	45552	54	0
DISC90L1	78 127	13 6	43.1605	-14.2127	4862	4901	13	45538	38	-4
DISC90L1	78 127	1312	43.1655	-14.2240	4874	4914	13	45522	19	-7
DISC90L1	78 127	1318	43.1707	-14.2347	4912	4954	13	45500	-4	-5
DISC90L1	78 127	1324	43.1760	-14.2457	4951	4994	13	45476	-31	-9
DISC90L1	78 127	1330	43.1812	-14.2575	5169	5219	13	45460	-49	-13
DISC90L1	78 127	1336	43.1863	-14.2692	5232	5285	13	45450	-62	-15
DISC90L1	78 127	1342	43.1907	-14.2798	5232	5285	13	45452	-62	-15
DISC90L1	78 127	1348	43.1950	-14.2903	5232	5285	13	45458	-58	-16
DISC90L1	78 127	1354	43.1993	-14.3012	5234	5287	13	45468	-50	-15
DISC90L1	78 127	14 0	43.2038	-14.3120	5232	5285	13	45474	-47	-17
DISC90L1	78 127	14 6	43.2085	-14.3223	5235	5285	13	45482	-41	-16
DISC90L1	78 127	1412	43.2132	-14.3328	5235	5285	13	45482	-43	-15
DISC90L1	78 127	1418	43.2178	-14.3462	5235	5285	13	45482	-45	-20
DISC90L1	78 127	1424	43.2225	-14.3580	5227	5280	13	45482	-48	-24
DISC90L1	78 127	1430	43.2273	-14.3693	5226	5278	13	45478	-54	-21
DISC90L1	78 127	1436	43.2318	-14.3793	5224	5276	13	45474	-60	
DISC90L1	78 127	1442	43.2367	-14.3895	5227	5280	13	45466	-71	
DISC90L1	78 127	1448	43.2412	-14.4010	5223	5276	13	45458	-81	
DISC90L1	78 127	1454	43.2458	-14.4115	5225	5278	13	45454	-87	-20
DISC90L1	78 127	15 0	43.2503	-14.4228	5224	5276	13	45452	-91	-22
DISC90L1	78 127	15 6	43.2552	-14.4350	5224	5276	13	45446	-100	-20
DISC90L1	78 127	1512	43.2597	-14.4465	5222	5274	13	45440	-108	-21
DISC90L1	78 127	1518	43.2642	-14.4572	5221	5272	13	45432	-118	-21
DISC90L1	78 127	1524	43.2688	-14.4677	5219	5271	13	45416	-136	-21
DISC90L1	78 127	1530	43.2735	-14.4782	5218	5271	13	45410	-145	-22
DISC90L1	78 127	1536	43.2782	-14.4888	5216	5269	13	45398	-159	-22
DISC90L1	78 127	1542	43.2827	-14.4997	5217	5269	13	45396	-163	-20
DISC90L1	78 127	1548	43.2868	-14.5088	5215	5267	13	45396	-165	-17
DISC90L1	78 127	1554	43.2913	-14.5183	5215	5267	13	45398	-165	-21
DISC90L1	78 127	16 0	43.2957	-14.5287	5213	5265	13	45402	-163	-17
DISC90L1	78 127	16 6	45.3002	-14.5393	5213	5265	13	45402	-166	-26
DISC90L1	78 127	1612	45.3047	-14.5495	5213	5265	13	45398	-172	-23
DISC90L1	78 127	1618	45.3090	-14.5595	5213	5265	13	45402	-170	-20
DISC90L1	78 127	1624	45.3135	-14.5692	5211	5263	13	45404	-170	-18
DISC90L1	78 127	1630	45.3177	-14.5785	5194	5245	13	45410	-166	-20
DISC90L1	78 127	1636	43.3218	-14.5875	5173	5223	13	45418	-160	-18
DISC90L1	78 127	1642	43.3260	-14.5972	5165	5214	13	45432	-148	-12
DISC90L1	78 127	1648	43.3302	-14.6060	5168	5218	13	45452	-130	-13
DISC90L1	78 127	1654	43.3343	-14.6148	5182	5232	13	45470	-114	-17
DISC90L1	78 127	17 0	43.3382	-14.6232	5195	5247	13	45480	-106	-11
DISC90L1	78 127	17 6	43.3420	-14.6315	5203	5254	13	45496	-92	-12
DISC90L1	78 127	1712	43.3462	-14.6415	5211	5263	13	45510	-80	-12
DISC90L1	78 127	1718	43.3505	-14.6517	5208	5260	13	45518	-74	-10
DISC90L1	78 127	1724	43.3545	-14.6600	5077	5124	13	45514	-80	-15
DISC90L1	78 127	1730	43.3590	-14.6693	5067	5113	13	45506	-90	-10
DISC90L1	78 127	1736	43.3632	-14.6787	4893	4934	13	45490	-108	-4
DISC90L1	78 127	1742	43.3673	-14.6888	4768	4804	13	45474	-126	-5
DISC90L1	78 127	1748	43.3717	-14.6985	4777	4815	13	45460	-142	-4
DISC90L1	78 127	1754	43.3760	-14.7072	4912	4954	13	45446	-158	-2

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 127	18 0	43.3800	-13.7155	4878	4919	13	45436	-170	3
DISC90L1	78 127	18 6	43.3838	-13.7245	4812	4850	13	45432	-176	5
DISC90L1	78 127	1812	43.3882	-13.7342	4787	4824	13	45434	-176	0
DISC90L1	78 127	1818	43.3920	-13.7425	4757	4795	13	45436	-176	4
DISC90L1	78 127	1824	43.3958	-13.7520	4745	4782	13	45444	-170	5
DISC90L1	78 127	1830	43.4000	-13.7625	4736	4771	13	45456	-160	1
DISC90L1	78 127	1836	43.4040	-13.7705	4737	4775	13	45466	-152	7
DISC90L1	78 127	1842	43.4067	-13.7802	4737	4773	13	45486	-135	6
DISC90L1	78 127	1848	43.4097	-13.7907	4752	4790	13	45510	-111	6
DISC90L1	78 127	1854	43.4123	-13.8000	4792	4830	13	45526	-96	4
DISC90L1	78 127	19 0	43.4148	-13.8088	4857	4898	13	45538	-85	8
DISC90L1	78 127	19 6	43.4172	-13.8172	4883	4923	13	45552	-73	11
DISC90L1	78 127	1912	43.4197	-13.8265	4912	4954	13	45566	-60	9
DISC90L1	78 127	1918	43.4218	-13.8348	4917	4960	13	45572	-55	14
DISC90L1	78 127	1924	43.4240	-13.8440	4902	4943	13	45578	-51	18
DISC90L1	78 127	1930	43.4267	-13.8540	4877	4918	13	45578	-52	19
DISC90L1	78 127	1936	43.4290	-13.8635	4763	4799	13	45574	-57	17
DISC90L1	78 127	1942	43.4312	-13.8718	4735	4771	13	45568	-64	13
DISC90L1	78 127	1948	43.4333	-13.8810	4723	4759	13	45562	-72	16
DISC90L1	78 127	1954	43.4353	-13.8910	4717	4753	13	45554	-81	19
DISC90L1	78 127	20 0	43.4375	-13.9008	4677	4713	13	45552	-84	20
DISC90L1	78 127	20 6	43.4398	-13.9115	4608	4640	13	45550	-88	19
DISC90L1	78 127	2012	43.4422	-13.9222	4528	4559	13	45540	-99	22
DISC90L1	78 127	2018	43.4445	-13.9318	4487	4517	13	45540	-100	
DISC90L1	78 127	2024	43.4467	-13.9412	4457	4486	13	45538	-103	
DISC90L1	78 127	2030	43.4493	-13.9507	4437	4466	13	45536	-107	
DISC90L1	78 127	2036	43.4515	-13.9587	4422	4449	13	45530	-114	
DISC90L1	78 127	2042	43.4540	-13.9680	4387	4415	13	45520	-125	
DISC90L1	78 127	2048	43.4567	-13.9767	4432	4460	13	45508	-139	
DISC90L1	78 127	2054	43.4592	-13.9857	4507	4537	13	45500	-148	
DISC90L1	78 127	21 0	43.4613	-13.9928	4487	4517	13	45496	-153	
DISC90L1	78 127	21 6	43.4637	-14.0008	4544	4576	13	45496	-154	
DISC90L1	78 127	2112	43.4668	-14.0067	4637	4671	13	45498	-154	
DISC90L1	78 127	2118	43.4692	-14.0107	4707	4742	13	45500	-153	
DISC90L1	78 127	2124	43.4693	-14.0065	4629	4662	13	45498	-155	
DISC90L1	78 127	2130	43.4717	-14.0043	4614	4647	13	45498	-156	
DISC90L1	78 127	2136	43.4748	-14.0092	4609	4641	13	45500	-155	
DISC90L1	78 127	2142	43.4765	-14.0153	4643	4676	13			
DISC90L1	78 127	2148	43.4790	-14.0220	4675	4709	13			
DISC90L1	78 127	2154	43.4818	-14.0288	4669	4704	13			20
DISC90L1	78 127	22 0	43.4847	-14.0355	4672	4707	13			18
DISC90L1	78 127	22 6	43.4870	-14.0398	4672	4707	13			16
DISC90L1	78 127	2212	43.4895	-14.0453	4667	4702	13			17
DISC90L1	78 127	2218	43.4922	-14.0498	4660	4695	13			15
DISC90L1	78 127	2224	43.4947	-14.0545	4643	4676	13			18
DISC90L1	78 127	2230	43.4975	-14.0602	4637	4671	13			14
DISC90L1	78 127	2236	43.5005	-14.0653	4632	4665	13			16
DISC90L1	78 127	2242	43.5033	-14.0702	4627	4660	13			18
DISC90L1	78 127	2248	43.5073	-14.0743	4634	4667	13			16
DISC90L1	78 127	2254	43.5112	-14.0792	4648	4682	13			15
DISC90L1	78 127	23 0	43.5143	-14.0847	4659	4693	13			15
DISC90L1	78 127	23 6	43.5177	-14.0888	4672	4707	13			19
DISC90L1	78 127	2312	43.5207	-14.0922	4678	4713	13			16
DISC90L1	78 127	2318	43.5240	-14.0962	4687	4722	13			18
DISC90L1	78 127	2324	43.5275	-14.1002	4689	4724	13			16
DISC90L1	78 127	2330	43.5312	-14.1040	4697	4733	13			16
DISC90L1	78 127	2336	43.5348	-14.1083	4697	4733	13			16
DISC90L1	78 127	2342	43.5382	-14.1122	4688	4722	13			13
DISC90L1	78 127	2348	43.5418	-14.1157	4672	4707	13			14
DISC90L1	78 127	2354	43.5455	-14.1198	4672	4707	13			14
DISC90L1	28 78 128	0 0	43.5493	-14.1238						15
DISC90L1	78 128	0 6	43.5530	-14.1275	4683	4716	13			19
DISC90L1	78 128	012	43.5567	-14.1290	4688	4722	13			15
DISC90L1	78 128	018	43.5603	-14.1322	4694	4729	13			17
DISC90L1	78 128	024	43.5640	-14.1355	4702	4737	13			17
DISC90L1	78 128	030	43.5678	-14.1378	4707	4742	13			19
DISC90L1	78 128	036	43.5715	-14.1395	4717	4753	13			19
DISC90L1	78 128	042	43.5757	-14.1415	4728	4764	13			11
DISC90L1	78 128	048	43.5796	-14.1438	4737	4773	13			13
DISC90L1	78 128	054	43.5830	-14.1470	4747	4784	13			16
DISC90L1	78 128	1 0	43.5857	-14.1516	4752	4790	13			15
DISC90L1	78 128	1 6	43.5878	-14.1563	4757	4795	13			16
DISC90L1	78 128	112	43.5883	-14.1605	4763	4799	13			15
DISC90L1	78 128	118	43.5890	-14.1650	4768	4804	13			15
DISC90L1	78 128	124	43.5897	-14.1698	4772	4810	13			15
DISC90L1	78 128	130	43.5895	-14.1740	4775	4812	13			15
DISC90L1	78 128	136	43.5900	-14.1790	4777	4815	13			13
DISC90L1	78 128	142	43.5897	-14.1842	4777	4815	13			16
DISC90L1	78 128	148	43.5895	-14.1900	4782	4819	13			17
DISC90L1	78 128	154	43.5903	-14.1967	4787	4824	13			16
DISC90L1	78 128	2 0	43.5922	-14.2030	4792	4830	13			18
DISC90L1	78 128	2 6	43.5930	-14.2085	4792	4830	13			16
DISC90L1	78 128	212	43.5945	-14.2143	4797	4835	13			15
DISC90L1	78 128	218	43.5962	-14.2208	4797	4835	13			16
DISC90L1	78 128	224	43.5982	-14.2265	4797	4835	13			18
DISC90L1	78 128	230	43.6002	-14.2333	4795	4834	13			17
DISC90L1	78 128	236	43.6022	-14.2413	4785	4823	13			19
DISC90L1	78 128	242	43.6043	-14.2482	4655	4689	13			19
DISC90L1	78 128	248	43.6065	-14.2542	4623	4656	13			21
DISC90L1	78 128	254	43.6083	-14.2607	4350	4376	13			22
DISC90L1	78 128	3 0	43.6102	-14.2673	4347	4373	13			18
DISC90L1	78 128	3 6	43.6120	-14.2738	4401	4428	13			19
DISC90L1	78 128	312	43.6140	-14.2812	4457	4486	13			22

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	28 78 128	318	43.6158	-14.2873	4547	4577	13			25
DISC90L1	78 128	324	43.6175	-14.2933	4681	4715	13			23
DISC90L1	78 128	330	43.6193	-14.3000	4648	4682	13			25
DISC90L1	78 128	336	43.6212	-14.3063	4652	4685	13			21
DISC90L1	78 128	342	43.6228	-14.3127	4648	4682	13			19
DISC90L1	78 128	348	43.6250	-14.3200	4467	4497	13			21
DISC90L1	78 128	354	43.6273	-14.3265	4432	4460	13			18
DISC90L1	78 128	4 0	43.6293	-14.3332	4397	4426	13			
DISC90L1	78 128	4 6	43.6310	-14.3392	4403	4429	13			19
DISC90L1	78 128	412	43.6320	-14.3440	4432	4460	13			25
DISC90L1	78 128	418	43.6332	-14.3485	4467	4497	13			20
DISC90L1	78 128	424	43.6345	-14.3527	4592	4625	13			20
DISC90L1	78 128	430	43.6357	-14.3573	4608	4640	13			20
DISC90L1	78 128	436	43.6380	-14.3608	4603	4636	13			20
DISC90L1	78 128	442	43.6403	-14.3643	4603	4636	13			18
DISC90L1	78 128	448	43.6420	-14.3695	4598	4631	13			19
DISC90L1	78 128	454	43.6433	-14.3737	4594	4627	13			20
DISC90L1	78 128	5 0	43.6447	-14.3785	4594	4627	13			22
DISC90L1	78 128	5 6	43.6462	-14.3832	4597	4631	13			21
DISC90L1	78 128	512	43.6477	-14.3880	4608	4640	13			19
DISC90L1	78 128	518	43.6490	-14.3930	4627	4660	13			18
DISC90L1	78 128	524	43.6505	-14.3977	4643	4676	13			16
DISC90L1	78 128	530	43.6513	-14.4030	4641	4674	13			18
DISC90L1	78 128	536	43.6525	-14.4082	4648	4682	13			16
DISC90L1	78 128	542	43.6530	-14.4122	4657	4691	13			16
DISC90L1	78 128	548	43.6543	-14.4177	4803	4841	13			12
DISC90L1	78 128	554	43.6555	-14.4227	4808	4846	13			14
DISC90L1	78 128	6 0	43.6563	-14.4277	4792	4830	13			14
DISC90L1	78 128	6 6	43.6568	-14.4328	4775	4812	13			18
DISC90L1	78 128	612	43.6583	-14.4378	4768	4804	13			13
DISC90L1	78 128	618	43.6602	-14.4432	4764	4801	13			
DISC90L1	78 128	624	43.6618	-14.4478	4764	4801	13			
DISC90L1	78 128	630	43.6638	-14.4527	4772	4810	13			14
DISC90L1	78 128	636	43.6652	-14.4575	4785	4823	13			16
DISC90L1	78 128	642	43.6665	-14.4620	4792	4830	13			14
DISC90L1	78 128	648	43.6680	-14.4663	4805	4843	13			18
DISC90L1	78 128	654	43.6690	-14.4713	4808	4846	13			12
DISC90L1	78 128	7 0	43.6702	-14.4762	4808	4846	13			13
DISC90L1	78 128	7 6	43.6712	-14.4812	4812	4850	13			15
DISC90L1	78 128	712	43.6727	-14.4860	4817	4855	13			13
DISC90L1	78 128	718	43.6738	-14.4907	4817	4855	13			13
DISC90L1	78 128	724	43.6750	-14.4950	4813	4852	13			14
DISC90L1	78 128	730	43.6767	-14.5008	4717	4753	13			19
DISC90L1	78 128	736	43.6782	-14.5060	4692	4727	13			15
DISC90L1	78 128	742	43.6797	-14.5105	4654	4687	13			16
DISC90L1	78 128	748	43.6818	-14.5152	4617	4651	13			14
DISC90L1	78 128	754	43.6842	-14.5203	4587	4620	13			16
DISC90L1	78 128	8 0	43.6863	-14.5260	4597	4631	13			16
DISC90L1	78 128	8 6	43.6885	-14.5308	4637	4671	13			11
DISC90L1	78 128	812	43.6903	-14.5353	4672	4707	13			11
DISC90L1	78 128	818	43.6933	-14.5417	4675	4709	13			15
DISC90L1	78 128	824	43.6956	-14.5473	4677	4713	13			18
DISC90L1	78 128	830	43.6987	-14.5547	4627	4660	13			13
DISC90L1	78 128	836	43.7015	-14.5610	4589	4621	13			13
DISC90L1	78 128	842	43.7043	-14.5672	4537	4568	13			12
DISC90L1	78 128	848	43.7068	-14.5728	4510	4541	13			14
DISC90L1	78 128	854	43.7090	-14.5783	4532	4563	13			10
DISC90L1	78 128	9 0	43.7112	-14.5838	4617	4651	13			8
DISC90L1	78 128	9 6	43.7137	-14.5897	4742	4779	13			10
DISC90L1	78 128	912	43.7158	-14.5955	4904	4945	13			7
DISC90L1	78 128	918	43.7183	-14.6027	4950	4993	13			4
DISC90L1	78 128	924	43.7210	-14.6112	4989	5033	13			7
DISC90L1	78 128	930	43.7237	-14.6202	4975	5018	13			7
DISC90L1	78 128	936	43.7268	-14.6303	4907	4949	13			-3
DISC90L1	78 128	942	43.7302	-14.6402	4848	4887	13			-5
DISC90L1	78 128	948	43.7333	-14.6495	4812	4850	13			-4
DISC90L1	78 128	954	43.7362	-14.6583	5203	5254	13			-4
DISC90L1	78 128	10 0	43.7392	-14.6672	5208	5260	13			-3
DISC90L1	78 128	10 6	43.7417	-14.6755	5203	5254	13			-6
DISC90L1	78 128	1012	43.7443	-14.6847	5198	5250	13			-9
DISC90L1	78 128	1018	43.7458	-14.6933	5196	5247	13			-7
DISC90L1	78 128	1024	43.7478	-14.7025	5197	5249	13			-8
DISC90L1	78 128	1030	43.7502	-14.7123	5198	5250	13			-4
DISC90L1	78 128	1036	43.7520	-14.7218	5199	5250	13			-6
DISC90L1	78 128	1042	43.7550	-14.7322	5187	5238	13			-10
DISC90L1	78 128	1048	43.7582	-14.7422	5149	5199	13			-6
DISC90L1	78 128	1054	43.7613	-14.7522	5123	5172	13			-2
DISC90L1	78 128	11 0	43.7640	-14.7610	5029	5075	13			-1
DISC90L1	78 128	11 6	43.7670	-14.7702	4957	5000	13			4
DISC90L1	78 128	1112	43.7703	-14.7792	4772	4810	13			5
DISC90L1	78 128	1118	43.7737	-14.7890	4552	4583	13			7
DISC90L1	78 128	1124	43.7762	-14.7972	4472	4501	13			12
DISC90L1	78 128	1130	43.7787	-14.8052	4432	4460	13			16
DISC90L1	78 128	1136	43.7815	-14.8128	4397	4426	13			11
DISC90L1	78 128	1142	43.7840	-14.8212	4377	4404	13			17
DISC90L1	78 128	1148	43.7867	-14.8293	4348	4374	13			18
DISC90L1	78 128	1154	43.7892	-14.8380	4317	4343	13			20
DISC90L1	78 128	12 0	43.7920	-14.8467	4333	4358	13			22
DISC90L1	78 128	12 6	43.7948	-14.8557	4332	4358	13			22
DISC90L1	78 128	1212	43.7978	-14.8660	4337	4364	13			21
DISC90L1	78 128	1218	43.8007	-14.8755	4345	4371	13			23
DISC90L1	78 128	1224	43.8032	-14.8847	4387	4415	13			22
DISC90L1	78 128	1230	43.8062	-14.8952	4472	4501	13			21

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 128	1236	43.8085	-14.9038	4494	4524	13			25
DISC90L1	78 128	1242	43.8110	-14.9130	4592	4625	13			15
DISC90L1	78 128	1248	43.8137	-14.9232	4610	4643	13			22
DISC90L1	78 128	1254	43.8170	-14.9335	4579	4610	13			24
DISC90L1	78 128	13 0	43.8202	-14.9435	4557	4588	13			25
DISC90L1	78 128	13 6	43.8225	-14.9525	4528	4559	13			26
DISC90L1	78 128	1312	43.8253	-14.9628	4467	4497	13			30
DISC90L1	78 128	1318	43.8280	-14.9720	4097	4118	13			28
DISC90L1	78 128	1324	43.8310	-14.9817	4077	4098	13			22
DISC90L1	78 128	1330	43.8342	-14.9920	4187	4210	13			28
DISC90L1	78 128	1336	43.8372	-15.0027	4323	4349	13			29
DISC90L1	78 128	1342	43.8403	-15.0128	4467	4497	13			26
DISC90L1	78 128	1348	43.8433	-15.0230	4542	4574	13			23
DISC90L1	78 128	1354	43.8458	-15.0327	4427	4455	13			23
DISC90L1	78 128	14 0	43.8483	-15.0422	4412	4440	13			27
DISC90L1	78 128	14 6	43.8513	-15.0525	4438	4468	13			27
DISC90L1	78 128	1412	43.8547	-15.0640	4603	4636	13			27
DISC90L1	78 128	1418	43.8583	-15.0742	4557	4588	13			26
DISC90L1	78 128	1424	43.8615	-15.0848	4569	4601	13			26
DISC90L1	78 128	1430	43.8645	-15.0952	4579	4610	13			23
DISC90L1	78 128	1436	43.8682	-15.1063	4557	4588	13			26
DISC90L1	78 128	1442	43.8713	-15.1175	4568	4599	13			27
DISC90L1	78 128	1448	43.8748	-15.1288	4559	4590	13			22
DISC90L1	78 128	1454	43.8785	-15.1407	4561	4592	13			26
DISC90L1	78 128	15 0	43.8825	-15.1528	4422	4449	13			21
DISC90L1	78 128	15 6	43.8860	-15.1633	4412	4440	13			22
DISC90L1	78 128	1512	43.8902	-15.1758	4407	4435	13			23
DISC90L1	78 128	1518	43.8938	-15.1875	4332	4358	13			
DISC90L1	78 128	1524	43.9018	-15.1890	4382	4409	13			24
DISC90L1	78 128	1530	43.9075	-15.1767	4498	4526	13			25
DISC90L1	78 128	1536	43.9113	-15.1657	4597	4631	13			21
DISC90L1	78 128	1542	43.9150	-15.1555	4664	4698	13			19
DISC90L1	78 128	1548	43.9185	-15.1457	4664	4698	13			
DISC90L1	78 128	1554	43.9220	-15.1357	4677	4713	13			
DISC90L1	78 128	16 0	43.9255	-15.1255	4672	4707	13			
DISC90L1	78 128	16 6	43.9292	-15.1153	4637	4671	13			
DISC90L1	78 128	1612	43.9328	-15.1052	4632	4665	13			
DISC90L1	78 128	1618	43.9363	-15.0952	4639	4673	13			12
DISC90L1	78 128	1624	43.9397	-15.0855	4648	4682	13			13
DISC90L1	78 128	1630	43.9430	-15.0752	4676	4711	13			13
DISC90L1	78 128	1636	43.9453	-15.0667	4712	4748	13			11
DISC90L1	78 128	1642	43.9427	-15.0582	4730	4766	13			
DISC90L1	78 128	1648	43.9377	-15.0568	4728	4764	13			
DISC90L1	78 128	1654	43.9333	-15.0570	4717	4753	13			
DISC90L1	78 128	17 0	43.9277	-15.0575	4702	4737	13			
DISC90L1	78 128	17 6	43.9198	-15.0537	4688	4722	13			
DISC90L1	78 128	1712	43.9128	-15.0465	4677	4713	13			
DISC90L1	78 128	1718	43.9092	-15.0352	4688	4722	13			
DISC90L1	78 128	1724	43.9102	-15.0202	4736	4771	13			
DISC90L1	78 128	1730	43.9153	-15.0060	4761	4797	13			
DISC90L1	78 128	1736	43.9207	-14.9922	4779	4817	13			
DISC90L1	78 128	1742	43.9257	-14.9790	4797	4835	13			
DISC90L1	78 128	1748	43.9308	-14.9653	4757	4795	13			
DISC90L1	78 128	1754	43.9360	-14.9517	4698	4733	13			8
DISC90L1	78 128	18 0	43.9412	-14.9378	4763	4799	13			7
DISC90L1	78 128	18 6	43.9463	-14.9240	4789	4826	13			7
DISC90L1	78 128	1812	43.9517	-14.9098	4628	4866	13			5
DISC90L1	78 128	1818	43.9572	-14.8958	4863	4903	13			4
DISC90L1	78 128	1824	43.9623	-14.8822	4868	4922	13			2
DISC90L1	78 128	1830	43.9677	-14.8683	4923	4965	13			4
DISC90L1	78 128	1836	43.9728	-14.8545	4947	4991	13			4
DISC90L1	78 128	1842	43.9780	-14.8407	4952	4994	13			6
DISC90L1	78 128	1848	43.9832	-14.8270	4852	4892	13			2
DISC90L1	78 128	1854	43.9883	-14.8135	4897	4938	13			5
DISC90L1	78 128	19 0	43.9933	-14.7997	5022	5068	13			-1
DISC90L1	78 128	19 6	43.9985	-14.7860	4997	5042	13			2
DISC90L1	78 128	1912	44.0038	-14.7720	4982	5026	13			3
DISC90L1	78 128	1918	44.0090	-14.7580	4987	5031	13			6
DISC90L1	78 128	1924	44.0142	-14.7442	4992	5037	13			5
DISC90L1	78 128	1930	44.0192	-14.7305	5005	5049	13			
DISC90L1	78 128	1936	44.0243	-14.7168	5013	5058	13			
DISC90L1	78 128	1942	44.0295	-14.7033	4982	5026	13			
DISC90L1	78 128	1948	44.0350	-14.6895	4968	5011	13			
DISC90L1	78 128	1954	44.0402	-14.6758	4909	4951	13			
DISC90L1	78 128	20 0	44.0457	-14.6620	4758	4795	13			11
DISC90L1	78 128	20 6	44.0510	-14.6480	4614	4647	13			15
DISC90L1	78 128	2012	44.0562	-14.6340	4543	4574	13			18
DISC90L1	78 128	2018	44.0612	-14.6202	4497	4526	13			19
DISC90L1	78 128	2024	44.0662	-14.6063	4462	4492	13			22
DISC90L1	78 128	2030	44.0715	-14.5922	4422	4449	13			24
DISC90L1	78 128	2036	44.0770	-14.5778	4342	4369	13			29
DISC90L1	78 128	2042	44.0823	-14.5637	4346	4373	13			30
DISC90L1	78 128	2048	44.0875	-14.5497	4328	4354	13			
DISC90L1	78 128	2054	44.0925	-14.5357	4321	4347	13			
DISC90L1	78 128	21 0	44.0978	-14.5213	4319	4345	13			33
DISC90L1	78 128	21 6	44.1030	-14.5073	4412	4440	13			34
DISC90L1	78 128	2112	44.1083	-14.4930	4478	4508	13			35
DISC90L1	78 128	2118	44.1130	-14.4788	4483	4512	13			
DISC90L1	78 128	2124	44.1175	-14.4647	4483	4512	13			
DISC90L1	78 128	2130	44.1220	-14.4503	4482	4512	13			37
DISC90L1	78 128	2136	44.1263	-14.4360	4476	4506	13			
DISC90L1	78 128	2142	44.1310	-14.4215	4462	4492	13			
DISC90L1	78 128	2148	44.1357	-14.4068	4436	4464	13			40

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 128	2154	44.1405	-14.3923	4339	4365	13			40
DISC90L1	78 128	22 0	44.1452	-14.3777	4182	4204	13			51
DISC90L1	78 128	22 6	44.1460	-14.3615	4168	4190	13			58
DISC90L1	78 128	2212	44.1408	-14.3460	4052	4073	13			58
DISC90L1	78 128	2218	44.1357	-14.3328	3987	4007	13			64
DISC90L1	78 128	2224	44.1305	-14.3202	3987	4007	13			64
DISC90L1	78 128	2230	44.1250	-14.3067	3820	3837	13			66
DISC90L1	78 128	2236	44.1197	-14.2933	3867	3884	13			67
DISC90L1	78 128	2242	44.1143	-14.2802	3887	3904	13			68
DISC90L1	78 128	2248	44.1090	-14.2670	4032	4053	13			71
DISC90L1	78 128	2254	44.1037	-14.2538	4033	4053	13			73
DISC90L1	78 128	23 0	44.0983	-14.2407	4031	4051	13			75
DISC90L1	78 128	23 6	44.0925	-14.2265	4002	4022	13	45764	-141	79
DISC90L1	78 128	2312	44.0865	-14.2118	3952	3970	13	45746	-156	79
DISC90L1	78 128	2318	44.0808	-14.1977	3592	3605	13	45782	-117	82
DISC90L1	78 128	2324	44.0747	-14.1827	3548	3561	13	45856	-40	83
DISC90L1	78 128	2330	44.0685	-14.1678	3647	3659	13	45904	10	84
DISC90L1	78 128	2336	44.0623	-14.1528	3694	3709	13	45882	-8	86
DISC90L1	78 128	2342	44.0563	-14.1380	3722	3736	13	45804	-83	89
DISC90L1	78 128	2348	44.0502	-14.1232	3712	3727	13	45718	-166	90
DISC90L1	78 128	2354	44.0440	-14.1085	3412	3422	13	45666	-215	88
DISC90L1 29	78 129	0 0	44.0370	-14.0940	3425	3436	13	45670	-208	88
DISC90L1	78 129	0 6	44.0307	-14.0793	3552	3564	13	45724	-150	86
DISC90L1	78 129	012	44.0245	-14.0652	3749	3764	13	45810	-61	86
DISC90L1	78 129	018	44.0182	-14.0505	3761	3776	13	45862	-6	83
DISC90L1	78 129	024	44.0120	-14.0362	3775	3791	13	45858	-7	85
DISC90L1	78 129	030	44.0058	-14.0217	3781	3797	13	45830	-32	84
DISC90L1	78 129	036	43.9995	-14.0068	3662	3676	13	45830	-30	83
DISC90L1	78 129	042	43.9933	-13.9925	3756	3771	13	45876	19	83
DISC90L1	78 129	048	43.9872	-13.9782	3876	3894	13	45904	50	83
DISC90L1	78 129	054	43.9810	-13.9635	3890	3906	13	45900	49	82
DISC90L1	78 129	1 0	43.9747	-13.9488	3902	3919	13	45880	32	80
DISC90L1	78 129	1 6	43.9687	-13.9340	3895	3912	13	45864	19	80
DISC90L1	78 129	112	43.9623	-13.9192	3852	3868	13	45852	10	78
DISC90L1	78 129	118	43.9562	-13.9047	3798	3815	13	45824	-14	78
DISC90L1	78 129	124	43.9498	-13.8897	3777	3793	13	45780	-55	78
DISC90L1	78 129	130	43.9437	-13.8750	3798	3815	13	45736	-96	78
DISC90L1	78 129	136	43.9373	-13.8600	3910	3928	13	45708	-121	77
DISC90L1	78 129	142	43.9310	-13.8453	4042	4062	13	45710	-115	75
DISC90L1	78 129	148	43.9250	-13.8307	4052	4073	13	45722	-100	72
DISC90L1	78 129	154	43.9190	-13.8157	4075	4097	13	45736	-84	72
DISC90L1	78 129	2 0	43.9130	-13.8007	4114	4135	13	45744	-73	71
DISC90L1	78 129	2 6	43.9070	-13.7857	4116	4139	13	45750	-64	71
DISC90L1	78 129	212	43.9008	-13.7708	4087	4107	13	45748	-63	71
DISC90L1	78 129	218	43.8948	-13.7560	4092	4113	13	45738	-70	70
DISC90L1	78 129	224	43.8888	-13.7413	4092	4113	13	45706	-99	71
DISC90L1	78 129	230	43.8828	-13.7270	3912	3930	13	45678	-124	72
DISC90L1	78 129	236	43.8768	-13.7122	3805	3817	13	45680	-119	74
DISC90L1	78 129	242	43.8705	-13.6973	3895	3912	13	45706	-90	75
DISC90L1	78 129	248	43.8640	-13.6822	3921	3939	13	45730	-63	75
DISC90L1	78 129	254	43.8577	-13.6672	3914	3932	13	45728	-61	75
DISC90L1	78 129	3 0	43.8512	-13.6518	3915	3934	13	45726	-60	75
DISC90L1	78 129	3 6	43.8447	-13.6365	3941	3959	13	45726	-57	73
DISC90L1	78 129	312	43.8383	-13.6215	3956	3974	13	45738	-42	72
DISC90L1	78 129	318	43.8320	-13.6065	3997	4016	13	45744	-33	71
DISC90L1	78 129	324	43.8255	-13.5915	4022	4042	13	45730	-44	68
DISC90L1	78 129	330	43.8188	-13.5758	4052	4073	13	45688	-82	69
DISC90L1	78 129	336	43.8123	-13.5603	4072	4093	13	45648	-119	67
DISC90L1	78 129	342	43.8057	-13.5448	4077	4098	13	45628	-136	69
DISC90L1	78 129	348	43.8002	-13.5323	4072	4093	13	45628	-133	66
DISC90L1	78 129	354	43.7953	-13.5223	4077	4098	13			66
DISC90L1	78 129	4 0	43.7903	-13.5127	4092	4113	13			65
DISC90L1	78 129	4 6	43.7855	-13.5030	4127	4148	13			65
DISC90L1	78 129	412	43.7808	-13.4928	4152	4175	13			62
DISC90L1	78 129	418	43.7760	-13.4823	4177	4199	13			62
DISC90L1	78 129	424	43.7733	-13.4713	4198	4221	13			63
DISC90L1	78 129	430	43.7745	-13.4618	4203	4226	13			60
DISC90L1	78 129	436	43.7758	-13.4523	4201	4223	13			60
DISC90L1	78 129	442	43.7735	-13.4417	4177	4199	13			60
DISC90L1	78 129	448	43.7668	-13.4333	4141	4162	13			62
DISC90L1	78 129	454	43.7578	-13.4303	4090	4111	13			60
DISC90L1	78 129	5 0	43.7495	-13.4335	4039	4060	13			61
DISC90L1	78 129	5 6	43.7433	-13.4407	4052	4073	13			60
DISC90L1	78 129	512	43.7407	-13.4493	4076	4097	13			60
DISC90L1	78 129	518	43.7413	-13.4572	4100	4120	13			64
DISC90L1	78 129	524	43.7450	-13.4683	4137	4159	13			60
DISC90L1	78 129	530	43.7498	-13.4827	4156	4179	13			61
DISC90L1	78 129	536	43.7547	-13.4968	4132	4153	13			61
DISC90L1	78 129	542	43.7593	-13.5103	4116	4139	13			63
DISC90L1	78 129	548	43.7640	-13.5242	4107	4128	13			61
DISC90L1	78 129	554	43.7687	-13.5380	4058	4078	13			63
DISC90L1	78 129	6 0	43.7733	-13.5522	4044	4064	13			64
DISC90L1	78 129	6 6	43.7783	-13.5667	4072	4093	13			64
DISC90L1	78 129	612	43.7850	-13.5768	4088	4109	13			65
DISC90L1	78 129	618	43.7915	-13.5823	4097	4118	13			65
DISC90L1	78 129	624	43.7982	-13.5878	4097	4118	13			65
DISC90L1	78 129	630	43.8043	-13.5930	4084	4104	13			63
DISC90L1	78 129	636	43.8105	-13.5988	4062	4082	13			67
DISC90L1	78 129	642	43.8170	-13.6047	4038	4058	13			65
DISC90L1	78 129	648	43.8233	-13.6102	4017	4036	13			67
DISC90L1	78 129	654	43.8298	-13.6162	4002	4022	13			69
DISC90L1	78 129	7 0	43.8360	-13.6217	3968	3987	13			67
DISC90L1	78 129	7 6	43.8425	-13.6273	3942	3959	13			68

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 129	712	43.8490	-13.6330	3922	3939	13			69
DISC90L1	78 129	718	43.8553	-13.6387	3902	3919	13			69
DISC90L1	78 129	724	43.8618	-13.6445	3877	3895	13			70
DISC90L1	78 129	730	43.8687	-13.6507	3832	3848	13			69
DISC90L1	78 129	736	43.8758	-13.6528	3842	3859	13			76
DISC90L1	78 129	742	43.8777	-13.6428	3837	3853	13			78
DISC90L1	78 129	748	43.8703	-13.6360	3852	3868	13			74
DISC90L1	78 129	754	43.8630	-13.6305	3882	3899	13			74
DISC90L1	78 129	8 0	43.8560	-13.6255	3907	3925	13			73
DISC90L1	78 129	8 6	43.8492	-13.6203	3932	3950	13			72
DISC90L1	78 129	812	43.8422	-13.6152	3962	3979	13			72
DISC90L1	78 129	818	43.8353	-13.6100	3987	4007	13			71
DISC90L1	78 129	824	43.8283	-13.6042	3997	4016	13			71
DISC90L1	78 129	830	43.8212	-13.6003	4019	4038	13			69
DISC90L1	78 129	836	43.8140	-13.5967	4047	4067	13			70
DISC90L1	78 129	842	43.8067	-13.5927	4075	4097	13			71
DISC90L1	78 129	848	43.7995	-13.5937	4087	4107	13			66
DISC90L1	78 129	854	43.7990	-13.6032	4082	4102	13			69
DISC90L1	78 129	9 0	43.8050	-13.6068	4059	4080	13			73
DISC90L1	78 129	9 6	43.8123	-13.6062	4047	4067	13			68
DISC90L1	78 129	912	43.8202	-13.6055	4024	4043	13			66
DISC90L1	78 129	918	43.8287	-13.6048	3997	4016	13			69
DISC90L1	78 129	924	43.8362	-13.6042	3979	3998	13			69
DISC90L1	78 129	930	43.8472	-13.6075	3957	3976	13			65
DISC90L1	78 129	936	43.8450	-13.6200	3937	3956	13			64
DISC90L1	78 129	942	43.8327	-13.6232	3975	3994	13			72
DISC90L1	78 129	948	43.8198	-13.6237	4019	4038	13			70
DISC90L1	78 129	954	43.8087	-13.6238	4062	4082	13			66
DISC90L1	78 129	10 0	43.8003	-13.6153	4082	4102	13			72
DISC90L1	78 129	10 6	43.7940	-13.6018	4102	4124	13			69
DISC90L1	78 129	1012	43.7880	-13.5885	4097	4118	13			68
DISC90L1	78 129	1018	43.7900	-13.5765	4089	4109	13			71
DISC90L1	78 129	1024	43.7978	-13.5770	4087	4107	13			64
DISC90L1	78 129	1030	43.8023	-13.5788	4082	4102	13			66
DISC90L1	78 129	1036	43.8065	-13.5790	4077	4098	13			67
DISC90L1	78 129	1042	43.8105	-13.5802	4072	4093	13			65
DISC90L1	78 129	1048	43.8102	-13.5865	4074	4095	13			63
DISC90L1	78 129	1054	43.8040	-13.5877	4085	4106	13			67
DISC90L1	78 129	11 0	43.8003	-13.5810	4092	4113	13			73
DISC90L1	78 129	11 6	43.8035	-13.5777	4082	4102	13			64
DISC90L1	78 129	1112	43.8087	-13.5788	4079	4100	13			66
DISC90L1	78 129	1118	43.8095	-13.5868	4074	4095	13			
DISC90L1	78 129	1124	43.8027	-13.5857	4087	4107	13			
DISC90L1	78 129	1130	43.8028	-13.5793	4084	4104	13			
DISC90L1	78 129	1136	43.8067	-13.5768	4081	4102	13			
DISC90L1	78 129	1142	43.8112	-13.5760	4074	4095	13			
DISC90L1	78 129	1148	43.8155	-13.5753	4067	4087	13			
DISC90L1	78 129	1154	43.8200	-13.5745	4060	4080	13			65
DISC90L1	78 129	12 0	43.8245	-13.5737	4053	4073	13			65
DISC90L1	78 129	12 6	43.8282	-13.5680	4057	4076	13			69
DISC90L1	78 129	1212	43.8258	-13.5588	4058	4078	13			65
DISC90L1	78 129	1218	43.8195	-13.5558	4057	4076	13			66
DISC90L1	78 129	1224	43.8148	-13.5537	4066	4087	13			66
DISC90L1	78 129	1230	43.8105	-13.5512	4062	4082	13			65
DISC90L1	78 129	1236	43.8040	-13.5412	4078	4098	13			72
DISC90L1	78 129	1242	43.7978	-13.5265	4079	4100	13			66
DISC90L1	78 129	1248	43.7918	-13.5113	4102	4124	13			65
DISC90L1	78 129	1254	43.7858	-13.4967	4142	4164	13			63
DISC90L1	78 129	13 0	43.7797	-13.4820	4184	4206	13			62
DISC90L1	78 129	13 6	43.7737	-13.4672	4201	4223	13			63
DISC90L1	78 129	1312	43.7678	-13.4522	4176	4199	13			62
DISC90L1	78 129	1318	43.7622	-13.4370	4123	4144	13			63
DISC90L1	78 129	1324	43.7563	-13.4220	4057	4076	13			63
DISC90L1	78 129	1330	43.7520	-13.4102	4076	4097	13			58
DISC90L1	78 129	1336	43.7478	-13.3988	4134	4155	13			59
DISC90L1	78 129	1342	43.7440	-13.3887	4164	4186	13	45474	-260	57
DISC90L1	78 129	1348	43.7398	-13.3782	4162	4184	13	45464	-267	56
DISC90L1	78 129	1354	43.7358	-13.3678	4157	4179	13	45466	-263	56
DISC90L1	78 129	14 0	43.7318	-13.3575	4176	4199	13	45466	-261	54
DISC90L1	78 129	14 6	43.7275	-13.3465	4179	4201	13	45476	-249	54
DISC90L1	78 129	1412	43.7218	-13.3318	4185	4208	13	45486	-237	52
DISC90L1	78 129	1418	43.7167	-13.3183	4183	4206	13	45506	-214	51
DISC90L1	78 129	1424	43.7127	-13.3078	4177	4199	13	45526	-192	49
DISC90L1	78 129	1430	43.7085	-13.2970	4159	4182	13	45546	-170	50
DISC90L1	78 129	1436	43.7040	-13.2850	4149	4171	13	45560	-154	49
DISC90L1	78 129	1442	43.6983	-13.2705	4150	4171	13	45578	-133	48
DISC90L1	78 129	1448	43.6928	-13.2560	4127	4148	13	45590	-118	46
DISC90L1	78 129	1454	43.6873	-13.2417	4097	4118	13	45590	-115	45
DISC90L1	78 129	15 0	43.6817	-13.2268	4140	4162	13	45554	-148	42
DISC90L1	78 129	15 6	43.6760	-13.2122	4229	4254	13	45498	-202	39
DISC90L1	78 129	1512	43.6703	-13.1977	4304	4329	13	45448	-249	36
DISC90L1	78 129	1518	43.6647	-13.1828	4340	4365	13	45440	-254	36
DISC90L1	78 129	1524	43.6592	-13.1682	4382	4409	13	45476	-215	32
DISC90L1	78 129	1530	43.6535	-13.1537	4454	4482	13	45534	-154	27
DISC90L1	78 129	1536	43.6478	-13.1388	4552	4583	13	45598	-88	24
DISC90L1	78 129	1542	43.6422	-13.1247	4803	4841	13	45636	-47	20
DISC90L1	78 129	1548	43.6367	-13.1105	4987	5031	13	45660	-20	16
DISC90L1	78 129	1554	43.6312	-13.0963	5003	5047	13	45660	-17	14
DISC90L1	78 129	16 0	43.6255	-13.0820	4998	5042	13	45652	-23	10
DISC90L1	78 129	16 6	43.6200	-13.0677	4980	5024	13	45646	-26	7
DISC90L1	78 129	1612	43.6143	-13.0533	4990	5035	13	45636	-33	5
DISC90L1	78 129	1618	43.6088	-13.0392	5022	5068	13	45630	-36	1
DISC90L1	78 129	1624	43.6033	-13.0248	5007	5051	13	45614	-49	0

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 29	78 129	1630	43.5978	-13.0107	5048	5093	13	45590	-71	-2
DISC90L1	78 129	1636	43.5923	-12.9962	5097	5144	13	45568	-90	-4
DISC90L1	78 129	1642	43.5868	-12.9818	5163	5212	13	45546	-109	-4
DISC90L1	78 129	1648	43.5815	-12.9677	5194	5245	13	45532	-121	-6
DISC90L1	78 129	1654	43.5760	-12.9533	5208	5260	13	45534	-116	-6
DISC90L1	78 129	17 0	43.5705	-12.9390	5222	5274	13	45534	-113	-7
DISC90L1	78 129	17 6	43.5650	-12.9245	5222	5274	13	45532	-113	-8
DISC90L1	78 129	1712	43.5595	-12.9102	5213	5265	13	45522	-120	-7
DISC90L1	78 129	1718	43.5542	-12.8960	5197	5249	13	45502	-137	-6
DISC90L1	78 129	1724	43.5488	-12.8817	5178	5229	13	45482	-155	-5
DISC90L1	78 129	1730	43.5433	-12.8673	5182	5232	13	45464	-170	-5
DISC90L1	78 129	1736	43.5378	-12.8530	4902	4943	13	45462	-170	-4
DISC90L1	78 129	1742	43.5323	-12.8383	4812	4850	13	45462	-167	-2
DISC90L1	78 129	1748	43.5267	-12.8242	4848	4887	13	45468	-158	-3
DISC90L1	78 129	1754	43.5213	-12.8103	4928	4971	13	45468	-156	-2
DISC90L1	78 129	18 0	43.5158	-12.7962	5048	5093	13	45482	-139	-3
DISC90L1	78 129	18 6	43.5105	-12.7822	5147	5197	13	45496	-122	-4
DISC90L1	78 129	1812	43.5050	-12.7682	5147	5197	13	45508	-108	-5
DISC90L1	78 129	1818	43.4995	-12.7540	5142	5192	13	45512	-101	
DISC90L1	78 129	1824	43.4938	-12.7395	5115	5165	13	45508	-102	
DISC90L1	78 129	1830	43.4882	-12.7252	5090	5137	13	45500	-108	
DISC90L1	78 129	1836	43.4833	-12.7095	5020	5066	13	45496	-109	-6
DISC90L1	78 129	1842	43.4780	-12.6948	4997	5042	13	45490	-113	-7
DISC90L1	78 129	1848	43.4725	-12.6800	5013	5058	13	45486	-114	-10
DISC90L1	78 129	1854	43.4673	-12.6657	5013	5058	13	45484	-114	
DISC90L1	78 129	19 0	43.4618	-12.6513	5013	5058	13	45464	-131	
DISC90L1	78 129	19 6	43.4563	-12.6360	5013	5058	13	45442	-150	
DISC90L1	78 129	1912	43.4510	-12.6215	5013	5058	13	45428	-162	-15
DISC90L1	78 129	1918	43.4458	-12.6073	5013	5058	13	45424	-163	-17
DISC90L1	78 129	1924	43.4407	-12.5933	5013	5058	13	45422	-163	-18
DISC90L1	78 129	1930	43.4353	-12.5793	5010	5055	13	45420	-162	-18
DISC90L1	78 129	1936	43.4298	-12.5655	5008	5053	13	45422	-157	-19
DISC90L1	78 129	1942	43.4240	-12.5507	5006	5051	13	45416	-161	-20
DISC90L1	78 129	1948	43.4185	-12.5368	5003	5047	13	45410	-164	-21
DISC90L1	78 129	1954	43.4128	-12.5227	5003	5047	13	45408	-163	-22
DISC90L1	78 129	20 0	43.4070	-12.5082	5003	5047	13	45418	-151	-22
DISC90L1	78 129	20 6	43.4013	-12.4938	5003	5047	13	45430	-136	-24
DISC90L1	78 129	2012	43.3957	-12.4797	4999	5044	13	45444	-119	-26
DISC90L1	78 129	2018	43.3900	-12.4653	4999	5044	13	45464	-96	-25
DISC90L1	78 129	2024	43.3842	-12.4513	4998	5042	13	45474	-84	-27
DISC90L1	78 129	2030	43.3782	-12.4375	5001	5046	13	45484	-71	-27
DISC90L1	78 129	2036	43.3720	-12.4235	5002	5046	13	45482	-70	-27
DISC90L1	78 129	2042	43.3662	-12.4097	5001	5046	13	45484	-65	-27
DISC90L1	78 129	2048	43.3600	-12.3957	4998	5042	13	45490	-56	-24
DISC90L1	78 129	2054	43.3538	-12.3818	5002	5046	13	45502	-42	-25
DISC90L1	78 129	21 0	43.3477	-12.3677	5003	5047	13	45512	-29	-24
DISC90L1	78 129	21 6	43.3415	-12.3535	5003	5047	13	45516	-22	-20
DISC90L1	78 129	2112	43.3353	-12.3397	5003	5047	13	45524	-11	-17
DISC90L1	78 129	2118	43.3293	-12.3258	5003	5047	13	45518	-14	-14
DISC90L1	78 129	2124	43.3230	-12.3113	4987	5031	13	45506	-23	-9
DISC90L1	78 129	2130	43.3163	-12.2970	4987	5031	13	45478	-48	-5
DISC90L1	78 129	2136	43.3097	-12.2825	4963	5005	13	45460	-63	1
DISC90L1	78 129	2142	43.3028	-12.2680	4732	4768	13	45456	-64	8
DISC90L1	78 129	2148	43.2962	-12.2535	4262	4287	13	45470	-47	14
DISC90L1	78 129	2154	43.2895	-12.2392	4150	4171	13	45496	-18	23
DISC90L1	78 129	22 0	43.2828	-12.2247	4032	4053	13	45508	-2	30
DISC90L1	78 129	22 6	43.2792	-12.2093	3924	3941	13	45510	1	36
DISC90L1	78 129	2212	43.2787	-12.1928	3902	3919	13	45522	13	40
DISC90L1	78 129	2218	43.2785	-12.1752	3772	3787	13	45544	36	46
DISC90L1	78 129	2224	43.2782	-12.1582	3598	3612	13	45576	69	52
DISC90L1	78 129	2230	43.2777	-12.1413	3447	3458	13	45592	86	56
DISC90L1	78 129	2236	43.2772	-12.1252	3417	3427	13	45584	78	64
DISC90L1	78 129	2242	43.2768	-12.1090	3307	3317	13	45560	55	70
DISC90L1	78 129	2248	43.2762	-12.0928	3172	3180	13	45518	14	72
DISC90L1	78 129	2254	43.2757	-12.0768	2807	2813	13	45490	-12	81
DISC90L1	78 129	23 0	43.2752	-12.0610	2712	2718	13	45468	-34	87
DISC90L1	78 129	23 6	43.2747	-12.0452	2661	2666	13	45460	-41	92
DISC90L1	78 129	2312	43.2742	-12.0293	2581	2586	13	45450	-50	97
DISC90L1	78 129	2318	43.2738	-12.0133	2522	2526	13	45432	-67	99
DISC90L1	78 129	2324	43.2733	-11.9973	2457	2462	13	45416	-83	100
DISC90L1	78 129	2330	43.2728	-11.9815	2431	2436	13	45402	-96	101
DISC90L1	78 129	2336	43.2723	-11.9653	2426	2430	13	45388	-110	101
DISC90L1	78 129	2342	43.2720	-11.9492	2396	2399	13	45374	-123	100
DISC90L1	78 129	2348	43.2715	-11.9332	2412	2416	13	45366	-130	101
DISC90L1	78 129	2354	43.2712	-11.9173	2407	2410	13	45360	-136	100
DISC90L1 30	78 130	0 0	43.2708	-11.9015	2381	2385	13	45354	-141	100
DISC90L1	78 130	0 6	43.2705	-11.8855	2372	2376	13	45356	-139	99
DISC90L1	78 130	012	43.2702	-11.8698	2347	2350	13	45348	-146	99
DISC90L1	78 130	018	43.2697	-11.8545	2359	2363	13	45348	-145	98
DISC90L1	78 130	024	43.2690	-11.8393	2338	2341	13	45350	-143	99
DISC90L1	78 130	030	43.2683	-11.8240	2322	2324	13	45354	-138	100
DISC90L1	78 130	036	43.2678	-11.8085	2296	2299	13	45356	-135	101
DISC90L1	78 130	042	43.2672	-11.7933	2306	2310	13	45364	-127	103
DISC90L1	78 130	048	43.2667	-11.7778	2242	2244	13	45364	-126	
DISC90L1	78 130	054	43.2660	-11.7627	2182	2185	13	45364	-125	
DISC90L1	78 130	1 0	43.2653	-11.7475	2189	2189	13	45364	-124	113
DISC90L1	78 130	1 6	43.2647	-11.7323	2087	2090	13	45358	-130	118
DISC90L1	78 130	112	43.2640	-11.7173	1876	1878	13	45358	-139	120
DISC90L1	78 130	118	43.2633	-11.7025	1768	1770	13	45354	-152	122
DISC90L1	78 130	124	43.2625	-11.6875	1834	1836	13	45354	-152	122
DISC90L1	78 130	130	43.2617	-11.6730	1914	1917	13	45352	-135	118
DISC90L1	78 130	136	43.2608	-11.6583	1946	1950	13	45354	-130	116
DISC90L1	78 130	142	43.2602	-11.6433	1934	1937	13	45356	-127	112

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 130	148	43.2595	-11.6282	2036	2039	13	45358	-125	109
DISC90L1	78 130	154	43.2588	-11.6133	2156	2160	13	45358	-124	103
DISC90L1	78 130	2 0	43.2580	-11.5985	2207	2209	13	45354	-127	
DISC90L1	78 130	2 6	43.2573	-11.5837	2202	2206	13	45354	-126	
DISC90L1	78 130	212	43.2567	-11.5683	2296	2299	13	45352	-128	92
DISC90L1	78 130	218	43.2560	-11.5533	2282	2284	13	45350	-129	91
DISC90L1	78 130	224	43.2553	-11.5380	2186	2189	13	45350	-128	89
DISC90L1	78 130	230	43.2547	-11.5228	2247	2249	13	45348	-130	85
DISC90L1	78 130	236	43.2540	-11.5077	2328	2332	13	45344	-133	81
DISC90L1	78 130	242	43.2535	-11.4923	2591	2595	13	45344	-135	77
DISC90L1	78 130	248	43.2528	-11.4770	2647	2652	13	45340	-135	72
DISC90L1	78 130	254	43.2522	-11.4615	2700	2705	13	45340	-135	69
DISC90L1	78 130	3 0	43.2515	-11.4460	2722	2727	13	45340	-134	67
DISC90L1	78 130	3 6	43.2507	-11.4308	2737	2741	13	45334	-139	64
DISC90L1	78 130	312	43.2500	-11.4157	2746	2751	13	45332	-140	63
DISC90L1	78 130	318	43.2493	-11.4003	2753	2758	13	45330	-142	64
DISC90L1	78 130	324	43.2487	-11.3850	2769	2774	13	45332	-139	64
DISC90L1	78 130	330	43.2482	-11.3697	2777	2782	13	45330	-140	65
DISC90L1	78 130	336	43.2473	-11.3542	2769	2774	13	45328	-142	65
DISC90L1	78 130	342	43.2467	-11.3385	2756	2761	13	45326	-143	67
DISC90L1	78 130	348	43.2460	-11.3232	2735	2740	13			68
DISC90L1	78 130	354	43.2453	-11.3077	2711	2716	13			72
DISC90L1	78 130	4 0	43.2447	-11.2920	2756	2761	13			76
DISC90L1	78 130	4 6	43.2440	-11.2767	2311	2315	13	45310	-156	78
DISC90L1	78 130	412	43.2433	-11.2612	2177	2180	13	45312	-153	79
DISC90L1	78 130	418	43.2427	-11.2453	2213	2217	13	45312	-152	78
DISC90L1	78 130	424	43.2420	-11.2298	2311	2315	13	45310	-154	76
DISC90L1	78 130	430	43.2413	-11.2140	2716	2721	13	45310	-153	73
DISC90L1	78 130	436	43.2408	-11.1982	2625	2630	13	45310	-152	69
DISC90L1	78 130	442	43.2402	-11.1823	2583	2588	13	45312	-150	66
DISC90L1	78 130	448	43.2395	-11.1663	2586	2591	13	45314	-147	64
DISC90L1	78 130	454	43.2390	-11.1508	2579	2584	13	45318	-142	63
DISC90L1	78 130	5 0	43.2383	-11.1350	2574	2579	13	45324	-135	62
DISC90L1	78 130	5 6	43.2377	-11.1192	2562	2566	13	45328	-131	60
DISC90L1	78 130	512	43.2370	-11.1032	2567	2571	13	45332	-126	57
DISC90L1	78 130	518	43.2363	-11.0872	2706	2710	13	45336	-121	56
DISC90L1	78 130	524	43.2357	-11.0710	2904	2910	13	45336	-120	53
DISC90L1	78 130	530	43.2350	-11.0552	2969	2975	13	45334	-122	49
DISC90L1	78 130	536	43.2345	-11.0395	2934	2941	13	45336	-119	45
DISC90L1	78 130	542	43.2338	-11.0237	2873	2879	13	45336	-118	41
DISC90L1	78 130	548	43.2335	-11.0080	2868	2875	13	45336	-116	36
DISC90L1	78 130	554	43.2332	-10.9923	3002	3008	13	45338	-116	30
DISC90L1	78 130	6 0	43.2328	-10.9768	3134	3142	13	45340	-113	25
DISC90L1	78 130	6 6	43.2327	-10.9610	3266	3275	13	45336	-117	20
DISC90L1	78 130	612	43.2325	-10.9448	3412	3422	13	45336	-116	13
DISC90L1	78 130	618	43.2322	-10.9290	3523	3535	13	45338	-114	9
DISC90L1	78 130	624	43.2320	-10.9135	3777	3793	13	45340	-111	3
DISC90L1	78 130	630	43.2318	-10.8978	3869	3886	13	45330	-121	3
DISC90L1	78 130	636	43.2315	-10.8820	3900	3917	13	45334	-116	-2
DISC90L1	78 130	642	43.2313	-10.8660	3949	3967	13	45328	-122	-6
DISC90L1	78 130	648	43.2310	-10.8500	3877	3895	13	45328	-122	-9
DISC90L1	78 130	654	43.2308	-10.8338	3817	3833	13	45326	-123	-11
DISC90L1	78 130	7 0	43.2305	-10.8180	3802	3817	13	45318	-131	-14
DISC90L1	78 130	7 6	43.2305	-10.8023	3819	3835	13	45314	-134	-15
DISC90L1	78 130	712	43.2307	-10.7865	3859	3875	13	45310	-138	-18
DISC90L1	78 130	718	43.2305	-10.7707	3893	3910	13	45300	-147	-20
DISC90L1	78 130	724	43.2305	-10.7548	3852	3868	13	45304	-143	-22
DISC90L1	78 130	730	43.2309	-10.7400	3887	3904	13	45304	-143	-24
DISC90L1	78 130	736	43.2307	-10.7250	3907	3925	13	45300	-146	-26
DISC90L1	78 130	742	43.2310	-10.7098	3927	3945	13	45288	-158	-28
DISC90L1	78 130	748	43.2312	-10.6948	3930	3948	13	45296	-150	-27
DISC90L1	78 130	754	43.2313	-10.6797	3914	3932	13	45300	-145	-28
DISC90L1	78 130	8 0	43.2317	-10.6642	3909	3926	13	45298	-147	-28
DISC90L1	78 130	8 6	43.2320	-10.6490	3902	3919	13	45296	-149	-28
DISC90L1	78 130	812	43.2330	-10.6340	3902	3919	13	45294	-151	-27
DISC90L1	78 130	818	43.2342	-10.6188	3886	3903	13	45286	-159	-28
DISC90L1	78 130	824	43.2350	-10.6040	3887	3904	13	45288	-157	-26
DISC90L1	78 130	830	43.2360	-10.5893	3892	3910	13	45282	-163	-27
DISC90L1	78 130	836	43.2372	-10.5742	3902	3919	13	45278	-167	-24
DISC90L1	78 130	842	43.2382	-10.5592	3887	3904	13	45276	-169	-24
DISC90L1	78 130	848	43.2392	-10.5442	3885	3903	13	45276	-169	-22
DISC90L1	78 130	854	43.2403	-10.5290	3874	3892	13	45270	-175	-20
DISC90L1	78 130	9 0	43.2413	-10.5138	3857	3873	13	45266	-179	-17
DISC90L1	78 130	9 6	43.2425	-10.4988	3817	3833	13	45266	-179	-14
DISC90L1	78 130	912	43.2437	-10.4838	3799	3815	13	45260	-185	-12
DISC90L1	78 130	918	43.2447	-10.4685	3787	3802	13	45264	-181	-9
DISC90L1	78 130	924	43.2458	-10.4532	3776	3791	13	45270	-175	-7
DISC90L1	78 130	930	43.2473	-10.4375	3752	3767	13	45274	-172	-3
DISC90L1	78 130	936	43.2485	-10.4217	3727	3742	13	45270	-176	-2
DISC90L1	78 130	942	43.2498	-10.4060	3705	3720	13	45264	-182	-1
DISC90L1	78 130	948	43.2510	-10.3903	3682	3696	13	45264	-182	1
DISC90L1	78 130	954	43.2523	-10.3745	3667	3681	13	45264	-182	1
DISC90L1	78 130	10 0	43.2535	-10.3588	3669	3683	13	45268	-178	1
DISC90L1	78 130	10 6	43.2548	-10.3428	3667	3681	13	45266	-180	1
DISC90L1	78 130	1012	43.2562	-10.3268	3662	3676	13	45264	-182	0
DISC90L1	78 130	1018	43.2575	-10.3112	3617	3630	13	45268	-178	1
DISC90L1	78 130	1024	43.2587	-10.2955	3586	3599	13	45272	-174	1
DISC90L1	78 130	1030	43.2600	-10.2795	3550	3563	13	45276	-170	1
DISC90L1	78 130	1036	43.2613	-10.2635	3507	3519	13	45274	-173	1
DISC90L1	78 130	1042	43.2625	-10.2472	3445	3456	13	45278	-169	2
DISC90L1	78 130	1048	43.2637	-10.2310	3407	3418	13	45282	-165	0
DISC90L1	78 130	1054	43.2647	-10.2148	3369	3380	13	45286	-161	1
DISC90L1	78 130	11 0	43.2658	-10.1987	3342	3347	12	45286	-161	0

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	30 78 130	11 6	43.2670	-10 -1823	3319	3325	12	45282	-165	1
DISC90L1	78 130	1112	43.2682	-10 -1658	3276	3281	12	45288	-159	0
DISC90L1	78 130	1118	43.2697	-10 -1500	3247	3250	12	45286	-161	1
DISC90L1	78 130	1124	43.2713	-10 -1342	3216	3219	12	45280	-167	2
DISC90L1	78 130	1130	43.2728	-10 -1187	3149	3153	12	45282	-165	5
DISC90L1	78 130	1136	43.2743	-10 -1027	3092	3094	12	45278	-169	5
DISC90L1	78 130	1142	43.2758	-10 -0870	3064	3067	12	45280	-168	8
DISC90L1	78 130	1148	43.2773	-10 -0710	2972	2974	12	45274	-174	9
DISC90L1	78 130	1154	43.2788	-10 -0552	2922	2922	12	45272	-176	12
DISC90L1	78 130	12 0	43.2803	-10 -0395	2858	2858	12	45272	-176	14
DISC90L1	78 130	12 6	43.2818	-10 -0235	2795	2796	12	45278	-170	15
DISC90L1	78 130	1212	43.2835	-10 -0073	2756	2758	12	45276	-173	17
DISC90L1	78 130	1218	43.2842	-9 -9936	2706	2707	12	45276	-173	17
DISC90L1	78 130	1224	43.2803	-9 -9883	2692	2692	12	45282	-166	14
DISC90L1	78 130	1230	43.2708	-9 -9847	2719	2719	12	45278	-166	15
DISC90L1	78 130	1236	43.2600	-9 -9807	2677	2677	12	45276	-164	15
DISC90L1	78 130	1242	43.2488	-9 -9765	2617	2617	12	45268	-167	14
DISC90L1	78 130	1248	43.2378	-9 -9722	2556	2557	12	45266	-165	14
DISC90L1	78 130	1254	43.2268	-9 -9680	2541	2540	12	45262	-165	11
DISC90L1	78 130	13 0	43.2158	-9 -9638	2501	2502	12	45258	-165	11
DISC90L1	78 130	13 6	43.2050	-9 -9598	2478	2478	12	45252	-167	11
DISC90L1	78 130	1312	43.1940	-9 -9557	2516	2516	12			9
DISC90L1	78 130	1318	43.1828	-9 -9515	2586	2586	12			7
DISC90L1	78 130	1324	43.1717	-9 -9473	2706	2707	12	45240	-166	5
DISC90L1	78 130	1330	43.1607	-9 -9432	2807	2807	12	45234	-167	1
DISC90L1	78 130	1336	43.1498	-9 -9390	2946	2948	12	45232	-165	-2
DISC90L1	78 130	1342	43.1388	-9 -9347	2986	2988	12	45222	-171	-3
DISC90L1	78 130	1348	43.1278	-9 -9303	3002	3003	12	45218	-171	-4
DISC90L1	78 130	1354	43.1165	-9 -9262	3002	3008	13	45212	-172	-5
DISC90L1	78 130	14 0	43.1057	-9 -9220	3007	3014	13	45204	-176	-6
DISC90L1	78 130	14 6	43.0948	-9 -9178	3031	3038	13	45196	-180	-5
DISC90L1	78 130	1412	43.0840	-9 -9138	3026	3034	13	45186	-186	-6
DISC90L1	78 130	1418	43.0732	-9 -9097	2982	2988	13	45182	-186	-5
DISC90L1	78 130	1424	43.0623	-9 -9057	2951	2957	13	45172	-192	-2
DISC90L1	78 130	1430	43.0513	-9 -9017	2937	2943	13	45166	-193	0
DISC90L1	78 130	1436	43.0405	-9 -8977	2902	2908	13	45158	-197	3
DISC90L1	78 130	1442	43.0297	-9 -8935	2899	2906	13	45152	-199	7
DISC90L1	78 130	1448	43.0188	-9 -8895	2863	2869	13	45140	-207	11
DISC90L1	78 130	1454	43.0080	-9 -8855	2746	2751	13	45134	-209	17
DISC90L1	78 130	15 0	42.9972	-9 -8815	2527	2531	13	45126	-211	23
DISC90L1	78 130	15 6	42.9863	-9 -8773	2332	2335	13	45116	-217	30
DISC90L1	78 130	1512	42.9757	-9 -8733	2207	2209	13	45112	-217	37
DISC90L1	78 130	1518	42.9648	-9 -8692	2106	2109	13	45114	-211	44
DISC90L1	78 130	1524	42.9542	-9 -8652	2028	2032	13	45134	-186	49
DISC90L1	78 130	1530	42.9435	-9 -8612	1986	1990	13	45168	-148	54
DISC90L1	78 130	1536	42.9327	-9 -8570	1971	1973	13	45206	-106	55
DISC90L1	78 130	1542	42.9217	-9 -8530	2051	2054	13	45228	-80	56
DISC90L1	78 130	1548	42.9110	-9 -8488	2011	2014	13	45224	-79	56
DISC90L1	78 130	1554	42.9003	-9 -8448	1950	1953	13	45196	-103	56
DISC90L1	78 130	16 0	42.8897	-9 -8408	1950	1953	13	45170	-125	56
DISC90L1	78 130	16 6	42.8790	-9 -8368	1981	1984	13	45152	-139	53
DISC90L1	78 130	1612	42.8682	-9 -8328	1988	1992	13	45142	-144	53
DISC90L1	78 130	1618	42.8575	-9 -8288	2031	2034	13	45136	-146	50
DISC90L1	78 130	1624	42.8467	-9 -8248	2101	2103	13	45130	-148	49
DISC90L1	78 130	1630	42.8358	-9 -8210	2156	2160	13	45126	-148	47
DISC90L1	78 130	1636	42.8250	-9 -8172	2202	2204	13	45120	-149	45
DISC90L1	78 130	1642	42.8142	-9 -8132	2207	2209	13	45114	-151	43
DISC90L1	78 130	1648	42.8033	-9 -8092	2116	2120	13	45108	-153	42
DISC90L1	78 130	1654	42.7925	-9 -8055	2061	2065	13	45102	-154	43
DISC90L1	78 130	17 0	42.7817	-9 -8020	2087	2090	13	45100	-152	44
DISC90L1	78 130	17 6	42.7710	-9 -7983	2176	2178	13	45096	-152	43
DISC90L1	78 130	1712	42.7602	-9 -7948	2167	2169	13	45090	-154	43
DISC90L1	78 130	1718	42.7493	-9 -7913	2136	2140	13	45086	-153	42
DISC90L1	78 130	1724	42.7383	-9 -7877	2019	2023	13	45080	-155	44
DISC90L1	78 130	1730	42.7275	-9 -7842	1959	1962	13	45078	-153	45
DISC90L1	78 130	1736	42.7165	-9 -7807	1929	1931	13	45074	-152	46
DISC90L1	78 130	1742	42.7055	-9 -7768	1924	1926	13	45072	-150	49
DISC90L1	78 130	1748	42.6943	-9 -7727	1871	1875	13	45068	-150	51
DISC90L1	78 130	1754	42.6830	-9 -7685	1821	1823	13	45062	-151	53
DISC90L1	78 130	18 0	42.6717	-9 -7643	1741	1743	13	45060	-149	56
DISC90L1	78 130	18 6	42.6603	-9 -7602	1696	1699	13	45054	-150	57
DISC90L1	78 130	1812	42.6492	-9 -7560	1683	1684	13	45044	-156	57
DISC90L1	78 130	1818	42.6380	-9 -7518	1786	1789	13	45036	-159	54
DISC90L1	78 130	1824	42.6268	-9 -7477	1807	1809	13	45028	-163	52
DISC90L1	78 130	1830	42.6158	-9 -7435	1816	1818	13	45020	-167	48
DISC90L1	78 130	1836	42.6048	-9 -7392	1896	1898	13	45012	-170	41
DISC90L1	78 130	1842	42.5935	-9 -7350	2002	2004	13	45004	-174	36
DISC90L1	78 130	1848	42.5820	-9 -7307	2036	2039	13	44996	-177	31
DISC90L1	78 130	1854	42.5705	-9 -7265	2122	2125	13	44990	-179	27
DISC90L1	78 130	19 0	42.5592	-9 -7222	2127	2131	13	44988	-176	24
DISC90L1	78 130	19 6	42.5477	-9 -7180	2127	2131	13	44986	-174	22
DISC90L1	78 130	1912	42.5363	-9 -7138	2127	2131	13	44982	-173	21
DISC90L1	78 130	1918	42.5250	-9 -7095	2146	2149	13	44980	-171	20
DISC90L1	78 130	1924	42.5137	-9 -7053	2122	2125	13	44976	-170	18
DISC90L1	78 130	1930	42.5023	-9 -7012	2092	2094	13	44976	-166	17
DISC90L1	78 130	1936	42.4910	-9 -6970	2051	2054	13	44972	-165	19
DISC90L1	78 130	1942	42.4797	-9 -6928	1971	1973	13	44966	-167	21
DISC90L1	78 130	1948	42.4683	-9 -6903	1883	1885	13	44964	-164	23
DISC90L1	78 130	1954	42.4568	-9 -6878	1844	1847	13	44958	-166	26
DISC90L1	78 130	20 0	42.4457	-9 -6853	1793	1796	13	44952	-167	29
DISC90L1	78 130	20 6	42.4347	-9 -6828	1703	1706	13	44948	-167	31
DISC90L1	78 130	2012	42.4232	-9 -6807	1722	1725	13	44944	-166	34
DISC90L1	78 130	2018	42.4118	-9 -6783	1544	1547	13	44942	-164	37

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 130	2024	42.4007	-9.8760	1509	1512	13	44934	-168	38
DISC90L1	78 130	2030	42.3893	-9.8738	1491	1492	13	44924	-173	37
DISC90L1	78 130	2036	42.3780	-9.8717	1451	1454	13	44920	-173	36
DISC90L1	78 130	2042	42.3665	-9.8695	1491	1492	13	44914	-174	33
DISC90L1	78 130	2048	42.3548	-9.8673	1526	1529	13	44912	-172	31
DISC90L1	78 130	2054	42.3432	-9.8650	1636	1639	13	44910	-169	26
DISC90L1	78 130	21 0	42.3312	-9.8627	1901	1904	13	44914	-160	22
DISC90L1	78 130	21 6	42.3195	-9.8603	1651	1653	13	44918	-152	18
DISC90L1	78 130	2112	42.3078	-9.8582	1669	1873	13	44916	-149	14
DISC90L1	78 130	2118	42.2962	-9.8547	1956	1959	13	44916	-145	12
DISC90L1	78 130	2124	42.2845	-9.8512	1947	1950	13	44910	-146	10
DISC90L1	78 130	2130	42.2727	-9.8477	1969	1971	13	44906	-145	7
DISC90L1	78 130	2136	42.2606	-9.8440	1969	1971	13	44916	-131	4
DISC90L1	78 130	2142	42.2492	-9.8405	1953	1957	13	44928	-114	1
DISC90L1	78 130	2148	42.2373	-9.8368	1941	1944	13	44920	-117	0
DISC90L1	78 130	2154	42.2255	-9.8332	1931	1933	13	44912	-121	-1
DISC90L1	78 130	22 0	42.2137	-9.8293	1926	1928	13	44902	-126	-2
DISC90L1	78 130	22 6	42.2022	-9.8257	1922	1924	13	44888	-135	-2
DISC90L1	78 130	2212	42.1907	-9.8218	1922	1924	13	44874	-145	-0
DISC90L1	78 130	2218	42.1792	-9.8182	1937	1940	13	44862	-152	1
DISC90L1	78 130	2224	42.1678	-9.8137	1821	1823	13	44862	-148	-0
DISC90L1	78 130	2230	42.1555	-9.8097	1666	1668	13	44854	-151	1
DISC90L1	78 130	2236	42.1430	-9.8060	1642	1644	13	44844	-156	4
DISC90L1	78 130	2242	42.1307	-9.8027	1701	1703	13	44836	-159	7
DISC90L1	78 130	2248	42.1193	-9.8043	1736	1739	13	44852	-159	2
DISC90L1	78 130	2254	42.1142	-9.8137	1804	1807	13	44828	-161	-1
DISC90L1	78 130	23 0	42.1130	-9.8273	1896	1898	13	44832	-157	-6
DISC90L1	78 130	23 6	42.1120	-9.8425	1967	1970	13	44830	-159	-10
DISC90L1	78 130	2312	42.1110	-9.8578	2026	2028	13	44824	-164	-14
DISC90L1	78 130	2318	42.1098	-9.8735	2078	2081	13	44818	-170	-17
DISC90L1	78 130	2324	42.1088	-9.8897	2127	2131	13	44810	-170	-19
DISC90L1	78 130	2330	42.1078	-9.7047	2167	2169	13	44810	-172	-16
DISC90L1	78 130	2336	42.1068	-9.7197	2202	2206	13	44816	-172	-18
DISC90L1	78 130	2342	42.1060	-9.7352	2230	2233	13	44822	-166	-16
DISC90L1	78 130	2348	42.1053	-9.7512	2256	2259	13	44830	-158	-16
DISC90L1	78 130	2354	42.1055	-9.7657	2271	2275	13	44840	-148	-15
DISC90L1	31 78 131	0 0	42.1120	-9.7755	2289	2291	13	44852	-139	-14
DISC90L1	78 131	0 6	42.1220	-9.7785	2305	2308	13	44860	-135	-14
DISC90L1	78 131	012	42.1332	-9.7807	2317	2321	13	44868	-131	-14
DISC90L1	78 131	018	42.1442	-9.7823	2327	2330	13	44876	-127	-14
DISC90L1	78 131	024	42.1553	-9.7840	2335	2339	13	44886	-122	-18
DISC90L1	78 131	030	42.1667	-9.7868	2339	2343	13	44884	-128	-17
DISC90L1	78 131	036	42.1780	-9.7897	2338	2341	13	44884	-133	-16
DISC90L1	78 131	042	42.1890	-9.7922	2338	2341	13	44886	-135	-16
DISC90L1	78 131	048	42.1998	-9.7948	2346	2350	13	44896	-129	-15
DISC90L1	78 131	054	42.2113	-9.7975	2338	2341	13	44900	-130	-13
DISC90L1	78 131	1 0	42.2227	-9.8003	2326	2330	13	44902	-132	-12
DISC90L1	78 131	1 6	42.2335	-9.8030	2326	2330	13	44902	-137	-11
DISC90L1	78 131	112	42.2447	-9.8058	2313	2317	13	44904	-139	-8
DISC90L1	78 131	118	42.2557	-9.8085	2295	2299	13	44904	-143	-7
DISC90L1	78 131	124	42.2668	-9.8112	2271	2275	13	44906	-146	-5
DISC90L1	78 131	130	42.2782	-9.8143	2244	2248	13	44908	-148	-1
DISC90L1	78 131	136	42.2890	-9.8170	2219	2222	13	44912	-148	1
DISC90L1	78 131	142	42.2998	-9.8198	2196	2200	13	44912	-153	5
DISC90L1	78 131	148	42.3107	-9.8223	2174	2176	13	44912	-157	7
DISC90L1	78 131	154	42.3220	-9.8253	2138	2143	13	44910	-163	10
DISC90L1	78 131	2 0	42.3330	-9.8280	2114	2118	13	44910	-168	14
DISC90L1	78 131	2 6	42.3437	-9.8308	2101	2103	13	44910	-172	16
DISC90L1	78 131	212	42.3545	-9.8340	2101	2103	13	44912	-174	18
DISC90L1	78 131	218	42.3657	-9.8383	2111	2114	13	44914	-177	18
DISC90L1	78 131	224	42.3768	-9.8423	2122	2125	13	44914	-181	21
DISC90L1	78 131	230	42.3878	-9.8465	2132	2134	13	44916	-181	21
DISC90L1	78 131	236	42.3987	-9.8503	2139	2142	13	44922	-182	22
DISC90L1	78 131	242	42.4095	-9.8543	2135	2138	13	44928	-180	22
DISC90L1	78 131	248	42.4205	-9.8585	2132	2134	13	44932	-180	24
DISC90L1	78 131	254	42.4308	-9.8622	2134	2136	13	44936	-181	26
DISC90L1	78 131	3 0	42.4420	-9.8663	2143	2147	13	44942	-179	26
DISC90L1	78 131	3 6	42.4528	-9.8705	2163	2165	13	44946	-179	27
DISC90L1	78 131	312	42.4643	-9.8748	2191	2195	13	44950	-180	27
DISC90L1	78 131	318	42.4760	-9.8793	2227	2231	13	44954	-180	27
DISC90L1	78 131	324	42.4873	-9.8835	2266	2270	13	44950	-189	26
DISC90L1	78 131	330	42.4990	-9.8878	2303	2306	13	44952	-191	24
DISC90L1	78 131	336	42.5107	-9.8923	2332	2335	13	44954	-194	24
DISC90L1	78 131	342	42.5225	-9.8970	2358	2363	13	44958	-195	24
DISC90L1	78 131	348	42.5343	-9.9015	2402	2405	13	44964	-193	27
DISC90L1	78 131	354	42.5458	-9.9053	2399	2403	13	44966	-196	25
DISC90L1	78 131	4 0	42.5563	-9.8980	2381	2385	13	44966	-200	37
DISC90L1	78 131	4 6	42.5607	-9.8827	2312	2315	13	44966	-201	31
DISC90L1	78 131	412	42.5638	-9.8668	2282	2284	13	44968	-200	31
DISC90L1	78 131	418	42.5672	-9.8515	2268	2271	13	44968	-201	31
DISC90L1	78 131	424	42.5703	-9.8363	2215	2218	13	44968	-202	33
DISC90L1	78 131	430	42.5733	-9.8215	2181	2184	13	44970	-201	32
DISC90L1	78 131	436	42.5763	-9.8070	2166	2169	13	44974	-198	33
DISC90L1	78 131	442	42.5793	-9.7925	2136	2140	13	44976	-197	33
DISC90L1	78 131	448	42.5823	-9.7780	2087	2090	13	44978	-196	33
DISC90L1	78 131	454	42.5855	-9.7635	2047	2050	13	44976	-199	35
DISC90L1	78 131	5 0	42.5885	-9.7490	2056	2059	13	44976	-200	36
DISC90L1	78 131	5 6	42.5915	-9.7343	2051	2054	13	44976	-201	36
DISC90L1	78 131	512	42.5947	-9.7197	2016	2019	13	44978	-200	36
DISC90L1	78 131	518	42.5977	-9.7052	1901	1904	13	44984	-195	37
DISC90L1	78 131	524	42.6008	-9.6903	1870	1873	13	44994	-186	37
DISC90L1	78 131	530	42.6038	-9.6758	1786	1789	13	44994	-187	37
DISC90L1	78 131	536	42.6068	-9.6608	1651	1653	13	44998	-184	37

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1		78									
DISC90L1	33	78	2 2	7 6	42.7327	-9.0252					
DISC90L1		78	2 2	712	42.7310	-9.0255					
DISC90L1		78	2 2	718	42.7297	-9.0265					
DISC90L1		78	2 2	724	42.7283	-9.0275					
DISC90L1		78	2 2	730	42.7277	-9.0283					
DISC90L1		78	2 2	736	42.7265	-9.0287					
DISC90L1		78	2 2	742	42.7180	-9.0352					
DISC90L1		78	2 2	748	42.7087	-9.0548					
DISC90L1		78	2 2	754	42.7013	-9.0783					
DISC90L1		78	2 2	8 0	42.6940	-9.1010					
DISC90L1		78	2 2	8 6	42.6868	-9.1237					
DISC90L1		78	2 2	812	42.6832	-9.1460					
DISC90L1		78	2 2	818	42.6753	-9.1675					
DISC90L1		78	2 2	824	42.6675	-9.1893					
DISC90L1		78	2 2	830	42.6593	-9.2107					
DISC90L1		78	2 2	836	42.6502	-9.2223					
DISC90L1		78	2 2	842	42.6497	-9.2302					
DISC90L1		78	2 2	848	42.6492	-9.2385					
DISC90L1		78	2 2	854	42.6492	-9.2503					
DISC90L1		78	2 2	9 0	42.6492	-9.2620					56
DISC90L1		78	2 2	9 6	42.6492	-9.2737					58
DISC90L1		78	2 2	912	42.6492	-9.2853					61
DISC90L1		78	2 2	918	42.6490	-9.2968					63
DISC90L1		78	2 2	924	42.6488	-9.3082					55
DISC90L1		78	2 2	930	42.6490	-9.3200					66
DISC90L1		78	2 2	936	42.6492	-9.3337					68
DISC90L1		78	2 2	942	42.6493	-9.3468					70
DISC90L1		78	2 2	948	42.6497	-9.3603					71
DISC90L1		78	2 2	954	42.6505	-9.3757					72
DISC90L1		78	2 2	10 0	42.6513	-9.3937					75
DISC90L1		78	2 2	10 6	42.6520	-9.4113					78
DISC90L1		78	2 2	1012	42.6527	-9.4292					82
DISC90L1		78	2 2	1018	42.6535	-9.4475					85
DISC90L1		78	2 2	1024	42.6542	-9.4655					89
DISC90L1		78	2 2	1030	42.6548	-9.4835					95
DISC90L1		78	2 2	1036	42.6553	-9.5017					97
DISC90L1		78	2 2	1042	42.6515	-9.5197					91
DISC90L1		78	2 2	1048	42.6472	-9.5382	401	402	13 45014	-182	85
DISC90L1		78	2 2	1054	42.6428	-9.5570	555	558	13 45012	-182	79
DISC90L1		78	2 2	11 0	42.6390	-9.5720	651	653	13 45008	-185	72
DISC90L1		78	2 2	11 6	42.6353	-9.5862	1041	1042	13 45006	-186	64
DISC90L1		78	2 2	1112	42.6320	-9.6007	1196	1200	13		55
DISC90L1		78	2 2	1118	42.6285	-9.6142	1291	1293	13 44996	-194	51
DISC90L1		78	2 2	1124	42.6250	-9.6278	1378	1381	13		43
DISC90L1		78	2 2	1130	42.6215	-9.6420	1568	1571	13 44990	-197	41
DISC90L1		78	2 2	1136	42.6180	-9.6557	1638	1640	13 44986	-200	38
DISC90L1		78	2 2	1142	42.6143	-9.6695	1746	1748	13 44984	-201	37
DISC90L1		78	2 2	1148	42.6108	-9.6830	1901	1904	13 44976	-208	34
DISC90L1		78	2 2	1154	42.6072	-9.6967	2038	2041	13 44970	-213	32
DISC90L1		78	2 2	12 0	42.5988	-9.7052	2128	2131	13 44964	-215	
DISC90L1		78	2 2	12 6	42.5848	-9.7028	2131	2134	13 44962	-212	23
DISC90L1		78	2 2	1212	42.5703	-9.7000	2122	2125	13 44960	-208	17
DISC90L1		78	2 2	1218	42.5558	-9.6972	2167	2169	13 44954	-209	13
DISC90L1		78	2 2	1224	42.5413	-9.6943	2141	2143	13 44956	-201	13
DISC90L1		78	2 2	1230	42.5267	-9.6917	2108	2110	13 44954	-197	14
DISC90L1		78	2 2	1236	42.5120	-9.6888	2056	2059	13 44948	-197	15
DISC90L1		78	2 2	1242	42.4973	-9.6860	1962	1964	13 44944	-196	18
DISC90L1		78	2 2	1248	42.4828	-9.6832	1889	1891	13 44938	-196	21
DISC90L1		78	2 2	1254	42.4683	-9.6803	1849	1851	13 44930	-198	24
DISC90L1		78	2 2	13 0	42.4538	-9.6777	1716	1719	13 44924	-199	27
DISC90L1		78	2 2	13 6	42.4392	-9.6740	1770	1772	13 44916	-201	32
DISC90L1		78	2 2	1312	42.4247	-9.6702	1458	1461	13 44910	-201	35
DISC90L1		78	2 2	1318	42.4103	-9.6663	1486	1489	13 44900	-205	34
DISC90L1		78	2 2	1324	42.3958	-9.6625	1551	1554	13 44894	-206	32
DISC90L1		78	2 2	1330	42.3813	-9.6587	1516	1520	13 44890	-204	30
DISC90L1		78	2 2	1336	42.3668	-9.6548	1553	1556	13 44886	-202	26
DISC90L1		78	2 2	1342	42.3523	-9.6510	1646	1648	13 44888	-195	20
DISC90L1		78	2 2	1348	42.3378	-9.6472	1891	1893	13 44894	-183	17
DISC90L1		78	2 2	1354	42.3233	-9.6433	1861	1864	13 44896	-175	12
DISC90L1		78	2 2	14 0	42.3088	-9.6395	1946	1950	13 44894	-171	9
DISC90L1		78	2 2	14 6	42.2943	-9.6355	1891	1893	13 44892	-168	6
DISC90L1		78	2 2	1412	42.2800	-9.6313	1966	1968	13 44892	-162	3
DISC90L1		78	2 2	1418	42.2653	-9.6272	1951	1953	13 44894	-154	1
DISC90L1		78	2 2	1424	42.2508	-9.6230	1922	1924	13 44894	-149	-2
DISC90L1		78	2 2	1430	42.2368	-9.6188	1874	1876	13 44888	-148	-3
DISC90L1		78	2 2	1436	42.2233	-9.6147	1851	1853	13 44882	-150	-4
DISC90L1		78	2 2	1442	42.2098	-9.6102	1827	1831	13 44878	-148	-4
DISC90L1		78	2 2	1448	42.1965	-9.6057	1846	1849	13 44870	-151	-3
DISC90L1		78	2 2	1454	42.1832	-9.6013	1894	1896	13 44862	-154	-2
DISC90L1		78	2 2	15 0	42.1697	-9.5968	1940	1942	13 44854	-156	-1

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1		78 2 2	15 6	42.1562	-9.5925	1778	1781	13	44850	-155	3
DISC90L1		78 2 2	1512	42.1427	-9.5882	1646	1648	13	44842	-158	5
DISC90L1		78 2 2	1518	42.1293	-9.5836	1471	1474	13			9
DISC90L1		78 2 2	1524	42.1160	-9.5807	1566	1567	13	44820	-169	7
DISC90L1		78 2 2	1530	42.1028	-9.5778	1701	1703	13	44820	-164	5
DISC90L1		78 2 2	1536	42.0897	-9.5750	1711	1714	13	44830	-149	2
DISC90L1		78 2 2	1542	42.0763	-9.5722	1701	1703	13	44820	-154	2
DISC90L1		78 2 2	1548	42.0630	-9.5693	1693	1695	13	44800	-168	1
DISC90L1		78 2 2	1554	42.0498	-9.5665	1686	1688	13	44792	-171	2
DISC90L1		78 2 2	16 0	42.0367	-9.5638	1748	1750	13	44794	-164	2
DISC90L1		78 2 2	16 6	42.0233	-9.5610	1686	1688	13	44792	-161	2
DISC90L1		78 2 2	1612	42.0100	-9.5582	1651	1653	13	44786	-162	3
DISC90L1		78 2 2	1618	41.9970	-9.5570	1653	1655	13	44784	-158	-1
DISC90L1		78 2 2	1624	41.9843	-9.5582	1688	1690	13	44786	-151	-1
DISC90L1		78 2 2	1630	41.9715	-9.5595	1746	1748	13	44778	-154	-3
DISC90L1		78 2 2	1636	41.9588	-9.5610	1849	1851	13	44764	-163	-6
DISC90L1		78 2 2	1642	41.9455	-9.5625	1899	1902	13	44758	-164	-8
DISC90L1		78 2 2	1648	41.9318	-9.5640	1946	1950	13	44760	-156	-11
DISC90L1		78 2 2	1654	41.9182	-9.5655	1984	1986	13	44764	-147	-14
DISC90L1		78 2 2	17 0	41.9045	-9.5672	2016	2019	13	44758	-147	-15
DISC90L1		78 2 2	17 6	41.8908	-9.5690	1962	1964	13	44742	-158	-13
DISC90L1		78 2 2	1712	41.8772	-9.5710	1891	1893	13	44728	-166	-10
DISC90L1		78 2 2	1718	41.8635	-9.5730	1922	1924	13	44714	-175	-6
DISC90L1		78 2 2	1724	41.8500	-9.5750	1842	1843	13	44706	-178	-4
DISC90L1		78 2 2	1730	41.8363	-9.5768	1891	1893	13	44698	-180	-6
DISC90L1		78 2 2	1736	41.8228	-9.5788	2029	2032	13	44688	-185	-6
DISC90L1		78 2 2	1742	41.8092	-9.5807	2106	2109	13	44684	-183	-7
DISC90L1		78 2 2	1748	41.7957	-9.5825	2167	2169	13	44678	-184	-7
DISC90L1		78 2 2	1754	41.7822	-9.5843	2106	2109	13	44676	-181	-6
DISC90L1		78 2 2	18 0	41.7687	-9.5862	2082	2085	13	44672	-179	-5
DISC90L1		78 2 2	18 6	41.7552	-9.5880	2071	2074	13	44666	-180	-3
DISC90L1		78 2 2	1812	41.7415	-9.5898	2071	2074	13	44662	-178	-4
DISC90L1		78 2 2	1818	41.7280	-9.5917	2119	2123	13	44658	-177	-4
DISC90L1		78 2 2	1824	41.7142	-9.5937	2221	2224	13	44654	-175	-6
DISC90L1		78 2 2	1830	41.7010	-9.5957	2270	2273	13	44656	-168	-7
DISC90L1		78 2 2	1836	41.6877	-9.5980	2306	2310	13	44656	-163	-10
DISC90L1		78 2 2	1842	41.6745	-9.6000	2315	2317	13	44652	-162	-9
DISC90L1		78 2 2	1848	41.6613	-9.6020	2371	2374	13	44646	-162	-9
DISC90L1		78 2 2	1854	41.6482	-9.6040	2402	2405	13	44638	-165	-9
DISC90L1		78 2 2	19 0	41.6350	-9.6060	2375	2379	13	44632	-166	-8
DISC90L1		78 2 2	19 6	41.6217	-9.6077	2336	2339	13	44624	-168	-6
DISC90L1		78 2 2	1912	41.6083	-9.6095	2276	2281	13	44624	-163	-4
DISC90L1		78 2 2	1918	41.5950	-9.6113	2237	2240	13	44624	-158	-2
DISC90L1		78 2 2	1924	41.5818	-9.6132	2186	2189	13	44626	-151	3
DISC90L1		78 2 2	1930	41.5685	-9.6148	2132	2134	13	44626	-145	4
DISC90L1		78 2 2	1936	41.5552	-9.6167	2061	2065	13	44624	-142	9
DISC90L1		78 2 2	1942	41.5418	-9.6185	2010	2012	13	44628	-133	12
DISC90L1		78 2 2	1948	41.5287	-9.6203	1954	1957	13	44634	-121	12
DISC90L1		78 2 2	1954	41.5158	-9.6222	1995	1999	13	44648	-102	11
DISC90L1		78 2 2	20 0	41.5027	-9.6242	2016	2019	13	44662	-83	7
DISC90L1		78 2 2	20 6	41.4898	-9.6260	2071	2074	13	44660	-80	5
DISC90L1		78 2 2	2012	41.4765	-9.6272	2156	2160	13	44652	-83	0
DISC90L1		78 2 2	2018	41.4630	-9.6290	2245	2248	13	44644	-85	-6
DISC90L1		78 2 2	2024	41.4497	-9.6307	2381	2385	13	44634	-90	-12
DISC90L1		78 2 2	2030	41.4363	-9.6325	2482	2485	13	44622	-97	-16
DISC90L1		78 2 2	2036	41.4232	-9.6343	2577	2580	13	44614	-99	-23
DISC90L1		78 2 2	2042	41.4098	-9.6362	2737	2741	13	44610	-98	-28
DISC90L1		78 2 2	2048	41.3965	-9.6378	2817	2822	13	44600	-103	-33
DISC90L1		78 2 2	2054	41.3832	-9.6397	2996	3003	13	44592	-105	-39
DISC90L1		78 2 2	21 0	41.3700	-9.6415	3137	3146	13	44586	-106	-41
DISC90L1		78 2 2	21 6	41.3572	-9.6432	3171	3178	13	44576	-111	-42
DISC90L1		78 2 2	2112	41.3440	-9.6430	3143	3151	13	44572	-110	-44
DISC90L1		**78 2 2**	**2118**	**41.3308**	**-9.6430**	**3063**	**3071**	**13**	**44564**	**-112**	**-44**
DISC90L1		78 2 2	2124	41.3175	-9.6430	3057	3065	13	44560	-111	-42
DISC90L1		78 2 2	2130	41.3043	-9.6427	3075	3083	13	44560	-106	-43
DISC90L1		78 2 2	2136	41.2912	-9.6423	3019	3027	13	44564	-96	-41
DISC90L1		78 2 2	2142	41.2775	-9.6400	2972	2979	13	44574	-81	-40
DISC90L1		78 2 2	2148	41.2642	-9.6400	2901	2908	13	44582	-68	-35
DISC90L1		78 2 2	2154	41.2508	-9.6400	2897	2902	13	44586	-58	-29
DISC90L1		78 2 2	22 0	41.2375	-9.6400	2717	2723	13	44586	-53	-23
DISC90L1		78 2 2	22 6	41.2240	-9.6398	2362	2365	13	44590	-43	-18
DISC90L1		78 2 2	2212	41.2107	-9.6398	2327	2330	13	44588	-40	-15
DISC90L1		78 2 2	2218	41.1972	-9.6397	2372	2376	13	44590	-27	-14
DISC90L1		78 2 2	2224	41.1838	-9.6397	2562	2566	13	44590	-22	-15
DISC90L1		78 2 2	2230	41.1702	-9.6395	2671	2676	13	44592	-15	-17
DISC90L1		78 2 2	2236	41.1568	-9.6395	2684	2688	13	44598	-3	-19
DISC90L1		78 2 2	2242	41.1435	-9.6395	2537	2542	13	44592	4	-20
DISC90L1		78 2 2	2248	41.1302	-9.6393	2657	2661	13	44592	12	-23
DISC90L1		78 2 2	2254	41.1168	-9.6393	2772	2778	13	44578	16	-26
DISC90L1		78 2 2	23 0	41.1035	-9.6392	2942	2948	13	44566	15	-30
DISC90L1		78 2 2	23 6	41.0900	-9.6392	3047	3054	13	44558	12	-33
DISC90L1		78 2 2	2312	41.0767	-9.6392	3025	3032	13	44552	5	-33
DISC90L1		78 2 2	2318	41.0633	-9.6390	2972	2979	13	44544	-2	-33
DISC90L1		78 2 2	2324	41.0495	-9.6392	2776	2782	13	44538	-10	-33
DISC90L1		78 2 2	2330	41.0355	-9.6392	2501	2505	13	44536	-15	-33
DISC90L1		78 2 2	2336	41.0213	-9.6395	2305	2308	13	44536	-16	-33
DISC90L1		78 2 2	2342	41.0077	-9.6402	2159	2162	13	44534	-13	-32
DISC90L1		78 2 2	2348	40.9950	-9.6465	2216	2218	13	44534	-7	-30
DISC90L1		78 2 2	2354	40.9823	-9.6535	2373	2376	13	44532	-4	-26
DISC90L1	34	78 2 3	0 0	40.9698	-9.6605	2370	2374	13	44534	2	-24
DISC90L1		78 2 3	0 6	40.9573	-9.6675	2244	2248	13	44532	5	-25
DISC90L1		78 2 3	012	40.9447	-9.6745	2282	2284	13	44530	8	-26
DISC90L1		78 2 3	018	40.9322	-9.6815	2454	2458	13	44526	9	-30

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1 34	78 2 3	024	40.9195	-9.6883	2454	2458	13	44520	8	-31
DISC90L1	78 2 3	030	40.9070	-9.6952	2444	2447	13	44516	9	-36
DISC90L1	78 2 3	036	40.8943	-9.7022	2497	2502	13	44502	1	-40
DISC90L1	78 2 3	042	40.8818	-9.7092	2644	2648	13	44488	-7	-45
DISC90L1	78 2 3	048	40.8693	-9.7160	2711	2716	13	44476	-14	-52
DISC90L1	78 2 3	054	40.8568	-9.7228	2871	2877	13	44468	-17	-57
DISC90L1	78 2 3	1 0	40.8443	-9.7297	3106	3114	13	44458	-22	-65
DISC90L1	78 2 3	1 6	40.8318	-9.7365	3231	3241	13	44444	-31	-71
DISC90L1	78 2 3	112	40.8192	-9.7433	3289	3297	13	44426	-44	-73
DISC90L1	78 2 3	118	40.8065	-9.7498	3587	3595	13	44410	-55	-77
DISC90L1	78 2 3	124	40.7938	-9.7565	3271	3281	13	44396	-64	-80
DISC90L1	78 2 3	130	40.7812	-9.7635	3257	3266	13	44380	-74	-81
DISC90L1	78 2 3	136	40.7685	-9.7697	3198	3208	13	44366	-83	-80
DISC90L1	78 2 3	142	40.7557	-9.7760	3156	3164	13	44352	-92	-80
DISC90L1	78 2 3	148	40.7428	-9.7823	3118	3125	13	44342	-97	-81
DISC90L1	78 2 3	154	40.7300	-9.7888	3079	3087	13	44328	-106	-81
DISC90L1	78 2 3	2 0	40.7172	-9.7952	3022	3028	13	44318	-110	-79
DISC90L1	78 2 3	2 6	40.7043	-9.8017	2927	2933	13	44308	-115	-78
DISC90L1	78 2 3	212	40.6915	-9.8080	2916	2922	13	44296	-122	-77
DISC90L1	78 2 3	218	40.6788	-9.8143	2876	2882	13	44288	-125	-74
DISC90L1	78 2 3	224	40.6660	-9.8205	2812	2818	13	44280	-128	-70
DISC90L1	78 2 3	230	40.6533	-9.8265	2737	2741	13	44272	-130	-67
DISC90L1	78 2 3	236	40.6412	-9.8330	2692	2697	13	44266	-131	-65
DISC90L1	78 2 3	242	40.6288	-9.8395	2615	2619	13	44262	-130	-60
DISC90L1	78 2 3	248	40.6165	-9.8460	2499	2504	13	44252	-135	-60
DISC90L1	78 2 3	254	40.6042	-9.8527	2426	2430	13	44248	-134	-58
DISC90L1	78 2 3	3 0	40.5920	-9.8593	2446	2449	13	44244	-133	-58
DISC90L1	78 2 3	3 6	40.5797	-9.8660	2479	2484	13	44236	-136	-59
DISC90L1	78 2 3	312	40.5672	-9.8727	2525	2529	13	44230	-137	-61
DISC90L1	78 2 3	318	40.5547	-9.8795	2642	2646	13	44228	-134	-62
DISC90L1	78 2 3	324	40.5420	-9.8862	2711	2716	13	44218	-139	-65
DISC90L1	78 2 3	330	40.5295	-9.8927	2762	2767	13	44214	-138	-67
DISC90L1	78 2 3	336	40.5172	-9.8993	2796	2802	13	44206	-141	-69
DISC90L1	78 2 3	342	40.5047	-9.9060	2786	2791	13	44204	-138	-70
DISC90L1	78 2 3	348	40.4922	-9.9127	2816	2822	13	44198	-139	-70
DISC90L1	78 2 3	354	40.4798	-9.9195	2865	2871	13	44192	-140	-72
DISC90L1	78 2 3	4 0	40.4673	-9.9262	2910	2917	13	44190	-137	-73
DISC90L1	78 2 3	4 6	40.4548	-9.9328	2974	2981	13	44186	-136	-74
DISC90L1	78 2 3	412	40.4423	-9.9397	3006	3012	13	44178	-139	-76
DISC90L1	78 2 3	418	40.4298	-9.9463	3092	3100	13	44174	-138	-78
DISC90L1	78 2 3	424	40.4175	-9.9530	3173	3180	13	44174	-133	-80
DISC90L1	78 2 3	430	40.4052	-9.9597	3194	3202	13	44170	-132	-81
DISC90L1	78 2 3	436	40.3927	-9.9663	3206	3215	13	44166	-131	-82
DISC90L1	78 2 3	442	40.3803	-9.9728	3302	3312	13	44164	-127	-84
DISC90L1	78 2 3	448	40.3677	-9.9797	3339	3349	13	44158	-128	-86
DISC90L1	78 2 3	454	40.3553	-9.9863	3380	3391	13	44156	-125	-86
DISC90L1	78 2 3	5 0	40.3428	-9.9930	3537	3550	13	44148	-128	-89
DISC90L1	78 2 3	5 6	40.3303	-9.9995	3572	3584	13	44144	-127	
DISC90L1	78 2 3	512	40.3178	-10.0063	3629	3643	13	44142	-124	-91
DISC90L1	78 2 3	518	40.3053	-10.0130	3653	3667	13	44136	-125	-92
DISC90L1	78 2 3	524	40.2930	-10.0197	3682	3696	13	44130	-126	-92
DISC90L1	78 2 3	530	40.2805	-10.0260	3714	3729	13	44126	-124	-93
DISC90L1	78 2 3	536	40.2682	-10.0322	3733	3747	13	44122	-123	-92
DISC90L1	78 2 3	542	40.2558	-10.0385	3736	3751	13	44116	-124	-92
DISC90L1	78 2 3	548	40.2433	-10.0448	3727	3742	13	44110	-125	-92
DISC90L1	78 2 3	554	40.2310	-10.0510	3731	3745	13	44106	-124	-91
DISC90L1	78 2 3	6 0	40.2187	-10.0572	3727	3742	13	44100	-125	-92
DISC90L1	78 2 3	6 6	40.2063	-10.0635	3762	3776	13	44096	-124	-90
DISC90L1	78 2 3	612	40.1938	-10.0697	3797	3813	13	44090	-125	-90
DISC90L1	78 2 3	618	40.1813	-10.0760	3762	3776	13	44086	-124	-89
DISC90L1	78 2 3	624	40.1690	-10.0822	3772	3787	13	44082	-123	-88
DISC90L1	78 2 3	630	40.1567	-10.0883	3732	3747	13	44080	-120	-87
DISC90L1	78 2 3	636	40.1442	-10.0947	3657	3670	13	44078	-117	-85
DISC90L1	78 2 3	642	40.1317	-10.1010	3736	3751	13	44074	-116	-86
DISC90L1	78 2 3	648	40.1193	-10.1073	3768	3784	13	44070	-115	-85
DISC90L1	78 2 3	654	40.1068	-10.1137	3777	3793	13	44066	-114	-86
DISC90L1	78 2 3	7 0	40.0943	-10.1202	3796	3813	13	44062	-113	-89
DISC90L1	78 2 3	7 6	40.0818	-10.1270	3794	3809	13	44062	-108	-89
DISC90L1	78 2 3	712	40.0693	-10.1332	3768	3784	13	44060	-105	-90
DISC90L1	78 2 3	718	40.0570	-10.1395	3750	3765	13	44060	-100	-93
DISC90L1	78 2 3	724	40.0442	-10.1465	3796	3813	13	44058	-96	-94
DISC90L1	78 2 3	730	40.0312	-10.1535	3768	3784	13	44056	-93	-95
DISC90L1	78 2 3	736	40.0183	-10.1605	3807	3822	13	44054	-90	-96
DISC90L1	78 2 3	742	40.0053	-10.1673	3802	3817	13	44050	-89	-98
DISC90L1	78 2 3	748	39.9920	-10.1727	3823	3839	13	44046	-88	-97
DISC90L1	78 2 3	754	39.9782	-10.1708	3752	3767	13	44042	-86	-97
DISC90L1	78 2 3	8 0	39.9645	-10.1678	3747	3762	13	44034	-88	-98
DISC90L1	78 2 3	8 6	39.9508	-10.1650	3716	3731	13	44026	-90	-100
DISC90L1	78 2 3	812	39.9373	-10.1622	3725	3740	13	44020	-91	-101
DISC90L1	78 2 3	818	39.9237	-10.1593	3676	3691	13	44010	-95	-104
DISC90L1	78 2 3	824	39.9100	-10.1567	3797	3813	13	44002	-97	-106
DISC90L1	78 2 3	830	39.8963	-10.1540	3932	3950	13	43996	-97	-109
DISC90L1	78 2 3	836	39.8825	-10.1512	3954	3972	13	43986	-101	-109
DISC90L1	78 2 3	842	39.8690	-10.1485	3937	3956	13	43980	-101	-109
DISC90L1	78 2 3	848	39.8552	-10.1458	3892	3910	13	43972	-103	-107
DISC90L1	78 2 3	854	39.8415	-10.1430	3843	3859	13	43964	-106	-106
DISC90L1	78 2 3	9 0	39.8277	-10.1402	3756	3771	13	43958	-106	-102
DISC90L1	78 2 3	9 6	39.8138	-10.1375	3692	3705	13	43952	-106	-97
DISC90L1	78 2 3	912	39.8002	-10.1348	3632	3647	13	43946	-106	-92
DISC90L1	78 2 3	918	39.7863	-10.1322	3516	3528	13	43944	-102	-84
DISC90L1	78 2 3	924	39.7727	-10.1293				43940	-100	-77
DISC90L1	78 2 3	930	39.7590	-10.1267	2652	2657	13	43938	-96	-70
DISC90L1	78 2 3	936	39.7452	-10.1238	2447	2451	13	43934	-94	-64

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 2 3	942	39.7315	-10.1212	2318	2323	13	43930	-92	-60
DISC90L1	78 2 3	948	39.7178	-10.1185	2250	2253	13	43924	-93	-58
DISC90L1	78 2 3	954	39.7042	-10.1157	2252	2255	13	43922	-89	-59
DISC90L1	78 2 3	10 0	39.6905	-10.1130	2391	2396	13	43918	-87	-63
DISC90L1	78 2 3	10 6	39.6770	-10.1103	2607	2612	13	43910	-89	-69
DISC90L1	78 2 3	1012	39.6635	-10.1077	3102	3109	13	43902	-91	-73
DISC90L1	78 2 3	1018	39.6502	-10.1050	3242	3250	13	43896	-92	-76
DISC90L1	78 2 3	1024	39.6368	-10.1022	3057	3065	13	43886	-96	-76
DISC90L1	78 2 3	1030	39.6233	-10.0995	2902	2908	13	43880	-96	-75
DISC90L1	78 2 3	1036	39.6102	-10.0968	2728	2732	13	43872	-98	-74
DISC90L1	78 2 3	1042	39.5968	-10.0940	2636	2641	13	43864	-101	-74
DISC90L1	78 2 3	1048	39.5833	-10.0913	2636	2641	13	43854	-105	-75
DISC90L1	78 2 3	1054	39.5698	-10.0885	2802	2807	13	43844	-109	-78
DISC90L1	78 2 3	11 0	39.5562	-10.0858	3147	3155	13	43832	-115	-81
DISC90L1	78 2 3	11 6	39.5425	-10.0832	3285	3294	13	43822	-119	-84
DISC90L1	78 2 3	1112	39.5288	-10.0805	3476	3488	13	43812	-124	-84
DISC90L1	78 2 3	1118	39.5152	-10.0778	3772	3787	13	43798	-132	-82
DISC90L1	78 2 3	1124	39.5017	-10.0752	3447	3458	13	43790	-134	-78
DISC90L1	78 2 3	1130	39.4883	-10.0727	3271	3281	13	43778	-140	-72
DISC90L1	78 2 3	1136	39.4748	-10.0702	3097	3105	13	43766	-146	-67
DISC90L1	78 2 3	1142	39.4615	-10.0680	2817	2822	13	43754	-153	-60
DISC90L1	78 2 3	1148	39.4482	-10.0658	2751	2756	13	43742	-159	-52
DISC90L1	78 2 3	1154	39.4347	-10.0638	2629	2633	13	43724	-171	-41
DISC90L1	78 2 3	12 0	39.4213	-10.0617	2541	2546	13	43706	-184	-30
DISC90L1	78 2 3	12 6	39.4082	-10.0595	1996	1999	13	43688	-196	-17
DISC90L1	78 2 3	1212	39.3946	-10.0575	1802	1803	13	43688	-190	-3
DISC90L1	78 2 3	1218	39.3817	-10.0553	1683	1684	13	43694	-179	11
DISC90L1	78 2 3	1224	39.3683	-10.0532	1570	1573	13	43684	-183	26
DISC90L1	78 2 3	1230	39.3548	-10.0510	11136	1138	13	43682	-179	49
DISC90L1	78 2 3	1236	39.3415	-10.0490	672	675	13	43688	-167	76
DISC90L1	78 2 3	1242	39.3280	-10.0470	403	404	13	43698	-152	97
DISC90L1	78 2 3	1248	39.3147	-10.0450	374	377	13	43712	-132	109
DISC90L1	78 2 3	1254	39.3015	-10.0428	356	358	13	43716	-122	115
DISC90L1	78 2 3	13 0	39.2882	-10.0407	339	340	13	43698	-135	119
DISC90L1	78 2 3	13 6	39.2748	-10.0402	325	327	13	43698	-129	123
DISC90L1	78 2 3	1312	39.2695	-10.0537	315	318	13	43686	-139	127
DISC90L1	78 2 3	1318	39.2713	-10.0695	316	318	13	43700	-126	132
DISC90L1	78 2 3	1324	39.2728	-10.0860	317	320	13	43708	-119	136
DISC90L1	78 2 3	1330	39.2745	-10.1037	302	304	13	43702	-126	141
DISC90L1	78 2 3	1336	39.2763	-10.1212	304	305	13	43688	-141	143
DISC90L1	78 2 3	1342	39.2783	-10.1393	338	340	13	43674	-156	140
DISC90L1	78 2 3	1348	39.2802	-10.1577	469	472	13	43750	-81	131
DISC90L1	78 2 3	1354	39.2822	-10.1760	606	607	13	43660	-172	122
DISC90L1	78 2 3	14 0	39.2838	-10.1933	806	808	13	43636	-197	112
DISC90L1	78 2 3	14 6	39.2858	-10.2103	886	889	13	43618	-216	106
DISC90L1	78 2 3	1412	39.2887	-10.2273	1117	1119	13	43632	-203	97
DISC90L1	78 2 3	1418	39.2915	-10.2443	1214	1216	13	43630	-207	95
DISC90L1	78 2 3	1424	39.2943	-10.2610	1241	1244	13	43624	-214	93
DISC90L1	78 2 3	1430	39.2972	-10.2777	1244	1245	13	43622	-218	93
DISC90L1	78 2 3	1436	39.2998	-10.2945	1321	1322	13	43626	-215	95
DISC90L1	78 2 3	1442	39.3028	-10.3118	1402	1405	13	43630	-212	94
DISC90L1	78 2 3	1448	39.3058	-10.3295	1477	1479	13	43630	-214	94
DISC90L1	78 2 3	1454	39.3088	-10.3472	1555	1558	13	43632	-214	93
DISC90L1	78 2 3	15 0	39.3118	-10.3648	1661	1664	13	43638	-209	94
DISC90L1	78 2 3	15 6	39.3147	-10.3827	1700	1703	13	43638	-210	95
DISC90L1	78 2 3	1512	39.3168	-10.4005	1759	1761	13	43640	-210	96
DISC90L1	78 2 3	1518	39.3188	-10.4183	1841	1843	13	43640	-211	96
DISC90L1	78 2 3	1524	39.3210	-10.4363	1928	1931	13	43642	-210	95
DISC90L1	78 2 3	1530	39.3230	-10.4542	1990	1993	13	43644	-209	95
DISC90L1	78 2 3	1536	39.3250	-10.4718	2083	2085	13	43650	-204	92
DISC90L1	78 2 3	1542	39.3272	-10.4893	2098	2101	13	43654	-201	90
DISC90L1	78 2 3	1548	39.3290	-10.5072	2227	2231	13	43656	-200	89
DISC90L1	78 2 3	1554	39.3312	-10.5252	2293	2297	13	43654	-203	87
DISC90L1	78 2 3	16 0	39.3332	-10.5432	2367	2370	13	43654	-205	84
DISC90L1	78 2 3	16 6	39.3352	-10.5610	2414	2418	13	43654	-206	82
DISC90L1	78 2 3	1612	39.3372	-10.5787	2447	2451	13	43658	-203	79
DISC90L1	78 2 3	1618	39.3395	-10.5967	2500	2504	13	43660	-202	76
DISC90L1	78 2 3	1624	39.3453	-10.6115	2396	2399	13	43672	-193	73
DISC90L1	78 2 3	1630	39.3555	-10.6203	2488	2491	13	43686	-183	69
DISC90L1	78 2 3	1636	39.3677	-10.6247	2661	2666	13	43696	-178	56
DISC90L1	78 2 3	1642	39.3800	-10.6288	2956	2963	13	43710	-170	44
DISC90L1	78 2 3	1648	39.3928	-10.6330	3202	3210	13	43722	-163	33
DISC90L1	78 2 3	1654	39.4057	-10.6372	3342	3352	13	43736	-155	22
DISC90L1	78 2 3	17 0	39.4185	-10.6413	3497	3509	13	43746	-150	13
DISC90L1	78 2 3	17 6	39.4312	-10.6455	3637	3650	13	43756	-146	4
DISC90L1	78 2 3	1712	39.4438	-10.6495	3798	3815	13	43768	-139	-4
DISC90L1	78 2 3	1718	39.4565	-10.6532	4037	4058	13	43778	-135	-10
DISC90L1	78 2 3	1724	39.4695	-10.6567	4107	4128	13	43788	-130	-16
DISC90L1	78 2 3	1730	39.4820	-10.6607	4129	4150	13	43800	-124	-18
DISC90L1	78 2 3	1736	39.4950	-10.6640	4132	4153	13	43810	-119	-21
DISC90L1	78 2 3	1742	39.5078	-10.6673	4122	4142	13	43818	-117	-21
DISC90L1	78 2 3	1748	39.5208	-10.6707	4086	4106	13	43830	-110	-21
DISC90L1	78 2 3	1754	39.5338	-10.6740	4032	4053	13	43838	-108	-20
DISC90L1	78 2 3	18 0	39.5470	-10.6773	3930	3948	13	43846	-105	-19
DISC90L1	78 2 3	18 6	39.5597	-10.6805	3738	3753	13	43856	-101	-19
DISC90L1	78 2 3	1812	39.5723	-10.6837	3762	3776	13	43860	-102	-18
DISC90L1	78 2 3	1818	39.5848	-10.6868	3832	3848	13	43868	-100	-19
DISC90L1	78 2 3	1824	39.5975	-10.6900	3895	3912	13	43876	-97	-21
DISC90L1	78 2 3	1830	39.6103	-10.6932	3949	3967	13	43884	-95	-24
DISC90L1	78 2 3	1836	39.6230	-10.6963	4009	4029	13	43892	-93	-27
DISC90L1	78 2 3	1842	39.6357	-10.6993	4077	4098	13	43900	-89	-30
DISC90L1	78 2 3	1848	39.6485	-10.7020	4159	4182	13	43906	-89	-33
DISC90L1	78 2 3	1854	39.6617	-10.7047	4232	4256	13	43910	-91	-36

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	34	78 2 3	19 0	39.6745	-10.7072	4327	4353	13	43916	-90	-39
DISC90L1		78 2 3	19 6	39.6878	-10.7103	4372	4398	13	43922	-90	-41
DISC90L1		78 2 3	1912	39.7017	-10.7133	4399	4428	13	43926	-92	-42
DISC90L1		78 2 3	1918	39.7157	-10.7162	4422	4449	13	43930	-94	-43
DISC90L1		78 2 3	1924	39.7295	-10.7190	4483	4512	13	43934	-96	-44
DISC90L1		78 2 3	1930	39.7433	-10.7218	4537	4568	13	43936	-100	-44
DISC90L1		78 2 3	1936	39.7572	-10.7247	4648	4682	13	43942	-100	-45
DISC90L1		78 2 3	1942	39.7708	-10.7270	4757	4795	13	43942	-105	-46
DISC90L1		78 2 3	1948	39.7848	-10.7263	4791	4830	13	43946	-107	-46
DISC90L1		78 2 3	1954	39.7988	-10.7257	4827	4866	13	43948	-111	-46
DISC90L1		78 2 3	20 0	39.8130	-10.7252	4852	4892	13	43948	-117	-46
DISC90L1		78 2 3	20 6	39.8272	-10.7243	4861	4901	13	43952	-119	-44
DISC90L1		78 2 3	2012	39.8412	-10.7237	4874	4914	13	43958	-119	-44
DISC90L1		78 2 3	2018	39.8553	-10.7230	4572	4603	13	43966	-117	-43
DISC90L1		78 2 3	2024	39.8692	-10.7222	4443	4471	13	43974	-115	-41
DISC90L1		78 2 3	2030	39.8832	-10.7215	4340	4365	13	43984	-111	-40
DISC90L1		78 2 3	2036	39.8968	-10.7208	4377	4404	13	43996	-105	-40
DISC90L1		78 2 3	2042	39.9110	-10.7203	4432	4460	13	44004	-103	-40
DISC90L1		78 2 3	2048	39.9247	-10.7198	4490	4519	13	44010	-103	-40
DISC90L1		78 2 3	2054	39.9382	-10.7192	4542	4574	13	44014	-105	-40
DISC90L1		78 2 3	21 0	39.9517	-10.7185	4594	4627	13	44012	-112	-40
DISC90L1		78 2 3	21 6	39.9650	-10.7178	4662	4696	13	44014	-116	-41
DISC90L1		78 2 3	2112	39.9783	-10.7172	4709	4744	13	44016	-120	-42
DISC90L1		78 2 3	2118	39.9928	-10.7163	4747	4784	13	44016	-126	-43
DISC90L1		78 2 3	2124	40.0063	-10.7145	4770	4806	13	44018	-130	-41
DISC90L1		78 2 3	2130	40.0192	-10.7078	4777	4815	13	44022	-131	-44
DISC90L1		78 2 3	2136	40.0317	-10.7012	4772	4810	13	44028	-130	-45
DISC90L1		78 2 3	2142	40.0442	-10.6945	4768	4804	13	44034	-129	-45
DISC90L1		78 2 3	2148	40.0567	-10.6880	4766	4802	13	44042	-126	-45
DISC90L1		78 2 3	2154	40.0693	-10.6812	4770	4806	13	44046	-128	-44
DISC90L1		78 2 3	22 0	40.0820	-10.6747	4757	4795	13	44050	-129	-45
DISC90L1		78 2 3	22 6	40.0940	-10.6670	4733	4770	13	44056	-128	-46
DISC90L1		78 2 3	2212	40.1058	-10.6587	4714	4749	13	44062	-126	-47
DISC90L1		78 2 3	2218	40.1180	-10.6502	4702	4737	13	44066	-127	-47
DISC90L1		78 2 3	2224	40.1298	-10.6418	4687	4722	13	44074	-124	-48
DISC90L1		78 2 3	2230	40.1417	-10.6335	4652	4685	13	44074	-129	-48
DISC90L1		78 2 3	2236	40.1537	-10.6248	4632	4665	13	44082	-126	-49
DISC90L1		78 2 3	2242	40.1655	-10.6165	4619	4652	13	44082	-130	-51
DISC90L1		78 2 3	2248	40.1772	-10.6083	4596	4629	13	44084	-133	-54
DISC90L1		78 2 3	2254	40.1892	-10.6000	4574	4605	13	44086	-136	-56
DISC90L1		78 2 3	23 0	40.2010	-10.5915	4564	4596	13	44090	-137	-59
DISC90L1		78 2 3	23 6	40.2120	-10.5838	4547	4577	13	44090	-141	-60
DISC90L1		78 2 3	2312	40.2197	-10.5782	4537	4568	13	44092	-142	-61
DISC90L1		78 2 3	2318	40.2305	-10.5703	4511	4541	13	44098	-141	-61
DISC90L1		78 2 3	2324	40.2425	-10.5622	4472	4501	13	44106	-138	-63
DISC90L1		78 2 3	2330	40.2545	-10.5538	4467	4497	13	44110	-138	-63
DISC90L1		78 2 3	2336	40.2665	-10.5453	4447	4475	13	44114	-139	-64
DISC90L1		78 2 3	2342	40.2783	-10.5370	4392	4420	13	44118	-140	-63
DISC90L1		78 2 3	2348	40.2903	-10.5280	4339	4365	13	44122	-141	-65
DISC90L1		78 2 3	2354	40.3020	-10.5195	4283	4307	13	44128	-140	-64
DISC90L1	35	78 2 4	0 0	40.3135	-10.5112	4237	4261	13	44132	-140	-65
DISC90L1		78 2 4	0 6	40.3248	-10.5027	4187	4210	13	44138	-139	-65
DISC90L1		78 2 4	012	40.3365	-10.4943	4146	4168	13	44142	-139	-66
DISC90L1		78 2 4	018	40.3483	-10.4858	4105	4124	13	44146	-140	-65
DISC90L1		78 2 4	024	40.3602	-10.4772	4065	4082	13	44150	-141	-65
DISC90L1		78 2 4	030	40.3718	-10.4687	4012	4031	13	44154	-142	-64
DISC90L1		78 2 4	036	40.3835	-10.4600	3982	4001	13	44162	-138	-64
DISC90L1		78 2 4	042	40.3950	-10.4515	4002	4022	13	44166	-139	-63
DISC90L1		78 2 4	048	40.4068	-10.4428	3994	4014	13	44172	-138	-61
DISC90L1		78 2 4	054	40.4188	-10.4342	3976	3994	13	44174	-141	-59
DISC90L1		78 2 4	1 0	40.4307	-10.4255	3958	3978	13	44180	-139	-59
DISC90L1		78 2 4	1 6	40.4427	-10.4167	3917	3936	13	44184	-140	-59
DISC90L1		78 2 4	112	40.4547	-10.4078	3882	3899	13	44188	-141	-59
DISC90L1		78 2 4	118	40.4667	-10.4000	3802	3817	13	44196	-138	-57
DISC90L1		78 2 4	124	40.4785	-10.3917	3706	3720	13	44204	-135	-56
DISC90L1		78 2 4	130	40.4905	-10.3838	3630	3643	13	44212	-132	-55
DISC90L1		78 2 4	136	40.5025	-10.3757	3564	3575	13	44216	-132	-53
DISC90L1		78 2 4	142	40.5147	-10.3677	3502	3513	13	44222	-131	-52
DISC90L1		78 2 4	148	40.5268	-10.3595	3462	3473	13	44228	-130	-49
DISC90L1		78 2 4	154	40.5388	-10.3513	3441	3451	13	44234	-129	-47
DISC90L1		78 2 4	2 0	40.5508	-10.3432	3419	3429	13	44236	-132	-46
DISC90L1		78 2 4	2 6	40.5628	-10.3350	3382	3392	13	44242	-131	-44
DISC90L1		78 2 4	212	40.5750	-10.3270	3347	3358	13	44244	-134	-42
DISC90L1		78 2 4	218	40.5870	-10.3193	3325	3334	13	44246	-137	-41
DISC90L1		78 2 4	224	40.5990	-10.3113	3302	3312	13	44250	-137	-41
DISC90L1		78 2 4	230	40.6112	-10.3037	3292	3301	13	44256	-136	-40
DISC90L1		78 2 4	236	40.6233	-10.2958	3284	3294	13	44262	-135	-40
DISC90L1		78 2 4	242	40.6355	-10.2880	3302	3312	13	44266	-136	-42
DISC90L1		78 2 4	248	40.6473	-10.2802	3439	3451	13	44266	-141	-43
DISC90L1		78 2 4	254	40.6595	-10.2723	3509	3520	13	44270	-142	-45
DISC90L1		78 2 4	3 0	40.6717	-10.2643	3599	3612	13	44274	-143	-47
DISC90L1		78 2 4	3 6	40.6840	-10.2565	3679	3694	13	44278	-144	-51
DISC90L1		78 2 4	312	40.6962	-10.2488	3669	3683	13	44284	-143	-52
DISC90L1		78 2 4	318	40.7083	-10.2408	3662	3676	13	44290	-142	-54
DISC90L1		78 2 4	324	40.7203	-10.2328	3737	3753	13	44294	-142	-55
DISC90L1		78 2 4	330	40.7325	-10.2248	3815	3831	13	44296	-145	-56
DISC90L1		78 2 4	336	40.7448	-10.2168	3802	3817	13	44300	-146	-55
DISC90L1		78 2 4	342	40.7570	-10.2088	3734	3749	13	44304	-147	-54
DISC90L1		78 2 4	348	40.7693	-10.2008	3705	3720	13	44308	-148	-51
DISC90L1		78 2 4	354	40.7817	-10.1928	3748	3764	13	44314	-147	-47
DISC90L1		78 2 4	4 0	40.7938	-10.1847	3681	3694	13	44320	-146	-42
DISC90L1		78 2 4	4 6	40.8062	-10.1767	3630	3643	13	44328	-143	-37
DISC90L1		78 2 4	412	40.8183	-10.1687	3452	3464	13	44332	-144	-31

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 2 4	418	40.8305	-10.1605	2682	2687	13	44336	-145	-25
DISC90L1	78 2 4	424	40.8427	-10.1523	2802	2807	13	44342	-144	-23
DISC90L1	78 2 4	430	40.8545	-10.1445	3304	3314	13	44348	-143	-24
DISC90L1	78 2 4	436	40.8662	-10.1368	3297	3306	13	44352	-143	-24
DISC90L1	78 2 4	442	40.8777	-10.1283	3347	3358	13	44356	-142	-27
DISC90L1	78 2 4	448	40.8892	-10.1197	3439	3451	13	44362	-143	-31
DISC90L1	78 2 4	454	40.9010	-10.1110	3512	3524	13	44368	-141	
DISC90L1	78 2 4	5 0	40.9128	-10.1023	3551	3564	13	44372	-142	-38
DISC90L1	78 2 4	5 6	40.9245	-10.0937	3607	3619	13	44376	-143	-41
DISC90L1	78 2 4	512	40.9363	-10.0850	3667	3681	13	44386	-138	-43
DISC90L1	78 2 4	518	40.9485	-10.0793	3707	3722	13	44392	-137	-45
DISC90L1	78 2 4	524	40.9617	-10.0780	3745	3760	13	44400	-134	-46
DISC90L1	78 2 4	530	40.9747	-10.0768	3789	3806	13	44408	-131	-45
DISC90L1	78 2 4	536	40.9878	-10.0755	3802	3817	13	44416	-129	-45
DISC90L1	78 2 4	542	41.0008	-10.0740	3809	3824	13	44424	-125	-45
DISC90L1	78 2 4	548	41.0140	-10.0725	3799	3815	13	44432	-122	-43
DISC90L1	78 2 4	554	41.0270	-10.0708	3802	3817	13	44442	-118	-43
DISC90L1	78 2 4	6 0	41.0402	-10.0693	3772	3787	13	44452	-113	-42
DISC90L1	78 2 4	6 6	41.0533	-10.0678	3697	3711	13	44460	-110	-41
DISC90L1	78 2 4	612	41.0665	-10.0667	3629	3643	13	44470	-105	-41
DISC90L1	78 2 4	618	41.0793	-10.0655	3692	3705	13	44478	-103	-41
DISC90L1	78 2 4	624	41.0923	-10.0637	3787	3802	13	44484	-102	-40
DISC90L1	78 2 4	630	41.1052	-10.0623	3836	3853	13	44492	-99	-41
DISC90L1	78 2 4	636	41.1182	-10.0608	3852	3868	13	44500	-96	-39
DISC90L1	78 2 4	642	41.1310	-10.0595	3857	3873	13	44508	-93	-38
DISC90L1	78 2 4	648	41.1442	-10.0582	3843	3859	13	44510	-97	-39
DISC90L1	78 2 4	654	41.1573	-10.0568	3810	3826	13	44514	-98	-38
DISC90L1	78 2 4	7 0	41.1703	-10.0555	3773	3787	13	44514	-103	-38
DISC90L1	78 2 4	7 6	41.1833	-10.0542	3747	3762	13	44514	-108	-36
DISC90L1	78 2 4	712	41.1963	-10.0528	3711	3725	13	44512	-116	-34
DISC90L1	78 2 4	718	41.2093	-10.0517	3610	3623	13	44510	-132	-32
DISC90L1	78 2 4	724	41.2222	-10.0505	3545	3557	13	44504	-142	-30
DISC90L1	78 2 4	730	41.2350	-10.0493	3486	3497	13	44496	-147	-27
DISC90L1	78 2 4	736	41.2482	-10.0482	3416	3427	13	44490	-158	-25
DISC90L1	78 2 4	742	41.2612	-10.0470	3327	3336	13	44482	-172	-23
DISC90L1	78 2 4	748	41.2745	-10.0452	3289	3297	13	44474	-185	-21
DISC90L1	78 2 4	754	41.2877	-10.0433	3186	3195	13	44470	-194	-17
DISC90L1	78 2 4	8 0	41.3008	-10.0417	3122	3129	13	44468	-202	-16
DISC90L1	78 2 4	8 6	41.3138	-10.0403	3215	3224	13	44468	-207	-17
DISC90L1	78 2 4	812	41.3273	-10.0392	3252	3261	13	44470	-210	-18
DISC90L1	78 2 4	818	41.3408	-10.0378	3308	3317	13	44478	-208	-18
DISC90L1	78 2 4	824	41.3543	-10.0368	3322	3332	13	44484	-207	-18
DISC90L1	78 2 4	830	41.3680	-10.0355	3292	3301	13	44496	-201	-19
DISC90L1	78 2 4	836	41.3815	-10.0342	3302	3312	13	44504	-198	-19
DISC90L1	78 2 4	842	41.3950	-10.0328	3318	3328	13	44510	-197	-17
DISC90L1	78 2 4	848	41.4088	-10.0312	3307	3317	13	44516	-197	-17
DISC90L1	78 2 4	854	41.4225	-10.0295	3287	3295	13	44522	-196	-17
DISC90L1	78 2 4	9 0	41.4358	-10.0280	3262	3272	13	44524	-200	-15
DISC90L1	78 2 4	9 6	41.4493	-10.0263	3228	3237	13	44526	-203	-14
DISC90L1	78 2 4	912	41.4630	-10.0248	3188	3197	13	44528	-207	-13
DISC90L1	78 2 4	918	41.4767	-10.0233	3151	3160	13	44532	-208	-12
DISC90L1	78 2 4	924	41.4903	-10.0220	3129	3136	13	44538	-208	-11
DISC90L1	78 2 4	930	41.5038	-10.0203	3124	3131	13	44544	-207	-10
DISC90L1	78 2 4	936	41.5175	-10.0187	3108	3116	13	44552	-205	-9
DISC90L1	78 2 4	942	41.5310	-10.0170	3092	3100	13	44560	-202	-9
DISC90L1	78 2 4	948	41.5448	-10.0153	3071	3078	13	44572	-196	-9
DISC90L1	78 2 4	954	41.5583	-10.0138	3026	3034	13	44584	-189	-8
DISC90L1	78 2 4	10 0	41.5718	-10.0120	3002	3008	13	44596	-182	-7
DISC90L1	78 2 4	10 6	41.5852	-10.0105	3002	3008	13	44608	-176	-7
DISC90L1	78 2 4	1012	41.5985	-10.0088	3002	3008	13	44620	-169	-7
DISC90L1	78 2 4	1018	41.6117	-10.0070	2982	2988	13	44632	-162	-6
DISC90L1	78 2 4	1024	41.6252	-10.0053	2956	2963	13	44642	-158	-5
DISC90L1	78 2 4	1030	41.6383	-10.0037	2927	2933	13	44650	-155	
DISC90L1	78 2 4	1036	41.6517	-10.0020	2916	2922	13	44658	-153	-4
DISC90L1	78 2 4	1042	41.6648	-10.0002	2902	2908	13	44662	-154	-3
DISC90L1	78 2 4	1048	41.6783	-9.9990	2892	2899	13	44668	-153	-2
DISC90L1	78 2 4	1054	41.6920	-9.9978	2871	2877	13	44674	-152	1
DISC90L1	78 2 4	11 0	41.7057	-9.9967	2844	2849	13	44680	-152	4
DISC90L1	78 2 4	11 6	41.7192	-9.9958	2812	2818	13	44686	-151	7
DISC90L1	78 2 4	1112	41.7330	-9.9955	2751	2756	13	44690	-153	12
DISC90L1	78 2 4	1118	41.7465	-9.9952	2791	2796	13	44690	-158	17
DISC90L1	78 2 4	1124	41.7602	-9.9948	2442	2445	13	44692	-161	22
DISC90L1	78 2 4	1130	41.7740	-9.9945	2271	2275	13	44692	-167	24
DISC90L1	78 2 4	1136	41.7878	-9.9942	2249	2251	13	44692	-173	22
DISC90L1	78 2 4	1142	41.8018	-9.9937	2351	2355	13	44690	-180	16
DISC90L1	78 2 4	1148	41.8155	-9.9938	2666	2670	13	44688	-188	10
DISC90L1	78 2 4	1154	41.8288	-9.9933	2706	2710	13	44688	-193	4
DISC90L1	78 2 4	12 0	41.8423	-9.9928	2698	2703	13	44690	-196	-1
DISC90L1	78 2 4	12 6	41.8560	-9.9923	2689	2694	13	44690	-202	-4
DISC90L1	78 2 4	1212	41.8697	-9.9918	2679	2685	13	44694	-203	-7
DISC90L1	78 2 4	1218	41.8840	-9.9917	2660	2665	13	44698	-205	-10
DISC90L1	78 2 4	1224	41.8982	-9.9917	2635	2641	13	44708	-201	-11
DISC90L1	78 2 4	1230	41.9125	-9.9917	2617	2621	13	44716	-199	-10
DISC90L1	78 2 4	1236	41.9267	-9.9915	2596	2601	13	44722	-198	-9
DISC90L1	78 2 4	1242	41.9410	-9.9913	2587	2591	13	44730	-196	-9
DISC90L1	78 2 4	1248	41.9552	-9.9912	2577	2580	13	44738	-194	-8
DISC90L1	78 2 4	1254	41.9695	-9.9912	2567	2571	13	44748	-189	-6
DISC90L1	78 2 4	13 0	41.9837	-9.9908	2537	2542	13	44756	-187	-4
DISC90L1	78 2 4	13 6	41.9977	-9.9905	2504	2507	13	44764	-185	-2
DISC90L1	78 2 4	1312	42.0112	-9.9932	2493	2496	13	44772	-183	-1
DISC90L1	78 2 4	1318	42.0248	-9.9973	2487	2491	13	44778	-183	-1
DISC90L1	78 2 4	1324	42.0385	-10.0013	2458	2462	13	44784	-181	-1
DISC90L1	78 2 4	1330	42.0520	-10.0053	2466	2471	13	44792	-178	-0

CRUISE IDENT		DATE			HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	35	78	2	4	1336	42.0655	-10.0093	2467	2471	13	44798	-178	0
DISC90L1		78	2	4	1342	42.0792	-10.0135	2475	2480	13	44806	-175	1
DISC90L1		78	2	4	1348	42.0928	-10.0175	2487	2491	13	44812	-175	1
DISC90L1		78	2	4	1354	42.1067	-10.0217	2497	2502	13	44816	-176	0
DISC90L1		78	2	4	14 0	42.1205	-10.0258	2506	2511	13	44822	-176	-0
DISC90L1		78	2	4	14 6	42.1338	-10.0297	2527	2531	13	44828	-175	-1
DISC90L1		78	2	4	1412	42.1475	-10.0338	2551	2555	13	44834	-174	-2
DISC90L1		78	2	4	1418	42.1610	-10.0377	2572	2577	13	44838	-176	-2
DISC90L1		78	2	4	1424	42.1747	-10.0417	2580	2584	13	44844	-175	-2
DISC90L1		78	2	4	1430	42.1883	-10.0460	2587	2591	13	44848	-177	-1
DISC90L1		78	2	4	1436	42.2018	-10.0503	2590	2595	13	44852	-178	0
DISC90L1		78	2	4	1442	42.2153	-10.0545	2596	2601	13	44854	-181	2
DISC90L1		78	2	4	1448	42.2292	-10.0588	2607	2612	13	44860	-181	4
DISC90L1		78	2	4	1454	42.2428	-10.0632	2612	2617	13	44860	-186	5
DISC90L1		78	2	4	15 0	42.2563	-10.0677	2617	2621	13	44862	-190	8
DISC90L1		78	2	4	15 6	42.2698	-10.0718	2617	2621	13	44866	-191	11
DISC90L1		78	2	4	1512	42.2833	-10.0762	2612	2617	13	44872	-191	14
DISC90L1		78	2	4	1518	42.2968	-10.0805	2626	2632	13	44876	-192	17
DISC90L1		78	2	4	1524	42.3103	-10.0847	2633	2637	13	44878	-195	20
DISC90L1		78	2	4	1530	42.3238	-10.0888	2641	2644	13	44884	-195	23
DISC90L1		78	2	4	1536	42.3373	-10.0932	2646	2650	13	44886	-198	24
DISC90L1		78	2	4	1542	42.3510	-10.0973	2648	2652	13	44892	-198	27
DISC90L1		78	2	4	1548	42.3643	-10.1015	2653	2657	13	44896	-199	29
DISC90L1		78	2	4	1554	42.3778	-10.1057	2665	2670	13	44902	-198	30
DISC90L1		78	2	4	16 0	42.3913	-10.1098	2678	2683	13	44912	-194	31
DISC90L1		78	2	4	16 6	42.4050	-10.1138	2693	2697	13	44920	-191	32
DISC90L1		78	2	4	1612	42.4183	-10.1175	2708	2714	13	44930	-186	32
DISC90L1		78	2	4	1618	42.4318	-10.1213	2716	2721	13	44940	-182	33
DISC90L1		78	2	4	1624	42.4453	-10.1252	2723	2729	13	44948	-179	34
DISC90L1		78	2	4	1630	42.4587	-10.1292	2727	2732	13	44954	-179	35
DISC90L1		78	2	4	1636	42.4715	-10.1332	2732	2738	13	44962	-176	36
DISC90L1		78	2	4	1642	42.4836	-10.1368	2755	2761	13	44972	-171	36
DISC90L1		78	2	4	1648	42.4963	-10.1403	2772	2778	13	44972	-176	37
DISC90L1		78	2	4	1654	42.5090	-10.1440	2742	2747	13	44982	-171	38
DISC90L1		78	2	4	17 0	42.5217	-10.1475	2716	2721	13	44988	-170	38
DISC90L1		78	2	4	17 6	42.5338	-10.1510	2681	2685	13	44992	-171	39
DISC90L1		78	2	4	1712	42.5462	-10.1547	2654	2659	13	44998	-169	39
DISC90L1		78	2	4	1718	42.5585	-10.1582	2622	2626	13	45002	-170	40
DISC90L1		78	2	4	1724	42.5708	-10.1618	2596	2601	13	45010	-167	40
DISC90L1		78	2	4	1730	42.5832	-10.1653	2578	2582	13	45012	-170	40
DISC90L1		78	2	4	1736	42.5957	-10.1688	2567	2571	13	45016	-171	40
DISC90L1		78	2	4	1742	42.6078	-10.1720	2562	2566	13	45022	-170	38
DISC90L1		78	2	4	1748	42.6202	-10.1753	2567	2571	13	45028	-169	36
DISC90L1		78	2	4	1754	42.6328	-10.1788	2588	2593	13	45032	-170	34
DISC90L1		78	2	4	18 0	42.6452	-10.1822	2612	2617	13	45036	-171	33
DISC90L1		78	2	4	18 6	42.6578	-10.1857	2644	2648	13	45040	-172	31
DISC90L1		78	2	4	1812	42.6703	-10.1890	2671	2676	13	45044	-173	28
DISC90L1		78	2	4	1818	42.6828	-10.1925	2679	2685	13	45048	-174	26
DISC90L1		78	2	4	1824	42.6952	-10.1958	2688	2692	13	45054	-173	25
DISC90L1		78	2	4	1830	42.7077	-10.1990	2716	2721	13	45060	-172	23
DISC90L1		78	2	4	1836	42.7200	-10.2020	2752	2758	13	45064	-173	22
DISC90L1		78	2	4	1842	42.7325	-10.2050	2784	2789	13	45070	-172	20
DISC90L1		78	2	4	1848	42.7450	-10.2080	2822	2827	13	45076	-171	17
DISC90L1		78	2	4	1854	42.7573	-10.2112	2849	2855	13	45082	-170	15
DISC90L1		78	2	4	19 0	42.7698	-10.2142	2876	2882	13	45086	-171	15
DISC90L1		78	2	4	19 6	42.7823	-10.2173	2900	2906	13	45090	-172	14
DISC90L1		78	2	4	1912	42.7947	-10.2205	2927	2933	13	45096	-170	12
DISC90L1		78	2	4	1918	42.8073	-10.2235	2951	2957	13	45102	-169	11
DISC90L1		78	2	4	1924	42.8198	-10.2267	2984	2990	13	45108	-168	10
DISC90L1		78	2	4	1930	42.8323	-10.2298	2986	2994	13	45110	-171	10
DISC90L1		78	2	4	1936	42.8448	-10.2328	2939	2946	13	45116	-170	10
DISC90L1		78	2	4	1942	42.8573	-10.2360	2927	2933	13	45122	-169	10
DISC90L1		78	2	4	1948	42.8700	-10.2390	2970	2977	13	45128	-168	10
DISC90L1		78	2	4	1954	42.8828	-10.2427	3002	3008	13	45134	-168	9
DISC90L1		78	2	4	20 0	42.8957	-10.2462	3052	3060	13	45140	-167	9
DISC90L1		78	2	4	20 6	42.9083	-10.2498	3095	3102	13	45146	-166	10
DISC90L1		78	2	4	2012	42.9210	-10.2530	3145	3153	13	45152	-165	9
DISC90L1		78	2	4	2018	42.9337	-10.2562	3190	3199	13	45158	-164	8
DISC90L1		78	2	4	2024	42.9457	-10.2608	3227	3235	13	45164	-163	6
DISC90L1		78	2	4	2030	42.9512	-10.2757	3267	3277	13	45164	-165	4
DISC90L1		78	2	4	2036	42.9510	-10.2942	3295	3305	13	45160	-169	2
DISC90L1		78	2	4	2042	42.9505	-10.3127	3310	3319	13	45156	-174	-0
DISC90L1		78	2	4	2048	42.9502	-10.3310	3323	3332	13	45154	-176	-4
DISC90L1		78	2	4	2054	42.9497	-10.3493	3338	3349	13	45150	-180	-7
DISC90L1		78	2	4	21 0	42.9492	-10.3678	3355	3365	13	45150	-180	-10
DISC90L1		78	2	4	21 6	42.9487	-10.3865	3368	3378	13	45148	-183	-12
DISC90L1		78	2	4	2112	42.9485	-10.4047	3383	3394	13	45150	-181	-13
DISC90L1		78	2	4	2118	42.9485	-10.4227	3353	3363	13	45150	-181	-15
DISC90L1		78	2	4	2124	42.9485	-10.4408	3337	3347	13	45150	-182	-16
DISC90L1		78	2	4	2130	42.9485	-10.4588	3317	3327	13	45154	-178	-17
DISC90L1		78	2	4	2136	42.9485	-10.4770	3319	3328	13	45156	-176	-17
DISC90L1		78	2	4	2142	42.9483	-10.4948	3323	3332	13	45158	-175	-17
DISC90L1		78	2	4	2148	42.9488	-10.5127	3328	3338	13	45160	-173	-16
DISC90L1		78	2	4	2154	42.9495	-10.5305	3330	3339	13	45164	-170	-15
DISC90L1		78	2	4	22 0	42.9505	-10.5487	3333	3343	13	45166	-169	-13
DISC90L1		78	2	4	22 6	42.9515	-10.5670	3313	3323	13	45168	-168	-11
DISC90L1		78	2	4	2212	42.9525	-10.5850	3278	3288	13	45170	-166	-7
DISC90L1		78	2	4	2218	42.9537	-10.6033	3252	3261	13	45170	-167	-4
DISC90L1		78	2	4	2224	42.9547	-10.6213	3208	3217	13	45172	-166	-0
DISC90L1		78	2	4	2230	42.9558	-10.6400	3202	3210	13	45176	-163	2
DISC90L1		78	2	4	2236	42.9568	-10.6582	3191	3200	13	45176	-164	5
DISC90L1		78	2	4	2242	42.9578	-10.6760	3178	3186	13	45180	-161	8
DISC90L1		78	2	4	2248	42.9590	-10.6940	3172	3180	13	45180	-161	10

CRUISE IDENT		DATE			HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1		78	2	4	2254	42.9600	-10.7123	3207	3215	13	45182	-160	13
DISC90L1		78	2	4	23 0	42.9610	-10.7303	3182	3191	13	45186	-157	16
DISC90L1		78	2	4	23 6	42.9620	-10.7485	3108	3116	13	45186	-158	19
DISC90L1		78	2	4	2312	42.9630	-10.7665	3026	3034	13	45188	-157	22
DISC90L1		78	2	4	2318	42.9640	-10.7845	2948	2955	13	45190	-155	25
DISC90L1		78	2	4	2324	42.9650	-10.8025	2882	2888	13	45188	-158	27
DISC90L1		78	2	4	2330	42.9660	-10.8205	2839	2846	13	45190	-157	30
DISC90L1		78	2	4	2336	42.9670	-10.8383	2802	2807	13	45190	-158	32
DISC90L1		78	2	4	2342	42.9680	-10.8558	2754	2760	13	45192	-156	35
DISC90L1		78	2	4	2348	42.9690	-10.8738	2709	2714	13	45192	-157	39
DISC90L1		78	2	4	2354	42.9700	-10.8918	2644	2648	13	45192	-158	42
DISC90L1	36	78	2	5	0 0	42.9710	-10.9100	2565	2569	13	45192	-159	46
DISC90L1		78	2	5	0 6	42.9718	-10.9277	2517	2522	13	45194	-158	49
DISC90L1		78	2	5	012	42.9733	-10.9457	2476	2480	13	45194	-159	50
DISC90L1		78	2	5	018	42.9748	-10.9638	2459	2463	13	45196	-158	51
DISC90L1		78	2	5	024	42.9762	-10.9820	2442	2445	13	45194	-161	51
DISC90L1		78	2	5	030	42.9775	-11.0002	2444	2447	13	45196	-161	50
DISC90L1		78	2	5	036	42.9790	-11.0182	2447	2451	13	45196	-162	49
DISC90L1		78	2	5	042	42.9803	-11.0358	2452	2456	13	45198	-161	48
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DISC90L1		78	2	5	054	42.9828	-11.0710	2457	2462	13	45200	-161	47
DISC90L1		78	2	5	1 0	42.9840	-11.0888	2471	2474	13	45198	-164	47
DISC90L1		78	2	5	1 6	42.9852	-11.1065	2463	2467	13	45200	-163	46
DISC90L1		78	2	5	112	42.9863	-11.1242	2461	2465	13	45202	-160	45
DISC90L1		78	2	5	118	42.9872	-11.1417	2461	2465	13	45204	-160	45
DISC90L1		78	2	5	124	42.9880	-11.1593	2457	2462	13	45206	-159	44
DISC90L1		78	2	5	130	42.9888	-11.1768	2452	2456	13	45206	-160	43
DISC90L1		78	2	5	136	42.9898	-11.1945	2449	2452	13	45206	-161	42
DISC90L1		78	2	5	142	42.9907	-11.2123	2461	2465	13	45206	-162	41
DISC90L1		78	2	5	148	42.9917	-11.2300	2476	2480	13	45206	-163	42
DISC90L1		78	2	5	154	42.9925	-11.2477	2457	2462	13	45204	-166	39
DISC90L1		78	2	5	2 0	42.9928	-11.2658	2476	2480	13	45206	-164	38
DISC90L1		78	2	5	2 6	42.9932	-11.2842	2476	2480	13	45214	-165	37
DISC90L1		78	2	5	212	42.9930	-11.3027	2482	2485	13	45218	-153	37
DISC90L1		78	2	5	218	42.9930	-11.3212	2487	2491	13	45218	-154	37
DISC90L1		78	2	5	224	42.9930	-11.3397	2482	2485	13	45220	-152	36
DISC90L1		78	2	5	230	42.9928	-11.3585	2466	2471	13	45222	-151	36
DISC90L1		78	2	5	236	42.9928	-11.3772	2457	2462	13	45226	-147	36
DISC90L1		78	2	5	242	42.9928	-11.3957	2445	2449	13	45228	-146	36
DISC90L1		78	2	5	248	42.9928	-11.4145	2423	2427	13	45230	-143	37
DISC90L1		78	2	5	254	42.9927	-11.4330	2407	2410	13	45230	-145	37
DISC90L1		78	2	5	3 0	42.9927	-11.4517	2391	2396	13	45230	-145	37
DISC90L1		78	2	5	3 6	42.9928	-11.4702	2369	2372	13	45230	-146	37
DISC90L1		78	2	5	312	42.9928	-11.4885	2354	2357	13	45232	-144	38
DISC90L1		78	2	5	318	42.9928	-11.5070	2341	2345	13	45232	-145	38
DISC90L1		78	2	5	324	42.9930	-11.5252	2322	2324	13	45238	-139	39
DISC90L1		78	2	5	330	42.9930	-11.5437	2292	2295	13	45236	-142	39
DISC90L1		78	2	5	336	42.9930	-11.5620	2259	2262	13	45238	-141	39
DISC90L1		78	2	5	342	42.9932	-11.5805	2233	2237	13	45244	-135	40
DISC90L1		78	2	5	348	42.9930	-11.5988	2207	2209	13	45250	-130	41
DISC90L1		78	2	5	354	42.9930	-11.6173	2180	2184	13	45254	-126	42
DISC90L1		78	2	5	4 0	42.9930	-11.6355	2140	2143	13	45262	-119	46
DISC90L1		78	2	5	4 6	42.9930	-11.6540	2095	2098	13	45266	-115	48
DISC90L1		78	2	5	412	42.9932	-11.6725	2047	2050	13	45270	-112	51
DISC90L1		78	2	5	418	42.9933	-11.6908	2020	2023	13	45276	-106	54
DISC90L1		78	2	5	424	42.9935	-11.7093	1999	2003	13	45278	-105	58
DISC90L1		78	2	5	430	42.9938	-11.7275	1998	2001	13	45286	-97	64
DISC90L1		78	2	5	436	42.9940	-11.7460	1959	1962	13	45290	-94	72
DISC90L1		78	2	5	442	42.9942	-11.7638	1861	1864	13	45294	-91	80
DISC90L1		78	2	5	448	42.9945	-11.7820	1546	1549	13	45304	-81	90
DISC90L1		78	2	5	454	42.9947	-11.8000	1535	1538	13	45314	-72	97
DISC90L1		78	2	5	5 0	42.9948	-11.8187	1596	1598	13	45326	-60	99
DISC90L1		78	2	5	5 6	42.9950	-11.8375	1509	1512	13	45336	-51	99
DISC90L1		78	2	5	512	42.9952	-11.8562	1589	1591	13	45340	-48	96
DISC90L1		78	2	5	518	42.9953	-11.8748	1568	1571	13	45334	-54	97
DISC90L1		78	2	5	524	42.9955	-11.8935	1556	1558	13	45318	-71	95
DISC90L1		78	2	5	530	42.9958	-11.9120	1580	1582	13	45308	-81	95
DISC90L1		78	2	5	536	42.9963	-11.9303	1631	1633	13	45298	-92	95
DISC90L1		78	2	5	542	42.9968	-11.9490	1666	1668	13	45292	-99	95
DISC90L1		78	2	5	548	42.9970	-11.9678	1684	1686	13	45294	-97	98
DISC90L1		78	2	5	554	42.9972	-11.9865	1706	1708	13	45290	-102	100
DISC90L1		78	2	5	6 0	42.9975	-12.0053	1736	1739	13	45296	-96	107
DISC90L1		78	2	5	6 6	42.9977	-12.0238	1596	1598	13	45298	-97	116
DISC90L1		78	2	5	612	42.9977	-12.0422	1491	1492	13	45304	-91	122
DISC90L1		78	2	5	618	42.9978	-12.0605	1456	1458	13	45306	-90	125
DISC90L1		78	2	5	624	42.9982	-12.0787	1571	1573	13	45306	-91	126
DISC90L1		78	2	5	630	42.9987	-12.0967	1626	1629	13	45308	-90	126
DISC90L1		78	2	5	636	42.9992	-12.1145	1694	1697	13	45314	-84	124
DISC90L1		78	2	5	642	42.9997	-12.1328	1731	1734	13	45312	-87	120
DISC90L1		78	2	5	648	43.0003	-12.1515	1891	1893	13	45308	-91	117
DISC90L1		78	2	5	654	43.0008	-12.1703	2186	2189	13	45300	-100	111
DISC90L1		78	2	5	7 0	43.0015	-12.1892	2067	2070	13	45294	-107	108
DISC90L1		78	2	5	7 6	43.0022	-12.2077	2266	2270	13	45288	-114	103
DISC90L1		78	2	5	712	43.0027	-12.2262	2569	2573	13	45288	-115	99
DISC90L1		78	2	5	718	43.0030	-12.2448	2372	2376	13	45288	-116	98
DISC90L1		78	2	5	724	43.0035	-12.2630	2316	2321	13	45286	-118	98
DISC90L1		78	2	5	730	43.0042	-12.2827	2347	2350	13	45288	-117	98
DISC90L1		78	2	5	736	43.0047	-12.3013	2355	2359	13	45292	-114	101
DISC90L1		78	2	5	742	43.0022	-12.3197	2369	2372	13	45302	-104	104
DISC90L1		78	2	5	748	42.9930	-12.3337	2407	2410	13	45314	-89	107
DISC90L1		78	2	5	754	42.9803	-12.3398	2490	2494	13	45314	-84	108
DISC90L1		78	2	5	8 0	42.9668	-12.3407	2570	2575	13	45296	-97	100
DISC90L1		78	2	5	8 6	42.9530	-12.3412	2627	2632	13	45280	-108	95

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	36 78 2 5	812	42.9400	-12.3418	2661	2666	13	45266	-116	89
DISC90L1	78 2 5	818	42.9268	-12.3427	2711	2716	13	45250	-127	85
DISC90L1	78 2 5	824	42.9138	-12.3435	2783	2789	13	45240	-132	80
DISC90L1	78 2 5	830	42.9007	-12.3445	2879	2886	13	45230	-137	75
DISC90L1	78 2 5	836	42.8875	-12.3452	2969	2975	13	45218	-144	71
DISC90L1	78 2 5	842	42.8742	-12.3460	3060	3067	13	45208	-148	64
DISC90L1	78 2 5	848	42.8610	-12.3468	3102	3109	13	45200	-151	60
DISC90L1	78 2 5	854	42.8478	-12.3477	3206	3215	13	45188	-158	54
DISC90L1	78 2 5	9 0	42.8347	-12.3483	3257	3266	13	45182	-159	48
DISC90L1	78 2 5	9 6	42.8217	-12.3492	3396	3407	13	45174	-162	41
DISC90L1	78 2 5	912	42.8087	-12.3500	3469	3480	13	45166	-165	36
DISC90L1	78 2 5	918	42.7960	-12.3505	3534	3546	13	45156	-169	30
DISC90L1	78 2 5	924	42.7832	-12.3510	3585	3597	13	45150	-170	26
DISC90L1	78 2 5	930	42.7705	-12.3513	3692	3705	13	45142	-173	22
DISC90L1	78 2 5	936	42.7577	-12.3518	3744	3760	13	45136	-174	18
DISC90L1	78 2 5	942	42.7450	-12.3523	3798	3815	13	45128	-177	14
DISC90L1	78 2 5	948	42.7323	-12.3527	3876	3894	13	45120	-180	12
DISC90L1	78 2 5	954	42.7195	-12.3533	3942	3959	13	45114	-181	9
DISC90L1	78 2 5	10 0	42.7067	-12.3540	3965	3983	13	45104	-186	5
DISC90L1	78 2 5	10 6	42.6935	-12.3520	4004	4023	13	45096	-189	3
DISC90L1	78 2 5	1012	42.6938	-12.3520	4017	4036	13	45084	-197	4
DISC90L1	78 2 5	1018	42.6805	-12.3267	4013	4033	13	45076	-203	1
DISC90L1	78 2 5	1024	42.6802	-12.3100	3948	3967	13	45076	-202	-2
DISC90L1	78 2 5	1030	42.6800	-12.2932	3912	3930	13	45074	-203	-2
DISC90L1	78 2 5	1036	42.6797	-12.2762	3912	3930	13	45072	-205	1
DISC90L1	78 2 5	1042	42.6793	-12.2592	4069	4089	13	45070	-206	6
DISC90L1	78 2 5	1048	42.6792	-12.2423				45064	-211	12
DISC90L1	78 2 5	1054	42.6788	-12.2253				45068	-207	5
DISC90L1	78 2 5	11 0	42.6787	-12.2085				45072	-202	7
DISC90L1	78 2 5	11 6	42.6783	-12.1915	1891	1893	13	45078	-195	11
DISC90L1	78 2 5	1112	42.6782	-12.1747	1802	1803	13	45084	-189	9
DISC90L1	78 2 5	1118	42.6778	-12.1577	1821	1823	13	45076	-196	6
DISC90L1	78 2 5	1124	42.6777	-12.1413	1767	1768	13	45066	-205	7
DISC90L1	78 2 5	1130	42.6772	-12.1247	1636	1639	13	45062	-209	8
DISC90L1	78 2 5	1136	42.6767	-12.1078	1564	1565	13	45062	-208	9
DISC90L1	78 2 5	1142	42.6763	-12.0912	1493	1496	13	45062	-207	9
DISC90L1	78 2 5	1148	42.6758	-12.0745	1419	1421	13	45062	-206	10
DISC90L1	78 2 5	1154	42.6752	-12.0577	1361	1362	13	45058	-210	10
DISC90L1	78 2 5	12 0	42.6743	-12.0407	1284	1286	13	45060	-207	10
DISC90L1	78 2 5	12 6	42.6738	-12.0240	1218	1220	13	45058	-208	11
DISC90L1	78 2 5	1212	42.6732	-12.0078	1147	1150	13	45058	-207	11
DISC90L1	78 2 5	1218	42.6727	-11.9913	1086	1088	13	45058	-206	11
DISC90L1	78 2 5	1224	42.6720	-11.9743	1014	1017	13	45054	-209	11
DISC90L1	78 2 5	1230	42.6715	-11.9562	928	931	13	45046	-216	12
DISC90L1	78 2 5	1236	42.6710	-11.9380	884	885	13	45042	-220	12
DISC90L1	78 2 5	1242	42.6705	-11.9202	843	845	13	45036	-225	12
DISC90L1	78 2 5	1248	42.6698	-11.9025	831	834	13	45028	-232	12
DISC90L1	78 2 5	1254	42.6690	-11.8845	803	805	13	45022	-237	12
DISC90L1	78 2 5	13 0	42.6682	-11.8665	792	796	13	45018	-241	12
DISC90L1	78 2 5	13 6	42.6673	-11.8485	784	786	13	45012	-246	12
DISC90L1	78 2 5	1312	42.6665	-11.8307	778	781	13	45004	-253	12
DISC90L1	78 2 5	1318	42.6655	-11.8122	772	774	13	45000	-256	12
DISC90L1	78 2 5	1324	42.6648	-11.7938	767	770	13	44996	-259	12
DISC90L1	78 2 5	1330	42.6640	-11.7755	762	764	13	44992	-262	12
DISC90L1	78 2 5	1336	42.6630	-11.7573	761	763	13	44988	-266	12
DISC90L1	78 2 5	1342	42.6622	-11.7392	757	759	13	44988	-265	12
DISC90L1	78 2 5	1348	42.6613	-11.7207	756	759	13	44986	-266	11
DISC90L1	78 2 5	1354	42.6603	-11.7023	761	763	13	44990	-261	11
DISC90L1	78 2 5	14 0	42.6595	-11.6840	761	763	13	44992	-258	10
DISC90L1	78 2 5	14 6	42.6587	-11.6658	751	753	13	44994	-255	10
DISC90L1	78 2 5	1412	42.6577	-11.6475	736	739	13	44990	-258	10
DISC90L1	78 2 5	1418	42.6568	-11.6292	689	691	13	44990	-258	10
DISC90L1	78 2 5	1424	42.6558	-11.6112	611	613	13	44984	-263	10
DISC90L1	78 2 5	1430	42.6548	-11.5930	621	624	13	44986	-260	10
DISC90L1	78 2 5	1436	42.6538	-11.5752	670	673	13	44982	-263	9
DISC90L1	78 2 5	1442	42.6528	-11.5577	702	704	13	44978	-266	9
DISC90L1	78 2 5	1448	42.6517	-11.5400	1016	1019	13	44976	-267	7
DISC90L1	78 2 5	1454	42.6507	-11.5225	1483	1485	13	44972	-270	6
DISC90L1	78 2 5	15 0	42.6497	-11.5048	1522	1523	13	44970	-271	5
DISC90L1	78 2 5	15 6	42.6488	-11.4872	1570	1573	13	44968	-272	4
DISC90L1	78 2 5	1512	42.6482	-11.4693	1616	1618	13	44968	-272	3
DISC90L1	78 2 5	1518	42.6475	-11.4515	1661	1664	13	44970	-269	3
DISC90L1	78 2 5	1524	42.6468	-11.4335	1697	1699	13	44970	-268	3
DISC90L1	78 2 5	1530	42.6462	-11.4155	1726	1728	13	44970	-267	3
DISC90L1	78 2 5	1536	42.6455	-11.3975	1747	1750	13	44976	-261	3
DISC90L1	78 2 5	1542	42.6448	-11.3795	1767	1768	13	44978	-258	3
DISC90L1	78 2 5	1548	42.6440	-11.3618	1768	1770	13	44982	-253	3
DISC90L1	78 2 5	1554	42.6433	-11.3442	1763	1765	13	44984	-250	3
DISC90L1	78 2 5	16 0	42.6427	-11.3265	1751	1754	13	44990	-244	3
DISC90L1	78 2 5	16 6	42.6418	-11.3090	1736	1739	13	44988	-245	4
DISC90L1	78 2 5	1612	42.6410	-11.2913	1678	1681	13	44988	-244	4
DISC90L1	78 2 5	1618	42.6400	-11.2737	1636	1639	13	44990	-241	4
DISC90L1	78 2 5	1624	42.6390	-11.2563	1636	1639	13	44990	-240	3
DISC90L1	78 2 5	1630	42.6380	-11.2390	1639	1642	13	44990	-239	3
DISC90L1	78 2 5	1636	42.6370	-11.2215	1656	1659	13	44990	-238	3
DISC90L1	78 2 5	1642	42.6363	-11.2042	1677	1681	13	44994	-234	3
DISC90L1	78 2 5	1648	42.6355	-11.1867	1686	1688	13	44994	-233	3
DISC90L1	78 2 5	1654	42.6348	-11.1693	1676	1679	13	44998	-228	3
DISC90L1	78 2 5	17 0	42.6340	-11.1517	1656	1659	13	45000	-225	3
DISC90L1	78 2 5	17 6	42.6332	-11.1340	1634	1637	13	45000	-224	4
DISC90L1	78 2 5	1712	42.6325	-11.1165	1621	1624	13	45002	-222	4
DISC90L1	78 2 5	1718	42.6318	-11.0990	1606	1608	13	45004	-219	4
DISC90L1	78 2 5	1724	42.6308	-11.0820	1613	1615	13	45006	-216	4

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 2 5	1730	42.6308	-11.0640	1633	1635	13	45004	-218	4
DISC90L1	78 2 5	1736	42.6307	-11.0458	1666	1668	13	45004	-217	4
DISC90L1	78 2 5	1742	42.6303	-11.0278	1698	1701	13	44998	-222	4
DISC90L1	78 2 5	1748	42.6302	-11.0100	1736	1739	13	44996	-224	4
DISC90L1	78 2 5	1754	42.6260	-10.9927	1767	1768	13	44996	-221	4
DISC90L1	78 2 5	18 0	42.6162	-10.9810	1785	1789	13	44992	-221	4
DISC90L1	78 2 5	18 6	42.6037	-10.9745	1787	1790	13	44986	-222	4
DISC90L1	78 2 5	1812	42.5918	-10.9680	1786	1789	13	44982	-220	4
DISC90L1	78 2 5	1818	42.5778	-10.9613	1767	1768	13	44980	-218	4
DISC90L1	78 2 5	1824	42.5648	-10.9548	1728	1730	13	44976	-217	4
DISC90L1	78 2 5	1830	42.5522	-10.9483	1701	1703	13	44972	-215	4
DISC90L1	78 2 5	1836	42.5397	-10.9422	1689	1692	13	44966	-216	4
DISC90L1	78 2 5	1842	42.5267	-10.9362	1687	1690	13	44962	-215	4
DISC90L1	78 2 5	1848	42.5138	-10.9300	1696	1699	13	44958	-214	4
DISC90L1	78 2 5	1854	42.5012	-10.9238	1713	1715	13	44954	-213	4
DISC90L1	78 2 5	19 0	42.4883	-10.9175	1731	1734	13	44946	-216	4
DISC90L1	78 2 5	19 6	42.4755	-10.9113	1751	1754	13	44938	-219	4
DISC90L1	78 2 5	1912	42.4632	-10.9040	1767	1768	13	44934	-218	4
DISC90L1	78 2 5	1918	42.4503	-10.8978	1781	1783	13	44938	-208	5
DISC90L1	78 2 5	1924	42.4377	-10.8917	1795	1798	13	44946	-195	5
DISC90L1	78 2 5	1930	42.4250	-10.8857	1802	1803	13	44958	-178	5
DISC90L1	78 2 5	1936	42.4123	-10.8795	1811	1814	13	44966	-165	5
DISC90L1	78 2 5	1942	42.3997	-10.8733	1816	1818	13	44970	-156	3
DISC90L1	78 2 5	1948	42.3870	-10.8672	1826	1829	13	44974	-147	3
DISC90L1	78 2 5	1954	42.3743	-10.8612	1837	1840	13	44976	-140	3
DISC90L1	78 2 5	20 0	42.3615	-10.8550	1850	1853	13	44982	-129	3
DISC90L1	78 2 5	20 6	42.3482	-10.8533	1872	1875	13	44984	-121	3
DISC90L1	78 2 5	2012	42.3358	-10.8613	1899	1902	13	44988	-113	3
DISC90L1	78 2 5	2018	42.3287	-10.8765	1929	1931	13	44994	-104	3
DISC90L1	78 2 5	2024	42.3285	-10.8942	1947	1950	13	45006	-92	5
DISC90L1	78 2 5	2030	42.3287	-10.9122	1956	1959	13	45018	-89	5
DISC90L1	78 2 5	2036	42.3290	-10.9303	1952	1955	13	45030	-69	5
DISC90L1	78 2 5	2042	42.3292	-10.9483	1949	1951	13	45048	-52	3
DISC90L1	78 2 5	2048	42.3295	-10.9665	1911	1915	13	45064	-36	3
DISC90L1	78 2 5	2054	42.3297	-10.9847	1855	1858	13	45078	-23	3
DISC90L1	78 2 5	21 0	42.3298	-11.0027	1496	1498	13	45090	-11	3
DISC90L1	78 2 5	21 6	42.3300	-11.0205	1546	1549	13	45096	-5	3
DISC90L1	78 2 5	2112	42.3302	-11.0387	2296	2299	13	45088	-14	3
DISC90L1	78 2 5	2118	42.3303	-11.0568	2261	2264	13	45080	-23	3
DISC90L1	78 2 5	2124	42.3305	-11.0752	2218	2222	13	45072	-31	3
DISC90L1	78 2 5	2130	42.3307	-11.0937	2269	2273	13	45058	-46	3
DISC90L1	78 2 5	2136	42.3310	-11.1123	2276	2281	13	45048	-56	3
DISC90L1	78 2 5	2142	42.3312	-11.1308	2278	2282	13	45040	-65	3
DISC90L1	78 2 5	2148	42.3315	-11.1493	2266	2270	13	45028	-78	3
DISC90L1	78 2 5	2154	42.3317	-11.1677	2209	2211	13	45020	-86	3
DISC90L1	78 2 5	22 0	42.3320	-11.1860	2141	2143	13	45012	-95	3
DISC90L1	78 2 5	22 6	42.3322	-11.2043	2050	2052	13	45000	-107	3
DISC90L1	78 2 5	2212	42.3327	-11.2220	1906	1909	13	44996	-112	3
DISC90L1	78 2 5	2218	42.3327	-11.2393	1726	1728	13	44988	-121	3
DISC90L1	78 2 5	2224	42.3325	-11.2567	1623	1626	13	44986	-123	3
DISC90L1	78 2 5	2230	42.3323	-11.2740	1666	1668	13	44984	-125	3
DISC90L1	78 2 5	2236	42.3322	-11.2912	1586	1589	13	44992	-118	3
DISC90L1	78 2 5	2242	42.3320	-11.3082	1576	1578	13	44992	-118	3
DISC90L1	78 2 5	2248	42.3318	-11.3255	1616	1618	13	44994	-117	3
DISC90L1	78 2 5	2254	42.3317	-11.3433	1626	1629	13	44998	-113	3
DISC90L1	78 2 5	23 0	42.3315	-11.3608	1623	1626	13	45000	-112	3
DISC90L1	78 2 5	23 6	42.3313	-11.3785	1651	1653	13	45004	-108	3
DISC90L1	78 2 5	2312	42.3313	-11.3962	1696	1699	13	45010	-102	3
DISC90L1	78 2 5	2318	42.3312	-11.4137	1746	1748	13	45018	-95	3
DISC90L1	78 2 5	2324	42.3310	-11.4313	1802	1803	13	45032	-81	3
DISC90L1	78 2 5	2330	42.3308	-11.4488	1851	1853	13	45044	-70	3
DISC90L1	78 2 5	2336	42.3307	-11.4660	1901	1904	13	45056	-58	3
DISC90L1	78 2 5	2342	42.3305	-11.4835	1941	1944	13	45060	-53	3
DISC90L1	78 2 5	2348	42.3303	-11.5012	1967	1970	13	45062	-53	3
DISC90L1	78 2 5	2354	42.3303	-11.5185	1981	1984	13	45062	-53	3
DISC90L1 37	78 2 6	0 0	42.3305	-11.5358	1991	1993	13	45062	-54	3
DISC90L1	78 2 6	0 6	42.3310	-11.5532	2002	2004	13	45066	-51	3
DISC90L1	78 2 6	012	42.3315	-11.5708	2010	2012	13	45074	-43	3
DISC90L1	78 2 6	018	42.3318	-11.5882	2021	2024	13	45084	-34	4
DISC90L1	78 2 6	024	42.3323	-11.6060	1996	1999	13	45098	-21	4
DISC90L1	78 2 6	030	42.3328	-11.6237	2123	2125	13	45110	-9	4
DISC90L1	78 2 6	036	42.3333	-11.6413	2278	2282	13	45116	-4	4
DISC90L1	78 2 6	042	42.3338	-11.6588	2471	2474	13	45110	-11	4
DISC90L1	78 2 6	048	42.3345	-11.6765	2536	2540	13	45096	-25	4
DISC90L1	78 2 6	054	42.3348	-11.6940	2402	2405	13	45080	-42	4
DISC90L1	78 2 6	1 0	42.3350	-11.7115	2407	2410	13	45064	-59	4
DISC90L1	78 2 6	1 6	42.3353	-11.7292	2410	2414	13	45050	-73	4
DISC90L1	78 2 6	112	42.3357	-11.7470	2426	2430	13	45038	-86	4
DISC90L1	78 2 6	118	42.3358	-11.7647	2421	2425	13	45032	-93	4
DISC90L1	78 2 6	124	42.3362	-11.7822	2501	2505	13	45030	-94	4
DISC90L1	78 2 6	130	42.3365	-11.7998	2429	2432	13	45036	-90	4
DISC90L1	78 2 6	136	42.3368	-11.8175	2623	2628	13	45040	-86	4
DISC90L1	78 2 6	142	42.3372	-11.8355	2816	2822	13	45038	-89	4
DISC90L1	78 2 6	148	42.3373	-11.8533	2862	2868	13	45026	-102	4
DISC90L1	78 2 6	154	42.3377	-11.8707	2810	2815	13	45004	-124	4
DISC90L1	78 2 6	2 0	42.3380	-11.8882	2687	2692	13	44984	-145	4
DISC90L1	78 2 6	2 6	42.3382	-11.9058	2645	2650	13	44972	-157	4
DISC90L1	78 2 6	212	42.3383	-11.9232	2607	2612	13	44968	-162	4
DISC90L1	78 2 6	218	42.3387	-11.9405	2546	2551	13	44970	-160	4
DISC90L1	78 2 6	224	42.3390	-11.9582	2501	2505	13	44974	-157	4
DISC90L1	78 2 6	230	42.3392	-11.9755	2487	2491	13	44980	-152	4
DISC90L1	78 2 6	236	42.3392	-11.9937	2511	2515	13	44982	-150	4
DISC90L1	78 2 6	242	42.3392	-12.0117	2551	2555	13	44986	-146	4

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	3778 2 6	248	42.3393	-11.4442	2511	2515	13	44880	-107	8
DISC90L1	78 2 6	254	42.3395	-11.4255	2494	2498	13	44874	-111	9
DISC90L1	78 2 6	3 0	42.3397	-11.4072	2476	2480	13	44870	-116	8
DISC90L1	78 2 6	3 6	42.3398	-11.3893	2472	2476	13	44866	-120	10
DISC90L1	78 2 6	312	42.3397	-11.3705	2461	2465	13	44864	-121	7
DISC90L1	78 2 6	318	42.3395	-11.3517	2449	2452	13	44860	-125	8
DISC90L1	78 2 6	324	42.3393	-11.3335	2439	2443	13	44856	-128	9
DISC90L1	78 2 6	330	42.3392	-11.3153	2426	2430	13	44852	-129	9
DISC90L1	78 2 6	336	42.3388	-11.2975	2420	2423	13	44854	-127	10
DISC90L1	78 2 6	342	42.3385	-11.2797	2412	2416	13	44856	-127	13
DISC90L1	78 2 6	348	42.3383	-11.2612	2408	2412	13	44864	-118	10
DISC90L1	78 2 6	354	42.3380	-11.2428	2407	2410	13	44876	-106	8
DISC90L1	78 2 6	4 0	42.3380	-11.2243	2378	2381	13	44892	-99	9
DISC90L1	78 2 6	4 6	42.3380	-11.2062	2332	2335	13	44902	-90	9
DISC90L1	78 2 6	412	42.3380	-11.1887	2297	2301	13	44898	-82	9
DISC90L1	78 2 6	418	42.3380	-11.1705	2286	2290	13	44880	-73	10
DISC90L1	78 2 6	424	42.3372	-11.1530	2417	2421	13	44866	-64	13
DISC90L1	78 2 6	430	42.3317	-11.1357	2538	2542	13	44854	-54	10
DISC90L1	78 2 6	436	42.3207	-11.1175	2589	2593	13	44850	-48	8
DISC90L1	78 2 6	442	42.3077	-11.0992	2633	2637	13	44844	-43	7
DISC90L1	78 2 6	448	42.2947	-11.0812	2669	2674	13	44838	-39	6
DISC90L1	78 2 6	454	42.2818	-11.0628	2681	2685	13	44834	-36	6
DISC90L1	78 2 6	5 0	42.2692	-11.0445	2689	2693	13	44828	-34	6
DISC90L1	78 2 6	5 6	42.2562	-11.0273	2699	2705	13	44824	-32	6
DISC90L1	78 2 6	512	42.2432	-11.0100	2701	2707	13	44826	-30	6
DISC90L1	78 2 6	518	42.2302	-10.9920	2710	2716	13	44828	-28	6
DISC90L1	78 2 6	524	42.2173	-10.9740	2711	2716	13	44830	-26	6
DISC90L1	78 2 6	530	42.2045	-10.9559	2716	2721	13	44834	-24	6
DISC90L1	78 2 6	536	42.1917	-10.9367	2726	2730	13	44840	-22	6
DISC90L1	78 2 6	542	42.1788	-10.9188	2732	2738	13	44848	-20	6
DISC90L1	78 2 6	548	42.1662	-10.9007	2740	2745	13	44854	-18	6
DISC90L1	78 2 6	554	42.1533	-10.8820	2747	2752	13	44860	-16	6
DISC90L1	78 2 6	6 0	42.1403	-10.8635	2762	2767	13	44864	-14	6
DISC90L1	78 2 6	6 6	42.1273	-10.8450	2774	2780	13	44862	-12	6
DISC90L1	78 2 6	612	42.1143	-10.8265	2777	2782	13	44864	-10	6
DISC90L1	78 2 6	618	42.1010	-10.8082	2777	2782	13	44862	-8	6
DISC90L1	78 2 6	624	42.0880	-10.7908	2780	2785	13	44860	-6	6
DISC90L1	78 2 6	630	42.0752	-10.7728	2793	2798	13	44854	-4	6
DISC90L1	78 2 6	636	42.0622	-10.7543	2822	2827	13	44854	-2	6
DISC90L1	78 2 6	642	42.0490	-10.7357	2846	2851	13	44848	0	6
DISC90L1	78 2 6	648	42.0362	-10.7172	2871	2877	13	44846	2	6
DISC90L1	78 2 6	654	42.0233	-10.6983	2869	2875	13	44840	4	6
DISC90L1	78 2 6	7 0	42.0117	-10.6798	2853	2858	13	44838	6	6
DISC90L1	78 2 6	7 6	42.0030	-10.6618	2837	2844	13	44832	8	6
DISC90L1	78 2 6	712	41.9990	-10.6445	2837	2844	13	44826	10	6
DISC90L1	78 2 6	718	41.9992	-10.6278	2834	2840	13	44818	12	6
DISC90L1	78 2 6	724	41.9990	-10.6103	2838	2844	13	44810	14	6
DISC90L1	78 2 6	730	41.9988	-10.5923	2844	2849	13	44804	16	6
DISC90L1	78 2 6	736	41.9990	-10.5747	2847	2853	13	44802	18	6
DISC90L1	78 2 6	742	41.9990	-10.5567	2854	2860	13	44804	20	6
DISC90L1	78 2 6	748	41.9990	-10.5385	2857	2862	13	44804	22	6
DISC90L1	78 2 6	754	41.9993	-10.5210	2860	2866	13	44806	24	6
DISC90L1	78 2 6	8 0	41.9998	-10.5032	2859	2866	13	44810	26	6
DISC90L1	78 2 6	8 6	42.0002	-10.4850	2857	2862	13	44814	28	6
DISC90L1	78 2 6	812	42.0005	-10.4672	2852	2858	13	44818	30	6
DISC90L1	78 2 6	818	42.0008	-10.4500	2854	2860	13	44816	32	6
DISC90L1	78 2 6	824	42.0010	-10.4348	2854	2860	13	44812	34	6
DISC90L1	78 2 6	830	42.0015	-10.4252	2866	2871	13	44798	36	6
DISC90L1	78 2 6	836	42.0018	-10.4252	2867	2871	13	44782	38	6
DISC90L1	78 2 6	842	42.0022	-10.4252	2867	2871	13	44768	40	6
DISC90L1	78 2 6	848	42.0025	-10.4252	2867	2873	13	44758	42	6
DISC90L1	78 2 6	854	42.0028	-10.4252	2867	2873	13	44738	44	6
DISC90L1	78 2 6	9 0	42.0032	-10.4252	2867	2873	13	44728	46	6
DISC90L1	78 2 6	9 6	42.0035	-10.4252	2866	2873	13	44718	48	6
DISC90L1	78 2 6	912	42.0038	-10.4252	2859	2866	13	44710	50	6
DISC90L1	78 2 6	918	42.0040	-10.4252	2847	2855	13	44704	52	6
DISC90L1	78 2 6	924	42.0042	-10.4252	2844	2849	13	44702	54	6
DISC90L1	78 2 6	930	42.0043	-10.4252	2879	2886	13	44700	56	6
DISC90L1	78 2 6	936	42.0047	-10.4278	2942	2948	13	44702	58	6
DISC90L1	78 2 6	942	42.0050	-10.4290	3010	3018	13	44702	60	6
DISC90L1	78 2 6	948	42.0052	-10.4297	3056	3063	13	44704	62	6
DISC90L1	78 2 6	954	42.0053	-10.4302	3092	3100	13	44704	64	6
DISC90L1	78 2 6	10 0	42.0055	-10.4305	3111	3120	13	44702	66	6
DISC90L1	78 2 6	10 6	42.0057	-10.4313	3139	3147	13	44694	67	6
DISC90L1	78 2 6	1012	42.0058	-10.4318	3159	3167	13	44684	67	6
DISC90L1	78 2 6	1018	42.0062	-10.4325	3172	3180	13	44670	67	6
DISC90L1	78 2 6	1024	42.0063	-10.4330	3187	3195	13	44654	67	6
DISC90L1	78 2 6	1030	42.0068	-10.4335	3202	3210	13	44638	67	6
DISC90L1	78 2 6	1036	42.0072	-10.4345	3209	3217	13	44626	67	6
DISC90L1	78 2 6	1042	42.0075	-10.4348	3223	3231	13	44620	67	6
DISC90L1	78 2 6	1048	42.0077	-10.4350	3238	3248	13	44616	66	6
DISC90L1	78 2 6	1054	42.0080	-10.4352	3261	3270	13	44620	65	6
DISC90L1	78 2 6	11 0	42.0085	-10.4352	3268	3277	13	44626	64	6
DISC90L1	78 2 6	116	42.0086	-10.4352	3275	3285	13	44634	63	6
DISC90L1	78 2 6	1112	42.0089	-10.4345	3292	3301	13	44640	62	6
DISC90L1	78 2 6	1118	42.0092	-10.4335	3306	3316	13	44642	61	6
DISC90L1	78 2 6	1124	42.0095	-10.4330	3318	3328	13	44636	60	6
DISC90L1	78 2 6	1130	42.0098	-10.4325	3333	3343	13	44628	59	6
DISC90L1	78 2 6	1136	42.0100	-10.4318	3356	3367	13	44626	58	6
DISC90L1	78 2 6	1142	42.0103	-10.4313	3396	3407	13	44624	57	6
DISC90L1	78 2 6	1148	42.0105	-10.4308	3425	3436	13	44620	56	6
DISC90L1	78 2 6	1154	42.0107	-10.4303	3436	3447	13	44616	55	6
DISC90L1	78 2 6	12 0	42.0107	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	16 0	42.0040	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	176	41.9987	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	1754	41.9650	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	18 0	41.9525	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	186	41.9375	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	1848	41.8403	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	1854	41.8263	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	19 0	41.8125	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	196	41.7987	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	1918	41.7708	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	1936	41.7297	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	1942	41.7157	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	1948	41.7018	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	1954	41.6875	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	20 0	41.6737	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	20 6	41.6598	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2012	41.6462	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2018	41.6328	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2024	41.6188	-10.4298	3467	3478	13	44614	54	6
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DISC90L1	78 2 6	2036	41.5907	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2042	41.5765	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2048	41.5622	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2054	41.5480	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	21 0	41.5338	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	216	41.5197	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2112	41.5057	-10.4298	3467	3478	13	44614	54	6
DISC90L1	78 2 6	2118	41.4917	-10.4298	3467	3478	13	44614	54	6

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	37	78 2 6	2124	41.4780	-10.4292	3477	3489	13	44612	-137	-25
DISC90L1		78 2 6	2130	41.4643	-10.4283	3497	3509	13	44612	-131	-27
DISC90L1		78 2 6	2136	41.4508	-10.4273	3517	3530	13	44620	-118	-29
DISC90L1		78 2 6	2142	41.4373	-10.4267	3538	3550	13	44622	-110	-30
DISC90L1		78 2 6	2148	41.4238	-10.4258	3561	3573	13	44626	-101	-32
DISC90L1		78 2 6	2154	41.4103	-10.4250	3563	3575	13	44626	-95	-32
DISC90L1		78 2 6	22 0	41.3968	-10.4242	3570	3583	13	44620	-96	-33
DISC90L1		78 2 6	22 6	41.3832	-10.4233	3583	3595	13	44620	-90	-34
DISC90L1		78 2 6	2212	41.3695	-10.4225	3597	3610	13	44620	-85	-34
DISC90L1		78 2 6	2218	41.3562	-10.4217	3596	3610	13	44616	-83	-36
DISC90L1		78 2 6	2224	41.3427	-10.4210	3573	3586	13	44614	-80	-37
DISC90L1		78 2 6	2230	41.3292	-10.4202	3592	3605	13	44604	-84	-37
DISC90L1		78 2 6	2236	41.3157	-10.4193	3622	3636	13	44594	-89	-39
DISC90L1		78 2 6	2242	41.3020	-10.4185	3682	3696	13	44588	-89	-40
DISC90L1		78 2 6	2248	41.2885	-10.4177	3749	3764	13	44580	-92	-42
DISC90L1		78 2 6	2254	41.2750	-10.4170	3747	3762	13	44570	-96	-42
DISC90L1		78 2 6	23 0	41.2615	-10.4162	3792	3808	13	44562	-99	-43
DISC90L1		78 2 6	23 6	41.2483	-10.4152	3838	3855	13	44558	-98	-45
DISC90L1		78 2 6	2312	41.2350	-10.4143	3858	3875	13	44554	-96	-46
DISC90L1		78 2 6	2318	41.2215	-10.4135	3927	3945	13	44546	-99	-47
DISC90L1		78 2 6	2324	41.2082	-10.4125	3952	3970	13	44544	-95	-49
DISC90L1		78 2 6	2330	41.1948	-10.4115	3966	3985	13	44542	-92	-50
DISC90L1		78 2 6	2336	41.1815	-10.4107	3987	4007	13	44542	-87	-50
DISC90L1		78 2 6	2342	41.1685	-10.4112	4002	4022	13	44540	-83	-51
DISC90L1		78 2 6	2348	41.1562	-10.4180	4059	4080	13	44538	-80	-51
DISC90L1		78 2 6	2354	41.1440	-10.4252	4111	4133	13	44542	-72	-51
DISC90L1	38	78 2 7	0 0	41.1317	-10.4327	4125	4146	13	44544	-65	-50
DISC90L1		78 2 7	0 6	41.1197	-10.4397	4134	4155	13	44548	-56	-49
DISC90L1		78 2 7	012	41.1080	-10.4465	4159	4182	13	44554	-46	-48
DISC90L1		78 2 7	018	41.0962	-10.4535	4195	4219	13	44554	-41	-47
DISC90L1		78 2 7	024	41.0843	-10.4605	4209	4232	13	44558	-32	-46
DISC90L1		78 2 7	030	41.0723	-10.4675	4223	4245	13	44556	-30	-45
DISC90L1		78 2 7	036	41.0605	-10.4743	4232	4256	13	44550	-31	-44
DISC90L1		78 2 7	042	41.0487	-10.4813	4234	4257	13	44538	-38	-43
DISC90L1		78 2 7	048	41.0368	-10.4882	4214	4237	13	44526	-46	-43
DISC90L1		78 2 7	054	41.0250	-10.4953	4161	4182	13	44514	-53	-42
DISC90L1		78 2 7	1 0	41.0132	-10.5022	4192	4215	13	44500	-62	-42
DISC90L1		78 2 7	1 6	41.0013	-10.5092	4142	4164	13	44490	-68	-42
DISC90L1		78 2 7	112	40.9895	-10.5162	4152	4175	13	44476	-77	-42
DISC90L1		78 2 7	118	40.9775	-10.5230	4302	4327	13	44460	-88	-42
DISC90L1		78 2 7	124	40.9658	-10.5298	4252	4276	13	44446	-97	-45
DISC90L1		78 2 7	130	40.9542	-10.5372	4265	4290	13	44434	-105	-47
DISC90L1		78 2 7	136	40.9425	-10.5447	4292	4316	13	44422	-112	-49
DISC90L1		78 2 7	142	40.9307	-10.5522	4342	4369	13	44412	-117	-50
DISC90L1		78 2 7	148	40.9190	-10.5597	4332	4358	13	44400	-124	-53
DISC90L1		78 2 7	154	40.9072	-10.5672	4370	4396	13	44388	-132	-55
DISC90L1		78 2 7	2 0	40.8955	-10.5747	4371	4398	13	44384	-131	-56
DISC90L1		78 2 7	2 6	40.8837	-10.5822	4392	4420	13	44372	-138	-58
DISC90L1		78 2 7	212	40.8718	-10.5897	4403	4429	13	44366	-139	-59
DISC90L1		78 2 7	218	40.8598	-10.5973	4414	4442	13	44360	-140	-60
DISC90L1		78 2 7	224	40.8475	-10.6052	4427	4455	13	44354	-141	-62
DISC90L1		78 2 7	230	40.8353	-10.6130	4438	4468	13	44348	-143	-61
DISC90L1		78 2 7	236	40.8233	-10.6205	4454	4482	13	44342	-144	-63
DISC90L1		78 2 7	242	40.8115	-10.6282	4460	4490	13	44342	-139	-62
DISC90L1		78 2 7	248	40.7995	-10.6358	4476	4506	13	44334	-142	-63
DISC90L1		78 2 7	254	40.7875	-10.6435	4495	4524	13	44332	-139	-62
DISC90L1		78 2 7	3 0	40.7757	-10.6512	4512	4543	13	44330	-136	-63
DISC90L1		78 2 7	3 6	40.7637	-10.6588	4517	4548	13	44328	-134	-64
DISC90L1		78 2 7	312	40.7517	-10.6667	4528	4559	13	44326	-131	-64
DISC90L1		78 2 7	318	40.7398	-10.6742	4532	4563	13	44328	-124	-64
DISC90L1		78 2 7	324	40.7277	-10.6813	4540	4570	13	44322	-125	-64
DISC90L1		78 2 7	330	40.7152	-10.6797	4536	4567	13	44322	-120	-64
DISC90L1		78 2 7	336	40.7023	-10.6773	4532	4563	13	44320	-116	-65
DISC90L1		78 2 7	342	40.6895	-10.6750	4532	4563	13	44316	-115	-65
DISC90L1		78 2 7	348	40.6767	-10.6728	4532	4563	13	44316	-110	-64
DISC90L1		78 2 7	354	40.6638	-10.6707	4534	4565	13	44314	-106	-65
DISC90L1		78 2 7	4 0	40.6508	-10.6683	4537	4568	13	44308	-107	-64
DISC90L1		78 2 7	4 6	40.6380	-10.6660	4540	4570	13	44304	-106	-64
DISC90L1		78 2 7	412	40.6248	-10.6637	4536	4567	13	44300	-104	-64
DISC90L1		78 2 7	418	40.6120	-10.6615	4527	4557	13	44292	-107	-63
DISC90L1		78 2 7	424	40.5987	-10.6593	4528	4559	13	44286	-107	-62
DISC90L1		78 2 7	430	40.5855	-10.6570	4519	4550	13	44278	-110	-62
DISC90L1		78 2 7	436	40.5723	-10.6547	4509	4539	13	44272	-110	-61
DISC90L1		78 2 7	442	40.5590	-10.6523	4502	4532	13	44264	-113	-61
DISC90L1		78 2 7	448	40.5458	-10.6497	4487	4517	13	44258	-113	-61
DISC90L1		78 2 7	454	40.5325	-10.6470	4488	4517	13	44250	-115	-60
DISC90L1		78 2 7	5 0	40.5193	-10.6442	4483	4512	13	44240	-120	-59
DISC90L1		78 2 7	5 6	40.5063	-10.6413	4505	4535	13	44232	-122	-60
DISC90L1		78 2 7	512	40.4932	-10.6385	4492	4521	13	44222	-127	-59
DISC90L1		78 2 7	518	40.4802	-10.6357	4509	4539	13	44214	-130	-59
DISC90L1		78 2 7	524	40.4672	-10.6330	4457	4486	13	44206	-132	-58
DISC90L1		78 2 7	530	40.4538	-10.6298	4412	4440	13	44198	-135	-56
DISC90L1		78 2 7	536	40.4405	-10.6267	4437	4466	13	44188	-139	-56
DISC90L1		78 2 7	542	40.4272	-10.6232	4390	4418	13	44180	-141	-54
DISC90L1		78 2 7	548	40.4138	-10.6198	4379	4406	13	44170	-146	-53
DISC90L1		78 2 7	554	40.4005	-10.6163	4407	4435	13	44164	-146	-53
DISC90L1		78 2 7	6 0	40.3872	-10.6128	4397	4426	13	44156	-149	-52
DISC90L1		78 2 7	6 6	40.3737	-10.6093	4477	4506	13	44150	-149	-53
DISC90L1		78 2 7	612	40.3603	-10.6058	4429	4457	13	44146	-147	-54
DISC90L1		78 2 7	618	40.3470	-10.6023	4425	4453	13	44140	-148	-54
DISC90L1		78 2 7	624	40.3337	-10.5990	4415	4442	13	44136	-146	-55
DISC90L1		78 2 7	630	40.3203	-10.5953	4390	4418	13	44132	-145	-56
DISC90L1		78 2 7	636	40.3070	-10.5920	4415	4442	13	44126	-145	-57

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78 2 7	642	40.2938	-10.5887	4446	4475	13	44122	-143	-57
DISC90L1	78 2 7	648	40.2807	-10.5852	4458	4486	13	44118	-142	-58
DISC90L1	78 2 7	654	40.2675	-10.5818	4478	4508	13	44114	-140	-59
DISC90L1	78 2 7	7 0	40.2543	-10.5783	4492	4521	13	44108	-141	-59
DISC90L1	78 2 7	7 6	40.2410	-10.5750	4497	4526	13	44106	-137	-59
DISC90L1	78 2 7	712	40.2282	-10.5715	4514	4545	13	44100	-138	-59
DISC90L1	78 2 7	718	40.2155	-10.5677	4509	4539	13	44098	-135	-60
DISC90L1	78 2 7	724	40.2027	-10.5640	4523	4554	13	44092	-135	-61
DISC90L1	78 2 7	730	40.1897	-10.5603	4517	4548	13	44086	-136	-62
DISC90L1	78 2 7	736	40.1765	-10.5566	4523	4554	13	44082	-134	-62
DISC90L1	78 2 7	742	40.1635	-10.5532	4528	4559	13	44076	-135	-62
DISC90L1	78 2 7	748	40.1505	-10.5497	4534	4565	13	44070	-135	-61
DISC90L1	78 2 7	754	40.1375	-10.5463	4552	4583	13	44064	-136	-60
DISC90L1	78 2 7	8 0	40.1245	-10.5430	4577	4609	13	44058	-136	-61
DISC90L1	78 2 7	8 6	40.1115	-10.5397	4592	4625	13	44052	-137	-61
DISC90L1	78 2 7	812	40.0985	-10.5365	4619	4652	13	44046	-137	-61
DISC90L1	78 2 7	818	40.0857	-10.5332	4597	4631	13	44040	-138	-61
DISC90L1	78 2 7	824	40.0727	-10.5300	4595	4627	13	44034	-139	-62
DISC90L1	78 2 7	830	40.0597	-10.5268	4577	4609	13	44030	-137	-62
DISC90L1	78 2 7	836	40.0468	-10.5235	4587	4620	13	44026	-136	-62
DISC90L1	78 2 7	842	40.0340	-10.5203	4592	4625	13	44022	-134	-61
DISC90L1	78 2 7	848	40.0212	-10.5172	4608	4640	13	44022	-129	-61
DISC90L1	78 2 7	854	40.0082	-10.5140	4637	4671	13	44022	-124	-62
DISC90L1	78 2 7	9 0	39.9953	-10.5107	4652	4685	13	44020	-120	-63
DISC90L1	78 2 7	9 6	39.9823	-10.5077	4665	4700	13	44018	-117	-62
DISC90L1	78 2 7	912	39.9695	-10.5045	4667	4702	13	44016	-113	-61
DISC90L1	78 2 7	918	39.9568	-10.5013	4649	4682	13	44012	-112	-60
DISC90L1	78 2 7	924	39.9440	-10.4982	4588	4620	13	44006	-112	-60
DISC90L1	78 2 7	930	39.9313	-10.4952	4572	4603	13	44000	-113	-58
DISC90L1	78 2 7	936	39.9185	-10.4920	4517	4548	13	43992	-115	-57
DISC90L1	78 2 7	942	39.9057	-10.4888	4462	4492	13	43984	-118	-56
DISC90L1	78 2 7	948	39.8930	-10.4857	4357	4384	13	43976	-120	-53
DISC90L1	78 2 7	954	39.8803	-10.4825	4247	4270	13	43968	-123	-51
DISC90L1	78 2 7	10 0	39.8677	-10.4793	4157	4179	13	43960	-125	-50
DISC90L1	78 2 7	10 6	39.8550	-10.4762	4072	4093	13	43952	-128	-49
DISC90L1	78 2 7	1012	39.8425	-10.4733	4004	4023	13	43942	-133	-48
DISC90L1	78 2 7	1018	39.8300	-10.4707	3952	3970	13	43934	-135	-47
DISC90L1	78 2 7	1024	39.8177	-10.4680	3888	3904	13	43928	-136	-47
DISC90L1	78 2 7	1030	39.8052	-10.4655	3854	3870	13	43916	-143	-46
DISC90L1	78 2 7	1036	39.7927	-10.4628	3982	4001	13	43910	-143	-46
DISC90L1	78 2 7	1042	39.7802	-10.4602	4016	4036	13	43904	-144	-46
DISC90L1	78 2 7	1048	39.7675	-10.4575	4034	4054	13	43900	-142	-46
DISC90L1	78 2 7	1054	39.7548	-10.4548	4032	4053	13	43892	-145	-47
DISC90L1	78 2 7	11 0	39.7420	-10.4523	3971	3989	13	43888	-144	-48
DISC90L1	78 2 7	11 6	39.7293	-10.4497	4036	4056	13	43886	-140	-49
DISC90L1	78 2 7	1112	39.7162	-10.4475	4058	4078	13	43882	-138	-51
DISC90L1	78 2 7	1118	39.7030	-10.4452	4072	4093	13	43878	-137	-52
DISC90L1	78 2 7	1124	39.6898	-10.4428	4097	4118	13	43878	-131	-53
DISC90L1	78 2 7	1130	39.6765	-10.4407	4182	4204	13	43878	-125	-54
DISC90L1	78 2 7	1136	39.6633	-10.4383	4084	4104	13	43878	-120	-56
DISC90L1	78 2 7	1142	39.6502	-10.4360	4084	4104	13	43878	-114	-58
DISC90L1	78 2 7	1148	39.6370	-10.4338	4116	4139	13	43876	-111	-60
DISC90L1	78 2 7	1154	39.6238	-10.4317	4227	4250	13	43874	-107	-62
DISC90L1	78 2 7	12 0	39.6105	-10.4293	4287	4312	13	43868	-107	-63
DISC90L1	78 2 7	12 6	39.5973	-10.4270	4500	4530	13	43858	-112	-65
DISC90L1	78 2 7	1212	39.5840	-10.4247	4493	4523	13	43850	-114	-63
DISC90L1	78 2 7	1218	39.5705	-10.4225	4042	4062	13	43838	-120	-62
DISC90L1	78 2 7	1224	39.5573	-10.4200	3812	3828	13	43826	-126	-57
DISC90L1	78 2 7	1230	39.5438	-10.4177	3702	3716	13	43816	-131	-53
DISC90L1	78 2 7	1236	39.5305	-10.4153	3556	3568	13	43806	-135	-47
DISC90L1	78 2 7	1242	39.5173	-10.4128	3437	3449	13	43792	-143	-43
DISC90L1	78 2 7	1248	39.5042	-10.4105	3431	3442	13	43780	-150	-40
DISC90L1	78 2 7	1254	39.4904	-10.4127	3450	3460	13	43768	-156	-38
DISC90L1	78 2 7	13 0	39.4783	-10.4202	3431	3442	13	43758	-161	-29
DISC90L1	78 2 7	13 6	39.4658	-10.4280	3476	3488	13	43746	-168	-22
DISC90L1	78 2 7	1312	39.4532	-10.4355	3250	3259	13	43738	-170	-14
DISC90L1	78 2 7	1318	39.4407	-10.4432	3351	3361	13	43726	-177	-4
DISC90L1	78 2 7	1324	39.4280	-10.4508	3082	3089	13	43714	-184	8
DISC90L1	78 2 7	1330	39.4155	-10.4583	2795	2802	13	43706	-187	20
DISC90L1	78 2 7	1336	39.4032	-10.4657	2571	2575	13	43700	-187	33
DISC90L1	78 2 7	1342	39.3907	-10.4733	2362	2365	13	43684	-198	46
DISC90L1	78 2 7	1348	39.3782	-10.4807	2241	2244	13	43674	-203	59
DISC90L1	78 2 7	1354	39.3658	-10.4882	2266	2270	13	43670	-202	68
DISC90L1	78 2 7	14 0	39.3533	-10.4957	2291	2293	13	43670	-197	76
DISC90L1	78 2 7	14 6	39.3410	-10.5030	2213	2217	13	43668	-194	82
DISC90L1	78 2 7	1412	39.3285	-10.5110	2198	2202	13	43666	-190	90
DISC90L1	78 2 7	1418	39.3160	-10.5182	2236	2240	13	43666	-185	94
DISC90L1	78 2 7	1424	39.3035	-10.5253	2247	2249	13	43666	-180	99
DISC90L1	78 2 7	1430	39.2910	-10.5323	2284	2288	13	43668	-173	103
DISC90L1	78 2 7	1436	39.2787	-10.5393	2308	2312	13	43670	-165	107
DISC90L1	78 2 7	1442	39.2673	-10.5458	2316	2321	13	43670	-161	113
DISC90L1	78 2 7	1448	39.2552	-10.5527	2316	2321	13	43666	-160	117
DISC90L1	78 2 7	1454	39.2430	-10.5595	2283	2286	13	43658	-163	122
DISC90L1	78 2 7	15 0	39.2308	-10.5663	2247	2249	13	43640	-175	127
DISC90L1	78 2 7	15 6	39.2187	-10.5730	2157	2160	13	43620	-190	131
DISC90L1	78 2 7	1512	39.2067	-10.5798	2115	2118	13	43596	-209	136
DISC90L1	78 2 7	1518	39.1945	-10.5867	2067	2070	13	43566	-234	142
DISC90L1	78 2 7	1524	39.1823	-10.5935	2064	2067	13	43536	-259	147
DISC90L1	78 2 7	1530	39.1702	-10.6005	1991	1993	13	43544	-246	152
DISC90L1	78 2 7	1536	39.1580	-10.6075	1917	1920	13	43546	-239	157
DISC90L1	78 2 7	1542	39.1458	-10.6142	1862	1865	13	43564	-216	161
DISC90L1	78 2 7	1548	39.1338	-10.6205	1821	1823	13	43602	-173	165
DISC90L1	78 2 7	1554	39.1217	-10.6270	1812	1814	13	43648	-122	167

CRUISE IDENT		DATE			HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	38	78	2	7	16 0	39.1097	-10.6335	1786	1789	13	43732	-33	166
DISC90L1		78	2	7	16 6	39.0977	-10.6400	1775	1778	13	43752	-8	165
DISC90L1		78	2	7	1612	39.0855	-10.6465	1777	1779	13	43724	-31	163
DISC90L1		78	2	7	1618	39.0733	-10.6530	1807	1809	13	43702	-48	160
DISC90L1		78	2	7	1624	39.0612	-10.6597	1821	1823	13	43682	-63	155
DISC90L1		78	2	7	1630	39.0488	-10.6663	1896	1898	13	43662	-77	151
DISC90L1		78	2	7	1636	39.0367	-10.6728	1953	1957	13	43646	-88	147
DISC90L1		78	2	7	1642	39.0265	-10.6745	2016	2019	13			144
DISC90L1		78	2	7	1648	39.0188	-10.6737	2021	2024	13			140
DISC90L1		78	2	7	1654	39.0105	-10.6722	2031	2034	13			135
DISC90L1		78	2	7	17 0	39.0022	-10.6705	2036	2039	13			132
DISC90L1		78	2	7	17 6	38.9940	-10.6688	2051	2054	13			128
DISC90L1		78	2	7	1712	38.9858	-10.6672	2066	2068	13			155
DISC90L1		78	2	7	1718	38.9777	-10.6655	2076	2079	13			153
DISC90L1		78	2	7	1724	38.9698	-10.6632	2111	2114	13			121
DISC90L1		78	2	7	1730	38.9622	-10.6613	2151	2154	13			117
DISC90L1		78	2	7	1736	38.9567	-10.6597	2162	2165	13	43602	-97	119
DISC90L1		78	2	7	1742	38.9502	-10.6582	2188	2191	13	43596	-100	113
DISC90L1		78	2	7	1748	38.9417	-10.6562	2198	2202	13	43596	-97	110
DISC90L1		78	2	7	1754	38.9332	-10.6540	2252	2255	13	43598	-91	106
DISC90L1		78	2	7	18 0	38.9245	-10.6520	2255	2259	13	43600	-85	102
DISC90L1		78	2	7	18 6	38.9162	-10.6500	2259	2262	13	43602	-79	97
DISC90L1		78	2	7	1812	38.9078	-10.6482	2306	2310	13	43606	-72	92
DISC90L1		78	2	7	1818	38.8997	-10.6463	2353	2357	13	43608	-66	86
DISC90L1		78	2	7	1824	38.8912	-10.6443	2426	2430	13	43610	-60	79
DISC90L1		78	2	7	1830	38.8788	-10.6418	2556	2560	13	43608	-57	71
DISC90L1		78	2	7	1836	38.8652	-10.6392	2711	2716	13	43610	-49	61
DISC90L1		78	2	7	1842	38.8517	-10.6365	2826	2831	13	43602	-51	48
DISC90L1		78	2	7	1848	38.8378	-10.6338	3097	3105	13	43596	-51	34
DISC90L1		78	2	7	1854	38.8242	-10.6310	3199	3208	13	43590	-51	23
DISC90L1		78	2	7	19 0	38.8105	-10.6283	3429	3440	13	43582	-53	11
DISC90L1		78	2	7	19 6	38.7968	-10.6255	3742	3756	13	43574	-55	-0
DISC90L1		78	2	7	1912	38.7832	-10.6228	3887	3904	13	43566	-57	-10
DISC90L1		78	2	7	1918	38.7695	-10.6202	4117	4139	13	43560	-57	-20
DISC90L1		78	2	7	1924	38.7557	-10.6175	4283	4307	13	43554	-57	-28
DISC90L1		78	2	7	1930	38.7417	-10.6147	4389	4417	13	43546	-59	-35
DISC90L1		78	2	7	1936	38.7277	-10.6122	4447	4475	13	43540	-59	-40
DISC90L1		78	2	7	1942	38.7137	-10.6095	4475	4504	13	43534	-59	-45
DISC90L1		78	2	7	1948	38.7003	-10.6070	4497	4526	13	43524	-63	-49
DISC90L1		78	2	7	1954	38.6873	-10.6045	4515	4546	13	43514	-67	-53
DISC90L1		78	2	7	20 0	38.6737	-10.6020	4529	4559	13	43504	-71	-58
DISC90L1		78	2	7	20 6	38.6598	-10.6000	4542	4574	13	43500	-69	-61
DISC90L1		78	2	7	2012	38.6460	-10.5980	4563	4594	13	43494	-69	-65
DISC90L1		78	2	7	2018	38.6322	-10.5960	4580	4612	13	43482	-75	-68
DISC90L1		78	2	7	2024	38.6183	-10.5938	4604	4636	13	43470	-81	-71
DISC90L1		78	2	7	2030	38.6045	-10.5918	4629	4662	13	43460	-85	-75
DISC90L1		78	2	7	2036	38.5907	-10.5898	4651	4685	13	43452	-87	-78
DISC90L1		78	2	7	2042	38.5768	-10.5878	4669	4704	13	43442	-91	-81
DISC90L1		78	2	7	2048	38.5632	-10.5855	4692	4727	13	43430	-97	-82
DISC90L1		78	2	7	2054	38.5497	-10.5835	4709	4744	13	43422	-99	-84
DISC90L1		78	2	7	21 0	38.5362	-10.5813	4723	4759	13	43414	-101	-86
DISC90L1		78	2	7	21 6	38.5227	-10.5793	4737	4773	13	43406	-103	-87
DISC90L1		78	2	7	2112	38.5092	-10.5773	4744	4780	13	43400	-103	-87
DISC90L1		78	2	7	2118	38.4955	-10.5753	4749	4786	13	43392	-105	-87
DISC90L1		78	2	7	2124	38.4820	-10.5732	4757	4795	13	43384	-107	-87
DISC90L1		78	2	7	2130	38.4683	-10.5710	4768	4804	13	43376	-109	-87
DISC90L1		78	2	7	2136	38.4548	-10.5690	4780	4817	13	43370	-109	-87
DISC90L1		78	2	7	2142	38.4412	-10.5668	4796	4835	13	43358	-115	-87
DISC90L1		78	2	7	2148	38.4275	-10.5648	4797	4835	13	43348	-119	-87
DISC90L1		78	2	7	2154	38.4138	-10.5627	4798	4837	13	43340	-121	-86
DISC90L1		78	2	7	22 0	38.4002	-10.5605	4808	4846	13	43334	-121	
DISC90L1		78	2	7	22 6	38.3868	-10.5568	4812	4850	13	43328	-122	
DISC90L1		78	2	7	2212	38.3773	-10.5547	4814	4852	13	43322	-123	
DISC90L1		78	2	7	2218	38.3695	-10.5297	4810	4848	13	43320	-122	-83
DISC90L1		78	2	7	2224	38.3617	-10.5147	4808	4846	13	43320	-118	-81
DISC90L1		78	2	7	2230	38.3540	-10.4997	4808	4846	13	43318	-117	-80
DISC90L1		78	2	7	2236	38.3462	-10.4848	4808	4846	13	43318	-113	-80
DISC90L1		78	2	7	2242	38.3382	-10.4703	4794	4832	13	43314	-113	-79
DISC90L1		78	2	7	2248	38.3302	-10.4558	4786	4825	13	43312	-112	-77
DISC90L1		78	2	7	2254	38.3222	-10.4413	4768	4804	13	43308	-112	-76
DISC90L1		78	2	7	23 0	38.3143	-10.4268	4752	4790	13	43302	-115	-74
DISC90L1		78	2	7	23 6	38.3065	-10.4125	4723	4759	13	43298	-115	-73
DISC90L1		78	2	7	2312	38.2985	-10.3982	4697	4733	13	43292	-117	-71
DISC90L1		78	2	7	2318	38.2907	-10.3837	4663	4698	13	43290	-116	-68
DISC90L1		78	2	7	2324	38.2828	-10.3693	4627	4660	13	43288	-114	-65
DISC90L1		78	2	7	2330	38.2750	-10.3548	4594	4627	13	43282	-117	-63
DISC90L1		78	2	7	2336	38.2672	-10.3405	4577	4609	13	43278	-117	-60
DISC90L1		78	2	7	2342	38.2593	-10.3260	4557	4588	13	43268	-124	-59
DISC90L1		78	2	7	2348	38.2515	-10.3117	4532	4563	13	43260	-128	-57
DISC90L1		78	2	7	2354	38.2437	-10.2972	4502	4532	13	43254	-130	-54
DISC90L1	39	78	2	8	0 0	38.2358	-10.2827	4482	4512	13	43246	-135	-53
DISC90L1		78	2	8	0 6	38.2280	-10.2682	4446	4475	13	43238	-139	-52
DISC90L1		78	2	8	012	38.2205	-10.2533	4417	4444	13	43232	-142	-50
DISC90L1		78	2	8	018	38.2128	-10.2387	4350	4376	13	43228	-142	-49
DISC90L1		78	2	8	024	38.2053	-10.2238	4372	4398	13	43222	-145	-49
DISC90L1		78	2	8	030	38.1977	-10.2088	4372	4398	13	43218	-145	-48
DISC90L1		78	2	8	036	38.1900	-10.1940	4401	4428	13	43210	-150	-47
DISC90L1		78	2	8	042	38.1823	-10.1792	4426	4455	13	43206	-150	-46
DISC90L1		78	2	8	048	38.1747	-10.1645	4401	4428	13	43202	-151	-44
DISC90L1		78	2	8	054	38.1670	-10.1497	4327	4353	13	43196	-153	-45
DISC90L1		78	2	8	1 0	38.1595	-10.1350	4407	4435	13	43196	-150	-45
DISC90L1		78	2	8	1 6	38.1520	-10.1203	4342	4369	13	43194	-149	-46
DISC90L1		78	2	8	112	38.1445	-10.1057	4459	4488	13	43194	-145	-46

CRUISE IDENT	DATE			HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L1	78	2	8	118	38.1368	-10.0910	4497	4526	13	43194	-142	-45
DISC90L1	78	2	8	124	38.1292	-10.0760	4537	4568	13	43194	-138	-43
DISC90L1	78	2	8	130	38.1217	-10.0612	4517	4548	13	43194	-135	-41
DISC90L1	78	2	8	136	38.1140	-10.0463	4507	4537	13	43198	-127	-39
DISC90L1	78	2	8	142	38.1065	-10.0315	4490	4519	13	43202	-120	-37
DISC90L1	78	2	8	148	38.0990	-10.0168	4466	4495	13	43208	-110	-33
DISC90L1	78	2	8	154	38.0913	-10.0020				43210	-105	-30
DISC90L1	78	2	8	2 0	38.0840	-9.9872	4117	4139	13	43214	-99	-28
DISC90L1	78	2	8	2 6	38.0760	-9.9725	3822	3839	13	43212	-97	
DISC90L1	78	2	8	212	38.0710	-9.9570	3702	3716	13	43206	-101	
DISC90L1	78	2	8	218	38.0793	-9.9443	3852	3868	13	43206	-105	-26
DISC90L1	78	2	8	224	38.0907	-9.9345	4016	4036	13	43206	-109	-30
DISC90L1	78	2	8	230	38.1020	-9.9245	4284	4309	13	43206	-114	-31
DISC90L1	78	2	8	236	38.1135	-9.9147	4012	4031	13	43210	-115	-31
DISC90L1	78	2	8	242	38.1250	-9.9052	3747	3762	13	43210	-120	-29
DISC90L1	78	2	8	248	38.1368	-9.8960	3502	3513	13	43210	-125	-24
DISC90L1	78	2	8	254	38.1487	-9.8868	3111	3120	13	43212	-128	-19
DISC90L1	78	2	8	3 0	38.1603	-9.8777	2902	2908	13	43218	-127	-12
DISC90L1	78	2	8	3 6	38.1723	-9.8687	2570	2575	13	43224	-127	-7
DISC90L1	78	2	8	312	38.1840	-9.8598	2306	2310	13	43228	-128	-2
DISC90L1	78	2	8	318	38.1958	-9.8508	2067	2070	13	43230	-131	3
DISC90L1	78	2	8	324	38.2077	-9.8418	1949	1951	13	43234	-132	4
DISC90L1	78	2	8	330	38.2195	-9.8328	1931	1933	13	43234	-137	0
DISC90L1	78	2	8	336	38.2313	-9.8240	2259	2262	13	43240	-136	-8
DISC90L1	78	2	8	342	38.2433	-9.8150	2579	2584	13	43246	-135	-18
DISC90L1	78	2	8	348	38.2552	-9.8060	2847	2853	13	43254	-132	-28
DISC90L1	78	2	8	354	38.2670	-9.7968	3031	3038	13	43262	-129	-36
DISC90L1	78	2	8	4 0	38.2788	-9.7873	3297	3306	13	43272	-124	-41
DISC90L1	78	2	8	4 6	38.2905	-9.7780	3276	3286	13	43286	-115	-43
DISC90L1	78	2	8	412	38.3023	-9.7685	3062	3069	13	43300	-106	-43
DISC90L1	78	2	8	418	38.3140	-9.7592	2586	2591	13	43312	-99	-41
DISC90L1	78	2	8	424	38.3255	-9.7497	2372	2376	13	43322	-94	-39
DISC90L1	78	2	8	430	38.3367	-9.7408	2225	2227	13	43332	-89	-39
DISC90L1	78	2	8	436	38.3470	-9.7332	2175	2178	13	43340	-85	-33
DISC90L1	78	2	8	442	38.3578	-9.7265	2165	2167	13	43352	-78	-28
DISC90L1	78	2	8	448	38.3695	-9.7193	2140	2143	13	43360	-75	-21
DISC90L1	78	2	8	454	38.3808	-9.7125	2051	2054	13	43364	-76	-13
DISC90L1	78	2	8	5 0	38.3920	-9.7057	1856	1858	13	43370	-75	-4
DISC90L1	78	2	8	5 6	38.4035	-9.6987	1531	1533	13	43382	-68	7
DISC90L1	78	2	8	512	38.4152	-9.6927	1321	1322	13	43400	-55	15
DISC90L1	78	2	8	518	38.4263	-9.6872	1136	1138	13	43412	-48	19
DISC90L1	78	2	8	524	38.4380	-9.6813	1285	1287	13	43424	-41	22
DISC90L1	78	2	8	530	38.4495	-9.6755	1176	1178	13	43448	-22	24
DISC90L1	78	2	8	536	38.4612	-9.6697	1056	1059	13	43488	-12	26
DISC90L1	78	2	8	542	38.4730	-9.6638	1126	1128	13	43526	-45	27
DISC90L1	78	2	8	548	38.4847	-9.6580	1096	1099	13	43512	-26	30
DISC90L1	78	2	8	554	38.4963	-9.6522	1086	1088	13	43448	-42	34
DISC90L1	78	2	8	6 0	38.5080	-9.6463	669	671	13	43292	-203	43
DISC90L1	78	2	8	6 6	38.5197	-9.6405	571	572	13	43094	-406	54
DISC90L1	78	2	8	612	38.5310	-9.6348	381	382	13	43120	-385	64
DISC90L1	78	2	8	618	38.5408	-9.6300	187	188	13	43304		71
DISC90L1	78	2	8	624	38.5480	-9.6262	161	163	13	43472	-40	76
DISC90L1	78	2	8	630	38.5562	-9.6222	156	157	13	43592	75	79
DISC90L1	78	2	8	636	38.5647	-9.6178	152	154	13	43596	76	77
DISC90L1	78	2	8	642	38.5720	-9.6140	151	154	13	43388	-134	76
DISC90L1	78	2	8	648	38.5763	-9.6108	150	152	13	43180	-344	76
DISC90L1	78	2	8	654	38.5803	-9.6075	149	150	13	43312	-214	75
DISC90L1	78	2	8	7 0	38.5848	-9.6030	145	146	13	43368	-160	75
DISC90L1	78	2	8	7 6	38.5892	-9.5970						75
DISC90L1	78	2	8	712	38.5927	-9.5900						73
DISC90L1	78	2	8	718	38.5960	-9.5827						75
DISC90L1	78	2	8	724	38.5993	-9.5752						76
DISC90L1	78	2	8	730	38.6030	-9.5692						72
DISC90L1	78	2	8	736	38.6070	-9.5638						72
DISC90L1	78	2	8	742	38.6107	-9.5587						72
DISC90L1	78	2	8	748	38.6130	-9.5557						73
DISC90L1	78	2	8	754	38.6153	-9.5533						72
DISC90L1	78	2	8	8 0	38.6187	-9.5480						76
DISC90L1	78	2	8	8 6	38.6255	-9.5327						84
DISC90L1	78	2	8	812	38.6347	-9.5113						86
DISC90L1	78	2	8	818	38.6448	-9.4880						89
DISC90L1	78	2	8	824	38.6553	-9.4637						85
DISC90L1	78	2	8	830	38.6660	-9.4388						84
DISC90L1	78	2	8	836	38.6753	-9.4165						
DISC90L1	78	2	8	842	38.6820	-9.4132						
DISC90L1	78	2	8	848	38.6820	-9.4132						
DISC90L1	78	2	8	854	38.6827	-9.4137						
DISC90L1	78	2	8	9 0	38.6637	-9.4102						

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 42	78 211	1412	38.2985	-10.0322	136	137	13			160
DISC90L2	78 211	1418	38.2833	-10.0255	128	130	13			159
DISC90L2	78 211	1424	38.2708	-10.0193	125	126	13			173
DISC90L2	78 211	1430	38.2722	-10.0123	121	123	13			167
DISC90L2	78 211	1436	38.2798	-10.0058	128	130	13			161
DISC90L2	78 211	1442	38.2880	-9.9995	140	141	13			152
DISC90L2	78 211	1448	38.2963	-9.9938	153	155	13			145
DISC90L2	78 211	1454	38.3043	-9.9883	192	194	13			135
DISC90L2	78 211	15 0	38.3127	-9.9827	310	313	13			52
DISC90L2	78 211	15 6	38.7422	-9.9100	453	455	13			46
DISC90L2	78 211	1512	38.7343	-9.9172	548	550	13	43484	110	40
DISC90L2	78 211	1518	38.7265	-9.9242	627	629	13	43472	119	37
DISC90L2	78 211	1524	38.7188	-9.9312	730	732	13	43464	124	32
DISC90L2	78 211	1530	38.7110	-9.9380	833	836	13	43454	130	28
DISC90L2	78 211	1536	38.7032	-9.9450	941	944	13	43448	133	25
DISC90L2	78 211	1542	38.6955	-9.9517	1037	1041	13	43448	130	25
DISC90L2	78 211	1548	38.6877	-9.9585	1141	1143	13	43446	128	25
DISC90L2	78 211	1554	38.6757	-9.9675	1314	1317	13	43442	127	22
DISC90L2	78 211	16 0	38.6628	-9.9775	1523	1525	13	43436	128	21
DISC90L2	78 211	16 6	38.6503	-9.9873	1471	1474	13	43434	124	18
DISC90L2	78 211	1612	38.6378	-9.9972	1551	1554	13	43428	125	13
DISC90L2	78 211	1618	38.6252	-10.0070	1335	1337	13	43424	124	8
DISC90L2	78 211	1624	38.6128	-10.0167	1501	1503	13	43418	124	-2
DISC90L2	78 211	1630	38.6000	-10.0258	2056	2059	13	43414	123	-14
DISC90L2	78 211	1636	38.5867	-10.0277	2372	2376	13	43406	125	-20
DISC90L2	78 211	1642	38.5747	-10.0220	2447	2451	13	43400	126	-28
DISC90L2	78 211	1648	38.5668	-10.0107	2652	2657	13	43394	128	-29
DISC90L2	78 211	1654	38.5595	-9.9983	2226	2229	13	43392	127	-33
DISC90L2	78 211	17 0	38.5517	-9.9850	1776	1778	13	43390	125	-13
DISC90L2	78 211	17 6	38.5440	-9.9717	1482	1483	13	43386	126	-5
DISC90L2	78 211	1712	38.5365	-9.9582	1566	1567	13	43376	133	-4
DISC90L2	78 211	1718	38.5277	-9.9440	1876	1878	13	43368	137	10
DISC90L2	78 211	1724	38.5187	-9.9298	2292	2295	13	43388	113	15
DISC90L2	78 211	1730	38.5098	-9.9157	2136	2140	13	43396	101	19
DISC90L2	78 211	1736	38.5010	-9.9017	2127	2131	13	43394	99	20
DISC90L2	78 211	1742	38.4920	-9.8875	2212	2215	13	43390	99	21
DISC90L2	78 211	1748	38.4832	-9.8737	2476	2480	13	43374	111	23
DISC90L2	78 211	1754	38.4745	-9.8600	2636	2641	13	43342	139	24
DISC90L2	78 211	18 0	38.4658	-9.8462	2181	2184	13	43328	150	22
DISC90L2	78 211	18 6	38.4570	-9.8322	2179	2182	13	43366	108	19
DISC90L2	78 211	1812	38.4483	-9.8182	2153	2156	13	43402	68	17
DISC90L2	78 211	1818	38.4395	-9.8043	2212	2215	13	43416	50	18
DISC90L2	78 211	1824	38.4308	-9.7907	2316	2321	13	43414	48	20
DISC90L2	78 211	1830	38.4222	-9.7770	2375	2379	13	43402	56	19
DISC90L2	78 211	1836	38.4135	-9.7632	1996	1999	13	43406	49	16
DISC90L2	78 211	1842	38.4047	-9.7495	1811	1814	13	43416	35	13
DISC90L2	78 211	1848	38.3960	-9.7360	1891	1893	13	43404	43	14
DISC90L2	78 211	1854	38.3873	-9.7220	1976	1979	13	43386	57	15
DISC90L2	78 211	19 0	38.3785	-9.7085	1962	1964	13	43374	65	13
DISC90L2	78 211	19 6	38.3702	-9.6947	1786	1789	13	43358	77	15
DISC90L2	78 211	1912	38.3620	-9.6810	1882	1884	13	43348	84	19
DISC90L2	78 211	1918	38.3537	-9.6673	2252	2255	13	43342	86	27
DISC90L2	78 211	1924	38.3453	-9.6535	2396	2399	13	43334	90	33
DISC90L2	78 211	1930	38.3368	-9.6395	2562	2566	13	43328	93	37
DISC90L2	78 211	1936	38.3285	-9.6253	2626	2632	13	43322	95	38
DISC90L2	78 211	1942	38.3202	-9.6112	2664	2668	13	43316	97	37
DISC90L2	78 211	1948	38.3117	-9.5972	2572	2577	13	43314	96	34
DISC90L2	78 211	1954	38.3028	-9.5833	1906	1909	13	43314	92	29
DISC90L2	78 211	20 0	38.2940	-9.5693	1751	1754	13	43314	88	22
DISC90L2	78 211	20 6	38.2852	-9.5553	1448	1450	13	43302	96	15
DISC90L2	78 211	2012	38.2762	-9.5412	1270	1273	13	43295	102	10
DISC90L2	78 211	2018	38.2673	-9.5270	1224	1227	13	43302	88	11
DISC90L2	78 211	2024	38.2585	-9.5128	1349	1351	13	43324	62	16
DISC90L2	78 211	2030	38.2497	-9.4987	2087	2090	13	43314	68	25
DISC90L2	78 211	2036	38.2408	-9.4847	2532	2537	13	43296	82	32
DISC90L2	78 211	2042	38.2320	-9.4705	2693	2697	13	43284	91	35
DISC90L2	78 211	2048	38.2230	-9.4563	1931	1933	13	43276	95	32
DISC90L2	78 211	2054	38.2135	-9.4412	1591	1593	13	43266	100	25
DISC90L2	78 211	21 0	38.2038	-9.4257	1658	1661	13	43248	114	20
DISC90L2	78 211	21 6	38.1943	-9.4102	1366	1368	13	43234	124	13
DISC90L2	78 211	2112	38.1847	-9.3945	1208	1211	13	43222	132	6
DISC90L2	78 211	2118	38.1758	-9.3768	1147	0	13	43220		
DISC90L2	78 211	2124	38.1712	-9.3485	1097	0	13	43246		
DISC90L2	78 211	2130	38.1663	-9.3202	1076	0	13	43228		
DISC90L2	78 211	2136	38.1617	-9.2917	1112	0	13	43204		
DISC90L2	78 211	2142	38.1228	-9.3622	1108	1110	13	43190	137	2
DISC90L2	78 211	2148	38.1085	-9.3675	1109	1112	13	43178	143	0
DISC90L2	78 211	2154	38.0942	-9.3730	1091	1094	13	43168	146	0
DISC90L2	78 211	22 0	38.0797	-9.3783	1094	1095	13	43156	152	1
DISC90L2	78 211	22 6	38.0653	-9.3838	1108	1110	13	43150	152	3
DISC90L2	78 211	2212	38.0510	-9.3892	1127	1128	13	43158	138	6
DISC90L2	78 211	2218	38.0367	-9.3945	1116	1119	13	43152	138	10
DISC90L2	78 211	2224	38.0223	-9.3998	1085	1086	13	43158	125	11
DISC90L2	78 211	2230	38.0080	-9.4052	1084	1086	13	43158	119	12
DISC90L2	78 211	2236	37.9940	-9.4103	1086	1088	13	43148	123	19
DISC90L2	78 211	2242	37.9797	-9.4138	1053	1055	13	43138	127	22
DISC90L2	78 211	2248	37.9653	-9.4175	1035	1037	13	43128	131	20
DISC90L2	78 211	2254	37.9513	-9.4217	1039	1042	13	43120	133	15
DISC90L2	78 211	23 0	37.9372	-9.4257	1048	1050	13	43104	142	5
DISC90L2	78 211	23 6	37.9228	-9.4297	1028	1031	13	43110	130	5
DISC90L2	78 211	2312	37.9087	-9.4333	1011	1013	13	43096	138	6
DISC90L2	78 211	2318	37.8943	-9.4373	1009	1011	13	43084	143	7
DISC90L2	78 211	2324	37.8797	-9.4420	1008	1009	13	43074	147	33

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 211	2330	37.8648	-9.4465	950	953	13	43070	144	35
DISC90L2	78 211	2336	37.8500	-9.4512	939	942	13	43062	146	32
DISC90L2	78 211	2342	37.8353	-9.4560	955	958	13	43058	143	32
DISC90L2	78 211	2348	37.8205	-9.4608	951	953	13	43054	141	37
DISC90L2	78 211	2354	37.8058	-9.4657	956	958	13	43046	142	37
DISC90L2 43	78 212	0 0	37.7910	-9.4707	1061	1063	13	43040	142	36
DISC90L2	78 212	0 6	37.7752	-9.4753	1166	1169	13	43032	143	39
DISC90L2	78 212	012	37.7613	-9.4802	742	744	13	43020	149	49
DISC90L2	78 212	018	37.7467	-9.4850	638	640	13	43006	156	56
DISC90L2	78 212	024	37.7328	-9.4898	630	633	13	43006	150	57
DISC90L2	78 212	030	37.7190	-9.4947	626	629	13	43004	146	58
DISC90L2	78 212	036	37.7047	-9.4995	851	854	13	42996	148	50
DISC90L2	78 212	042	37.6903	-9.5045	928	931	13	42996	141	44
DISC90L2	78 212	048	37.6757	-9.5095	1025	1028	13	42994	137	37
DISC90L2	78 212	054	37.6610	-9.5145	1107	1110	13	42992	132	32
DISC90L2	78 212	1 0	37.6460	-9.5197	1153	1156	13	42988	130	29
DISC90L2	78 212	1 6	37.6310	-9.5245	1198	1202	13	42980	131	25
DISC90L2	78 212	112	37.6158	-9.5293	1258	1260	13	42978	126	21
DISC90L2	78 212	118	37.6008	-9.5340	1293	1295	13	42974	124	16
DISC90L2	78 212	124	37.5858	-9.5388	1337	1339	13	42968	123	14
DISC90L2	78 212	130	37.5707	-9.5435	1365	1366	13	42964	120	11
DISC90L2	78 212	136	37.5555	-9.5483	1388	1390	13	42958	120	8
DISC90L2	78 212	142	37.5403	-9.5532	1416	1419	13	42954	117	7
DISC90L2	78 212	148	37.5252	-9.5580	1438	1441	13	42950	114	7
DISC90L2	78 212	154	37.5102	-9.5627	1478	1481	13	42948	110	7
DISC90L2	78 212	2 0	37.4952	-9.5673	1507	1509	13	42944	107	5
DISC90L2	78 212	2 6	37.4800	-9.5720	1538	1540	13	42940	104	3
DISC90L2	78 212	212	37.4646	-9.5765	1616	1618	13	42934	104	2
DISC90L2	78 212	218	37.4497	-9.5795	1619	1622	13	42930	101	2
DISC90L2	78 212	224	37.4350	-9.5768	1576	1578	13	42926	98	1
DISC90L2	78 212	230	37.4202	-9.5738	1605	1608	13	42920	98	1
DISC90L2	78 212	236	37.4050	-9.5708	1576	1578	13	42914	97	-0
DISC90L2	78 212	242	37.3897	-9.5683	1581	1584	13	42908	96	1
DISC90L2	78 212	248	37.3743	-9.5658	1526	1529	13	42902	96	4
DISC90L2	78 212	254	37.3592	-9.5633	1427	1430	13	42896	95	5
DISC90L2	78 212	3 0	37.3440	-9.5608	1429	1432	13	42890	94	7
DISC90L2	78 212	3 6	37.3287	-9.5588	1395	1397	13	42884	93	10
DISC90L2	78 212	312	37.3133	-9.5570	1342	1344	13	42880	91	12
DISC90L2	78 212	318	37.2980	-9.5550	1341	1344	13	42878	86	14
DISC90L2	78 212	324	37.2825	-9.5530	1351	1353	13	42872	85	15
DISC90L2	78 212	330	37.2672	-9.5512	1348	1351	13	42866	84	15
DISC90L2	78 212	336	37.2517	-9.5492	1385	1388	13	42860	83	14
DISC90L2	78 212	342	37.2362	-9.5473	1456	1458	13	42854	82	11
DISC90L2	78 212	348	37.2208	-9.5453	1530	1533	13	42848	82	11
DISC90L2	78 212	354	37.2053	-9.5435	1530	1533	13	42844	79	13
DISC90L2	78 212	4 0	37.1898	-9.5417	1522	1523	13	42838	78	16
DISC90L2	78 212	4 6	37.1743	-9.5398	1526	1529	13	42834	75	20
DISC90L2	78 212	412	37.1590	-9.5375	1716	1719	13	42828	74	25
DISC90L2	78 212	418	37.1437	-9.5350	1566	1567	13	42822	73	29
DISC90L2	78 212	424	37.1282	-9.5325	1562	1564	13	42814	75	34
DISC90L2	78 212	430	37.1127	-9.5300	1616	1618	13	42804	78	36
DISC90L2	78 212	436	37.0972	-9.5275	1682	1684	13	42792	83	37
DISC90L2	78 212	442	37.0817	-9.5250	1601	1604	13	42782	86	40
DISC90L2	78 212	448	37.0662	-9.5223	1539	1542	13	42772	89	42
DISC90L2	78 212	454	37.0507	-9.5198	1469	1472	13	42764	90	44
DISC90L2	78 212	5 0	37.0353	-9.5173	1427	1430	13	42754	93	44
DISC90L2	78 212	5 6	37.0198	-9.5147	1465	1467	13	42744	97	44
DISC90L2	78 212	512	37.0043	-9.5122	1414	1415	13	42738	96	44
DISC90L2	78 212	518	36.9890	-9.5097	1428	1430	13	42734	93	44
DISC90L2	78 212	524	36.9737	-9.5072	1493	1496	13	42728	92	42
DISC90L2	78 212	530	36.9583	-9.5047	1726	1728	13	42722	91	39
DISC90L2	78 212	536	36.9428	-9.5020	1891	1893	13	42718	88	36
DISC90L2	78 212	542	36.9273	-9.4995	2101	2103	13	42712	87	32
DISC90L2	78 212	548	36.9118	-9.4970	2138	2142	13	42708	84	30
DISC90L2	78 212	554	36.8963	-9.4960	2416	2420	13	42700	85	31
DISC90L2	78 212	6 0	36.8808	-9.4993	2763	2767	13	42690	88	31
DISC90L2	78 212	6 6	36.8652	-9.5028				42684	87	35
DISC90L2	78 212	612	36.8498	-9.5070	2257	2260	13	42678	86	41
DISC90L2	78 212	618	36.8343	-9.5110	1857	1860	13	42676	81	49
DISC90L2	78 212	624	36.8188	-9.5150	1787	1790	13	42676	74	55
DISC90L2	78 212	630	36.8033	-9.5192	1834	1836	13	42676	67	59
DISC90L2	78 212	636	36.7877	-9.5233	1788	1790	13	42672	64	63
DISC90L2	78 212	642	36.7725	-9.5273	1976	1979	13	42670	59	65
DISC90L2	78 212	648	36.7572	-9.5313	1914	1917	13	42660	62	68
DISC90L2	78 212	654	36.7418	-9.5353	1821	1823	13	42650	65	71
DISC90L2	78 212	7 0	36.7263	-9.5393	1761	1763	13	42640	68	72
DISC90L2	78 212	7 6	36.7110	-9.5433	1818	1820	13	42632	69	71
DISC90L2	78 212	712	36.6958	-9.5473	1881	1884	13	42622	73	68
DISC90L2	78 212	718	36.6805	-9.5513	2067	2070	13	42614	74	64
DISC90L2	78 212	724	36.6652	-9.5553	2216	2218	13	42600	81	57
DISC90L2	78 212	730	36.6497	-9.5593	2461	2465	13	42584	90	52
DISC90L2	78 212	736	36.6345	-9.5633	2777	2782	13	42568	99	47
DISC90L2	78 212	742	36.6192	-9.5675	3037	3045	13	42556	104	41
DISC90L2	78 212	748	36.6038	-9.5712	3284	3294	13	42544	109	38
DISC90L2	78 212	754	36.5885	-9.5753	3292	3301	13	42532	114	36
DISC90L2	78 212	8 0	36.5732	-9.5793	3126	3133	13	42522	117	36
DISC90L2	78 212	8 6	36.5582	-9.5790	3147	3155	13	42516	116	34
DISC90L2	78 212	812	36.5503	-9.5675	3105	3113	13	42506	123	32
DISC90L2	78 212	818	36.5503	-9.5512	3016	3023	13	42508	121	29
DISC90L2	78 212	824	36.5505	-9.5343	3002	3009	13	42510	119	27
DISC90L2	78 212	830	36.5507	-9.5173	2949	2955	13	42516	113	25
DISC90L2	78 212	836	36.5510	-9.5003	2972	2979	13	42520	109	23
DISC90L2	78 212	842	36.5512	-9.4833	2839	2846	13	42520	109	21

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 212	848	36.5512	-8.4663	2939	2946	13	42520	-109	20
DISC90L2	78 212	854	36.5507	-8.4483	2898	2904	13	42518	-111	18
DISC90L2	78 212	9 0	36.5500	-8.4303	2873	2879	13	42522	-107	16
DISC90L2	78 212	9 6	36.5497	-8.4125	2944	2950	13	42522	-107	13
DISC90L2	78 212	912	36.5513	-8.3950	2936	2943	13	42524	-106	10
DISC90L2	78 212	918	36.5532	-8.3775	2879	2886	13	42526	-104	
DISC90L2	78 212	924	36.5550	-8.3600	2597	2602	13	42526	-105	10
DISC90L2	78 212	930	36.5568	-8.3427	2458	2462	13	42524	-108	10
DISC90L2	78 212	936	36.5592	-8.3250	2426	2430	13	42526	-107	11
DISC90L2	78 212	942	36.5617	-8.3073	2293	2297	13	42524	-110	11
DISC90L2	78 212	948	36.5640	-8.2898	2215	2218	13	42526	-109	11
DISC90L2	78 212	954	36.5665	-8.2723	2143	2147	13	42524	-112	7
DISC90L2	78 212	10 0	36.5688	-8.2550	2239	2242	13	42526	-112	4
DISC90L2	78 212	10 6	36.5713	-8.2373	2389	2392	13	42524	-115	3
DISC90L2	78 212	1012	36.5737	-8.2198	2301	2304	13	42522	-118	1
DISC90L2	78 212	1018	36.5762	-8.2025	2310	2313	13	42520	-121	-0
DISC90L2	78 212	1024	36.5787	-8.1843	2088	2090	13	42520	-122	-2
DISC90L2	78 212	1030	36.5815	-8.1660	2046	2048	13	42520	-123	-3
DISC90L2	78 212	1036	36.5843	-8.1475	1774	1776	13	42522	-123	-1
DISC90L2	78 212	1042	36.5870	-8.1293	1838	1842	13	42522	-124	-4
DISC90L2	78 212	1048	36.5897	-8.1115	1931	1933	13	42526	-121	-9
DISC90L2	78 212	1054	36.5923	-8.0937	2136	2140	13	42528	-120	-11
DISC90L2	78 212	11 0	36.5950	-8.0757	2210	2213	13	42526	-124	-12
DISC90L2	78 212	11 6	36.5975	-8.0575	1767	1768	13	42530	-121	-10
DISC90L2	78 212	1112	36.5985	-8.0392	1831	1834	13	42532	-119	-8
DISC90L2	78 212	1118	36.5993	-8.0208	1592	1595	13	42532	-120	-5
DISC90L2	78 212	1124	36.6003	-8.0023	1740	1743	13	42530	-122	-4
DISC90L2	78 212	1130	36.6012	-7.9838	1541	1544	13	42530	-122	-1
DISC90L2	78 212	1136	36.6022	-7.9650	1629	1631	13	42532	-121	-2
DISC90L2	78 212	1142	36.6030	-7.9463	1579	1582	13	42532	-121	-1
DISC90L2	78 212	1148	36.6038	-7.9277	1541	1544	13	42534	-120	-0
DISC90L2	78 212	1154	36.6047	-7.9088	1581	1584	13	42536	-118	2
DISC90L2	78 212	12 0	36.6055	-7.8900	1330	1331	13	42536	-119	7
DISC90L2	78 212	12 6	36.6063	-7.8710	1396	1399	13	42542	-113	9
DISC90L2	78 212	1212	36.6072	-7.8522	1500	1503	13	42542	-114	11
DISC90L2	78 212	1218	36.6082	-7.8335	1397	1399	13	42544	-112	11
DISC90L2	78 212	1224	36.6090	-7.8148	1294	1297	13	42542	-115	13
DISC90L2	78 212	1230	36.6098	-7.7960	1087	1090	13	42542	-115	16
DISC90L2	78 212	1236	36.6107	-7.7775	977	980	13	42542	-116	20
DISC90L2	78 212	1242	36.6115	-7.7593	900	902	13	42542	-116	22
DISC90L2	78 212	1248	36.6122	-7.7412	852	854	13	42542	-117	22
DISC90L2	78 212	1254	36.6130	-7.7227	841	843	13	42542	-117	22
DISC90L2	78 212	13 0	36.6138	-7.7043	835	838	13	42542	-118	21
DISC90L2	78 212	13 6	36.6148	-7.6860	838	841	13	42542	-118	19
DISC90L2	78 212	1312	36.6157	-7.6678	854	856	13	42544	-117	17
DISC90L2	78 212	1318	36.6165	-7.6490	891	892	13	42544	-117	16
DISC90L2	78 212	1324	36.6173	-7.6305	919	922	13	42548	-114	15
DISC90L2	78 212	1330	36.6183	-7.6120	915	918	13	42548	-115	13
DISC90L2	78 212	1336	36.6190	-7.5935	927	929	13	42548	-115	12
DISC90L2	78 212	1342	36.6193	-7.5748	1081	1083	13	42546	-117	9
DISC90L2	78 212	1348	36.6197	-7.5560	1081	1083	13	42544	-119	3
DISC90L2	78 212	1354	36.6200	-7.5382	1631	1633	13	42542	-122	-7
DISC90L2	78 212	14 0	36.6203	-7.5202	1682	1684	13	42542	-122	-9
DISC90L2	78 212	14 6	36.6208	-7.5023	1221	1223	13	42548	-116	-5
DISC90L2	78 212	1412	36.6212	-7.4843	1164	1167	13	42546	-119	-1
DISC90L2	78 212	1418	36.6215	-7.4665	1075	1077	13	42550	-115	1
DISC90L2	78 212	1424	36.6220	-7.4485	1008	1009	13	42552	-113	3
DISC90L2	78 212	1430	36.6223	-7.4307	959	962	13	42556	-110	3
DISC90L2	78 212	1436	36.6227	-7.4127	955	958	13	42556	-110	3
DISC90L2	78 212	1442	36.6230	-7.3945	1021	1024	13	42556	-109	1
DISC90L2	78 212	1448	36.6233	-7.3765	1099	1101	13	42560	-106	1
DISC90L2	78 212	1454	36.6237	-7.3583	997	1000	13	42560	-107	3
DISC90L2	78 212	15 0	36.6240	-7.3402	971	973	13	42560	-107	5
DISC90L2	78 212	15 6	36.6243	-7.3223	928	931	13	42562	-105	6
DISC90L2	78 212	1512	36.6247	-7.3047	899	902	13	42562	-105	7
DISC90L2	78 212	1518	36.6230	-7.2872	896	898	13	42558	-109	9
DISC90L2	78 212	1524	36.6135	-7.2735	919	922	13	42562	-101	9
DISC90L2	78 212	1530	36.6007	-7.2645	961	964	13	42554	-103	6
DISC90L2	78 212	1536	36.5873	-7.2555	1035	1037	13	42544	-107	7
DISC90L2	78 212	1542	36.5740	-7.2468	1079	1083	13	42534	-111	6
DISC90L2	78 212	1548	36.5605	-7.2383	1113	1116	13	42526	-113	7
DISC90L2	78 212	1554	36.5470	-7.2298	1151	1154	13	42514	-119	9
DISC90L2	78 212	16 0	36.5335	-7.2212	1181	1183	13	42502	-125	13
DISC90L2	78 212	16 6	36.5200	-7.2127	1191	1194	13	42492	-129	18
DISC90L2	78 212	1612	36.5062	-7.2042	1184	1187	13	42482	-133	21
DISC90L2	78 212	1618	36.4925	-7.1960	1171	1172	13	42474	-135	26
DISC90L2	78 212	1624	36.4788	-7.1875	1157	1159	13	42460	-143	32
DISC90L2	78 212	1630	36.4652	-7.1793	1136	1138	13	42452	-145	40
DISC90L2	78 212	1636	36.4515	-7.1710	1126	1128	13	42444	-147	49
DISC90L2	78 212	1642	36.4378	-7.1627	1118	1121	13	42438	-147	56
DISC90L2	78 212	1648	36.4242	-7.1543	1144	1147	13	42422	-157	62
DISC90L2	78 212	1654	36.4105	-7.1460	1213	1214	13	42402	-171	64
DISC90L2	78 212	17 0	36.3967	-7.1377	1264	1267	13	42382	-184	67
DISC90L2	78 212	17 6	36.3830	-7.1292	1291	1293	13	42372	-188	69
DISC90L2	78 212	1712	36.3693	-7.1210	1334	1337	13	42364	-190	73
DISC90L2	78 212	1718	36.3557	-7.1127	1394	1397	13	42364	-184	74
DISC90L2	78 212	1724	36.3422	-7.1045	1466	1469	13	42378	-164	77
DISC90L2	78 212	1730	36.3285	-7.0962	1433	1436	13	42406	-130	80
DISC90L2	78 212	1736	36.3148	-7.0880	1335	1337	13	42446	-84	84
DISC90L2	78 212	1742	36.3012	-7.0797	1291	1293	13	42492	-32	85
DISC90L2	78 212	1748	36.2875	-7.0715	1293	1295	13	42542	23	84
DISC90L2	78 212	1754	36.2738	-7.0632	1312	1315	13	42582	69	82
DISC90L2	78 212	18 0	36.2600	-7.0548	1353	1355	13	42608	101	79

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 212	18 6	36.2460	-8.0463	1398	1401	13	42618	117	74
DISC90L2	78 212	1812	36.2323	-8.0380	1455	1458	13	42614	120	66
DISC90L2	78 212	1818	36.2185	-8.0297	1482	1483	13	42598	110	59
DISC90L2	78 212	1824	36.2047	-8.0213	1522	1523	13	42576	94	49
DISC90L2	78 212	1830	36.1908	-8.0130	1522	1523	13	42554	78	42
DISC90L2	78 212	1836	36.1770	-8.0045	1486	1489	13	42520	50	36
DISC90L2	78 212	1842	36.1633	-7.9962	1326	1328	13	42482	17	30
DISC90L2	78 212	1848	36.1495	-7.9877	1396	1399	13	42456	-2	22
DISC90L2	78 212	1854	36.1357	-7.9793	1544	1547	13	42432	-20	13
DISC90L2	78 212	19 0	36.1218	-7.9710	1576	1578	13	42412	-34	6
DISC90L2	78 212	19 6	36.1080	-7.9625	1564	1565	13	42396	-44	0
DISC90L2	78 212	1912	36.0942	-7.9542	1554	1556	13	42378	-56	-5
DISC90L2	78 212	1918	36.0802	-7.9458	1323	1324	13	42366	-62	-9
DISC90L2	78 212	1924	36.0663	-7.9373	1296	1298	13	42350	-71	-14
DISC90L2	78 212	1930	36.0525	-7.9290	1286	1287	13	42334	-81	-19
DISC90L2	78 212	1936	36.0388	-7.9207	1246	1247	13	42320	-89	-22
DISC90L2	78 212	1942	36.0252	-7.9125	1286	1287	13	42306	-97	-27
DISC90L2	78 212	1948	36.0115	-7.9042	1426	1428	13	42294	-103	-31
DISC90L2	78 212	1954	35.9978	-7.8958	1454	1456	13	42280	-110	-35
DISC90L2	78 212	20 0	35.9840	-7.8875	1476	1479	13	42272	-112	-39
DISC90L2	78 212	20 6	35.9703	-7.8793	1365	1366	13	42260	-118	-41
DISC90L2	78 212	2012	35.9567	-7.8712	1410	1412	13	42248	-124	-45
DISC90L2	78 212	2018	35.9430	-7.8628	1457	1459	13	42236	-130	-47
DISC90L2	78 212	2024	35.9295	-7.8547	1496	1498	13	42224	-136	-47
DISC90L2	78 212	2030	35.9156	-7.8463	1477	1479	13	42212	-142	-47
DISC90L2	78 212	2036	35.9023	-7.8382	1541	1544	13	42202	-146	-49
DISC90L2	78 212	2042	35.8887	-7.8300	1501	1503	13	42194	-148	-49
DISC90L2	78 212	2048	35.8765	-7.8227	1536	1538	13	42184	-151	-50
DISC90L2	78 212	2054	35.8632	-7.8147	1532	1534	13	42174	-153	-51
DISC90L2	78 212	21 0	35.8495	-7.8063	1508	1511	13	42168	-156	-52
DISC90L2	78 212	21 6	35.8358	-7.7982	1579	1582	13	42166	-152	-54
DISC90L2	78 212	2112	35.8222	-7.7900	1531	1533	13	42162	-150	-54
DISC90L2	78 212	2118	35.8085	-7.7818	1533	1534	13	42158	-148	-56
DISC90L2	78 212	2124	35.7950	-7.7735	1546	1549	13	42156	-144	-58
DISC90L2	78 212	2130	35.7815	-7.7653	1487	1489	13	42158	-136	-60
DISC90L2	78 212	2136	35.7678	-7.7572	1546	1549	13	42166	-122	-62
DISC90L2	78 212	2142	35.7543	-7.7490	1531	1533	13	42166	-116	-63
DISC90L2	78 212	2148	35.7408	-7.7410	1536	1538	13	42162	-114	-64
DISC90L2	78 212	2154	35.7272	-7.7328	1476	1479	13	42162	-108	-66
DISC90L2	78 212	22 0	35.7138	-7.7247	1428	1430	13	42164	-100	-66
DISC90L2	78 212	22 6	35.7002	-7.7165	1486	1489	13	42164	-94	-68
DISC90L2	78 212	2212	35.6858	-7.7075	1522	1523	13	42166	-86	-68
DISC90L2	78 212	2218	35.6725	-7.6993	1522	1523	13	42166	-80	-70
DISC90L2	78 212	2224	35.6588	-7.6913	1511	1514	13	42158	-82	-70
DISC90L2	78 212	2230	35.6452	-7.6830	1431	1434	13	42156	-78	-70
DISC90L2	78 212	2236	35.6315	-7.6748	1431	1434	13	42152	-76	-72
DISC90L2	78 212	2242	35.6178	-7.6665	1419	1421	13	42148	-74	-72
DISC90L2	78 212	2248	35.6042	-7.6583	1431	1434	13	42140	-76	-74
DISC90L2	78 212	2254	35.5905	-7.6502	1431	1434	13	42134	-75	-76
DISC90L2	78 212	23 0	35.5768	-7.6418	1442	1445	13	42126	-77	-78
DISC90L2	78 212	23 6	35.5633	-7.6337	1457	1459	13	42120	-77	-77
DISC90L2	78 212	2312	35.5498	-7.6255	1393	1395	13	42112	-79	-78
DISC90L2	78 212	2318	35.5365	-7.6173	1496	1498	13	42104	-81	-78
DISC90L2	78 212	2324	35.5227	-7.6092	1375	1377	13	42098	-81	-78
DISC90L2	78 212	2330	35.5092	-7.6010	1391	1394	13	42092	-81	-77
DISC90L2	78 212	2336	35.4953	-7.5930	1403	1405	13	42086	-81	-76
DISC90L2	78 212	2342	35.4817	-7.5848	1402	1405	13	42080	-81	-76
DISC90L2	78 212	2348	35.4683	-7.5765	1428	1430	13	42074	-81	-76
DISC90L2	78 212	2354	35.4547	-7.5683	1622	1624	13	42068	-81	-76
DISC90L2 44	78 213	0 0	35.4412	-7.5602	1676	1679	13	42062	-81	-75
DISC90L2	78 213	0 6	35.4277	-7.5520	1649	1651	13	42054	-83	-73
DISC90L2	78 213	012	35.4140	-7.5437	1501	1503	13	42048	-83	-69
DISC90L2	78 213	018	35.4005	-7.5355	1374	1377	13	42040	-85	-66
DISC90L2	78 213	024	35.3870	-7.5272	1341	1344	13	42032	-87	-62
DISC90L2	78 213	030	35.3733	-7.5187	1411	1414	13	42024	-89	-58
DISC90L2	78 213	036	35.3595	-7.5103	1401	1403	13	42016	-91	-54
DISC90L2	78 213	042	35.3458	-7.5020	1341	1344	13	42010	-91	-50
DISC90L2	78 213	048	35.3322	-7.4937	1397	1399	13	42002	-93	-46
DISC90L2	78 213	054	35.3183	-7.4853	1352	1355	13	41994	-95	-43
DISC90L2	78 213	1 0	35.3047	-7.4768	1296	1298	13	41990	-93	-39
DISC90L2	78 213	1 6	35.2910	-7.4685	1277	1280	13	41984	-93	-36
DISC90L2	78 213	112	35.2775	-7.4603	1356	1359	13	41980	-91	
DISC90L2	78 213	118	35.2638	-7.4520	1261	1264	13	41974	-91	-30
DISC90L2	78 213	124	35.2503	-7.4437	1249	1251	13	41970	-89	-29
DISC90L2	78 213	130	35.2367	-7.4353	1235	1238	13	41960	-93	-28
DISC90L2	78 213	136	35.2230	-7.4270	1211	1212	13	41954	-92	-26
DISC90L2	78 213	142	35.2092	-7.4187	1226	1229	13	41946	-94	-25
DISC90L2	78 213	148	35.1955	-7.4103	1207	1209	13	41936	-98	-23
DISC90L2	78 213	154	35.1818	-7.4020	1307	1309	13	41930	-98	-23
DISC90L2	78 213	2 0	35.1682	-7.3937	1238	1242	13	41920	-102	-23
DISC90L2	78 213	2 6	35.1547	-7.3855	1217	1220	13	41910	-106	-23
DISC90L2	78 213	212	35.1413	-7.3775	1209	1211	13	41900	-110	-23
DISC90L2	78 213	218	35.1278	-7.3693	1251	1253	13	41898	-106	-23
DISC90L2	78 213	224	35.1143	-7.3612	1217	1220	13	41896	-102	-23
DISC90L2	78 213	230	35.1010	-7.3530	1230	1233	13	41892	-100	-24
DISC90L2	78 213	236	35.0875	-7.3447	1181	1183	13	41886	-100	-24
DISC90L2	78 213	242	35.0740	-7.3365	1212	1214	13	41878	-102	-25
DISC90L2	78 213	248	35.0607	-7.3283	1212	1214	13	41866	-108	-26
DISC90L2	78 213	254	35.0472	-7.3203	1206	1209	13	41860	-108	-27
DISC90L2	78 213	3 0	35.0338	-7.3122	1198	1202	13	41852	-111	-30
DISC90L2	78 213	3 6	35.0205	-7.3042	1150	1152	13	41842	-115	-31
DISC90L2	78 213	312	35.0070	-7.2960	1144	1147	13	41834	-117	-32
DISC90L2	78 213	318	34.9935	-7.2877	1076	1079	13	41826	-119	-32

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	4478	213 324	34.9800	-7.2795	1041	1042	13	41818	-121	-33
DISC90L2	78	213 330	34.9665	-7.2713	1009	1011	13	41812	-121	-34
DISC90L2	78	213 336	34.9532	-7.2632	1015	1017	13	41804	-123	-36
DISC90L2	78	213 342	34.9397	-7.2550	1001	1002	13	41800	-121	-37
DISC90L2	78	213 348	34.9262	-7.2470	976	978	13	41794	-121	-38
DISC90L2	78	213 354	34.9127	-7.2387	962	964	13	41788	-121	-41
DISC90L2	78	213 4 0	34.8990	-7.2305	941	944	13	41784	-119	-42
DISC90L2	78	213 4 6	34.8855	-7.2223	961	964	13	41776	-121	-44
DISC90L2	78	213 412	34.8720	-7.2142	945	947	13	41770	-121	-45
DISC90L2	78	213 418	34.8583	-7.2060	984	986	13	41766	-119	-47
DISC90L2	78	213 424	34.8447	-7.1978	993	995	13	41762	-116	-49
DISC90L2	78	213 430	34.8310	-7.1897	1089	1092	13	41760	-112	-51
DISC90L2	78	213 436	34.8173	-7.1813	1172	1174	13	41754	-112	-52
DISC90L2	78	213 442	34.8038	-7.1732	1228	1231	13	41750	-110	-55
DISC90L2	78	213 448	34.7900	-7.1648	1242	1244	13	41744	-110	-58
DISC90L2	78	213 454	34.7765	-7.1567	1241	1244	13	41740	-108	-61
DISC90L2	78	213 5 0	34.7628	-7.1483	1266	1269	13	41732	-110	-64
DISC90L2	78	213 5 6	34.7492	-7.1400	1308	1311	13	41728	-108	-68
DISC90L2	78	213 512	34.7353	-7.1317	1308	1311	13	41722	-107	-69
DISC90L2	78	213 518	34.7217	-7.1235	1291	1293	13	41716	-107	-71
DISC90L2	78	213 524	34.7090	-7.1148	1279	1282	13	41712	-106	-72
DISC90L2	78	213 530	34.6962	-7.1062	1264	1267	13	41706	-106	-73
DISC90L2	78	213 536	34.6822	-7.1008	1249	1251	13	41704	-101	-74
DISC90L2	78	213 542	34.6680	-7.1045	1249	1251	13	41696	-103	-77
DISC90L2	78	213 548	34.6572	-7.1162	1275	1278	13	41686	-108	-77
DISC90L2	78	213 554	34.6502	-7.1317	1309	1311	13	41682	-108	-77
DISC90L2	78	213 6 0	34.6435	-7.1475	1341	1344	13	41678	-109	-77
DISC90L2	78	213 6 6	34.6368	-7.1635	1368	1370	13	41676	-107	-77
DISC90L2	78	213 612	34.6300	-7.1795	1407	1408	13	41672	-108	-78
DISC90L2	78	213 618	34.6232	-7.1958	1439	1441	13	41668	-109	-77
DISC90L2	78	213 624	34.6163	-7.2120	1482	1483	13	41664	-109	-78
DISC90L2	78	213 630	34.6095	-7.2282	1518	1522	13	41662	-108	-78
DISC90L2	78	213 636	34.6027	-7.2442	1541	1544	13	41658	-108	-78
DISC90L2	78	213 642	34.5958	-7.2603	1562	1564	13	41654	-109	-78
DISC90L2	78	213 648	34.5890	-7.2765	1573	1575	13	41652	-107	-78
DISC90L2	78	213 654	34.5822	-7.2927	1592	1595	13	41648	-108	-78
DISC90L2	78	213 7 0	34.5753	-7.3085	1618	1620	13	41644	-108	-78
DISC90L2	78	213 7 6	34.5685	-7.3245	1647	1650	13	41642	-107	-78
DISC90L2	78	213 712	34.5617	-7.3405	1664	1666	13	41640	-106	-77
DISC90L2	78	213 718	34.5548	-7.3565	1684	1686	13	41638	-104	-77
DISC90L2	78	213 724	34.5480	-7.3725	1678	1681	13	41632	-107	-76
DISC90L2	78	213 730	34.5412	-7.3883	1663	1666	13	41630	-105	-74
DISC90L2	78	213 736	34.5343	-7.4042	1661	1664	13	41628	-104	-73
DISC90L2	78	213 742	34.5275	-7.4198	1643	1646	13	41624	-104	-71
DISC90L2	78	213 748	34.5208	-7.4355	1622	1624	13	41622	-103	-70
DISC90L2	78	213 754	34.5140	-7.4513	1605	1608	13	41616	-106	-69
DISC90L2	78	213 8 0	34.5075	-7.4677	1595	1598	13	41612	-106	-67
DISC90L2	78	213 8 6	34.5010	-7.4833	1585	1587	13	41610	-105	-65
DISC90L2	78	213 812	34.4945	-7.4992	1566	1567	13	41604	-108	-64
DISC90L2	78	213 818	34.4880	-7.5150	1567	1569	13	41598	-110	-62
DISC90L2	78	213 824	34.4815	-7.5310	1546	1549	13	41596	-109	-60
DISC90L2	78	213 830	34.4748	-7.5468				41592	-110	-59
DISC90L2	78	213 836	34.4683	-7.5628				41588	-110	-58
DISC90L2	78	213 842	34.4618	-7.5787				41586	-109	-56
DISC90L2	78	213 848	34.4553	-7.5947	1511	1514	13	41576	-116	-56
DISC90L2	78	213 854	34.4487	-7.6105	1513	1516	13	41568	-121	-56
DISC90L2	78	213 9 0	34.4422	-7.6265	1500	1503	13	41566	-119	-56
DISC90L2	78	213 9 6	34.4373	-7.6430	1496	1498	13	41562	-121	-57
DISC90L2	78	213 912	34.4368	-7.6607	1543	1545	13	41556	-126	-57
DISC90L2	78	213 918	34.4368	-7.6782	1599	1602	13	41550	-132	-57
DISC90L2	78	213 924	34.4368	-7.6953	1610	1613	13	41550	-131	-57
DISC90L2	78	213 930	34.4367	-7.7125	1670	1673	13	41550	-131	-58
DISC90L2	78	213 936	34.4367	-7.7297	1669	1672	13	41542	-139	-58
DISC90L2	78	213 942	34.4367	-7.7470	1761	1763	13	41544	-136	-59
DISC90L2	78	213 948	34.4367	-7.7640	1834	1836	13	41538	-142	-60
DISC90L2	78	213 954	34.4365	-7.7812	1867	1869	13	41534	-146	-61
DISC90L2	78	213 10 0	34.4367	-7.7983	1938	1940	13	41534	-145	-62
DISC90L2	78	213 10 6	34.4365	-7.8155	2034	2037	13	41534	-145	-64
DISC90L2	78	213 1012	34.4365	-7.8325	2082	2085	13	41532	-147	-65
DISC90L2	78	213 1018	34.4365	-7.8497	2116	2120	13	41532	-146	-67
DISC90L2	78	213 1024	34.4365	-7.8667	2166	2169	13	41530	-147	-68
DISC90L2	78	213 1030	34.4365	-7.8837	2215	2217	13	41530	-148	-69
DISC90L2	78	213 1036	34.4365	-7.9006	2235	2238	13	41528	-150	-68
DISC90L2	78	213 1042	34.4365	-7.9182	2260	2264	13	41526	-151	-69
DISC90L2	78	213 1048	34.4363	-7.9352	2279	2282	13	41534	-143	-69
DISC90L2	78	213 1054	34.4363	-7.9527	2322	2324	13	41532	-144	-69
DISC90L2	78	213 11 0	34.4368	-7.9705	2350	2354	13	41534	-142	-70
DISC90L2	78	213 11 6	34.4370	-7.9883	2376	2379	13	41530	-146	-69
DISC90L2	78	213 1112	34.4372	-8.0060	2393	2398	13	41528	-148	-69
DISC90L2	78	213 1118	34.4340	-8.0230	2407	2410	13	41528	-146	-67
DISC90L2	78	213 1124	34.4277	-8.0387	2421	2425	13	41526	-145	-67
DISC90L2	78	213 1130	34.4213	-8.0545	2435	2440	13	41524	-144	-68
DISC90L2	78	213 1136	34.4150	-8.0702	2472	2476	13	41524	-141	-68
DISC90L2	78	213 1142	34.4088	-8.0860	2474	2478	13	41522	-140	-69
DISC90L2	78	213 1148	34.4025	-8.1018	2472	2476	13	41518	-140	-67
DISC90L2	78	213 1154	34.3962	-8.1175	2465	2469	13	41516	-139	-67
DISC90L2	78	213 12 0	34.3898	-8.1333	2452	2456	13	41510	-143	-67
DISC90L2	78	213 12 6	34.3837	-8.1490	2445	2449	13	41506	-143	-67
DISC90L2	78	213 1212	34.3773	-8.1645	2421	2425	13	41502	-144	-67
DISC90L2	78	213 1218	34.3710	-8.1802	2396	2399	13	41496	-146	-66
DISC90L2	78	213 1224	34.3648	-8.1958	2421	2425	13	41488	-152	-66
DISC90L2	78	213 1230	34.3585	-8.2115	2452	2456	13	41484	-153	-65
DISC90L2	78	213 1236	34.3523	-8.2272	2461	2465	13	41480	-154	-63

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78	213 1242	34.3460	-8.2427	2488	2491	13	41472	-158	-64
DISC90L2	78	213 1248	34.3398	-8.2583	2510	2515	13	41468	-159	-63
DISC90L2	78	213 1254	34.3335	-8.2740	2537	2542	13	41464	-160	-64
DISC90L2	78	213 13 0	34.3272	-8.2898	2516	2520	13	41458	-163	-63
DISC90L2	78	213 13 6	34.3208	-8.3058	2518	2522	13	41454	-164	-63
DISC90L2	78	213 1312	34.3145	-8.3218	2527	2531	13	41450	-165	-63
DISC90L2	78	213 1318	34.3083	-8.3377	2526	2529	13	41446	-166	-63
DISC90L2	78	213 1324	34.3017	-8.3537	2509	2513	13	41444	-164	-64
DISC90L2	78	213 1330	34.2953	-8.3695	2519	2524	13	41442	-163	-67
DISC90L2	78	213 1336	34.2890	-8.3855	2617	2621	13	41436	-166	-69
DISC90L2	78	213 1342	34.2827	-8.4013	2732	2738	13	41436	-163	-73
DISC90L2	78	213 1348	34.2763	-8.4173	2843	2847	13	41432	-164	-76
DISC90L2	78	213 1354	34.2700	-8.4335	2863	2869	13	41426	-167	-80
DISC90L2	78	213 14 0	34.2635	-8.4490	2922	2928	13	41430	-159	-83
DISC90L2	78	213 14 6	34.2572	-8.4650	3065	3072	13	41426	-160	-86
DISC90L2	78	213 1412	34.2508	-8.4808	3057	3065	13	41420	-163	-88
DISC90L2	78	213 1418	34.2445	-8.4968				41418	-162	
DISC90L2	78	213 1418	34.2465	-8.4915						
DISC90L2	78	213 1418	34.2445	-8.4968	3036	3043	13			
DISC90L2	78	213 1424	34.2380	-8.5127	3072	3080	13			
DISC90L2	78	213 1430	34.2317	-8.5285	3169	3177	13	41414	-160	-96
DISC90L2	78	213 1436	34.2253	-8.5445	3196	3204	13	41414	-157	
DISC90L2	78	213 1442	34.2188	-8.5603	3189	3199	13			
DISC90L2	78	213 1448	34.2123	-8.5763	3166	3173	13			
DISC90L2	78	213 1454	34.2058	-8.5922	3168	3177	13			
DISC90L2	78	213 15 0	34.1993	-8.6082	3186	3195	13			
DISC90L2	78	213 15 6	34.1930	-8.6240	3196	3204	13	41400	-155	-104
DISC90L2	78	213 1512	34.1867	-8.6400	3212	3221	13	41398	-153	-104
DISC90L2	78	213 1518	34.1803	-8.6560	3244	3253	13	41398	-150	-105
DISC90L2	78	213 1524	34.1740	-8.6718	3265	3274	13	41396	-149	-106
DISC90L2	78	213 1530	34.1675	-8.6878	3276	3286	13	41396	-146	-106
DISC90L2	78	213 1536	34.1617	-8.7027	3276	3286	13	41396	-143	-106
DISC90L2	78	213 1542	34.1560	-8.7175	3255	3264	13	41394	-142	-105
DISC90L2	78	213 1548	34.1502	-8.7322	3237	3246	13	41398	-135	-106
DISC90L2	78	213 1554	34.1443	-8.7470	3176	3184	13	41396	-134	-107
DISC90L2	78	213 16 0	34.1385	-8.7617	3140	3147	13			-107
DISC90L2	78	213 16 6	34.1328	-8.7765	3127	3135	13			-106
DISC90L2	78	213 1612	34.1270	-8.7912	3122	3129	13			-108
DISC90L2	78	213 1618	34.1212	-8.8060	3127	3135	13			-108
DISC90L2	78	213 1624	34.1159	-8.8208	3147	3155	13			-109
DISC90L2	78	213 1630	34.1097	-8.8355	3164	3171	13			-109
DISC90L2	78	213 1636	34.1038	-8.8503	3238	3248	13			-110
DISC90L2	78	213 1642	34.0982	-8.8650	3278	3288	13			-110
DISC90L2	78	213 1648	34.0923	-8.8798	3313	3323	13			-112
DISC90L2	78	213 1654	34.0865	-8.8945	3356	3367	13			-114
DISC90L2	78	213 17 0	34.0808	-8.9093	3415	3425	13			-116
DISC90L2	78	213 17 6	34.0757	-8.9248	3552	3564	13			-117
DISC90L2	78	213 1712	34.0693	-8.9392	3636	3650	13			-120
DISC90L2	78	213 1718	34.0632	-8.9533	3662	3676	13			-124
DISC90L2	78	213 1724	34.0568	-8.9677	3662	3676	13			-129
DISC90L2	78	213 1730	34.0505	-8.9818	3694	3709	13			-132
DISC90L2	78	213 1736	34.0442	-8.9960	3727	3742	13			-136
DISC90L2	78	213 1742	34.0378	-9.0105	3749	3764	13			-140
DISC90L2	78	213 1748	34.0317	-9.0247	3772	3787	13			-143
DISC90L2	78	213 1754	34.0253	-9.0388	3793	3809	13			-146
DISC90L2	78	213 18 0	34.0190	-9.0532	3818	3835	13			-149
DISC90L2	78	213 18 6	34.0127	-9.0675	3834	3851	13			-151
DISC90L2	78	213 1812	34.0063	-9.0818	3860	3877	13			-155
DISC90L2	78	213 1818	34.0000	-9.0962	3883	3899	13			-158
DISC90L2	78	213 1824	33.9937	-9.1105	3896	3914	13			-160
DISC90L2	78	213 1830	33.9875	-9.1248	3885	3903	13			-162
DISC90L2	78	213 1836	33.9812	-9.1390	3837	3853	13			-164
DISC90L2	78	213 1842	33.9748	-9.1533	3841	3857	13			-166
DISC90L2	78	213 1848	33.9687	-9.1675	3850	3866	13			-166
DISC90L2	78	213 1854	33.9623	-9.1818	3865	3883	13			-167
DISC90L2	78	213 19 0	33.9560	-9.1962	3896	3914	13			-167
DISC90L2	78	213 19 6	33.9498	-9.2105	3907	3925	13			-167
DISC90L2	78	213 1912	33.9435	-9.2247	3908	3926	13			-168
DISC90L2	78	213 1918	33.9372	-9.2388	3909	3926	13			-168
DISC90L2	78	213 1924	33.9308	-9.2532	3908	3926	13			-168
DISC90L2	78	213 1930	33.9247	-9.2673	3902	3919	13			-167
DISC90L2	78	213 1936	33.9183	-9.2817	3808	3824	13			-167
DISC90L2	78	213 1942	33.9120	-9.2960	3792	3808	13			-167
DISC90L2	78	213 1948	33.9058	-9.3102	3862	3879	13			-166
DISC90L2	78	213 1954	33.8995	-9.3245	3816	3831	13			-165
DISC90L2	78	213 20 0	33.8932	-9.3395	3925	3943	13			-165
DISC90L2	78	213 20 6	33.8868	-9.3543	3936	3954	13			-167
DISC90L2	78	213 2012	33.8805	-9.3692	3852	3868	13			-166
DISC90L2	78	213 2018	33.8743	-9.3840	3820	3837	13			-167
DISC90L2	78	213 2024	33.8680	-9.3987	3813	3830	13			-167
DISC90L2	78	213 2030	33.8617	-9.4132	3901	3919	13			-168
DISC90L2	78	213 2036	33.8555	-9.4278	4043	4062	13			-168
DISC90L2	78	213 2042	33.8490	-9.4425	4102	4124	13			-168
DISC90L2	78	213 2048	33.8428	-9.4573	4178	4201	13			-170
DISC90L2	78	213 2054	33.8365	-9.4722	4072	4093	13			-171
DISC90L2	78	213 21 0	33.8302	-9.4868	4144	4166	13			-172
DISC90L2	78	213 21 6	33.8228	-9.5000	4102	4124	13			-172
DISC90L2	78	213 2112	33.8120	-9.5095	4072	4093	13			-172
DISC90L2	78	213 2118	33.8008	-9.5187	4076	4097	13			-172
DISC90L2	78	213 2124	33.7898	-9.5280	4007	4025	13			-172
DISC90L2	78	213 2130	33.7787	-9.5373	3902	3919	13			-172
DISC90L2	78	213 2136	33.7675	-9.5467	3914	3932	13			-172
DISC90L2	78	213 2142	33.7565	-9.5560	3906	3925	13			-173

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 4478	213	2148	33.7453	-10.5653	4182	4204	13			-173
DISC90L2	78 213	2154	33.7343	-10.5747	4265	4290	13			-174
DISC90L2	78 213	2200	33.7232	-10.5840	4265	4290	13			-173
DISC90L2	78 213	22 0	33.7232	-10.5932	4267	4292	13			-172
DISC90L2	78 213	22 6	33.7122	-10.6025	4269	4294	13			-171
DISC90L2	78 213	2212	33.7010	-10.6117	4274	4300	13			-168
DISC90L2	78 213	2218	33.6900	-10.6210	4285	4309	13			-167
DISC90L2	78 213	2224	33.6790	-10.6303	4294	4320	13			-166
DISC90L2	78 213	2230	33.6678	-10.6395	4293	4318	13			-163
DISC90L2	78 213	2236	33.6568	-10.6488	4294	4320	13			-162
DISC90L2	78 213	2242	33.6457	-10.6585	4295	4320	13			-160
DISC90L2	78 213	2248	33.6352	-10.6675	4297	4321	13			-158
DISC90L2	78 213	2254	33.6242	-10.6767	4298	4322	13			-157
DISC90L2	78 213	2300	33.6133	-10.6858	4303	4327	13			-156
DISC90L2	78 213	2306	33.6025	-10.6952	4302	4327	13			-155
DISC90L2	78 213	2312	33.5917	-10.7042	4304	4329	13			-154
DISC90L2	78 213	2318	33.5808	-10.7133	4304	4329	13			-154
DISC90L2	78 213	2324	33.5698	-10.7225	4307	4332	13			-154
DISC90L2	78 213	2330	33.5590	-10.7317	4308	4334	13			-155
DISC90L2	78 213	2336	33.5480	-10.7408	4311	4336	13			-154
DISC90L2	78 213	2342	33.5372	-10.7498	4312	4338	13			-153
DISC90L2	78 213	2348	33.5262	-10.7590	4312	4338	13			-149
DISC90L2	78 213	2354	33.5153	-10.7682	4312	4338	13			-148
DISC90L2 45	78 214	0 0	33.5045	-10.7772	4312	4338	13			-147
DISC90L2	78 214	0 6	33.4937	-10.7863	4311	4336	13			-145
DISC90L2	78 214	012	33.4828	-10.7955	4309	4334	13			-143
DISC90L2	78 214	018	33.4718	-10.8047	4308	4334	13			-141
DISC90L2	78 214	024	33.4612	-10.8138	4307	4332	13			-140
DISC90L2	78 214	030	33.4503	-10.8230	4305	4331	13			-139
DISC90L2	78 214	036	33.4397	-10.8323	4307	4332	13			-137
DISC90L2	78 214	042	33.4288	-10.8417	4312	4338	13			-134
DISC90L2	78 214	048	33.4180	-10.8510	4312	4338	13			-133
DISC90L2	78 214	054	33.4072	-10.8603	4312	4338	13			-131
DISC90L2	78 214	1 0	33.3963	-10.8695	4308	4334	13			-129
DISC90L2	78 214	1 6	33.3855	-10.8788	4297	4321	13			-127
DISC90L2	78 214	112	33.3747	-10.8880	4287	4312	13			-125
DISC90L2	78 214	118	33.3640	-10.8973	4287	4312	13			-125
DISC90L2	78 214	124	33.3532	-10.9067	4295	4320	13			-122
DISC90L2	78 214	130	33.3423	-10.9158	4304	4329	13			-120
DISC90L2	78 214	136	33.3315	-10.9252	4295	4320	13			-118
DISC90L2	78 214	142	33.3208	-10.9343	4272	4298	13			-116
DISC90L2	78 214	148	33.3100	-10.9437	4203	4226	13			-115
DISC90L2	78 214	154	33.2992	-10.9528	4124	4146	13			-114
DISC90L2	78 214	2 0	33.2885	-10.9622	4112	4133	13			-113
DISC90L2	78 214	2 6	33.2777	-10.9715	4175	4193	13			-111
DISC90L2	78 214	212	33.2670	-10.9807	4163	4184	13			-108
DISC90L2	78 214	218	33.2563	-10.9898	4051	4071	13			-106
DISC90L2	78 214	224	33.2457	-10.9990	3977	3996	13			-104
DISC90L2	78 214	230	33.2350	-10.0082	3959	3978	13			-101
DISC90L2	78 214	236	33.2242	-10.0175	3933	3972	13			-98
DISC90L2	78 214	242	33.2135	-10.0267	3932	3950	13			-96
DISC90L2	78 214	248	33.2027	-10.0360	3900	3917	13			-94
DISC90L2	78 214	254	33.1920	-10.0452	3882	3899	13			-93
DISC90L2	78 214	3 0	33.1813	-10.0545	3932	3950	13			-91
DISC90L2	78 214	3 6	33.1707	-10.0637	4043	4062	13			-89
DISC90L2	78 214	312	33.1600	-10.0728	4203	4226	13			-89
DISC90L2	78 214	318	33.1493	-10.0822	4257	4281	13			-88
DISC90L2	78 214	324	33.1385	-10.0913	4087	4107	13			-85
DISC90L2	78 214	330	33.1278	-10.1005	3946	3965	13			-85
DISC90L2	78 214	336	33.1172	-10.1097	3892	3910	13			-84
DISC90L2	78 214	342	33.1063	-10.1188	3882	3899	13			-83
DISC90L2	78 214	348	33.0957	-10.1282	3877	3895	13			-82
DISC90L2	78 214	354	33.0850	-10.1372	3918	3936	13			-82
DISC90L2	78 214	4 0	33.0743	-10.1463	3994	4014	13			-82
DISC90L2	78 214	4 6	33.0638	-10.1557	4046	4065	13			-82
DISC90L2	78 214	412	33.0530	-10.1653	4114	4135	13			-84
DISC90L2	78 214	418	33.0425	-10.1748	4186	4208	13			-84
DISC90L2	78 214	424	33.0318	-10.1845	4177	4199	13			-84
DISC90L2	78 214	430	33.0213	-10.1940	4139	4161	13			-83
DISC90L2	78 214	436	33.0110	-10.2035	4081	4102	13			-83
DISC90L2	78 214	442	33.0005	-10.2132	4078	4098	13			-83
DISC90L2	78 214	448	32.9900	-10.2227	4077	4098	13			-82
DISC90L2	78 214	454	32.9795	-10.2323	4053	4073	13			-82
DISC90L2	78 214	5 0	32.9690	-10.2420	4034	4054	13			-82
DISC90L2	78 214	5 6	32.9585	-10.2517	4009	4029	13			-82
DISC90L2	78 214	512	32.9478	-10.2612	3978	3996	13			-82
DISC90L2	78 214	518	32.9373	-10.2700	3908	3926	13			-82
DISC90L2	78 214	524	32.9270	-10.2803	3923	3941	13			-82
DISC90L2	78 214	530	32.9165	-10.2900	3966	3985	13			-83
DISC90L2	78 214	536	32.9058	-10.2995	3958	3978	13			-81
DISC90L2	78 214	542	32.8953	-10.3092	3966	3985	13			-80
DISC90L2	78 214	548	32.8850	-10.3188	4023	4043	13			-78
DISC90L2	78 214	554	32.8745	-10.3283	4034	4054	13			-76
DISC90L2	78 214	6 0	32.8640	-10.3377	3991	4011	13			-72
DISC90L2	78 214	6 6	32.8537	-10.3467	3787	3802	13			-70
DISC90L2	78 214	612	32.8432	-10.3558	3858	3875	13			-68
DISC90L2	78 214	618	32.8325	-10.3650	3826	3842	13			-67
DISC90L2	78 214	624	32.8218	-10.3740	3788	3804	13			-65
DISC90L2	78 214	630	32.8112	-10.3832	3709	3723	13			-63
DISC90L2	78 214	636	32.8003	-10.3922	3670	3685	13			-61
DISC90L2	78 214	642	32.7897	-10.4012	3646	3659	13			-59
DISC90L2	78 214	648	32.7790	-10.4103	3646	3659	13			-57
DISC90L2	78 214	654	32.7683	-10.4193	3656	3670	13			-55
DISC90L2	78 214	7 0	32.7577							

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 214	7 6	32.7470	-10.4285	3667	3681	13			-53
DISC90L2	78 214	712	32.7368	-10.4380	3629	3643	13			-53
DISC90L2	78 214	718	32.7267	-10.4473	3634	3648	13			-50
DISC90L2	78 214	724	32.7165	-10.4567	3627	3641	13			-49
DISC90L2	78 214	730	32.7062	-10.4660	3522	3533	13			-47
DISC90L2	78 214	736	32.6960	-10.4753	3542	3555	13			-46
DISC90L2	78 214	742	32.6857	-10.4847	3612	3625	13			-46
DISC90L2	78 214	748	32.6755	-10.4942	3689	3703	13			-45
DISC90L2	78 214	754	32.6650	-10.5033	3609	3621	13			-45
DISC90L2	78 214	8 0	32.6542	-10.5125	3695	3709	13			-46
DISC90L2	78 214	8 6	32.6435	-10.5215	3894	3912	13			-47
DISC90L2	78 214	812	32.6328	-10.5305	3976	3994	13			-48
DISC90L2	78 214	818	32.6222	-10.5395	4016	4036	13			-50
DISC90L2	78 214	824	32.6113	-10.5485	4063	4084	13			-51
DISC90L2	78 214	830	32.6007	-10.5575	4126	4148	13			-52
DISC90L2	78 214	836	32.5900	-10.5663	4190	4214	13			-54
DISC90L2	78 214	842	32.5793	-10.5753	4296	4321	13			-54
DISC90L2	78 214	848	32.5688	-10.5843	4291	4316	13			-54
DISC90L2	78 214	854	32.5582	-10.5932	4257	4281	13			-55
DISC90L2	78 214	9 0	32.5475	-10.6022	3966	3985	13			-54
DISC90L2	78 214	9 6	32.5365	-10.6112	3957	3976	13			-53
DISC90L2	78 214	912	32.5258	-10.6200	3847	3862	13			-53
DISC90L2	78 214	918	32.5152	-10.6288	3785	3800	13			-51
DISC90L2	78 214	924	32.5045	-10.6378	3753	3769	13			-50
DISC90L2	78 214	930	32.4938	-10.6467	3756	3771	13			-50
DISC90L2	78 214	936	32.4832	-10.6557	3756	3771	13	40766	40	-49
DISC90L2	78 214	942	32.4728	-10.6648	3717	3733	13	40772	51	-49
DISC90L2	78 214	948	32.4622	-10.6742	3664	3678	13	40778	62	-47
DISC90L2	78 214	954	32.4515	-10.6835	3669	3683	13	40784	74	-47
DISC90L2	78 214	10 0	32.4408	-10.6928	3727	3742	13	40788	83	-46
DISC90L2	78 214	10 6	32.4302	-10.7023	3842	3859	13	40792	92	-44
DISC90L2	78 214	1012	32.4195	-10.7115	3864	3881	13	40790	95	-42
DISC90L2	78 214	1018	32.4086	-10.7208	3830	3846	13	40786	96	-39
DISC90L2	78 214	1024	32.3982	-10.7302	3679	3694	13	40778	94	-36
DISC90L2	78 214	1030	32.3875	-10.7395	3534	3546	13	40766	87	-33
DISC90L2	78 214	1036	32.3767	-10.7488	3468	3480	13	40750	76	-29
DISC90L2	78 214	1042	32.3662	-10.7583	3429	3440	13	40736	67	-25
DISC90L2	78 214	1048	32.3553	-10.7673	3397	3407	13	40716	52	-23
DISC90L2	78 214	1054	32.3445	-10.7763	3373	3383	13	40698	40	-20
DISC90L2	78 214	11 0	32.3338	-10.7852	3387	3398	13	40684	31	-17
DISC90L2	78 214	11 6	32.3230	-10.7942	3381	3391	13	40668	20	-15
DISC90L2	78 214	1112	32.3122	-10.8030	3357	3367	13	40652	9	-12
DISC90L2	78 214	1118	32.3015	-10.8118	3356	3367	13	40634	-2	-11
DISC90L2	78 214	1124	32.2907	-10.8208	3355	3365	13	40616	-15	-10
DISC90L2	78 214	1130	32.2798	-10.8298	3303	3312	13	40602	-24	-8
DISC90L2	78 214	1136	32.2690	-10.8388	3283	3292	13	40590	-31	-6
DISC90L2	78 214	1142	32.2578	-10.8477	3318	3328	13	40578	-37	-4
DISC90L2	78 214	1148	32.2463	-10.8563	3323	3332	13	40570	-40	-3
DISC90L2	78 214	1154	32.2347	-10.8650	3337	3347	13	40560	-44	-2
DISC90L2	78 214	12 0	32.2232	-10.8735	3332	3341	13	40550	-48	-0
DISC90L2	78 214	12 6	32.2115	-10.8822	3328	3338	13	40544	-49	0
DISC90L2	78 214	1212	32.2000	-10.8907	3322	3332	13	40538	-49	0
DISC90L2	78 214	1218	32.1885	-10.8993	3318	3328	13	40534	-48	1
DISC90L2	78 214	1224	32.1768	-10.9078	3313	3323	13	40526	-50	3
DISC90L2	78 214	1230	32.1653	-10.9165	3315	3325	13	40520	-50	4
DISC90L2	78 214	1236	32.1538	-10.9252	3316	3327	13	40516	-49	4
DISC90L2	78 214	1242	32.1422	-10.9337	3308	3317	13	40510	-49	4
DISC90L2	78 214	1248	32.1307	-10.9423	3298	3308	13	40500	-54	5
DISC90L2	78 214	1254	32.1190	-10.9510	3276	3286	13	40492	-56	5
DISC90L2	78 214	13 0	32.1075	-10.9597	3276	3286	13	40484	-58	6
DISC90L2	78 214	13 6	32.0958	-10.9683	3258	3266	13	40474	-63	7
DISC90L2	78 214	1312	32.0843	-10.9770	3228	3237	13	40468	-63	8
DISC90L2	78 214	1318	32.0728	-10.9855	3187	3195	13	40462	-63	11
DISC90L2	78 214	1324	32.0612	-10.9942	3102	3109	13	40456	-64	12
DISC90L2	78 214	1330	32.0493	-11.0030	3053	3060	13	40454	-59	13
DISC90L2	78 214	1336	32.0378	-11.0117	3023	3030	13	40450	-57	16
DISC90L2	78 214	1342	32.0262	-11.0203	2976	2983	13	40448	-54	18
DISC90L2	78 214	1348	32.0147	-11.0288	2962	2968	13	40442	-54	19
DISC90L2	78 214	1354	32.0032	-11.0375	2916	2922	13	40438	-52	20
DISC90L2	78 214	14 0	31.9917	-11.0460	2874	2880	13	40434	-52	21
DISC90L2	78 214	14 6	31.9802	-11.0547	2854	2860	13	40428	-52	22
DISC90L2	78 214	1412	31.9685	-11.0633	2852	2858	13	40424	-51	23
DISC90L2	78 214	1418	31.9570	-11.0718	2823	2829	13	40420	-49	24
DISC90L2	78 214	1424	31.9453	-11.0805	2802	2807	13	40414	-49	25
DISC90L2	78 214	1430	31.9338	-11.0890	2825	2831	13	40410	-48	26
DISC90L2	78 214	1436	31.9223	-11.0975	2818	2824	13	40408	-44	28
DISC90L2	78 214	1442	31.9107	-11.1062	2804	2809	13	40402	-44	29
DISC90L2	78 214	1448	31.8992	-11.1148	2769	2774	13	40398	-43	29
DISC90L2	78 214	1454	31.8875	-11.1233	2712	2718	13	40394	-41	31
DISC90L2	78 214	15 0	31.8760	-11.1318	2697	2701	13	40390	-40	32
DISC90L2	78 214	15 6	31.8645	-11.1405	2682	2687	13	40386	-38	
DISC90L2	78 214	1512	31.8528	-11.1492	2643	2648	13	40384	-34	34
DISC90L2	78 214	1518	31.8413	-11.1577	2603	2608	13	40380	-33	34
DISC90L2	78 214	1524	31.8298	-11.1663	2621	2626	13	40376	-31	34
DISC90L2	78 214	1530	31.8182	-11.1748	2626	2632	13	40372	-29	34
DISC90L2	78 214	1536	31.8067	-11.1835	2623	2628	13	40368	-28	34
DISC90L2	78 214	1542	31.7952	-11.1920	2624	2628	13	40362	-28	35
DISC90L2	78 214	1548	31.7833	-11.1997	2623	2628	13	40360	-24	35
DISC90L2	78 214	1554	31.7703	-11.1978	2621	2626	13	40354	-24	36
DISC90L2	78 214	16 0	31.7600	-11.1888	2594	2599	13	40346	-27	35
DISC90L2	78 214	16 6	31.7553	-11.1748	2581	2586	13	40334	-37	33
DISC90L2	78 214	1612	31.7547	-11.1590	2553	2558	13	40330	-40	34
DISC90L2	78 214	1618	31.7542	-11.1432	2506	2511	13	40328	-42	35

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 214	1624	31.7537	-11.1273	2455	2458	13	40322	-48	37
DISC90L2	78 214	1630	31.7530	-11.1115	2372	2376	13	40318	-52	38
DISC90L2	78 214	1636	31.7525	-11.0958	2310	2313	13	40314	-55	40
DISC90L2	78 214	1642	31.7518	-11.0800	2276	2281	13	40314	-55	41
DISC90L2	78 214	1648	31.7513	-11.0642	2252	2255	13	40316	-53	44
DISC90L2	78 214	1654	31.7507	-11.0483	2220	2224	13	40324	-45	46
DISC90L2	78 214	17 0	31.7502	-11.0325	2172	2174	13	40336	-33	47
DISC90L2	78 214	17 6	31.7495	-11.0167	2134	2136	13	40350	-18	49
DISC90L2	78 214	1712	31.7490	-11.0010	2071	2074	13	40364	-4	51
DISC90L2	78 214	1718	31.7483	-10.9853	2025	2028	13	40376	8	52
DISC90L2	78 214	1724	31.7478	-10.9695	1971	1973	13	40386	18	53
DISC90L2	78 214	1730	31.7472	-10.9538	1925	1928	13	40396	28	54
DISC90L2	78 214	1736	31.7467	-10.9380	1943	1946	13	40406	38	54
DISC90L2	78 214	1742	31.7460	-10.9222	1922	1924	13	40422	54	53
DISC90L2	78 214	1748	31.7455	-10.9063	1951	1953	13	40438	70	50
DISC90L2	78 214	1754	31.7448	-10.8903	2050	2052	13	40452	85	45
DISC90L2	78 214	18 0	31.7442	-10.8747	2141	2143	13	40458	91	40
DISC90L2	78 214	18 6	31.7435	-10.8590	2161	2163	13	40456	89	36
DISC90L2	78 214	1812	31.7428	-10.8432	2061	2065	13	40446	79	33
DISC90L2	78 214	1818	31.7422	-10.8273	2227	2231	13	40432	65	29
DISC90L2	78 214	1824	31.7417	-10.8115	2191	2195	13	40414	47	25
DISC90L2	78 214	1830	31.7410	-10.7957	2287	2290	13	40400	34	22
DISC90L2	78 214	1836	31.7442	-10.7810	2311	2315	13	40388	20	16
DISC90L2	78 214	1842	31.7533	-10.7700	2353	2357	13	40388	15	8
DISC90L2	78 214	1848	31.7642	-10.7613	2438	2441	13	40390	12	6
DISC90L2	78 214	1854	31.7753	-10.7527	2511	2515	13	40394	10	2
DISC90L2	78 214	19 0	31.7865	-10.7442	2452	2456	13	40396	7	-1
DISC90L2	78 214	19 6	31.7977	-10.7357	2729	2734	13	40402	7	-5
DISC90L2	78 214	1912	31.8088	-10.7270	2802	2807	13	40408	8	-9
DISC90L2	78 214	1918	31.8200	-10.7185	2751	2756	13	40416	11	-12
DISC90L2	78 214	1924	31.8312	-10.7100	2691	2696	13	40422	11	-15
DISC90L2	78 214	1930	31.8423	-10.7013	2607	2612	13	40430	14	-18
DISC90L2	78 214	1936	31.8537	-10.6927	2625	2630	13	40438	16	-21
DISC90L2	78 214	1942	31.8648	-10.6842	2617	2621	13	40442	14	-22
DISC90L2	78 214	1948	31.8762	-10.6757	2513	2518	13	40446	13	-23
DISC90L2	78 214	1954	31.8873	-10.6670	2405	2409	13	40448	9	-23
DISC90L2	78 214	20 0	31.8987	-10.6583	2307	2310	13	40450	6	-23
DISC90L2	78 214	20 6	31.9100	-10.6498	2271	2275	13	40450	0	-23
DISC90L2	78 214	2012	31.9205	-10.6420	2184	2187	13	40450	-4	-19
DISC90L2	78 214	2018	31.9313	-10.6325	2198	2202	13	40452	-7	-17
DISC90L2	78 214	2024	31.9422	-10.6228	2119	2123	13	40452	-13	-15
DISC90L2	78 214	2030	31.9530	-10.6133	2142	2145	13	40456	-14	-12
DISC90L2	78 214	2036	31.9638	-10.6037	2066	2068	13	40456	-19	-9
DISC90L2	78 214	2042	31.9747	-10.5942	1941	1944	13	40456	-25	-6
DISC90L2	78 214	2048	31.9855	-10.5845	1891	1893	13	40456	-30	-3
DISC90L2	78 214	2054	31.9963	-10.5750	1838	1842	13	40456	-35	-1
DISC90L2	78 214	21 0	32.0072	-10.5652	1849	1851	13	40454	-43	-1
DISC90L2	78 214	21 6	32.0180	-10.5555	1981	1984	13	40456	-46	-4
DISC90L2	78 214	2112	32.0288	-10.5462	2036	2039	13	40456	-51	-7
DISC90L2	78 214	2118	32.0398	-10.5367	2103	2107	13	40456	-57	-10
DISC90L2	78 214	2124	32.0507	-10.5272	2223	2226	13	40458	-60	-14
DISC90L2	78 214	2130	32.0615	-10.5178	2292	2295	13	40460	-63	-19
DISC90L2	78 214	2136	32.0723	-10.5085	2482	2485	13	40466	-62	-24
DISC90L2	78 214	2142	32.0832	-10.4992	2671	2676	13	40470	-64	-28
DISC90L2	78 214	2148	32.0942	-10.4898	2771	2776	13	40490	-49	-31
DISC90L2	78 214	2154	32.1050	-10.4803	2723	2729	13	40508	-36	-33
DISC90L2	78 214	22 0	32.1158	-10.4708	2676	2681	13	40502	-48	-35
DISC90L2	78 214	22 6	32.1268	-10.4613	2537	2542	13	40500	-55	-38
DISC90L2	78 214	2212	32.1377	-10.4518	2483	2487	13	40504	-56	-40
DISC90L2	78 214	2218	32.1485	-10.4423	2485	2489	13	40502	-64	-42
DISC90L2	78 214	2224	32.1595	-10.4328	2530	2535	13	40504	-67	-45
DISC90L2	78 214	2230	32.1703	-10.4233	2530	2535	13	40508	-68	-46
DISC90L2	78 214	2236	32.1813	-10.4138	2508	2513	13	40520	-61	-47
DISC90L2	78 214	2242	32.1922	-10.4043	2426	2430	13	40526	-61	-48
DISC90L2	78 214	2248	32.2030	-10.3948	2393	2398	13	40532	-60	-50
DISC90L2	78 214	2254	32.2140	-10.3853	2421	2425	13	40540	-57	-52
DISC90L2	78 214	23 0	32.2248	-10.3758	2540	2544	13	40550	-53	-54
DISC90L2	78 214	23 6	32.2358	-10.3662	2652	2657	13	40556	-52	-56
DISC90L2	78 214	2312	32.2467	-10.3567	2768	2772	13	40562	-51	-57
DISC90L2	78 214	2318	32.2575	-10.3472	2717	2723	13	40564	-55	-57
DISC90L2	78 214	2324	32.2685	-10.3375	2670	2676	13	40570	-54	-57
DISC90L2	78 214	2330	32.2790	-10.3273	2614	2619	13	40574	-55	-55
DISC90L2	78 214	2336	32.2900	-10.3177	2522	2526	13	40574	-60	-55
DISC90L2	78 214	2342	32.3008	-10.3078	2541	2546	13	40582	-58	-55
DISC90L2	78 214	2348	32.3117	-10.2978	2586	2591	13	40590	-55	-56
DISC90L2	78 214	2354	32.3223	-10.2880	2624	2628	13	40600	-50	-57
DISC90L2 46	78 215	0 0	32.3333	-10.2782	2741	2747	13	40610	-45	-57
DISC90L2	78 215	0 6	32.3442	-10.2683	2781	2787	13	40614	-47	-59
DISC90L2	78 215	012	32.3548	-10.2585	2930	2935	13	40618	-48	-60
DISC90L2	78 215	018	32.3658	-10.2487	3076	3083	13	40630	-41	-60
DISC90L2	78 215	024	32.3768	-10.2388	3076	3083	13	40636	-41	-59
DISC90L2	78 215	030	32.3877	-10.2290	3066	3074	13	40646	-36	-57
DISC90L2	78 215	036	32.3985	-10.2192	2942	2948	13	40654	-33	-54
DISC90L2	78 215	042	32.4093	-10.2093	2916	2922	13	40664	-28	-50
DISC90L2	78 215	048	32.4202	-10.1995	2667	2672	13	40670	-28	-46
DISC90L2	78 215	054	32.4312	-10.1897	2551	2555	13	40678	-25	-40
DISC90L2	78 215	1 0	32.4422	-10.1797	2446	2449	13	40688	-20	-33
DISC90L2	78 215	1 6	32.4530	-10.1698	2357	2361	13	40682	-32	-28
DISC90L2	78 215	112	32.4637	-10.1598	2213	2217	13	40696	-23	-26
DISC90L2	78 215	118	32.4747	-10.1507	2128	2131	13	40696	-28	-23
DISC90L2	78 215	124	32.4855	-10.1417	2181	2184	13	40692	-37	-22
DISC90L2	78 215	130	32.4965	-10.1325	2132	2134	13	40702	-33	-23
DISC90L2	78 215	136	32.5075	-10.1233	2171	2174	13	40710	-30	-25

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 215	142	32.5185	-10.1142	2127	2131	13	40698	-48	-26
DISC90L2	78 215	148	32.5295	-10.1052	2096	2099	13	40698	-53	-29
DISC90L2	78 215	154	32.5405	-10.0958	2252	2255	13	40700	-56	-34
DISC90L2	78 215	2 0	32.5515	-10.0868	2386	2390	13	40700	-62	-39
DISC90L2	78 215	2 6	32.5625	-10.0778	2530	2535	13	40698	-69	-45
DISC90L2	78 215	212	32.5737	-10.0690	2572	2577	13	40710	-62	-50
DISC90L2	78 215	218	32.5848	-10.0600	2636	2641	13	40716	-62	-53
DISC90L2	78 215	224	32.5960	-10.0512	2628	2633	13	40722	-61	-54
DISC90L2	78 215	230	32.6070	-10.0422	2567	2571	13	40730	-59	-55
DISC90L2	78 215	236	32.6182	-10.0333	2732	2738	13	40734	-60	-55
DISC90L2	78 215	242	32.6293	-10.0243	2717	2723	13	40742	-57	-55
DISC90L2	78 215	248	32.6405	-10.0153	2604	2608	13	40756	-49	-55
DISC90L2	78 215	254	32.6518	-10.0065	2467	2471	13	40756	-54	-55
DISC90L2	78 215	3 0	32.6628	-9.9975	2492	2499	13	40762	-53	-55
DISC90L2	78 215	3 6	32.6738	-9.9888	2572	2577	13	40766	-55	-55
DISC90L2	78 215	312	32.6848	-9.9800	2562	2569	13	40774	-52	-55
DISC90L2	78 215	318	32.6957	-9.9712	2532	2537	13	40772	-59	-54
DISC90L2	78 215	324	32.7067	-9.9623	2366	2370	13	40776	-61	-53
DISC90L2	78 215	330	32.7177	-9.9535	2266	2270	13	40788	-54	-55
DISC90L2	78 215	336	32.7287	-9.9445	2256	2259	13	40790	-57	-55
DISC90L2	78 215	342	32.7398	-9.9358	2368	2372	13	40786	-67	-55
DISC90L2	78 215	348	32.7510	-9.9273	2522	2526	13	40796	-62	-55
DISC90L2	78 215	354	32.7622	-9.9187	2563	2568	13	40800	-64	-55
DISC90L2	78 215	4 0	32.7733	-9.9100	2553	2558	13	40810	-59	-55
DISC90L2	78 215	4 6	32.7845	-9.9015	2488	2491	13	40810	-65	-55
DISC90L2	78 215	412	32.7957	-9.8928	2418	2421	13	40818	-62	-52
DISC90L2	78 215	418	32.8068	-9.8842	2369	2372	13	40820	-65	-51
DISC90L2	78 215	424	32.8180	-9.8755	2343	2346	13	40824	-67	-50
DISC90L2	78 215	430	32.8293	-9.8670	2333	2337	13	40828	-68	-50
DISC90L2	78 215	436	32.8405	-9.8585	2395	2399	13	40838	-64	-51
DISC90L2	78 215	442	32.8517	-9.8498	2454	2458	13	40836	-71	-54
DISC90L2	78 215	448	32.8628	-9.8413	2497	2502	13	40842	-71	-56
DISC90L2	78 215	454	32.8740	-9.8328	2417	2421	13	40840	-78	-59
DISC90L2	78 215	5 0	32.8850	-9.8242	2449	2452	13	40846	-78	-61
DISC90L2	78 215	5 6	32.8962	-9.8157	2716	2721	13	40858	-71	-64
DISC90L2	78 215	512	32.9073	-9.8072	2613	2617	13	40858	-76	-66
DISC90L2	78 215	518	32.9185	-9.7987	2507	2511	13	40872	-68	-68
DISC90L2	78 215	524	32.9297	-9.7902	2553	2558	13	40870	-75	-69
DISC90L2	78 215	530	32.9407	-9.7817	2673	2677	13	40874	-77	-71
DISC90L2	78 215	536	32.9517	-9.7732	2752	2758	13	40880	-76	-72
DISC90L2	78 215	542	32.9627	-9.7647	2782	2787	13	40884	-77	-72
DISC90L2	78 215	548	32.9738	-9.7562	2698	2702	13	40896	-71	-71
DISC90L2	78 215	554	32.9848	-9.7477	2572	2577	13	40904	-68	-70
DISC90L2	78 215	6 0	32.9960	-9.7393	2569	2573	13	40912	-66	-71
DISC90L2	78 215	6 6	33.0078	-9.7337	2688	2692	13	40920	-64	-72
DISC90L2	78 215	612	33.0203	-9.7357	2791	2796	13	40930	-60	-74
DISC90L2	78 215	618	33.0325	-9.7397	2733	2738	13	40938	-58	-74
DISC90L2	78 215	624	33.0448	-9.7438	2621	2626	13	40940	-61	-74
DISC90L2	78 215	630	33.0572	-9.7478	2636	2641	13	40948	-59	-76
DISC90L2	78 215	636	33.0697	-9.7518	2738	2743	13	40958	-55	-78
DISC90L2	78 215	642	33.0822	-9.7560	2849	2855	13	40962	-57	-81
DISC90L2	78 215	648	33.0947	-9.7602	2951	2957	13	40972	-53	-84
DISC90L2	78 215	654	33.1072	-9.7642	3022	3028	13	40978	-52	-87
DISC90L2	78 215	7 0	33.1202	-9.7687	3123	3131	13	40990	-47	-91
DISC90L2	78 215	7 6	33.1325	-9.7757	3111	3120	13	40994	-48	-95
DISC90L2	78 215	712	33.1368	-9.7898	3195	3204	13	40988	-56	-97
DISC90L2	78 215	718	33.1310	-9.8038	3357	3367	13	40984	-57	-93
DISC90L2	78 215	724	33.1203	-9.8137	3257	3266	13	40982	-54	-90
DISC90L2	78 215	730	33.1092	-9.8228	3092	3100	13	40976	-55	-89
DISC90L2	78 215	736	33.0980	-9.8320	3013	3019	13	40974	-52	-86
DISC90L2	78 215	742	33.0868	-9.8412	3122	3129	13	40968	-52	-84
DISC90L2	78 215	748	33.0757	-9.8505	2967	2974	13	40968	-47	-84
DISC90L2	78 215	754	33.0647	-9.8597	3137	3146	13	40968	-42	-84
DISC90L2	78 215	8 0	33.0535	-9.8687	3251	3259	13	40952	-52	-86
DISC90L2	78 215	8 6	33.0425	-9.8778	3402	3413	13	40938	-61	-86
DISC90L2	78 215	812	33.0315	-9.8868	3503	3515	13	40934	-60	-86
DISC90L2	78 215	818	33.0203	-9.8960	3403	3413	13	40922	-66	-85
DISC90L2	78 215	824	33.0093	-9.9050	3427	3438	13	40920	-63	-84
DISC90L2	78 215	830	32.9982	-9.9142	3311	3321	13	40916	-60	-81
DISC90L2	78 215	836	32.9873	-9.9233	3224	3233	13	40910	-61	-78
DISC90L2	78 215	842	32.9763	-9.9327	3237	3246	13	40906	-60	-75
DISC90L2	78 215	848	32.9655	-9.9422	3217	3226	13	40910	-50	-73
DISC90L2	78 215	854	32.9552	-9.9520	3106	3114	13	40892	-63	-73
DISC90L2	78 215	9 0	32.9447	-9.9618	3100	3107	13	40876	-74	-71
DISC90L2	78 215	9 6	32.9342	-9.9717	3168	3177	13	40874	-71	-69
DISC90L2	78 215	912	32.9237	-9.9815	3184	3193	13	40870	-70	-68
DISC90L2	78 215	918	32.9133	-9.9913	3106	3114	13	40872	-63	-67
DISC90L2	78 215	924	32.9030	-10.0012	3255	3264	13	40862	-69	-67
DISC90L2	78 215	930	32.8928	-10.0108	3367	3376	13	40858	-68	-67
DISC90L2	78 215	936	32.8825	-10.0207	3437	3449	13	40852	-69	-66
DISC90L2	78 215	942	32.8723	-10.0303	3460	3471	13	40848	-68	-66
DISC90L2	78 215	948	32.8622	-10.0402	3414	3425	13	40848	-63	-65
DISC90L2	78 215	954	32.8520	-10.0502	3277	3286	13	40836	-70	-64
DISC90L2	78 215	10 0	32.8420	-10.0602	3285	3294	13	40826	-75	-65
DISC90L2	78 215	10 6	32.8322	-10.0700	3402	3413	13	40832	-64	-65
DISC90L2	78 215	1012	32.8220	-10.0800	3556	3568	13	40822	-70	-66
DISC90L2	78 215	1018	32.8120	-10.0898	3516	3528	13	40808	-79	-65
DISC90L2	78 215	1024	32.8022	-10.0998	3431	3442	13	40808	-74	-66
DISC90L2	78 215	1030	32.7922	-10.1097	3412	3422	13	40800	-77	-66
DISC90L2	78 215	1036	32.7822	-10.1195	3347	3358	13	40782	-90	-65
DISC90L2	78 215	1042	32.7722	-10.1292	3489	3500	13	40768	-99	-65
DISC90L2	78 215	1046	32.7620	-10.1388	3422	3433	13	40756	-106	-65
DISC90L2	78 215	1054	32.7520	-10.1483	3259	3268	13	40734	-123	-62

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 4678	215	11 0	32.7418	-10.1582	3179	3188	13	40720	-132	-61
DISC90L2	78 215	11 6	32.7315	-10.1678	3111	3120	13	40712	-135	-61
DISC90L2	78 215	11 12	32.7212	-10.1777	3196	3204	13	40718	-124	-61
DISC90L2	78 215	11 18	32.7108	-10.1873	3475	3488	13	40730	-110	-63
DISC90L2	78 215	11 24	32.7005	-10.1972	3472	3484	13	40702	-110	-64
DISC90L2	78 215	11 30	32.6902	-10.2068	3451	3462	13	40702	-125	-64
DISC90L2	78 215	11 36	32.6798	-10.2167	3420	3431	13	40714	-108	-63
DISC90L2	78 215	11 42	32.6693	-10.2258	3277	3286	13	40718	-99	-58
DISC90L2	78 215	11 48	32.6583	-10.2343	3185	3193	13	40720	-92	-56
DISC90L2	78 215	11 54	32.6477	-10.2427	3306	3316	13	40720	-87	-56
DISC90L2	78 215	12 0	32.6367	-10.2513	3267	3277	13	40716	-85	-55
DISC90L2	78 215	12 6	32.6258	-10.2598	3218	3226	13	40712	-84	-53
DISC90L2	78 215	12 12	32.6148	-10.2685	3199	3208	13	40710	-81	-52
DISC90L2	78 215	12 18	32.6038	-10.2770	3212	3221	13	40704	-81	-50
DISC90L2	78 215	12 24	32.5930	-10.2857	3214	3222	13	40700	-80	-47
DISC90L2	78 215	12 30	32.5820	-10.2943	3187	3195	13	40698	-77	-45
DISC90L2	78 215	12 36	32.5710	-10.3028	3168	3177	13	40696	-73	-43
DISC90L2	78 215	12 42	32.5602	-10.3115	3124	3131	13	40694	-70	-42
DISC90L2	78 215	12 48	32.5492	-10.3202	3140	3147	13	40694	-65	-41
DISC90L2	78 215	12 54	32.5385	-10.3287	3147	3155	13	40692	-62	-41
DISC90L2	78 215	13 0	32.5277	-10.3372	3164	3171	13	40686	-62	-41
DISC90L2	78 215	13 6	32.5168	-10.3458	3125	3133	13	40680	-63	-42
DISC90L2	78 215	13 12	32.5060	-10.3545	3172	3180	13	40672	-66	-43
DISC90L2	78 215	13 18	32.4953	-10.3630	3311	3321	13	40665	-65	-45
DISC90L2	78 215	13 24	32.4847	-10.3715	3732	3747	13	40664	-63	-45
DISC90L2	78 215	13 30	32.4740	-10.3800	3667	3681	13	40654	-68	-46
DISC90L2	78 215	13 36	32.4632	-10.3887	3727	3742	13	40646	-71	-46
DISC90L2	78 215	13 42	32.4525	-10.3972	3512	3524	13	40636	-76	-44
DISC90L2	78 215	13 48	32.4418	-10.4057	3393	3403	13	40634	-73	-43
DISC90L2	78 215	13 54	32.4313	-10.4142	3248	3257	13	40632	-70	-41
DISC90L2	78 215	14 0	32.4207	-10.4227	3134	3142	13	40628	-68	-41
DISC90L2	78 215	14 6	32.4100	-10.4312	3297	3306	13	40630	-61	-41
DISC90L2	78 215	14 12	32.3993	-10.4397	3431	3442	13	40628	-58	-42
DISC90L2	78 215	14 18	32.3888	-10.4480	3497	3509	13	40622	-59	-44
DISC90L2	78 215	14 24	32.3782	-10.4565	3471	3482	13	40618	-58	-44
DISC90L2	78 215	14 30	32.3677	-10.4648	3282	3290	13	40618	-53	-45
DISC90L2	78 215	14 36	32.3570	-10.4733	3126	3133	13	40610	-55	-46
DISC90L2	78 215	14 42	32.3465	-10.4817	3042	3049	13	40600	-60	-46
DISC90L2	78 215	14 48	32.3358	-10.4900	2972	2979	13	40602	-53	-47
DISC90L2	78 215	14 54	32.3255	-10.4985	2932	2939	13	40590	-60	-48
DISC90L2	78 215	15 0	32.3150	-10.5068	3021	3028	13	40586	-59	-49
DISC90L2	78 215	15 6	32.3045	-10.5152	3063	3071	13	40580	-60	-51
DISC90L2	78 215	15 12	32.2938	-10.5237	3066	3074	13	40570	-65	-52
DISC90L2	78 215	15 18	32.2835	-10.5320	2994	3001	13	40552	-68	-53
DISC90L2	78 215	15 24	32.2728	-10.5405	3072	3080	13	40550	-75	-53
DISC90L2	78 215	15 30	32.2625	-10.5488	3177	3186	13	40542	-77	-53
DISC90L2	78 215	15 36	32.2517	-10.5573	3217	3226	13	40530	-84	-53
DISC90L2	78 215	15 42	32.2410	-10.5658	3327	3336	13	40522	-87	-51
DISC90L2	78 215	15 48	32.2303	-10.5743	3402	3413	13	40508	-96	-48
DISC90L2	78 215	15 54	32.2195	-10.5822	3303	3312	13	40500	-99	-45
DISC90L2	78 215	16 0	32.2085	-10.5838	3227	3235	13	40490	-102	-39
DISC90L2	78 215	16 6	32.1983	-10.5777	3094	3102	13	40480	-107	-37
DISC90L2	78 215	16 12	32.1855	-10.5657	2991	2999	13	40472	-110	-34
DISC90L2	78 215	16 18	32.1827	-10.5553	2993	2999	13	40472	-109	-37
DISC90L2	78 215	16 24	32.1830	-10.5395	3170	3178	13	40474	-107	-44
DISC90L2	78 215	16 30	32.1838	-10.5233	3042	3049	13	40476	-106	-46
DISC90L2	78 215	16 36	32.1847	-10.5070	2916	2922	13	40480	-102	-47
DISC90L2	78 215	16 42	32.1855	-10.4910	2708	2714	13	40482	-101	-47
DISC90L2	78 215	16 48	32.1863	-10.4748	2617	2621	13	40482	-101	-47
DISC90L2	78 215	16 54	32.1872	-10.4587	2594	2599	13	40486	-98	-47
DISC90L2	78 215	17 0	32.1882	-10.4427	2699	2705	13	40488	-97	-49
DISC90L2	78 215	17 6	32.1890	-10.4265	2617	2621	13	40486	-99	-49
DISC90L2	78 215	17 12	32.1898	-10.4103	2561	2564	13	40488	-98	-50
DISC90L2	78 215	17 18	32.1907	-10.3942	2447	2451	13	40488	-98	-51
DISC90L2	78 215	17 24	32.1915	-10.3780	2372	2376	13	40488	-99	-53
DISC90L2	78 215	17 30	32.1925	-10.3618	2438	2441	13	40488	-99	-54
DISC90L2	78 215	17 36	32.1933	-10.3455	2532	2537	13	40490	-98	-55
DISC90L2	78 215	17 42	32.1942	-10.3293	2586	2591	13	40488	-100	-55
DISC90L2	78 215	17 48	32.1950	-10.3132	2476	2480	13	40488	-101	-54
DISC90L2	78 215	17 54	32.1960	-10.2968	2387	2390	13	40488	-101	-52
DISC90L2	78 215	18 0	32.1968	-10.2807	2347	2350	13	40488	-102	-51
DISC90L2	78 215	18 6	32.1978	-10.2645	2306	2310	13	40488	-102	-49
DISC90L2	78 215	18 12	32.1987	-10.2482	2205	2207	13	40488	-103	-47
DISC90L2	78 215	18 18	32.2003	-10.2322	2051	2054	13	40490	-102	-45
DISC90L2	78 215	18 24	32.2075	-10.2187	2076	2079	13	40494	-101	-47
DISC90L2	78 215	18 30	32.2187	-10.2093	2151	2154	13	40502	-99	-50
DISC90L2	78 215	18 36	32.2303	-10.2003	2263	2266	13	40510	-96	-53
DISC90L2	78 215	18 42	32.2418	-10.1915	2416	2420	13	40518	-94	-56
DISC90L2	78 215	18 48	32.2542	-10.1812	2511	2515	13	40526	-92	-55
DISC90L2	78 215	18 54	32.2648	-10.1715	2548	2553	13	40530	-93	-55
DISC90L2	78 215	19 0	32.2755	-10.1618	2527	2531	13	40536	-92	-56
DISC90L2	78 215	19 6	32.2862	-10.1522	2546	2551	13	40544	-90	-55
DISC90L2	78 215	19 12	32.2968	-10.1425	2452	2456	13	40550	-89	-55
DISC90L2	78 215	19 18	32.3075	-10.1328	2507	2511	13	40558	-86	-54
DISC90L2	78 215	19 24	32.3182	-10.1232	2497	2502	13	40562	-87	-53
DISC90L2	78 215	19 30	32.3288	-10.1135	2510	2515	13	40570	-84	-51
DISC90L2	78 215	19 36	32.3395	-10.1037	2367	2370	13	40578	-82	-49
DISC90L2	78 215	19 42	32.3502	-10.0940	2209	2211	13	40584	-81	-47
DISC90L2	78 215	19 48	32.3608	-10.0843	2426	2430	13	40590	-80	-46
DISC90L2	78 215	19 54	32.3715	-10.0745	2221	2224	13	40596	-79	-44
DISC90L2	78 215	20 0	32.3822	-10.0648	2109	2112	13	40600	-80	-42
DISC90L2	78 215	20 6	32.3928	-10.0552	2090	2092	13	40608	-78	-38
DISC90L2	78 215	20 12	32.4035	-10.0453	2026	2028	13	40616	-75	-35

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 215	20 18	32.4142	-10.0357	1991	1993	13	40622	-74	-30
DISC90L2	78 215	20 24	32.4248	-10.0260	1854	1856	13	40626	-75	-25
DISC90L2	78 215	20 30	32.4355	-10.0162	1793	1796	13	40632	-74	-20
DISC90L2	78 215	20 36	32.4462	-10.0065	1696	1699	13	40638	-73	-15
DISC90L2	78 215	20 42	32.4567	-9.9967	1671	1673	13	40644	-73	-12
DISC90L2	78 215	20 48	32.4673	-9.9870	1651	1653	13	40648	-74	-9
DISC90L2	78 215	20 54	32.4780	-9.9772	1646	1648	13	40652	-74	-7
DISC90L2	78 215	21 0	32.4887	-9.9673	1651	1653	13	40658	-75	-4
DISC90L2	78 215	21 6	32.4993	-9.9577	1655	1657	13	40662	-76	-6
DISC90L2	78 215	21 12	32.5100	-9.9480	1811	1814	13	40668	-75	-9
DISC90L2	78 215	21 18	32.5205	-9.9382	1676	1679	13	40674	-74	-13
DISC90L2	78 215	21 24	32.5312	-9.9283	1636	1639	13	40680	-73	-17
DISC90L2	78 215	21 30	32.5418	-9.9187	1706	1708	13	40686	-72	-22
DISC90L2	78 215	21 36	32.5525	-9.9088	1871	1875	13	40690	-74	-27
DISC90L2	78 215	21 42	32.5632	-9.8990	2146	2149	13			
DISC90L2	78 215	21 48	32.5667	-9.8957						
DISC90L2	78 215	21 48	32.5703	-9.8925						
DISC90L2	78 215	21 48	32.5738	-9.8892	2002	2004	13			
DISC90L2	78 215	21 54	32.5848	-9.8795	1949	1951	13	40708	-71	-30
DISC90L2	78 215	22 0	32.5963	-9.8703	1889	1891	13	40712	-73	-36
DISC90L2	78 215	22 6	32.6078	-9.8612	1764	1767	13	40718	-73	-36
DISC90L2	78 215	22 12	32.6195	-9.8522	1809	1811	13	40722	-74	-37
DISC90L2	78 215	22 18	32.6310	-9.8430	1876	1878	13	40726	-74	-38
DISC90L2	78 215	22 24	32.6425	-9.8338	1822	1825	13	40732	-76	-39
DISC90L2	78 215	22 30	32.6540	-9.8247	1876	1882	13	40736	-77	-39
DISC90L2	78 215	22 36	32.6657	-9.8157	1808	1811	13	40740	-79	-38
DISC90L2	78 215	22 42	32.6772	-9.8067	1716	1719	13	40744	-81	-38
DISC90L2	78 215	22 48	32.6890	-9.7978	1801	1803	13	40748	-82	-38
DISC90L2	78 215	22 54	32.7007	-9.7888	1781	1783	13	40752	-84	-40
DISC90L2	78 215	23 0	32.7122	-9.7795	1756	1759	13	40754	-86	-40
DISC90L2	78 215	23 6	32.7238	-9.7710	1756	1759	13	40758	-88	-40
DISC90L2	78 215	23 12	32.7355	-9.7622	1811	1814	13	40762	-89	-40
DISC90L2	78 215	23 18	32.7472	-9.7535	1756	1759	13	40764	-95	-41
DISC90L2	78 215	23 24	32.7585	-9.7447	1877	1880	13	40768	-96	-41
DISC90L2	78 215	23 30	32.7697	-9.7355	1808	1871	13	40772	-98	-40
DISC90L2	78 215	23 36	32.7809	-9.7267	1816	1815	13	40778	-98	-40
DISC90L2	78 215	23 42	32.7922	-9.7174	1711	1714	13	40780	-101	-37
DISC90L2	78 215	23 48	32.8035	-9.7099	1623	1626	13	40786	-101	-36
DISC90L2	78 215	23 54	32.8148	-9.7009	1682	1685	13	40790	-103	-36
DISC90L2 47 78	216	0 0	32.8268	-9.6913	1783	1785	13	40794	-103	
DISC90L2	78 216	0 6	32.8407	-9.6825	1857	1889	13	40800	-104	
DISC90L2	78 216	0 12	32.8523	-9.6738	1914	1917	13	40804	-106	
DISC90L2	78 216	0 18	32.8642	-9.6653	1792	1794	13	40810	-106	
DISC90L2	78 216	0 24	32.8760	-9.6567	1648	1650	13	40816	-105	-32
DISC90L2	78 216	0 30	32.8878	-9.6480	1651	1653	13	40822	-105	-31
DISC90L2	78 216	0 36	32.8995	-9.6395	1706	1708	13			
DISC90L2	78 216	0 42	32.9113	-9.6310	1746	1748	13	40834	-105	
DISC90L2	78 216	0 48	32.9230	-9.6225	1821	1823	13	40840	-104	-30
DISC90L2	78 216	0 54	32.9348	-9.6138	1661	1664	13	40845	-104	-26
DISC90L2	78 216	1 0	32.9467	-9.6053	1586	1589	13	40852	-104	-24
DISC90L2	78 216	1 6	32.9583	-9.5967	1504	1507	13	40860	-102	-22
DISC90L2	78 216	1 12	32.9700	-9.5882	1436	1439	13	40870	-97	-20
DISC90L2	78 216	1 18	32.9818	-9.5797	1485	1487	13	40878	-95	-18
DISC90L2	78 216	1 24	32.9935	-9.5712	1381	1383	13	40884	-95	-18
DISC90L2	78 216	1 30	33.0053	-9.5627	1391	1394	13	40892	-93	-16
DISC90L2	78 216	1 36	33.0170	-9.5540	1293	1295	13	40898	-92	-14
DISC90L2	78 216	1 42	33.0288	-9.5453	1361	1362	13	40904	-92	-13
DISC90L2	78 216	1 48	33.0407	-9.5368	1305	1308	13	40910	-92	-11
DISC90L2	78 216	1 54	33.0525	-9.5283	1191	1194	13	40916	-91	-10
DISC90L2	78 216	2 0	33.0642	-9.5197	1208	1211	13	40922	-91	-11
DISC90L2	78 216	2 6	33.0760	-9.5112	1197	1200	13	40928	-91	-11
DISC90L2	78 216	2 12	33.0878	-9.5025	1231	1234	13	40932	-92	-11
DISC90L2	78 216	2 18	33.0995	-9.4940	1327	1330	13	40938	-92	-13
DISC90L2	78 216	2 24	33.1113	-9.4855	1212	1214	13	40942	-93	-13
DISC90L2	78 216	2 30	33.1230	-9.4770	1126	1128	13	40948	-93	-12
DISC90L2	78 216	2 36	33.1347	-9.4685	1176	1178	13	40950	-97	-12
DISC90L2	78 216	2 42	33.1465	-9.4598	1119	1121	13	40956	-96	
DISC90L2	78 216	2 48	33.1582	-9.4513	1180	1183	13	40960	-98	-11
DISC90L2	78 216	2 54	33.1700	-9.4428	1238	1242	13	40966	-98	-9
DISC90L2	78 216	3 0	33.1817	-9.4343	1141	1143	13	40968	-101	-7
DISC90L2	78 216	3 6	33.1935	-9.4258	1094	1095	13	40972	-103	-4
DISC90L2	78 216	3 12	33.2052	-9.4173	1019	1020	13	40974	-106	-1
DISC90L2	78 216	3 18	33.2170	-9.4088	1041	1042	13	40978	-108	2
DISC90L2	78 216	3 24	33.2287	-9.4003	944	947	13	40982	-110	4
DISC90L2	78 216	3 30	33.2403	-9.3918	953	956	13	40984	-113	4
DISC90L2	78 216	3 36	33.2522	-9.3833	938	940	13	40986	-117	2
DISC90L2	78 216	3 42	33.2640	-9.3747	911	914	13	40988	-121	1
DISC90L2	78 216	3 48	33.2757	-9.3662	872	874	13	40990	-124	0
DISC90L2	78 216	3 54	33.2875	-9.3577	884	885	13	40992	-128	-0
DISC90L2	78 216	4 0	33.2992	-9.3492	813	816	13	40996	-130	0
DISC90L2	78 216	4 6	33.3113	-9.3418	781	783	13	41002	-129	2
DISC90L2	78 216	4 12	33.3245	-9.3398	746	748	13	41010	-128	2
DISC90L2	78 216	4 18	33.3362	-9.3452	738	741	13	41014	-129	6
DISC90L2	78 216	4 24	33.3415	-9.3572	750	753	13	41014	-132	10
DISC90L2	78 216	4 30	33.3417	-9.3713	761	763	13	41018	-127	9
DISC90L2	78 216	4 36	33.3413	-9.3857	777	779	13	41020	-125	9
DISC90L2	78 216	4 42	33.3412	-9.4000	791	794	13	41026	-119	10
DISC90L2	78 216	4 48	33.3408	-9.4143	789	792	13	41034	-111	11
DISC90L2	78 216	4 54	33.3405	-9.4292	772	774	13	41038	-106	14
DISC90L2	78 216	5 0	33.3402	-9.4440	799	801	13	41044	-100	18
DISC90L2	78 216	5 6	33.3400	-9.4588	792	796	13	41054	-90	23
DISC90L2	78 216	512	33.3398	-9.4735	812	814	13	41062	-82	26
DISC90L2	78 216	518	33.3395	-9.4885	850	852	13	41066	-77	28

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 47	78 216	524	33.3393	-9.5037	901	903	13	41064	-79	29
DISC90L2	78 216	530	33.3390	-9.5185	955	958	13	41056	-87	28
DISC90L2	78 216	536	33.3387	-9.5337	1027	1030	13	41048	-94	25
DISC90L2	78 216	542	33.3383	-9.5488	1084	1086	13	41044	-98	21
DISC90L2	78 216	548	33.3380	-9.5642	1157	1159	13	41040	-102	11
DISC90L2	78 216	554	33.3378	-9.5795	1295	1297	13	41040	-102	-3
DISC90L2	78 216	6 0	33.3377	-9.5950	1762	1765	13	41038	-103	-25
DISC90L2	78 216	6 6	33.3375	-9.6105	2639	2644	13	41038	-103	-47
DISC90L2	78 216	612	33.3372	-9.6260	2782	2787	13	41040	-101	-64
DISC90L2	78 216	618	33.3370	-9.6412	3017	3023	13	41038	-102	-77
DISC90L2	78 216	624	33.3367	-9.6565	3122	3129	13	41036	-104	-87
DISC90L2	78 216	630	33.3365	-9.6717	3260	3270	13	41032	-108	-94
DISC90L2	78 216	636	33.3362	-9.6870	3386	3399	13	41030	-110	-100
DISC90L2	78 216	642	33.3360	-9.7020	3486	3497	13	41030	-109	-104
DISC90L2	78 216	648	33.3357	-9.7168	3668	3681	13	41028	-111	-109
DISC90L2	78 216	654	33.3355	-9.7320	3822	3839	13	41028	-111	-113
DISC90L2	78 216	7 0	33.3352	-9.7470	3889	3906	13	41026	-113	-117
DISC90L2	78 216	7 6	33.3350	-9.7618	4039	4060	13	41026	-112	-119
DISC90L2	78 216	712	33.3347	-9.7768	4047	4067	13	41030	-108	-122
DISC90L2	78 216	718	33.3345	-9.7917	3996	4016	13	41032	-106	-122
DISC90L2	78 216	724	33.3342	-9.8065	3966	3985	13	41032	-105	-124
DISC90L2	78 216	730	33.3338	-9.8210	3917	3936	13	41036	-101	-125
DISC90L2	78 216	736	33.3337	-9.8360	3949	3967	13	41038	-99	-126
DISC90L2	78 216	742	33.3333	-9.8512	4059	4080	13	41038	-99	-125
DISC90L2	78 216	748	33.3330	-9.8668	4142	4164	13	41042	-94	-124
DISC90L2	78 216	754	33.3328	-9.8822	4232	4256	13	41044	-92	-123
DISC90L2	78 216	8 0	33.3325	-9.8977	4284	4309	13	41044	-92	-122
DISC90L2	78 216	8 6	33.3322	-9.9133	4298	4323	13	41046	-89	-121
DISC90L2	78 216	812	33.3318	-9.9290	4292	4316	13	41046	-89	-119
DISC90L2	78 216	818	33.3317	-9.9445	4284	4309	13	41050	-85	-118
DISC90L2	78 216	824	33.3313	-9.9598	4276	4301	13	41050	-85	-117
DISC90L2	78 216	830	33.3312	-9.9757	4278	4303	13	41052	-82	-115
DISC90L2	78 216	836	33.3310	-9.9912	4296	4321	13	41050	-84	-114
DISC90L2	78 216	842	33.3308	-10.0063	4309	4334	13	41050	-83	-111
DISC90L2	78 216	848	33.3307	-10.0215	4322	4347	13	41050	-83	-109
DISC90L2	78 216	854	33.3307	-10.0367	4329	4354	13	41050	-83	-106
DISC90L2	78 216	9 0	33.3305	-10.0517	4341	4367	13	41052	-81	-104
DISC90L2	78 216	9 6	33.3303	-10.0667	4331	4356	13	41052	-81	-103
DISC90L2	78 216	912	33.3302	-10.0820	4329	4354	13	41050	-83	-100
DISC90L2	78 216	918	33.3300	-10.0968	4323	4349	13	41050	-83	-97
DISC90L2	78 216	924	33.3300	-10.1115	4318	4343	13	41050	-83	-96
DISC90L2	78 216	930	33.3297	-10.1265	4323	4349	13	41052	-80	-94
DISC90L2	78 216	936	33.3295	-10.1415	4324	4349	13	41052	-80	-92
DISC90L2	78 216	942	33.3293	-10.1567	4327	4353	13	41052	-80	-91
DISC90L2	78 216	948	33.3292	-10.1718	4328	4354	13	41052	-80	-90
DISC90L2	78 216	954	33.3288	-10.1870	4329	4354	13	41056	-76	-87
DISC90L2	78 216	10 0	33.3287	-10.2020	4331	4356	13	41056	-76	-85
DISC90L2	78 216	10 6	33.3285	-10.2170	4333	4358	13	41058	-73	-83
DISC90L2	78 216	1012	33.3282	-10.2320	4334	4360	13	41060	-71	-82
DISC90L2	78 216	1018	33.3278	-10.2475	4333	4358	13	41064	-67	-80
DISC90L2	78 216	1024	33.3277	-10.2623	4333	4358	13	41070	-61	-78
DISC90L2	78 216	1030	33.3273	-10.2777	4333	4358	13	41074	-57	-75
DISC90L2	78 216	1036	33.3272	-10.2930	4332	4358	13	41078	-53	-74
DISC90L2	78 216	1042	33.3272	-10.3077	4332	4358	13	41082	-48	-73
DISC90L2	78 216	1048	33.3313	-10.3220	4332	4358	13	41082	-50	-72
DISC90L2	78 216	1054	33.3393	-10.3338	4332	4358	13	41086	-50	-70
DISC90L2	78 216	11 0	33.3517	-10.3372	4332	4358	13	41086	-56	-69
DISC90L2	78 216	11 6	33.3625	-10.3315	4332	4358	13	41088	-59	-69
DISC90L2	78 216	1112	33.3727	-10.3193	4334	4360	13	41084	-68	-70
DISC90L2	78 216	1118	33.3823	-10.3070	4334	4360	13	41082	-75	-72
DISC90L2	78 216	1124	33.3922	-10.2947	4334	4360	13	41084	-77	-74
DISC90L2	78 216	1130	33.4020	-10.2825	4334	4360	13	41086	-80	-74
DISC90L2	78 216	1136	33.4117	-10.2703	4335	4362	13	41088	-83	-74
DISC90L2	78 216	1142	33.4212	-10.2582	4334	4360	13	41086	-89	-76
DISC90L2	78 216	1148	33.4308	-10.2460	4334	4360	13	41086	-94	-76
DISC90L2	78 216	1154	33.4405	-10.2340	4334	4360	13	41088	-97	-75
DISC90L2	78 216	12 0	33.4500	-10.2217	4334	4360	13	41090	-99	-74
DISC90L2	78 216	12 6	33.4595	-10.2092	4334	4360	13	41092	-102	-74
DISC90L2	78 216	1212	33.4690	-10.1970	4334	4360	13	41094	-104	-74
DISC90L2	78 216	1218	33.4783	-10.1847	4333	4358	13	41096	-107	-76
DISC90L2	78 216	1224	33.4878	-10.1723	4333	4358	13	41098	-109	-76
DISC90L2	78 216	1230	33.4975	-10.1600	4333	4358	13	41104	-108	-77
DISC90L2	78 216	1236	33.5070	-10.1477	4333	4358	13	41110	-107	-77
DISC90L2	78 216	1242	33.5165	-10.1353	4333	4358	13	41114	-107	-80
DISC90L2	78 216	1248	33.5258	-10.1230	4333	4358	13	41118	-108	-81
DISC90L2	78 216	1254	33.5355	-10.1105	4332	4358	13	41124	-106	-83
DISC90L2	78 216	13 0	33.5442	-10.0967	4332	4358	13	41130	-104	-84
DISC90L2	78 216	13 6	33.5502	-10.0870	4332	4358	13	41132	-105	-85
DISC90L2	78 216	1312	33.5553	-10.0782	4332	4358	13	41134	-106	-85
DISC90L2	78 216	1318	33.5605	-10.0697	4332	4358	13	41134	-108	-87
DISC90L2	78 216	1324	33.5657	-10.0610	4332	4358	13	41138	-107	-89
DISC90L2	78 216	1330	33.5708	-10.0523	4332	4358	13	41138	-109	-90
DISC90L2	78 216	1336	33.5758	-10.0435	4332	4358	13	41140	-110	-92
DISC90L2	78 216	1342	33.5810	-10.0352	4332	4358	13	41140	-112	-93
DISC90L2	78 216	1348	33.5860	-10.0267	4332	4358	13	41148	-107	-95
DISC90L2	78 216	1354	33.5910	-10.0180	4332	4358	13	41152	-105	-96
DISC90L2	78 216	14 0	33.5962	-10.0093	4332	4358	13	41158	-102	-97
DISC90L2	78 216	14 6	33.6013	-10.0007	4332	4358	13	41160	-102	-100
DISC90L2	78 216	1412	33.6065	-9.9922	4332	4358	13	41162	-102	-101
DISC90L2	78 216	1418	33.6115	-9.9835	4332	4358	13	41162	-105	-101
DISC90L2	78 216	1424	33.6167	-9.9748	4332	4358	13	41166	-103	-103
DISC90L2	78 216	1430	33.6217	-9.9663	4332	4358	13	41170	-102	-105
DISC90L2	78 216	1436	33.6267	-9.9578	4332	4358	13	41172	-102	-109

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 216	1442	33.6317	-9.9493	4332	4358	13	41174	-103	-110
DISC90L2	78 216	1448	33.6367	-9.9406	4331	4356	13	41176	-103	-111
DISC90L2	78 216	1454	33.6417	-9.9323	4330	4356	13	41180	-101	-111
DISC90L2	78 216	15 0	33.6468	-9.9235	4330	4356	13	41182	-102	-113
DISC90L2	78 216	15 6	33.6550	-9.9110	4332	4358	13	41188	-100	-116
DISC90L2	78 216	1512	33.6637	-9.8978	4332	4358	13	41194	-98	-118
DISC90L2	78 216	1518	33.6723	-9.8850	4332	4358	13	41200	-96	-121
DISC90L2	78 216	1524	33.6808	-9.8720	4332	4358	13	41204	-97	-123
DISC90L2	78 216	1530	33.6893	-9.8592	4331	4356	13	41212	-93	-126
DISC90L2	78 216	1536	33.6977	-9.8463	4329	4354	13	41218	-91	-127
DISC90L2	78 216	1542	33.7062	-9.8335	4328	4354	13	41224	-89	-129
DISC90L2	78 216	1548	33.7147	-9.8207	4327	4353	13	41232	-85	-130
DISC90L2	78 216	1554	33.7232	-9.8078	4327	4353	13	41236	-85	-132
DISC90L2	78 216	16 0	33.7320	-9.7945	4327	4353	13	41242	-84	-134
DISC90L2	78 216	16 6	33.7407	-9.7813	4325	4351	13	41248	-82	-136
DISC90L2	78 216	1612	33.7487	-9.7685	4325	4351	13	41252	-82	-140
DISC90L2	78 216	1618	33.7570	-9.7562	4323	4349	13	41258	-80	-142
DISC90L2	78 216	1624	33.7643	-9.7430	4323	4349	13	41264	-77	-144
DISC90L2	78 216	1630	33.7680	-9.7273	4321	4347	13	41264	-79	-145
DISC90L2	78 216	1636	33.7678	-9.7107	4318	4343	13	41264	-79	-149
DISC90L2	78 216	1642	33.7665	-9.6942	4316	4342	13	41264	-79	-153
DISC90L2	78 216	1648	33.7653	-9.6775	4314	4340	13	41258	-84	-157
DISC90L2	78 216	1654	33.7640	-9.6608	4312	4338	13	41256	-86	-161
DISC90L2	78 216	17 0	33.7627	-9.6440	4310	4336	13	41254	-88	-163
DISC90L2	78 216	17 6	33.7613	-9.6275	4307	4332	13	41252	-89	-167
DISC90L2	78 216	1712	33.7600	-9.6112	4302	4327	13	41252	-89	-170
DISC90L2	78 216	1718	33.7588	-9.5948	4297	4321	13	41250	-90	-172
DISC90L2	78 216	1724	33.7575	-9.5782	4253	4278	13	41248	-95	-173
DISC90L2	78 216	1730	33.7562	-9.5617	4022	4042	13	41246	-95	-174
DISC90L2	78 216	1736	33.7548	-9.5453	3977	3996	13	41244	-95	-173
DISC90L2	78 216	1742	33.7535	-9.5288	3987	4007	13	41240	-98	-173
DISC90L2	78 216	1748	33.7523	-9.5123	4142	4164	13	41238	-100	-171
DISC90L2	78 216	1754	33.7508	-9.4957	4164	4186	13	41236	-101	-168
DISC90L2	78 216	18 0	33.7493	-9.4797	4148	4170	13	41234	-103	-162
DISC90L2	78 216	18 6	33.7478	-9.4633	4108	4129	13	41232	-102	-156
DISC90L2	78 216	1812	33.7465	-9.4472	3796	3813	13	41226	-110	-149
DISC90L2	78 216	1818	33.7450	-9.4310	3732	3747	13	41222	-113	-141
DISC90L2	78 216	1824	33.7435	-9.4148	3567	3579	13	41216	-119	-133
DISC90L2	78 216	1830	33.7420	-9.3987	3422	3433	13	41218	-116	-126
DISC90L2	78 216	1836	33.7405	-9.3825	3427	3438	13	41220	-114	-121
DISC90L2	78 216	1842	33.7390	-9.3663	3405	3414	13	41220	-113	-115
DISC90L2	78 216	1848	33.7375	-9.3498	3572	3584	13	41222	-111	-111
DISC90L2	78 216	1854	33.7362	-9.3335	3431	3442	13	41220	-112	-105
DISC90L2	78 216	19 0	33.7347	-9.3172	3382	3392	13	41218	-114	-99
DISC90L2	78 216	19 6	33.7332	-9.3010	3337	3347	13	41220	-111	-92
DISC90L2	78 216	1912	33.7317	-9.2848	3002	3008	13	41220	-111	-85
DISC90L2	78 216	1918	33.7300	-9.2685	2759	2765	13	41218	-112	-79
DISC90L2	78 216	1924	33.7287	-9.2520	2844	2849	13	41216	-113	-76
DISC90L2	78 216	1930	33.7272	-9.2357	2810	2815	13	41216	-113	-75
DISC90L2	78 216	1936	33.7258	-9.2192	2631	2635	13	41216	-112	-73
DISC90L2	78 216	1942	33.7245	-9.2027	2649	2654	13	41218	-111	-70
DISC90L2	78 216	1948	33.7230	-9.1860	2654	2659	13	41216	-110	-65
DISC90L2	78 216	1954	33.7217	-9.1695	2357	2361	13	41212	-115	-59
DISC90L2	78 216	20 0	33.7203	-9.1532	2122	2125	13	41208	-119	-52
DISC90L2	78 216	20 6	33.7208	-9.1372	1996	1999	13	41206	-121	-48
DISC90L2	78 216	2012	33.7258	-9.1227	1981	1984	13	41210	-119	-49
DISC90L2	78 216	2018	33.7317	-9.1083	1980	1982	13	41216	-116	-51
DISC90L2	78 216	2024	33.7377	-9.0940	1999	2003	13	41218	-117	-54
DISC90L2	78 216	2030	33.7435	-9.0798	2070	2074	13	41222	-116	-57
DISC90L2	78 216	2036	33.7493	-9.0657	2231	2235	13	41224	-117	-63
DISC90L2	78 216	2042	33.7552	-9.0515	2367	2370	13	41226	-118	-68
DISC90L2	78 216	2048	33.7608	-9.0372	2266	2270	13	41230	-117	-70
DISC90L2	78 216	2054	33.7668	-9.0228	2126	2129	13	41234	-116	-71
DISC90L2	78 216	21 0	33.7727	-9.0085	2072	2076	13	41236	-117	-70
DISC90L2	78 216	21 6	33.7788	-8.9938	2178	2182	13	41238	-117	-69
DISC90L2	78 216	2112	33.7855	-8.9795	2178	2182	13	41244	-114	-66
DISC90L2	78 216	2118	33.7920	-8.9650	2101	2103	13	41246	-116	-62
DISC90L2	78 216	2124	33.7987	-8.9503	1899	1902	13	41248	-117	-57
DISC90L2	78 216	2130	33.8053	-8.9358	1788	1790	13	41254	-114	-52
DISC90L2	78 216	2136	33.8187	-8.9213	1699	1701	13	41258	-114	-48
DISC90L2	78 216	2142	33.8253	-8.9067	1634	1637	13	41264	-111	-44
DISC90L2	78 216	2148	33.8318	-8.8922	1579	1582	13	41264	-114	-42
DISC90L2	78 216	2154	33.8385	-8.8777	1518	1522	13	41266	-116	-40
DISC90L2	78 216	22 0	33.8452	-8.8630	1476	1479	13	41270	-115	-39
DISC90L2	78 216	22 6	33.8517	-8.8485	1458	1461	13	41276	-112	-39
DISC90L2	78 216	2212	33.8583	-8.8338	1450	1452	13	41280	-112	-39
DISC90L2	78 216	2218	33.8650	-8.8192	1475	1478	13	41288	-107	-40
DISC90L2	78 216	2224	33.8715	-8.8045	1474	1478	13	41290	-109	-40
DISC90L2	78 216	2230	33.8782	-8.7900	1473	1476	13	41294	-108	-41
DISC90L2	78 216	2236	33.8863	-8.7753	1458	1461	13	41298	-107	-42
DISC90L2	78 216	2242	33.8980	-8.7625	1486	1489	13	41306	-103	-44
DISC90L2	78 216	2248	33.9105	-8.7552	1586	1589	13	41316	-99	-47
DISC90L2	78 216	2254	33.9232	-8.7495	1646	1648	13	41324	-97	-50
DISC90L2	78 216	23 0	33.9357	-8.7437	1766	1768	13	41332	-95	-52
DISC90L2	78 216	23 6	33.9480	-8.7380	1841	1843	13	41342	-91	-55
DISC90L2	78 216	2312	33.9607	-8.7323	1891	1893	13	41348	-91	-57
DISC90L2	78 216	2318	33.9732	-8.7267	2051	2054	13	41350	-95	-60
DISC90L2	78 216	2324	33.9857	-8.7210	2207	2209	13	41356	-95	-63
DISC90L2	78 216	2330	33.9983	-8.7153	2279	2282	13	41358	-99	-66
DISC90L2	78 216	2336	34.0108	-8.7097	2279	2282	13	41360	-103	-69
DISC90L2	78 216	2342	34.0235	-8.7038	2316	2321	13	41358	-111	-72
DISC90L2	78 216	2348	34.0235	-8.6982	2457	2462	13	41354	-121	-76
DISC90L2	78 216	2354	34.0360	-8.6923	2667	2672	13	41350	-131	-81

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 48	78 217	0 0	34.0487	-8.6867	2727	2732	13	41348	-139	-85
DISC90L2	78 217	0 6	34.0612	-8.6810	2927	2933	13	41344	-149	-90
DISC90L2	78 217	012	34.0738	-8.6752	3029	3036	13	41350	-149	-94
DISC90L2	78 217	018	34.0863	-8.6693	3138	3146	13	41358	-147	-98
DISC90L2	78 217	024	34.0990	-8.6637	3156	3164	13	41362	-149	-100
DISC90L2	78 217	030	34.1117	-8.6578	3171	3178	13	41366	-150	-102
DISC90L2	78 217	036	34.1240	-8.6520	3175	3184	13	41374	-148	-104
DISC90L2	78 217	042	34.1365	-8.6463	3175	3184	13	41380	-148	-104
DISC90L2	78 217	048	34.1492	-8.6402	3182	3191	13	41384	-150	-104
DISC90L2	78 217	054	34.1622	-8.6342	3187	3195	13	41390	-150	-103
DISC90L2	78 217	1 0	34.1755	-8.6280	3183	3191	13	41398	-148	-102
DISC90L2	78 217	1 6	34.1882	-8.6220	3192	3200	13	41408	-144	-101
DISC90L2	78 217	112	34.2012	-8.6158	3199	3208	13	41416	-143	-101
DISC90L2	78 217	118	34.2143	-8.6098	3207	3215	13	41422	-143	-100
DISC90L2	78 217	124	34.2273	-8.6037	3228	3237	13	41430	-141	-99
DISC90L2	78 217	130	34.2405	-8.5977	3253	3263	13	41440	-137	-98
DISC90L2	78 217	136	34.2535	-8.5917	3262	3272	13	41450	-133	-96
DISC90L2	78 217	142	34.2665	-8.5857	3263	3272	13	41456	-133	-94
DISC90L2	78 217	148	34.2795	-8.5797	3247	3255	13	41460	-135	-92
DISC90L2	78 217	154	34.2927	-8.5737	3231	3241	13	41470	-131	-88
DISC90L2	78 217	1 0	34.3057	-8.5677	3199	3208	13	41476	-132	-85
DISC90L2	78 217	1 6	34.3188	-8.5617	3172	3180	13	41484	-130	-81
DISC90L2	78 217	212	34.3318	-8.5557	3156	3164	13	41494	-126	-77
DISC90L2	78 217	218	34.3450	-8.5497	3107	3114	13	41504	-122	-74
DISC90L2	78 217	224	34.3580	-8.5438	3057	3065	13	41518	-114	-71
DISC90L2	78 217	230	34.3712	-8.5377	3052	3060	13	41532	-106	-70
DISC90L2	78 217	236	34.3842	-8.5318	3092	3100	13	41544	-100	-67
DISC90L2	78 217	242	34.3970	-8.5258	3147	3155	13	41552	-98	-65
DISC90L2	78 217	248	34.4100	-8.5198	3087	3094	13	41562	-95	-65
DISC90L2	78 217	254	34.4232	-8.5138	3050	3058	13	41572	-91	-61
DISC90L2	78 217	3 0	34.4360	-8.5078	3093	3100	13	41582	-87	-60
DISC90L2	78 217	3 6	34.4492	-8.5018	3062	3069	13	41594	-81	-59
DISC90L2	78 217	312	34.4622	-8.4958	3102	3109	13	41608	-73	-59
DISC90L2	78 217	318	34.4752	-8.4898	3165	3173	13	41620	-67	-59
DISC90L2	78 217	324	34.4883	-8.4838	3245	3253	13	41632	-61	-60
DISC90L2	78 217	330	34.5013	-8.4778	3316	3327	13	41646	-53	-59
DISC90L2	78 217	336	34.5142	-8.4720	3342	3352	13	41652	-53	-60
DISC90L2	78 217	342	34.5273	-8.4660	3363	3372	13	41660	-52	-60
DISC90L2	78 217	348	34.5403	-8.4598	3375	3385	13	41664	-54	-62
DISC90L2	78 217	354	34.5535	-8.4538	3375	3385	13	41672	-52	-62
DISC90L2	78 217	4 0	34.5665	-8.4478	3373	3383	13	41678	-52	-61
DISC90L2	78 217	4 6	34.5797	-8.4418	3367	3376	13	41680	-56	-62
DISC90L2	78 217	412	34.5927	-8.4358	3372	3381	13	41682	-60	-62
DISC90L2	78 217	418	34.6057	-8.4298	3382	3392	13	41680	-68	-62
DISC90L2	78 217	424	34.6187	-8.4238	3366	3376	13	41678	-76	-63
DISC90L2	78 217	430	34.6317	-8.4176	3346	3356	13	41668	-93	-64
DISC90L2	78 217	436	34.6448	-8.4117	3261	3270	13	41662	-105	-64
DISC90L2	78 217	442	34.6578	-8.4057	3162	3169	13	41654	-119	-64
DISC90L2	78 217	448	34.6710	-8.3995	3153	3162	13	41648	-131	-65
DISC90L2	78 217	454	34.6842	-8.3935	3233	3242	13	41648	-137	-65
DISC90L2	78 217	5 0	34.6972	-8.3875	3288	3297	13	41650	-141	-64
DISC90L2	78 217	5 6	34.7107	-8.3830	3142	3149	13	41656	-142	-64
DISC90L2	78 217	512	34.7240	-8.3852	3142	3149	13	41666	-138	-62
DISC90L2	78 217	518	34.7370	-8.3888	3038	3045	13	41672	-138	-58
DISC90L2	78 217	524	34.7503	-8.3927	3015	3021	13	41680	-136	-57
DISC90L2	78 217	530	34.7635	-8.3963	3002	3008	13	41690	-132	-56
DISC90L2	78 217	536	34.7768	-8.4002	3035	3043	13	41698	-130	-55
DISC90L2	78 217	542	34.7900	-8.4038	3087	3094	13	41708	-126	-55
DISC90L2	78 217	548	34.8033	-8.4075	3097	3105	13	41720	-120	-54
DISC90L2	78 217	554	34.8167	-8.4112	3119	3127	13	41730	-116	-51
DISC90L2	78 217	6 0	34.8298	-8.4148	3090	3098	13	41742	-110	-50
DISC90L2	78 217	6 6	34.8432	-8.4185	3043	3050	13	41752	-107	-48
DISC90L2	78 217	612	34.8563	-8.4223	3048	3054	13	41764	-101	-47
DISC90L2	78 217	618	34.8695	-8.4260	3027	3034	13	41772	-99	-46
DISC90L2	78 217	624	34.8828	-8.4297	3068	3076	13	41784	-93	-45
DISC90L2	78 217	630	34.8963	-8.4335	3149	3157	13	41794	-89	-45
DISC90L2	78 217	636	34.9097	-8.4373	3165	3173	13	41806	-83	-45
DISC90L2	78 217	642	34.9230	-8.4410	3162	3169	13	41814	-81	-43
DISC90L2	78 217	648	34.9363	-8.4448	3147	3155	13	41822	-79	-43
DISC90L2	78 217	654	34.9497	-8.4488	3145	3153	13	41830	-77	-43
DISC90L2	78 217	7 0	34.9627	-8.4528	3088	3094	13	41836	-77	-43
DISC90L2	78 217	7 6	34.9757	-8.4568	3058	3065	13	41840	-79	-43
DISC90L2	78 217	712	34.9888	-8.4608	2985	2992	13	41844	-81	-41
DISC90L2	78 217	718	35.0022	-8.4650	3066	3074	13	41846	-85	-42
DISC90L2	78 217	724	35.0155	-8.4692	3025	3032	13	41846	-91	-41
DISC90L2	78 217	730	35.0287	-8.4733	3023	3030	13	41848	-95	-42
DISC90L2	78 217	736	35.0420	-8.4777	3006	3012	13	41854	-96	-42
DISC90L2	78 217	742	35.0553	-8.4818	2896	2902	13	41858	-98	-42
DISC90L2	78 217	748	35.0687	-8.4862	2854	2860	13	41866	-96	-43
DISC90L2	78 217	754	35.0820	-8.4903	2765	2771	13	41872	-96	-43
DISC90L2	78 217	8 0	35.0953	-8.4947	2758	2763	13	41882	-92	-43
DISC90L2	78 217	8 6	35.1088	-8.4987	2758	2763	13	41892	-88	-43
DISC90L2	78 217	812	35.1220	-8.5023	2785	2791	13	41898	-88	-45
DISC90L2	78 217	818	35.1353	-8.5062	2851	2857	13	41906	-86	-46
DISC90L2	78 217	824	35.1487	-8.5098	2826	2831	13	41912	-86	-48
DISC90L2	78 217	830	35.1620	-8.5137	2940	2946	13	41920	-84	-48
DISC90L2	78 217	836	35.1752	-8.5175	2887	2893	13	41926	-84	-49
DISC90L2	78 217	842	35.1880	-8.5220	2946	2954	13	41930	-86	-49
DISC90L2	78 217	848	35.2010	-8.5265	2983	2990	13	41936	-86	-47
DISC90L2	78 217	854	35.2140	-8.5310	2931	2937	13	41940	-87	-47
DISC90L2	78 217	9 0	35.2270	-8.5355	2881	2886	13	41946	-87	-48
DISC90L2	78 217	9 6	35.2402	-8.5403	2826	2831	13	41952	-87	-46
DISC90L2	78 217	912	35.2535	-8.5453	2707	2712	13	41958	-87	-45

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 217	918	35.2668	-8.5502	2636	2641	13	41966	-85	-44
DISC90L2	78 217	924	35.2802	-8.5552	2660	2665	13	41972	-85	-44
DISC90L2	78 217	930	35.2933	-8.5600	2675	2681	13	41982	-81	-44
DISC90L2	78 217	936	35.3067	-8.5648	2651	2655	13	41988	-81	-44
DISC90L2	78 217	942	35.3200	-8.5698	2571	2575	13	41996	-79	-44
DISC90L2	78 217	948	35.3332	-8.5748	2510	2515	13	42002	-79	-44
DISC90L2	78 217	954	35.3467	-8.5797	2527	2531	13	42010	-77	-44
DISC90L2	78 217	10 0	35.3600	-8.5847	2549	2553	13	42014	-80	-45
DISC90L2	78 217	10 6	35.3732	-8.5897	2539	2544	13	42022	-77	-44
DISC90L2	78 217	1012	35.3858	-8.5948	2540	2544	13	42026	-79	-44
DISC90L2	78 217	1018	35.3987	-8.5998	2501	2505	13	42032	-79	-43
DISC90L2	78 217	1024	35.4115	-8.6050	2496	2500	13	42038	-79	-42
DISC90L2	78 217	1030	35.4242	-8.6100	2542	2546	13	42044	-79	-41
DISC90L2	78 217	1036	35.4368	-8.6150	2498	2502	13	42050	-78	-40
DISC90L2	78 217	1042	35.4495	-8.6200	2453	2456	13	42054	-80	-39
DISC90L2	78 217	1048	35.4622	-8.6252	2472	2476	13	42060	-80	-37
DISC90L2	78 217	1054	35.4748	-8.6302	2507	2511	13	42064	-81	-35
DISC90L2	78 217	11 0	35.4875	-8.6352	2532	2537	13	42068	-83	-32
DISC90L2	78 217	11 6	35.5000	-8.6402	2596	2601	13	42072	-85	-32
DISC90L2	78 217	1112	35.5127	-8.6452	2686	2690	13	42076	-87	-29
DISC90L2	78 217	1118	35.5253	-8.6502	2678	2683	13	42082	-86	-28
DISC90L2	78 217	1124	35.5380	-8.6555	2793	2798	13	42084	-90	-25
DISC90L2	78 217	1130	35.5508	-8.6605	2782	2787	13	42090	-90	-22
DISC90L2	78 217	1136	35.5635	-8.6653	2697	2701	13	42094	-92	-20
DISC90L2	78 217	1142	35.5762	-8.6703	2672	2677	13	42100	-91	-17
DISC90L2	78 217	1148	35.5890	-8.6755	2690	2694	13	42108	-89	-15
DISC90L2	78 217	1154	35.6020	-8.6808	2696	2701	13	42116	-87	-13
DISC90L2	78 217	12 0	35.6150	-8.6863	2700	2705	13	42124	-85	-11
DISC90L2	78 217	12 6	35.6282	-8.6918	2716	2721	13	42136	-79	-10
DISC90L2	78 217	1212	35.6412	-8.6973	2778	2783	13	42146	-75	-7
DISC90L2	78 217	1218	35.6543	-8.7028	2797	2804	13	42158	-69	-4
DISC90L2	78 217	1224	35.6660	-8.7108	2812	2818	13	42168	-64	-1
DISC90L2	78 217	1230	35.6728	-8.7235	2802	2807	13	42174	-61	2
DISC90L2	78 217	1236	35.6740	-8.7382	2820	2825	13	42180	-55	2
DISC90L2	78 217	1242	35.6738	-8.7542	2831	2836	13	42182	-53	2
DISC90L2	78 217	1248	35.6735	-8.7697	2853	2858	13	42180	-55	1
DISC90L2	78 217	1254	35.6733	-8.7853	2871	2877	13	42178	-56	1
DISC90L2	78 217	13 0	35.6730	-8.8007	2932	2939	13	42172	-62	0
DISC90L2	78 217	13 6	35.6728	-8.8163	2962	2968	13	42166	-68	-1
DISC90L2	78 217	1312	35.6727	-8.8322	3009	3016	13	42158	-76	-1
DISC90L2	78 217	1318	35.6725	-8.8478	3087	3094	13	42152	-81	0
DISC90L2	78 217	1324	35.6722	-8.8637	3122	3129	13	42144	-89	-1
DISC90L2	78 217	1330	35.6720	-8.8797	3122	3129	13	42140	-93	-1
DISC90L2	78 217	1336	35.6722	-8.8953	3156	3164	13	42138	-95	-2
DISC90L2	78 217	1342	35.6720	-8.9115	3192	3200	13	42136	-97	-3
DISC90L2	78 217	1348	35.6718	-8.9275	3228	3237	13	42134	-98	-3
DISC90L2	78 217	1354	35.6717	-8.9437	3239	3248	13	42134	-98	-4
DISC90L2	78 217	14 0	35.6715	-8.9597	3286	3295	13	42132	-100	-5
DISC90L2	78 217	14 6	35.6715	-8.9755	3302	3312	13	42128	-104	-5
DISC90L2	78 217	1412	35.6715	-8.9913	3314	3325	13	42126	-106	-6
DISC90L2	78 217	1418	35.6717	-9.0073	3343	3352	13	42126	-106	-7
DISC90L2	78 217	1424	35.6717	-9.0233	3378	3389	13	42124	-108	-7
DISC90L2	78 217	1430	35.6717	-9.0392	3387	3398	13	42122	-110	-7
DISC90L2	78 217	1436	35.6717	-9.0553	3430	3442	13	42124	-108	-9
DISC90L2	78 217	1442	35.6718	-9.0715	3457	3467	13	42120	-112	-9
DISC90L2	78 217	1448	35.6718	-9.0878	3508	3520	13	42118	-114	-11
DISC90L2	78 217	1454	35.6718	-9.1037	3537	3550	13	42116	-116	-12
DISC90L2	78 217	15 0	35.6720	-9.1200	3546	3559	13	42116	-116	-13
DISC90L2	78 217	15 6	35.6720	-9.1362	3542	3555	13	42114	-118	-15
DISC90L2	78 217	1512	35.6720	-9.1523	3538	3550	13	42116	-116	-15
DISC90L2	78 217	1518	35.6722	-9.1687	3577	3590	13	42116	-116	-15
DISC90L2	78 217	1524	35.6723	-9.1848	3579	3592	13	42118	-114	-17
DISC90L2	78 217	1530	35.6723	-9.2012	3652	3665	13	42120	-112	-19
DISC90L2	78 217	1536	35.6725	-9.2178	3713	3727	13	42122	-110	-19
DISC90L2	78 217	1542	35.6725	-9.2342	3704	3718	13	42124	-107	-19
DISC90L2	78 217	1548	35.6727	-9.2502	3731	3745	13	42128	-103	-20
DISC90L2	78 217	1554	35.6727	-9.2658	3750	3765	13	42130	-101	-20
DISC90L2	78 217	16 0	35.6728	-9.2817	3768	3784	13	42130	-101	-22
DISC90L2	78 217	16 6	35.6730	-9.2978	3774	3789	13	42132	-99	-21
DISC90L2	78 217	1612	35.6732	-9.3138	3799	3815	13	42134	-97	-22
DISC90L2	78 217	1618	35.6732	-9.3297	3823	3839	13	42136	-95	-23
DISC90L2	78 217	1624	35.6733	-9.3455	3813	3830	13	42138	-93	-24
DISC90L2	78 217	1630	35.6733	-9.3610	3827	3844	13	42140	-91	-25
DISC90L2	78 217	1636	35.6735	-9.3768	3834	3851	13	42142	-89	-24
DISC90L2	78 217	1642	35.6735	-9.3928	3862	3879	13	42142	-89	-24
DISC90L2	78 217	1648	35.6737	-9.4085	3902	3919	13	42138	-93	-26
DISC90L2	78 217	1654	35.6737	-9.4240	3917	3936	13	42132	-99	-26
DISC90L2	78 217	17 0	35.6740	-9.4395	3957	3976	13	42126	-105	-24
DISC90L2	78 217	17 6	35.6740	-9.4545	3973	3992	13	42120	-111	-25
DISC90L2	78 217	1712	35.6740	-9.4700	4002	4022	13	42114	-117	-26
DISC90L2	78 217	1718	35.6740	-9.4855	4044	4064	13	42108	-123	-28
DISC90L2	78 217	1724	35.6740	-9.5007	4107	4128	13	42104	-127	-29
DISC90L2	78 217	1730	35.6740	-9.5158	4137	4159	13	42098	-133	-28
DISC90L2	78 217	1736	35.6740	-9.5310	4157	4179	13	42096	-135	-30
DISC90L2	78 217	1742	35.6740	-9.5463	4225	4248	13	42092	-139	-32
DISC90L2	78 217	1748	35.6738	-9.5613	4259	4283	13	42090	-141	-31
DISC90L2	78 217	1754	35.6738	-9.5763	4289	4314	13	42092	-139	-33
DISC90L2	78 217	18 0	35.6738	-9.5917	4289	4314	13	42094	-137	-34
DISC90L2	78 217	18 6	35.6737	-9.6070	4298	4323	13	42096	-134	-36
DISC90L2	78 217	1812	35.6737	-9.6220	4304	4329	13	42102	-128	-34
DISC90L2	78 217	1818	35.6737	-9.6372	4312	4338	13	42104	-126	-35
DISC90L2	78 217	1824	35.6737	-9.6525	4315	4342	13	42114	-116	-32
DISC90L2	78 217	1830	35.6737	-9.6673	4318	4343	13	42120	-110	-35

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 48	78 217	1836	35.6737	-9.6823	4317	4343	13	42126	-104	-36
DISC90L2	78 217	1842	35.6738	-9.6973	4317	4343	13	42134	-96	-36
DISC90L2	78 217	1848	35.6740	-9.7123	4321	4347	13	42136	-94	-38
DISC90L2	78 217	1854	35.6742	-9.7277	4321	4347	13	42140	-90	-37
DISC90L2	78 217	19 0	35.6742	-9.7430	4317	4343	13	42144	-86	-38
DISC90L2	78 217	19 6	35.6743	-9.7582	4313	4340	13	42144	-86	-38
DISC90L2	78 217	1912	35.6745	-9.7735	4312	4338	13	42146	-84	-38
DISC90L2	78 217	1918	35.6747	-9.7892	4317	4343	13	42144	-86	-36
DISC90L2	78 217	1924	35.6748	-9.8047	4326	4351	13	42138	-92	-37
DISC90L2	78 217	1930	35.6750	-9.8205	4341	4367	13	42138	-92	-36
DISC90L2	78 217	1936	35.6752	-9.8362	4353	4380	13	42134	-96	-37
DISC90L2	78 217	1942	35.6753	-9.8520	4365	4391	13	42128	-102	-37
DISC90L2	78 217	1948	35.6755	-9.8677	4378	4406	13	42126	-104	-35
DISC90L2	78 217	1954	35.6757	-9.8835	4390	4418	13	42124	-106	-35
DISC90L2	78 217	20 0	35.6760	-9.8990	4382	4409	13	42122	-108	-35
DISC90L2	78 217	20 6	35.6762	-9.9145	4380	4407	13	42120	-110	-35
DISC90L2	78 217	2012	35.6763	-9.9298	4358	4385	13	42122	-108	-34
DISC90L2	78 217	2018	35.6767	-9.9453	4357	4384	13	42124	-106	-33
DISC90L2	78 217	2024	35.6766	-9.9608	4342	4369	13			
DISC90L2	78 217	2030	35.6772	-9.9763	4385	4413	13			
DISC90L2	78 217	2036	35.6773	-9.9915	4382	4409	13	42136	-94	-30
DISC90L2	78 217	2042	35.6777	-10.0068	4387	4415	13	42140	-91	-28
DISC90L2	78 217	2048	35.6778	-10.0225	4387	4415	13	42148	-83	-27
DISC90L2	78 217	2054	35.6780	-10.0378	4392	4420	13	42154	-77	-26
DISC90L2	78 217	21 0	35.6782	-10.0532	4387	4415	13	42162	-69	-24
DISC90L2	78 217	21 6	35.6747	-10.0660	4372	4398	13	42168	-62	-21
DISC90L2	78 217	2112	35.6623	-10.0687	4323	4349	13	42164	-60	-11
DISC90L2	78 217	2118	35.6492	-10.0687	4292	4316	13	42158	-60	-6
DISC90L2	78 217	2124	35.6362	-10.0685	4244	4268	13	42150	-62	1
DISC90L2	78 217	2130	35.6230	-10.0683	4045	4065	13	42148	-58	8
DISC90L2	78 217	2136	35.6098	-10.0682	3987	4007	13	42144	-56	14
DISC90L2	78 217	2142	35.5965	-10.0678	3942	3959	13	42142	-52	19
DISC90L2	78 217	2148	35.5833	-10.0677	3887	3904	13	42144	-44	24
DISC90L2	78 217	2154	35.5692	-10.0670	3927	3945	13	42150	-31	28
DISC90L2	78 217	22 0	35.5553	-10.0665	3909	3926	13	42158	-17	31
DISC90L2	78 217	22 6	35.5415	-10.0662	3918	3936	13	42162	-6	33
DISC90L2	78 217	2212	35.5275	-10.0658	3928	3947	13	42160	-2	35
DISC90L2	78 217	2218	35.5135	-10.0655	3888	3904	13	42148	-7	36
DISC90L2	78 217	2224	35.4997	-10.0652	3867	3884	13	42132	-17	36
DISC90L2	78 217	2230	35.4857	-10.0648	3868	3884	13	42114	-29	37
DISC90L2	78 217	2236	35.4715	-10.0645	3872	3890	13	42094	-42	38
DISC90L2	78 217	2242	35.4577	-10.0642	3877	3895	13	42076	-54	39
DISC90L2	78 217	2248	35.4438	-10.0637	3886	3903	13	42066	-57	39
DISC90L2	78 217	2254	35.4302	-10.0633	3877	3895	13	42066	-51	41
DISC90L2	78 217	23 0	35.4163	-10.0628	3810	3826	13	42070	-40	41
DISC90L2	78 217	23 6	35.4027	-10.0625	3730	3745	13	42078	-26	44
DISC90L2	78 217	2312	35.3892	-10.0622	3709	3723	13	42086	-12	45
DISC90L2	78 217	2318	35.3758	-10.0607	3676	3691	13	42088	-4	45
DISC90L2	78 217	2324	35.3645	-10.0523	3663	3678	13	42082	-4	48
DISC90L2	78 217	2330	35.3600	-10.0372	3652	3665	13	42068	-16	48
DISC90L2	78 217	2336	35.3605	-10.0203	3597	3610	13	42058	-27	50
DISC90L2	78 217	2342	35.3612	-10.0042	3588	3601	13	42052	-33	52
DISC90L2	78 217	2348	35.3618	-9.9882	3545	3557	13	42048	-38	54
DISC90L2	78 217	2354	35.3625	-9.9720	3502	3513	13	42044	-42	56
DISC90L2 49	78 218	0 0	35.3632	-9.9560	3472	3484	13	42042	-44	57
DISC90L2	78 218	0 6	35.3637	-9.9397	3442	3453	13	42040	-47	60
DISC90L2	78 218	012	35.3643	-9.9237	3413	3424	13	42040	-47	60
DISC90L2	78 218	018	35.3650	-9.9075	3396	3407	13	42040	-47	62
DISC90L2	78 218	024	35.3655	-9.8913	3365	3374	13	42038	-50	64
DISC90L2	78 218	030	35.3662	-9.8752	3337	3347	13	42038	-50	65
DISC90L2	78 218	036	35.3667	-9.8588	3292	3301	13	42030	-58	66
DISC90L2	78 218	042	35.3673	-9.8425	3266	3275	13	42026	-63	68
DISC90L2	78 218	048	35.3678	-9.8263	3233	3242	13	42022	-67	70
DISC90L2	78 218	054	35.3685	-9.8102	3202	3210	13	42022	-67	71
DISC90L2	78 218	1 0	35.3690	-9.7942	3191	3200	13	42018	-72	71
DISC90L2	78 218	1 6	35.3697	-9.7780	3164	3171	13	42018	-72	71
DISC90L2	78 218	112	35.3705	-9.7618	3127	3135	13	42016	-75	72
DISC90L2	78 218	118	35.3715	-9.7458	3137	3146	13	42018	-73	72
DISC90L2	78 218	124	35.3715	-9.7300	3125	3133	13	42020	-71	72
DISC90L2	78 218	130	35.3717	-9.7135	3110	3118	13	42022	-69	70
DISC90L2	78 218	136	35.3715	-9.6973	3140	3147	13	42026	-65	68
DISC90L2	78 218	142	35.3715	-9.6808	3216	3224	13	42032	-59	65
DISC90L2	78 218	148	35.3715	-9.6645	3291	3301	13	42038	-53	63
DISC90L2	78 218	154	35.3715	-9.6480	3311	3321	13	42042	-50	60
DISC90L2	78 218	2 0	35.3715	-9.6317	3352	3363	13	42046	-46	55
DISC90L2	78 218	2 6	35.3713	-9.6152	3402	3413	13	42046	-46	52
DISC90L2	78 218	212	35.3712	-9.5988	3399	3411	13	42044	-48	48
DISC90L2	78 218	218	35.3708	-9.5823	3474	3486	13	42044	-47	45
DISC90L2	78 218	224	35.3705	-9.5660	3491	3502	13	42042	-49	41
DISC90L2	78 218	230	35.3703	-9.5495	3554	3566	13	42040	-51	37
DISC90L2	78 218	236	35.3700	-9.5332	3617	3630	13	42038	-53	32
DISC90L2	78 218	242	35.3697	-9.5167	3637	3650	13	42042	-49	30
DISC90L2	78 218	248	35.3695	-9.5003	3667	3681	13	42042	-49	26
DISC90L2	78 218	254	35.3692	-9.4837	3662	3676	13	42044	-47	24
DISC90L2	78 218	3 0	35.3690	-9.4672	3652	3665	13	42046	-45	23
DISC90L2	78 218	3 6	35.3687	-9.4507	3663	3678	13	42046	-45	20
DISC90L2	78 218	312	35.3683	-9.4342	3562	3573	13	42046	-45	18
DISC90L2	78 218	318	35.3682	-9.4177	3482	3493	13	42050	-41	17
DISC90L2	78 218	324	35.3678	-9.4012	3464	3475	13	42048	-43	15
DISC90L2	78 218	330	35.3675	-9.3847	3471	3482	13	42046	-45	14
DISC90L2	78 218	336	35.3673	-9.3683	3462	3473	13	42042	-49	11
DISC90L2	78 218	342	35.3672	-9.3520	3442	3453	13	42038	-53	9
DISC90L2	78 218	348	35.3668	-9.3357	3446	3456	13	42030	-61	7

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 218	354	35.3667	-9.3193	3439	3451	13	42022	-69	4
DISC90L2	78 218	4 0	35.3665	-9.3030	3428	3440	13	42014	-77	2
DISC90L2	78 218	4 6	35.3662	-9.2868	3417	3427	13	42008	-83	0
DISC90L2	78 218	412	35.3653	-9.2705	3484	3495	13	42004	-86	-1
DISC90L2	78 218	418	35.3648	-9.2536	3490	3502	13	42000	-90	-3
DISC90L2	78 218	424	35.3643	-9.2373	3439	3451	13	42000	-90	-5
DISC90L2	78 218	430	35.3638	-9.2207	3429	3440	13	41996	-94	-7
DISC90L2	78 218	436	35.3633	-9.2040	3392	3403	13	41996	-94	-7
DISC90L2	78 218	442	35.3628	-9.1875	3363	3372	13	41994	-95	-8
DISC90L2	78 218	448	35.3623	-9.1710	3340	3350	13	41994	-95	-9
DISC90L2	78 218	454	35.3618	-9.1543	3330	3339	13	41990	-99	-10
DISC90L2	78 218	5 0	35.3615	-9.1378	3307	3317	13	41990	-99	-12
DISC90L2	78 218	5 6	35.3612	-9.1215	3317	3327	13	41990	-99	-13
DISC90L2	78 218	512	35.3610	-9.1050	3322	3332	13	41990	-99	-14
DISC90L2	78 218	518	35.3608	-9.0888	3246	3255	13	41988	-101	-15
DISC90L2	78 218	524	35.3607	-9.0727	3194	3202	13	41988	-101	-16
DISC90L2	78 218	530	35.3605	-9.0563	3157	3166	13	41990	-99	-16
DISC90L2	78 218	536	35.3603	-9.0402	3151	3160	13	41990	-99	-18
DISC90L2	78 218	542	35.3602	-9.0240	3147	3155	13	41988	-101	-20
DISC90L2	78 218	548	35.3600	-9.0077	3155	3164	13	41988	-101	-21
DISC90L2	78 218	554	35.3593	-8.9913	3125	3133	13	41986	-103	-21
DISC90L2	78 218	6 0	35.3597	-8.9747	3087	3094	13	41984	-105	-22
DISC90L2	78 218	6 6	35.3598	-8.9580	3071	3078	13	41984	-106	-24
DISC90L2	78 218	612	35.3600	-8.9413	3014	3021	13	41982	-108	-25
DISC90L2	78 218	618	35.3603	-8.9247	2986	2994	13	41982	-108	-27
DISC90L2	78 218	624	35.3605	-8.9080	3027	3034	13	41984	-107	-28
DISC90L2	78 218	630	35.3607	-8.8912	3017	3023	13	41984	-107	-28
DISC90L2	78 218	636	35.3575	-8.8755	2975	2981	13	41986	-103	-29
DISC90L2	78 218	642	35.3493	-8.8625	2932	2939	13	41986	-100	-29
DISC90L2	78 218	648	35.3380	-8.8548	2894	2900	13	41984	-97	-32
DISC90L2	78 218	654	35.3250	-8.8510	2892	2899	13	41980	-95	-33
DISC90L2	78 218	7 0	35.3115	-8.8470	2952	2959	13	41976	-93	-33
DISC90L2	78 218	7 6	35.2995	-8.8430	2968	2974	13	41972	-91	-33
DISC90L2	78 218	712	35.2867	-8.8388	2983	2990	13	41968	-90	-34
DISC90L2	78 218	718	35.2737	-8.8347	2979	2986	13	41968	-84	-34
DISC90L2	78 218	724	35.2607	-8.8305	2978	2985	13	41964	-82	-35
DISC90L2	78 218	730	35.2477	-8.8263	3071	3078	13	41962	-78	-35
DISC90L2	78 218	736	35.2345	-8.8222	3129	3136	13	41958	-76	-37
DISC90L2	78 218	742	35.2217	-8.8180	3125	3131	13	41954	-74	-37
DISC90L2	78 218	748	35.2087	-8.8138	3147	3155	13	41948	-74	-40
DISC90L2	78 218	754	35.1957	-8.8097	3163	3171	13	41944	-72	-40
DISC90L2	78 218	8 0	35.1828	-8.8057	3147	3155	13	41936	-75	-42
DISC90L2	78 218	8 6	35.1698	-8.8015	3175	3184	13	41932	-73	-44
DISC90L2	78 218	812	35.1568	-8.7973	3117	3125	13	41924	-75	-44
DISC90L2	78 218	818	35.1438	-8.7933	3111	3120	13	41918	-75	-44
DISC90L2	78 218	824	35.1310	-8.7893	3082	3089	13	41912	-75	-44
DISC90L2	78 218	830	35.1180	-8.7883	3103	3111	13	41908	-73	-44
DISC90L2	78 218	836	35.1057	-8.7925	3246	3255	13	41904	-71	-44
DISC90L2	78 218	842	35.0965	-8.8025	3279	3288	13	41898	-73	-44
DISC90L2	78 218	848	35.0960	-8.8180	3276	3286	13	41896	-75	-44
DISC90L2	78 218	854	35.0965	-8.8340	3281	3290	13	41896	-75	-44
DISC90L2	78 218	9 0	35.0972	-8.8505	3337	3347	13	41898	-73	-44
DISC90L2	78 218	9 6	35.0978	-8.8673	3333	3343	13	41896	-75	-45
DISC90L2	78 218	912	35.0982	-8.8842	3344	3354	13	41892	-79	-44
DISC90L2	78 218	918	35.0987	-8.9007	3357	3367	13	41892	-79	-44
DISC90L2	78 218	924	35.0990	-8.9168	3383	3394	13	41890	-81	-44
DISC90L2	78 218	930	35.0993	-8.9330	3397	3407	13	41886	-85	-43
DISC90L2	78 218	936	35.0998	-8.9492	3406	3416	13	41884	-87	-43
DISC90L2	78 218	942	35.1002	-8.9655	3444	3455	13	41884	-87	-42
DISC90L2	78 218	948	35.1007	-8.9818	3475	3488	13	41882	-89	-42
DISC90L2	78 218	954	35.1012	-8.9982	3456	3467	13	41882	-89	-41
DISC90L2	76 218	10 0	35.1013	-9.0147	3487	3498	13	41884	-88	-41
DISC90L2	78 218	10 6	35.1013	-9.0312	3528	3541	13	41884	-86	-40
DISC90L2	78 218	1012	35.1013	-9.0475	3567	3579	13	41886	-84	-39
DISC90L2	78 218	1018	35.1013	-9.0642	3643	3656	13	41886	-84	-37
DISC90L2	78 218	1024	35.1012	-9.0805	3638	3652	13	41886	-84	-37
DISC90L2	78 218	1030	35.1012	-9.0970	3622	3636	13	41886	-84	-36
DISC90L2	78 218	1036	35.1012	-9.1137	3617	3630	13	41886	-84	-35
DISC90L2	78 218	1042	35.1010	-9.1303	3616	3628	13	41886	-83	-33
DISC90L2	78 218	1048	35.1010	-9.1465	3625	3639	13	41886	-83	-31
DISC90L2	78 218	1054	35.1010	-9.1627	3665	3680	13	41888	-81	-30
DISC90L2	78 218	11 0	35.1008	-9.1793	3671	3685	13	41888	-81	-29
DISC90L2	78 218	11 6	35.1007	-9.1960	3708	3723	13	41890	-79	-28
DISC90L2	78 218	1112	35.1005	-9.2128	3727	3742	13	41890	-79	-28
DISC90L2	78 218	1118	35.1005	-9.2293	3729	3744	13	41890	-79	-25
DISC90L2	78 218	1124	35.1003	-9.2463	3739	3755	13	41892	-77	-25
DISC90L2	78 218	1130	35.1002	-9.2632	3742	3756	13	41892	-77	-22
DISC90L2	78 218	1136	35.1002	-9.2798	3739	3755	13	41892	-76	-21
DISC90L2	78 218	1142	35.1000	-9.2962	3742	3756	13	41892	-76	-19
DISC90L2	78 218	1148	35.0998	-9.3130	3764	3778	13	41892	-76	-16
DISC90L2	78 218	1154	35.0998	-9.3297	3784	3800	13	41892	-76	-16
DISC90L2	78 218	12 0	35.0997	-9.3455	3804	3820	13	41894	-74	-15
DISC90L2	78 218	12 6	35.0995	-9.3617	3826	3842	13	41896	-72	-14
DISC90L2	78 218	1212	35.0995	-9.3782	3848	3864	13	41898	-70	-12
DISC90L2	78 218	1218	35.0993	-9.3945	3897	3914	13	41900	-68	-13
DISC90L2	78 218	1224	35.0992	-9.4110	3945	3963	13	41900	-67	-12
DISC90L2	78 218	1230	35.0992	-9.4273	4027	4047	13	41902	-65	-12
DISC90L2	78 218	1236	35.0993	-9.4438	4116	4139	13	41906	-61	-11
DISC90L2	78 218	1242	35.0997	-9.4597	4152	4175	13	41906	-61	-9
DISC90L2	78 218	1248	35.1000	-9.4753	4180	4203	13	41904	-64	-9
DISC90L2	78 218	1254	35.1003	-9.4917	4187	4210	13	41900	-68	-9
DISC90L2	78 218	13 0	35.1007	-9.5078	4202	4225	13	41898	-70	-9
DISC90L2	78 218	13 6	35.1008	-9.5207	4211	4234	13	41896	-72	-7

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 49	78 218	1312	35.1012	-9.0300	4210	4234	13	41892	-76	-9
DISC90L2	78 218	1318	35.1015	-9.0397	4215	4239	13	41892	-76	-7
DISC90L2	78 218	1324	35.1018	-9.0502	4217	4241	13	41892	-76	-6
DISC90L2	78 218	1330	35.1022	-9.0607	4222	4246	13	41888	-80	-6
DISC90L2	78 218	1336	35.1025	-9.0710	4227	4250	13	41886	-82	-6
DISC90L2	78 218	1342	35.1030	-9.0802	4228	4252	13	41884	-84	-6
DISC90L2	78 218	1348	35.1033	-9.0895	4230	4254	13	41882	-87	-5
DISC90L2	78 218	1354	35.1037	-9.0992	4232	4256	13	41884	-85	-5
DISC90L2	78 218	14 0	35.1040	-9.1090	4232	4256	13	41884	-85	-5
DISC90L2	78 218	14 6	35.1043	-9.1188	4232	4255	13	41884	-85	-5
DISC90L2	78 218	1412	35.1046	-9.1288	4232	4256	13	41884	-85	-5
DISC90L2	78 218	1418	35.1052	-9.1388	4232	4256	13	41886	-83	-4
DISC90L2	78 218	1424	35.1055	-9.1492	4232	4256	13	41888	-81	-4
DISC90L2	78 218	1430	35.1058	-9.1592	4232	4256	13	41892	-77	-4
DISC90L2	78 218	1436	35.1063	-9.1685	4232	4256	13	41894	-76	-4
DISC90L2	78 218	1442	35.1068	-9.1782	4232	4256	13	41898	-72	-4
DISC90L2	78 218	1448	35.1073	-9.1880	4232	4256	13	41900	-70	-4
DISC90L2	78 218	1454	35.1078	-9.1977	4232	4256	13	41902	-68	-3
DISC90L2	78 218	15 0	35.1083	-9.2075	4233	4256	13	41902	-68	-3
DISC90L2	78 218	15 6	35.1088	-9.2172	4233	4256	13	41904	-67	-3
DISC90L2	78 218	1512	35.1093	-9.2275	4233	4256	13	41908	-63	-4
DISC90L2	78 218	1518	35.1098	-9.2379	4233	4256	13	41908	-63	-4
DISC90L2	78 218	1524	35.1103	-9.2510	4233	4257	13	41912	-59	-4
DISC90L2	78 218	1530	35.1108	-9.2652	4233	4257	13	41914	-57	-4
DISC90L2	78 218	1536	35.1115	-9.2797	4233	4257	13	41914	-58	-2
DISC90L2	78 218	1542	35.1122	-9.2953	4234	4257	13	41916	-56	-3
DISC90L2	78 218	1548	35.1128	-9.3112	4235	4259	13	41916	-56	-2
DISC90L2	78 218	1554	35.1135	-9.3268	4235	4259	13	41916	-56	-1
DISC90L2	78 218	16 0	35.1140	-9.3428	4234	4257	13	41914	-58	-1
DISC90L2	78 218	16 6	35.1145	-9.3583	4232	4256	13	41912	-61	2
DISC90L2	78 218	1612	35.1148	-9.3740	4230	4254	13	41910	-63	2
DISC90L2	78 218	1618	35.1150	-9.3897	4228	4252	13	41910	-63	4
DISC90L2	78 218	1624	35.1087	-9.9035	4229	4254	13	41910	-60	3
DISC90L2	78 218	1630	35.0985	-9.9127	4232	4256	13	41908	-57	2
DISC90L2	78 218	1636	35.0847	-9.9147	4232	4256	13	41906	-53	3
DISC90L2	78 218	1642	35.0715	-9.9090	4232	4256	13	41900	-53	3
DISC90L2	78 218	1648	35.0613	-9.8970	4233	4257	13	41896	-52	2
DISC90L2	78 218	1654	35.0520	-9.8842	4234	4257	13	41898	-46	3
DISC90L2	78 218	17 0	35.0427	-9.8713	4235	4259	13	41900	-40	4
DISC90L2	78 218	17 6	35.0333	-9.8583	4235	4259	13	41900	-35	5
DISC90L2	78 218	1712	35.0245	-9.8452	4234	4257	13	41898	-33	5
DISC90L2	78 218	1718	35.0155	-9.8322	4232	4256	13	41896	-31	6
DISC90L2	78 218	1724	35.0067	-9.8193	4230	4254	13	41890	-33	7
DISC90L2	78 218	1730	34.9977	-9.8063	4230	4254	13	41884	-34	9
DISC90L2	78 218	1736	34.9888	-9.7933	4229	4254	13	41876	-38	8
DISC90L2	78 218	1742	34.9800	-9.7803	4229	4254	13	41868	-42	9
DISC90L2	78 218	1748	34.9712	-9.7675	4220	4243	13	41860	-46	9
DISC90L2	78 218	1754	34.9622	-9.7542	4229	4254	13	41852	-50	8
DISC90L2	78 218	18 0	34.9532	-9.7410	4232	4256	13	41848	-50	7
DISC90L2	78 218	18 6	34.9442	-9.7278	4228	4252	13	41842	-52	7
DISC90L2	78 218	1812	34.9352	-9.7147	4222	4246	13	41834	-56	7
DISC90L2	78 218	1818	34.9258	-9.7015	4185	4204	13	41834	-51	6
DISC90L2	78 218	1824	34.9167	-9.6883	4179	4201	13	41832	-49	6
DISC90L2	78 218	1830	34.9075	-9.6755	4215	4239	13	41834	-43	6
DISC90L2	78 218	1836	34.8982	-9.6625	4218	4241	13	41834	-39	6
DISC90L2	78 218	1842	34.8888	-9.6492	4218	4241	13	41832	-37	7
DISC90L2	78 218	1848	34.8793	-9.6360	4218	4241	13	41830	-34	8
DISC90L2	78 218	1854	34.8700	-9.6230	4218	4241	13	41828	-32	9
DISC90L2	78 218	19 0	34.8608	-9.6100	4218	4241	13	41822	-34	10
DISC90L2	78 218	19 6	34.8517	-9.5967	4219	4243	13	41816	-36	11
DISC90L2	78 218	1912	34.8425	-9.5835	4217	4241	13	41810	-37	12
DISC90L2	78 218	1918	34.8333	-9.5703	4226	4250	13	41806	-37	13
DISC90L2	78 218	1924	34.8242	-9.5572	4210	4234	13	41798	-41	14
DISC90L2	78 218	1930	34.8150	-9.5447	4197	4221	13	41792	-43	18
DISC90L2	78 218	1936	34.8090	-9.5302	4157	4179	13	41786	-46	16
DISC90L2	78 218	1942	34.8082	-9.5137	4117	4139	13	41784	-48	17
DISC90L2	78 218	1948	34.8082	-9.4975	4072	4093	13	41780	-52	17
DISC90L2	78 218	1954	34.8078	-9.4806	4142	4164	13	41782	-50	18
DISC90L2	78 218	20 0	34.8077	-9.4643	4215	4239	13	41780	-52	18
DISC90L2	78 218	20 6	34.8077	-9.4478	4186	4208	13	41782	-50	18
DISC90L2	78 218	2012	34.8077	-9.4313	4125	4146	13	41784	-48	19
DISC90L2	78 218	2018	34.8077	-9.4150	4152	4175	13	41786	-46	19
DISC90L2	78 218	2024	34.8077	-9.3983	4179	4201	13	41786	-47	19
DISC90L2	78 218	2030	34.8077	-9.3818	4164	4186	13	41786	-47	21
DISC90L2	78 218	2036	34.8077	-9.3655	4122	4142	13	41788	-45	22
DISC90L2	78 218	2042	34.8077	-9.3490	4054	4075	13	41790	-43	24
DISC90L2	78 218	2048	34.8075	-9.3327	4021	4040	13	41792	-41	26
DISC90L2	78 218	2054	34.8073	-9.3162	3995	4014	13	41794	-39	28
DISC90L2	78 218	21 0	34.8073	-9.2998	3984	4003	13	41796	-37	30
DISC90L2	78 218	21 6	34.8073	-9.2835	4012	4031	13	41794	-39	32
DISC90L2	78 218	2112	34.8073	-9.2672	4004	4023	13	41794	-39	34
DISC90L2	78 218	2118	34.8073	-9.2508	3972	3990	13	41792	-41	35
DISC90L2	78 218	2124	34.8072	-9.2345	3777	3793	13	41792	-42	36
DISC90L2	78 218	2130	34.8072	-9.2178	3788	3804	13	41790	-44	38
DISC90L2	78 218	2136	34.8070	-9.2015	3842	3859	13	41790	-44	39
DISC90L2	78 218	2142	34.8068	-9.1850	3812	3828	13	41788	-46	41
DISC90L2	78 218	2148	34.8068	-9.1685	3911	3928	13	41790	-44	41
DISC90L2	78 218	2154	34.8067	-9.1522	3906	3925	13	41788	-46	41
DISC90L2	78 218	22 0	34.8067	-9.1357	3848	3864	13	41790	-44	41
DISC90L2	78 218	22 6	34.8067	-9.1193	3770	3786	13	41788	-46	40
DISC90L2	78 218	5218	34.8065	-9.1028	3737	3753	13	41788	-46	40
DISC90L2	78 218	5218	34.8065	-9.0865	3716	3731	13	41788	-46	38
DISC90L2	78 218	2224	34.8065	-9.0700	3712	3727	13	41788	-46	38

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 218	2230	34.8063	-9.0537	3698	3712	13	41786	-48	-36
DISC90L2	78 218	2236	34.8063	-9.0373	3702	3716	13	41782	-53	-35
DISC90L2	78 218	2242	34.8063	-9.0208	3682	3696	13	41788	-47	-33
DISC90L2	78 218	2248	34.8063	-9.0043	3653	3667	13	41792	-43	-32
DISC90L2	78 218	2254	34.8063	-8.9880	3636	3650	13	41794	-40	-32
DISC90L2	78 218	23 0	34.8065	-8.9717	3625	3639	13	41796	-38	-30
DISC90L2	78 218	23 6	34.8065	-8.9552	3612	3625	13	41798	-37	-31
DISC90L2	78 218	2312	34.8065	-8.9388	3572	3584	13	41800	-35	-31
DISC90L2	78 218	2318	34.8067	-8.9223	3552	3564	13	41802	-33	-30
DISC90L2	78 218	2324	34.8068	-8.9060	3542	3555	13	41802	-33	-31
DISC90L2	78 218	2330	34.8068	-8.8895	3492	3504	13	41800	-36	-31
DISC90L2	78 218	2336	34.8070	-8.8732	3436	3447	13	41798	-38	-32
DISC90L2	78 218	2342	34.8070	-8.8567	3414	3425	13	41796	-40	-33
DISC90L2	78 218	2348	34.8072	-8.8402	3468	3480	13	41798	-38	-33
DISC90L2	78 218	2354	34.8073	-8.8238	3590	3603	13	41800	-37	-35
DISC90L2 50	78 219	0 0	34.8073	-8.8075	3498	3509	13	41802	-35	-35
DISC90L2	78 219	0 6	34.8053	-8.7918	3510	3522	13	41806	-30	-34
DISC90L2	78 219	012	34.7973	-8.7803	3503	3515	13	41808	-25	-35
DISC90L2	78 219	018	34.7872	-8.7740	3457	3467	13	41802	-26	-38
DISC90L2	78 219	024	34.7747	-8.7737	3446	3456	13	41790	-32	-38
DISC90L2	78 219	030	34.7613	-8.7737	3445	3456	13	41776	-40	-39
DISC90L2	78 219	036	34.7482	-8.7738	3448	3458	13	41762	-48	-40
DISC90L2	78 219	042	34.7348	-8.7742	3462	3473	13	41748	-56	-41
DISC90L2	78 219	048	34.7217	-8.7745	3422	3433	13	41732	-66	-41
DISC90L2	78 219	054	34.7083	-8.7747	3410	3420	13	41720	-71	-43
DISC90L2	78 219	1 0	34.6950	-8.7752	3417	3427	13	41708	-77	-44
DISC90L2	78 219	1 6	34.6822	-8.7755	3443	3453	13	41696	-83	-45
DISC90L2	78 219	112	34.6690	-8.7760	3468	3480	13	41684	-89	-47
DISC90L2	78 219	118	34.6557	-8.7763	3547	3559	13	41672	-95	-48
DISC90L2	78 219	124	34.6425	-8.7768	3610	3623	13	41660	-101	-49
DISC90L2	78 219	130	34.6293	-8.7772	3712	3727	13	41648	-107	-50
DISC90L2	78 219	136	34.6163	-8.7775	3795	3811	13	41636	-113	-51
DISC90L2	78 219	142	34.6033	-8.7775	3798	3815	13	41628	-115	-51
DISC90L2	78 219	148	34.5898	-8.7775	3792	3808	13	41620	-117	-52
DISC90L2	78 219	154	34.5763	-8.7777	3785	3800	13	41616	-114	-54
DISC90L2	78 219	2 0	34.5628	-8.7778	3781	3797	13	41614	-110	-54
DISC90L2	78 219	2 6	34.5493	-8.7778	3772	3787	13	41614	-104	-56
DISC90L2	78 219	212	34.5360	-8.7780	3758	3773	13	41610	-102	-60
DISC90L2	78 219	218	34.5228	-8.7782	3750	3765	13	41604	-101	-62
DISC90L2	78 219	224	34.5100	-8.7763	3738	3753	13	41598	-102	-64
DISC90L2	78 219	230	34.4990	-8.7677	3722	3736	13	41588	-107	-65
DISC90L2	78 219	236	34.4925	-8.7530	3689	3703	13	41580	-112	-67
DISC90L2	78 219	242	34.4917	-8.7368	3672	3687	13	41580	-112	-68
DISC90L2	78 219	248	34.4918	-8.7207	3660	3674	13	41586	-106	-68
DISC90L2	78 219	254	34.4922	-8.7048	3647	3659	13	41594	-98	-68
DISC90L2	78 219	3 0	34.4925	-8.6890	3643	3656	13	41602	-91	-67
DISC90L2	78 219	3 6	34.4928	-8.6730	3644	3658	13	41612	-81	-66
DISC90L2	78 219	312	34.4932	-8.6568	3516	3528	13	41620	-73	-65
DISC90L2	78 219	318	34.4937	-8.6403	3452	3464	13	41630	-64	-64
DISC90L2	78 219	324	34.4942	-8.6240	3443	3453	13	41636	-58	-64
DISC90L2	78 219	330	34.4945	-8.6077	3452	3464	13	41642	-53	-63
DISC90L2	78 219	336	34.4950	-8.5915	3506	3519	13	41650	-45	-62
DISC90L2	78 219	342	34.4953	-8.5753	3367	3376	13	41652	-43	-61
DISC90L2	78 219	348	34.4957	-8.5592	3287	3295	13	41652	-44	-60
DISC90L2	78 219	354	34.4962	-8.5430	3304	3314	13	41650	-46	-60
DISC90L2	78 219	4 0	34.4965	-8.5268	3283	3292	13	41646	-51	-59
DISC90L2	78 219	4 6	34.4970	-8.5107	3299	3308	13	41646	-51	-58
DISC90L2	78 219	412	34.4973	-8.4945	3307	3317	13	41642	-55	-57
DISC90L2	78 219	418	34.4977	-8.4785	3302	3312	13	41640	-58	-58
DISC90L2	78 219	424	34.4980	-8.4623	3276	3286	13	41638	-60	-57
DISC90L2	78 219	430	34.4985	-8.4462	3162	3169	13	41636	-63	-57
DISC90L2	78 219	436	34.4988	-8.4300	3142	3149	13	41640	-59	-57
DISC90L2	78 219	442	34.4993	-8.4138	3176	3184	13	41640	-59	-57
DISC90L2	78 219	448	34.4997	-8.3978	3213	3222	13	41644	-56	-58
DISC90L2	78 219	454	34.5000	-8.3818	3161	3169	13	41648	-52	-56
DISC90L2	78 219	5 0	34.5003	-8.3657	3097	3105	13	41650	-50	-56
DISC90L2	78 219	5 6	34.5012	-8.3497	2981	2988	13	41654	-47	-55
DISC90L2	78 219	512	34.5018	-8.3347	2895	2900	13	41658	-44	-56
DISC90L2	78 219	518	34.5025	-8.3187	2940	2946	13	41664	-38	-56
DISC90L2	78 219	524	34.5032	-8.3027	2947	2954	13	41670	-33	-56
DISC90L2	78 219	530	34.5038	-8.2867	2961	2966	13	41674	-29	-55
DISC90L2	78 219	536	34.5045	-8.2707	2777	2782	13	41680	-24	-54
DISC90L2	78 219	542	34.5052	-8.2547	2658	2663	13	41686	-18	-53
DISC90L2	78 219	548	34.5058	-8.2387	2603	2608	13	41690	-15	-51
DISC90L2	78 219	554	34.5065	-8.2228	2456	2460	13	41692	-13	-49
DISC90L2	78 219	6 0	34.5072	-8.2070	2422	2425	13	41696	-10	-48
DISC90L2	78 219	6 6	34.5078	-8.1912	2344	2348	13	41696	-10	-46
DISC90L2	78 219	612	34.5083	-8.1752	2309	2313	13	41692	-15	-47
DISC90L2	78 219	618	34.5090	-8.1595	2347	2350	13	41686	-21	-48
DISC90L2	78 219	624	34.5097	-8.1437	2413	2416	13	41676	-32	-52
DISC90L2	78 219	630	34.5103	-8.1278	2477	2482	13	41668	-40	-54
DISC90L2	78 219	636	34.5110	-8.1120	2528	2531	13	41658	-51	-56
DISC90L2	78 219	642	34.5155	-8.0970	2546	2551	13	41648	-63	-55
DISC90L2	78 219	648	34.5258	-8.0870	2578	2582	13	41654	-62	-57
DISC90L2	78 219	654	34.5392	-8.0850	2602	2606	13	41666	-56	-57
DISC90L2	78 219	7 0	34.5525	-8.0888	2596	2601	13	41678	-50	-57
DISC90L2	78 219	7 6	34.5658	-8.0930	2576	2580	13	41684	-50	-55
DISC90L2	78 219	712	34.5793	-8.0968	2676	2681	13	41688	-53	-54
DISC90L2	78 219	718	34.5925	-8.1008	2791	2796	13	41692	-55	-55
DISC90L2	78 219	724	34.6060	-8.1047	2942	2948	13	41690	-63	-54
DISC90L2	78 219	730	34.6188	-8.1078	3002	3008	13	41690	-69	-57
DISC90L2	78 219	736	34.6318	-8.1110	3007	3014	13	41688	-77	-57
DISC90L2	78 219	742	34.6448	-8.1142	3009	3016	13	41686	-85	-58

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 219	748	34.6580	-8.1175	2991	2997	13	41688	-89	-57
DISC90L2	78 219	754	34.6713	-8.1208	2991	2997	13	41688	-95	-57
DISC90L2	78 219	8 0	34.6845	-8.1242	3022	3028	13	41688	-101	-57
DISC90L2	78 219	8 6	34.6978	-8.1275	3017	3023	13	41690	-105	-56
DISC90L2	78 219	812	34.7112	-8.1308	2873	2879	13	41692	-109	-53
DISC90L2	78 219	818	34.7245	-8.1342	2808	2813	13	41696	-111	-53
DISC90L2	78 219	824	34.7378	-8.1373	2822	2827	13	41700	-113	-52
DISC90L2	78 219	830	34.7508	-8.1403	2711	2716	13	41704	-115	-50
DISC90L2	78 219	836	34.7643	-8.1435	2713	2718	13	41706	-120	-48
DISC90L2	78 219	842	34.7777	-8.1470	2706	2710	13	41712	-120	-46
DISC90L2	78 219	848	34.7910	-8.1507	2690	2694	13	41718	-120	-45
DISC90L2	78 219	854	34.8045	-8.1545	2696	2701	13	41724	-120	-45
DISC90L2	78 219	9 0	34.8180	-8.1582	2661	2666	13	41732	-118	-43
DISC90L2	78 219	9 6	34.8315	-8.1623	2685	2690	13	41740	-117	-41
DISC90L2	78 219	912	34.8448	-8.1665	2791	2796	13	41748	-115	-42
DISC90L2	78 219	918	34.8585	-8.1710	2701	2707	13	41760	-109	-40
DISC90L2	78 219	924	34.8718	-8.1755	2695	2699	13	41768	-107	-39
DISC90L2	78 219	930	34.8853	-8.1800	2778	2783	13	41780	-101	-37
DISC90L2	78 219	936	34.8983	-8.1845	2778	2783	13	41792	-95	-35
DISC90L2	78 219	942	34.9108	-8.1886	2684	2688	13	41800	-93	-33
DISC90L2	78 219	948	34.9235	-8.1932	2582	2586	13	41810	-89	-31
DISC90L2	78 219	954	34.9360	-8.1973	2519	2524	13	41822	-82	-29
DISC90L2	78 219	10 0	34.9487	-8.2015	2502	2505	13	41832	-78	-28
DISC90L2	78 219	10 6	34.9615	-8.2058	2487	2491	13	41842	-74	-27
DISC90L2	78 219	1012	34.9740	-8.2108	2484	2487	13	41852	-70	-28
DISC90L2	78 219	1018	34.9863	-8.2160	2490	2494	13	41860	-68	-28
DISC90L2	78 219	1024	34.9988	-8.2215	2536	2540	13	41870	-63	-29
DISC90L2	78 219	1030	35.0113	-8.2268	2611	2615	13	41878	-60	-30
DISC90L2	78 219	1036	35.0238	-8.2323	2669	2674	13	41884	-60	-30
DISC90L2	78 219	1042	35.0367	-8.2382	2651	2655	13	41890	-60	-31
DISC90L2	78 219	1048	35.0490	-8.2437	2679	2685	13	41896	-59	-32
DISC90L2	78 219	1054	35.0617	-8.2492	2649	2654	13	41902	-59	-33
DISC90L2	78 219	11 0	35.0740	-8.2545	2630	2635	13	41902	-64	-35
DISC90L2	78 219	11 6	35.0865	-8.2600	2590	2595	13	41902	-70	-36
DISC90L2	78 219	1112	35.0992	-8.2655	2543	2548	13	41906	-72	-37
DISC90L2	78 219	1118	35.1117	-8.2710	2564	2568	13	41908	-75	-38
DISC90L2	78 219	1124	35.1240	-8.2763	2608	2612	13	41910	-79	-40
DISC90L2	78 219	1130	35.1367	-8.2818	2575	2579	13	41912	-83	-39
DISC90L2	78 219	1136	35.1493	-8.2873	2525	2529	13	41916	-84	-40
DISC90L2	78 219	1142	35.1618	-8.2928	2463	2467	13	41918	-88	-40
DISC90L2	78 219	1148	35.1745	-8.2983	2497	2502	13	41918	-94	-42
DISC90L2	78 219	1154	35.1870	-8.3037	2528	2531	13	41920	-97	-44
DISC90L2	78 219	12 0	35.1995	-8.3090	2591	2595	13	41920	-103	-45
DISC90L2	78 219	12 6	35.2118	-8.3143	2557	2562	13	41924	-105	-45
DISC90L2	78 219	1212	35.2243	-8.3197	2439	2443	13	41926	-108	-45
DISC90L2	78 219	1218	35.2370	-8.3250	2430	2434	13	41928	-112	-44
DISC90L2	78 219	1224	35.2497	-8.3303	2463	2467	13	41932	-114	-47
DISC90L2	78 219	1230	35.2622	-8.3357	2484	2487	13	41932	-119	-46
DISC90L2	78 219	1236	35.2752	-8.3412	2469	2473	13	41934	-123	-48
DISC90L2	78 219	1242	35.2878	-8.3467	2361	2365	13	41938	-125	-46
DISC90L2	78 219	1248	35.3005	-8.3518	2421	2425	13	41944	-125	-47
DISC90L2	78 219	1254	35.3130	-8.3572	2467	2471	13	41948	-126	-48
DISC90L2	78 219	13 0	35.3255	-8.3625	2451	2454	13	41952	-128	-50
DISC90L2	78 219	13 6	35.3380	-8.3678	2466	2471	13	41956	-130	-53
DISC90L2	78 219	1312	35.3505	-8.3738	2471	2474	13	41964	-127	-54
DISC90L2	78 219	1318	35.3630	-8.3798	2501	2505	13	41968	-129	-55
DISC90L2	78 219	1324	35.3757	-8.3860	2544	2548	13	41972	-131	-55
DISC90L2	78 219	1330	35.3880	-8.3920	2567	2571	13	41980	-128	-54
DISC90L2	78 219	1336	35.4005	-8.3977	2426	2430	13	41988	-126	-53
DISC90L2	78 219	1342	35.4128	-8.4028	2296	2299	13	41992	-127	-52
DISC90L2	78 219	1348	35.4253	-8.4078	2276	2281	13	42002	-123	-50
DISC90L2	78 219	1354	35.4375	-8.4128	2336	2339	13	42008	-123	-49
DISC90L2	78 219	14 0	35.4500	-8.4178	2297	2301	13	42018	-118	-47
DISC90L2	78 219	14 6	35.4622	-8.4227	2292	2295	13	42030	-112	-45
DISC90L2	78 219	1412	35.4745	-8.4278	2317	2321	13	42040	-107	-44
DISC90L2	78 219	1418	35.4870	-8.4328	2316	2321	13	42052	-101	-43
DISC90L2	78 219	1424	35.4992	-8.4377	2365	2368	13	42066	-93	-40
DISC90L2	78 219	1430	35.5115	-8.4428	2346	2350	13	42074	-90	-38
DISC90L2	78 219	1436	35.5238	-8.4478	2287	2290	13	42086	-84	-35
DISC90L2	78 219	1442	35.5362	-8.4528	2393	2398	13	42092	-83	-33
DISC90L2	78 219	1448	35.5485	-8.4580	2393	2398	13	42102	-79	-30
DISC90L2	78 219	1454	35.5608	-8.4628	2342	2346	13	42106	-80	-29
DISC90L2	78 219	15 0	35.5732	-8.4678	2382	2387	13	42106	-86	-26
DISC90L2	78 219	15 6	35.5857	-8.4730	2399	2403	13	42110	-88	-24
DISC90L2	78 219	1512	35.5982	-8.4780	2436	2440	13	42114	-89	-21
DISC90L2	78 219	1518	35.6105	-8.4832	2426	2430	13	42120	-89	-20
DISC90L2	78 219	1524	35.6228	-8.4882	2453	2456	13	42128	-86	-17
DISC90L2	78 219	1530	35.6350	-8.4928	2439	2443	13	42154	-86	-15
DISC90L2	78 219	1536	35.6473	-8.4977	2371	2374	13	42140	-86	-12
DISC90L2	78 219	1542	35.6597	-8.5023	2362	2365	13	42148	-83	-11
DISC90L2	78 219	1548	35.6717	-8.5080	2386	2390	13	42154	-83	-9
DISC90L2	78 219	1554	35.6793	-8.5197	2402	2405	13	42154	-85	-8
DISC90L2	78 219	16 0	35.6827	-8.5333	2461	2465	13	42156	-85	-6
DISC90L2	78 219	16 6	35.6857	-8.5475	2511	2515	13	42156	-87	-4
DISC90L2	78 219	1612	35.6887	-8.5623	2541	2546	13	42158	-86	-3
DISC90L2	78 219	1618	35.6917	-8.5762	2546	2551	13	42164	-81	0
DISC90L2	78 219	1624	35.6977	-8.5882	2581	2586	13	42170	-78	0
DISC90L2	78 219	1630	35.7050	-8.6003	2612	2617	13	42172	-79	3
DISC90L2	78 219	1636	35.7125	-8.6128	2591	2595	13	42178	-76	4
DISC90L2	78 219	1642	35.7198	-8.6252	2661	2666	13	42186	-71	3
DISC90L2	78 219	1648	35.7273	-8.6377	2687	2692	13	42188	-73	4
DISC90L2	78 219	1654	35.7342	-8.6500	2706	2710	13	42192	-72	6
DISC90L2	78 219	17 0	35.7418	-8.6627	2711	2716	13	42196	-71	5

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 219	17 6	35.7497	-8.6758	2722	2727	13	42200	-70	7
DISC90L2	78 219	1712	35.7573	-8.6888	2792	2798	13	42202	-72	8
DISC90L2	78 219	1718	35.7648	-8.7015	2792	2798	13	42206	-71	8
DISC90L2	78 219	1724	35.7722	-8.7142	2842	2847	13	42206	-74	8
DISC90L2	78 219	1730	35.7800	-8.7272	2906	2911	13	42206	-78	10
DISC90L2	78 219	1736	35.7877	-8.7400	2930	2935	13	42206	-81	10
DISC90L2	78 219	1742	35.7955	-8.7528	3002	3008	13	42206	-85	11
DISC90L2	78 219	1748	35.8032	-8.7653	2986	2994	13	42208	-86	11
DISC90L2	78 219	1754	35.8108	-8.7780	3036	3043	13	42206	-91	11
DISC90L2	78 219	18 0	35.8183	-8.7907	3112	3120	13	42208	-93	9
DISC90L2	78 219	18 6	35.8260	-8.8035	3137	3146	13	42208	-96	10
DISC90L2	78 219	1812	35.8338	-8.8162	3158	3167	13	42208	-99	7
DISC90L2	78 219	1818	35.8413	-8.8288	3191	3200	13	42210	-101	7
DISC90L2	78 219	1824	35.8492	-8.8420	3180	3188	13	42210	-104	7
DISC90L2	78 219	1830	35.8570	-8.8553	3209	3217	13	42214	-104	6
DISC90L2	78 219	1836	35.8647	-8.8685	3211	3219	13	42218	-103	3
DISC90L2	78 219	1842	35.8725	-8.8822	3196	3204	13	42224	-100	2
DISC90L2	78 219	1848	35.8805	-8.8962	3263	3272	13	42230	-98	1
DISC90L2	78 219	1854	35.8853	-8.9098	3335	3345	13	42238	-93	-1
DISC90L2	78 219	19 0	35.8963	-8.9230	3361	3370	13	42244	-91	-4
DISC90L2	78 219	19 6	35.9043	-8.9365	3461	3473	13	42250	-88	-6
DISC90L2	78 219	1912	35.9123	-8.9502	3525	3533	13	42256	-86	-7
DISC90L2	78 219	1918	35.9203	-8.9635	3550	3563	13	42262	-83	-9
DISC90L2	78 219	1924	35.9285	-8.9775	3588	3601	13	42266	-83	-10
DISC90L2	78 219	1930	35.9365	-8.9907	3623	3636	13	42268	-85	-11
DISC90L2	78 219	1936	35.9447	-9.0040	3657	3670	13	42272	-85	-15
DISC90L2	78 219	1942	35.9527	-9.0173	3676	3691	13	42274	-87	-18
DISC90L2	78 219	1948	35.9607	-9.0307	3697	3711	13	42278	-87	-19
DISC90L2	78 219	1954	35.9688	-9.0443	3728	3742	13	42282	-86	-21
DISC90L2	78 219	20 0	35.9770	-9.0582	3767	3782	13	42288	-84	-25
DISC90L2	78 219	20 6	35.9852	-9.0720	3792	3808	13	42290	-86	-26
DISC90L2	78 219	2012	35.9932	-9.0857	3807	3822	13	42294	-85	-27
DISC90L2	78 219	2018	36.0013	-9.0993	3827	3844	13	42300	-82	-30
DISC90L2	78 219	2024	36.0095	-9.1133	3843	3859	13	42302	-84	-32
DISC90L2	78 219	2030	36.0180	-9.1265	3871	3888	13	42304	-85	-33
DISC90L2	78 219	2036	36.0267	-9.1393	3885	3903	13	42302	-91	-34
DISC90L2	78 219	2042	36.0353	-9.1528	3900	3917	13	42302	-95	-34
DISC90L2	78 219	2048	36.0442	-9.1663	3923	3941	13	42300	-101	-35
DISC90L2	78 219	2054	36.0527	-9.1793	3947	3965	13	42300	-105	-36
DISC90L2	78 219	21 0	36.0610	-9.1925	3963	3981	13	42300	-109	-38
DISC90L2	78 219	21 6	36.0695	-9.2055	3979	3998	13	42300	-113	-39
DISC90L2	78 219	2112	36.0780	-9.2185	3983	4001	13	42302	-114	-39
DISC90L2	78 219	2118	36.0865	-9.2318	3987	4007	13	42308	-112	-41
DISC90L2	78 219	2124	36.0952	-9.2450	3989	4009	13	42314	-110	-41
DISC90L2	78 219	2130	36.1037	-9.2585	4002	4022	13	42322	-106	-42
DISC90L2	78 219	2136	36.1122	-9.2718	3994	4014	13	42330	-102	-42
DISC90L2	78 219	2142	36.1210	-9.2855	3985	4003	13	42340	-96	-40
DISC90L2	78 219	2148	36.1295	-9.2993	3983	4001	13	42350	-89	-42
DISC90L2	78 219	2154	36.1377	-9.3127	4008	4027	13	42356	-87	-41
DISC90L2	78 219	22 0	36.1460	-9.3263	4030	4051	13	42362	-85	-41
DISC90L2	78 219	22 6	36.1542	-9.3393	4017	4036	13	42366	-85	-40
DISC90L2	78 219	2212	36.1625	-9.3528	4035	4053	13	42370	-84	-40
DISC90L2	78 219	2218	36.1708	-9.3667	4002	4022	13	42370	-88	-40
DISC90L2	78 219	2224	36.1792	-9.3798	3982	4001	13	42372	-90	-39
DISC90L2	78 219	2230	36.1875	-9.3933	3979	3998	13	42370	-96	-36
DISC90L2	78 219	2236	36.1960	-9.4073	3907	3925	13	42368	-101	-32
DISC90L2	78 219	2242	36.2043	-9.4205	3804	3820	13	42366	-107	-29
DISC90L2	78 219	2248	36.2127	-9.4342	3702	3716	13	42364	-113	-23
DISC90L2	78 219	2254	36.2210	-9.4477	3612	3625	13	42366	-115	-20
DISC90L2	78 219	23 0	36.2292	-9.4612	3539	3552	13	42370	-115	-15
DISC90L2	78 219	23 6	36.2375	-9.4745	3473	3484	13	42376	-114	-9
DISC90L2	78 219	2312	36.2458	-9.4878	3477	3489	13	42378	-114	-5
DISC90L2	78 219	2318	36.2542	-9.5018	3544	3557	13	42380	-115	0
DISC90L2	78 219	2324	36.2625	-9.5160	3530	3542	13	42384	-115	5
DISC90L2	78 219	2330	36.2708	-9.5300	3526	3537	13	42394	-109	11
DISC90L2	78 219	2336	36.2793	-9.5443	3509	3520	13	42406	-101	15
DISC90L2	78 219	2342	36.2875	-9.5578	3502	3513	13	42416	-94	18
DISC90L2	78 219	2348	36.2958	-9.5717	3458	3469	13	42418	-96	10
DISC90L2	78 219	2354	36.3042	-9.5858	3347	3358	13	42420	-98	13
51	78 220	0 0	36.3123	-9.5998	3271	3281	13	42426	-96	14
DISC90L2	78 220	0 6	36.3207	-9.6133	3252	3261	13	42430	-95	16
DISC90L2	78 220	012	36.3290	-9.6273	3262	3272	13	42430	-96	16
DISC90L2	78 220	018	36.3372	-9.6413	3283	3292	13	42434	-99	17
DISC90L2	78 220	024	36.3455	-9.6548	3351	3361	13	42434	-102	16
DISC90L2	78 220	030	36.3533	-9.6685	3482	3493	13	42436	-104	15
DISC90L2	78 220	036	36.3613	-9.6820	3568	3581	13	42436	-108	11
DISC90L2	78 220	042	36.3695	-9.6960	3641	3654	13	42438	-109	6
DISC90L2	78 220	048	36.3777	-9.7097	3664	3678	13	42440	-111	4
DISC90L2	78 220	054	36.3858	-9.7235	3673	3687	13	42444	-111	-0
DISC90L2	78 220	1 0	36.3935	-9.7377	3729	3744	13	42448	-110	-5
DISC90L2	78 220	1 6	36.4012	-9.7518	3837	3853	13	42452	-110	-7
DISC90L2	78 220	112	36.4090	-9.7662	3956	3974	13	42460	-105	-10
DISC90L2	78 220	118	36.4167	-9.7803	4106	4128	13	42464	-105	-14
DISC90L2	78 220	124	36.4242	-9.7942	4222	4246	13	42468	-104	-16
DISC90L2	78 220	130	36.4320	-9.8083	4331	4356	13	42470	-105	-18
DISC90L2	78 220	136	36.4398	-9.8222	4317	4343	13	42470	-109	-19
DISC90L2	78 220	142	36.4512	-9.8317	4307	4332	13	42472	-112	-17
DISC90L2	78 220	148	36.4655	-9.8338	4260	4285	13	42468	-125	-13
DISC90L2	78 220	154	36.4795	-9.8338	4262	4287	13	42462	-141	-7
DISC90L2	78 220	2 0	36.4932	-9.8338	4228	4252	13	42462	-145	-3
DISC90L2	78 220	2 6	36.5065	-9.8338	4180	4203	13	42464	-145	-0
DISC90L2	78 220	212	36.5200	-9.8338	4127	4148	13	42472	-143	0
DISC90L2	78 220	218	36.5335	-9.8338	4117	4139	13	42478	-143	3

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 220	1142	37.7748	-9.7327	1970	1973	13	43032	-143	27
DISC90L2	78 220	1148	37.7875	-9.7288	1966	1968	13	43040	-141	26
DISC90L2	78 220	1154	37.8002	-9.7250	2002	2004	13	43046	-141	25
DISC90L2	78 220	12 0	37.8128	-9.7219	1931	1933	13	43054	-138	24
DISC90L2	78 220	1206	37.8257	-9.7177	1974	1977	13	43058	-140	23
DISC90L2	78 220	1212	37.8383	-9.7140	2007	2010	13	43060	-145	22
DISC90L2	78 220	1218	37.8512	-9.7102	2011	2014	13	43064	-145	21
DISC90L2	78 220	1224	37.8640	-9.7065	2011	2014	13	43068	-147	20
DISC90L2	78 220	1230	37.8768	-9.7028	2021	2024	13	43076	-144	19
DISC90L2	78 220	1236	37.8898	-9.6990	2011	2014	13	43084	-142	18
DISC90L2	78 220	1242	37.9027	-9.6950	1945	1948	13	43090	-142	17
DISC90L2	78 220	1248	37.9155	-9.6912	1937	1940	13	43098	-140	16
DISC90L2	78 220	1254	37.9283	-9.6873	1901	1904	13	43108	-135	15
DISC90L2	78 220	13 0	37.9413	-9.6835	1872	1875	13	43114	-135	14
DISC90L2	78 220	13 6	37.9543	-9.6797	1852	1854	13	43122	-133	13
DISC90L2	78 220	1312	37.9672	-9.6758	1722	1725	13	43126	-134	12
DISC90L2	78 220	1318	37.9800	-9.6743	1666	1668	13	43132	-134	11
DISC90L2	78 220	1324	37.9887	-9.6853	1695	1697	13	43138	-132	10
DISC90L2	78 220	1330	37.9968	-9.7008	1892	1895	13	43142	-132	9
DISC90L2	78 220	1336	38.0052	-9.7165	1677	1681	13	43148	-129	8
DISC90L2	78 220	1342	38.0135	-9.7318	2207	2209	13	43156	-126	7
DISC90L2	78 220	1348	38.0218	-9.7470	2677	2683	13	43164	-121	6
DISC90L2	78 220	1354	38.0300	-9.7620	3062	3069	13	43168	-121	5
DISC90L2	78 220	14 0	38.0383	-9.7773	2882	2888	13	43178	-115	4
DISC90L2	78 220	14 6	38.0467	-9.7925	2701	2707	13	43186	-110	3
DISC90L2	78 220	1412	38.0552	-9.8077	2911	2917	13	43188	-112	2
DISC90L2	78 220	1418	38.0635	-9.8230	3142	3149	13	43188	-116	1
DISC90L2	78 220	1424	38.0720	-9.8383	3482	3493	13	43186	-121	0
DISC90L2	78 220	1430	38.0807	-9.8538	3722	3736	13	43188	-123	-1
DISC90L2	78 220	1436	38.0892	-9.8693	3872	3890	13	43196	-119	-2
DISC90L2	78 220	1442	38.0977	-9.8847	4089	4109	13	43202	-117	-3
DISC90L2	78 220	1448	38.1062	-9.9000	4243	4267	13	43210	-112	-4
DISC90L2	78 220	1454	38.1147	-9.9153	4257	4281	13	43214	-112	-5
DISC90L2	78 220	15 0	38.1230	-9.9307	3999	4018	13	43214	-116	-6
DISC90L2	78 220	1506	38.1313	-9.9457	3877	3895	13	43214	-121	-7
DISC90L2	78 220	1512	38.1398	-9.9603	3622	3636	13	43212	-125	-8
DISC90L2	78 220	1518	38.1483	-9.9757	3592	3595	13	43214	-127	-9
DISC90L2	78 220	1524	38.1568	-9.9897	3777	3793	13	43210	-135	-10
DISC90L2	78 220	1530	38.1652	-10.0040	3889	3906	13	43212	-136	-11
DISC90L2	78 220	1536	38.1735	-10.0182	3965	3983	13	43210	-141	-12
DISC90L2	78 220	1542	38.1817	-10.0323	3906	3925	13	43214	-141	-13
DISC90L2	78 220	1548	38.1902	-10.0467	3924	3941	13	43214	-145	-13
DISC90L2	78 220	1554	38.1983	-10.0608	4041	4060	13	43216	-147	-14
DISC90L2	78 220	16 0	38.2065	-10.0750	4056	4076	13	43220	-146	-15
DISC90L2	78 220	16 6	38.2150	-10.0883	4099	4120	13	43224	-146	-16
DISC90L2	78 220	1612	38.2237	-10.1015	4022	4042	13	43226	-148	-16
DISC90L2	78 220	1618	38.2323	-10.1138	4062	4082	13	43230	-148	-17
DISC90L2	78 220	1624	38.2410	-10.1258	4142	4164	13	43234	-148	-18
DISC90L2	78 220	1630	38.2495	-10.1377	4203	4226	13	43236	-150	-19
DISC90L2	78 220	1636	38.2603	-10.1473	4213	4236	13	43244	-147	-20
DISC90L2	78 220	1642	38.2753	-10.1485	4387	4415	13	43256	-141	-21
DISC90L2	78 220	1648	38.2910	-10.1473	4477	4506	13	43264	-140	-22
DISC90L2	78 220	1654	38.3058	-10.1460	4505	4535	13	43270	-140	-23
DISC90L2	78 220	17 0	38.3202	-10.1448	4507	4537	13	43278	-139	-24
DISC90L2	78 220	17 6	38.3345	-10.1435	4549	4581	13	43286	-137	-25
DISC90L2	78 220	1712	38.3488	-10.1422	4577	4609	13	43294	-135	-26
DISC90L2	78 220	1718	38.3633	-10.1410	4612	4645	13	43302	-133	-27
DISC90L2	78 220	1724	38.3780	-10.1397	4651	4685	13	43312	-130	-28
DISC90L2	78 220	1730	38.3927	-10.1382	4667	4702	13	43322	-126	-28
DISC90L2	78 220	1736	38.4072	-10.1368	4686	4720	13	43330	-124	-29
DISC90L2	78 220	1742	38.4218	-10.1355	4694	4729	13	43340	-121	-30
DISC90L2	78 220	1748	38.4363	-10.1338	4690	4724	13	43346	-121	-30
DISC90L2	78 220	1754	38.4502	-10.1378	4687	4722	13	43352	-121	-30
DISC90L2	78 220	18 0	38.4593	-10.1480	4664	4698	13	43354	-123	-30
DISC90L2	78 220	18 6	38.4662	-10.1603	4617	4651	13	43354	-126	-30
DISC90L2	78 220	1812	38.4728	-10.1733	4563	4594	13	43356	-129	-30
DISC90L2	78 220	1818	38.4797	-10.1858	4464	4493	13	43354	-133	-30
DISC90L2	78 220	1824	38.4862	-10.1980	4530	4561	13	43356	-134	-30
DISC90L2	78 220	1830	38.4930	-10.2110	4592	4625	13	43358	-135	-30
DISC90L2	78 220	1836	38.4998	-10.2235	4603	4636	13	43362	-134	-30
DISC90L2	78 220	1842	38.5065	-10.2363	4572	4603	13	43364	-135	-30
DISC90L2	78 220	1848	38.5132	-10.2493	4519	4550	13	43366	-136	-30
DISC90L2	78 220	1854	38.5198	-10.2617	4542	4574	13	43366	-136	-30
DISC90L2	78 220	19 0	38.5267	-10.2747	4570	4601	13	43370	-138	-30
DISC90L2	78 220	19 6	38.5332	-10.2878	4563	4594	13	43372	-139	-30
DISC90L2	78 220	1912	38.5400	-10.3017	4505	4535	13	43376	-138	-30
DISC90L2	78 220	1918	38.5467	-10.3157	4461	4490	13	43380	-137	-30
DISC90L2	78 220	1924	38.5533	-10.3297	4422	4449	13	43386	-134	-30
DISC90L2	78 220	1930	38.5600	-10.3428	4392	4420	13	43394	-129	-30
DISC90L2	78 220	1936	38.5665	-10.3560	4317	4343	13	43398	-128	-30
DISC90L2	78 220	1942	38.5718	-10.3698	4321	4347	13	43402	-127	-30
DISC90L2	78 220	1948	38.5773	-10.3838	4363	4389	13	43406	-125	-30
DISC90L2	78 220	1954	38.5828	-10.3975	4401	4428	13	43412	-122	-30
DISC90L2	78 220	20 0	38.5878	-10.4108	4428	4457	13	43416	-120	-30
DISC90L2	78 220	20 6	38.5932	-10.4243	4432	4460	13	43424	-115	-30
DISC90L2	78 220	2012	38.5983	-10.4380	4415	4442	13	43430	-111	-30
DISC90L2	78 220	2018	38.6035	-10.4517	4427	4455	13	43438	-105	-30
DISC90L2	78 220	2024	38.6085	-10.4650	4483	4512	13	43442	-104	-30
DISC90L2	78 220	2030	38.6140	-10.4790	4530	4561	13	43450	-98	-30
DISC90L2	78 220	2036	38.6193	-10.4928	4547	4577	13	43454	-97	-30
DISC90L2	78 220	2042	38.6247	-10.5063	4552	4583	13	43460	-93	-30
DISC90L2	78 220	2048	38.6298	-10.5192	4555	4587	13	43464	-92	-30
DISC90L2	78 220	2054	38.6352	-10.5325	4555	4587	13	43470	-88	-30

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	51	78 220	21 0	38.6408	-10.5463	4568	4599	13	43476	-85	-71
DISC90L2		78 220	21 6	38.6462	-10.5602	4566	4598	13	43478	-85	-68
DISC90L2		78 220	2112	38.6513	-10.5732	4568	4599	13	43484	-82	-64
DISC90L2		78 220	2118	38.6565	-10.5872	4558	4590	13	43488	-80	-63
DISC90L2		78 220	2124	38.6618	-10.6018	4537	4568	13	43490	-80	-60
DISC90L2		78 220	2130	38.6673	-10.6162	4513	4543	13	43496	-77	-58
DISC90L2		78 220	2136	38.6730	-10.6302	4483	4512	13	43496	-80	-54
DISC90L2		78 220	2142	38.6787	-10.6445	4462	4492	13	43496	-82	-51
DISC90L2		78 220	2148	38.6842	-10.6578	4417	4444	13	43500	-81	-48
DISC90L2		78 220	2154	38.6897	-10.6722	4342	4369	13	43502	-81	-42
DISC90L2		78 220	22 0	38.6952	-10.6865	4283	4307	13	43508	-78	-39
DISC90L2		78 220	22 6	38.7007	-10.7005	4232	4256	13	43514	-74	-36
DISC90L2		78 220	2212	38.7060	-10.7140	4129	4150	13	43524	-67	-32
DISC90L2		78 220	2218	38.7115	-10.7282	4022	4042	13	43534	-59	-29
DISC90L2		78 220	2224	38.7172	-10.7428	3907	3925	13	43550	-46	-24
DISC90L2		78 220	2230	38.7228	-10.7575	3857	3873	13	43562	-37	-20
DISC90L2		78 220	2236	38.7285	-10.7723	3932	3950	13	43574	-27	-15
DISC90L2		78 220	2242	38.7343	-10.7880	3872	3890	13	43584	-20	-11
DISC90L2		78 220	2248	38.7400	-10.8025	3946	3965	13	43588	-19	-5
DISC90L2		78 220	2254	38.7456	-10.8176	3892	3910	13	43586	-23	-3
DISC90L2		78 220	23 0	38.7513	-10.8327	3863	3881	13	43574	-38	4
DISC90L2		78 220	23 6	38.7570	-10.8472	3892	3910	13	43560	-55	8
DISC90L2		78 220	2312	38.7625	-10.8612	3639	3652	13	43548	-69	13
DISC90L2		78 220	2318	38.7680	-10.8757	3513	3526	13	43542	-78	18
DISC90L2		78 220	2324	38.7738	-10.8913	3375	3385	13	43544	-78	21
DISC90L2		78 220	2330	38.7795	-10.9067	3346	3356	13	43556	-69	24
DISC90L2		78 220	2336	38.7853	-10.9218	3252	3261	13	43572	-56	30
DISC90L2		78 220	2342	38.7908	-10.9370	3218	3226	13	43592	-38	32
DISC90L2		78 220	2348	38.7965	-10.9518	3162	3169	13	43616	-17	36
DISC90L2		78 220	2354	38.8023	-10.9675	3145	3153	13	43638	1	41
DISC90L2	52	78 221	0 0	38.8080	-10.9827	3126	3133	13	43650	11	45
DISC90L2		78 221	0 6	38.8148	-10.9968	3052	3060	13	43656	14	50
DISC90L2		78 221	012	38.8260	-11.0067	2937	2943	13	43650	2	57
DISC90L2		78 221	018	38.8400	-11.0112	2818	2824	13	43624	-30	60
DISC90L2		78 221	024	38.8542	-11.0120	2788	2794	13	43590	-70	62
DISC90L2		78 221	030	38.8682	-11.0118	2933	2939	13	43564	-102	61
DISC90L2		78 221	036	38.8823	-11.0115	3022	3028	13	43548	-124	60
DISC90L2		78 221	042	38.8963	-11.0112	3107	3114	13	43546	-132	59
DISC90L2		78 221	048	38.9108	-11.0110	3156	3164	13	43556	-129	57
DISC90L2		78 221	054	38.9250	-11.0107	3186	3195	13	43576	-115	56
DISC90L2		78 221	1 0	38.9392	-11.0107	3202	3210	13	43594	-103	55
DISC90L2		78 221	1 6	38.9535	-11.0105	3210	3219	13	43612	-91	56
DISC90L2		78 221	112	38.9678	-11.0100	3213	3222	13	43624	-86	54
DISC90L2		78 221	118	38.9820	-11.0095	3213	3222	13	43632	-84	54
DISC90L2		78 221	124	38.9963	-11.0090	3202	3210	13	43636	-86	53
DISC90L2		78 221	130	39.0105	-11.0087	3247	3255	13	43634	-93	50
DISC90L2		78 221	136	39.0248	-11.0078	3384	3394	13	43632	-101	48
DISC90L2		78 221	142	39.0392	-11.0072	3402	3413	13	43634	-105	45
DISC90L2		78 221	148	39.0535	-11.0065	3572	3584	13	43640	-105	42
DISC90L2		78 221	154	39.0678	-11.0058	3767	3782	13	43650	-101	41
DISC90L2		78 221	2 0	39.0823	-11.0052	3912	3930	13	43666	-92	40
DISC90L2		78 221	2 6	39.0967	-11.0043	3802	3817	13	43674	-86	39
DISC90L2		78 221	212	39.1110	-11.0032	3647	3659	13	43694	-76	40
DISC90L2		78 221	218	39.1252	-11.0020	3568	3581	13	43704	-72	39
DISC90L2		78 221	224	39.1395	-11.0012	3636	3650	13	43705	-74	40
DISC90L2		78 221	230	39.1533	-11.0002	3732	3747	13	43704	-84	37
DISC90L2		78 221	236	39.1673	-10.9990	3788	3804	13	43702	-93	33
DISC90L2		78 221	242	39.1817	-10.9980	3882	3899	13	43698	-103	31
DISC90L2		78 221	248	39.1962	-10.9970	3822	3839	13	43700	-107	27
DISC90L2		78 221	254	39.2105	-10.9960	3623	3639	13	43702	-111	25
DISC90L2		78 221	3 0	39.2248	-10.9952	4067	4087	13	43702	-117	20
DISC90L2		78 221	3 6	39.2392	-10.9942	4077	4098	13	43700	-125	16
DISC90L2		78 221	312	39.2537	-10.9932	4073	4095	13	43702	-130	11
DISC90L2		78 221	318	39.2680	-10.9922	4162	4184	13	43704	-134	8
DISC90L2		78 221	324	39.2822	-10.9912	4157	4179	13	43705	-135	6
DISC90L2		78 221	330	39.2965	-10.9902	4082	4102	13	43716	-134	3
DISC90L2		78 221	336	39.3108	-10.9892	3952	3970	13	43724	-132	3
DISC90L2		78 221	342	39.3252	-10.9882	3659	3875	13	43732	-130	1
DISC90L2		78 221	348	39.3397	-10.9872	3858	3875	13	43742	-126	1
DISC90L2		78 221	354	39.3542	-10.9862	3899	3917	13	43748	-126	-2
DISC90L2		78 221	4 0	39.3683	-10.9853	3924	3941	13	43756	-124	-3
DISC90L2		78 221	4 6	39.3827	-10.9843	3908	3926	13	43764	-122	-6
DISC90L2		78 221	412	39.3967	-10.9833	3859	3875	13	43770	-122	-9
DISC90L2		78 221	418	39.4108	-10.9823	3998	4018	13	43770	-128	-14
DISC90L2		78 221	424	39.4250	-10.9813	4137	4159	13	43770	-134	-19
DISC90L2		78 221	430	39.4393	-10.9805	4208	4232	13	43766	-144	-25
DISC90L2		78 221	436	39.4537	-10.9797	4378	4406	13	43768	-149	-30
DISC90L2		78 221	442	39.4680	-10.9765	4564	4596	13	43772	-151	-33
DISC90L2		78 221	448	39.4822	-10.9777	4602	4634	13	43778	-151	-39
DISC90L2		78 221	454	39.4958	-10.9775	4606	4638	13	43784	-150	-42
DISC90L2		78 221	5 0	39.5108	-10.9768	4502	4532	13	43794	-147	-45
DISC90L2		78 221	5 6	39.5257	-10.9760	4686	4720	13	43800	-147	-51
DISC90L2		78 221	512	39.5408	-10.9753	4861	4901	13	43808	-146	-54
DISC90L2		78 221	518	39.5557	-10.9745	4874	4914	13	43815	-142	-57
DISC90L2		78 221	524	39.5708	-10.9738	4865	4925	13	43830	-136	-60
DISC90L2		78 221	530	39.5858	-10.9732	4893	4934	13	43840	-132	-61
DISC90L2		78 221	536	39.6008	-10.9725	4893	4934	13	43854	-125	-62
DISC90L2		78 221	542	39.6155	-10.9718	4895	4936	13	43866	-119	-64
DISC90L2		78 221	548	39.6302	-10.9712	4893	4934	13	43874	-118	-64
DISC90L2		78 221	554	39.6450	-10.9705	4882	4921	13	43884	-114	-64
DISC90L2		78 221	6 0	39.6600	-10.9698	4877	4918	13	43892	-112	-64
DISC90L2		78 221	6 6	39.6747	-10.9692	4852	4892	13	43896	-114	-63
DISC90L2		78 221	612	39.6893	-10.9685	4791	4830	13	43904	-113	-63

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 221	618	39.7036	-10.9678	4751	4788	13	43904	-119	-62
DISC90L2	78 221	624	39.7198	-10.9670	4773	4810	13	43905	-123	-61
DISC90L2	78 221	630	39.7358	-10.9663	4812	4850	13	43906	-130	-61
DISC90L2	78 221	636	39.7488	-10.9657	4823	4863	13	43908	-134	-61
DISC90L2	78 221	642	39.7637	-10.9648	4811	4850	13	43908	-140	-59
DISC90L2	78 221	648	39.7765	-10.9642	4804	4843	13	43912	-143	-59
DISC90L2	78 221	654	39.7937	-10.9633	4816	4854	13	43914	-147	-59
DISC90L2	78 221	7 0	39.8097	-10.9628	4863	4903	13	43920	-147	-56
DISC90L2	78 221	7 6	39.8235	-10.9620	4879	4919	13	43928	-146	-56
DISC90L2	78 221	712	39.8385	-10.9613	4931	4973	13	43936	-144	-55
DISC90L2	78 221	718	39.8547	-10.9605	4924	4965	13	43948	-139	-54
DISC90L2	78 221	724	39.8686	-10.9598	4925	4967	13	43962	-131	-54
DISC90L2	78 221	730	39.8837	-10.9592	4924	4965	13	43976	-123	-52
DISC90L2	78 221	736	39.8985	-10.9585	4925	4967	13	43990	-116	-50
DISC90L2	78 221	742	39.9135	-10.9573	4921	4962	13	44004	-108	-48
DISC90L2	78 221	748	39.9283	-10.9562	4824	4863	13	44018	-100	-48
DISC90L2	78 221	754	39.9433	-10.9552	4688	4722	13	44032	-93	-45
DISC90L2	78 221	8 0	39.9582	-10.9540	4603	4636	13	44044	-87	-45
DISC90L2	78 221	8 6	39.9730	-10.9527	4623	4656	13	44054	-83	-44
DISC90L2	78 221	812	39.9880	-10.9515	4666	4700	13	44062	-82	-43
DISC90L2	78 221	818	40.0027	-10.9500	4739	4775	13	44068	-83	-44
DISC90L2	78 221	824	40.0173	-10.9488	4779	4817	13	44072	-85	-43
DISC90L2	78 221	830	40.0322	-10.9480	4803	4841	13	44074	-89	-44
DISC90L2	78 221	836	40.0470	-10.9475	4829	4868	13	44076	-93	-42
DISC90L2	78 221	842	40.0623	-10.9465	4853	4892	13	44086	-96	-42
DISC90L2	78 221	848	40.0777	-10.9455	4866	4907	13	44092	-100	-42
DISC90L2	78 221	854	40.0932	-10.9445	4875	4916	13	44086	-103	-41
DISC90L2	78 221	9 0	40.1083	-10.9433	4884	4925	13	44088	-107	-42
DISC90L2	78 221	9 6	40.1238	-10.9423	4896	4938	13	44090	-111	-41
DISC90L2	78 221	912	40.1393	-10.9413	4892	4932	13	44092	-116	-41
DISC90L2	78 221	918	40.1547	-10.9400	4893	4934	13	44090	-124	-41
DISC90L2	78 221	924	40.1698	-10.9393	4892	4932	13	44092	-128	-41
DISC90L2	78 221	930	40.1848	-10.9387	4889	4930	13	44096	-131	-41
DISC90L2	78 221	936	40.2002	-10.9362	4887	4927	13	44100	-133	-40
DISC90L2	78 221	942	40.2153	-10.9375	4881	4921	13	44104	-135	-39
DISC90L2	78 221	948	40.2303	-10.9368	4879	4919	13	44108	-137	-38
DISC90L2	78 221	954	40.2455	-10.9362	4872	4912	13	44112	-140	-38
DISC90L2	78 221	10 0	40.2595	-10.9357	4873	4914	13	44116	-141	-38
DISC90L2	78 221	10 6	40.2702	-10.9352	4859	4899	13	44116	-146	-38
DISC90L2	78 221	1012	40.2816	-10.9347	4857	4898	13	44122	-144	-37
DISC90L2	78 221	1018	40.2922	-10.9340	4848	4887	13	44126	-145	-37
DISC90L2	78 221	1024	40.3033	-10.9333	4841	4879	13	44132	-144	-36
DISC90L2	78 221	1030	40.3147	-10.9330	4837	4877	13	44134	-146	-36
DISC90L2	78 221	1036	40.3258	-10.9325	4832	4872	13	44136	-149	-36
DISC90L2	78 221	1042	40.3370	-10.9322	4825	4865	13	44138	-152	-36
DISC90L2	78 221	1048	40.3483	-10.9317	4830	4870	13	44140	-154	-36
DISC90L2	78 221	1054	40.3588	-10.9313	4826	4865	13	44142	-157	-36
DISC90L2	78 221	11 0	40.3697	-10.9308	4819	4857	13	44142	-161	-36
DISC90L2	78 221	11 6	40.3803	-10.9305	4812	4850	13	44144	-164	-36
DISC90L2	78 221	1112	40.3910	-10.9302	4807	4844	13	44148	-164	-36
DISC90L2	78 221	1118	40.4018	-10.9297	4799	4837	13	44150	-166	-37
DISC90L2	78 221	1124	40.4140	-10.9277	4795	4834	13	44156	-165	-35
DISC90L2	78 221	1130	40.4285	-10.9245	4786	4824	13	44166	-161	-38
DISC90L2	78 221	1136	40.4430	-10.9213	4776	4813	13	44176	-157	-37
DISC90L2	78 221	1142	40.4572	-10.9182	4763	4799	13	44188	-151	-38
DISC90L2	78 221	1148	40.4715	-10.9150	4752	4790	13	44204	-141	-40
DISC90L2	78 221	1154	40.4855	-10.9115	4740	4777	13	44216	-135	-40
DISC90L2	78 221	12 0	40.4998	-10.9077	4733	4770	13	44234	-123	-42
DISC90L2	78 221	12 6	40.5142	-10.9038	4724	4760	13	44244	-119	-43
DISC90L2	78 221	1212	40.5287	-10.9000	4717	4753	13	44250	-119	-43
DISC90L2	78 221	1218	40.5432	-10.8962	4706	4742	13	44256	-119	-45
DISC90L2	78 221	1224	40.5578	-10.8923	4698	4733	13	44262	-119	-44
DISC90L2	78 221	1230	40.5725	-10.8887	4692	4727	13	44268	-119	-45
DISC90L2	78 221	1236	40.5870	-10.8848	4692	4727	13	44274	-119	-48
DISC90L2	78 221	1242	40.6012	-10.8813	4692	4727	13	44276	-122	-46
DISC90L2	78 221	1248	40.6153	-10.8778	4692	4727	13	44280	-124	-48
DISC90L2	78 221	1254	40.6297	-10.8742	4692	4727	13	44284	-126	-47
DISC90L2	78 221	13 0	40.6440	-10.8705	4683	4716	13	44292	-124	-48
DISC90L2	78 221	13 6	40.6583	-10.8668	4665	4700	13	44294	-128	-49
DISC90L2	78 221	1312	40.6727	-10.8633	4650	4684	13	44300	-128	-49
DISC90L2	78 221	1318	40.6870	-10.8595	4643	4676	13	44306	-128	-50
DISC90L2	78 221	1324	40.7013	-10.8560	4641	4674	13	44310	-130	-50
DISC90L2	78 221	1330	40.7153	-10.8520	4612	4645	13	44316	-129	-51
DISC90L2	78 221	1336	40.7297	-10.8480	4582	4614	13	44320	-131	-52
DISC90L2	78 221	1342	40.7440	-10.8440	4557	4588	13	44322	-135	-53
DISC90L2	78 221	1348	40.7585	-10.8398	4542	4574	13	44328	-135	-52
DISC90L2	78 221	1354	40.7728	-10.8358	4513	4543	13	44336	-133	-53
DISC90L2	78 221	14 0	40.7873	-10.8315	4477	4506	13	44344	-131	-52
DISC90L2	78 221	14 6	40.8018	-10.8273	4453	4482	13	44352	-129	-52
DISC90L2	78 221	1412	40.8163	-10.8232	4411	4438	13	44360	-127	-51
DISC90L2	78 221	1418	40.8307	-10.8190	4252	4276	13	44366	-127	-49
DISC90L2	78 221	1424	40.8452	-10.8148	4154	4177	13	44376	-123	-49
DISC90L2	78 221	1430	40.8597	-10.8105	4087	4107	13	44386	-119	-48
DISC90L2	78 221	1436	40.8738	-10.8063	4047	4067	13	44394	-116	-47
DISC90L2	78 221	1442	40.8883	-10.8022	4021	4040	13	44404	-112	-47
DISC90L2	78 221	1448	40.9027	-10.7980	4002	4022	13	44418	-100	-47
DISC90L2	78 221	1454	40.9170	-10.7937	3992	4011	13	44428	-88	-47
DISC90L2	78 221	15 0	40.9313	-10.7895	3997	4016	13	44436	-96	-46
DISC90L2	78 221	15 6	40.9457	-10.7853	3979	3998	13	44452	-88	-47
DISC90L2	78 221	1512	40.9607	-10.7820	3956	3974	13	44464	-82	-47
DISC90L2	78 221	1518	40.9755	-10.7790	3926	3943	13	44474	-78	-45
DISC90L2	78 221	1524	40.9903	-10.7765	3899	3917	13	44486	-72	-45
DISC90L2	78 221	1530	41.0050	-10.7740	3877	3895	13	44492	-73	-44

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 52	78 221	1536	41.0198	-10.7715	3850	3866	13	44494	-77	-42
DISC90L2	78 221	1542	41.0343	-10.7690	3827	3844	13	44494	-83	-40
DISC90L2	78 221	1548	41.0490	-10.7665	3807	3822	13	44496	-87	-38
DISC90L2	78 221	1554	41.0635	-10.7640	3767	3782	13	44498	-90	-35
DISC90L2	78 221	16 0	41.0782	-10.7615	3732	3747	13	44498	-96	-30
DISC90L2	78 221	16 6	41.0927	-10.7590	3692	3705	13	44492	-108	-25
DISC90L2	78 221	1612	41.1073	-10.7563	3662	3676	13	44478	-128	-18
DISC90L2	78 221	1618	41.1220	-10.7540	2991	2997	13	44466	-146	-9
DISC90L2	78 221	1624	41.1365	-10.7515	2652	2657	13	44462	-156	1
DISC90L2	78 221	1630	41.1510	-10.7490	2453	2456	13	44460	-163	10
DISC90L2	78 221	1636	41.1653	-10.7458	2361	2365	13	44462	-167	17
DISC90L2	78 221	1642	41.1797	-10.7417	2252	2255	13	44466	-169	23
DISC90L2	78 221	1648	41.1942	-10.7382	2212	2215	13	44478	-163	27
DISC90L2	78 221	1654	41.2088	-10.7360	2156	2160	13	44492	-155	32
DISC90L2	78 221	17 0	41.2235	-10.7337	2116	2120	13	44506	-146	35
DISC90L2	78 221	17 6	41.2382	-10.7317	2101	2103	13	44520	-138	36
DISC90L2	78 221	1712	41.2525	-10.7295	2112	2116	13	44536	-128	36
DISC90L2	78 221	1718	41.2673	-10.7273	2131	2134	13	44548	-122	36
DISC90L2	78 221	1724	41.2818	-10.7252	2181	2184	13	44560	-116	34
DISC90L2	78 221	1730	41.2962	-10.7230	2216	2218	13	44570	-112	32
DISC90L2	78 221	1736	41.3108	-10.7208	2282	2284	13	44586	-102	27
DISC90L2	78 221	1742	41.3252	-10.7180	2492	2496	13	44602	-91	23
DISC90L2	78 221	1748	41.3398	-10.7147	2727	2732	13	44620	-79	20
DISC90L2	78 221	1754	41.3543	-10.7120	2642	2646	13	44644	-61	19
DISC90L2	78 221	18 0	41.3690	-10.7102	2372	2376	13	44664	-47	16
DISC90L2	78 221	18 6	41.3817	-10.7147	2482	2485	13	44678	-38	17
DISC90L2	78 221	1812	41.3900	-10.7283	2711	2716	13	44680	-40	11
DISC90L2	78 221	1818	41.3992	-10.7420	2975	2981	13	44682	-42	9
DISC90L2	78 221	1824	41.4115	-10.7522	3012	3019	13	44678	-51	4
DISC90L2	78 221	1830	41.4238	-10.7625	3042	3049	13	44668	-66	0
DISC90L2	78 221	1836	41.4365	-10.7730	3062	3069	13	44652	-87	-2
DISC90L2	78 221	1842	41.4483	-10.7822	3071	3078	13	44632	-112	-5
DISC90L2	78 221	1848	41.4600	-10.7927	3092	3100	13	44618	-131	-9
DISC90L2	78 221	1854	41.4720	-10.8033	3102	3109	13	44618	-136	-11
DISC90L2	78 221	19 0	41.4837	-10.8138	3097	3105	13	44626	-133	-11
DISC90L2	78 221	19 6	41.4950	-10.8238	3097	3105	13	44634	-130	-14
DISC90L2	78 221	1912	41.5067	-10.8342	3096	3103	13	44638	-131	-12
DISC90L2	78 221	1918	41.5183	-10.8448	3091	3098	13	44648	-126	-12
DISC90L2	78 221	1924	41.5298	-10.8550	3071	3078	13	44656	-123	-11
DISC90L2	78 221	1930	41.5413	-10.8655	3031	3038	13	44664	-119	-13
DISC90L2	78 221	1936	41.5528	-10.8762	3009	3016	13	44670	-118	-13
DISC90L2	78 221	1942	41.5643	-10.8867	3007	3014	13	44670	-123	-12
DISC90L2	78 221	1948	41.5758	-10.8972	2982	2988	13	44666	-132	-12
DISC90L2	78 221	1954	41.5877	-10.9077	2967	2974	13	44656	-147	-11
DISC90L2	78 221	20 0	41.5990	-10.9177	2937	2943	13	44644	-164	-9
DISC90L2	78 221	20 6	41.6107	-10.9283	2897	2902	13	44638	-175	-9
DISC90L2	78 221	2012	41.6225	-10.9390	2861	2868	13	44634	-184	-9
DISC90L2	78 221	2018	41.6340	-10.9490	2822	2827	13	44632	-190	-8
DISC90L2	78 221	2024	41.6450	-10.9590	2791	2796	13	44630	-197	-6
DISC90L2	78 221	2030	41.6567	-10.9695	2780	2785	13	44634	-198	-5
DISC90L2	78 221	2036	41.6682	-10.9797	2764	2769	13	44636	-201	-5
DISC90L2	78 221	2042	41.6797	-10.9902	2751	2756	13	44640	-202	-5
DISC90L2	78 221	2048	41.6912	-11.0007	2747	2752	13	44642	-205	-4
DISC90L2	78 221	2054	41.7028	-11.0115	2750	2756	13	44644	-208	-4
DISC90L2	78 221	21 0	41.7147	-11.0222	2732	2738	13	44650	-207	-4
DISC90L2	78 221	21 6	41.7267	-11.0327	2713	2718	13	44660	-202	-3
DISC90L2	78 221	2112	41.7385	-11.0430	2689	2694	13	44668	-199	-1
DISC90L2	78 221	2118	41.7503	-11.0532	2679	2685	13	44682	-190	2
DISC90L2	78 221	2124	41.7625	-11.0632	2671	2676	13	44692	-186	5
DISC90L2	78 221	2130	41.7747	-11.0738	2639	2644	13	44704	-179	9
DISC90L2	78 221	2136	41.7872	-11.0838	2614	2619	13	44720	-168	12
DISC90L2	78 221	2142	41.8000	-11.0937	2561	2564	13	44732	-162	15
DISC90L2	78 221	2148	41.8128	-11.1033	2492	2496	13	44746	-153	19
DISC90L2	78 221	2154	41.8257	-11.1133	2527	2531	13	44758	-147	21
DISC90L2	78 221	22 0	41.8380	-11.1227	2389	2392	13	44768	-142	24
DISC90L2	78 221	22 6	41.8505	-11.1323	2336	2339	13	44776	-139	27
DISC90L2	78 221	2212	41.8633	-11.1422	2248	2251	13	44788	-133	27
DISC90L2	78 221	2218	41.8760	-11.1522	2286	2290	13	44796	-130	27
DISC90L2	78 221	2224	41.8883	-11.1617	2334	2337	13	44806	-125	27
DISC90L2	78 221	2230	41.9008	-11.1708	2322	2324	13	44822	-115	27
DISC90L2	78 221	2236	41.9128	-11.1805	2315	2317	13	44836	-106	26
DISC90L2	78 221	2242	41.9257	-11.1903	2317	2321	13	44848	-99	26
DISC90L2	78 221	2248	41.9383	-11.1997	2337	2341	13	44862	-91	25
DISC90L2	78 221	2254	41.9517	-11.2098	2363	2367	13	44870	-88	25
DISC90L2	78 221	23 0	41.9647	-11.2195	2366	2370	13	44876	-88	25
DISC90L2	78 221	23 6	41.9773	-11.2295	2381	2385	13	44882	-87	25
DISC90L2	78 221	2312	41.9917	-11.2347	2391	2396	13	44894	-81	25
DISC90L2	78 221	2318	42.0022	-11.2237	2372	2376	13	44915	-66	25
DISC90L2	78 221	2324	42.0093	-11.2077	2316	2321	13	44922	-59	25
DISC90L2	78 221	2330	42.0182	-11.1923	2261	2264	13	44920	-64	25
DISC90L2	78 221	2336	42.0283	-11.1780	2359	2363	13	44912	-75	25
DISC90L2	78 221	2342	42.0385	-11.1635	2447	2451	13	44910	-81	25
DISC90L2	78 221	2348	42.0490	-11.1493	2551	2555	13	44916	-79	25
DISC90L2	78 221	2354	42.0592	-11.1350	2546	2551	13	44930	-68	25
DISC90L2 53	78 222	0 0	42.0682	-11.1200	2591	2595	13	44940	-62	25
DISC90L2	78 222	0 6	42.0788	-11.1072	2619	2624	13	44950	-56	25
DISC90L2	78 222	012	42.0895	-11.0938	2612	2617	13	44966	-43	25
DISC90L2	78 222	018	42.1003	-11.0810	2590	2595	13	44978	-35	25
DISC90L2	78 222	024	42.1112	-11.0683	2586	2591	13	44990	-27	25
DISC90L2	78 222	030	42.1223	-11.0557	2572	2577	13	44992	-29	25
DISC90L2	78 222	036	42.1330	-11.0435	2570	2575	13	44998	-27	25
DISC90L2	78 222	042	42.1448	-11.0313	2563	2568	13	45002	-27	25
DISC90L2	78 222	048	42.1567	-11.0195	2541	2546	13	45012	-22	25

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 222	054	42.1682	-11.0083	2532	2537	13	45014	-24	
DISC90L2	78 222	1 0	42.1797	-10.9968	2526	2529	13	45020	-23	
DISC90L2	78 222	1 6	42.1917	-10.9847	2519	2524	13	45022	-26	
DISC90L2	78 222	112	42.2037	-10.9728	2507	2511	13	45016	-36	
DISC90L2	78 222	118	42.2155	-10.9613	2490	2494	13	45038	-18	
DISC90L2	78 222	124	42.2273	-10.9497	2464	2469	13	45048	-13	
DISC90L2	78 222	130	42.2392	-10.9380	2382	2387	13	45050	-15	
DISC90L2	78 222	136	42.2512	-10.9268	2340	2343	13	45042	-28	
DISC90L2	78 222	142	42.2630	-10.9150	2256	2259	13	45028	-46	
DISC90L2	78 222	148	42.2748	-10.9032	2181	2184	13	45020	-58	
DISC90L2	78 222	154	42.2865	-10.8917	2092	2094	13	45008	-75	
DISC90L2	78 222	2 0	42.2977	-10.8803	2020	2023	13	45002	-85	
DISC90L2	78 222	2 6	42.3098	-10.8692	1959	1962	13	44988	-103	
DISC90L2	78 222	212	42.3222	-10.8580	1918	1920	13	44990	-106	
DISC90L2	78 222	218	42.3347	-10.8468	1888	1891	13	44984	-117	
DISC90L2	78 222	224	42.3470	-10.8350	1852	1854	13	44978	-127	
DISC90L2	78 222	230	42.3593	-10.8235	1819	1821	13	44972	-138	
DISC90L2	78 222	236	42.3695	-10.8115	1791	1794	13	44968	-146	
DISC90L2	78 222	242	42.3787	-10.8002	1765	1767	13	44958	-159	
DISC90L2	78 222	248	42.3908	-10.7892	1749	1752	13	44950	-171	
DISC90L2	78 222	254	42.4037	-10.7782	1739	1741	13	44950	-176	
DISC90L2	78 222	3 0	42.4167	-10.7670	1741	1743	13	44944	-187	
DISC90L2	78 222	3 6	42.4297	-10.7553	1751	1754	13	44938	-198	
DISC90L2	78 222	312	42.4427	-10.7437	1773	1776	13	44938	-203	
DISC90L2	78 222	318	42.4552	-10.7320	1796	1800	13	44936	-209	
DISC90L2	78 222	324	42.4675	-10.7212	1823	1825	13	44936	-214	
DISC90L2	78 222	330	42.4800	-10.7095	1851	1853	13	44938	-217	
DISC90L2	78 222	336	42.4923	-10.6983	1883	1885	13			
DISC90L2	78 222	342	42.5033	-10.6887	1916	1918	13			
DISC90L2	78 222	348	42.5157	-10.6777	1932	1935	13	44948	-220	
DISC90L2	78 222	354	42.5278	-10.6665	1946	1950	13	44956	-217	
DISC90L2	78 222	4 0	42.5400	-10.6552	1965	1968	13	44962	-215	
DISC90L2	78 222	4 6	42.5527	-10.6473	1983	1986	13	44968	-214	
DISC90L2	78 222	412	42.5657	-10.6422	2004	2006	13	44978	-209	
DISC90L2	78 222	418	42.5777	-10.6358	2028	2032	13	44982	-209	
DISC90L2	78 222	424	42.5900	-10.6287	2054	2057	13	44986	-210	
DISC90L2	78 222	430	42.6027	-10.6218	2090	2092	13	44992	-209	
DISC90L2	78 222	436	42.6155	-10.6148	2125	2127	13	45002	-204	
DISC90L2	78 222	442	42.6283	-10.6085	2169	2173	13	45006	-205	
DISC90L2	78 222	448	42.6415	-10.6018	2225	2227	13	45018	-198	
DISC90L2	78 222	454	42.6547	-10.5958	2293	2297	13	45028	-193	
DISC90L2	78 222	5 0	42.6680	-10.5893	2368	2372	13	45034	-192	
DISC90L2	78 222	5 6	42.6818	-10.5820	2444	2447	13	45044	-187	
DISC90L2	78 222	512	42.6957	-10.5748	2523	2527	13	45052	-184	
DISC90L2	78 222	518	42.7088	-10.5675	2605	2610	13	45058	-183	
DISC90L2	78 222	524	42.7223	-10.5597	2648	2652	13	45068	-178	
DISC90L2	78 222	530	42.7352	-10.5522	2672	2677	13	45068	-183	
DISC90L2	78 222	536	42.7482	-10.5450	2714	2719	13	45074	-182	
DISC90L2	78 222	542	42.7618	-10.5393	2764	2769	13	45076	-186	
DISC90L2	78 222	548	42.7762	-10.5382	2810	2815	13	45082	-185	
DISC90L2	78 222	554	42.7912	-10.5363	2879	2886	13	45090	-183	
DISC90L2	78 222	6 0	42.8065	-10.5345	2934	2941	13	45092	-187	
DISC90L2	78 222	6 6	42.8213	-10.5347	3008	3014	13	45102	-183	
DISC90L2	78 222	612	42.8368	-10.5327	3057	3065	13	45110	-181	
DISC90L2	78 222	618	42.8525	-10.5293	3103	3111	13	45120	-177	
DISC90L2	78 222	624	42.8680	-10.5268	3144	3153	13	45124	-179	
DISC90L2	78 222	630	42.8835	-10.5250	3181	3189	13	45130	-179	
DISC90L2	78 222	636	42.8990	-10.5225	3211	3219	13	45140	-175	
DISC90L2	78 222	642	42.9138	-10.5208	3246	3255	13	45142	-179	
DISC90L2	78 222	648	42.9285	-10.5192	3276	3286	13	45145	-185	
DISC90L2	78 222	654	42.9433	-10.5177	3310	3319	13	45152	-180	
DISC90L2	78 222	7 0	42.9585	-10.5155	3343	3352	13	45154	-184	
DISC90L2	78 222	7 6	42.9732	-10.5135	3384	3394	13	45158	-186	
DISC90L2	78 222	712	42.9877	-10.5115	3409	3420	13	45160	-190	
DISC90L2	78 222	718	42.9998	-10.5008	3427	3438	13	45164	-190	
DISC90L2	78 222	724	43.0068	-10.4847	3427	3438	13	45166	-190	
DISC90L2	78 222	730	43.0118	-10.4683	3437	3449	13	45164	-194	
DISC90L2	78 222	736	43.0158	-10.4505	3454	3466	13	45166	-193	
DISC90L2	78 222	742	43.0195	-10.4333	3463	3475	13	45164	-196	
DISC90L2	78 222	748	43.0288	-10.4175	3461	3473	13	45170	-193	
DISC90L2	78 222	754	43.0400	-10.4018	3462	3473	13	45176	-191	
DISC90L2	78 222	8 0	43.0512	-10.3858	3484	3495	13	45184	-187	
DISC90L2	78 222	8 6	43.0613	-10.3702	3487	3498	13	45190	-184	
DISC90L2	78 222	812	43.0725	-10.3537	3487	3498	13	45196	-182	
DISC90L2	78 222	818	43.0835	-10.3378	3476	3488	13	45204	-178	
DISC90L2	78 222	824	43.0950	-10.3217	3462	3473	13	45210	-176	
DISC90L2	78 222	830	38.9640	-15.4483	3437	3449	13			
DISC90L2	78 222	836	38.9755	-15.4350						
DISC90L2	78 222	842	38.9870	-15.4217						
DISC90L2	78 222	848	38.9985	-15.4083						
DISC90L2	78 222	854	43.1470	-10.2473						
DISC90L2 54	78 223	1954	43.3937	-8.5182						
DISC90L2	78 223	20 0	43.3948	-8.5208						
DISC90L2	78 223	20 6	43.3953	-8.5225						
DISC90L2	78 223	2012	43.3958	-8.5268						
DISC90L2	78 223	2018	43.3958	-8.5292						
DISC90L2	78 223	2024	43.3958	-8.5513						
DISC90L2	78 223	2030	43.3958	-8.5625						
DISC90L2	78 223	2036	43.3958	-8.5738						
DISC90L2	78 223	2042	43.3958	-8.5850						
DISC90L2	78 223	2048	43.3953	-8.5973						
DISC90L2	78 223	2054	43.4007	-8.6030						
DISC90L2	78 223	21 0	43.4162	-8.6040						

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CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	54 78 223	21 6	43.4378	-8.6050						24
DISC90L2	78 223	21 12	43.4590	-8.6063				45372	-120	22
DISC90L2	78 223	21 18	43.4815	-8.6050				45384	-116	18
DISC90L2	78 223	21 24	43.5038	-8.6038				45390	-119	17
DISC90L2	78 223	21 30	43.5260	-8.6027				45408	-109	16
DISC90L2	78 223	21 36	43.5483	-8.6015	147	152	12	45412	-113	16
DISC90L2	78 223	21 42	43.5707	-8.6003	145	150	12	45420	-114	22
DISC90L2	78 223	21 48	43.5928	-8.5992	152	157	12	45416	-126	24
DISC90L2	78 223	21 54	43.6150	-8.5978	161	165	12	45424	-126	27
DISC90L2	78 223	22 0	43.6372	-8.5967	163	166	12	45420	-139	26
DISC90L2	78 223	22 6	43.6590	-8.5953	166	170	12	45410	-157	32
DISC90L2	78 223	22 12	43.6810	-8.5940	176	181	12	45418	-157	31
DISC90L2	78 223	22 18	43.7030	-8.5928	181	187	12	45416	-167	31
DISC90L2	78 223	22 24	43.7250	-8.5915	185	190	12	45428	-164	31
DISC90L2	78 223	22 30	43.7472	-8.5903	199	205	12	45438	-162	31
DISC90L2	78 223	22 36	43.7693	-8.5890	225	230	12	45446	-162	33
DISC90L2	78 223	22 42	43.7912	-8.5875	250	254	12	45458	-158	34
DISC90L2	78 223	22 48	43.8133	-8.5863	270	274	12	45458	-167	36
DISC90L2	78 223	22 54	43.8353	-8.5850	283	287	12	45464	-169	42
DISC90L2	78 223	23 0	43.8573	-8.5837	298	302	12	45470	-171	44
DISC90L2	78 223	23 6	43.8795	-8.5823	321	326	12	45478	-171	48
DISC90L2	78 223	23 12	43.9012	-8.5810	337	342	12	45486	-172	51
DISC90L2	78 223	23 18	43.9232	-8.5797	361	364	12	45498	-168	54
DISC90L2	78 223	23 24	43.9450	-8.5785	371	375	12	45510	-164	60
DISC90L2	78 223	23 30	43.9668	-8.5772	371	375	12	45522	-160	67
DISC90L2	78 223	23 36	43.9890	-8.5758	366	369	12	45534	-156	74
DISC90L2	78 223	23 42	44.0108	-8.5747	357	362	12	45546	-152	78
DISC90L2	78 223	23 48	44.0325	-8.5732	353	358	12	45560	-147	80
DISC90L2	78 223	23 54	44.0543	-8.5720	352	357	12	45574	-141	89
DISC90L2	55 78 224	0 0	44.0755	-8.5710	356	360	12	45586	-136	98
DISC90L2	78 224	0 6	44.0968	-8.5707	368	369	12	45588	-142	104
DISC90L2	78 224	0 12	44.1182	-8.5698	375	379	12	45596	-142	110
DISC90L2	78 224	0 18	44.1395	-8.5688	386	390	12	45608	-137	113
DISC90L2	78 224	0 24	44.1610	-8.5678	421	424	12	45620	-133	114
DISC90L2	78 224	0 30	44.1823	-8.5668	531	534	12	45638	-123	107
DISC90L2	78 224	0 36	44.2037	-8.5658	961	964	12	45656	-113	85
DISC90L2	78 224	0 42	44.2245	-8.5648	1526	1527	12	45678	-98	59
DISC90L2	78 224	0 48	44.2458	-8.5640	1756	1756	12	45698	-86	35
DISC90L2	78 224	0 54	44.2670	-8.5630	2231	2231	12	45710	-82	9
DISC90L2	78 224	1 0	44.2883	-8.5620	3025	3027	12	45726	-73	-17
DISC90L2	78 224	1 6	44.3095	-8.5610	3212	3215	12	45738	-69	-42
DISC90L2	78 224	1 12	44.3308	-8.5600	3607	3616	12	45750	-65	-59
DISC90L2	78 224	1 18	44.3522	-8.5590	4018	4033	12	45758	-65	-74
DISC90L2	78 224	1 24	44.3735	-8.5580	4399	4422	12	45772	-58	-87
DISC90L2	78 224	1 30	44.3947	-8.5568	4603	4632	12	45792	-46	-99
DISC90L2	78 224	1 36	44.4157	-8.5563	4752	4786	12	45808	-38	-104
DISC90L2	78 224	1 42	44.4367	-8.5563	4832	4868	12	45822	-31	-107
DISC90L2	78 224	1 48	44.4582	-8.5563	4868	4905	12	45832	-29	-107
DISC90L2	78 224	1 54	44.4795	-8.5563	4868	4905	12	45832	-37	-104
DISC90L2	78 224	2 0	44.5007	-8.5563	4868	4907	12	45834	-43	-102
DISC90L2	78 224	2 6	44.5220	-8.5563	4868	4905	12	45828	-56	-97
DISC90L2	78 224	2 12	44.5437	-8.5563	4868	4905	12	45826	-66	-93
DISC90L2	78 224	2 18	44.5650	-8.5563	4868	4905	12	45820	-80	-87
DISC90L2	78 224	2 24	44.5865	-8.5563	4868	4905	12	45806	-102	-83
DISC90L2	78 224	2 30	44.6080	-8.5563	4868	4905	12	45784	-135	-78
DISC90L2	78 224	2 36	44.6292	-8.5545	4867	4905	12	45764	-159	-74
DISC90L2	78 224	2 42	44.6490	-8.5440	4867	4905	12	45752	-178	-71
DISC90L2	78 224	2 48	44.6698	-8.5423	4867	4905	12	45758	-180	-64
DISC90L2	78 224	2 54	44.6912	-8.5418	4867	4905	12	45766	-180	-57
DISC90L2	78 224	3 0	44.7125	-8.5413	4867	4905	12	45772	-181	-52
DISC90L2	78 224	3 6	44.7340	-8.5413	4865	4903	12	45782	-179	-48
DISC90L2	78 224	3 12	44.7557	-8.5420	4864	4901	12	45790	-179	-44
DISC90L2	78 224	3 18	44.7770	-8.5425	4863	4901	12	45792	-185	-40
DISC90L2	78 224	3 24	44.7982	-8.5428	4863	4901	12	45794	-191	-39
DISC90L2	78 224	3 30	44.8192	-8.5433	4863	4901	12	45804	-188	-37
DISC90L2	78 224	3 36	44.8403	-8.5438	4863	4901	12	45822	-178	-35
DISC90L2	78 224	3 42	44.8618	-8.5445	4863	4901	12	45846	-162	-34
DISC90L2	78 224	3 48	44.8832	-8.5448	4863	4901	12	45860	-155	-35
DISC90L2	78 224	3 54	44.9042	-8.5448	4863	4901	12	45872	-151	-33
DISC90L2	78 224	4 0	44.9252	-8.5443	4863	4901	12	45902	-129	-32
DISC90L2	78 224	4 6	44.9462	-8.5435	4862	4899	12	45938	-100	-32
DISC90L2	78 224	4 12	44.9672	-8.5428	4861	4898	12	45956	-90	-31
DISC90L2	78 224	4 18	44.9883	-8.5423	4864	4901	12	45954	-100	-30
DISC90L2	78 224	4 24	45.0093	-8.5417	4863	4901	12	45932	-129	-29
DISC90L2	78 224	4 30	45.0300	-8.5408	4862	4899	12	45888	-181	-29
DISC90L2	78 224	4 36	45.0510	-8.5398	4859	4896	12	45838	-238	-29
DISC90L2	78 224	4 42	45.0720	-8.5385	4858	4896	12	45826	-257	-29
DISC90L2	78 224	4 48	45.0930	-8.5375	4859	4896	12	45846	-245	-28
DISC90L2	78 224	4 54	45.1138	-8.5363	4860	4898	12	45882	-216	-29
DISC90L2	78 224	5 0	45.1348	-8.5352	4860	4898	12	45930	-175	-27
DISC90L2	78 224	5 6	45.1557	-8.5338	4859	4896	12	45978	-135	-26
DISC90L2	78 224	5 12	45.1767	-8.5327	4857	4894	12	46026	-94	-24
DISC90L2	78 224	5 18	45.1975	-8.5313	4857	4894	12	46068	-59	-21
DISC90L2	78 224	5 24	45.2185	-8.5302	4856	4892	12	46092	-43	-18
DISC90L2	78 224	5 30	45.2395	-8.5288	4852	4888	12	46078	-64	-16
DISC90L2	78 224	5 36	45.2605	-8.5277	4855	4892	12	46052	-97	-15
DISC90L2	78 224	5 42	45.2815	-8.5265	4854	4890	12	46046	-111	-14
DISC90L2	78 224	5 48	45.3025	-8.5253	4853	4890	12	46058	-106	-13
DISC90L2	78 224	5 54	45.3233	-8.5242	4852	4888	12	46084	-87	-13
DISC90L2	78 224	6 0	45.3445	-8.5230	4851	4888	12	46110	-69	-11
DISC90L2	78 224	6 6	45.3653	-8.5218	4849	4885	12	46136	-50	-10
DISC90L2	78 224	612	45.3863	-8.5207	4849	4885	12	46152	-42	-8
DISC90L2	78 224	618	45.4075	-8.5193	4848	4885	12	46162	-39	-5

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 224	624	45.4283	-8.5183	4847	4883	12	46170	-38	-2
DISC90L2	78 224	630	45.4493	-8.5170	4845	4881	12	46174	-42	-1
DISC90L2	78 224	636	45.4703	-8.5157	4843	4879	12	46176	-47	1
DISC90L2	78 224	642	45.4912	-8.5145	4842	4877	12	46180	-50	3
DISC90L2	78 224	648	45.5120	-8.5132	4839	4876	12	46190	-48	3
DISC90L2	78 224	654	45.5323	-8.5113	4836	4876	12	46192	-53	3
DISC90L2	78 224	7 0	45.5532	-8.5105	4836	4872	12	46172	-80	3
DISC90L2	78 224	7 6	45.5740	-8.5095	4835	4872	12	46144	-115	4
DISC90L2	78 224	712	45.5948	-8.5087	4834	4870	12	46134	-133	2
DISC90L2	78 224	715	45.6157	-8.5077	4833	4870	12	46134	-140	0
DISC90L2	78 224	724	45.6378	-8.5068	4833	4870	12	46136	-145	-2
DISC90L2	78 224	730	45.6577	-8.5058	4832	4868	12	46140	-149	-4
DISC90L2	78 224	736	45.6785	-8.5050	4829	4865	12	46142	-154	-7
DISC90L2	78 224	742	45.6995	-8.5042	4828	4865	12	46156	-147	-9
DISC90L2	78 224	748	45.7207	-8.5033	4827	4863	12	46172	-139	-10
DISC90L2	78 224	754	45.7413	-8.5023	4826	4863	12	45196	-122	-12
DISC90L2	78 224	8 0	45.7618	-8.5017	4824	4858	12	46220	-105	-14
DISC90L2	78 224	8 6	45.7825	-8.5013	4822	4857	12	46236	-97	-15
DISC90L2	78 224	812	45.8032	-8.5008	4821	4857	12	46240	-100	-18
DISC90L2	78 224	818	45.8237	-8.5005	4818	4854	12	46236	-111	-19
DISC90L2	78 224	824	45.8443	-8.5000	4817	4852	12	46236	-118	-20
DISC90L2	78 224	830	45.8648	-8.4995	4814	4850	12	46240	-121	-22
DISC90L2	78 224	836	45.8857	-8.4990	4812	4848	12	46250	-119	-22
DISC90L2	78 224	842	45.9063	-8.4985	4809	4844	12	46266	-110	-23
DISC90L2	78 224	848	45.9272	-8.4982	4808	4843	12	46298	-85	-22
DISC90L2	78 224	854	45.9477	-8.4977	4805	4839	12	46336	-55	-22
DISC90L2	78 224	9 0	45.9682	-8.4972	4804	4839	12	46374	-24	-22
DISC90L2	78 224	9 6	45.9887	-8.4967	4801	4835	12	46402	-3	-22
DISC90L2	78 224	912	46.0090	-8.4960	4798	4834	12	46410	-2	-22
DISC90L2	78 224	918	46.0298	-8.4957	4795	4830	12	46414	-5	-22
DISC90L2	78 224	924	46.0505	-8.4950	4793	4828	12	46434	7	-23
DISC90L2	78 224	930	46.0712	-8.4947	4794	4830	12	46468	34	-24
DISC90L2	78 224	936	46.0918	-8.4942	4788	4823	12	46486	45	-24
DISC90L2	78 224	942	46.1125	-8.4937	4787	4823	12	46482	34	-25
DISC90L2	78 224	948	46.1332	-8.4935	4785	4819	12	46456	1	-25
DISC90L2	78 224	954	46.1535	-8.4928	4779	4813	12	46408	-53	-27
DISC90L2	78 224	10 0	46.1743	-8.4922	4778	4812	12	46358	-110	-27
DISC90L2	78 224	10 6	46.1948	-8.4915	4777	4812	12	46322	-153	-31
DISC90L2	78 224	1012	46.2153	-8.4910	4774	4808	12	46306	-176	-31
DISC90L2	78 224	1018	46.2360	-8.4905	4772	4806	12	46312	-177	-32
DISC90L2	78 224	1024	46.2567	-8.4898	4770	4804	12	46330	-166	-32
DISC90L2	78 224	1030	46.2772	-8.4873	4767	4801	12	46338	-165	-31
DISC90L2	78 224	1036	46.2977	-8.4858	4770	4804	12	46332	-178	-30
DISC90L2	78 224	1042	46.3183	-8.4853	4765	4799	12	46306	-211	-29
DISC90L2	78 224	1048	46.3392	-8.4843	4763	4797	12	46272	-252	-27
DISC90L2	78 224	1054	46.3598	-8.4833	4754	4788	12	46240	-291	-25
DISC90L2	78 224	11 0	46.3767	-8.4822	4745	4779	12	46226	-311	-24
DISC90L2	78 224	11 6	46.3857	-8.4813	4741	4775	12	46222	-318	-24
DISC90L2	78 224	1112	46.3930	-8.4808	4741	4775	12	46226	-316	-22
DISC90L2	78 224	1118	46.4012	-8.4802	4742	4775	12	46226	-319	-22
DISC90L2	78 224	1124	46.4105	-8.4795	4740	4773	12	46232	-316	-21
DISC90L2	78 224	1130	46.4198	-8.4788	4737	4770	12	46238	-313	-19
DISC90L2	78 224	1136	46.4290	-8.4782	4737	4770	12	46244	-310	-18
DISC90L2	78 224	1142	46.4380	-8.4775	4737	4770	12	46252	-305	-18
DISC90L2	78 224	1148	46.4470	-8.4770	4731	4764	12	46260	-300	-16
DISC90L2	78 224	1154	46.4558	-8.4763	4727	4759	12	46270	-293	-16
DISC90L2	78 224	12 0	46.4645	-8.4758	4723	4755	12	46282	-284	-14
DISC90L2	78 224	12 6	46.4732	-8.4752	4721	4753	12	46288	-281	-13
DISC90L2	78 224	1212	46.4823	-8.4745	4722	4755	12	46300	-272	-13
DISC90L2	78 224	1218	46.4925	-8.4738	4721	4753	12	46310	-266	-11
DISC90L2	78 224	1224	46.5032	-8.4732	4719	4751	12	46324	-256	-11
DISC90L2	78 224	1230	46.5137	-8.4725	4717	4749	12	46334	-249	-9
DISC90L2	78 224	1236	46.5240	-8.4718	4713	4746	12	46346	-241	-8
DISC90L2	78 224	1242	46.5345	-8.4712	4712	4744	12	46358	-232	-7
DISC90L2	78 224	1248	46.5457	-8.4702	4712	4744	12	46366	-228	-7
DISC90L2	78 224	1254	46.5572	-8.4693	4712	4744	12	46378	-220	-7
DISC90L2	78 224	13 0	46.5687	-8.4687	4707	4738	12	46388	-214	-7
DISC90L2	78 224	13 6	46.5802	-8.4680	4702	4735	12	46396	-210	-7
DISC90L2	78 224	1312	46.5915	-8.4672	4699	4731	12	46402	-207	-6
DISC90L2	78 224	1318	46.6030	-8.4665	4697	4729	12	46412	-201	-5
DISC90L2	78 224	1324	46.6145	-8.4658	4694	4726	12	46420	-197	-5
DISC90L2	78 224	1330	46.6260	-8.4652	4692	4724	12	46424	-197	-4
DISC90L2	78 224	1336	46.6377	-8.4643	4688	4718	12	46430	-195	-3
DISC90L2	78 224	1342	46.6490	-8.4637	4684	4715	12	46436	-193	-2
DISC90L2	78 224	1348	46.6603	-8.4627	4673	4704	12	46436	-197	-1
DISC90L2	78 224	1354	46.6715	-8.4620	4662	4693	12	46438	-199	2
DISC90L2	78 224	14 0	46.6830	-8.4612	4648	4678	12	46438	-202	3
DISC90L2	78 224	14 6	46.6943	-8.4605	4617	4647	12	46438	-206	6
DISC90L2	78 224	1412	46.7055	-8.4597	4566	4552	12	46440	-208	9
DISC90L2	78 224	1418	46.7170	-8.4588	4575	4599	12	46440	-212	11
DISC90L2	78 224	1424	46.7282	-8.4582	4502	4528	12	46442	-214	14
DISC90L2	78 224	1430	46.7397	-8.4573	4272	4292	12	46442	-218	18
DISC90L2	78 224	1436	46.7510	-8.4567	4207	4225	12	46442	-221	21
DISC90L2	78 224	1442	46.7625	-8.4560	4083	4098	12	46440	-227	27
DISC90L2	78 224	1448	46.7740	-8.4552	3972	3985	12	46436	-235	32
DISC90L2	78 224	1454	46.7855	-8.4543	3907	3919	12	46436	-239	34
DISC90L2	78 224	15 0	46.7970	-8.4537	3864	3875	12	46436	-243	37
DISC90L2	78 224	15 6	46.8083	-8.4530	3834	3846	12	46442	-241	40
DISC90L2	78 224	1512	46.8190	-8.4555	3798	3809	12	46446	-241	41
DISC90L2	78 224	1518	46.8232	-8.4677	3770	3780	12	46448	-240	42
DISC90L2	78 224	1524	46.8233	-8.4830	3755	3765	12	46450	-239	44
DISC90L2	78 224	1530	46.8233	-8.5010	3752	3762	12	46454	-235	48
DISC90L2	78 224	1536	46.8233	-8.5195	3750	3760	12	46458	-231	49

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 55	78 224	1542	46.8233	-8.5372	3755	3765	12	46458	-232	53
DISC90L2	78 224	1548	46.8237	-8.5547	3763	3773	12	46460	-230	52
DISC90L2	78 224	1554	46.8238	-8.5718	3773	3784	12	46464	-227	54
DISC90L2	78 224	16 0	46.8240	-8.5885	3785	3797	12	46466	-225	55
DISC90L2	78 224	16 6	46.8247	-8.6055	3796	3808	12	46466	-226	58
DISC90L2	78 224	1612	46.8253	-8.6218	3818	3830	12	46464	-228	57
DISC90L2	78 224	1618	46.8262	-8.6385	3842	3853	12	46466	-227	57
DISC90L2	78 224	1624	46.8292	-8.6553	3867	3879	12	46468	-226	57
DISC90L2	78 224	1630	46.8400	-8.6605	3917	3930	12	46476	-222	57
DISC90L2	78 224	1636	46.8518	-8.6602	3954	3968	12	46482	-220	55
DISC90L2	78 224	1642	46.8640	-8.6598	3987	4001	12	46490	-216	52
DISC90L2	78 224	1648	46.8758	-8.6593	4007	4022	12	46494	-216	50
DISC90L2	78 224	1654	46.8877	-8.6590	4030	4045	12	46498	-216	47
DISC90L2	78 224	17 0	46.8997	-8.6587	4036	4051	12	46502	-216	44
DISC90L2	78 224	17 6	46.9118	-8.6582	4077	4093	12	46504	-219	40
DISC90L2	78 224	1712	46.9238	-8.6577	4102	4118	12	46510	-217	37
DISC90L2	78 224	1718	46.9357	-8.6573	4121	4137	12	46514	-217	34
DISC90L2	78 224	1724	46.9475	-8.6568	4118	4135	12	46520	-215	30
DISC90L2	78 224	1730	46.9595	-8.6563	4103	4120	12	46526	-213	25
DISC90L2	78 224	1736	46.9715	-8.6558	4122	4139	12	46532	-211	20
DISC90L2	78 224	1742	46.9832	-8.6555	4188	4206	12	46540	-207	14
DISC90L2	78 224	1748	46.9948	-8.6562	4274	4294	12	46550	-201	8
DISC90L2	78 224	1754	47.0063	-8.6563	4283	4303	12	46556	-199	3
DISC90L2	78 224	18 0	47.0180	-8.6568	4284	4303	12	46562	-197	-1
DISC90L2	78 224	18 6	47.0295	-8.6570	4304	4325	12	46570	-193	-6
DISC90L2	78 224	1812	47.0413	-8.6570	4323	4343	12	46578	-188	-10
DISC90L2	78 224	1818	47.0530	-8.6572	4329	4351	12	46586	-184	-15
DISC90L2	78 224	1824	47.0648	-8.6572	4339	4362	12	46592	-182	-19
DISC90L2	78 224	1830	47.0767	-8.6573	4342	4364	12	46602	-176	-23
DISC90L2	78 224	1836	47.0880	-8.6523	4331	4353	12	46606	-176	-23
DISC90L2	78 224	1842	47.0983	-8.6443	4328	4349	12	46612	-173	-28
DISC90L2	78 224	1848	47.1087	-8.6365	4329	4351	12	46620	-168	-30
DISC90L2	78 224	1854	47.1188	-8.6290	4325	4345	12	46628	-163	-32
DISC90L2	78 224	19 0	47.1290	-8.6213	4323	4343	12	46634	-160	-34
DISC90L2	78 224	19 6	47.1395	-8.6133	4317	4338	12	46646	-152	-35
DISC90L2	78 224	1912	47.1500	-8.6050	4309	4331	12	46654	-147	-35
DISC90L2	78 224	1918	47.1603	-8.5970	4299	4320	12	46660	-144	-37
DISC90L2	78 224	1924	47.1707	-8.5888	4283	4303	12	46670	-137	-37
DISC90L2	78 224	1930	47.1810	-8.5807	4272	4292	12	46682	-128	-36
DISC90L2	78 224	1936	47.1910	-8.5727	4259	4279	12	46690	-124	-36
DISC90L2	78 224	1942	47.2013	-8.5645	4243	4263	12	46704	-113	-36
DISC90L2	78 224	1948	47.2115	-8.5569	4224	4243	12	46714	-106	-34
DISC90L2	78 224	1954	47.2218	-8.5483	4222	4241	12	46724	-99	-32
DISC90L2	78 224	20 0	47.2320	-8.5402	4193	4212	12	46738	-88	-30
DISC90L2	78 224	20 6	47.2423	-8.5316	4180	4199	12	46750	-79	-28
DISC90L2	78 224	2012	47.2528	-8.5237	4147	4164	12	46764	-69	-23
DISC90L2	78 224	2018	47.2630	-8.5157	3892	3904	12	46772	-64	-19
DISC90L2	78 224	2024	47.2732	-8.5077	3796	3808	12	46778	-61	-15
DISC90L2	78 224	2030	47.2835	-8.4997	3567	3573	12	46782	-60	-10
DISC90L2	78 224	2036	47.2940	-8.4915	3455	3460	12	46784	-61	-7
DISC90L2	78 224	2042	47.3043	-8.4833	3276	3281	12	46786	-63	-4
DISC90L2	78 224	2048	47.3147	-8.4753	2956	2959	12	46792	-60	-0
DISC90L2	78 224	2054	47.3248	-8.4672	2784	2785	12	46794	-61	2
DISC90L2	78 224	21 0	47.3348	-8.4593	2707	2708	12	46798	-60	4
DISC90L2	78 224	21 6	47.3452	-8.4512	2630	2630	12	46800	-61	6
DISC90L2	78 224	2112	47.3555	-8.4428	2570	2569	12	46800	-64	7
DISC90L2	78 224	2118	47.3657	-8.4348	2501	2502	12	46796	-72	8
DISC90L2	78 224	2124	47.3757	-8.4267	2423	2423	12	46792	-79	9
DISC90L2	78 224	2130	47.3857	-8.4185	2355	2355	12	46788	-86	9
DISC90L2	78 224	2136	47.3958	-8.4105	2301	2301	12	46788	-89	8
DISC90L2	78 224	2142	47.4057	-8.4023	2259	2259	12	46786	-94	8
DISC90L2	78 224	2148	47.4153	-8.3947	2213	2213	12	46786	-97	7
DISC90L2	78 224	2154	47.4250	-8.3870	2186	2185	12	46788	-98	6
DISC90L2	78 224	22 0	47.4348	-8.3793	2153	2152	12	46794	-95	6
DISC90L2	78 224	22 6	47.4445	-8.3718	2130	2129	12	46798	-94	6
DISC90L2	78 224	2212	47.4545	-8.3647	2108	2109	12	46806	-89	6
DISC90L2	78 224	2218	47.4643	-8.3572	2092	2092	12	46816	-82	7
DISC90L2	78 224	2224	47.4742	-8.3497	2076	2076	12	46826	-75	8
DISC90L2	78 224	2230	47.4840	-8.3420	2063	2063	12	46832	-72	8
DISC90L2	78 224	2236	47.4935	-8.3338	2056	2056	12	46840	-67	9
DISC90L2	78 224	2242	47.5025	-8.3248	2051	2050	12	46846	-64	10
DISC90L2	78 224	2248	47.5112	-8.3193	2047	2046	12	46850	-62	11
DISC90L2	78 224	2254	47.5203	-8.3070	2051	2050	12	46854	-61	10
DISC90L2	78 224	23 0	47.5302	-8.3012	2058	2057	12			12
DISC90L2	78 224	23 6	47.5370	-8.2967	2066	2067	12			13
DISC90L2	78 224	2312	47.5447	-8.2928	2082	2081	12			15
DISC90L2	78 224	2318	47.5525	-8.2888	2095	2094	12			14
DISC90L2	78 224	2324	47.5603	-8.2855	2089	2088	12			15
DISC90L2	78 224	2330	47.5675	-8.2813	2063	2063	12			17
DISC90L2	78 224	2336	47.5745	-8.2760	2045	2045	12			21
DISC90L2	78 224	2342	47.5812	-8.2705	2030	2030	12			23
DISC90L2	78 224	2348	47.5807	-8.2640	2041	2041	12			21
DISC90L2	78 224	2354	47.5778	-8.2582	2055	2054	12			19
DISC90L2	78 224	2354	47.5733	-8.2520	2082	2081	12			20
DISC90L2 56	78 225	0 0	47.5685	-8.2473						17
DISC90L2	78 225	0 6	47.5627	-8.2428	2093	2092	12			14
DISC90L2	78 225	012	47.5563	-8.2383						12
DISC90L2	78 225	018	47.5498	-8.2348	2142	2142	12			11
DISC90L2	78 225	024	47.5435	-8.2322						10
DISC90L2	78 225	030	47.5370	-8.2287	2176	2176	12			7
DISC90L2	78 225	036	47.5317	-8.2255						6
DISC90L2	78 225	042	47.5257	-8.2222	2199	2200	12			4
DISC90L2	78 225	054	47.5193	-8.2190						3

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 225	1 0	47.5138	-8.2157	2262	2262	12			2
DISC90L2	78 225	1 6	47.5078	-8.2123						-1
DISC90L2	78 225	112	47.5023	-8.2090	2306	2306	12			-2
DISC90L2	78 225	118	47.4970	-8.2062						-1
DISC90L2	78 225	124	47.4908	-8.2032	2283	2282	12			-4
DISC90L2	78 225	130	47.4853	-8.2002						-3
DISC90L2	78 225	136	47.4790	-8.1972	2307	2306	12			-4
DISC90L2	78 225	142	47.4735	-8.1942						-6
DISC90L2	78 225	148	47.4683	-8.1912	2336	2335	12			-7
DISC90L2	78 225	154	47.4630	-8.1882						-8
DISC90L2	78 225	2 0	47.4578	-8.1853	2362	2361	12			-9
DISC90L2	78 225	2 6	47.4525	-8.1822						-9
DISC90L2	78 225	212	47.4463	-8.1797	2363	2363	12			-9
DISC90L2	78 225	218	47.4400	-8.1772						-11
DISC90L2	78 225	224	47.4342	-8.1748	2384	2385	12			-13
DISC90L2	78 225	230	47.4277	-8.1723						-13
DISC90L2	78 225	236	47.4207	-8.1700	2501	2502	12			-13
DISC90L2	78 225	242	47.4143	-8.1675						-15
DISC90L2	78 225	248	47.4077	-8.1652	2523	2522	12			-17
DISC90L2	78 225	254	47.4013	-8.1625						-19
DISC90L2	78 225	3 0	47.3952	-8.1607	2648	2648	12			-20
DISC90L2	78 225	3 6	47.3895	-8.1590						-20
DISC90L2	78 225	312	47.3845	-8.1573	2727	2727	12			-23
DISC90L2	78 225	318	47.3795	-8.1568						-24
DISC90L2	78 225	324	47.3743	-8.1567	2821	2822	12			-24
DISC90L2	78 225	330	47.3692	-8.1567						-26
DISC90L2	78 225	336	47.3642	-8.1567	2922	2922	12			-26
DISC90L2	78 225	342	47.3588	-8.1568	2838	2840	12			-27
DISC90L2	78 225	348	47.3538	-8.1567	2874	2875	12			-29
DISC90L2	78 225	354	47.3488	-8.1567						-29
DISC90L2	78 225	4 0	47.3437	-8.1573	3037	3039	12			-30
DISC90L2	78 225	4 6	47.3382	-8.1582						-32
DISC90L2	78 225	412	47.3325	-8.1592	2969	2970	12			-32
DISC90L2	78 225	418	47.3265	-8.1605						-31
DISC90L2	78 225	424	47.3210	-8.1615	3128	3131	12			-34
DISC90L2	78 225	430	47.3158	-8.1625						-33
DISC90L2	78 225	436	47.3103	-8.1635	3133	3136	12			-32
DISC90L2	78 225	442	47.3048	-8.1647						-33
DISC90L2	78 225	448	47.2992	-8.1660	3219	3222	12			-33
DISC90L2	78 225	454	47.2937	-8.1672						-32
DISC90L2	78 225	5 0	47.2882	-8.1682	2959	2961	12			-33
DISC90L2	78 225	5 6	47.2825	-8.1693						-31
DISC90L2	78 225	512	47.2772	-8.1707	3009	3010	12			-31
DISC90L2	78 225	518	47.2718	-8.1728						-31
DISC90L2	78 225	524	47.2683	-8.1775	2978	2979	12			-29
DISC90L2	78 225	530	47.2650	-8.1822						-29
DISC90L2	78 225	536	47.2610	-8.1873	2959	2961	12			-27
DISC90L2	78 225	542	47.2570	-8.1928						-26
DISC90L2	78 225	548	47.2532	-8.1980	2938	2939	12			-23
DISC90L2	78 225	554	47.2498	-8.2025						-23
DISC90L2	78 225	6 0	47.2465	-8.2068	2943	2944	12			-23
DISC90L2	78 225	6 6	47.2432	-8.2118						-23
DISC90L2	78 225	612	47.2397	-8.2167	2958	2961	12			-20
DISC90L2	78 225	618	47.2360	-8.2217						-20
DISC90L2	78 225	624	47.2332	-8.2262	2994	2996	12			-18
DISC90L2	78 225	630	47.2300	-8.2313						-17
DISC90L2	78 225	636	47.2257	-8.2357	3033	3036	12			-17
DISC90L2	78 225	642	47.2222	-8.2407						-17
DISC90L2	78 225	648	47.2182	-8.2462	3026	3028	12			-17
DISC90L2	78 225	654	47.2143	-8.2513						-16
DISC90L2	78 225	7 0	47.2107	-8.2568	3049	3050	12			-15
DISC90L2	78 225	7 6	47.2068	-8.2620						-17
DISC90L2	78 225	712	47.2030	-8.2657	3136	3138	12			-12
DISC90L2	78 225	718	47.1988	-8.2672						-16
DISC90L2	78 225	724	47.1945	-8.2685	3622	3630	12			-17
DISC90L2	78 225	730	47.1903	-8.2698						-19
DISC90L2	78 225	736	47.1858	-8.2703	3845	3857	12			-21
DISC90L2	78 225	742	47.1805	-8.2705						-24
DISC90L2	78 225	748	47.1752	-8.2708	3902	3915	12			-25
DISC90L2	78 225	754	47.1707	-8.2710						-28
DISC90L2	78 225	8 0	47.1663	-8.2717	3931	3945	12			-27
DISC90L2	78 225	8 6	47.1617	-8.2725						-29
DISC90L2	78 225	812	47.1563	-8.2738	3972	3985	12			-31
DISC90L2	78 225	818	47.1513	-8.2753						-31
DISC90L2	78 225	824	47.1468	-8.2772	3982	3996	12			-31
DISC90L2	78 225	830	47.1422	-8.2815						-31
DISC90L2	78 225	836	47.1460	-8.2873	3987	4001	12			-31
DISC90L2	78 225	842	47.1567	-8.2868	3969	3983	12			-29
DISC90L2	78 225	848	47.1715	-8.2872	3934	3947	12			-25
DISC90L2	78 225	854	47.1880	-8.2878	3779	3789	12			-20
DISC90L2	78 225	9 0	47.2042	-8.2888	3231	3235	12			-13
DISC90L2	78 225	9 6	47.2203	-8.2898	2871	2873	12			-9
DISC90L2	78 225	912	47.2365	-8.2910	2861	2862	12			-5
DISC90L2	78 225	918	47.2528	-8.2922	2849	2849	12			-6
DISC90L2	78 225	924	47.2692	-8.2932	2809	2809	12			-6
DISC90L2	78 225	930	47.2852	-8.2943	2748	2749	12			-7
DISC90L2	78 225	936	47.3013	-8.2953	2676	2677	12			-6
DISC90L2	78 225	942	47.3173	-8.2965	2608	2608	12			-4
DISC90L2	78 225	948	47.3330	-8.2972	2543	2544	12			-4
DISC90L2	78 225	954	47.3487	-8.2980	2484	2484	12			-2
DISC90L2	78 225	10 0	47.3642	-8.2988	2428	2429	12			-2
DISC90L2	78 225	10 6	47.3800	-8.2997	2391	2390	12			0
DISC90L2	78 225	1012	47.3958	-8.3005	2351	2352	12			0

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	56	78 225	1018	47.4115	-8.3013	2312	2312	12			2
DISC90L2		78 225	1024	47.4220	-8.3017	2271	2271	12			1
DISC90L2		78 225	1030	47.4302	-8.3017	2242	2240	12	46762	-124	2
DISC90L2		78 225	1036	47.4378	-8.3018	2216	2215	12	46764	-124	1
DISC90L2		78 225	1042	47.4455	-8.3018	2193	2193	12	46770	-121	3
DISC90L2		78 225	1048	47.4530	-8.3020	2176	2176	12	46776	-117	5
DISC90L2		78 225	1054	47.4607	-8.3025	2153	2152	12	46782	-114	4
DISC90L2		78 225	11 0	47.4683	-8.3030	2131	2131	12	46786	-112	5
DISC90L2		78 225	11 6	47.4780	-8.3035	2111	2110	12	46794	-107	5
DISC90L2		78 225	1112	47.4895	-8.3040	2090	2090	12	46804	-101	7
DISC90L2		78 225	1118	47.5018	-8.3047	2068	2068	12	46814	-95	9
DISC90L2		78 225	1124	47.5138	-8.3053	2051	2050	12	46820	-93	11
DISC90L2		78 225	1130	47.5258	-8.3058	2048	2048	12	46828	-89	12
DISC90L2		78 225	1136	47.5377	-8.3067	2045	2045	12	46830	-91	15
DISC90L2		78 225	1142	47.5500	-8.3073	2049	2048	12	46826	-99	17
DISC90L2		78 225	1148	47.5622	-8.3080	2039	2039	12	46824	-105	19
DISC90L2		78 225	1154	47.5743	-8.3082	1976	1975	12	46822	-111	21
DISC90L2		78 225	12 0	47.5860	-8.3038	2082	2081	12	46818	-119	26
DISC90L2		78 225	12 6	47.5968	-8.2960	2071	2070	12	46822	-118	28
DISC90L2		78 225	1212	47.6077	-8.2880	1781	1781	12	46826	-118	33
DISC90L2		78 225	1218	47.6137	-8.2802	1659	1659	12	46830	-117	37
DISC90L2		78 225	1224	47.6297	-8.2720	1568	1569	12	46824	-126	41
DISC90L2		78 225	1230	47.6408	-8.2642	1486	1487	12	46820	-134	44
DISC90L2		78 225	1236	47.6518	-8.2562	1442	1443	12	46820	-137	43
DISC90L2		78 225	1242	47.6628	-8.2482	1378	1379	12	46822	-139	42
DISC90L2		78 225	1248	47.6738	-8.2402	1315	1317	12	46830	-134	39
DISC90L2		78 225	1254	47.6845	-8.2325	1259	1260	12	46840	-127	36
DISC90L2		78 225	13 0	47.6958	-8.2245	1226	1227	12	46854	-117	34
DISC90L2		78 225	13 6	47.7070	-8.2163	1209	1209	12	46870	-104	32
DISC90L2		78 225	1312	47.7183	-8.2082	1206	1207	12	46884	-94	32
DISC90L2		78 225	1318	47.7297	-8.2002	1180	1181	12	46888	-94	32
DISC90L2		78 225	1324	47.7413	-8.1918	1174	1176	12	46888	-97	33
DISC90L2		78 225	1330	47.7535	-8.1828	1165	1167	12	46888	-101	31
DISC90L2		78 225	1336	47.7657	-8.1738	1139	1141	12	46882	-111	29
DISC90L2		78 225	1342	47.7778	-8.1647	1123	1125	12	46872	-124	28
DISC90L2		78 225	1348	47.7900	-8.1557	1122	1123	12	46860	-140	25
DISC90L2		78 225	1354	47.8022	-8.1467	1175	1176	12	46850	-154	21
DISC90L2		78 225	14 0	47.8145	-8.1375	1351	1353	12	46852	-156	18
DISC90L2		78 225	14 6	47.8267	-8.1285	1436	1437	12	46854	-158	16
DISC90L2		78 225	1412	47.8388	-8.1195	1411	1412	12	46854	-161	16
DISC90L2		78 225	1418	47.8510	-8.1103	1201	1202	12	46842	-177	17
DISC90L2		78 225	1424	47.8632	-8.1013	1031	1033	12	46834	-189	20
DISC90L2		78 225	1430	47.8753	-8.0923	751	755	12	46828	-199	22
DISC90L2		78 225	1436	47.8873	-8.0833	731	733	12	46828	-202	24
DISC90L2		78 225	1442	47.8997	-8.0742	801	803	12	46834	-200	24
DISC90L2		78 225	1448	47.9118	-8.0650	776	779	12	46842	-196	23
DISC90L2		78 225	1454	47.9238	-8.0558	611	614	12	46850	-192	26
DISC90L2		78 225	15 0	47.9363	-8.0468	574	578	12	46862	-184	26
DISC90L2		78 225	15 6	47.9485	-8.0377	546	550	12	46876	-173	26
DISC90L2		78 225	1512	47.9605	-8.0285	533	536	12	46888	-165	24
DISC90L2		78 225	1518	47.9728	-8.0195	526	530	12	46904	-153	26
DISC90L2		78 225	1524	47.9848	-8.0107	382	386	12	46916	-145	30
DISC90L2		78 225	1530	47.9972	-8.0015	307	311	12	46928	-137	32
DISC90L2		78 225	1536	48.0095	-7.9923	270	271	11	46938	-130	35
DISC90L2		78 225	1542	48.0217	-7.9832	226	227	11	46948	-124	36
DISC90L2		78 225	1548	48.0337	-7.9740	217	218	11	46956	-119	37
DISC90L2		78 225	1554	48.0458	-7.9650	194	194	11	46964	-115	38
DISC90L2		78 225	16 0	48.0582	-7.9558	191	192	11	46972	-111	39
DISC90L2		78 225	16 6	48.0703	-7.9467	190	190	11	46980	-106	38
DISC90L2		78 225	1612	48.0825	-7.9377	192	192	11	46988	-102	37
DISC90L2		78 225	1618	48.0947	-7.9285	195	196	11	47000	-94	36
DISC90L2		78 225	1624	48.1068	-7.9193	196	198	11	47010	-87	34
DISC90L2		78 225	1630	48.1183	-7.9102	190	190	11	47016	-85	33
DISC90L2		78 225	1636	48.1302	-7.9008	188	188	11	47028	-76	31
DISC90L2		78 225	1642	48.1425	-7.8912	187	188	11	47040	-68	30
DISC90L2		78 225	1648	48.1533	-7.8793	188	188	11	47050	-61	30
DISC90L2		78 225	1654	48.1562	-7.8605	188	188	11	47064	-48	31
DISC90L2		78 225	17 0	48.1567	-7.8415	188	188	11	47072	-39	31
DISC90L2		78 225	17 6	48.1572	-7.8225	188	188	11	47092	-19	30
DISC90L2		78 225	1712	48.1575	-7.8027	188	188	11	47118	6	32
DISC90L2		78 225	1718	48.1578	-7.7825	188	188	11	47130	19	31
DISC90L2		78 225	1724	48.1578	-7.7617	188	188	11	47144	33	30
DISC90L2		78 225	1730	48.1582	-7.7408	186	187	11	47160	49	32
DISC90L2		78 225	1736	48.1583	-7.7205	184	185	11	47166	56	33
DISC90L2		78 225	1742	48.1587	-7.6990	183	183	11	47162	52	39
DISC90L2		78 225	1748	48.1580	-7.6777	181	181	11	47150	41	39
DISC90L2		78 225	1754	48.1575	-7.6562	173	174	11	47160	51	40
DISC90L2		78 225	18 0	48.1568	-7.6350	183	183	11	47180	72	42
DISC90L2		78 225	18 6	48.1562	-7.6135	181	181	11	47184	77	42
DISC90L2		78 225	1812	48.1560	-7.5922	176	176	11	47162	55	42
DISC90L2		78 225	1818	48.1555	-7.5707	179	179	11	47130	24	44
DISC90L2		78 225	1824	48.1552	-7.5495	181	181	11	47182	76	45
DISC90L2		78 225	1830	48.1547	-7.5287	176	176	11	47096	-8	44
DISC90L2		78 225	1836	48.1543	-7.5080	176	176	11	47048	-55	43
DISC90L2		78 225	1842	48.1538	-7.4867	169	168	11	47038	-65	42
DISC90L2		78 225	1848	48.1533	-7.4657	147	148	11	47040	-62	41
DISC90L2		78 225	1854	48.1530	-7.4445	148	148	11	46992	-110	40
DISC90L2		78 225	19 0	48.1525	-7.4232	155	155	11	46984	-117	36
DISC90L2		78 225	19 6	48.1465	-7.4052	165	165	11	46974	-125	32
DISC90L2		78 225	1912	48.1362	-7.4003	170	170	11	46972	-123	28
DISC90L2		78 225	1918	48.1253	-7.4045	169	168	11	46964	-128	25
DISC90L2		78 225	1924	48.1137	-7.4092	172	172	11	46958	-131	23
DISC90L2		78 225	1930	48.1023	-7.4140	174	174	11	46970	-115	27

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2		78 225	1936	48.0897	-7.4200	176	176	11	46964	-117	27
DISC90L2		78 225	1942	48.0772	-7.4260	177	177	11	46956	-121	25
DISC90L2		78 225	1948	48.0648	-7.4317	176	176	11	46948	-126	27
DISC90L2		78 225	1954	48.0516	-7.4380	177	177	11	46942	-128	26
DISC90L2		78 225	20 0	48.0402	-7.4437	177	177	11	46938	-128	28
DISC90L2		78 225	20 6	48.0278	-7.4505	181	181	11	46932	-129	28
DISC90L2		78 225	2012	48.0155	-7.4573	181	181	11	46924	-132	28
DISC90L2		78 225	2018	48.0033	-7.4638	181	181	11	46922	-133	30
DISC90L2		78 225	2024	47.9913	-7.4707	177	181	12	46916	-135	33
DISC90L2		78 225	2030	47.9793	-7.4777	173	177	12	46912	-136	33
DISC90L2		78 225	2036	47.9667	-7.4855	168	172	12	46904	-140	36
DISC90L2		78 225	2042	47.9542	-7.4928	176	181	12	46892	-148	39
DISC90L2		78 225	2048	47.9425	-7.4992	181	187	12	46884	-152	40
DISC90L2		78 225	2054	47.9310	-7.5060	185	190	12	46884	-148	38
DISC90L2		78 225	21 0	47.9193	-7.5135	192	198	12	46890	-139	39
DISC90L2		78 225	21 6	47.9083	-7.5202	201	205	12	46888	-137	37
DISC90L2		78 225	2112	47.8973	-7.5268	227	232	12	46876	-146	34
DISC90L2		78 225	2118	47.8862	-7.5337	281	285	12	46862	-156	33
DISC90L2		78 225	2124	47.8748	-7.5408	263	267	12	46850	-165	33
DISC90L2		78 225	2130	47.8628	-7.5483	301	305	12	46846	-165	33
DISC90L2		78 225	2136	47.8525	-7.5547	281	285	12	46842	-166	36
DISC90L2		78 225	2142	47.8415	-7.5617	291	294	12	46844	-160	34
DISC90L2		78 225	2148	47.8300	-7.5692	323	327	12	46842	-159	36
DISC90L2		78 225	2154	47.8193	-7.5772	384	385	12	46838	-159	32
DISC90L2		78 225	22 0	47.8088	-7.5853	411	415	12	46842	-152	32
DISC90L2		78 225	22 6	47.7977	-7.5940	421	424	12	46852	-139	33
DISC90L2		78 225	2212	47.7872	-7.6018	486	490	12	46858	-129	33
DISC90L2		78 225	2218	47.7768	-7.6098	531	534	12	46868	-116	33
DISC90L2		78 225	2224	47.7662	-7.6178	578	582	12	46874	-107	33
DISC90L2		78 225	2230	47.7558	-7.6259	670	673	12	46872	-105	30
DISC90L2		78 225	2236	47.7450	-7.6343	741	744	12	46872	-102	29
DISC90L2		78 225	2242	47.7347	-7.6422	801	803	12	46870	-101	26
DISC90L2		78 225	2248	47.7242	-7.6500	941	944	12	46864	-104	21
DISC90L2		78 225	2254	47.7133	-7.6583	1066	1068	12	46856	-108	21
DISC90L2		78 225	23 0	47.7023	-7.6670	1091	1094	12	46840	-121	21
DISC90L2		78 225	23 6	47.6920	-7.6750	1086	1088	12	46828	-130	19
DISC90L2		78 225	2312	47.6815	-7.6832	1221	1223	12	46820	-134	20
DISC90L2		78 225	2318	47.6725	-7.6903	1321	1322	12	46816	-136	21
DISC90L2		78 225	2324	47.6618	-7.6985	1399	1401	12	46820	-128	19
DISC90L2		78 225	2330	47.6518	-7.7065	1451	1452	12	46830	-115	19
DISC90L2		78 225	2336	47.6428	-7.7137	1501	1501	12	46842	-100	23
DISC90L2		78 225	2342	47.6332	-7.7213	1522	1522	12	46854	-85	24
DISC90L2		78 225	2348	47.6242	-7.7283	1581	1582	12	46860	-77	24
DISC90L2		78 225	2354	47.6155	-7.7352	1682	1682	12	46884	-56	26
DISC90L2	57	78 226	0 0	47.6065	-7.7423	1762	1761	12	46920	-11	23
DISC90L2		78 226	0 6	47.5970	-7.7502	1805	1805	12	46942	13	18
DISC90L2		78 226	012	47.5872	-7.7582	1815	1814	12	46936	10	14
DISC90L2		78 226	018	47.5776	-7.7662	1847	1847	12	46928	5	8
DISC90L2		78 226	024	47.5692	-7.7728	1986	1986	12	46918	-1	-0
DISC90L2		78 226	030	47.5603	-7.7802	2135	2134	12	46918	0	-9
DISC90L2		78 226	036	47.5508	-7.7878	2471	2471	12	46902	-12	-19
DISC90L2		78 226	042	47.5418	-7.7952	3209	3213	12	46874	-37	-29
DISC90L2		78 226	048	47.5323	-7.8030	3282	3286	12	46838	-70	-38
DISC90L2		78 226	054	47.5232	-7.8110	2856	2857	12	46826	-79	-45
DISC90L2		78 226	1 0	47.5140	-7.8187	2998	3001	12	46830	-72	-50
DISC90L2		78 226	1 6	47.5058	-7.8255	3019	3021	12	46818	-82	-53
DISC90L2		78 226	112	47.4973	-7.8328	3207	3210	12	46808	-89	-57
DISC90L2		78 226	118	47.4885	-7.8403	3362	3367	12	46790	-104	-61
DISC90L2		78 226	124	47.4790	-7.8482	3687	3696	12	46782	-110	-63
DISC90L2		78 226	130	47.4708	-7.8555	3818	3830	12	46764	-125	-66
DISC90L2		78 226	136	47.4610	-7.8638	3777	3787	12	46768	-118	-63
DISC90L2		78 226	142	47.4512	-7.8723	3742	3753	12	46784	-99	-67
DISC90L2		78 226	148	47.4408	-7.8807	3670	3690	12	46800	-80	-65
DISC90L2		78 226	154	47.4303	-7.8892	3668	3678	12	46782	-94	-65
DISC90L2		78 226	2 0	47.4203	-7.8975	3592	3601	12	46764	-109	-67
DISC90L2		78 226	2 6	47.4110	-7.9053	3602	3813	12	46750	-120	-66
DISC90L2		78 226	212	47.4010	-7.9133	3652	3661	12	46746	-121	-65
DISC90L2		78 226	218	47.3908	-7.9215	3537	3544	12	46734	-130	-63
DISC90L2		78 226	224	47.3820	-7.9288	3442	3447	12	46722	-139	-64
DISC90L2		78 226	230	47.3732	-7.9358	3462	3467	12	46712	-147	-63
DISC90L2		78 226	236	47.3648	-7.9423	3528	3535	12	46708	-148	-63
DISC90L2		78 226	242	47.3555	-7.9493	3502	3509	12	46696	-157	-64
DISC90L2		78 226	248	47.3465	-7.9560	3652	3661	12	46684	-166	-66
DISC90L2		78 226	254	47.3378	-7.9622	3845	3857	12	46678	-170	-69
DISC90L2		78 226	3 0	47.3287	-7.9688	3997	4012	12	46670	-175	-69
DISC90L2		78 226	3 6	47.3192	-7.9758	4123	4139	12	46666	-176	-69
DISC90L2		78 226	312	47.3098	-7.9827	4122	4139	12	46668	-171	-70
DISC90L2		78 226	318	47.3012	-7.9892	4126	4142	12	46672	-164	-69
DISC90L2		78 226	324	47.2922	-7.9960	4135	4151	12	46666	-167	-70
DISC90L2		78 226	330	47.2837	-8.0027	4137	4153	12	46664	-166	-72
DISC90L2		78 226	336	47.2755	-8.0088	4127	4144	12	46648	-180	-72
DISC90L2		78 226	342	47.2710	-8.0210	3979	3992	12	46642	-185	-72
DISC90L2		78 226	348	47.2757	-8.0378	3940	3954	12	46642	-187	-69
DISC90L2		78 226	354	47.2818	-8.0527	3721	3731	12	46642	-189	-65
DISC90L2		78 226	4 0	47.2877	-8.0663	3633	3641	12	46648	-185	-59
DISC90L2		78 226	4 6	47.2933	-8.0803	3681	3689	12	46654	-181	-56
DISC90L2		78 226	412	47.2992	-8.0945	3522	3528	12	46658	-180	-56
DISC90L2		78 226	418	47.3050	-8.1090	3391	3396	12	46666	-174	-50
DISC90L2		78 226	424	47.3110	-8.1233	3229	3434	12	46662	-180	-45
DISC90L2		78 226	430	47.3287	-8.1377	3252	3255	12	46662	-183	-41
DISC90L2		78 226	436	47.3228	-8.1513	3151	3155	12	46670	-177	-35
DISC90L2		78 226	442	47.3287	-8.1652	2972	2974	12	46674	-175	-31
DISC90L2		78 226	448	47.3347	-8.1783	2864	2866	12	46686	-165	-28

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 57	78 226	1412	47.7150	-9.2488	3657	3661	11	46896	-108	-75
DISC90L2	78 226	1418	47.7172	-9.2618	3777	3784	11	46892	-113	-78
DISC90L2	78 226	1424	47.7195	-9.2750	3848	3855	11	46906	-100	-75
DISC90L2	78 226	1430	47.7215	-9.2887	3918	3926	11	46908	-99	-78
DISC90L2	78 226	1436	47.7238	-9.3010	4039	4051	11	46908	-100	-77
DISC90L2	78 226	1442	47.7258	-9.3137	4087	4098	11	46918	-91	-80
DISC90L2	78 226	1448	47.7280	-9.3278	4078	4089	11	46916	-94	-78
DISC90L2	78 226	1454	47.7300	-9.3412	4055	4065	11	46922	-88	-78
DISC90L2	78 226	15 0	47.7320	-9.3548	4028	4038	11	46932	-81	-78
DISC90L2	78 226	15 6	47.7353	-9.3688	4002	4012	11	46938	-76	-74
DISC90L2	78 226	1512	47.7397	-9.3825	3917	3926	11	46934	-82	-76
DISC90L2	78 226	1518	47.7440	-9.3968	3772	3778	11	46924	-94	-72
DISC90L2	78 226	1524	47.7482	-9.4113	3572	3575	11	46904	-116	-72
DISC90L2	78 226	1530	47.7525	-9.4248	3522	3524	11	46896	-125	-70
DISC90L2	78 226	1536	47.7570	-9.4388	3402	3402	11	46882	-141	-68
DISC90L2	78 226	1542	47.7612	-9.4535	3432	3433	11	46878	-147	-67
DISC90L2	78 226	1548	47.7655	-9.4672	3532	3533	11	46880	-147	-68
DISC90L2	78 226	1554	47.7695	-9.4810	3674	3680	11	46888	-149	-68
DISC90L2	78 226	16 0	47.7743	-9.4947	3842	3848	11	46888	-143	-68
DISC90L2	78 226	16 6	47.7793	-9.5082	3986	3996	11	46904	-129	-72
DISC90L2	78 226	1612	47.7843	-9.5227	3962	3970	11	46920	-115	-70
DISC90L2	78 226	1618	47.7895	-9.5383	3952	3961	11	46916	-121	-68
DISC90L2	78 226	1624	47.7948	-9.5536	3932	3941	11	46910	-129	-65
DISC90L2	78 226	1630	47.8002	-9.5692	3892	3899	11	46914	-127	-64
DISC90L2	78 226	1636	47.8052	-9.5843	3827	3833	11	46916	-127	-61
DISC90L2	78 226	1642	47.8103	-9.5992	3785	3791	11	46904	-142	-59
DISC90L2	78 226	1648	47.8155	-9.6138	3767	3773	11	46908	-140	-54
DISC90L2	78 226	1654	47.8210	-9.6270	3682	3687	11	46914	-136	-49
DISC90L2	78 226	17 0	47.8268	-9.6422	3592	3595	11	46916	-136	-45
DISC90L2	78 226	17 6	47.8327	-9.6570	3276	3275	11	46924	-131	-35
DISC90L2	78 226	1712	47.8365	-9.6723	2862	2858	11	46950	-107	-33
DISC90L2	78 226	1718	47.8442	-9.6868	2687	2681	11	46956	-103	-29
DISC90L2	78 226	1724	47.8498	-9.7025	2682	2677	11	46966	-96	-26
DISC90L2	78 226	1730	47.8555	-9.7180	2822	2818	11	46984	-80	-29
DISC90L2	78 226	1736	47.8613	-9.7340	3147	3146	11	46984	-82	-30
DISC90L2	78 226	1742	47.8670	-9.7498				46978	-91	-29
DISC90L2	78 226	1748	47.8730	-9.7655	3682	3687	11	46976	-95	-33
DISC90L2	78 226	1754	47.8788	-9.7805	3682	3687	11	46970	-103	-32
DISC90L2	78 226	18 0	47.8847	-9.7950	3577	3579	11	46962	-114	-31
DISC90L2	78 226	18 6	47.8903	-9.8103	3462	3464	11	46960	-118	-33
DISC90L2	78 226	1812	47.8960	-9.8257	3482	3484	11	46952	-128	-31
DISC90L2	78 226	1818	47.9018	-9.8423	3187	3186	11	46946	-137	-33
DISC90L2	78 226	1824	47.9072	-9.8578	3287	3286	11	46948	-137	-31
DISC90L2	78 226	1830	47.9125	-9.8743	3076	3074	11	46954	-133	-27
DISC90L2	78 226	1836	47.9180	-9.8908	3122	3120	11	46952	-138	-29
DISC90L2	78 226	1842	47.9228	-9.9022	3162	3160	11	46966	-126	-24
DISC90L2	78 226	1848	47.9280	-9.9148	3172	3169	11	46970	-124	-24
DISC90L2	78 226	1854	47.9338	-9.9265	3102	3100	11	46970	-126	-29
DISC90L2	78 226	19 0	47.9398	-9.9365	2916	2913	11	46968	-130	-30
DISC90L2	78 226	19 6	47.9457	-9.9473	3012	3008	11	46964	-136	-29
DISC90L2	78 226	1912	47.9523	-9.9598	3167	3164	11	46968	-135	-33
DISC90L2	78 226	1918	47.9575	-9.9737	3471	3473	11	46964	-142	-38
DISC90L2	78 226	1924	47.9633	-9.9885	3682	3687	11	46960	-148	-42
DISC90L2	78 226	1930	47.9737	-10.0030	3689	3694	11	46958	-154	-43
DISC90L2	78 226	1936	47.9807	-10.0183	3713	3718	11	46956	-159	-49
DISC90L2	78 226	1942	47.9880	-10.0323	3717	3722	11	46958	-160	-49
DISC90L2	78 226	1948	47.9955	-10.0465	3712	3718	11	46964	-157	-51
DISC90L2	78 226	1954	48.0032	-10.0615	3562	3564	11	46960	-163	-52
DISC90L2	78 226	20 0	48.0108	-10.0763	3372	3372	11	46964	-162	-53
DISC90L2	78 226	20 6	48.0187	-10.0900	3402	3402	11	46972	-157	-51
DISC90L2	78 226	2012	48.0263	-10.1033	3745	3751	11	46976	-156	-53
DISC90L2	78 226	2018	48.0340	-10.1170	3747	3753	11	46986	-149	-54
DISC90L2	78 226	2024	48.0420	-10.1307	3351	3350	11	46996	-142	-55
DISC90L2	78 226	2030	48.0495	-10.1448	3567	3570	11	46994	-147	-55
DISC90L2	78 226	2036	48.0568	-10.1583	3717	3722	11	47032	-112	-55
DISC90L2	78 226	2042	48.0642	-10.1715	3802	3808	11	47098	-49	-55
DISC90L2	78 226	2048	48.0713	-10.1847	3817	3824	11	47120	-30	-55
DISC90L2	78 226	2054	48.0788	-10.1985	3732	3736	11	47116	-37	-55
DISC90L2	78 226	21 0	48.0862	-10.2115	3684	3689	11	47088	-67	-56
DISC90L2	78 226	21 6	48.0935	-10.2253	3657	3661	11	47082	-76	-54
DISC90L2	78 226	2112	48.1007	-10.2393	3662	3667	11	47042	-119	-53
DISC90L2	78 226	2118	48.1077	-10.2528	3614	3617	11	47038	-126	-51
DISC90L2	78 226	2124	48.1147	-10.2658	3552	3555	11	47044	-122	-49
DISC90L2	78 226	2130	48.1218	-10.2792	3562	3564	11	47022	-147	-48
DISC90L2	78 226	2136	48.1290	-10.2923	3332	3332	11	47006	-166	-42
DISC90L2	78 226	2142	48.1362	-10.3060	3122	3120	11	47010	-165	-36
DISC90L2	78 226	2148	48.1433	-10.3187	2802	2796	11	47016	-162	-31
DISC90L2	78 226	2154	48.1505	-10.3317	2751	2747	11	47024	-156	-28
DISC90L2	78 226	22 0	48.1577	-10.3458	2591	2586	11	47038	-145	-23
DISC90L2	78 226	22 6	48.1648	-10.3597	2564	2558	11	47046	-140	-20
DISC90L2	78 226	2212	48.1722	-10.3737	2701	2696	11	47048	-141	-17
DISC90L2	78 226	2218	48.1792	-10.3880	2710	2705	11	47060	-132	-13
DISC90L2	78 226	2224	48.1860	-10.4020	2751	2747	11	47066	-128	-10
DISC90L2	78 226	2230	48.1930	-10.4160	2602	2597	11	47072	-125	-9
DISC90L2	78 226	2236	48.1998	-10.4295	2682	2677	11	47078	-122	-6
DISC90L2	78 226	2242	48.2068	-10.4432	2642	2637	11	47088	-115	-4
DISC90L2	78 226	2248	48.2138	-10.4567	2674	2670	11	47092	-113	-4
DISC90L2	78 226	2254	48.2207	-10.4693	2932	2928	11	47100	-108	-2
DISC90L2	78 226	23 0	48.2275	-10.4820	2796	2793	11	47110	-101	0
DISC90L2	78 226	23 6	48.2345	-10.4955	2753	2749	11	47118	-95	5
DISC90L2	78 226	2312	48.2413	-10.5082	2562	2557	11	47124	-92	5
DISC90L2	78 226	2318	48.2483	-10.5213	2511	2505	11	47130	-89	9
DISC90L2	78 226	2324	48.2552	-10.5342	2529	2524	11	47136	-85	13

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 226	454	47.3405	-8.1915	2771	2772	12	46690	-164	-21
DISC90L2	78 226	5 0	47.3470	-8.2053	2666	2666	12	46698	-158	-18
DISC90L2	78 226	5 6	47.3535	-8.2187	2503	2504	12	46704	-154	-11
DISC90L2	78 226	512	47.3600	-8.2322	2437	2438	12	46706	-155	-10
DISC90L2	78 226	518	47.3663	-8.2452	2409	2409	12	46716	-147	-7
DISC90L2	78 226	524	47.3727	-8.2575	2383	2383	12	46718	-148	-7
DISC90L2	78 226	530	47.3790	-8.2692	2376	2376	12	46720	-148	-5
DISC90L2	78 226	536	47.3852	-8.2810	2366	2365	12	46716	-154	-8
DISC90L2	78 226	542	47.3907	-8.2937	2362	2361	12	46718	-154	-3
DISC90L2	78 226	548	47.3958	-8.3052	2351	2352	12	46726	-148	-3
DISC90L2	78 226	554	47.4010	-8.3182	2341	2341	12	46740	-136	-2
DISC90L2	78 226	6 0	47.4062	-8.3312	2313	2313	12	46738	-140	0
DISC90L2	78 226	6 6	47.4115	-8.3433	2275	2275	12	46744	-137	2
DISC90L2	78 226	612	47.4165	-8.3548	2245	2244	12	46752	-130	1
DISC90L2	78 226	618	47.4220	-8.3660	2209	2209	12	46758	-127	1
DISC90L2	78 226	624	47.4275	-8.3765	2184	2184	12	46764	-123	3
DISC90L2	78 226	630	47.4327	-8.3877	2159	2158	12	46764	-125	5
DISC90L2	78 226	636	47.4378	-8.3987	2151	2151	12	46772	-119	5
DISC90L2	78 226	642	47.4433	-8.4103	2147	2147	12	46780	-113	3
DISC90L2	78 226	648	47.4488	-8.4225	2146	2145	12	46784	-111	3
DISC90L2	78 226	654	47.4545	-8.4335	2146	2145	12	46796	-101	7
DISC90L2	78 226	7 0	47.4602	-8.4453	2145	2145	12	46810	-89	5
DISC90L2	78 226	7 6	47.4657	-8.4558	2143	2143	12	46816	-85	7
DISC90L2	78 226	712	47.4713	-8.4663	2134	2134	12	46820	-83	12
DISC90L2	78 226	718	47.4773	-8.4767	2134	2134	12	46818	-87	9
DISC90L2	78 226	724	47.4830	-8.4878	2133	2132	12	46820	-88	9
DISC90L2	78 226	730	47.4882	-8.4997	2130	2129	12	46830	-79	12
DISC90L2	78 226	736	47.4932	-8.5102	2129	2129	12	46834	-77	5
DISC90L2	78 226	742	47.4982	-8.5213	2128	2127	12	46834	-79	12
DISC90L2	78 226	748	47.5030	-8.5315	2126	2125	12	46842	-73	4
DISC90L2	78 226	754	47.5082	-8.5427	2115	2116	12	46846	-71	8
DISC90L2	78 226	8 0	47.5130	-8.5532	2109	2109	12	46858	-61	8
DISC90L2	78 226	8 6	47.5180	-8.5633	2104	2103	12	46852	-69	6
DISC90L2	78 226	812	47.5228	-8.5742	2103	2103	12	46854	-59	5
DISC90L2	78 226	818	47.5277	-8.5847	2111	2110	12	46866	-59	2
DISC90L2	78 226	824	47.5327	-8.5947	2127	2127	12	46862	-64	5
DISC90L2	78 226	830	47.5377	-8.6043	2143	2143	12	46864	-64	4
DISC90L2	78 226	836	47.5428	-8.6143	2153	2152	12	46868	-62	3
DISC90L2	78 226	842	47.5482	-8.6257	2161	2160	12	46870	-60	1
DISC90L2	78 226	848	47.5533	-8.6357	2191	2191	12	46874	-60	0
DISC90L2	78 226	854	47.5587	-8.6457	2196	2196	12	46880	-64	-1
DISC90L2	78 226	9 0	47.5642	-8.6557	2208	2207	12	46880	-66	-3
DISC90L2	78 226	9 6	47.5705	-8.6648	2226	2228	12	46888	-66	-4
DISC90L2	78 226	912	47.5760	-8.6752	2239	2238	12	46884	-73	-5
DISC90L2	78 226	918	47.5798	-8.6858	2261	2260	12	46882	-62	-7
DISC90L2	78 226	924	47.5837	-8.6955	2294	2293	12	46882	-64	-8
DISC90L2	78 226	930	47.5873	-8.7050	2339	2339	12	46866	-61	-10
DISC90L2	78 226	936	47.5908	-8.7152	2443	2443	12	46884	-64	-13
DISC90L2	78 226	942	47.5947	-8.7268	2501	2502	12	46884	-66	-14
DISC90L2	78 226	948	47.5985	-8.7363	2539	2538	12	46878	-73	-20
DISC90L2	78 226	954	47.6028	-8.7457	2595	2595	12	46876	-73	-26
DISC90L2	78 226	10 0	47.6068	-8.7568	2651	2652	12	46882	-73	-27
DISC90L2	78 226	10 6	47.6113	-8.7670	2707	2708	12	46888	-68	-30
DISC90L2	78 226	1012	47.6155	-8.7783	2858	2858	12	46898	-60	-31
DISC90L2	78 226	1018	47.6193	-8.7888	2992	2994	12	46900	-60	-32
DISC90L2	78 226	1024	47.6230	-8.8007	2994	2996	12	46896	-65	-39
DISC90L2	78 226	1030	47.6262	-8.8122	3102	3105	12	46900	-62	-40
DISC90L2	78 226	1036	47.6295	-8.8220	3227	3231	12	46898	-66	-43
DISC90L2	78 226	1042	47.6330	-8.8330	3370	3374	12	46896	-69	-42
DISC90L2	78 226	1048	47.6357	-8.8440	3406	3411	12	46894	-72	-43
DISC90L2	78 226	1054	47.6380	-8.8538	3478	3486	12	46890	-77	-45
DISC90L2	78 226	11 0	47.6403	-8.8643	3499	3506	12	46890	-78	-50
DISC90L2	78 226	11 6	47.6427	-8.8767	3596	3605	12	46886	-83	-53
DISC90L2	78 226	1112	47.6448	-8.8880	3687	3696	12	46876	-94	-52
DISC90L2	78 226	1118	47.6470	-8.8988	3801	3811	12	46882	-89	-55
DISC90L2	78 226	1124	47.6495	-8.9092	3783	3793	12	46884	-88	-58
DISC90L2	78 226	1130	47.6520	-8.9197	3814	3826	12	46882	-91	-56
DISC90L2	78 226	1136	47.6545	-8.9292	3774	3784	12	46882	-92	-58
DISC90L2	78 226	1142	47.6570	-8.9395	3796	3808	12	46884	-92	-58
DISC90L2	78 226	1148	47.6597	-8.9505	3858	3870	12	46880	-97	-58
DISC90L2	78 226	1154	47.6627	-8.9612	3931	3945	12	46884	-94	-57
DISC90L2	78 226	12 0	47.6662	-8.9733	3943	3956	12	46886	-93	-62
DISC90L2	78 226	12 6	47.6692	-8.9840	3925	3937	12	46888	-93	-60
DISC90L2	78 226	1212	47.6717	-8.9952	3976	3990	12	46892	-90	-64
DISC90L2	78 226	1218	47.6742	-9.0070	3993	4003	11	46894	-89	-63
DISC90L2	78 226	1224	47.6768	-9.0178	4007	4016	11	46892	-92	-66
DISC90L2	78 226	1230	47.6795	-9.0285	4011	4022	11	46882	-104	-65
DISC90L2	78 226	1236	47.6820	-9.0412	4012	4022	11	46878	-109	-67
DISC90L2	78 226	1242	47.6845	-9.0535	3812	3819	11	46870	-118	-67
DISC90L2	78 226	1248	47.6868	-9.0658	3642	3645	11	46872	-117	-64
DISC90L2	78 226	1254	47.6887	-9.0775	3676	3681	11	46872	-118	-69
DISC90L2	78 226	13 0	47.6910	-9.0897	3807	3813	11	46880	-111	-67
DISC90L2	78 226	13 6	47.6928	-9.1038	3672	3676	11	46880	-112	-70
DISC90L2	78 226	1312	47.6947	-9.1175	3652	3656	11	46880	-113	-69
DISC90L2	78 226	1318	47.6965	-9.1298	3797	3804	11	46872	-122	-67
DISC90L2	78 226	1324	47.6985	-9.1427	3673	3678	11	46880	-115	-67
DISC90L2	78 226	1330	47.7003	-9.1563	3617	3621	11	46894	-102	-72
DISC90L2	78 226	1336	47.7023	-9.1687	3652	3656	11	46904	-93	-71
DISC90L2	78 226	1342	47.7042	-9.1825	3623	3627	11	46904	-94	-71
DISC90L2	78 226	1348	47.7063	-9.1963	3574	3577	11	46900	-99	-71
DISC90L2	78 226	1354	47.7085	-9.2093	3567	3570	11	46908	-92	-71
DISC90L2	78 226	14 0	47.7107	-9.2230	3616	3619	11	46902	-100	-73
DISC90L2	78 226	14 6	47.7128	-9.2358	3632	3636	11	46902	-101	-72

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	57	78 226	2330	48.2622	-10.5477	2647	2641	11	47134	-90	11
DISC90L2		78 226	2336	48.2692	-10.5607	2711	2707	11	47134	-93	12
DISC90L2		78 226	2342	48.2762	-10.5737	2732	2727	11	47142	-88	13
DISC90L2		78 226	2348	48.2833	-10.5877	2534	2529	11	47150	-82	13
DISC90L2		78 226	2354	48.2900	-10.6005	2548	2542	11	47158	-77	14
DISC90L2	58	78 227	0 0	48.2972	-10.6147	2596	2591	11	47162	-76	13
DISC90L2		78 227	0 6	48.3042	-10.6282	2756	2752	11	47158	-83	13
DISC90L2		78 227	012	48.3108	-10.6417	2612	2606	11	47160	-83	13
DISC90L2		78 227	018	48.3172	-10.6545	2630	2624	11	47160	-86	13
DISC90L2		78 227	024	48.3237	-10.6680	2602	2597	11	47170	-78	12
DISC90L2		78 227	030	48.3300	-10.6810	2642	2637	11	47174	-77	12
DISC90L2		78 227	036	48.3367	-10.6948	2647	2641	11	47180	-73	9
DISC90L2		78 227	042	48.3428	-10.7067	2684	2679	11	47162	-74	7
DISC90L2		78 227	048	48.3493	-10.7193	2748	2743	11	47188	-70	5
DISC90L2		78 227	054	48.3557	-10.7323	2756	2752	11	47180	-81	2
DISC90L2		78 227	1 0	48.3623	-10.7457	2808	2804	11	47172	-92	-1
DISC90L2		78 227	1 6	48.3685	-10.7578	2858	2853	11	47174	-92	-2
DISC90L2		78 227	112	48.3748	-10.7708	2919	2915	11	47182	-86	-2
DISC90L2		78 227	118	48.3812	-10.7837	2993	2990	11	47186	-85	-6
DISC90L2		78 227	124	48.3878	-10.7975	3162	3160	11	47190	-84	-6
DISC90L2		78 227	130	48.3943	-10.8105	3346	3347	11	47200	-76	-4
DISC90L2		78 227	136	48.4005	-10.8230	2986	2983	11	47206	-73	-7
DISC90L2		78 227	142	48.4070	-10.8368	2786	2782	11	47206	-75	-6
DISC90L2		78 227	148	48.4135	-10.8503	2599	2593	11	47214	-70	-3
DISC90L2		78 227	154	48.4200	-10.8633	2621	2615	11	47214	-72	-4
DISC90L2		78 227	2 0	48.4262	-10.8753	2636	2632	11	47212	-77	-2
DISC90L2		78 227	2 6	48.4327	-10.8887	2612	2606	11	47210	-81	-0
DISC90L2		78 227	212	48.4393	-10.9030	2498	2493	11	47194	-100	1
DISC90L2		78 227	218	48.4460	-10.9172	2541	2535	11	47188	-109	2
DISC90L2		78 227	224	48.4527	-10.9308	2532	2526	11	47182	-117	3
DISC90L2		78 227	230	48.4592	-10.9438	2550	2546	11	47190	-112	3
DISC90L2		78 227	236	48.4657	-10.9570	2634	2630	11	47196	-108	-0
DISC90L2		78 227	242	48.4718	-10.9690	2692	2687	11	47196	-111	2
DISC90L2		78 227	248	48.4785	-10.9828	2732	2727	11	47194	-115	1
DISC90L2		78 227	254	48.4848	-10.9960	2671	2666	11	47192	-120	2
DISC90L2		78 227	3 0	48.4913	-11.0088	2648	2641	10	47192	-123	-1
DISC90L2		78 227	3 6	48.4980	-11.0223	2737	2730	10	47194	-123	-1
DISC90L2		78 227	312	48.5045	-11.0347	2707	2699	10	47200	-120	1
DISC90L2		78 227	318	48.5110	-11.0475	2671	2665	10	47204	-119	3
DISC90L2		78 227	324	48.5177	-11.0607	2527	2518	10	47208	-117	3
DISC90L2		78 227	330	48.5243	-11.0738	2475	2467	10	47212	-116	4
DISC90L2		78 227	336	48.5308	-11.0862	2437	2429	10	47220	-111	6
DISC90L2		78 227	342	48.5377	-11.0990	2422	2414	10	47230	-103	7
DISC90L2		78 227	348	48.5445	-11.1113	2391	2383	10	47236	-100	7
DISC90L2		78 227	354	48.5512	-11.1238	2501	2493	10	47246	-93	9
DISC90L2		78 227	4 0	48.5575	-11.1357	2823	2816	10	47256	-85	10
DISC90L2		78 227	4 6	48.5637	-11.1468	2908	2902	10	47262	-82	9
DISC90L2		78 227	412	48.5697	-11.1582	2821	2815	10	47268	-78	10
DISC90L2		78 227	418	48.5760	-11.1708	2608	2601	10	47272	-77	10
DISC90L2		78 227	424	48.5827	-11.1837	2447	2438	10	47270	-81	12
DISC90L2		78 227	430	48.5888	-11.1953	2422	2414	10	47276	-78	14
DISC90L2		78 227	436	48.5950	-11.2065	2416	2409	10	47280	-76	14
DISC90L2		78 227	442	48.6008	-11.2177	2266	2259	10	47286	-73	14
DISC90L2		78 227	448	48.6072	-11.2293	2194	2187	10	47284	-77	15
DISC90L2		78 227	454	48.6130	-11.2397	2166	2158	10	47278	-85	20
DISC90L2		78 227	5 0	48.6190	-11.2502	1902	1895	10	47280	-86	21
DISC90L2		78 227	5 6	48.6252	-11.2627	1825	1818	10	47290	-78	22
DISC90L2		78 227	512	48.6313	-11.2750	1819	1812	10	47300	-71	25
DISC90L2		78 227	518	48.6377	-11.2870	1767	1759	10	47308	-65	24
DISC90L2		78 227	524	48.6443	-11.3003	1795	1789	10	47310	-66	24
DISC90L2		78 227	530	48.6508	-11.3140	1857	1849	10	47308	-71	21
DISC90L2		78 227	536	48.6573	-11.3260	1846	1838	10	47306	-75	23
DISC90L2		78 227	542	48.6642	-11.3373	1928	1920	10	47306	-78	22
DISC90L2		78 227	548	48.6707	-11.3502	1851	1843	10	47306	-81	19
DISC90L2		78 227	554	48.6773	-11.3625	1860	1853	10	47304	-85	20
DISC90L2		78 227	6 0	48.6838	-11.3747	1889	1882	10	47308	-84	20
DISC90L2		78 227	6 6	48.6907	-11.3870	1909	1902	10	47314	-81	15
DISC90L2		78 227	612	48.6973	-11.3987	1924	1917	10	47316	-81	14
DISC90L2		78 227	618	48.7042	-11.4110	1972	1964	10	47318	-82	13
DISC90L2		78 227	624	48.7110	-11.4242	2016	2008	10	47322	-81	10
DISC90L2		78 227	630	48.7178	-11.4372	2157	2149	10	47320	-86	5
DISC90L2		78 227	636	48.7248	-11.4510	2289	2281	10	47318	-90	3
DISC90L2		78 227	642	48.7313	-11.4632	2398	2390	10	47322	-89	-1
DISC90L2		78 227	648	48.7378	-11.4745	2416	2409	10	47320	-94	-1
DISC90L2		78 227	654	48.7443	-11.4867	2379	2370	10	47320	-96	-6
DISC90L2		78 227	7 0	48.7510	-11.4993	2295	2286	10	47324	-95	-7
DISC90L2		78 227	7 6	48.7577	-11.5122	2342	2334	10	47320	-102	-8
DISC90L2		78 227	712	48.7642	-11.5243	2365	2357	10	47316	-108	-12
DISC90L2		78 227	718	48.7705	-11.5348	2406	2398	10	47322	-105	-13
DISC90L2		78 227	724	48.7770	-11.5460	2511	2504	10	47322	-107	-16
DISC90L2		78 227	730	48.7837	-11.5582	2739	2732	10	47328	-104	-17
DISC90L2		78 227	736	48.7902	-11.5695	2934	2928	10	47328	-106	-21
DISC90L2		78 227	742	48.7970	-11.5820	2919	2913	10	47328	-109	-17
DISC90L2		78 227	748	48.8038	-11.5947	2865	2858	10	47330	-110	-21
DISC90L2		78 227	754	48.8103	-11.6062	2778	2771	10	47328	-114	-17
DISC90L2		78 227	8 0	48.8168	-11.6182	2642	2633	10	47328	-117	-10
DISC90L2		78 227	8 6	48.8232	-11.6287	2256	2248	10	47334	-114	-4
DISC90L2		78 227	812	48.8300	-11.6412	1941	1933	10	47338	-112	-1
DISC90L2		78 227	818	48.8368	-11.6535	1733	1726	10	47338	-115	6
DISC90L2		78 227	824	48.8437	-11.6667	1616	1609	10	47338	-118	11
DISC90L2		78 227	830	48.8503	-11.6788	1576	1569	10	47344	-114	17
DISC90L2		78 227	836	48.8572	-11.6920	1564	1558	10	47344	-117	20
DISC90L2		78 227	842	48.8642	-11.7050	1482	1476	10	47342	-122	22

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 227	848	48.6710	-11.7175	1449	1443	10	47342	-125	27
DISC90L2	78 227	854	48.6778	-11.7297	1511	1505	10	47338	-131	23
DISC90L2	78 227	9 0	48.6843	-11.7408	1517	1512	10	47338	-134	24
DISC90L2	78 227	9 6	48.6910	-11.7532	1519	1514	10	47344	-131	23
DISC90L2	78 227	912	48.6977	-11.7650	1496	1490	10	47336	-141	25
DISC90L2	78 227	918	48.7045	-11.7762	1477	1472	10	47334	-146	24
DISC90L2	78 227	924	48.7113	-11.7870	1469	1463	10	47330	-153	25
DISC90L2	78 227	930	48.7178	-11.8017	1455	1450	10	47320	-165	26
DISC90L2	78 227	936	48.7243	-11.8140	1436	1432	10	47324	-164	25
DISC90L2	78 227	942	48.7308	-11.8267	1419	1414	10	47322	-169	27
DISC90L2	78 227	948	48.7375	-11.8398	1379	1373	10	47322	-171	27
DISC90L2	78 227	954	48.7437	-11.8517	1347	1342	10	47322	-174	24
DISC90L2	78 227	10 0	48.7502	-11.8663	1310	1306	10	47324	-174	26
DISC90L2	78 227	10 6	48.7567	-11.8810	1273	1269	10	47324	-177	28
DISC90L2	78 227	1012	48.7630	-11.8942	1243	1238	10	47320	-184	27
DISC90L2	78 227	1018	48.7693	-11.9072	1215	1211	10	47326	-180	32
DISC90L2	78 227	1024	48.7755	-11.9192	1185	1181	10	47332	-177	32
DISC90L2	78 227	1030	48.7815	-11.9315	1157	1154	10	47332	-179	36
DISC90L2	78 227	1036	48.7875	-11.9433	1133	1128	10	47338	-176	38
DISC90L2	78 227	1042	48.7935	-11.9555	1109	1105	10	47342	-174	37
DISC90L2	78 227	1048	48.7998	-11.9678	1085	1081	10	47350	-169	38
DISC90L2	78 227	1054	49.0050	-11.9803	1066	1063	10	47352	-170	42
DISC90L2	78 227	11 0	49.0030	-11.9928	1064	1061	10	47356	-166	44
DISC90L2	78 227	11 6	48.9943	-11.9977	1081	1077	10	47354	-164	46
DISC90L2	78 227	1112	48.9842	-12.0008	1099	1095	10	47348	-168	43
DISC90L2	78 227	1118	48.9737	-12.0045	1118	1116	10	47346	-167	43
DISC90L2	78 227	1124	48.9632	-12.0083	1135	1130	10	47340	-169	43
DISC90L2	78 227	1130	48.9528	-12.0120	1151	1147	10	47332	-174	45
DISC90L2	78 227	1136	48.9417	-12.0160	1169	1165	10	47328	-175	45
DISC90L2	78 227	1142	48.9297	-12.0210	1181	1178	10	47314	-185	44
DISC90L2	78 227	1148	48.9182	-12.0248	1195	1191	10	47302	-194	47
DISC90L2	78 227	1154	48.9072	-12.0290	1205	1200	10	47296	-196	47
DISC90L2	78 227	12 0	48.8957	-12.0339	1216	1212	10	47296	-193	53
DISC90L2	78 227	12 6	48.8847	-12.0377	1229	1225	10	47296	-189	53
DISC90L2	78 227	1212	48.8722	-12.0428	1247	1242	10	47282	-200	51
DISC90L2	78 227	1218	48.8602	-12.0477	1269	1266	10	47274	-204	53
DISC90L2	78 227	1224	48.8485	-12.0523	1292	1287	10	47272	-202	56
DISC90L2	78 227	1230	48.8372	-12.0568	1318	1313	10	47266	-205	54
DISC90L2	78 227	1236	48.8258	-12.0610	1344	1339	10	47260	-207	54
DISC90L2	78 227	1242	48.8145	-12.0655	1374	1368	10	47254	-210	52
DISC90L2	78 227	1248	48.8027	-12.0705	1408	1403	10	47254	-206	50
DISC90L2	78 227	1254	48.7905	-12.0757	1446	1441	10	47248	-207	48
DISC90L2	78 227	13 0	48.7790	-12.0812	1496	1490	10	47246	-209	48
DISC90L2	78 227	13 6	48.7677	-12.0862	1546	1540	10	47238	-212	46
DISC90L2	78 227	1312	48.7567	-12.0912	1586	1580	10	47232	-214	43
DISC90L2	78 227	1318	48.7458	-12.0962	1676	1670	10	47232	-211	40
DISC90L2	78 227	1324	48.7350	-12.1010	1686	1679	10	47240	-200	34
DISC90L2	78 227	1330	48.7237	-12.1063	1755	1748	10	47252	-184	32
DISC90L2	78 227	1336	48.7123	-12.1115	1789	1783	10	47260	-173	32
DISC90L2	78 227	1342	48.7015	-12.1163	1822	1814	10	47272	-158	25
DISC90L2	78 227	1348	48.6903	-12.1215	1846	1838	10	47284	-142	24
DISC90L2	78 227	1354	48.6793	-12.1268	1863	1856	10	47294	-129	23
DISC90L2	78 227	14 0	48.6680	-12.1328	1882	1875	10	47302	-117	24
DISC90L2	78 227	14 6	48.6572	-12.1385	1892	1884	10	47302	-114	24
DISC90L2	78 227	1412	48.6463	-12.1438	1906	1898	10	47296	-117	26
DISC90L2	78 227	1418	48.6353	-12.1493	1917	1909	10	47296	-114	27
DISC90L2	78 227	1424	48.6242	-12.1553	1931	1924	10	47294	-112	27
DISC90L2	78 227	1430	48.6138	-12.1607	1938	1931	10	47290	-113	29
DISC90L2	78 227	1436	48.6027	-12.1663	1946	1939	10	47280	-120	33
DISC90L2	78 227	1442	48.5920	-12.1717	1953	1946	10	47288	-109	35
DISC90L2	78 227	1448	48.5813	-12.1772	1958	1951	10	47292	-101	36
DISC90L2	78 227	1454	48.5703	-12.1828	1964	1957	10	47288	-102	41
DISC90L2	78 227	15 0	48.5595	-12.1885	1962	1955	10	47288	-99	44
DISC90L2	78 227	15 6	48.5493	-12.1940	1945	1939	10	47292	-92	49
DISC90L2	78 227	1512	48.5392	-12.1997	1884	1876	10	47290	-91	52
DISC90L2	78 227	1518	48.5290	-12.2052	1797	1790	10	47294	-84	53
DISC90L2	78 227	1524	48.5188	-12.2107	1870	1864	10	47300	-75	52
DISC90L2	78 227	1530	48.5083	-12.2160	1955	1948	10	47296	-76	48
DISC90L2	78 227	1536	48.4978	-12.2210	2225	2217	10	47300	-68	45
DISC90L2	78 227	1542	48.4868	-12.2262	2316	2308	10	47306	-59	40
DISC90L2	78 227	1548	48.4757	-12.2318	2347	2339	10	47314	-48	37
DISC90L2	78 227	1554	48.4652	-12.2368	2365	2357	10	47320	-38	34
DISC90L2	78 227	16 0	48.4543	-12.2422	2376	2368	10	47314	-41	32
DISC90L2	78 227	16 6	48.4435	-12.2477	2388	2379	10	47320	-32	32
DISC90L2	78 227	1612	48.4327	-12.2530	2391	2383	10	47336	-13	31
DISC90L2	78 227	1618	48.4220	-12.2585	2403	2394	10	47344	-1	31
DISC90L2	78 227	1624	48.4112	-12.2640	2426	2418	10	47360	17	33
DISC90L2	78 227	1630	48.4007	-12.2693	2455	2447	10	47366	26	32
DISC90L2	78 227	1636	48.3900	-12.2747	2473	2465	10	47370	33	35
DISC90L2	78 227	1642	48.3797	-12.2798	2490	2482	10	47370	36	34
DISC90L2	78 227	1648	48.3688	-12.2855	2492	2484	10	47372	42	36
DISC90L2	78 227	1654	48.3583	-12.2913	2508	2500	10	47372	45	36
DISC90L2	78 227	17 0	48.3470	-12.2977	2534	2526	10	47374	50	40
DISC90L2	78 227	17 6	48.3357	-12.3038	2558	2551	10	47380	59	39
DISC90L2	78 227	1712	48.3245	-12.3098	2588	2580	10	47378	61	39
DISC90L2	78 227	1718	48.3138	-12.3153	2596	2588	10	47372	58	38
DISC90L2	78 227	1724	48.3027	-12.3213	2628	2621	10	47358	47	38
DISC90L2	78 227	1730	48.2922	-12.3263	2751	2743	10	47342	34	35
DISC90L2	78 227	1736	48.2810	-12.3318	2836	2829	10	47324	20	32
DISC90L2	78 227	1742	48.2697	-12.3375	2951	2944	10	47310	9	28
DISC90L2	78 227	1748	48.2615	-12.3418				47298	0	27
DISC90L2	78 227	1754	48.2545	-12.3457	3271	3268	10			24
DISC90L2	78 227	18 0	48.2468	-12.3502	3202	3197	10			23

CRUISE IDENT	DATE	HR	MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2 58	78 227	18	6	48.2393	-11.3545	3167	3162	10			22
DISC90L2	78 227	18	12	48.2317	-11.3590	3151	3146	10			22
DISC90L2	78 227	18	18	48.2245	-11.3632	3164	3158	10			21
DISC90L2	78 227	18	18	48.2245	-11.3677	3022	3016	10			23
DISC90L2	78 227	18	24	48.2168	-11.3697	3057	3050	10			24
DISC90L2	78 227	18	30	48.2090	-11.3647	3191	3188	10			20
DISC90L2	78 227	18	36	48.2022	-11.3562	3342	3339	10			12
DISC90L2	78 227	18	42	48.1965	-11.3473	3422	3420	10			9
DISC90L2	78 227	18	48	48.1903	-11.3373	3572	3572	10			3
DISC90L2	78 227	18	54	48.1832	-11.3272	4052	4060	10			-2
DISC90L2	78 227	19	0	48.1760	-11.3170	4057	4065	10	47204	-62	-9
DISC90L2	78 227	19	6	48.1688	-11.3072	4132	4140	10	47196	-67	-13
DISC90L2	78 227	19	12	48.1622	-11.2968	4154	4164	10	47208	-53	-18
DISC90L2	78 227	19	18	48.1555	-11.2865	4165	4175	10	47210	-48	-20
DISC90L2	78 227	19	24	48.1485	-11.2762	4182	4193	10	47200	-55	-22
DISC90L2	78 227	19	30	48.1417	-11.2658	4198	4210	10	47188	-64	-22
DISC90L2	78 227	19	36	48.1345	-11.2563	4209	4219	10	47176	-74	-23
DISC90L2	78 227	19	42	48.1275	-11.2463	4222	4234	10	47160	-87	-24
DISC90L2	78 227	19	48	48.1208	-11.2353	4244	4256	10	47136	-108	-22
DISC90L2	78 227	19	54	48.1143	-11.2252	4259	4275	10	47140	-102	-21
DISC90L2	78 227	20	0	48.1077	-11.2148	4272	4285	10	47152	-87	-19
DISC90L2	78 227	20	6	48.1007	-11.2042	4279	4293	10	47142	-94	-19
DISC90L2	78 227	20	12	48.0933	-11.1938	4270	4283	10	47126	-107	-16
DISC90L2	78 227	20	18	48.0858	-11.1822	4251	4263	10	47114	-117	-13
DISC90L2	78 227	20	24	48.0795	-11.1683	4287	4300	10	47114	-117	-9
DISC90L2	78 227	20	30	48.0823	-11.1582	3502	3500	10	47126	-107	-6
DISC90L2	78 227	20	36	48.0910	-11.1485	3337	3334	10	47138	-97	-1
DISC90L2	78 227	20	42	48.0993	-11.1388	3353	3350	10	47144	-94	0
DISC90L2	78 227	20	48	48.1078	-11.1292	3331	3328	10	47152	-88	1
DISC90L2	78 227	20	54	48.1162	-11.1200	3322	3317	10	47160	-82	2
DISC90L2	78 227	21	0	48.1242	-11.1108	3344	3341	10	47168	-76	3
DISC90L2	78 227	21	6	48.1317	-11.1015	3393	3391	10	47170	-76	2
DISC90L2	78 227	21	12	48.1392	-11.0920	3414	3411	10	47178	-70	4
DISC90L2	78 227	21	18	48.1467	-11.0832	3436	3434	10	47194	-56	2
DISC90L2	78 227	21	24	48.1542	-11.0743	3447	3445	10	47212	-40	2
DISC90L2	78 227	21	30	48.1620	-11.0655	3438	3436	10	47230	-24	1
DISC90L2	78 227	21	36	48.1697	-11.0563	3441	3438	10	47280	22	3
DISC90L2	78 227	21	42	48.1778	-11.0438	3434	3433	10	47328	67	4
DISC90L2	78 227	21	48	48.1885	-11.0308	3419	3416	10	47312	49	4
DISC90L2	78 227	21	54	48.1995	-11.0182	3393	3391	10	47310	44	3
DISC90L2	78 227	22	0	48.2102	-11.0050	3388	3385	10	47336	67	6
DISC90L2	78 227	22	6	48.2210	-10.9918	3371	3369	10	47362	89	9
DISC90L2	78 227	22	12	48.2318	-10.9785	3338	3334	10	47348	72	12
DISC90L2	78 227	22	18	48.2427	-10.9652	3231	3228	10	47328	49	18
DISC90L2	78 227	22	24	48.2537	-10.9518	3052	3047	10	47306	24	26
DISC90L2	78 227	22	30	48.2645	-10.9385	2849	2842	10	47292	8	34
DISC90L2	78 227	22	36	48.2752	-10.9252	2452	2443	10	47276	-10	46
DISC90L2	78 227	22	42	48.2860	-10.9117	2261	2253	10	47246	-43	57
DISC90L2	78 227	22	48	48.2970	-10.8985	2138	2131	10	47234	-58	66
DISC90L2	78 227	22	54	48.3078	-10.8853	2051	2043	10	47220	-75	71
DISC90L2	78 227	23	0	48.3187	-10.8718	1788	1781	10	47228	-70	76
DISC90L2	78 227	23	6	48.3295	-10.8587	1628	1622	10	47226	-75	76
DISC90L2	78 227	23	12	48.3405	-10.8455	1795	1789	10	47220	-84	69
DISC90L2	78 227	23	18	48.3512	-10.8323	2101	2094	10	47218	-89	59
DISC90L2	78 227	23	24	48.3618	-10.8190	2296	2288	10	47222	-88	48
DISC90L2	78 227	23	30	48.3727	-10.8060	2369	2361	10	47228	-85	42
DISC90L2	78 227	23	36	48.3833	-10.7932	2430	2421	10	47228	-88	36
DISC90L2	78 227	23	42	48.3938	-10.7802	2431	2423	10	47226	-93	33
DISC90L2	78 227	23	48	48.4043	-10.7673	2396	2388	10	47226	-95	30
DISC90L2	78 227	23	54	48.4148	-10.7543	2346	2337	10	47230	-94	28
DISC90L2 59	78 228	0	0	48.4253	-10.7415	2383	2376	10	47230	-97	26
DISC90L2	78 228	0	6	48.4357	-10.7283	2420	2412	10	47232	-98	22
DISC90L2	78 228	0	12	48.4460	-10.7152	2555	2548	10	47234	-99	17
DISC90L2	78 228	0	18	48.4565	-10.7020	2590	2582	10	47238	-98	9
DISC90L2	78 228	0	24	48.4668	-10.6890	2736	2729	10	47244	-94	1
DISC90L2	78 228	0	30	48.4772	-10.6757	2831	2824	10	47248	-93	-9
DISC90L2	78 228	0	36	48.4875	-10.6627	3127	3122	10	47256	-88	-16
DISC90L2	78 228	0	42	48.4978	-10.6495	3307	3303	10	47264	-83	-22
DISC90L2	78 228	0	48	48.5082	-10.6363	3270	3266	10	47270	-79	-28
DISC90L2	78 228	0	54	48.5178	-10.6230	3340	3338	10	47272	-80	-30
DISC90L2	78 228	1	0	48.5278	-10.6098	3391	3389	10	47282	-73	-35
DISC90L2	78 228	1	6	48.5378	-10.5965	3412	3409	10	47284	-73	-36
DISC90L2	78 228	1	12	48.5478	-10.5835	3404	3402	10	47290	-70	-37
DISC90L2	78 228	1	18	48.5577	-10.5703	3393	3391	10	47290	-73	-37
DISC90L2	78 228	1	24	48.5675	-10.5568	3376	3372	10	47294	-71	-36
DISC90L2	78 228	1	30	48.5777	-10.5435	3372	3369	10	47296	-72	-32
DISC90L2	78 228	1	36	48.5875	-10.5300	3368	3365	10	47302	-69	-31
DISC90L2	78 228	1	42	48.5977	-10.5163	3351	3349	10	47304	-69	-29
DISC90L2	78 228	1	48	48.6077	-10.5028	3342	3339	10	47312	-64	-25
DISC90L2	78 228	1	54	48.6178	-10.4893	3172	3167	10	47312	-67	-20
DISC90L2	78 228	2	0	48.6280	-10.4757	3076	3071	10	47314	-67	-13
DISC90L2	78 228	2	6	48.6382	-10.4618	2852	2846	10	47316	-68	-5
DISC90L2	78 228	2	12	48.6483	-10.4478	2497	2489	10	47310	-77	3
DISC90L2	78 228	2	18	48.6585	-10.4340	2231	2224	10	47308	-82	8
DISC90L2	78 228	2	24	48.6687	-10.4200	2079	2072	10	47304	-88	12
DISC90L2	78 228	2	30	48.6787	-10.4063	1969	1960	10	47318	-77	15
DISC90L2	78 228	2	36	48.6887	-10.3925	1891	1884	10	47330	-68	18
DISC90L2	78 228	2	42	48.6987	-10.3787	1808	1801	10	47344	-56	19
DISC90L2	78 228	2	48	48.7087	-10.3650	1771	1765	10	47358	-45	22
DISC90L2	78 228	2	54	48.7188	-10.3512	1642	1635	10	47360	-46	25
DISC90L2	78 228	3	0	48.7288	-10.3375	1534	1529	10	47358	-50	30
DISC90L2	78 228	3	6	48.7388	-10.3242	1475	1470	10	47352	-59	32
DISC90L2	78 228	3	12	48.7485	-10.3105	1369	1364	10	47342	-71	34

CRUISE IDENT	DATE	HR	MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 228	3	24	48.7683	-11.2968	1339	1335	10	47328	-88	37
DISC90L2	78 228	3	30	48.7783	-11.2832	1277	1273	10	47324	-95	41
DISC90L2	78 228	3	36	48.7882	-11.2697	1217	1212	10	47342	-79	43
DISC90L2	78 228	3	42	48.7978	-11.2557	1180	1176	10	47370	-54	47
DISC90L2	78 228	3	48	48.8038	-11.2387	1179	1174	10	47388	-37	45
DISC90L2	78 228	3	54	48.8037	-11.2195	1273	1269	10	47400	-24	44
DISC90L2	78 228	4	0	48.7977	-11.2032	1265	1260	10	47396	-26	39
DISC90L2	78 228	4	6	48.7900	-11.1860	1298	1293	10	47380	-38	36
DISC90L2	78 228	4	12	48.7823	-11.1687	1561	1554	10	47374	-41	31
DISC90L2	78 228	4	18	48.7747	-11.1513	2043	2035	10	47352	-60	27
DISC90L2	78 228	4	24	48.7668	-11.1337	1885	1878	10	47340	-69	25
DISC90L2	78 228	4	30	48.7590	-11.1163	1481	1476	10	47340	-66	30
DISC90L2	78 228	4	36	48.7512	-11.0988	1275	1271	10	47350	-52	38
DISC90L2	78 228	4	42	48.7435	-11.0817	1179	1174	10	47348	-51	44
DISC90L2	78 228	4	48	48.7360	-11.0648	1094	1090	10	47338	-58	49
DISC90L2	78 228	4	54	48.7283	-11.0477	1081	1077	10	47330	-63	53
DISC90L2	78 228	5	0	48.7207	-11.0303	1061	1057	10	47316	-74	56
DISC90L2	78 228	5	6	48.7130	-11.0135	1034	1031	10	47310	-76	57
DISC90L2	78 228	5	12	48.7053	-10.9965	1064	1063	11	47308	-75	57
DISC90L2	78 228	5	18	48.6978	-10.9795	1148	1147	11	47304	-76	55
DISC90L2	78 228	5	24	48.6902	-10.9625	1456	1452	11	47300	-77	52
DISC90L2	78 228	5	30	48.6827	-10.9455	1381	1377	11	47294	-80	52
DISC90L2	78 228	5	36	48.6750	-10.9285	1232	1229	11	47296	-75	54
DISC90L2	78 228	5	42	48.6675	-10.9115	1182	1180	11	47290	-78	56
DISC90L2	78 228	5	48	48.6600	-10.8948	1173	1170	11	47288	-77	56
DISC90L2	78 228	5	54	48.6530	-10.8778	1260	1258	11	47284	-78	54
DISC90L2	78 228	6	0	48.6458	-10.8610	1217	1214	11	47282	-77	50
DISC90L2	78 228	6	6	48.6388	-10.8440	1249	1245	11	47272	-84	45
DISC90L2	78 228	6	12	48.6317	-10.8270	1304	1302	11	47270	-83	39
DISC90L2	78 228	6	18	48.6245	-10.8098	1571	1567	11	47268	-82	31
DISC90L2	78 228	6	24	48.6173	-10.7930	1748	1743	11	47266	-81	22
DISC90L2	78 228	6	30	48.6103	-10.7760	2026	2021	11	47264	-80	13
DISC90L2	78 228	6	36	48.6032	-10.7590	2416	2410	11	47262	-79	6
DISC90L2	78 228	6	42	48.5962	-10.7422	2795	2791	11	47258	-81	4
DISC90L2	78 228	6	48	48.5895	-10.7257	2476	2471	11	47254	-82	6
DISC90L2	78 228	6	54	48.5825	-10.7092	2345	2339	11	47248	-85	11
DISC90L2	78 228	7	0	48.5756	-10.6922	1774	1768	11	47250	-80	19
DISC90L2	78 228	7	6	48.5682	-10.6753	1432	1428	11	47240	-87	27
DISC90L2	78 228	7	12	48.5613	-10.6588	1389	1386	11	47234	-90	35
DISC90L2	78 228	7	18	48.5543	-10.6422	1241	1238	11	47230	-91	41
DISC90L2	78 228	7	24	48.5473	-10.6255	1228	1225	11	47226	-93	43
DISC90L2	78 228	7	30	48.5405	-10.6087	1157	1156	11	47222	-94	40
DISC90L2	78 228	7	36	48.5335	-10.5918	1137	1136	11	47216	-97	36
DISC90L2	78 228	7	42	48.5265	-10.5750	1331	1328	11	47204	-106	28
DISC90L2	76 228	7	48	48.5195	-10.5582	1581	1576	11	47198	-109	20
DISC90L2	78 228	7	54	48.5127	-10.5413	1671	1666	11	47190	-114	11
DISC90L2	78 228	8	0	48.5057	-10.5245	1734	1730	11	47194	-108	6
DISC90L2	78 228	8	6	48.4985	-10.5075	1719	1715	11	47224	-75	3
DISC90L2	78 228	8	12	48.4915	-10.4908	1976	1970	11	47262	-34	-2
DISC90L2	78 228	8	18	48.4847	-10.4740	2212	2206	11	47266	-27	-7
DISC90L2	78 228	8	24	48.4775	-10.4573	2423	2418	11	47240	-50	-14
DISC90L2	78 228	8	30	48.4705	-10.4410	2444	2438	11	47206	-81	-19
DISC90L2	78 228	8	36	48.4633	-10.4243	2516	2511	11	47180	-104	-24
DISC90L2	78 228	8	42	48.4563	-10.4075	2711	2707	11	47162	-119	-25
DISC90L2	78 228	8	48	48.4490	-10.3905	2202	2196	11	47146	-132	-23
DISC90L2	78 228	8	54	48.4418	-10.3737	1796	1792	11	47138	-138	-17
DISC90L2	78 228	9	0	48.4347	-10.3565	1493	1489	11	47138	-135	-11
DISC90L2	78 228	9	6	48.4273	-10.3393	1617	1613	11	47134	-136	-7
DISC90L2	78 228	9	12	48.4200	-10.3218	1451	1447	11	47130	-137	-5
DISC90L2	78 228	9	18	48.4125	-10.3047	1564	1560	11	47124	-140	-7
DISC90L2	78 228	9	24	48.4050	-10.2872	1456	1452	11	47116	-145	-7
DISC90L2	78 228	9	30	48.3975	-10.2698	1546	1542	11	47106	-152	-10
DISC90L2	78 228	9	36	48.3900	-10.2525	1628	1624	11	47104	-151	-15
DISC90L2	78 228	9	42	48.3825	-10.2352	1725	1719	11	47104	-147	-20
DISC90L2	78 228	9	48	48.3750	-10.2177	1727	1723	11	47096	-152	-26
DISC90L2	78 228	9	54	48.3675	-10.2000	1978	1973	11	47088	-157	-34
DISC90L2	78 228	10	0	48.3600	-10.1825	2258	2251	11	47088	-154	-43
DISC90L2	78 228	10	6	48.3525	-10.1652	2687	2681	11	47090	-149	-51
DISC90L2	78 228	10	12	48.3452	-10.1478	3234	3233	11	47090	-146	-58
DISC90L2	78 228	10	18	48.3380	-10.1305	3547	3546	11	47090	-143	-58
DISC90L2	78 228	10	24	48.3305	-10.1133	3222	3221	11	47088	-142	-57
DISC90L2	78 228	10	30	48.3233	-10.0963	2881	2877	11	47086	-141	-54
DISC90L2	78 228	10	36	48.3165	-10.0797	2719	2714	11	47086	-139	-46
DISC90L2	78 228	10	42	48.3092	-10.0625	2334	2328	11	47086	-136	-35
DISC90L2	78 228	10	48	48.3017	-10.0447	2007	2001	11	47084	-135	-25
DISC90L2	78 228	10	54	48.2945	-10.0275	1992	1986	11	47084	-132	-20
DISC90L2	78 228	11	0	48.2873	-10.0108	2047	2041	11	47086	-127	-13
DISC90L2	78 228	11	6	48.2803	-9.9940	1922	1917	11	47076	-134	-11
DISC90L2	78 228	11	12	48.2737	-9.9778	1881	1875	11	47066	-142	-7
DISC90L2	78 228	11	18	48.2670	-9.9615	1889	1884	11	47062	-143	-5
DISC90L2	78 228	11	24	48.2607	-9.9455	1748	1743	11	47060	-143	-8
DISC90L2	78 228	11	30	48.2540	-9.9293	1936	1931	11	47062	-138	-12
DISC90L2	78 228	11	36	48.2480	-9.9138	2227	2222	11	47056	-142	-16
DISC90L2	78 228	11	42	48.2415	-9.8978	2602	2597	11	47058	-137	-22
DISC90L2	78 228	11	48	48.2353	-9.8823	2495	2489	11	47054	-139	-23
DISC90L2	78 228	11	54	48.2285	-9.8658	2643	2637	11	47044	-146	-24
DISC90L2	78 228	12	0	48.2220	-9.8495	2438	2432	11	47044	-143	-19
DISC90L2	78 228	12	6	48.2150	-9.8328	2243	2237	11	47044	-141	-13
DISC90L2	78 228	12	12	48.2082	-9.8163	2167	2162	11	47044	-138	-9
DISC90L2	78 228	12	18	48.2015	-9.7998	2292	2286	11	47036	-143	-3
DISC90L2	78 228	12	24	48.1947	-9.7832	2031	2026	11	47034	-142	5
DISC90L2	78 228	12	30	48.1877	-9.7663	1807	1801	11	47030	-144	13
DISC90L2	78 228	12	36	48.1807	-9.7497	1428	1425	11	47028	-143	22

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	59 78 228	1242	48.1737	-9.7328	1191	1189	11	47018	-150	30
DISC90L2	78 228	1248	48.1668	-9.7163	1086	1084	11	47012	-153	39
DISC90L2	78 228	1254	48.1595	-9.6992	826	825	11	47006	-157	49
DISC90L2	78 228	13 0	48.1523	-9.6818	776	775	11	47010	-150	58
DISC90L2	78 228	13 6	48.1452	-9.6648	766	764	11	47012	-145	62
DISC90L2	78 228	1312	48.1385	-9.6485	737	737	11	47014	-140	65
DISC90L2	78 228	1318	48.1315	-9.6317	728	728	11	47002	-150	69
DISC90L2	78 228	1324	48.1243	-9.6145	715	715	11	46998	-151	70
DISC90L2	78 228	1330	48.1172	-9.5972	747	746	11	46996	-150	72
DISC90L2	78 228	1336	48.1100	-9.5802	729	728	11	46998	-145	71
DISC90L2	78 228	1342	48.1027	-9.5628	754	753	11	47006	-134	70
DISC90L2	78 228	1348	48.0955	-9.5457	847	847	11	47004	-133	66
DISC90L2	78 228	1354	48.0883	-9.5287	1126	1123	11	47008	-127	58
DISC90L2	78 228	14 0	48.0813	-9.5117	1073	1072	11	47014	-118	56
DISC90L2	78 228	14 6	48.0742	-9.4945	875	874	11	47020	-109	50
DISC90L2	78 228	1412	48.0672	-9.4770	976	975	11	47024	-102	42
DISC90L2	78 228	1418	48.0602	-9.4597	1281	1278	11	47016	-107	28
DISC90L2	78 228	1424	48.0532	-9.4422	1536	1533	11	47004	-117	14
DISC90L2	78 228	1430	48.0462	-9.4250	1976	1970	11	46998	-120	2
DISC90L2	78 228	1436	48.0393	-9.4077	2076	2070	11	46992	-123	-8
DISC90L2	78 228	1442	48.0325	-9.3907	2261	2255	11	46984	-128	-17
DISC90L2	78 228	1448	48.0260	-9.3738	2436	2430	11	46980	-130	-25
DISC90L2	78 228	1454	48.0192	-9.3570	2698	2694	11	46980	-127	-30
DISC90L2	78 228	15 0	48.0123	-9.3398	2642	2637	11	46980	-124	-33
DISC90L2	78 228	15 6	48.0057	-9.3228	3132	3129	11	46978	-124	-33
DISC90L2	78 228	1512	47.9990	-9.3060	2168	2162	11	46972	-128	-33
DISC90L2	78 228	1518	47.9922	-9.2888	2306	2301	11	46968	-129	-35
DISC90L2	78 228	1524	47.9852	-9.2717	2051	2045	11	46966	-128	-36
DISC90L2	78 228	1530	47.9783	-9.2545	2242	2237	11	46956	-135	-42
DISC90L2	78 228	1536	47.9715	-9.2373	2626	2621	11	46942	-146	-49
DISC90L2	78 228	1542	47.9647	-9.2202	2977	2974	11	46940	-146	-57
DISC90L2	78 228	1548	47.9575	-9.2035	3543	3546	11	46944	-139	-65
DISC90L2	78 228	1554	47.9503	-9.1862	3297	3295	11	46956	-124	-69
DISC90L2	78 228	16 0	47.9432	-9.1687	3497	3498	11	46960	-117	-73
DISC90L2	78 228	16 6	47.9358	-9.1510	3177	3175	11	46956	-118	-74
DISC90L2	78 228	1612	47.9283	-9.1333	3347	3347	11	46944	-127	-76
DISC90L2	78 228	1618	47.9210	-9.1158	3471	3473	11	46936	-132	-75
DISC90L2	78 228	1624	47.9137	-9.0982	3026	3023	11	46924	-141	-73
DISC90L2	78 228	1630	47.9062	-9.0817	3311	3310	11	46928	-134	-70
DISC90L2	78 228	1636	47.8983	-9.0648	3372	3372	11	46936	-123	-70
DISC90L2	78 228	1642	47.8905	-9.0480	2967	2963	11	46938	-118	-65
DISC90L2	78 228	1648	47.8827	-9.0312	2863	2858	11	46950	-103	-58
DISC90L2	78 228	1654	47.8747	-9.0143	2631	2626	11	46954	-96	-52
DISC90L2	78 228	17 0	47.8668	-8.9977	2607	2606	12	46952	-94	-45
DISC90L2	78 228	17 6	47.8588	-8.9808	2396	2396	12	46948	-95	-38
DISC90L2	78 228	1712	47.8507	-8.9637	2304	2304	12	46946	-94	-32
DISC90L2	78 228	1718	47.8428	-8.9472	2216	2215	12	46938	-99	-30
DISC90L2	78 228	1724	47.8348	-8.9305	2199	2200	12	46938	-96	-26
DISC90L2	78 228	1730	47.8267	-8.9133	2221	2220	12	46944	-87	-26
DISC90L2	78 228	1736	47.8185	-8.8963	2231	2231	12	46958	-70	-25
DISC90L2	78 228	1742	47.8102	-8.8797	2466	2465	12	46954	-71	-25
DISC90L2	78 228	1748	47.8018	-8.8628	2347	2346	12	46930	-91	-28
DISC90L2	78 228	1754	47.7932	-8.8458	2341	2341	12	46926	-92	-30
DISC90L2	78 228	18 0	47.7850	-8.8292	2436	2436	12	46922	-93	-34
DISC90L2	78 228	18 6	47.7767	-8.8123	2727	2727	12	46924	-88	-36
DISC90L2	78 228	1812	47.7680	-8.7952	2922	2922	12	46924	-85	-38
DISC90L2	78 228	1818	47.7597	-8.7783	2911	2913	12	46912	-94	-42
DISC90L2	78 228	1824	47.7517	-8.7623	2956	2959	12	46904	-99	-48
DISC90L2	78 228	1830	47.7440	-8.7463	3162	3166	12	46900	-100	-50
DISC90L2	78 228	1836	47.7367	-8.7305	3231	3235	12	46894	-103	-53
DISC90L2	78 228	1842	47.7290	-8.7143	3062	3065	12	46904	-90	-55
DISC90L2	78 228	1848	47.7213	-8.6980	3118	3122	12	46912	-79	-55
DISC90L2	78 228	1854	47.7137	-8.6820	3228	3231	12	46902	-86	-54
DISC90L2	78 228	19 0	47.7060	-8.6655	3344	3349	12	46894	-91	-55
DISC90L2	78 228	19 6	47.6983	-8.6490	3502	3509	12	46904	-78	-51
DISC90L2	78 228	1912	47.6910	-8.6327	3287	3292	12	46930	-49	-46
DISC90L2	78 228	1918	47.6838	-8.6168	3092	3094	12	46962	-15	-42
DISC90L2	78 228	1924	47.6765	-8.6008	3097	3100	12	46956	-18	-38
DISC90L2	78 228	1930	47.6690	-8.5847	3257	3261	12	46924	-47	-31
DISC90L2	78 228	1936	47.6615	-8.5687	2986	2988	12	46902	-66	-25
DISC90L2	78 228	1942	47.6538	-8.5523	2466	2465	12	46906	-59	-11
DISC90L2	78 228	1948	47.6465	-8.5363	2130	2129	12	46902	-61	-3
DISC90L2	78 228	1954	47.6390	-8.5200	2013	2012	12	46892	-68	5
DISC90L2	78 228	20 0	47.6312	-8.5038	1971	1971	12	46898	-59	13
DISC90L2	78 228	20 6	47.6232	-8.4875	1843	1843	12	46898	-56	19
DISC90L2	78 228	2012	47.6152	-8.4707	1844	1843	12	46890	-61	26
DISC90L2	78 228	2018	47.6073	-8.4538	1809	1809	12	46864	-84	32
DISC90L2	78 228	2024	47.5997	-8.4368	1779	1779	12	46844	-101	34
DISC90L2	78 228	2030	47.5920	-8.4200	1767	1767	12	46846	-96	35
DISC90L2	78 228	2036	47.5843	-8.4032	1901	1900	12	46846	-93	34
DISC90L2	78 228	2042	47.5767	-8.3863	1913	1913	12	46876	-80	31
DISC90L2	78 228	2048	47.5692	-8.3700	1901	1900	12	46906	-27	27
DISC90L2	78 228	2054	47.5617	-8.3533	1953	1953	12	46898	-32	24
DISC90L2	78 228	21 0	47.5543	-8.3370	2002	2001	12	46896	-31	20
DISC90L2	78 228	21 6	47.5470	-8.3207	2028	2028	12	46892	-33	16
DISC90L2	78 228	2112	47.5397	-8.3040	2053	2052	12	46878	-44	15
DISC90L2	78 228	2118	47.5325	-8.2870	2079	2079	12	46862	-57	13
DISC90L2	78 228	2124	47.5250	-8.2698	2111	2110	12	46852	-64	12
DISC90L2	78 228	2130	47.5178	-8.2530	2153	2152	12	46832	-81	9
DISC90L2	78 228	2136	47.5105	-8.2358	2207	2206	12	46814	-97	5
DISC90L2	78 228	2142	47.5032	-8.2188	2301	2301	12	46798	-110	2
DISC90L2	78 228	2148	47.4960	-8.2022	2267	2268	12	46788	-117	-2
DISC90L2	78 228	2154	47.4855	-8.1947	2305	2304	12	46778	-123	-2

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 228	22 0	47.4757	-8.2008	2286	2286	12	46776	-122	-5
DISC90L2	78 228	2206	47.4653	-8.2097	2264	2264	12	46778	-117	-4
DISC90L2	78 228	2212	47.4543	-8.2190	2252	2251	12	46788	-104	-3
DISC90L2	78 228	2218	47.4435	-8.2285	2252	2251	12	46804	-84	-3
DISC90L2	78 228	2224	47.4323	-8.2382	2271	2271	12	46798	-87	-5
DISC90L2	78 228	2230	47.4212	-8.2473	2292	2291	12	46772	-110	-6
DISC90L2	78 228	2236	47.4095	-8.2568	2316	2315	12	46756	-122	-7
DISC90L2	78 228	2242	47.3975	-8.2670	2341	2341	12	46740	-134	-7
DISC90L2	78 228	2248	47.3860	-8.2767	2362	2361	12	46736	-135	-6
DISC90L2	78 228	2254	47.3750	-8.2853	2388	2388	12	46732	-135	-6
DISC90L2	78 228	23 0	47.3640	-8.2940	2422	2421	12	46728	-136	-3
DISC90L2	78 228	23 6	47.3522	-8.3027	2466	2465	12	46720	-140	-2
DISC90L2	78 228	2312	47.3405	-8.3110	2513	2513	12	46722	-135	-3
DISC90L2	78 228	2318	47.3290	-8.3190	2568	2568	12	46720	-133	-3
DISC90L2	78 228	2324	47.3173	-8.3273	2633	2633	12	46724	-125	-2
DISC90L2	78 228	2330	47.3053	-8.3360	2702	2703	12	46724	-122	-5
DISC90L2	78 228	2336	47.2935	-8.3445	2777	2778	12	46728	-114	0
DISC90L2	78 228	2342	47.2853	-8.3568	2824	2825	12	46722	-118	-6
DISC90L2	78 228	2348	47.2858	-8.3737	2839	2840	12	46732	-108	-4
DISC90L2	78 228	2354	47.2922	-8.3895	2832	2833	12	46744	-99	-3
DISC90L2	60 78 3 1	0 0	47.3000	-8.4040	2817	2818	12	46752	-94	-3
DISC90L2	78 3 1	0 6	47.3082	-8.4187	2792	2793	12	46768	-81	-3
DISC90L2	78 3 1	012	47.3163	-8.4340	2773	2774	12	46780	-72	0
DISC90L2	78 3 1	018	47.3245	-8.4488	2752	2752	12	46792	-63	2
DISC90L2	78 3 1	024	47.3323	-8.4630	2701	2701	12	46796	-62	6
DISC90L2	78 3 1	030	47.3398	-8.4760	2629	2630	12	46790	-70	6
DISC90L2	78 3 1	036	47.3472	-8.4897	2540	2540	12	46788	-75	11
DISC90L2	78 3 1	042	47.3537	-8.5027	2472	2473	12	46786	-80	13
DISC90L2	78 3 1	048	47.3600	-8.5148	2416	2416	12	46790	-78	17
DISC90L2	78 3 1	054	47.3662	-8.5262	2374	2374	12	46790	-80	20
DISC90L2	78 3 1	1 0	47.3723	-8.5375	2330	2330	12	46796	-77	20
DISC90L2	78 3 1	1 6	47.3783	-8.5490	2292	2291	12	46800	-75	22
DISC90L2	78 3 1	112	47.3842	-8.5597	2261	2260	12	46802	-75	22
DISC90L2	78 3 1	118	47.3898	-8.5702	2241	2240	12	46806	-73	25
DISC90L2	78 3 1	124	47.3958	-8.5805	2221	2220	12	46810	-71	25
DISC90L2	78 3 1	130	47.4017	-8.5915	2210	2209	12	46814	-70	25
DISC90L2	78 3 1	136	47.4077	-8.6023	2198	2198	12	46818	-68	24
DISC90L2	78 3 1	142	47.4128	-8.6107	2197	2196	12	46820	-68	21
DISC90L2	78 3 1	148	47.4187	-8.6202	2195	2196	12	46818	-72	19
DISC90L2	78 3 1	154	47.4245	-8.6297	2196	2196	12	46814	-78	17
DISC90L2	78 3 1	2 0	47.4305	-8.6392	2196	2196	12	46818	-76	17
DISC90L2	78 3 1	2 6	47.4365	-8.6485	2196	2196	12	46820	-76	17
DISC90L2	78 3 1	212	47.4422	-8.6575	2196	2196	12	46816	-82	17
DISC90L2	78 3 1	218	47.4478	-8.6660	2194	2195	12	46814	-86	17
DISC90L2	78 3 1	224	47.4537	-8.6752	2186	2185	12	46816	-87	15
DISC90L2	78 3 1	230	47.4597	-8.6848	2181	2180	12	46820	-85	13
DISC90L2	78 3 1	236	47.4655	-8.6948	2173	2173	12	46826	-81	13
DISC90L2	78 3 1	242	47.4713	-8.7040	2162	2162	12	46830	-79	13
DISC90L2	78 3 1	248	47.4772	-8.7130	2147	2147	12	46838	-73	14
DISC90L2	78 3 1	254	47.4835	-8.7222	2154	2154	12	46846	-68	12
DISC90L2	78 3 1	3 0	47.4895	-8.7315	2146	2145	12	46850	-66	10
DISC90L2	78 3 1	3 6	47.4953	-8.7405	2145	2145	12	46854	-64	12
DISC90L2	78 3 1	312	47.5010	-8.7503	2129	2129	12	46852	-68	11
DISC90L2	78 3 1	318	47.5063	-8.7602	2121	2120	12	46852	-70	10
DISC90L2	78 3 1	324	47.5118	-8.7702	2119	2120	12	46846	-78	10
DISC90L2	78 3 1	330	47.5173	-8.7803	2132	2131	12	46844	-82	9
DISC90L2	78 3 1	336	47.5225	-8.7907	2151	2151	12	46842	-86	6
DISC90L2	78 3 1	342	47.5278	-8.8017	2204	2204	12	46840	-90	2
DISC90L2	78 3 1	348	47.5332	-8.8108	2261	2260	12	46834	-98	-3
DISC90L2	78 3 1	354	47.5387	-8.8208	2267	2268	12	46832	-102	-3
DISC90L2	78 3 1	4 0	47.5445	-8.8318	2317	2317	12	46832	-104	-4
DISC90L2	78 3 1	4 6	47.5497	-8.8410	2373	2372	12	46832	-106	-3
DISC90L2	78 3 1	412	47.5550	-8.8507	2427	2427	12	46830	-110	-7
DISC90L2	78 3 1	418	47.5605	-8.8602	2483	2482	12	46830	-112	-9
DISC90L2	78 3 1	424	47.5658	-8.8703	2559	2560	12	46832	-112	-12
DISC90L2	78 3 1	430	47.5713	-8.8802	2619	2619	12	46836	-110	-18
DISC90L2	78 3 1	436	47.5763	-8.8890	2703	2703	12	46834	-114	-21
DISC90L2	78 3 1	442	47.5815	-8.8977	2772	2772	12	46838	-112	-26
DISC90L2	78 3 1	448	47.5877	-8.9070	2882	2882	12	46838	-114	-29
DISC90L2	78 3 1	454	47.5927	-8.9158	2952	2954	12	46840	-114	-31
DISC90L2	78 3 1	5 0	47.5983	-8.9252	3037	3039	12	46840	-116	-34
DISC90L2	78 3 1	5 6	47.6032	-8.9350	3097	3100	12	46844	-114	-36
DISC90L2	78 3 1	512	47.6073	-8.9468	3157	3160	12	46846	-114	-41
DISC90L2	78 3 1	518	47.6115	-8.9582	3219	3222	12	46854	-107	-41
DISC90L2	78 3 1	524	47.6157	-8.9702	3311	3316	12	46854	-109	-42
DISC90L2	78 3 1	530	47.6198	-8.9820	3417	3422	12	46858	-107	-45
DISC90L2	78 3 1	536	47.6238	-8.9932	3412	3418	12	46860	-106	-49
DISC90L2	78 3 1	542	47.6280	-9.0047	3484	3486	11	46864	-104	-49
DISC90L2	78 3 1	548	47.6322	-9.0160	3607	3610	11	46864	-106	-51
DISC90L2	78 3 1	554	47.6365	-9.0267	3627	3630	11	46868	-104	-53
DISC90L2	78 3 1	6 0	47.6412	-9.0367	3585	3588	11	46874	-99	-54
DISC90L2	78 3 1	6 6	47.6460	-9.0473	3637	3641	11	46882	-93	-57
DISC90L2	78 3 1	612	47.6507	-9.0577	3737	3742	11	46886	-91	-56
DISC90L2	78 3 1	618	47.6553	-9.0680	3715	3720	11	46892	-87	-61
DISC90L2	78 3 1	624	47.6600	-9.0768	3768	3773	11	46896	-85	-60
DISC90L2	78 3 1	630	47.6652	-9.0873	3812	3819	11	46900	-83	-62
DISC90L2	78 3 1	636	47.6695	-9.0980	4044	4054	11	46906	-79	-61
DISC90L2	78 3 1	642	47.6702	-9.1110	4048	4058	11	46910	-75	-60
DISC90L2	78 3 1	648	47.6652	-9.1220	4002	4012	11	46908	-73	-60
DISC90L2	78 3 1	654	47.6568	-9.1317	3833	3840	11	46908	-72	-53
DISC90L2	78 3 1	7 0	47.6457	-9.1375	3664	3669	11	46906	-65	-46
DISC90L2	78 3 1	7 6	47.6320	-9.1425	3551	3553	11	46908	-65	-46
DISC90L2	78 3 1	712	47.6190	-9.1463	3427	3427	11	46906	-63	-41

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 3 1	718	47.6058	1510	3386	3387	11	46902	-63	-37
DISC90L2	78 3 1	724	47.5923	1558	3274	3274	11	46908	-53	-30
DISC90L2	78 3 1	730	47.5787	1610	3148	3146	11	46912	-44	-23
DISC90L2	78 3 1	736	47.5655	1665	2993	2990	11	46916	-36	-17
DISC90L2	78 3 1	742	47.5527	1715	2911	2908	11	46924	-24	-13
DISC90L2	78 3 1	748	47.5403	1763	2866	2862	11	46924	-20	-12
DISC90L2	78 3 1	754	47.5283	1818	2944	2941	11	46922	-18	-6
DISC90L2	78 3 1	8 0	47.5163	1867	3132	3129	11	46924	-13	-11
DISC90L2	78 3 1	8 6	47.5043	1922	3294	3294	11	46922	-11	-12
DISC90L2	78 3 1	812	47.4927	1977	3513	3515	11	46916	-13	-16
DISC90L2	78 3 1	818	47.4805	2032	3702	3707	11	46910	-15	-14
DISC90L2	78 3 1	824	47.4685	2093	3864	3872	11	46906	-15	-17
DISC90L2	78 3 1	830	47.4567	2167	4069	4080	11	46900	-18	-25
DISC90L2	78 3 1	836	47.4445	2237	4222	4237	11	46894	-20	-26
DISC90L2	78 3 1	842	47.4320	2278	4319	4336	11	46888	-22	-26
DISC90L2	78 3 1	848	47.4190	2318	4365	4382	11	46870	-36	-30
DISC90L2	78 3 1	854	47.4060	2348	4382	4400	11	46862	-39	-30
DISC90L2	78 3 1	9 0	47.3932	2378	4398	4417	11	46848	-49	-30
DISC90L2	78 3 1	9 6	47.3807	2407	4406	4424	11	46826	-67	-30
DISC90L2	78 3 1	912	47.3683	2427	4407	4426	11	46808	-81	-32
DISC90L2	78 3 1	918	47.3555	2455	4403	4422	11	46794	-91	-31
DISC90L2	78 3 1	924	47.3422	2483	4434	4453	11	46778	-103	-33
DISC90L2	78 3 1	930	47.3288	2512	4443	4462	11	46762	-114	-32
DISC90L2	78 3 1	936	47.3152	2550	4446	4466	11	46748	-124	-31
DISC90L2	78 3 1	942	47.3022	2577	4446	4466	11	46738	-130	-31
DISC90L2	78 3 1	948	47.2890	2607	4449	4470	11	46726	-138	-31
DISC90L2	78 3 1	954	47.2757	2637	4449	4470	11	46720	-139	-30
DISC90L2	78 3 1	10 0	47.2627	2670	4450	4470	11	46712	-143	-27
DISC90L2	78 3 1	10 6	47.2502	2700	4450	4470	11	46702	-149	-28
DISC90L2	78 3 1	1012	47.2375	2740	4452	4471	11	46698	-149	-27
DISC90L2	78 3 1	1018	47.2248	2773	4452	4477	12	46690	-153	-28
DISC90L2	78 3 1	1024	47.2118	2707	4453	4477	12	46688	-150	-26
DISC90L2	78 3 1	1030	47.2033	2537	4454	4479	12	46676	-159	-26
DISC90L2	78 3 1	1036	47.1952	2370	4454	4479	12	46670	-162	-27
DISC90L2	78 3 1	1042	47.1865	2217	4454	4479	12	46664	-164	-24
DISC90L2	78 3 1	1048	47.1770	2083	4455	4481	12	46666	-159	-26
DISC90L2	78 3 1	1054	47.1672	1957	4457	4482	12	46664	-157	-26
DISC90L2	78 3 1	11 0	47.1570	1837	4457	4482	12	46666	-152	-23
DISC90L2	78 3 1	11 6	47.1472	1712	4457	4482	12	46670	-144	-24
DISC90L2	78 3 1	1112	47.1367	1562	4457	4482	12	46672	-139	-22
DISC90L2	78 3 1	1118	47.1257	1400	4457	4482	12	46674	-133	-24
DISC90L2	78 3 1	1124	47.1215	1235	4456	4481	12	46678	-126	-22
DISC90L2	78 3 1	1130	47.1135	1075	4455	4481	12	46678	-123	-20
DISC90L2	78 3 1	1136	47.1055	0922	4455	4481	12	46674	-124	-20
DISC90L2	78 3 1	1142	47.0977	0765	4455	4481	12	46672	-123	-21
DISC90L2	78 3 1	1148	47.0898	0605	4456	4481	12	46664	-128	-19
DISC90L2	78 3 1	1154	47.0818	0442	4456	4481	12	46656	-133	-18
DISC90L2	78 3 1	12 0	47.0740	0278	4454	4479	12	46642	-144	-16
DISC90L2	78 3 1	12 6	47.0660	0117	4452	4477	12	46634	-149	-16
DISC90L2	78 3 1	1212	47.0583	9945	4447	4471	12	46620	-160	-13
DISC90L2	78 3 1	1218	47.0507	9773	4443	4468	12	46612	-166	-11
DISC90L2	78 3 1	1224	47.0433	9608	4431	4455	12	46596	-179	-9
DISC90L2	78 3 1	1230	47.0363	9448	4422	4446	12	46588	-184	-7
DISC90L2	78 3 1	1236	47.0290	9288	4407	4429	12	46576	-193	-4
DISC90L2	78 3 1	1242	47.0217	9128	4392	4415	12	46564	-202	-2
DISC90L2	78 3 1	1248	47.0145	8965	4369	4391	12	46558	-206	0
DISC90L2	78 3 1	1254	47.0073	8805	4342	4364	12	46546	-215	2
DISC90L2	78 3 1	13 0	47.0000	8642	4332	4353	12	46538	-220	6
DISC90L2	78 3 1	13 6	46.9928	8478	4327	4349	12	46532	-223	7
DISC90L2	78 3 1	1312	46.9857	8313	4329	4351	12	46528	-224	10
DISC90L2	78 3 1	1318	46.9785	8150	4316	4338	12	46518	-231	13
DISC90L2	78 3 1	1324	46.9713	7982	4307	4329	12	46512	-234	14
DISC90L2	78 3 1	1330	46.9640	7817	4287	4307	12	46502	-241	17
DISC90L2	78 3 1	1336	46.9567	7650	4258	4278	12	46498	-242	19
DISC90L2	78 3 1	1342	46.9493	7483	4234	4254	12	46494	-244	23
DISC90L2	78 3 1	1348	46.9423	7318	4228	4248	12	46488	-247	24
DISC90L2	78 3 1	1354	46.9353	7153	4218	4237	12	46486	-246	27
DISC90L2	78 3 1	14 0	46.9283	6988	4203	4221	12	46486	-243	31
DISC90L2	78 3 1	14 6	46.9212	6825	4168	4186	12	46486	-241	36
DISC90L2	78 3 1	1412	46.9140	6660	4112	4129	12	46482	-242	38
DISC90L2	78 3 1	1418	46.9068	6493	4042	4056	12	46474	-247	42
DISC90L2	78 3 1	1424	46.8995	6327	3979	3992	12	46470	-248	43
DISC90L2	78 3 1	1430	46.8923	6160	3948	3961	12	46466	-249	47
DISC90L2	78 3 1	1436	46.8853	5997	3924	3937	12	46468	-245	50
DISC90L2	78 3 1	1442	46.8783	5832	3903	3915	12	46466	-244	50
DISC90L2	78 3 1	1448	46.8710	5663	3870	3883	12	46470	-237	51
DISC90L2	78 3 1	1454	46.8637	5490	3849	3861	12	46472	-232	53
DISC90L2	78 3 1	15 0	46.8568	5312	3820	3831	12	46474	-227	54
DISC90L2	78 3 1	15 6	46.8480	5135	3783	3793	12	46470	-228	53
DISC90L2	78 3 1	1512	46.8403	4958	3752	3762	12	46470	-225	52
DISC90L2	78 3 1	1518	46.8323	4780	3754	3764	12	46468	-224	50
DISC90L2	78 3 1	1524	46.8247	4605	3764	3775	12	46462	-227	47
DISC90L2	78 3 1	1530	46.8168	4428	3806	3817	12	46456	-230	45
DISC90L2	78 3 1	1536	46.8090	4252	3863	3875	12	46452	-231	41
DISC90L2	78 3 1	1542	46.8010	4078	3946	3959	12	46454	-226	37
DISC90L2	78 3 1	1548	46.7933	3908	4011	4025	12	46452	-225	32
DISC90L2	78 3 1	1554	46.7865	3728	4062	4078	12	46448	-226	28
DISC90L2	78 3 1	16 0	46.7865	3522	4081	4097	12	46454	-220	23
DISC90L2	78 3 1	16 6	46.7938	3345	4102	4118	12	46462	-214	19
DISC90L2	78 3 1	1612	46.8052	3233	4101	4117	12	46460	-219	17
DISC90L2	78 3 1	1618	46.8172	3128	4123	4139	12	46470	-213	16
DISC90L2	78 3 1	1624	46.8297	3018	4134	4151	12	46468	-219	17
DISC90L2	78 3 1	1630	46.8420	2907	4176	4193	12	46478	-213	16

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 3 1	1636	46.8543	-8.2795	4207	4225	12	46482	-213	15
DISC90L2	78 3 1	1642	46.8668	-8.2680	4205	4223	12	46482	-217	14
DISC90L2	78 3 1	1648	46.8793	-8.2568	4207	4225	12	46486	-217	12
DISC90L2	78 3 1	1654	46.8917	-8.2455	4207	4225	12	46478	-229	10
DISC90L2	78 3 1	17 0	46.9042	-8.2342	4192	4210	12	46478	-233	7
DISC90L2	78 3 1	17 6	46.9167	-8.2228	4175	4193	12	46496	-219	5
DISC90L2	78 3 1	1712	46.9290	-8.2115	4177	4195	12	46512	-207	3
DISC90L2	78 3 1	1718	46.9415	-8.2005	4177	4195	12	46524	-199	-1
DISC90L2	78 3 1	1724	46.9542	-8.1897	4161	4179	12	46536	-191	-4
DISC90L2	78 3 1	1730	46.9665	-8.1777	4148	4166	12	46542	-189	-7
DISC90L2	78 3 1	1736	46.9783	-8.1655	4129	4146	12	46556	-179	-9
DISC90L2	78 3 1	1742	46.9902	-8.1538	4114	4131	12	46564	-173	-14
DISC90L2	78 3 1	1748	47.0020	-8.1420	4099	4115	12	46568	-173	-18
DISC90L2	78 3 1	1754	47.0135	-8.1302	4067	4084	12	46568	-177	-23
DISC90L2	78 3 1	18 0	47.0253	-8.1183	4119	4137	12	46570	-179	-28
DISC90L2	78 3 1	18 6	47.0372	-8.1065	4167	4184	12	46570	-182	-32
DISC90L2	78 3 1	1812	47.0493	-8.0943	4203	4221	12	46566	-190	-36
DISC90L2	78 3 1	1818	47.0615	-8.0822	4333	4354	12	46570	-190	-42
DISC90L2	78 3 1	1824	47.0733	-8.0702	4343	4365	12	46568	-195	-46
DISC90L2	78 3 1	1830	47.0852	-8.0587	4325	4345	12	46574	-193	-51
DISC90L2	78 3 1	1836	47.0968	-8.0470	4283	4303	12	46580	-190	-55
DISC90L2	78 3 1	1842	47.1082	-8.0343	4356	4378	12	46588	-186	-58
DISC90L2	78 3 1	1848	47.1195	-8.0215	4334	4356	12	46594	-183	-63
DISC90L2	78 3 1	1854	47.1308	-8.0088	4344	4365	12	46604	-177	-64
DISC90L2	78 3 1	19 0	47.1423	-7.9962	4344	4365	12	46616	-169	-67
DISC90L2	78 3 1	19 6	47.1538	-7.9833	4312	4334	12	46622	-166	-68
DISC90L2	78 3 1	1912	47.1652	-7.9710	4315	4336	12	46640	-152	-71
DISC90L2	78 3 1	1918	47.1765	-7.9587	4271	4292	12	46650	-145	-72
DISC90L2	78 3 1	1924	47.1878	-7.9465	4226	4245	12	46652	-147	-75
DISC90L2	78 3 1	1930	47.1990	-7.9343	4150	4168	12	46674	-128	-75
DISC90L2	78 3 1	1936	47.2103	-7.9222	4176	4193	12	46680	-126	-76
DISC90L2	78 3 1	1942	47.2215	-7.9100	4267	4287	12	46654	-155	-77
DISC90L2	78 3 1	1948	47.2327	-7.8980	4236	4256	12	46634	-178	-79
DISC90L2	78 3 1	1954	47.2440	-7.8857	4182	4201	12	46626	-190	-79
DISC90L2	78 3 1	20 0	47.2553	-7.8733	4134	4150	12	46658	-161	-78
DISC90L2	78 3 1	20 6	47.2667	-7.8610	4122	4139	12	46702	-121	-81
DISC90L2	78 3 1	2012	47.2778	-7.8488	4122	4139	12	46700	-126	-80
DISC90L2	78 3 1	2018	47.2890	-7.8367	4162	4179	12	46684	-146	-81
DISC90L2	78 3 1	2024	47.3002	-7.8247	4137	4153	12	46684	-149	-81
DISC90L2	78 3 1	2030	47.3115	-7.8126	4122	4139	12	46680	-156	-81
DISC90L2	78 3 1	2036	47.3227	-7.8003	4077	4093	12	46678	-162	-80
DISC90L2	78 3 1	2042	47.3340	-7.7880	4017	4033	12	46672	-171	-81
DISC90L2	78 3 1	2048	47.3453	-7.7757	4062	4078	12	46676	-171	-80
DISC90L2	78 3 1	2054	47.3567	-7.7632	4112	4129	12	46684	-166	-80
DISC90L2	78 3 1	21 0	47.3682	-7.7513	4124	4140	12	46700	-154	-80
DISC90L2	78 3 1	21 6	47.3795	-7.7393	4062	4078	12	46714	-143	-79
DISC90L2	78 3 1	2112	47.3910	-7.7277	3917	3930	12	46720	-141	-78
DISC90L2	78 3 1	2118	47.4025	-7.7158	3672	3681	12	46724	-140	-76
DISC90L2	78 3 1	2124	47.4138	-7.7040	3552	3559	12	46728	-140	-74
DISC90L2	78 3 1	2130	47.4257	-7.6923	3532	3539	12	46734	-137	-69
DISC90L2	78 3 1	2136	47.4372	-7.6807	3547	3555	12	46744	-131	-64
DISC90L2	78 3 1	2142	47.4488	-7.6688	3532	3539	12	46764	-114	-58
DISC90L2	78 3 1	2148	47.4605	-7.6572	3322	3327	12	46770	-112	-50
DISC90L2	78 3 1	2154	47.4722	-7.6455	3076	3080	12	46774	-112	-39
DISC90L2	78 3 1	22 0	47.4837	-7.6338	2322	2321	12	46778	-111	-27
DISC90L2	78 3 1	22 6	47.4952	-7.6223	1876	1876	12	46788	-105	-13
DISC90L2	78 3 1	2212	47.5067	-7.6110	1701	1701	12	46794	-102	-0
DISC90L2	78 3 1	2218	47.5178	-7.6000	1337	1339	12	46802	-98	12
DISC90L2	78 3 1	2224	47.5292	-7.5890	1233	1234	12	46806	-97	20
DISC90L2	78 3 1	2230	47.5402	-7.5782	1136	1138	12	46810	-97	26
DISC90L2	78 3 1	2236	47.5513	-7.5673	1127	1128	12	46816	-94	30
DISC90L2	78 3 1	2242	47.5627	-7.5563	1173	1174	12	46818	-95	33
DISC90L2	78 3 1	2248	47.5742	-7.5453	1181	1183	12	46828	-89	37
DISC90L2	78 3 1	2254	47.5853	-7.5345	1241	1242	12	46834	-86	37
DISC90L2	78 3 1	23 0	47.5965	-7.5238	1294	1295	12	46834	-90	40
DISC90L2	78 3 1	23 6	47.6077	-7.5132	1274	1277	12	46824	-103	41
DISC90L2	78 3 1	2312	47.6187	-7.5025	1001	1002	12	46818	-113	44
DISC90L2	78 3 1	2318	47.6298	-7.4918	704	708	12	46808	-126	51
DISC90L2	78 3 1	2324	47.6408	-7.4808	477	481	12	46806	-131	57
DISC90L2	78 3 1	2330	47.6522	-7.4697	296	300	12	46800	-141	62
DISC90L2	78 3 1	2336	47.6635	-7.4585	270	278	12	46798	-146	64
DISC90L2	78 3 1	2342	47.6748	-7.4472	217	221	12	46796	-152	65
DISC90L2	78 3 1	2348	47.6860	-7.4358	188	192	12	46792	-159	65
DISC90L2	78 3 1	2354	47.6972	-7.4248	177	181	12	46806	-149	65
DISC90L2	61 78 3 2	0 0	47.7083	-7.4137	169	174	12	46836	-122	63
DISC90L2	78 3 2	0 6	47.7195	-7.4026	176	181	12	46878	-84	60
DISC90L2	78 3 2	012	47.7308	-7.3923	177	181	12	46906	-59	58
DISC90L2	78 3 2	018	47.7417	-7.3822	178	183	12	46920	-49	55
DISC90L2	78 3 2	024	47.7528	-7.3728	179	183	12	46934	-38	55
DISC90L2	78 3 2	030	47.7642	-7.3635	184	188	12	46942	-34	55
DISC90L2	78 3 2	036	47.7752	-7.3540	183	188	12	46936	-43	56
DISC90L2	78 3 2	042	47.7865	-7.3440	173	177	12	46922	-60	57
DISC90L2	78 3 2	048	47.7977	-7.3343	168	172	12	46902	-84	55
DISC90L2	78 3 2	054	47.8088	-7.3245	179	183	12	46880	-109	54
DISC90L2	78 3 2	1 0	47.8198	-7.3148	181	187	12	46866	-127	50
DISC90L2	78 3 2	1 6	47.8312	-7.3052	179	183	12	46860	-136	49
DISC90L2	78 3 2	112	47.8423	-7.2957	181	187	12	46860	-140	46
DISC90L2	78 3 2	118	47.8533	-7.2860	181	187	12	46864	-139	44
DISC90L2	78 3 2	124	47.8645	-7.2768	181	187	12	46862	-145	42
DISC90L2	78 3 2	130	47.8755	-7.2673	182	187	12	46860	-150	41
DISC90L2	78 3 2	136	47.8867	-7.2582	182	187	12	46862	-151	40
DISC90L2	78 3 2	142	47.8978	-7.2488	183	188	12	46854	-163	42
DISC90L2	78 3 2	148	47.9088	-7.2397	181	187	12	46826	-194	39

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	61 78 3 2	154	47.9200	-7.2312	181	187	12	46826	-198	37
DISC90L2	78 3 2	2 0	47.9313	-7.2222	181	187	12	46848	-179	38
DISC90L2	78 3 2	2 6	47.9428	-7.2132	179	183	12	46866	-165	35
DISC90L2	78 3 2	212	47.9543	-7.2040	179	183	12	46874	-160	35
DISC90L2	78 3 2	218	47.9657	-7.1952	178	183	12	46886	-152	34
DISC90L2	78 3 2	224	47.9765	-7.1867	178	183	12	46896	-145	32
DISC90L2	78 3 2	230	47.9860	-7.1760	176	181	12	46906	-138	33
DISC90L2	78 3 2	236	47.9902	-7.1598	171	176	12	46910	-135	36
DISC90L2	78 3 2	242	47.9900	-7.1400	161	165	12	46900	-145	37
DISC90L2	78 3 2	248	47.9897	-7.1203	150	155	12	46902	-146	38
DISC90L2	78 3 2	254	47.9892	-7.1008	138	143	12	46892	-152	42
DISC90L2	78 3 2	3 0	47.9883	-7.0813	136	141	12	46888	-155	43
DISC90L2	78 3 2	3 6	47.9877	-7.0618	151	155	12	46886	-157	42
DISC90L2	78 3 2	312	47.9870	-7.0422	161	165	12	46884	-158	41
DISC90L2	78 3 2	318	47.9863	-7.0228	161	165	12	46894	-147	43
DISC90L2	78 3 2	324	47.9855	-7.0035	161	165	12	46910	-131	46
DISC90L2	78 3 2	330	47.9847	-6.9840	166	170	12	46924	-115	46
DISC90L2	78 3 2	336	47.9840	-6.9645	166	170	12	46934	-105	46
DISC90L2	78 3 2	342	47.9832	-6.9452	170	174	12	46946	-92	47
DISC90L2	78 3 2	348	47.9842	-6.9260	171	176	12	46948	-90	47
DISC90L2	78 3 2	354	47.9352	-6.9068	169	174	12	46952	-86	48
DISC90L2	78 3 2	4 0	47.9865	-6.8877	166	170	12	46952	-86	48
DISC90L2	78 3 2	4 6	47.9887	-6.8692	161	165	12	46946	-93	48
DISC90L2	78 3 2	412	47.9907	-6.8503	158	163	12	46944	-95	47
DISC90L2	78 3 2	418	47.9925	-6.8315	156	161	12	46936	-103	48
DISC90L2	78 3 2	424	47.9945	-6.8125	157	163	12	46932	-108	46
DISC90L2	78 3 2	430	47.9963	-6.7933	154	159	12	46932	-108	46
DISC90L2	78 3 2	436	47.9985	-6.7738	157	163	12	46936	-104	46
DISC90L2	78 3 2	442	48.0003	-6.7545	159	165	0	46932	-109	45
DISC90L2	78 3 2	448	48.0022	-6.7353	161	167	0	46930	-112	42
DISC90L2	78 3 2	454	48.0047	-6.7155	163	167	0	46924	-118	42
DISC90L2	78 3 2	5 0	48.0067	-6.6955	164	169	0	46922	-120	39
DISC90L2	78 3 2	5 6	48.0082	-6.6758	164	169	0	46920	-122	36
DISC90L2	78 3 2	512	48.0098	-6.6565	165	169	0	46920	-123	35
DISC90L2	78 3 2	518	48.0115	-6.6370	159	155	0	46912	-131	33
DISC90L2	78 3 2	524	48.0132	-6.6180	154	150	0	46904	-139	33
DISC90L2	78 3 2	530	48.0152	-6.5990	144	141	0	46906	-137	32
DISC90L2	78 3 2	536	48.0173	-6.5800	133	130	0	46908	-136	27
DISC90L2	78 3 2	542	48.0188	-6.5608	149	144	0	46898	-146	26
DISC90L2	78 3 2	548	48.0205	-6.5418	154	150	0	46900	-144	23
DISC90L2	78 3 2	554	48.0222	-6.5230	158	154	0	46894	-150	24
DISC90L2	78 3 2	6 0	48.0242	-6.5018	156	152	0	46894	-151	23
DISC90L2	78 3 2	6 6	48.0262	-6.4810	153	148	0	46888	-157	23
DISC90L2	78 3 2	612	48.0282	-6.4597	150	146	0	46888	-157	22
DISC90L2	78 3 2	618	48.0303	-6.4388	142	137	0	46890	-155	22
DISC90L2	78 3 2	624	48.0325	-6.4180	142	137	0	46888	-158	20
DISC90L2	78 3 2	630	48.0347	-6.3975	144	141	0	46886	-160	19
DISC90L2	78 3 2	636	48.0367	-6.3767	146	143	0	46882	-164	20
DISC90L2	78 3 2	642	48.0387	-6.3555	149	144	0	46878	-169	19
DISC90L2	78 3 2	648	48.0398	-6.3332	150	146	0	46876	-171	18
DISC90L2	78 3 2	654	48.0410	-6.3113	145	141	0	46878	-169	19
DISC90L2	78 3 2	7 0	48.0422	-6.2893	143	139	0	46874	-173	18
DISC90L2	78 3 2	7 6	48.0433	-6.2673	141	137	0	46870	-177	20
DISC90L2	78 3 2	712	48.0445	-6.2453	139	135	0	46886	-161	20
DISC90L2	78 3 2	718	48.0455	-6.2230	138	134	0	46878	-169	22
DISC90L2	78 3 2	724	48.0465	-6.2007	127	123	0	46872	-174	24
DISC90L2	78 3 2	730	48.0477	-6.1785	128	124	0	46868	-178	25
DISC90L2	78 3 2	736	48.0487	-6.1567	139	135	0	46866	-180	24
DISC90L2	78 3 2	742	48.0497	-6.1350	141	137	0	46872	-174	22
DISC90L2	78 3 2	748	48.0507	-6.1135	141	137	0	46874	-172	21
DISC90L2	78 3 2	754	48.0518	-6.0925	139	135	0	46874	-172	19
DISC90L2	78 3 2	8 0	48.0528	-6.0708	138	134	0	46876	-170	20
DISC90L2	78 3 2	8 6	48.0540	-6.0495	137	134	0	46876	-170	19
DISC90L2	78 3 2	812	48.0548	-6.0272	134	130	0	46876	-170	
DISC90L2	78 3 2	818	48.0560	-6.0052	133	130	0	46880	-166	19
DISC90L2	78 3 2	824	48.0570	-5.9833	133	130	0	46892	-155	19
DISC90L2	78 3 2	830	48.0578	-5.9613	131	126	0	46892	-155	20
DISC90L2	78 3 2	836	48.0587	-5.9390	131	126	0	46900	-147	19
DISC90L2	78 3 2	842	48.0597	-5.9170	129	124	0	46906	-141	16
DISC90L2	78 3 2	848	48.0605	-5.8950	129	124	0	46912	-135	17
DISC90L2	78 3 2	854	48.0613	-5.8728	130	126	0	46912	-135	15
DISC90L2	78 3 2	9 0	48.0633	-5.8508	133	130	0	46908	-139	16
DISC90L2	78 3 2	9 6	48.0658	-5.8293	133	130	0	46902	-146	14
DISC90L2	78 3 2	912	48.0660	-5.8067	134	130	0	46886	-162	14
DISC90L2	78 3 2	918	48.0657	-5.7847	132	128	0	46894	-153	13
DISC90L2	78 3 2	924	48.0655	-5.7627	131	126	0	46890	-157	16
DISC90L2	78 3 2	930	48.0653	-5.7413	128	124	0	46890	-157	16
DISC90L2	78 3 2	936	48.0645	-5.7210	127	123	0	46892	-154	16
DISC90L2	78 3 2	942	48.0635	-5.7003	128	124	0	46886	-160	18
DISC90L2	78 3 2	948	48.0668	-5.6800	127	123	0	46880	-166	17
DISC90L2	78 3 2	954	48.0712	-5.6597	126	123	0	46884	-164	18
DISC90L2	78 3 2	10 0	48.0757	-5.6392	126	123	0	46880	-169	19
DISC90L2	78 3 2	10 6	48.0803	-5.6183	125	121	0	46870	-180	16
DISC90L2	78 3 2	1012	48.0847	-5.5973	124	121	0	46860	-191	18
DISC90L2	78 3 2	1018	48.0887	-5.5763	123	119	0	46860	-192	18
DISC90L2	78 3 2	1024	48.0925	-5.5553	123	119	0	46860	-193	19
DISC90L2	78 3 2	1030	48.0963	-5.5343	122	119	0	46862	-192	19
DISC90L2	78 3 2	1036	48.1003	-5.5130	122	119	0	46858	-197	22
DISC90L2	78 3 2	1042	48.1042	-5.4915	122	119	0	46858	-198	23
DISC90L2	78 3 2	1048	48.1078	-5.4703	121	117	0	46860	-197	24
DISC90L2	78 3 2	1054	48.1120	-5.4488	121	117	0	46860	-198	26
DISC90L2	78 3 2	11 0	48.1160	-5.4272	121	117	0	46856	-203	29
DISC90L2	78 3 2	11 6	48.1200	-5.4057	121	117	0	46854	-206	28

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC90L2	78 3 2	1112	48.1243	-5.3840	121	117	0	46850	-211	29
DISC90L2	78 3 2	1118	48.1283	-5.3632	116	113	0	46858	-204	26
DISC90L2	78 3 2	1124	48.1322	-5.3430	116	113	0	46864	-199	26
DISC90L2	78 3 2	1130	48.1362	-5.3227	115	112	0	46864	-200	26
DISC90L2	78 3 2	1136	48.1402	-5.3022	114	112	0	46852	-213	26
DISC90L2	78 3 2	1142	48.1447	-5.2822	112	110	0	46846	-220	24
DISC90L2	78 3 2	1148	48.1493	-5.2618	112	110	0	46842	-225	23
DISC90L2	78 3 2	1154	48.1538	-5.2417	112	110	0	46844	-224	21
DISC90L2	78 3 2	12 0	48.1583	-5.2215	110	108	0	46844	-225	18
DISC90L2	78 3 2	12 6	48.1630	-5.2010	107	104	0	46848	-222	17
DISC90L2	78 3 2	1212	48.1680	-5.1808	102	99	0	46858	-214	15
DISC90L2	78 3 2	1218	48.1782	-5.1705	102	99	0	46846	-229	15
DISC90L2	78 3 2	1224	48.1910	-5.1635	99	95	0	46852	-227	15
DISC90L2	78 3 2	1230	48.2035	-5.1567	101	99	0	46852	-230	15
DISC90L2	78 3 2	1236	48.2170	-5.1502	99	95	0	46866	-221	17
DISC90L2	78 3 2	1242	48.2303	-5.1440	99	95	0			20
DISC90L2	78 3 2	1248	48.2437	-5.1382	97	93	0			22
DISC90L2	78 3 2	1254	48.2545	-5.1335	98	95	0			21
DISC90L2	78 3 2	13 0	48.2633	-5.1288	98	95	0			
DISC90L2	78 3 2	13 6	48.2722	-5.1235						
DISC90L2	78 3 2	1312	48.2825	-5.1185						

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 3 6	124	47.8530	-7.4390						
DISC91	78 3 6	130	47.8495	-7.4575						
DISC91	78 3 6	136	47.8462	-7.4757						
DISC91	78 3 6	142	47.8427	-7.4942						
DISC91	78 3 6	148	47.8392	-7.5125						
DISC91	78 3 6	154	47.8358	-7.5308						
DISC91	78 3 6	2 0	47.8325	-7.5493						
DISC91	78 3 6	2 6	47.8292	-7.5678						
DISC91	78 3 6	212	47.8258	-7.5863						
DISC91	78 3 6	218	47.8225	-7.6045						
DISC91	78 3 6	224	47.8193	-7.6223						
DISC91	78 3 6	230	47.8158	-7.6408						
DISC91	78 3 6	236	47.8125	-7.6590						
DISC91	78 3 6	242	47.8092	-7.6772						
DISC91	78 3 6	248	47.8060	-7.6953						
DISC91	78 3 6	254	47.8027	-7.7137						
DISC91	78 3 6	3 0	47.7993	-7.7320						
DISC91	78 3 6	3 6	47.7963	-7.7505						
DISC91	78 3 6	312	47.7938	-7.7692						
DISC91	78 3 6	318	47.7913	-7.7875						
DISC91	78 3 6	324	47.7888	-7.8060						
DISC91	78 3 6	330	47.7865	-7.8247						
DISC91	78 3 6	336	47.7837	-7.8438	595	585	12			
DISC91	78 3 6	342	47.7807	-7.8643	626	614	12			
DISC91	78 3 6	348	47.7778	-7.8847	688	675	12			
DISC91	78 3 6	354	47.7748	-7.9053	694	680	12			
DISC91	78 3 6	4 0	47.7718	-7.9255	719	706	12			
DISC91	78 3 6	4 6	47.7690	-7.9458	631	620	12			
DISC91	78 3 6	412	47.7660	-7.9662	611	600	12			
DISC91	78 3 6	418	47.7630	-7.9863	651	638	12			
DISC91	78 3 6	424	47.7600	-8.0065	703	689	12			
DISC91	78 3 6	430	47.7572	-8.0265	759	744	12			
DISC91	78 3 6	436	47.7542	-8.0470	812	796	12			
DISC91	78 3 6	442	47.7513	-8.0672	867	849	12			
DISC91	78 3 6	448	47.7485	-8.0873	918	898	12			
DISC91	78 3 6	454	47.7455	-8.1073	970	949	12			
DISC91	78 3 6	5 0	47.7427	-8.1275	1018	995	12			
DISC91	78 3 6	5 6	47.7400	-8.1478	1071	1048	12			
DISC91	78 3 6	512	47.7373	-8.1682	1127	1101	12			
DISC91	78 3 6	518	47.7345	-8.1892	1184	1158	12			
DISC91	78 3 6	524	47.7315	-8.2092	1245	1216	12			
DISC91	78 3 6	530	47.7287	-8.2277	1321	1289	12			
DISC91	78 3 6	536	47.7255	-8.2467	1344	1313	12			
DISC91	78 3 6	542	47.7225	-8.2658	1382	1350	12			
DISC91	78 3 6	548	47.7195	-8.2848	1439	1405	12			
DISC91	78 3 6	554	47.7165	-8.3038	1473	1437	12			
DISC91	78 3 6	6 0	47.7132	-8.3235	1509	1472	12			
DISC91	78 3 6	6 6	47.7100	-8.3442	1565	1527	12			
DISC91	78 3 6	612	47.7068	-8.3650	1648	1608	12			
DISC91	78 3 6	618	47.7035	-8.3860	1739	1697	12			
DISC91	78 3 6	624	47.7005	-8.4067	1739	1697	12			
DISC91	78 3 6	630	47.6973	-8.4277	1696	1655	12			
DISC91	78 3 6	636	47.6943	-8.4483	1749	1706	12			
DISC91	78 3 6	642	47.6912	-8.4688	1898	1851	12			
DISC91	78 3 6	648	47.6882	-8.4895	2185	2131	12			
DISC91	78 3 6	654	47.6850	-8.5107	2488	2427	12			
DISC91	78 3 6	7 0	47.6820	-8.5302						
DISC91	78 3 6	7 6	47.6793	-8.5485						
DISC91	78 3 6	712	47.6767	-8.5668						
DISC91	78 3 6	718	47.6740	-8.5852						
DISC91	78 3 6	724	47.6712	-8.6035						
DISC91	78 3 6	730	47.6683	-8.6220						
DISC91	78 3 6	736	47.6653	-8.6408	3462	3381	12			
DISC91	78 3 6	742	47.6623	-8.6597	3277	3200	12			
DISC91	78 3 6	748	47.6595	-8.6787	3124	3049	12			
DISC91	78 3 6	754	47.6568	-8.6977	3211	3135	12			
DISC91	78 3 6	8 0	47.6540	-8.7168	3238	3162	12			
DISC91	78 3 6	8 6	47.6512	-8.7360	3313	3235	12			
DISC91	78 3 6	812	47.6483	-8.7552	3350	3272	12			-44
DISC91	78 3 6	818	47.6453	-8.7743	3436	3356	12			-44
DISC91	78 3 6	824	47.6425	-8.7930	3436	3356	12			-46
DISC91	78 3 6	830	47.6395	-8.8122	3474	3394	12			-47
DISC91	78 3 6	836	47.6363	-8.8315	3514	3433	12			-47
DISC91	78 3 6	842	47.6332	-8.8513	3504	3424	12			-47
DISC91	78 3 6	848	47.6303	-8.8707	3569	3488	12			-48
DISC91	78 3 6	854	47.6273	-8.8905	3582	3500	12			-48
DISC91	78 3 6	9 0	47.6247	-8.9103	3555	3475	12			-48
DISC91	78 3 6	9 6	47.6222	-8.9307	3559	3478	12			-47
DISC91	78 3 6	912	47.6198	-8.9513	3467	3387	12			-47
DISC91	78 3 6	918	47.6175	-8.9713	3518	3438	12			-45
DISC91	78 3 6	924	47.6152	-8.9908	3463	3383	12			-46
DISC91	78 3 6	930	47.6132	-9.0107	3443	3358	11	46864	-100	-44
DISC91	78 3 6	936	47.6107	-9.0312	3411	3327	11	46874	-90	-45
DISC91	78 3 6	942	47.6103	-9.0523	3458	3372	11	46870	-94	-41
DISC91	78 3 6	948	47.6167	-9.0708	3452	3367	11	46876	-91	-42
DISC91	78 3 6	954	47.6245	-9.0865	3570	3484	11	46874	-96	-45
DISC91	78 3 6	10 0	47.6325	-9.1022	3688	3601	11	46880	-93	-48
DISC91	78 3 6	10 6	47.6403	-9.1178	3726	3637	11	46886	-90	-52
DISC91	78 3 6	1012	47.6482	-9.1333	3816	3727	11	46890	-89	-56
DISC91	78 3 6	1018	47.6560	-9.1488	3912	3822	11	46886	-96	-58
DISC91	78 3 6	1024	47.6639	-9.1652	4062	3972	11	46892	-93	-62
DISC91	78 3 6	1030	47.6717	-9.1818	4181	4089	11	46890	-98	-66
DISC91	78 3 6	1036	47.6800	-9.1987	4186	4095	11	46886	-105	-68

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 3 6	1042	47.6882	-9.2155	4194	4102	11	46880	-115	-69
DISC91	78 3 6	1048	47.6928	-9.2242	4046	3956	11	46878	-118	
DISC91	78 3 6	1054	47.6995	-9.2403	3862	3773	11	46876	-123	
DISC91	78 3 6	11 0	47.7072	-9.2590	3968	3877	11	46882	-120	-80
DISC91	78 3 6	11 6	47.7148	-9.2773	4037	3947	11	46892	-113	-82
DISC91	78 3 6	1112	47.7223	-9.2957	4191	4100	11	46894	-114	-82
DISC91	78 3 6	1118	47.7297	-9.3137	4175	4084	11	46912	-99	-82
DISC91	78 3 6	1124	47.7370	-9.3312	4134	4043	11	46914	-100	-82
DISC91	78 3 6	1130	47.7443	-9.3487	4098	4007	11	46906	-111	-80
DISC91	78 3 6	1136	47.7517	-9.3662	4026	3936	11	46894	-126	-79
DISC91	78 3 6	1142	47.7592	-9.3840	3789	3700	11	46874	-149	-77
DISC91	78 3 6	1148	47.7672	-9.4020	3642	3555	11	46846	-180	-73
DISC91	78 3 6	1154	47.7747	-9.4198	3293	3210	11	46822	-207	-72
DISC91	78 3 6	12 0	47.7822	-9.4372	3359	3275	11	46802	-230	-70
DISC91	78 3 6	12 6	47.7890	-9.4528				46812	-223	-67
DISC91	78 3 6	1212	47.7957	-9.4672	3662	3575	11	46834	-203	-68
DISC91	78 3 6	1218	47.8023	-9.4817	3985	3895	11	46828	-212	-68
DISC91	78 3 6	1224	47.8090	-9.4962	4055	3965	11	46846	-197	-69
DISC91	78 3 6	1230	47.8155	-9.5102	3949	3859	11	46848	-197	-69
DISC91	78 3 6	1236	47.8220	-9.5245	3965	3875	11	46854	-194	-67
DISC91	78 3 6	1242	47.8287	-9.5390	3921	3831	11	46852	-198	-66
DISC91	78 3 6	1248	47.8353	-9.5537	3929	3839	11	46862	-191	-63
DISC91	78 3 6	1254	47.8418	-9.5677	3898	3808	11	46872	-184	-61
DISC91	78 3 6	13 0	47.8482	-9.5817	3869	3780	11	46878	-180	-58
DISC91	78 3 6	13 6	47.8548	-9.5958	3847	3758	11	46890	-171	-55
DISC91	78 3 6	1312	47.8613	-9.6098	3795	3707	11	46896	-167	-51
DISC91	78 3 6	1318	47.8682	-9.6240	3754	3667	11	46902	-164	-46
DISC91	78 3 6	1324	47.8747	-9.6382	3713	3625	11	46898	-171	-41
DISC91	78 3 6	1330	47.8812	-9.6518	3308	3226	11	46892	-179	-37
DISC91	78 3 6	1336	47.8875	-9.6655	3242	3160	11	46890	-184	-33
DISC91	78 3 6	1342	47.8940	-9.6795	2801	2727	11			-30
DISC91	78 3 6	1348	47.9005	-9.6935	3077	2999	11	46906	-173	-28
DISC91	78 3 6	1354	47.9070	-9.7075	3154	3074	11	46910	-171	-28
DISC91	78 3 6	14 0	47.9137	-9.7217	3498	3413	11	46912	-172	-28
DISC91	78 3 6	14 6	47.9208	-9.7375	2990	2913	11	46920	-167	-26
DISC91	78 3 6	1412	47.9283	-9.7542	2826	2752	11	46922	-168	-23
DISC91	78 3 6	1418	47.9357	-9.7707	2677	2606	11	46928	-165	-21
DISC91	78 3 6	1424	47.9432	-9.7872	2693	2621	11	46936	-160	-20
DISC91	78 3 6	1430	47.9508	-9.8042	2754	2681	11	46940	-159	-19
DISC91	78 3 6	1436	47.9583	-9.8208	2565	2496	11	46942	-160	-20
DISC91	78 3 6	1442	47.9658	-9.8373	2831	2756	11	46938	-166	-23
DISC91	78 3 6	1448	47.9732	-9.8537	2987	2910	11	46944	-163	-26
DISC91	78 3 6	1454	47.9805	-9.8698	3231	3149	11	46944	-166	-29
DISC91	78 3 6	15 0	47.9878	-9.8860	3544	3458	11	46950	-163	-32
DISC91	78 3 6	15 6	47.9952	-9.9023	3539	3453	11	46952	-164	-34
DISC91	78 3 6	1512	48.0025	-9.9185	3283	3200	11	46946	-174	-35
DISC91	78 3 6	1518	48.0098	-9.9347	3508	3422	11	46950	-173	-36
DISC91	78 3 6	1524	48.0172	-9.9507	3180	3100	11	46954	-172	-37
DISC91	78 3 6	1530	48.0245	-9.9670	3242	3160	11	46958	-170	-39
DISC91	78 3 6	1536	48.0325	-9.9830				46960	-171	-40
DISC91	78 3 6	1542	48.0398	-9.9990	3585	3498	11	46964	-170	-42
DISC91	78 3 6	1548	48.0470	-10.0150	3534	3447	11	46966	-170	-45
DISC91	78 3 6	1554	48.0543	-10.0310	3693	3605	11	46966	-173	-48
DISC91	78 3 6	16 0	48.0617	-10.0472	3262	3180	11	46972	-170	-50
DISC91	78 3 6	16 6	48.0692	-10.0637	3344	3261	11	46978	-167	-54
DISC91	78 3 6	1612	48.0765	-10.0802	3693	3605	11	46982	-166	-57
DISC91	78 3 6	1618	48.0838	-10.0967	3744	3656	11	46992	-159	-58
DISC91	78 3 6	1624	48.0910	-10.1128	3780	3691	11	46992	-162	-60
DISC91	78 3 6	1630	48.0980	-10.1290	3831	3742	11	47004	-153	-59
DISC91	78 3 6	1636	48.1047	-10.1458	3821	3733	11	47020	-139	-60
DISC91	78 3 6	1642	48.1112	-10.1623	3498	3413	11	47024	-138	-59
DISC91	78 3 6	1648	48.1180	-10.1793	3662	3575	11	47034	-131	-60
DISC91	78 3 6	1654	48.1245	-10.1960	3749	3661	11	47040	-128	-60
DISC91	78 3 6	17 0	48.1312	-10.2127	3754	3667	11	47050	-120	-59
DISC91	78 3 6	17 6	48.1383	-10.2300	3754	3667	11	47040	-133	-58
DISC91	78 3 6	1712	48.1457	-10.2475	3780	3691	11	47044	-132	-57
DISC91	78 3 6	1718	48.1530	-10.2650	3708	3621	11	47056	-123	-53
DISC91	78 3 6	1724	48.1602	-10.2818	3611	3524	11	47048	-134	-46
DISC91	78 3 6	1730	48.1672	-10.2980	3601	3513	11	47054	-131	-42
DISC91	78 3 6	1736	48.1742	-10.3142	3283	3200	11	47060	-128	-36
DISC91	78 3 6	1742	48.1812	-10.3303	3129	3049	11	47068	-123	-31
DISC91	78 3 6	1748	48.1882	-10.3467	2995	2917	11	47076	-118	-25
DISC91	78 3 6	1754	48.1952	-10.3630	2667	2597	11	47082	-114	-19
DISC91	78 3 6	18 0	48.2022	-10.3792	2554	2485	11	47086	-113	-14
DISC91	78 3 6	18 6	48.2093	-10.3953	2539	2471	11	47090	-112	-8
DISC91	78 3 6	1812	48.2163	-10.4117	2565	2496	11	47096	-109	-3
DISC91	78 3 6	1818	48.2233	-10.4282	2554	2485	11	47104	-104	1
DISC91	78 3 6	1824	48.2305	-10.4443	2683	2612	11	47106	-105	2
DISC91	78 3 6	1830	48.2375	-10.4607	2647	2577	11	47108	-106	6
DISC91	78 3 6	1836	48.2445	-10.4772	2662	2591	11	47116	-100	8
DISC91	78 3 6	1842	48.2517	-10.4935	2565	2496	11	47122	-97	12
DISC91	78 3 6	1848	48.2587	-10.5100	2503	2436	11	47124	-98	15
DISC91	78 3 6	1854	48.2657	-10.5263	2549	2482	11	47130	-95	15
DISC91	78 3 6	19 0	48.2723	-10.5428	2667	2597	11	47136	-92	15
DISC91	78 3 6	19 6	48.2792	-10.5593	2729	2657	11	47138	-93	16
DISC91	78 3 6	1912	48.2857	-10.5762	2513	2445	11	47144	-89	17
DISC91	78 3 6	1918	48.2917	-10.5933	2524	2456	11	47152	-84	17
DISC91	78 3 6	1924	48.2977	-10.6107	2626	2557	11	47156	-82	17
DISC91	78 3 6	1930	48.3035	-10.6277	2021	2747	11	47158	-83	16
DISC91	78 3 6	1936	48.3095	-10.6445	2718	2646	11	47166	-77	13
DISC91	78 3 6	1942	48.3157	-10.6612	2703	2632	11	47170	-76	12
DISC91	78 3 6	1948	48.3217	-10.6775	2718	2646	11	47174	-75	11
DISC91	78 3 6	1954	48.3280	-10.6938	2765	2692	11	47170	-81	9

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	65 78 3 6	20 0	48.3343	-10.7105	2811	2736	11	47178	-76	6
DISC91	78 3 6	20 6	48.3408	-10.7275	2872	2796	11	47178	-78	4
DISC91	78 3 6	2012	48.3475	-10.7448	2918	2842	11	47174	-85	2
DISC91	78 3 6	2018	48.3540	-10.7622	3021	2943	11	47176	-86	-1
DISC91	78 3 6	2024	48.3605	-10.7792	3077	2999	11	47176	-89	-4
DISC91	78 3 6	2030	48.3670	-10.7962	3159	3080	11	47172	-95	-5
DISC91	78 3 6	2036	48.3732	-10.8133	3431	3347	11			-6
DISC91	78 3 6	2042	48.3792	-10.8302	3159	3080	11	47176	-96	-5
DISC91	78 3 6	2048	48.3850	-10.8473	2970	2893	11	47178	-97	-4
DISC91	78 3 6	2054	48.3903	-10.8645	2985	2908	11	47172	-105	-4
DISC91	78 3 6	21 0	48.3958	-10.8818	3026	2948	11	47176	-104	-4
DISC91	78 3 6	21 6	48.4027	-10.9000	3062	2983	11	47172	-111	-4
DISC91	78 3 6	2112	48.4082	-10.9173	3057	2977	11	47172	-113	-3
DISC91	78 3 6	2118	48.4135	-10.9350	3077	2999	11	47174	-113	-3
DISC91	78 3 6	2124	48.4188	-10.9520	3072	2994	11	47170	-120	-2
DISC91	78 3 6	2130	48.4243	-10.9692	3139	3060	11	47172	-120	-2
DISC91	78 3 6	2136	48.4297	-10.9865				47172	-122	-1
DISC91	78 3 6	2142	48.4360	-11.0042	3221	3136	10	47176	-121	-2
DISC91	78 3 6	2148	48.4423	-11.0218	2944	2864	10	47176	-124	-2
DISC91	78 3 6	2154	48.4470	-11.0395	2898	2820	10	47176	-126	0
DISC91	78 3 6	22 0	48.4455	-11.0573	2821	2745	10	47176	-126	7
DISC91	78 3 6	22 6	48.4388	-11.0718	2688	2613	10	47170	-131	12
DISC91	78 3 6	2212	48.4293	-11.0833	2585	2513	10	47170	-128	16
DISC91	78 3 6	2218	48.4202	-11.0948				47166	-130	21
DISC91	78 3 6	2224	48.4115	-11.1065	2344	2279	10	47164	-129	25
DISC91	78 3 6	2230	48.4027	-11.1182	2277	2213	10	47158	-133	29
DISC91	78 3 6	2236	48.3940	-11.1298	2195	2134	10	47156	-133	32
DISC91	78 3 6	2242	48.3855	-11.1413	2195	2134	10	47158	-128	35
DISC91	78 3 6	2248	48.3767	-11.1530	2262	2198	10	47158	-126	34
DISC91	78 3 6	2254	48.3678	-11.1650	2359	2293	10	47160	-122	30
DISC91	78 3 6	53 0	48.3587	-11.1772	2565	2493	10	47154	-125	24
DISC91	78 3 6	53 6	48.3498	-11.1888	3001	2921	10	47150	-127	16
DISC91	78 3 6	5312	48.3412	-11.2007	3088	3007	10	47152	-123	9
DISC91	78 3 6	5318	48.3325	-11.2123	3334	3248	10	47146	-126	4
DISC91	78 3 6	5324	48.3237	-11.2237	3305	3297	10	47148	-122	-3
DISC91	78 3 6	5330	48.3150	-11.2350	3503	3414	10	47150	-118	-7
DISC91	78 3 6	5336	48.3062	-11.2465	3503	3414	10	47148	-117	-13
DISC91	78 3 6	5342	48.2977	-11.2575	3636	3546	10	47146	-117	-18
DISC91	78 3 6	5348	48.2890	-11.2690	3642	3552	10	47148	-113	-20
DISC91	78 3 6	2354	48.2802	-11.2805	3718	3627	10	47144	-114	-22
DISC91	66 78 3 7	0 0	48.2718	-11.2913				47138	-118	-26
DISC91	78 3 7	0 6	48.2627	-11.3038	4062	3968	10	47132	-122	-27
DISC91	78 3 7	012	48.2535	-11.3160	4083	3989	10	47136	-115	-27
DISC91	78 3 7	018	48.2447	-11.3282	4067	3974	10	47126	-123	-28
DISC91	78 3 7	024	48.2355	-11.3402	4036	3943	10	47116	-130	-29
DISC91	78 3 7	030	48.2263	-11.3520	4013	3919	10	47122	-122	-29
DISC91	78 3 7	036	48.2170	-11.3642	4020	3926	10	47114	-127	-28
DISC91	78 3 7	042	48.2078	-11.3762	4035	3941	10	47104	-135	-28
DISC91	78 3 7	048	48.1985	-11.3882	4041	3947	10	47102	-134	-28
DISC91	78 3 7	054	48.1893	-11.3998	4044	3950	10	47098	-136	-28
DISC91	78 3 7	1 0	48.1802	-11.4118	4049	3956	10	47092	-139	-27
DISC91	78 3 7	1 6	48.1708	-11.4238	4062	3968	10	47084	-145	-27
DISC91	78 3 7	112	48.1615	-11.4358	4083	3989	10	47080	-146	-26
DISC91	78 3 7	118	48.1525	-11.4477	4067	3974	10	47072	-152	-26
DISC91	78 3 7	124	48.1433	-11.4595	4036	3943	10	47068	-154	-25
DISC91	78 3 7	130	48.1342	-11.4713	4044	3950	10	47056	-163	-23
DISC91	78 3 7	136	48.1248	-11.4832	4062	3968	10	47054	-163	-23
DISC91	78 3 7	142	48.1155	-11.4952	4067	3974	10	47046	-168	-22
DISC91	78 3 7	148	48.1067	-11.5068	3987	3894	10	47042	-170	-22
DISC91	78 3 7	154	48.0975	-11.5188	3972	3879	10	47038	-171	-20
DISC91	78 3 7	2 0	48.0882	-11.5310	3893	3800	10	47038	-169	-18
DISC91	78 3 7	2 6	48.0790	-11.5430	3929	3835	10	47034	-170	-16
DISC91	78 3 7	212	48.0698	-11.5550	3954	3840	10	47030	-172	-13
DISC91	78 3 7	218	48.0608	-11.5667	3832	3740	10	47026	-173	-11
DISC91	78 3 7	224	48.0513	-11.5790	3775	3683	10	47022	-175	-6
DISC91	78 3 7	230	48.0417	-11.5915	3734	3643	10			
DISC91	78 3 7	236	48.0327	-11.6027	3580	3491	10	47020	-172	1
DISC91	78 3 7	242	48.0232	-11.6160	3436	3349	10	47022	-167	5
DISC91	78 3 7	248	48.0137	-11.6295	3011	2930	10	47022	-165	10
DISC91	78 3 7	254	48.0040	-11.6427	2924	2844	10	47024	-160	13
DISC91	78 3 7	3 0	47.9938	-11.6552	3529	3444	11	47020	-161	12
DISC91	78 3 7	3 6	47.9837	-11.6677	3524	3438	11	47020	-158	10
DISC91	78 3 7	312	47.9735	-11.6803	3585	3498	11	47026	-149	9
DISC91	78 3 7	318	47.9632	-11.6932	3180	3100	11	47026	-146	9
DISC91	78 3 7	324	47.9528	-11.7058	3421	3336	11	47028	-141	8
DISC91	78 3 7	330	47.9430	-11.7183	3603	3515	11	47032	-134	
DISC91	78 3 7	336	47.9333	-11.7307	3657	3570	11	47030	-134	4
DISC91	78 3 7	342	47.9233	-11.7432	3739	3650	11	47032	-129	2
DISC91	78 3 7	348	47.9132	-11.7558	3775	3687	11	47042	-116	1
DISC91	78 3 7	354	47.9032	-11.7683	3786	3698	11	47046	-109	-1
DISC91	78 3 7	4 0	47.8935	-11.7807	3782	3694	11	47040	-112	-1
DISC91	78 3 7	4 6	47.8840	-11.7932	3785	3696	11	47038	-112	-0
DISC91	78 3 7	412	47.8742	-11.8058	3795	3707	11	47036	-111	-1
DISC91	78 3 7	418	47.8642	-11.8187	3795	3707	11	47034	-110	-1
DISC91	78 3 7	424	47.8543	-11.8317	3795	3707	11	47034	-107	1
DISC91	78 3 7	430	47.8447	-11.8442	3795	3707	11	47028	-111	1
DISC91	78 3 7	436	47.8352	-11.8563	3790	3701	11	47026	-110	2
DISC91	78 3 7	442	47.8252	-11.8685	3785	3696	11	47012	-121	4
DISC91	78 3 7	448	47.8153	-11.8807	3765	3676	11	47006	-124	5
DISC91	78 3 7	454	47.8055	-11.8928	3754	3667	11	46992	-135	6
DISC91	78 3 7	5 0	47.7958	-11.9048	3729	3641	11	46986	-139	7
DISC91	78 3 7	5 6	47.7858	-11.9172	3700	3612	11	46980	-142	8
DISC91	78 3 7	512	47.7760	-11.9293	3683	3595	11	46970	-149	8

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 3 7	518	47.7660	-11.9417	3704	3616	11	46966	-150	7
DISC91	78 3 7	524	47.7562	-11.9537	3644	3557	11	46960	-153	5
DISC91	78 3 7	530	47.7460	-11.9657	4067	3976	11	46952	-158	1
DISC91	78 3 7	536	47.7362	-11.9775	4257	4166	11	46948	-159	-2
DISC91	78 3 7	542	47.7265	-11.9890	4489	4396	11	46944	-161	-4
DISC91	78 3 7	548	47.7165	-12.0010	4569	4473	10	46946	-156	-6
DISC91	78 3 7	554	47.7067	-12.0128	4580	4484	10	46946	-153	-10
DISC91	78 3 7	6 0	47.6965	-12.0248	4606	4510	10	46946	-151	-11
DISC91	78 3 7	6 6	47.6863	-12.0367	4623	4528	10	46938	-156	-11
DISC91	78 3 7	612	47.6768	-12.0482	4647	4552	10	46934	-157	-10
DISC91	78 3 7	618	47.6668	-12.0598	4657	4561	10			-9
DISC91	78 3 7	624	47.6570	-12.0713	4662	4567	10			-7
DISC91	78 3 7	630	47.6477	-12.0828	4670	4576	10			-5
DISC91	78 3 7	636	47.6377	-12.0945	4676	4581	10	46910	-170	-4
DISC91	78 3 7	642	47.6277	-12.1058	4679	4585	10	46908	-169	-3
DISC91	78 3 7	648	47.6175	-12.1173	4688	4592	10	46904	-170	-1
DISC91	78 3 7	654	47.6075	-12.1277	4703	4607	10	46906	-165	0
DISC91	78 3 7	7 0	47.5978	-12.1373	4705	4610	10	46902	-166	2
DISC91	78 3 7	7 6	47.5880	-12.1470	4713	4618	10	46902	-164	4
DISC91	78 3 7	712	47.5783	-12.1568	4718	4623	10	46896	-167	4
DISC91	78 3 7	718	47.5687	-12.1667	4724	4629	10	46884	-176	
DISC91	78 3 7	724	47.5590	-12.1765	4726	4631	10	46868	-189	
DISC91	78 3 7	730	47.5493	-12.1862	4731	4636	10	46860	-194	
DISC91	78 3 7	736	47.5400	-12.1955	4739	4643	10	46846	-206	
DISC91	78 3 7	742	47.5305	-12.2052	4730	4634	10	46832	-217	8
DISC91	78 3 7	748	47.5212	-12.2147	4718	4623	10	46824	-222	9
DISC91	78 3 7	754	47.5118	-12.2240	4681	4585	10			10
DISC91	78 3 7	8 0	47.5015	-12.2335	4718	4623	10			
DISC91	78 3 7	8 6	47.4912	-12.2430	4735	4640	10			
DISC91	78 3 7	812	47.4812	-12.2527	4754	4660	10	46814	-220	10
DISC91	78 3 7	818	47.4713	-12.2622	4759	4663	10	46820	-211	10
DISC91	78 3 7	824	47.4618	-12.2715	4761	4665	10	46824	-205	9
DISC91	78 3 7	830	47.4518	-12.2813	4763	4667	10	46826	-200	9
DISC91	78 3 7	836	47.4422	-12.2922	4767	4671	10	46828	-195	9
DISC91	78 3 7	842	47.4332	-12.3037	4770	4674	10	46830	-190	9
DISC91	78 3 7	848	47.4245	-12.3150	4770	4674	10	46822	-196	8
DISC91	78 3 7	854	47.4155	-12.3267	4772	4676	10			8
DISC91	78 3 7	9 0	47.4067	-12.3383	4773	4678	10	46820	-193	8
DISC91	78 3 7	9 6	47.3975	-12.3507	4772	4676	10	46814	-197	8
DISC91	78 3 7	912	47.3888	-12.3625	4768	4673	10	46802	-206	6
DISC91	78 3 7	918	47.3805	-12.3755	4775	4680	10			4
DISC91	78 3 7	924	47.3718	-12.3885	4781	4689	11			4
DISC91	78 3 7	930	47.3630	-12.4017	4786	4691	10	46776	-225	3
DISC91	78 3 7	936	47.3540	-12.4148	4791	4698	11	46770	-229	5
DISC91	78 3 7	942	47.3457	-12.4267	4796	4704	11	46768	-229	5
DISC91	78 3 7	948	47.3368	-12.4380	4796	4704	11	46772	-222	5
DISC91	78 3 7	954	47.3280	-12.4495	4797	4706	11	46776	-216	5
DISC91	78 3 7	10 0	47.3190	-12.4613	4796	4704	11	46774	-215	5
DISC91	78 3 7	10 6	47.3100	-12.4730	4796	4704	11	46774	-213	4
DISC91	78 3 7	1012	47.3012	-12.4847	4799	4707	11	46774	-210	4
DISC91	78 3 7	1018	47.2922	-12.4972	4790	4698	11			2
DISC91	78 3 7	1024	47.2837	-12.5093	4787	4695	11	46794	-185	4
DISC91	78 3 7	1030	47.2750	-12.5208	4785	4693	11	46812	-165	5
DISC91	78 3 7	1036	47.2663	-12.5320	4781	4689	11	46838	-137	5
DISC91	78 3 7	1042	47.2573	-12.5437	4779	4687	11	46858	-114	6
DISC91	78 3 7	1048	47.2485	-12.5547	4775	4684	11	46882	-88	6
DISC91	78 3 7	1054	47.2393	-12.5663	4778	4685	11	46908	-59	7
DISC91	78 3 7	11 0	47.2302	-12.5780	4780	4687	11	46924	-40	6
DISC91	78 3 7	11 6	47.2212	-12.5903	4785	4693	11	46936	-26	6
DISC91	78 3 7	1112	47.2125	-12.6023	4789	4696	11	46932	-28	8
DISC91	78 3 7	1118	47.2025	-12.6122	4781	4689	11	46928	-29	9
DISC91	78 3 7	1124	47.1922	-12.6210	4765	4673	11	46922	-32	9
DISC91	78 3 7	1130	47.1817	-12.6298	4746	4654	11	46916	-34	11
DISC91	78 3 7	1136	47.1710	-12.6388	4739	4647	11	46902	-45	12
DISC91	78 3 7	1142	47.1603	-12.6477	4736	4643	11	46888	-56	13
DISC91	78 3 7	1148	47.1497	-12.6565	4729	4636	11	46874	-67	13
DISC91	78 3 7	1154	47.1395	-12.6648	4713	4621	11	46866	-72	14
DISC91	78 3 7	12 0	47.1290	-12.6727	4688	4596	11			17
DISC91	78 3 7	12 6	47.1182	-12.6802	4672	4579	11	46856	-75	18
DISC91	78 3 7	1212	47.1068	-12.6875	4713	4621	11	46836	-92	18
DISC91	78 3 7	1218	47.0958	-12.6950	4744	4652	11	46812	-113	17
DISC91	78 3 7	1224	47.0852	-12.7023	4759	4667	11	46788	-133	18
DISC91	78 3 7	1230	47.0742	-12.7097	4762	4669	11	46766	-152	19
DISC91	78 3 7	1236	47.0637	-12.7167	4765	4673	11	46748	-167	19
DISC91	78 3 7	1242	47.0530	-12.7235	4764	4671	11	46732	-179	18
DISC91	78 3 7	1248	47.0448	-12.7295	4762	4669	11	46726	-183	16
DISC91	78 3 7	1254	47.0370	-12.7360	4759	4667	11	46718	-189	18
DISC91	78 3 7	13 0	47.0295	-12.7427	4759	4667	11	46714	-190	19
DISC91	78 3 7	13 6	47.0230	-12.7485	4759	4667	11	46720	-182	18
DISC91	78 3 7	1312	47.0182	-12.7533	4756	4663	11	46720	-181	19
DISC91	78 3 7	1318	47.0132	-12.7585	4749	4656	11	46728	-172	19
DISC91	78 3 7	1324	47.0077	-12.7637	4736	4643	11	46740	-158	19
DISC91	78 3 7	1330	47.0000	-12.7705	4727	4634	11	46758	-138	22
DISC91	78 3 7	1336	46.9925	-12.7772	4708	4616	11	46784	-109	22
DISC91	78 3 7	1342	46.9848	-12.7840	4672	4579	11	46810	-80	22
DISC91	78 3 7	1348	46.9752	-12.7922	4636	4545	11	46838	-49	23
DISC91	78 3 7	1354	46.9643	-12.8017	4636	4545	11	46850	-34	25
DISC91	78 3 7	14 0	46.9540	-12.8105	4611	4519	11	46838	-43	25
DISC91	78 3 7	14 6	46.9430	-12.8200	4582	4490	11	46808	-69	25
DISC91	78 3 7	1412	46.9328	-12.8328	4549	4457	11	46776	-98	26
DISC91	78 3 7	1418	46.9235	-12.8465	4519	4428	11	46746	-126	27
DISC91	78 3 7	1424	46.9143	-12.8598	4487	4395	11	46720	-149	29
DISC91	78 3 7	1430	46.9050	-12.8733	4454	4362	11	46694	-172	30

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	66	78 3 7	1436	46.8957	-13.8867	4436	4343	11	46682	-182	32
DISC91		78 3 7	1442	46.8868	-13.8992	4442	4349	11	46688	-173	33
DISC91		78 3 7	1448	46.8778	-13.9117	4467	4374	11	46708	-151	33
DISC91		78 3 7	1454	46.8692	-13.9242	4498	4406	11	46736	-120	33
DISC91		78 3 7	1500	46.8600	-13.9370	4516	4424	11	46756	-97	34
DISC91		78 3 7	1506	46.8508	-13.9492	4527	4435	11	46762	-89	33
DISC91		78 3 7	1512	46.8418	-13.9615	4534	4442	11	46758	-90	33
DISC91		78 3 7	1518	46.8323	-13.9738	4534	4442	11	46748	-97	33
DISC91		78 3 7	1524	46.8230	-13.9863	4534	4442	11	46738	-105	33
DISC91		78 3 7	1530	46.8135	-13.9988	4531	4438	11	46724	-116	33
DISC91		78 3 7	1536	46.8042	-14.0112	4534	4442	11	46710	-128	33
DISC91		78 3 7	1542	46.7947	-14.0235	4517	4426	11	46698	-137	33
DISC91		78 3 7	1548	46.7850	-14.0363	4493	4400	11	46698	-134	33
DISC91		78 3 7	1554	46.7755	-14.0487	4477	4385	11	46710	-120	33
DISC91		78 3 7	16 0	46.7658	-14.0613	4488	4395	11	46726	-101	33
DISC91		78 3 7	16 6	46.7562	-14.0738	4493	4400	11	46740	-84	34
DISC91		78 3 7	1612	46.7468	-14.0858	4524	4431	11	46752	-69	33
DISC91		78 3 7	1618	46.7377	-14.0980	4534	4442	11	46766	-53	33
DISC91		78 3 7	1624	46.7280	-14.1107	4549	4457	11	46784	-32	34
DISC91		78 3 7	1630	46.7185	-14.1225	4559	4468	11	46800	-13	33
DISC91		78 3 7	1636	46.7093	-14.1339	4575	4482	11	46808	-3	33
DISC91		78 3 7	1642	46.6998	-14.1477	4580	4488	11	46804	-4	32
DISC91		78 3 7	1648	46.6905	-14.1600	4585	4493	11	46786	-19	33
DISC91		78 3 7	1654	46.6815	-14.1718	4585	4493	11	46770	-33	32
DISC91		78 3 7	17 0	46.6722	-14.1845	4565	4471	11	46764	-36	32
DISC91		78 3 7	17 6	46.6628	-14.1967	4559	4468	11	46766	-31	32
DISC91		78 3 7	1712	46.6535	-14.2090	4554	4462	11	46770	-25	31
DISC91		78 3 7	1718	46.6440	-14.2213	4590	4497	11	46764	-28	31
DISC91		78 3 7	1724	46.6345	-14.2340	4626	4534	11	46756	-33	30
DISC91		78 3 7	1730	46.6258	-14.2465	4642	4550	11	46750	-37	30
DISC91		78 3 7	1736	46.6170	-14.2590	4636	4545	11	46758	-26	29
DISC91		78 3 7	1742	46.6082	-14.2717	4631	4539	11	46786	3	30
DISC91		78 3 7	1748	46.5992	-14.2845	4626	4534	11	46828	48	31
DISC91		78 3 7	1754	46.5905	-14.2970	4611	4519	11	46870	92	31
DISC91		78 3 7	18 0	46.5818	-14.3090	4570	4477	11	46894	119	31
DISC91		78 3 7	18 6	46.5717	-14.3220	4549	4457	11	46882	110	32
DISC91		78 3 7	1812	46.5618	-14.3348	4534	4442	11	46844	74	32
DISC91		78 3 7	1818	46.5522	-14.3472	4585	4493	11	46806	39	30
DISC91		78 3 7	1824	46.5423	-14.3602	4570	4477	11	46784	20	29
DISC91		78 3 7	1830	46.5320	-14.3728	4570	4477	11	46792	31	27
DISC91		78 3 7	1836	46.5215	-14.3858	4570	4477	11	46822	64	27
DISC91		78 3 7	1842	46.5110	-14.3988	4636	4545	11	46848	93	26
DISC91		78 3 7	1848	46.5008	-14.4115	4662	4570	11	46848	96	24
DISC91		78 3 7	1854	46.4910	-14.4237	4688	4596	11	46828	79	23
DISC91		78 3 7	19 0	46.4808	-14.4360	4688	4596	11	46810	64	22
DISC91		78 3 7	19 6	46.4707	-14.4483	4683	4590	11	46796	53	22
DISC91		78 3 7	1912	46.4605	-14.4603	4662	4570	11	46786	46	19
DISC91		78 3 7	1918	46.4505	-14.4725	4616	4523	11	46770	33	18
DISC91		78 3 7	1924	46.4400	-14.4850	4580	4488	11	46746	12	18
DISC91		78 3 7	1930	46.4298	-14.4973	4559	4468	11	46708	-22	17
DISC91		78 3 7	1936	46.4198	-14.5095	4539	4446	11	46666	-61	17
DISC91		78 3 7	1942	46.4095	-14.5218	4513	4420	11	46618	-105	14
DISC91		78 3 7	1948	46.3997	-14.5338	4483	4391	11	46576	-145	16
DISC91		78 3 7	1954	46.3897	-14.5467	4539	4446	11	46544	-174	17
DISC91		78 3 7	20 0	46.3795	-14.5595	4595	4503	11	46526	-189	15
DISC91		78 3 7	20 6	46.3693	-14.5717	4611	4519	11	46518	-194	15
DISC91		78 3 7	2012	46.3597	-14.5830	4642	4550	11	46514	-196	11
DISC91		78 3 7	2018	46.3498	-14.5950	4672	4579	11	46506	-201	11
DISC91		78 3 7	2024	46.3397	-14.6072	4703	4610	11	46504	-200	9
DISC91		78 3 7	2030	46.3298	-14.6187	4744	4652	11	46506	-195	8
DISC91		78 3 7	2036	46.3198	-14.6305	4775	4684	11	46518	-180	8
DISC91		78 3 7	2042	46.3100	-14.6422	4801	4709	11	46528	-167	6
DISC91		78 3 7	2048	46.3002	-14.6535	4826	4735	11	46544	-148	
DISC91		78 3 7	2054	46.2903	-14.6653	4847	4755	11	46558	-131	6
DISC91		78 3 7	21 0	46.2805	-14.6773	4862	4770	11	46578	-108	5
DISC91		78 3 7	21 6	46.2702	-14.6895	4872	4780	11	46600	-83	5
DISC91		78 3 7	2112	46.2608	-14.7012	4889	4797	11	46616	-65	4
DISC91		78 3 7	2118	46.2508	-14.7132	4872	4780	11	46628	-50	3
DISC91		78 3 7	2124	46.2412	-14.7248	4862	4770	11	46630	-45	3
DISC91		78 3 7	2130	46.2315	-14.7365	4852	4760	11	46622	-50	2
DISC91		78 3 7	2136	46.2215	-14.7485	4821	4729	11	46602	-67	1
DISC91		78 3 7	2142	46.2115	-14.7608	4795	4704	11	46580	-86	1
DISC91		78 3 7	2148	46.2015	-14.7732	4790	4698	11	46546	-117	1
DISC91		78 3 7	2154	46.1915	-14.7850	4811	4718	11	46516	-144	0
DISC91		78 3 7	22 0	46.1818	-14.7968	4903	4812	11	46486	-172	0
DISC91		78 3 7	22 6	46.1722	-14.8085	4903	4812	11	46468	-187	2
DISC91		78 3 7	2212	46.1623	-14.8205	4903	4812	11	46462	-190	2
DISC91		78 3 7	2218	46.1522	-14.8327	4903	4812	11	46462	-187	3
DISC91		78 3 7	2224	46.1422	-14.8448	4908	4817	11	46466	-180	4
DISC91		78 3 7	2230	46.1320	-14.8572	4908	4817	11	46480	-163	5
DISC91		78 3 7	2236	46.1220	-14.8692				46496	-144	5
DISC91		78 3 7	2242	46.1122	-14.8810	4908	4817	11	46520	-117	4
DISC91		78 3 7	2248	46.1022	-14.8930	4908	4817	11	46544	-90	4
DISC91		78 3 7	2254	46.0920	-14.9050	4908	4817	11	46560	-71	4
DISC91		78 3 7	23 0	46.0818	-14.9173	4908	4817	11	46572	-56	3
DISC91		78 3 7	23 6	46.0717	-14.9295	4908	4817	11	46574	-51	2
DISC91		78 3 7	2312	46.0617	-14.9418	4903	4812	11	46574	-49	1
DISC91		78 3 7	2318	46.0515	-14.9543	4903	4812	11	46570	-50	0
DISC91		78 3 7	2324	46.0415	-14.9662	4893	4801	11	46562	-55	0
DISC91		78 3 7	2330	46.0315	-14.9783	4770	4678	11	46552	-62	1
DISC91		78 3 7	2336	46.0212	-14.9907	4657	4565	11	46544	-67	3
DISC91		78 3 7	2342	46.0110	-14.0027	4657	4565	11	46538	-69	2
DISC91		78 3 7	2348	46.0007	-14.0152	4698	4605	11	46530	-74	4

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 3 7	2354	45.9907	-14.0272	4773	4680	11	46518	-84	3
DISC91	67	78 3 8	0 0	45.9807	-14.0392	4806	4713	11	46506	-93	3
DISC91		78 3 8	0 6	45.9707	-14.0513	4821	4729	11	46488	-108	2
DISC91		78 3 8	012	45.9607	-14.0637	4836	4744	11	46474	-119	1
DISC91		78 3 8	018	45.9503	-14.0762	4842	4749	11	46454	-136	0
DISC91		78 3 8	024	45.9403	-14.0882	4877	4786	11	46432	-155	-1
DISC91		78 3 8	030	45.9302	-14.1003	4903	4812	11	46410	-174	-1
DISC91		78 3 8	036	45.9200	-14.1125	4908	4817	11	46376	-204	-3
DISC91		78 3 8	042	45.9098	-14.1250	4908	4817	11	46344	-233	-5
DISC91		78 3 8	048	45.8998	-14.1382	4908	4817	11	46314	-260	-5
DISC91		78 3 8	054	45.8898	-14.1520	4908	4817	11	46290	-282	-6
DISC91		78 3 8	1 0	45.8803	-14.1657	4908	4817	11	46270	-299	-6
DISC91		78 3 8	1 6	45.8707	-14.1797	4905	4813	11	46248	-318	-6
DISC91		78 3 8	112	45.8613	-14.1932	4903	4812	11	46238	-325	-6
DISC91		78 3 8	118	45.8520	-14.2067	4903	4812	11	46236	-325	-6
DISC91		78 3 8	124	45.8427	-14.2203	4903	4812	11	46238	-320	-8
DISC91		78 3 8	130	45.8333	-14.2345	4905	4813	11	46248	-307	-6
DISC91		78 3 8	136	45.8240	-14.2483	4905	4813	11	46264	-289	-7
DISC91		78 3 8	142	45.8147	-14.2625	4905	4813	11	46280	-270	-6
DISC91		78 3 8	148	45.8053	-14.2763	4905	4813	11	46290	-257	-5
DISC91		78 3 8	154	45.7960	-14.2902	4847	4755	11	46292	-253	-5
DISC91		78 3 8	2 0	45.7863	-14.3047	4893	4801	11	46294	-248	-4
DISC91		78 3 8	2 6	45.7767	-14.3192	4888	4795	11	46300	-239	-3
DISC91		78 3 8	212	45.7672	-14.3333	4836	4744	11	46308	-228	-2
DISC91		78 3 8	218	45.7580	-14.3468	4734	4641	11	46308	-226	-1
DISC91		78 3 8	224	45.7487	-14.3608	4621	4528	11	46300	-231	1
DISC91		78 3 8	230	45.7393	-14.3745	4657	4565	11	46286	-242	1
DISC91		78 3 8	236	45.7298	-14.3888	4652	4559	11	46272	-254	4
DISC91		78 3 8	242	45.7207	-14.4023	4611	4519	11	46270	-253	3
DISC91		78 3 8	248	45.7115	-14.4162	4570	4477	11	46270	-250	6
DISC91		78 3 8	254	45.7022	-14.4302	4524	4431	11	46278	-240	6
DISC91		78 3 8	3 0	45.6930	-14.4438	4539	4446	11	46286	-229	4
DISC91		78 3 8	3 6	45.6838	-14.4577	4601	4508	11	46292	-220	5
DISC91		78 3 8	312	45.6743	-14.4718	4662	4570	11	46290	-220	3
DISC91		78 3 8	318	45.6647	-14.4863	4575	4482	11	46282	-225	3
DISC91		78 3 8	324	45.6552	-14.5007	4590	4497	11	46270	-234	3
DISC91		78 3 8	330	45.6457	-14.5148	4541	4449	11	46266	-235	3
DISC91		78 3 8	336	45.6363	-14.5290	4526	4433	11	46270	-229	3
DISC91		78 3 8	342	45.6270	-14.5428	4529	4437	11	46284	-212	1
DISC91		78 3 8	348	45.6173	-14.5570	4611	4519	11	46308	-185	-0
DISC91		78 3 8	354	45.6082	-14.5708	4683	4590	11	46336	-155	0
DISC91		78 3 8	4 0	45.5988	-14.5848	4657	4565	11	46378	-110	-0
DISC91		78 3 8	4 6	45.5893	-14.5985	4631	4539	11	46422	-63	-2
DISC91		78 3 8	412	45.5795	-14.6118	4664	4572	11	46468	-14	-3
DISC91		78 3 8	418	45.5693	-14.6257	4765	4673	11	46498	18	-4
DISC91		78 3 8	424	45.5593	-14.6393	4913	4821	11	46510	33	-4
DISC91		78 3 8	430	45.5497	-14.6528	4884	4791	11	46508	33	-4
DISC91		78 3 8	436	45.5398	-14.6663	4816	4724	11	46500	28	-5
DISC91		78 3 8	442	45.5302	-14.6798	4708	4616	11	46492	23	-3
DISC91		78 3 8	448	45.5205	-14.6933	4693	4601	11	46492	26	-4
DISC91		78 3 8	454	45.5108	-14.7067	4698	4605	11	46504	41	-3
DISC91		78 3 8	5 0	45.5013	-14.7198	4662	4570	11	46526	66	-3
DISC91		78 3 8	5 6	45.4918	-14.7330	4662	4570	11	46560	102	-1
DISC91		78 3 8	512	45.4822	-14.7463	4642	4550	11	46598	143	-1
DISC91		78 3 8	518	45.4725	-14.7603	4590	4497	11	46634	182	-2
DISC91		78 3 8	524	45.4627	-14.7753	4631	4539	11	46662	213	-2
DISC91		78 3 8	530	45.4528	-14.7900	4625	4534	11	46672	226	-0
DISC91		78 3 8	536	45.4433	-14.8040	4604	4512	11	46662	218	-0
DISC91		78 3 8	542	45.4333	-14.8185	4544	4451	11	46636	195	1
DISC91		78 3 8	548	45.4233	-14.8330	4529	4440	12	46600	162	1
DISC91		78 3 8	554	45.4135	-14.8473	4642	4550	11	46566	131	-2
DISC91		78 3 8	6 0	45.4037	-14.8615	4795	4709	12	46540	108	-2
DISC91		78 3 8	6 6	45.3938	-14.8750	4910	4824	12	46516	87	-3
DISC91		78 3 8	612	45.3838	-14.8883	4911	4824	12	46500	74	-3
DISC91		78 3 8	618	45.3738	-14.9017	4913	4828	12	46484	61	-6
DISC91		78 3 8	624	45.3638	-14.9148	4913	4828	12	46468	48	-8
DISC91		78 3 8	630	45.3540	-14.9280	4913	4828	12	46446	28	-7
DISC91		78 3 8	636	45.3442	-14.9413	4914	4828	12	46426	11	-7
DISC91		78 3 8	642	45.3345	-14.9543	4914	4828	12	46408	-3	-8
DISC91		78 3 8	648	45.3245	-14.9677	4914	4828	12	46394	-14	-6
DISC91		78 3 8	654	45.3145	-14.9810	4914	4828	12	46382	-23	-4
DISC91		78 3 8	7 0	45.3045	-14.9943	4913	4828	12	46382	-20	-1
DISC91		78 3 8	7 6	45.2945	-15.0078	4913	4821	11	46384	-15	4
DISC91		78 3 8	712	45.2845	-15.0215	4913	4828	12	46384	-12	9
DISC91		78 3 8	718	45.2745	-15.0348	4898	4812	12	46380	-13	16
DISC91		78 3 8	724	45.2645	-15.0483	4729	4641	12	46370	-20	23
DISC91		78 3 8	730	45.2545	-15.0618	4623	4535	12	46356	-31	30
DISC91		78 3 8	736	45.2443	-15.0755	4488	4400	12	46340	-44	39
DISC91		78 3 8	742	45.2343	-15.0888	4226	4139	12	46328	-53	47
DISC91		78 3 8	748	45.2245	-15.1020	3954	3868	12	46316	-63	54
DISC91		78 3 8	754	45.2145	-15.1155	3833	3749	12	46296	-80	61
DISC91		78 3 8	8 0	45.2047	-15.1288	3657	3573	12	46268	-105	68
DISC91		78 3 8	8 6	45.1950	-15.1418	3619	3537	12	46244	-126	74
DISC91		78 3 8	812	45.1853	-15.1548	3575	3493	12	46220	-147	82
DISC91		78 3 8	818	45.1755	-15.1682	3476	3396	12	46200	-164	90
DISC91		78 3 8	824	45.1657	-15.1812	3303	3226	12	46182	-180	96
DISC91		78 3 8	830	45.1560	-15.1942	3178	3102	12	46162	-197	102
DISC91		78 3 8	836	45.1462	-15.2075	2970	2899	12	46142	-214	108
DISC91		78 3 8	842	45.1363	-15.2207	2941	2869	12	46126	-227	108
DISC91		78 3 8	848	45.1263	-15.2340	3105	3030	12	46104	-246	109
DISC91		78 3 8	854	45.1167	-15.2470	3290	3213	12	46080	-267	104
DISC91		78 3 8	9 0	45.1067	-15.2602	3483	3402	12	46052	-293	100
DISC91		78 3 8	9 6	45.0968	-15.2735	3502	3422	12	46020	-322	98

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	67	78 3 8	912	45.0868	-15.2868	3685	3601	12	45996	-343	95
DISC91		78 3 8	918	45.0772	-15.2998	3707	3625	12	45978	-358	94
DISC91		78 3 8	924	45.0673	-15.3130	3700	3617	12	45962	-371	96
DISC91		78 3 8	930	45.0575	-15.3260	3633	3552	12	45946	-384	97
DISC91		78 3 8	936	45.0480	-15.3388	3537	3456	12	45932	-396	
DISC91		78 3 8	942	45.0380	-15.3530	3175	3100	12			
DISC91		78 3 8	948	45.0280	-15.3670	3053	2979	12			
DISC91		78 3 8	954	45.0193	-15.3793	3010	2937	12	46044	-275	115
DISC91		78 3 8	10 0	45.0093	-15.3925	3002	2930	12	46104	-213	117
DISC91		78 3 8	10 6	44.9992	-15.4058	3005	2932	12	46146	-168	117
DISC91		78 3 8	1012	44.9893	-15.4190	3045	2972	12	46154	-157	116
DISC91		78 3 8	1018	44.9795	-15.4317	3047	2974	12	46138	-170	113
DISC91		78 3 8	1024	44.9693	-15.4443	3164	3089	12	46114	-191	110
DISC91		78 3 8	1030	44.9593	-15.4573	3205	3129	12	46100	-202	107
DISC91		78 3 8	1036	44.9490	-15.4705	3236	3160	12	46102	-196	106
DISC91		78 3 8	1042	44.9393	-15.4832	3247	3169	12	46098	-197	102
DISC91		78 3 8	1048	44.9293	-15.4960	3251	3175	12	46088	-204	100
DISC91		78 3 8	1054	44.9190	-15.5090	3256	3178	12	46082	-207	97
DISC91		78 3 8	11 0	44.9088	-15.5220	3252	3175	12	46088	-198	95
DISC91		78 3 8	11 6	44.8988	-15.5348				46112	-171	92
DISC91		78 3 8	1112	44.8887	-15.5478	3262	3186	12	46146	-134	86
DISC91		78 3 8	1118	44.8785	-15.5608	3375	3295	12	46170	-107	80
DISC91		78 3 8	1124	44.8682	-15.5737	3559	3478	12	46186	-88	76
DISC91		78 3 8	1130	44.8580	-15.5862	3616	3533	12	46186	-84	69
DISC91		78 3 8	1136	44.8475	-15.5978	3842	3756	12	46180	-87	65
DISC91		78 3 8	1142	44.8363	-15.6078	4206	4118	12	46182	-81	60
DISC91		78 3 8	1148	44.8250	-15.6175	4277	4190	12	46204	-56	57
DISC91		78 3 8	1154	44.8135	-15.6275	4159	4073	12	46236	-20	54
DISC91		78 3 8	12 0	44.8020	-15.6373	4062	3976	12	46272	19	53
DISC91		78 3 8	12 6	44.7907	-15.6470	3980	3894	12	46308	59	52
DISC91		78 3 8	1212	44.7793	-15.6560	4072	3985	12	46346	101	49
DISC91		78 3 8	1218	44.7680	-15.6650	4206	4118	12	46366	124	48
DISC91		78 3 8	1224	44.7563	-15.6742	4447	4358	12	46364	126	46
DISC91		78 3 8	1230	44.7448	-15.6832	4467	4380	12	46330	96	42
DISC91		78 3 8	1236	44.7333	-15.6923	4503	4415	12	46276	46	40
DISC91		78 3 8	1242	44.7220	-15.7013	4525	4437	12	46220	-5	39
DISC91		78 3 8	1248	44.7105	-15.7103	4534	4446	12	46178	-43	36
DISC91		78 3 8	1254	44.6990	-15.7195	4539	4451	12	46160	-58	35
DISC91		78 3 8	13 0	44.6875	-15.7295	4534	4446	12	46172	-42	34
DISC91		78 3 8	13 6	44.6760	-15.7375	4585	4497	12	46202	-8	33
DISC91		78 3 8	1312	44.6645	-15.7467	4616	4528	12	46248	41	31
DISC91		78 3 8	1318	44.6527	-15.7560	4642	4554	12	46286	83	29
DISC91		78 3 8	1324	44.6412	-15.7652	4657	4570	12	46302	103	28
DISC91		78 3 8	1330	44.6297	-15.7742	4652	4565	12	46300	105	26
DISC91		78 3 8	1336	44.6183	-15.7833	4652	4565	12	46278	86	26
DISC91		78 3 8	1342	44.6067	-15.7925	4672	4585	12	46238	50	26
DISC91		78 3 8	1348	44.5952	-15.8015	4693	4605	12	46184	0	26
DISC91		78 3 8	1354	44.5835	-15.8105	4713	4627	12	46122	-57	26
DISC91		78 3 8	14 0	44.5718	-15.8193	4713	4627	12	46070	-105	27
DISC91		78 3 8	14 6	44.5600	-15.8280	4688	4599	12	46040	-131	28
DISC91		78 3 8	1412	44.5483	-15.8368	4616	4528	12	46030	-137	28
DISC91		78 3 8	1418	44.5367	-15.8457	4585	4497	12	46044	-119	29
DISC91		78 3 8	1424	44.5250	-15.8543	4411	4323	12	46076	-83	29
DISC91		78 3 8	1430	44.5133	-15.8632	4436	4349	12	46112	-43	28
DISC91		78 3 8	1436	44.5020	-15.8718	4436	4349	12	46142	-9	27
DISC91		78 3 8	1442	44.4905	-15.8803	4488	4400	12	46188	40	25
DISC91		78 3 8	1448	44.4788	-15.8892	4493	4406	12	46176	31	23
DISC91		78 3 8	1454	44.4672	-15.8980	4539	4451	12	46154	13	21
DISC91		78 3 8	15 0	44.4553	-15.9067	4580	4492	12	46128	-8	19
DISC91		78 3 8	15 6	44.4437	-15.9155	4590	4503	12	46112	-20	17
DISC91		78 3 8	1512	44.4322	-15.9242	4585	4497	12	46114	-14	15
DISC91		78 3 8	1518	44.4203	-15.9328	4575	4488	12	46120	-4	13
DISC91		78 3 8	1524	44.4085	-15.9417	4532	4444	12	46124	3	11
DISC91		78 3 8	1530	44.3965	-15.9503				46146	29	9
DISC91		78 3 8	1536	44.3845	-15.9592	4477	4389	12	46162	49	8
DISC91		78 3 8	1542	44.3723	-15.9682	4590	4503	12	46178	69	6
DISC91		78 3 8	1548	44.3603	-15.9765	4754	4667	12	46188	84	4
DISC91		78 3 8	1554	44.3482	-15.9848	4801	4713	12	46190	90	2
DISC91		78 3 8	16 0	44.3360	-15.9930	4826	4740	12	46190	94	1
DISC91		78 3 8	16 6	44.3238	-16.0012	4847	4760	12	46188	96	1
DISC91		78 3 8	1612	44.3118	-16.0093	4836	4749	12	46194	106	1
DISC91		78 3 8	1618	44.2997	-16.0177	4836	4749	12	46212	129	2
DISC91		78 3 8	1624	44.2875	-16.0262	4821	4735	12	46228	149	4
DISC91		78 3 8	1630	44.2752	-16.0347	4831	4744	12	46242	167	2
DISC91		78 3 8	1636	44.2630	-16.0428	4816	4729	12	46250	179	3
DISC91		78 3 8	1642	44.2510	-16.0510	4847	4760	12	46256	189	2
DISC91		78 3 8	1648	44.2392	-16.0590	4847	4760	12	46260	197	1
DISC91		78 3 8	1654	44.2272	-16.0672	4842	4755	12	46250	191	1
DISC91		78 3 8	17 0	44.2153	-16.0752	4847	4760	12	46234	179	1
DISC91		78 3 8	17 6	44.2037	-16.0830	4842	4755	12	46214	163	1
DISC91		78 3 8	1712	44.1915	-16.0910	4847	4760	12	46186	139	3
DISC91		78 3 8	1718	44.1793	-16.0992	4811	4724	12	46150	107	3
DISC91		78 3 8	1724	44.1672	-16.1073	4765	4678	12	46114	76	4
DISC91		78 3 8	1730	44.1548	-16.1158	4698	4610	12	46088	54	6
DISC91		78 3 8	1736	44.1430	-16.1237	4524	4437	12	46078	48	10
DISC91		78 3 8	1742	44.1312	-16.1317	4462	4374	12	46080	54	12
DISC91		78 3 8	1748	44.1193	-16.1397	4385	4298	12	46082	60	15
DISC91		78 3 8	1754	44.1075	-16.1477	4329	4241	12	46072	54	18
DISC91		78 3 8	18 0	44.0957	-16.1555	4221	4133	12	46052	38	19
DISC91		78 3 8	18 6	44.0837	-16.1635	4206	4118	12	46046	36	22
DISC91		78 3 8	1812	44.0718	-16.1713	4042	3956	12	46046	40	24
DISC91		78 3 8	1818	44.0600	-16.1793	3975	3890	12	46056	54	25
DISC91		78 3 8	1824	44.0480	-16.1872	3965	3879	12	46064	66	27

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 3 8	1830	44.0362	-16.1952	4021	3936	12	46076	82	29
DISC91		78 3 8	1836	44.0242	-16.2030	4072	3985	12	46086	96	30
DISC91		78 3 8	1842	44.0123	-16.2108	3949	3864	12	46084	98	32
DISC91		78 3 8	1848	44.0005	-16.2185	3995	3910	12	46068	86	31
DISC91		78 3 8	1854	43.9885	-16.2265	4057	3970	12	46048	70	31
DISC91		78 3 8	19 0	43.9765	-16.2345	4103	4016	12	46028	54	32
DISC91		78 3 8	19 6	43.9638	-16.2425	4088	4001	12	46012	43	32
DISC91		78 3 8	1912	43.9515	-16.2505	4113	4027	12	46004	39	34
DISC91		78 3 8	1918	43.9388	-16.2588	4118	4033	12	46002	41	35
DISC91		78 3 8	1924	43.9263	-16.2670	4124	4036	12	46004	48	37
DISC91		78 3 8	1930	43.9140	-16.2750	4103	4016	12	46006	54	39
DISC91		78 3 8	1936	43.9015	-16.2832	4062	3976	12	46004	57	42
DISC91		78 3 8	1942	43.8892	-16.2912	4057	3970	12	45998	55	44
DISC91		78 3 8	1948	43.8767	-16.2993	4031	3945	12	45994	56	46
DISC91		78 3 8	1954	43.8642	-16.3075	3970	3884	12	45984	50	49
DISC91		78 3 8	20 0	43.8518	-16.3160	3872	3787	12	45978	48	51
DISC91		78 3 8	20 6	43.8395	-16.3248	3811	3727	12	45968	43	54
DISC91		78 3 8	2012	43.8273	-16.3342	3780	3696	12	45948	27	56
DISC91		78 3 8	2018	43.8153	-16.3435	3749	3665	12	45930	13	59
DISC91		78 3 8	2024	43.8032	-16.3532	3683	3599	12	45904	-8	60
DISC91		78 3 8	2030	43.7912	-16.3627	3518	3438	12	45882	-26	62
DISC91		78 3 8	2036	43.7792	-16.3725	3416	3336	12	45862	-41	65
DISC91		78 3 8	2042	43.7673	-16.3818	3411	3332	12	45848	-51	66
DISC91		78 3 8	2048	43.7555	-16.3907	3416	3336	12	45838	-57	66
DISC91		78 3 8	2054	43.7438	-16.3995	3467	3387	12	45832	-59	66
DISC91		78 3 8	21 0	43.7322	-16.4083	3683	3599	12	45818	-69	65
DISC91		78 3 8	21 6	43.7203	-16.4172	3683	3599	12	45800	-83	64
DISC91		78 3 8	2112	43.7085	-16.4262	3708	3625	12	45786	-93	61
DISC91		78 3 8	2118	43.6970	-16.4348	3729	3645	12	45784	-91	60
DISC91		78 3 8	2124	43.6852	-16.4437	3754	3670	12	45790	-81	59
DISC91		78 3 8	2130	43.6733	-16.4525	3775	3691	12	45802	-65	57
DISC91		78 3 8	2136	43.6615	-16.4613	3821	3736	12	45816	-47	55
DISC91		78 3 8	2142	43.6500	-16.4705	3867	3782	12	45820	-39	54
DISC91		78 3 8	2148	43.6382	-16.4797				45824	-30	51
DISC91		78 3 8	2154	43.6263	-16.4887	3924	3839	12	45832	-18	49
DISC91		78 3 8	22 0	43.6147	-16.4978	3954	3868	12	45844	-2	47
DISC91		78 3 8	22 6	43.6028	-16.5068	4011	3925	12	45850	7	46
DISC91		78 3 8	2212	43.5910	-16.5160	4036	3950	12	45848	9	44
DISC91		78 3 8	2218	43.5795	-16.5250	4067	3981	12	45852	17	41
DISC91		78 3 8	2224	43.5675	-16.5342	4088	4001	12	45862	31	40
DISC91		78 3 8	2230	43.5555	-16.5435	4149	4062	12	45874	47	38
DISC91		78 3 8	2236	43.5435	-16.5528	4201	4113	12	45874	51	37
DISC91		78 3 8	2242	43.5315	-16.5618	4216	4129	12	45862	44	36
DISC91		78 3 8	2248	43.5195	-16.5710	4221	4133	12	45840	26	35
DISC91		78 3 8	2254	43.5075	-16.5802	4221	4133	12	45812	2	35
DISC91		78 3 8	23 0	43.4958	-16.5892	4236	4150	12	45782	-23	34
DISC91		78 3 8	23 6	43.4840	-16.5983	4247	4159	12	45754	-47	34
DISC91		78 3 8	2312	43.4720	-16.6077	4272	4184	12	45736	-61	34
DISC91		78 3 8	2318	43.4600	-16.6167	4272	4184	12	45722	-71	34
DISC91		78 3 8	2324	43.4480	-16.6260	4277	4190	12	45708	-80	34
DISC91		78 3 8	2330	43.4360	-16.6352	4288	4201	12	45692	-92	35
DISC91		78 3 8	2336	43.4242	-16.6432	4303	4215	12	45684	-96	36
DISC91		78 3 8	2342	43.4122	-16.6508	4318	4230	12	45676	-100	37
DISC91		78 3 8	2348	43.4002	-16.6585	4318	4230	12	45680	-91	37
DISC91		78 3 8	2354	43.3882	-16.6662	4329	4241	12	45692	-75	36
DISC91	68	78 3 9	0 0	43.3762	-16.6738	4349	4261	12	45710	-53	35
DISC91		78 3 9	0 6	43.3640	-16.6817	4370	4281	12	45736	-25	34
DISC91		78 3 9	012	43.3520	-16.6895	4380	4292	12	45770	15	34
DISC91		78 3 9	018	43.3402	-16.6972	4385	4298	12	45814	63	34
DISC91		78 3 9	024	43.3283	-16.7050	4385	4298	12	45864	117	34
DISC91		78 3 9	030	43.3170	-16.7137	4385	4298	12	45910	167	31
DISC91		78 3 9	036	43.3092	-16.7277	4419	4331	12	45982	241	32
DISC91		78 3 9	042	43.3018	-16.7422	4431	4343	12	46040	301	31
DISC91		78 3 9	048	43.2947	-16.7568	4444	4356	12	46072	335	29
DISC91		78 3 9	054	43.2875	-16.7713	4452	4364	12	46086	351	28
DISC91		78 3 9	1 0	43.2805	-16.7857	4462	4374	12	46090	357	27
DISC91		78 3 9	1 6	43.2733	-16.8003	4462	4374	12	46082	351	26
DISC91		78 3 9	112	43.2663	-16.8152	4457	4369	12	46066	337	27
DISC91		78 3 9	118	43.2593	-16.8302	4462	4374	12	46040	312	27
DISC91		78 3 9	124	43.2523	-16.8450	4457	4369	12	45994	268	27
DISC91		78 3 9	130	43.2455	-16.8595	4447	4358	12	45932	208	27
DISC91		78 3 9	136	43.2385	-16.8745	4433	4345	12	45866	144	28
DISC91		78 3 9	142	43.2313	-16.8893	4349	4261	12	45816	96	29
DISC91		78 3 9	148	43.2243	-16.9042	4154	4067	12	45782	64	30
DISC91		78 3 9	154	43.2175	-16.9188	4108	4022	12	45758	42	32
DISC91		78 3 9	2 0	43.2107	-16.9333	4093	4007	12	45746	31	33
DISC91		78 3 9	2 6	43.2038	-16.9478	4078	3992	12	45752	39	34
DISC91		78 3 9	212	43.1972	-16.9623	4057	3970	12	45782	71	34
DISC91		78 3 9	218	43.1907	-16.9772	4021	3936	12	45828	119	33
DISC91		78 3 9	224	43.1840	-16.9925	4021	3936	12	45864	156	32
DISC91		78 3 9	230	43.1775	-17.0077	4247	4159	12	45864	158	31
DISC91		78 3 9	236	43.1710	-17.0230	4339	4252	12	45836	132	28
DISC91		78 3 9	242	43.1645	-17.0382	4380	4292	12	45800	97	25
DISC91		78 3 9	248	43.1580	-17.0533	4411	4323	12	45770	69	23
DISC91		78 3 9	254	43.1507	-17.0683	4421	4332	12	45750	51	21
DISC91		78 3 9	3 0	43.1433	-17.0832	4431	4343	12	45738	41	19
DISC91		78 3 9	3 6	43.1358	-17.0983	4457	4369	12	45724	29	17
DISC91		78 3 9	312	43.1283	-17.1132	4503	4415	12	45718	25	16
DISC91		78 3 9	318	43.1212	-17.1277	4508	4420	12	45714	23	16
DISC91		78 3 9	324	43.1140	-17.1422	4544	4457	12	45712	22	15
DISC91		78 3 9	330	43.1068	-17.1568	4616	4528	12	45706	18	14
DISC91		78 3 9	336	43.0995	-17.1715	4601	4513	12	45696	10	14
DISC91		78 3 9	342	43.0922	-17.1862	4631	4545	12	45682	-1	14

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 3 9	348	43.0848	-17.5010	4636	4548	12	45674	-7	14
DISC91	78 3 9	354	43.0777	-17.5155	4601	4513	12	45672	-7	15
DISC91	78 3 9	4 0	43.0708	-17.5297	4534	4446	12	45672	-5	16
DISC91	78 3 9	4 6	43.0638	-17.5442	4462	4374	12	45668	-8	16
DISC91	78 3 9	412	43.0568	-17.5590	4467	4380	12	45664	-10	16
DISC91	78 3 9	418	43.0492	-17.5747	4509	4422	12	45658	-14	17
DISC91	78 3 9	424	43.0422	-17.5898	4516	4429	12	45654	-16	15
DISC91	78 3 9	430	43.0352	-17.6058	4503	4415	12	45652	-17	15
DISC91	78 3 9	436	43.0282	-17.6217	4456	4369	12	45644	-23	15
DISC91	78 3 9	442	43.0208	-17.6378	4441	4353	12	45628	-37	15
DISC91	78 3 9	448	43.0137	-17.6537	4452	4364	12	45592	-71	16
DISC91	78 3 9	454	43.0065	-17.6697	4502	4415	12	45542	-120	16
DISC91	78 3 9	5 0	42.9992	-17.6857	4539	4451	12	45486	-174	15
DISC91	78 3 9	5 6	42.9918	-17.7018	4565	4477	12	45434	-224	14
DISC91	78 3 9	512	42.9847	-17.7175	4589	4501	12	45406	-250	14
DISC91	78 3 9	518	42.9772	-17.7337	4601	4513	12	45412	-242	12
DISC91	78 3 9	524	42.9700	-17.7495	4621	4534	12	45438	-214	11
DISC91	78 3 9	530	42.9627	-17.7655	4657	4570	12	45466	-184	10
DISC91	78 3 9	536	42.9552	-17.7820	4667	4579	12	45478	-170	11
DISC91	78 3 9	542	42.9480	-17.7978	4672	4585	12	45470	-176	10
DISC91	78 3 9	548	42.9405	-17.8138	4679	4592	12	45448	-196	10
DISC91	78 3 9	554	42.9332	-17.8298	4692	4605	12	45424	-219	10
DISC91	78 3 9	6 0	42.9257	-17.8460	4695	4607	12	45412	-229	10
DISC91	78 3 9	6 6	42.9185	-17.8617	4697	4610	12	45416	-223	11
DISC91	78 3 9	612	42.9117	-17.8777	4703	4616	12	45436	-201	12
DISC91	78 3 9	618	42.9043	-17.8933	4684	4596	12	45464	-171	14
DISC91	78 3 9	624	42.8975	-17.9083	4644	4556	12	45490	-143	14
DISC91	78 3 9	630	42.8900	-17.9237	4536	4448	12	45512	-119	16
DISC91	78 3 9	636	42.8820	-17.9378	4486	4398	12	45532	-97	16
DISC91	78 3 9	642	42.8742	-17.9523	4455	4367	12	45546	-81	17
DISC91	78 3 9	648	42.8662	-17.9670	4442	4354	12	45554	-70	19
DISC91	78 3 9	654	42.8583	-17.9817	4443	4354	12	45552	-70	16
DISC91	78 3 9	7 0	42.8502	-17.9973	4436	4349	12	45548	-72	19
DISC91	78 3 9	7 6	42.8422	-18.0123	4416	4329	12	45548	-69	18
DISC91	78 3 9	712	42.8340	-18.0278	4383	4296	12	45544	-71	17
DISC91	78 3 9	718	42.8253	-18.0438	4353	4267	12	45536	-77	18
DISC91	78 3 9	724	42.8170	-18.0593	4339	4252	12	45522	-88	18
DISC91	78 3 9	730	42.8090	-18.0747	4359	4272	12	45502	-106	18
DISC91	78 3 9	736	42.8006	-18.0900	4582	4495	12	45488	-118	15
DISC91	78 3 9	742	42.7925	-18.1060	4631	4545	12	45480	-123	15
DISC91	78 3 9	748	42.7835	-18.1222	4631	4545	12	45462	-139	14
DISC91	78 3 9	754	42.7753	-18.1373	4634	4546	12	45440	-158	11
DISC91	78 3 9	8 0	42.7670	-18.1528	4636	4548	12	45416	-180	14
DISC91	78 3 9	8 6	42.7592	-18.1672	4652	4565	12	45390	-204	14
DISC91	78 3 9	812	42.7512	-18.1817	4652	4565	12	45366	-225	14
DISC91	78 3 9	818	42.7433	-18.1947	4677	4590	12	45348	-241	14
DISC91	78 3 9	824	42.7355	-18.2085	4790	4704	12	45344	-243	13
DISC91	78 3 9	830	42.7277	-18.2222	4835	4749	12	45346	-239	13
DISC91	78 3 9	836	42.7197	-18.2362	4767	4680	12	45348	-234	15
DISC91	78 3 9	842	42.7117	-18.2508	4784	4696	12	45350	-230	14
DISC91	78 3 9	848	42.7040	-18.2650	4748	4662	12	45352	-226	13
DISC91	78 3 9	854	42.6967	-18.2790	4570	4482	12	45356	-220	15
DISC91	78 3 9	9 0	42.6885	-18.2942	4509	4422	12	45370	-203	16
DISC91	78 3 9	9 6	42.6808	-18.3085	4569	4481	12	45392	-180	15
DISC91	78 3 9	912	42.6735	-18.3223	4531	4442	12	45420	-150	14
DISC91	78 3 9	918	42.6662	-18.3363	4392	4305	12	45444	-124	15
DISC91	78 3 9	924	42.6585	-18.3512	4375	4287	12	45464	-101	16
DISC91	78 3 9	930	42.6508	-18.3655	4415	4327	12	45492	-71	14
DISC91	78 3 9	936	42.6437	-18.3797	4494	4406	12	45528	-34	13
DISC91	78 3 9	942	42.6367	-18.3940	4515	4428	12	45570	9	12
DISC91	78 3 9	948	42.6298	-18.4083	4524	4437	12	45604	45	11
DISC91	78 3 9	954	42.6228	-18.4227	4513	4426	12	45620	63	9
DISC91	78 3 9	10 0	42.6152	-18.4378	4517	4429	12	45618	63	10
DISC91	78 3 9	10 6	42.6078	-18.4527	4632	4545	12	45598	45	9
DISC91	78 3 9	1012	42.6005	-18.4673	4661	4574	12	45570	19	
DISC91	78 3 9	1018	42.5930	-18.4825	4636	4548	12	45544	-4	9
DISC91	78 3 9	1024	42.5853	-18.4978	4590	4503	12	45524	-22	10
DISC91	78 3 9	1030	42.5785	-18.5127	4475	4387	12	45512	-32	12
DISC91	78 3 9	1036	42.5713	-18.5270	4460	4373	12	45506	-37	11
DISC91	78 3 9	1042	42.5643	-18.5410	4598	4512	12	45500	-41	
DISC91	78 3 9	1048	42.5578	-18.5542	4513	4426	12			
DISC91	78 3 9	1054	42.5513	-18.5673	4203	4115	12			
DISC91	78 3 9	11 0	42.5448	-18.5805	4298	4210	12			
DISC91	78 3 9	11 6	42.5385	-18.5937	4456	4369	12			
DISC91	78 3 9	1112	42.5320	-18.6067	4695	4607	12			
DISC91	78 3 9	1118	42.5255	-18.6202	4698	4610	12	45514	-17	11
DISC91	78 3 9	1124	42.5187	-18.6342	4693	4605	12	45548	18	10
DISC91	78 3 9	1130	42.5123	-18.6473	4683	4596	12	45580	52	9
DISC91	78 3 9	1136	42.5062	-18.6603	4606	4517	12	45604	77	10
DISC91	78 3 9	1142	42.4995	-18.6742	4524	4437	12	45622	97	8
DISC91	78 3 9	1148	42.4922	-18.6885	4479	4391	12	45630	107	10
DISC91	78 3 9	1154	42.4852	-18.7028	4508	4420	12	45636	115	11
DISC91	78 3 9	12 0	42.4783	-18.7170	4488	4400	12	45638	119	12
DISC91	78 3 9	12 6	42.4713	-18.7312	4488	4400	12	45642	124	12
DISC91	78 3 9	1212	42.4643	-18.7450	4488	4400	12	45644	128	12
DISC91	78 3 9	1218	42.4578	-18.7600	4452	4364	12	45642	128	16
DISC91	78 3 9	1224	42.4515	-18.7730	4395	4307	12	45622	110	16
DISC91	78 3 9	1230	42.4447	-18.7868	4359	4272	12	45578	67	17
DISC91	78 3 9	1236	42.4377	-18.7868	4308	4221	12	45510	1	18
DISC91	78 3 9	1242	42.4308	-18.7868	4288	4201	12	45428	-78	18
DISC91	78 3 9	1248	42.4242	-18.7868	4305	4217	12	45344	-160	19
DISC91	78 3 9	1254	42.4178	-18.7868	4354	4267	12	45272	-231	19
DISC91	78 3 9	13 0	42.4113	-18.7868	4390	4303	12	45218	-283	18

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 3 9	13 6	42.4047	-18.7868	4426	4338	12	45196	-303	17
DISC91	78 3 9	1312	42.3983	-18.7868	4477	4389	12	45196	-302	16
DISC91	78 3 9	1318	42.3920	-18.7868	4498	4411	12	45220	-276	16
DISC91	78 3 9	1324	42.3863	-18.7868	4508	4420	12	45262	-232	13
DISC91	78 3 9	1330	42.3805	-18.7868	4549	4462	12	45320	-173	
DISC91	78 3 9	1336	42.3740	-18.7868	4539	4451	12	45388	-103	12
DISC91	78 3 9	1342	42.3672	-18.7868	4513	4426	12	45438	-52	10
DISC91	78 3 9	1348	42.3607	-18.7868	4513	4426	12	45462	-26	10
DISC91	78 3 9	1354	42.3547	-18.7868	4575	4488	12	45466	-20	8
DISC91	78 3 9	14 0	42.3482	-18.7868	4611	4523	12	45456	-29	7
DISC91	78 3 9	14 6	42.3412	-18.7868	4529	4440	12	45442	-41	7
DISC91	78 3 9	1412	42.3347	-18.7868	4548	4460	12	45436	-45	5
DISC91	78 3 9	1418	42.3287	-18.7868	4554	4467	12	45436	-44	4
DISC91	78 3 9	1424	42.3225	-18.7868	4636	4548	12	45450	-28	6
DISC91	78 3 9	1430	42.3165	-18.7868	4631	4545	12	45468	-9	5
DISC91	78 3 9	1436	42.3108	-18.7868	4616	4528	12	45488	12	4
DISC91	78 3 9	1442	42.3045	-18.7868	4601	4513	12	45508	33	6
DISC91	78 3 9	1448	42.2985	-18.7868	4595	4508	12	45516	43	6
DISC91	78 3 9	1454	42.2925	-18.8093	4580	4492	12	45504	32	5
DISC91	78 3 9	15 0	42.2863	-18.8237	4575	4488	12	45468	-1	5
DISC91	78 3 9	15 6	42.2803	-18.8373	4565	4477	12	45406	-62	5
DISC91	78 3 9	1512	42.2738	-18.8520	4544	4457	12	45322	-144	7
DISC91	78 3 9	1518	42.2677	-18.8663	4544	4457	12	45228	-237	7
DISC91	78 3 9	1524	42.2615	-18.8803	4549	4462	12	45144	-319	8
DISC91	78 3 9	1530	42.2552	-18.8947	4559	4471	12	45084	-378	10
DISC91	78 3 9	1536	42.2490	-18.9085	4426	4338	12	45062	-398	9
DISC91	78 3 9	1542	42.2432	-18.9225	4498	4411	12	45078	-381	9
DISC91	78 3 9	1548	42.2378	-18.9373	4544	4457	12	45122	-336	8
DISC91	78 3 9	1554	42.2353	-18.9545	4518	4431	12	45170	-288	9
DISC91	78 3 9	16 0	42.2332	-18.9718	4529	4440	12	45214	-244	11
DISC91	78 3 9	16 6	42.2310	-18.9892	4524	4437	12	45244	-215	11
DISC91	78 3 9	1612	42.2285	-19.0063	4483	4395	12	45264	-195	11
DISC91	78 3 9	1618	42.2255	-19.0233	4503	4415	12	45282	-177	11
DISC91	78 3 9	1624	42.2230	-19.0395	4513	4426	12	45304	-155	10
DISC91	78 3 9	1630	42.2207	-19.0563	4513	4426	12	45326	-133	10
DISC91	78 3 9	1636	42.2183	-19.0732	4513	4426	12	45338	-122	9
DISC91	78 3 9	1642	42.2158	-19.0902	4488	4400	12	45326	-134	10
DISC91	78 3 9	1648	42.2133	-19.1075	4493	4406	12	45302	-159	11
DISC91	78 3 9	1654	42.2103	-19.1240	4483	4395	12	45274	-187	11
DISC91	78 3 9	17 0	42.2072	-19.1402	4508	4420	12	45246	-215	9
DISC91	78 3 9	17 6	42.2030	-19.1570	4518	4431	12	45218	-242	11
DISC91	78 3 9	1712	42.1990	-19.1735	4524	4437	12	45194	-266	11
DISC91	78 3 9	1718	42.1950	-19.1902	4493	4406	12	45182	-278	12
DISC91	78 3 9	1724	42.1915	-19.2058	4447	4358	12	45174	-286	12
DISC91	78 3 9	1730	42.1880	-19.2212	4354	4267	12	45170	-289	11
DISC91	78 3 9	1736	42.1845	-19.2372	4318	4230	12	45168	-291	13
DISC91	78 3 9	1742	42.1812	-19.2530	4349	4261	12	45166	-293	13
DISC91	78 3 9	1748	42.1782	-19.2683	4370	4281	12	45162	-297	13
DISC91	78 3 9	1754	42.1747	-19.2847	4365	4278	12	45156	-303	16
DISC91	78 3 9	18 0	42.1713	-19.3005	4344	4256	12	45148	-311	17
DISC91	78 3 9	18 6	42.1678	-19.3162	4329	4241	12	45146	-313	16
DISC91	78 3 9	1812	42.1635	-19.3333	4257	4170	12	45158	-300	19
DISC91	78 3 9	1818	42.1592	-19.3503	4057	3970	12	45182	-276	19
DISC91	78 3 9	1824	42.1552	-19.3670	3954	3868	12	45206	-252	20
DISC91	78 3 9	1830	42.1505	-19.3838	4103	4016	12	45212	-245	20
DISC91	78 3 9	1836	42.1463	-19.3997	4206	4118	12	45216	-241	17
DISC91	78 3 9	1842	42.1423	-19.4153	4211	4124	12	45220	-236	15
DISC91	78 3 9	1848	42.1382	-19.4312	4190	4104	12	45224	-232	15
DISC91	78 3 9	1854	42.1337	-19.4473	4175	4087	12	45232	-225	16
DISC91	78 3 9	19 0	42.1292	-19.4638	4159	4073	12	45238	-219	17
DISC91	78 3 9	19 6	42.1248	-19.4803	4139	4053	12	45238	-216	16
DISC91	78 3 9	1912	42.1202	-19.4972	4134	4047	12	45234	-220	18
DISC91	78 3 9	1918	42.1157	-19.5127	4118	4033	12	45222	-231	16
DISC91	78 3 9	1924	42.1107	-19.5292	4113	4027	12	45204	-248	17
DISC91	78 3 9	1930	42.1060	-19.5450	4093	4007	12	45186	-266	15
DISC91	78 3 9	1936	42.1012	-19.5615	4057	3970	12	45164	-287	17
DISC91	78 3 9	1942	42.0962	-19.5785	3944	3859	12	45152	-298	16
DISC91	78 3 9	1948	42.0915	-19.5948	4021	3936	12	45148	-302	14
DISC91	78 3 9	1954	42.0867	-19.6115	4031	3945	12	45148	-301	16
DISC91	78 3 9	20 0	42.0823	-19.6270	4031	3945	12	45150	-299	13
DISC91	78 3 9	20 6	42.0785	-19.6423	4042	3956	12	45156	-292	13
DISC91	78 3 9	2012	42.0742	-19.6580	4042	3956	12	45162	-286	14
DISC91	78 3 9	2018	42.0695	-19.6743	4057	3970	12	45172	-275	14
DISC91	78 3 9	2024	42.0648	-19.6900	4026	3939	12	45190	-256	14
DISC91	78 3 9	2030	42.0605	-19.7052	4031	3945	12	45206	-240	11
DISC91	78 3 9	2036	42.0565	-19.7198	4052	3965	12	45220	-225	12
DISC91	78 3 9	2042	42.0522	-19.7357	4042	3956	12	45238	-207	12
DISC91	78 3 9	2048	42.0482	-19.7513	4031	3945	12	45246	-199	12
DISC91	78 3 9	2054	42.0443	-19.7662	4026	3939	12	45250	-194	11
DISC91	78 3 9	21 0	42.0402	-19.7817	3995	3910	12	45254	-190	15
DISC91	78 3 9	21 6	42.0365	-19.7965	3980	3894	12	45254	-189	15
DISC91	78 3 9	2112	42.0325	-19.8115	3965	3879	12	45254	-189	16
DISC91	78 3 9	2118	42.0287	-19.8265	3949	3864	12	45254	-189	18
DISC91	78 3 9	2124	42.0243	-19.8425	3924	3839	12	45256	-186	20
DISC91	78 3 9	2130	42.0202	-19.8582	3842	3756	12	45260	-182	23
DISC91	78 3 9	2136	42.0158	-19.8737	3816	3731	12	45264	-177	28
DISC91	78 3 9	2142	42.0103	-19.9032	3580	3498	12	45268	-171	42
DISC91	78 3 9	2148	42.0053	-19.9150	3516	3435	12	45276	-160	53
DISC91	78 3 9	2154	41.9973	-19.9187	2821	2752	12	45310	-122	58
DISC91	78 3 9	22 0	41.9870	-19.9155	2657	2591	12	45358	-68	59
DISC91	78 3 9	22 6	41.9745	-19.9045	2872	2802	12	45374	-47	52
DISC91	78 3 9	2212	41.9648	-19.8868	3354	3275	12	45366	-51	41
DISC91	78 3 9	2218	41.9588							

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	68 78 3 9	2224	41.9533	-19.8692	3683	3599	12	45354	-60	32
DISC91	78 3 9	2230	41.9473	-19.8528	3693	3610	12	45348	-62	26
DISC91	78 3 9	2236	41.9412	-19.8363	3883	3798	12	45340	-66	22
DISC91	78 3 9	2242	41.9346	-19.8197	3898	3813	12	45324	-78	19
DISC91	78 3 9	2248	41.9285	-19.8028	3918	3833	12	45312	-86	17
DISC91	78 3 9	2254	41.9223	-19.7860	3934	3848	12	45304	-90	16
DISC91	78 3 9	23 0	41.9162	-19.7693	3944	3859	12	45296	-94	15
DISC91	78 3 9	23 6	41.9102	-19.7528	3944	3859	12	45286	-100	14
DISC91	78 3 9	2312	41.9040	-19.7358	3949	3864	12	45272	-110	14
DISC91	78 3 9	2318	41.8978	-19.7185	3944	3859	12	45262	-116	15
DISC91	78 3 9	2324	41.8917	-19.7013	3918	3833	12	45248	-126	15
DISC91	78 3 9	2330	41.8853	-19.6838	3918	3833	12	45240	-130	15
DISC91	78 3 9	2336	41.8790	-19.6665	3939	3853	12	45232	-134	18
DISC91	78 3 9	2342	41.8732	-19.6498	3929	3844	12	45226	-136	20
DISC91	78 3 9	2348	41.8673	-19.6330	3908	3822	12	45210	-148	22
DISC91	78 3 9	2354	41.8613	-19.6160	3872	3787	12	45188	-167	26
DISC91	69 78 310	0 0	41.8552	-19.5990	3847	3762	12	45162	-189	31
DISC91	78 310	0 6	41.8492	-19.5818				45154	-193	36
DISC91	78 310	012	41.8435	-19.5657	3077	3003	12	45174	-169	41
DISC91	78 310	018	41.8382	-19.5495	2924	2853	12	45220	-120	44
DISC91	78 310	024	41.8328	-19.5335	2975	2902	12	45272	-64	46
DISC91	78 310	030	41.8268	-19.5182	2980	2908	12	45314	-18	46
DISC91	78 310	036	41.8210	-19.5030	3098	3023	12	45334	4	43
DISC91	78 310	042	41.8147	-19.4873	3272	3195	12	45328	2	39
DISC91	78 310	048	41.8087	-19.4720	3559	3478	12	45302	-19	35
DISC91	78 310	054	41.8027	-19.4563	3539	3458	12	45274	-43	29
DISC91	78 310	1 0	41.7965	-19.4408	3898	3813	12	45258	-55	25
DISC91	78 310	1 6	41.7910	-19.4258	3980	3894	12	45250	-60	21
DISC91	78 310	112	41.7852	-19.4103	4185	4098	12	45244	-62	18
DISC91	78 310	118	41.7798	-19.3953	3970	3884	12	45238	-65	15
DISC91	78 310	124	41.7742	-19.3802	4011	3925	12	45230	-69	11
DISC91	78 310	130	41.7683	-19.3647	4226	4139	12	45222	-73	8
DISC91	78 310	136	41.7627	-19.3492	4339	4252	12	45218	-74	7
DISC91	78 310	142	41.7570	-19.3340	4170	4082	12	45220	-68	4
DISC91	78 310	148	41.7512	-19.3185	4329	4241	12	45228	-56	1
DISC91	78 310	154	41.7452	-19.3030	4401	4312	12	45240	-40	-1
DISC91	78 310	2 0	41.7392	-19.2873	4472	4384	12	45248	-29	-2
DISC91	78 310	2 6	41.7330	-19.2717	4493	4406	12	45256	-17	-4
DISC91	78 310	212	41.7270	-19.2560	4667	4579	12	45256	-13	-5
DISC91	78 310	218	41.7212	-19.2407	4770	4684	12	45250	-15	-6
DISC91	78 310	224	41.7148	-19.2247	4888	4801	12	45240	-21	-8
DISC91	78 310	230	41.7082	-19.2090	4918	4832	12	45226	-31	-8
DISC91	78 310	236	41.7022	-19.1937	4931	4844	12	45212	-42	-9
DISC91	78 310	242	41.6955	-19.1778	4949	4863	12	45192	-57	-9
DISC91	78 310	248	41.6893	-19.1623	4975	4888	12	45160	-86	-10
DISC91	78 310	254	41.6828	-19.1468	4990	4905	12	45120	-122	-12
DISC91	78 310	3 0	41.6765	-19.1313	5001	4916	12	45080	-158	-13
DISC91	78 310	3 6	41.6702	-19.1152	5011	4925	12	45050	-184	-13
DISC91	78 310	312	41.6647	-19.0983	5021	4936	12	45048	-182	-12
DISC91	78 310	318	41.6595	-19.0818	5031	4947	12	45064	-163	-12
DISC91	78 310	324	41.6542	-19.0650	5036	4951	12	45090	-133	-11
DISC91	78 310	330	41.6483	-19.0483	5042	4956	12	45118	-101	-11
DISC91	78 310	336	41.6433	-19.0323	5047	4962	12	45146	-70	-11
DISC91	78 310	342	41.6387	-19.0165	5049	4963	12	45168	-45	-10
DISC91	78 310	348	41.6342	-19.0010	5049	4963	12	45182	-27	-9
DISC91	78 310	354	41.6287	-18.9863	5049	4963	12	45188	-18	-8
DISC91	78 310	4 0	41.6210	-18.9730	5051	4965	12	45188	-14	-7
DISC91	78 310	4 6	41.6138	-18.9605	5051	4965	12	45192	-6	-7
DISC91	78 310	412	41.6065	-18.9475	5067	4982	12	45204	9	-5
DISC91	78 310	418	41.5990	-18.9345	5006	4919	12	45220	30	-5
DISC91	78 310	424	41.5917	-18.9218	4959	4874	12	45238	52	-5
DISC91	78 310	430	41.5835	-18.9087	5083	4998	12	45252	70	-6
DISC91	78 310	436	41.5758	-18.8957	5149	5066	12	45256	78	-7
DISC91	78 310	442	41.5678	-18.8828	5308	5227	12	45246	72	-8
DISC91	78 310	448	41.5598	-18.8695				45218	49	-9
DISC91	78 310	454	41.5520	-18.8565	5283	5201	12	45184	19	-11
DISC91	78 310	5 0	41.5438	-18.8432	5318	5238	12	45142	-18	-13
DISC91	78 310	5 6	41.5358	-18.8298	5330	5249	12	45106	-49	-16
DISC91	78 310	512	41.5278	-18.8172	5291	5208	12	45070	-81	-16
DISC91	78 310	518	41.5192	-18.8037	5236	5154	12	45038	-108	-18
DISC91	78 310	524	41.5107	-18.7903	5234	5152	12	44998	-144	-17
DISC91	78 310	530	41.5022	-18.7772	5165	5080	12	44960	-177	-17
DISC91	78 310	536	41.4932	-18.7637	5077	4993	12	44918	-214	-16
DISC91	78 310	542	41.4847	-18.7505	5293	5210	12	44886	-242	-17
DISC91	78 310	548	41.4760	-18.7372	5359	5278	12	44862	-261	-18
DISC91	78 310	554	41.4675	-18.7238	5372	5291	12	44846	-273	-17
DISC91	78 310	6 0	41.4588	-18.7107	5483	5404	12	44834	-280	-18
DISC91	78 310	6 6	41.4488	-18.6988	5483	5404	12	44834	-275	-15
DISC91	78 310	612	41.4373	-18.6928	5478	5400	12	44840	-264	-17
DISC91	78 310	618	41.4265	-18.6967	5472	5393	12	44842	-257	-17
DISC91	78 310	624	41.4187	-18.7075	5264	5181	12	44840	-257	-14
DISC91	78 310	630	41.4113	-18.7188	5145	5060	12	44840	-255	-13
DISC91	78 310	636	41.4040	-18.7297	4862	4775	12	44840	-252	-11
DISC91	78 310	642	41.3977	-18.7397	4826	4740	12	44840	-250	-11
DISC91	78 310	648	41.3903	-18.7503	5406	5325	12	44840	-248	-10
DISC91	78 310	654	41.3837	-18.7607	5402	5322	12	44834	-252	-13
DISC91	78 310	7 0	41.3768	-18.7707	5381	5300	12	44828	-256	-13
DISC91	78 310	7 6	41.3690	-18.7815	5377	5296	12	44816	-265	-13
DISC91	78 310	712	41.3615	-18.7925	5380	5300	12	44810	-269	-14
DISC91	78 310	718	41.3547	-18.8027	5390	5309	12	44804	-273	-15
DISC91	78 310	724	41.3480	-18.8127	5395	5314	12	44804	-271	-17
DISC91	78 310	730	41.3413	-18.8228	5393	5313	12	44806	-266	-14
DISC91	78 310	736	41.3350	-18.8328	5387	5307	12	44812	-258	-15

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 310	742	41.3282	-18.8430	5354	5272	12	44818	-250	-15
DISC91	78 310	748	41.3217	-18.8530	5236	5154	12	44828	-238	-14
DISC91	78 310	754	41.3143	-18.8633	5083	4998	12	44844	-220	-13
DISC91	78 310	8 0	41.3067	-18.8738	5014	4929	12	44862	-199	-13
DISC91	78 310	8 6	41.3000	-18.8833	5102	5018	12	44872	-187	-12
DISC91	78 310	812	41.2938	-18.8925	5374	5293	12	44892	-165	-13
DISC91	78 310	818	41.2873	-18.9018	5384	5304	12	44906	-149	-12
DISC91	78 310	824	41.2810	-18.9108	5364	5283	12	44920	-133	-13
DISC91	78 310	830	41.2752	-18.9197	5334	5252	12	44934	-117	-10
DISC91	78 310	836	41.2693	-18.9283	5334	5252	12	44944	-106	-12
DISC91	78 310	842	41.2632	-18.9375	5347	5265	12	44956	-92	-10
DISC91	78 310	848	41.2590	-18.9497	5334	5252	12	44972	-75	-11
DISC91	78 310	854	41.2580	-18.9660	5001	4916	12	45012	-35	-9
DISC91	78 310	9 0	41.2572	-18.9832	4986	4901	12	45062	13	-8
DISC91	78 310	9 6	41.2562	-19.0005	4990	4905	12	45106	56	-5
DISC91	78 310	912	41.2552	-19.0173	4980	4894	12	45136	85	-4
DISC91	78 310	918	41.2542	-19.0335	4862	4775	12	45150	99	1
DISC91	78 310	924	41.2535	-19.0497	4823	4737	12	45156	104	2
DISC91	78 310	930	41.2522	-19.0665	4797	4711	12	45154	101	3
DISC91	78 310	936	41.2508	-19.0827	4792	4706	12	45148	94	1
DISC91	78 310	942	41.2497	-19.0987	4764	4676	12	45136	81	2
DISC91	78 310	948	41.2482	-19.1155	4667	4579	12	45118	63	2
DISC91	78 310	954	41.2465	-19.1322				45100	44	2
DISC91	78 310	10 0	41.2453	-19.1488	4919	4834	12	45076	19	1
DISC91	78 310	10 6	41.2442	-19.1648	4934	4848	12	45062	4	-1
DISC91	78 310	1012	41.2433	-19.1813	4970	4885	12	45046	-12	-4
DISC91	78 310	1018	41.2458	-19.1985	4954	4868	12	45034	-26	-4
DISC91	78 310	1024	41.2522	-19.2147	4924	4837	12	45024	-40	-4
DISC91	78 310	1030	41.2597	-19.2300	4862	4775	12	45012	-56	-5
DISC91	78 310	1036	41.2673	-19.2457	4847	4760	12	44998	-75	-6
DISC91	78 310	1042	41.2748	-19.2612	4988	4903	12	44984	-93	-5
DISC91	78 310	1048	41.2825	-19.2767	4980	4894	12	44974	-108	-6
DISC91	78 310	1054	41.2898	-19.2917	4949	4863	12	44978	-108	-6
DISC91	78 310	11 0	41.2973	-19.3072	4893	4806	12	44992	-99	-5
DISC91	78 310	11 6	41.3048	-19.3223	4847	4760	12	45008	-87	-5
DISC91	78 310	1112	41.3125	-19.3367	4801	4713	12	45026	-73	-2
DISC91	78 310	1118	41.3193	-19.3505	4704	4616	12	45030	-73	1
DISC91	78 310	1124	41.3265	-19.3643	4626	4539	12	45018	-89	2
DISC91	78 310	1130	41.3335	-19.3783	4303	4215	12	44996	-116	1
DISC91	78 310	1136	41.3403	-19.3925	4308	4221	12	44970	-146	-1
DISC91	78 310	1142	41.3473	-19.4067	4295	4208	12	44954	-166	-5
DISC91	78 310	1148	41.3543	-19.4205	4810	4722	12	44952	-172	-8
DISC91	78 310	1154	41.3613	-19.4350	4813	4726	12	44966	-162	-10
DISC91	78 310	12 0	41.3682	-19.4488	4811	4724	12	44974	-158	-13
DISC91	78 310	12 6	41.3750	-19.4627	4801	4713	12	44980	-156	-15
DISC91	78 310	1212	41.3818	-19.4762	4806	4718	12	44980	-160	-17
DISC91	78 310	1218	41.3888	-19.4897	4811	4724	12	44976	-168	-19
DISC91	78 310	1224	41.3957	-19.5035	4836	4749	12	44966	-182	-19
DISC91	78 310	1230	41.4025	-19.5175	4836	4749	12	44952	-200	-22
DISC91	78 310	1236	41.4092	-19.5317	4838	4751	12	44938	-218	-23
DISC91	78 310	1242	41.4157	-19.5463	4838	4751	12	44928	-232	-22
DISC91	78 310	1248	41.4222	-19.5605	4838	4751	12	44932	-232	-24
DISC91	78 310	1254	41.4288	-19.5752	4836	4749	12	44948	-220	-25
DISC91	78 310	13 0	41.4350	-19.5895	4836	4749	12	44968	-203	-24
DISC91	78 310	13 6	41.4413	-19.6037	4836	4749	12	44998	-177	-25
DISC91	78 310	1312	41.4478	-19.6183	4836	4749	12	45028	-151	-25
DISC91	78 310	1318	41.4542	-19.6327	4833	4746	12	45056	-127	-23
DISC91	78 310	1324	41.4607	-19.6472	4826	4740	12	45074	-113	-22
DISC91	78 310	1330	41.4670	-19.6613	4826	4740	12	45082	-109	-22
DISC91	78 310	1336	41.4735	-19.6757	4826	4740	12	45086	-109	-22
DISC91	78 310	1342	41.4798	-19.6898	4821	4735	12	45084	-114	-22
DISC91	78 310	1348	41.4862	-19.7038	4813	4726	12	45082	-120	-23
DISC91	78 310	1354	41.4925	-19.7178	4806	4718	12	45088	-118	-20
DISC91	78 310	14 0	41.4987	-19.7318	4806	4718	12	45096	-114	-21
DISC91	78 310	14 6	41.5043	-19.7463	4801	4713	12	45104	-109	-21
DISC91	78 310	1412	41.5102	-19.7612	4790	4704	12	45108	-109	-19
DISC91	78 310	1418	41.5158	-19.7763	4785	4698	12	45106	-115	-18
DISC91	78 310	1424	41.5217	-19.7915	4513	4426	12	45096	-128	-17
DISC91	78 310	1430	41.5275	-19.8067	4447	4358	12			
DISC91	78 310	1436	41.5333	-19.8217	4385	4298	12	45082	-150	-11
DISC91	78 310	1442	41.5390	-19.8368	4293	4206	12	45080	-155	-8
DISC91	78 310	1448	41.5448	-19.8517	4216	4129	12	45084	-155	-5
DISC91	78 310	1454	41.5505	-19.8667	4077	3990	12	45094	-148	-1
DISC91	78 310	15 0	41.5563	-19.8815	4036	3950	12	45104	-142	2
DISC91	78 310	15 6	41.5620	-19.8963	4001	3915	12	45120	-130	6
DISC91	78 310	1512	41.5677	-19.9115	3949	3864	12	45146	-107	9
DISC91	78 310	1518	41.5733	-19.9265	3765	3681	12	45176	-81	15
DISC91	78 310	1524	41.5788	-19.9407	3718	3636	12	45212	-48	18
DISC91	78 310	1530	41.5850	-19.9567	3395	3316	12	45244	-20	24
DISC91	78 310	1536	41.5910	-19.9725	3503	3422	12	45280	11	30
DISC91	78 310	1542	41.5968	-19.9885	3385	3306	12	45318	45	36
DISC91	78 310	1548	41.6025	-20.0045	2852	2782	12	45352	75	45
DISC91	78 310	1554	41.6080	-20.0205	2734	2666	12	45378	98	54
DISC91	78 310	16 0	41.6137	-20.0367	2231	2176	12	45398	114	62
DISC91	78 310	16 6	41.6193	-20.0528	2083	2032	12	45402	114	67
DISC91	78 310	1612	41.6250	-20.0687	2021	1971	12	45380	88	67
DISC91	78 310	1618	41.6305	-20.0848	2329	2273	12	45344	48	63
DISC91	78 310	1624	41.6363	-20.1007	2565	2503	12	45300	1	58
DISC91	78 310	1630	41.6423	-20.1163	3057	2985	12	45264	-38	51
DISC91	78 310	1636	41.6483	-20.1317	3108	3034	12	45238	-68	43
DISC91	78 310	1642	41.6540	-20.1477	3231	3155	12	45210	-100	36
DISC91	78 310	1648	41.6598	-20.1637	3303	3226	12	45182	-132	31
DISC91	78 310	1654	41.6657	-20.1798	3390	3312	12	45154	-164	26

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	69 78 310	17 0	41.6715	-20.1958	3529	3447	12	45130	-192	22
DISC91	78 310	17 6	41.6773	-20.2182	3636	3553	12	45112	-214	18
DISC91	78 310	1712	41.6832	-20.2447	3718	3636	12	45102	-227	15
DISC91	78 310	1718	41.6890	-20.2705	3770	3685	12	45096	-237	15
DISC91	78 310	1724	41.6948	-20.2965	3790	3707	12	45092	-245	13
DISC91	78 310	1730	41.7008	-20.3225	3811	3727	12	45092	-249	12
DISC91	78 310	1736	41.7078	-20.3477	3821	3736	12	45100	-245	13
DISC91	78 310	1742	41.7147	-20.3730	3847	3762	12	45128	-222	14
DISC91	78 310	1748	41.7215	-20.3982	3867	3782	12	45182	-175	15
DISC91	78 310	1754	41.7285	-20.4235	3855	3767	12	45254	-104	16
DISC91	78 310	18 0	41.7353	-20.4488	3842	3756	12	45334	-29	16
DISC91	78 310	18 6	41.7420	-20.4740	3821	3736	12	45398	30	19
DISC91	78 310	1812	41.7487	-20.5002	3816	3731	12	45428	56	19
DISC91	78 310	1818	41.7557	-20.5255	3806	3722	12	45414	38	21
DISC91	78 310	1824	41.7627	-20.5510	3770	3685	12	45372	-8	21
DISC91	78 310	1830	41.7697	-20.5763	3770	3685	12	45320	-64	23
DISC91	78 310	1836	41.7767	-20.6018	3780	3696	12	45278	-110	22
DISC91	78 310	1842	41.7837	-20.6272	3801	3716	12	45242	-151	22
DISC91	78 310	1848	41.7907	-20.6527	3836	3753	12	45212	-185	21
DISC91	78 310	1854	41.7977	-20.6780	3867	3782	12	45194	-207	20
DISC91	78 310	19 0	41.8048	-20.7035	3918	3833	12	45192	-214	20
DISC91	78 310	19 6	41.8120	-20.7290	3944	3859	12	45206	-204	
DISC91	78 310	1912	41.8188	-20.7545	3954	3868	12			
DISC91	78 310	1918	41.8258	-20.7800	3949	3864	12	45234	-185	17
DISC91	78 310	1924	41.8328	-20.8057	3913	3828	12	45238	-185	15
DISC91	78 310	1930	41.8400	-20.8313	3954	3868	12	45244	-183	15
DISC91	78 310	1936	41.8472	-20.8570	3970	3884	12	45266	-166	14
DISC91	78 310	1942	41.8545	-20.8827	3990	3904	12	45300	-136	13
DISC91	78 310	1948	41.8613	-20.9083	4016	3930	12	45340	-101	13
DISC91	78 310	1954	41.8683	-20.9340	4026	3939	12	45376	-69	12
DISC91	78 310	20 0	41.8752	-20.9597	4103	4016	12	45402	-47	10
DISC91	78 310	20 6	41.8825	-20.9853	4129	4042	12	45416	-38	9
DISC91	78 310	2012	41.8900	-21.0110	4118	4033	12	45420	-38	6
DISC91	78 310	2018	41.8973	-21.0367	4134	4047	12	45414	-49	7
DISC91	78 310	2024	41.9047	-21.0625	4124	4036	12	45398	-69	7
DISC91	78 310	2030	41.9120	-21.0882	4124	4036	12	45368	-104	6
DISC91	78 310	2036	41.9193	-21.1140	4088	4001	12	45332	-144	5
DISC91	78 310	2042	41.9265	-21.1397	4067	3981	12	45304	-176	5
DISC91	78 310	2048	41.9338	-21.1655	4062	3976	12	45290	-195	6
DISC91	78 310	2054	41.9407	-21.1913	4093	4007	12	45294	-195	7
DISC91	78 310	21 0	41.9477	-21.2170	4124	4036	12	45310	-183	6
DISC91	78 310	21 6	41.9545	-21.2428	4093	4007	12	45328	-170	4
DISC91	78 310	2112	41.9613	-21.2685	4134	4047	12	45338	-164	5
DISC91	78 310	2118	41.9682	-21.2943	4165	4078	12	45336	-170	5
DISC91	78 310	2124	41.9760	-21.3200	4165	4078	12	45334	-177	5
DISC91	78 310	2130	41.9840	-21.3458	4159	4073	12	45330	-185	4
DISC91	78 310	2136	41.9920	-21.3715	4159	4073	12	45338	-182	4
DISC91	78 310	2142	42.0002	-21.3973	4165	4078	12	45348	-178	3
DISC91	78 310	2148	42.0082	-21.4230	4154	4067	12	45358	-172	4
DISC91	78 310	2154	42.0162	-21.4488	4149	4062	12	45366	-169	4
DISC91	78 310	22 0	42.0242	-21.4745	4139	4053	12	45374	-166	6
DISC91	78 310	2206	42.0295	-21.5003	4118	4033	12	45376	-167	8
DISC91	78 310	2212	42.0278	-21.5000	4118	4033	12	45382	-162	13
DISC91	78 310	2218	42.0198	-21.5100	4144	4058	12	45390	-151	11
DISC91	78 310	2224	42.0112	-21.5198	4154	4067	12	45398	-140	12
DISC91	78 310	2230	42.0028	-21.5292	4165	4078	12	45402	-134	11
DISC91	78 310	2236	41.9942	-21.5388	4170	4082	12	45406	-127	11
DISC91	78 310	2242	41.9855	-21.5487	4165	4078	12	45402	-129	12
DISC91	78 310	2248	41.9768	-21.5583	4129	4042	12	45396	-132	11
DISC91	78 310	2254	41.9682	-21.5677	4129	4042	12	45390	-135	12
DISC91	78 310	23 0	41.9593	-21.5777	4124	4036	12	45382	-140	13
DISC91	78 310	23 6	41.9507	-21.5873	4113	4027	12	45374	-145	15
DISC91	78 310	2312	41.9423	-21.5963	4088	4001	12	45368	-149	16
DISC91	78 310	2318	41.9347	-21.6052	4062	3976	12	45364	-150	16
DISC91	78 310	2324	41.9265	-21.6145				45356	-156	17
DISC91	78 310	2330	41.9183	-21.6240	4052	3965	12	45356	-153	19
DISC91	78 310	2336	41.9102	-21.6330	4031	3945	12	45360	-146	21
DISC91	78 310	2342	41.9020	-21.6423	4021	3936	12	45362	-142	21
DISC91	78 310	2348	41.8935	-21.6518	3975	3890	12	45366	-135	23
DISC91	78 310	2354	41.8850	-21.6613	3949	3864	12	45366	-132	24
DISC91	70 78 311	0 0	41.8765	-21.6707	3995	3910	12	45364	-132	24
DISC91	78 311	0 6	41.8677	-21.6807	4026	3939	12	45352	-141	24
DISC91	78 311	012	41.8588	-21.6908	4011	3925	12	45342	-148	25
DISC91	78 311	018	41.8503	-21.7005	4011	3925	12	45330	-157	26
DISC91	78 311	024	41.8418	-21.7105	4021	3936	12	45322	-162	26
DISC91	78 311	030	41.8333	-21.7203	4026	3939	12	45314	-168	25
DISC91	78 311	036	41.8248	-21.7295	4021	3936	12	45306	-173	25
DISC91	78 311	042	41.8165	-21.7387	4013	3926	12	45294	-182	25
DISC91	78 311	048	41.8083	-21.7482	4006	3919	12	45284	-190	24
DISC91	78 311	054	41.7992	-21.7588	3990	3904	12	45278	-193	23
DISC91	78 311	1 0	41.7880	-21.7670	3965	3879	12	45280	-187	23
DISC91	78 311	1 6	41.7752	-21.7705	3949	3864	12	45280	-182	23
DISC91	78 311	112	41.7618	-21.7727	3954	3868	12	45272	-184	23
DISC91	78 311	118	41.7488	-21.7758	3965	3879	12	45264	-187	23
DISC91	78 311	124	41.7362	-21.7793	3954	3868	12	45250	-196	23
DISC91	78 311	130	41.7240	-21.7828	3924	3839	12	45236	-205	23
DISC91	78 311	136	41.7110	-21.7858	3842	3756	12	45222	-214	23
DISC91	78 311	142	41.6978	-21.7847	3803	3718	12	45206	-224	24
DISC91	78 311	148	41.6853	-21.7748	3790	3707	12	45182	-242	23
DISC91	78 311	154	41.6783	-21.2587	3759	3676	12	45164	-255	21
DISC91	78 311	2 0	41.6708	-21.2418	3754	3670	12	45156	-258	20
DISC91	78 311	2 6	41.6633	-21.2253	3708	3625	12	45156	-253	28
DISC91	78 311	212	41.6557	-21.2097	3683	3599	12	45164	-241	27

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 311	218	41.6482	-21.1940	3662	3579	12	45170	-230	28
DISC91	78 311	224	41.6407	-21.1782	3611	3530	12	45172	-223	29
DISC91	78 311	230	41.6328	-21.1623	3642	3559	12	45170	-220	32
DISC91	78 311	236	41.6253	-21.1465	3631	3550	12	45166	-220	34
DISC91	78 311	242	41.6183	-21.1307	3539	3458	12	45172	-209	35
DISC91	78 311	248	41.6112	-21.1147	3488	3407	12	45196	-181	38
DISC91	78 311	254	41.6042	-21.0987	3498	3418	12	45242	-130	40
DISC91	78 311	3 0	41.5972	-21.0830	3354	3275	12	45284	-84	41
DISC91	78 311	3 6	41.5903	-21.0672	3315	3237	12	45314	-49	40
DISC91	78 311	312	41.5838	-21.0508	3442	3361	12	45328	-31	37
DISC91	78 311	318	41.5773	-21.0343	3431	3352	12	45328	-27	34
DISC91	78 311	324	41.5707	-21.0178	3477	3398	12	45302	-48	33
DISC91	78 311	330	41.5640	-21.0013	3503	3422	12	45256	-90	30
DISC91	78 311	336	41.5573	-20.9848	3521	3440	12	45204	-137	29
DISC91	78 311	342	41.5508	-20.9683	3539	3458	12	45166	-171	29
DISC91	78 311	348	41.5440	-20.9515	3524	3442	12	45138	-195	28
DISC91	78 311	354	41.5375	-20.9352	3573	3491	12	45126	-203	27
DISC91	78 311	4 0	41.5310	-20.9187	3594	3513	12	45128	-196	27
DISC91	78 311	4 6	41.5245	-20.9015	3606	3524	12	45144	-176	26
DISC91	78 311	412	41.5182	-20.8845	3588	3506	12	45162	-154	26
DISC91	78 311	418	41.5117	-20.8683	3595	3513	12	45176	-136	28
DISC91	78 311	424	41.5050	-20.8517	3570	3488	12	45174	-134	28
DISC91	78 311	430	41.4982	-20.8348	3509	3429	12	45156	-147	30
DISC91	78 311	436	41.4913	-20.8183	3570	3488	12	45140	-159	31
DISC91	78 311	442	41.4843	-20.8015	3447	3367	12	45142	-152	32
DISC91	78 311	448	41.4772	-20.7848	3303	3226	12	45170	-120	34
DISC91	78 311	454	41.4700	-20.7683	3295	3217	12	45164	-121	34
DISC91	78 311	5 0	41.4630	-20.7518	3457	3378	12	45112	-169	30
DISC91	78 311	5 6	41.4558	-20.7355	3621	3539	12	45090	-186	26
DISC91	78 311	512	41.4487	-20.7192	3893	3808	12	45106	-166	22
DISC91	78 311	518	41.4418	-20.7028	3908	3822	12	45126	-142	19
DISC91	78 311	524	41.4350	-20.6865	3908	3822	12	45126	-137	16
DISC91	78 311	530	41.4275	-20.6702				45110	-149	
DISC91	78 311	536	41.4200	-20.6533						
DISC91	78 311	542	41.4125	-20.6365	3914	0	12			
DISC91	78 311	548	41.4048	-20.6200	3913	3828	12	45064	-181	13
DISC91	78 311	554	41.3972	-20.6032	3914	3830	12	45044	-196	13
DISC91	78 311	6 0	41.3895	-20.5867	3914	3830	12	45022	-213	13
DISC91	78 311	6 6	41.3818	-20.5702	3913	3828	12	44998	-233	15
DISC91	78 311	612	41.3742	-20.5537	3910	3826	12	44986	-240	16
DISC91	78 311	618	41.3665	-20.5368	3910	3826	12	44988	-233	18
DISC91	78 311	624	41.3587	-20.5202	3910	3826	12	45022	-194	19
DISC91	78 311	630	41.3510	-20.5033	3910	3826	12	45084	-128	21
DISC91	78 311	636	41.3433	-20.4867	3894	3809	12	45166	-41	23
DISC91	78 311	642	41.3357	-20.4700	3888	3802	12	45242	39	26
DISC91	78 311	648	41.3280	-20.4532	3724	3639	12	45280	82	29
DISC91	78 311	654	41.3200	-20.4367	3641	3559	12	45262	68	33
DISC91	78 311	7 0	41.3120	-20.4208	3581	3498	12	45206	17	37
DISC91	78 311	7 6	41.3040	-20.4045	3395	3316	12	45134	-49	43
DISC91	78 311	712	41.2960	-20.3887	3257	3180	12	45050	-128	51
DISC91	78 311	718	41.2875	-20.3730	3077	3003	12	44980	-193	58
DISC91	78 311	724	41.2793	-20.3578	3009	2937	12	44938	-230	67
DISC91	78 311	730	41.2710	-20.3427	2649	2584	12	44910	-254	
DISC91	78 311	736	41.2632	-20.3270	2508	2447	12	44944	-215	83
DISC91	78 311	742	41.2555	-20.3105	2052	2001	12	45072	-82	88
DISC91	78 311	748	41.2478	-20.2943	1959	1911	12	45222	72	90
DISC91	78 311	754	41.2402	-20.2780	2277	2220	12	45352	206	87
DISC91	78 311	8 0	41.2327	-20.2617	2611	2546	12	45428	287	80
DISC91	78 311	8 6	41.2252	-20.2455	2995	2922	12	45432	295	73
DISC91	78 311	812	41.2175	-20.2290	2949	2879	12	45346	214	67
DISC91	78 311	818	41.2098	-20.2127	2965	2893	12	45226	99	59
DISC91	78 311	824	41.2022	-20.1963	3373	3294	12	45140	17	53
DISC91	78 311	830	41.1947	-20.1793	3452	3372	12	45096	-21	47
DISC91	78 311	836	41.1877	-20.1625	3491	3411	12	45066	-46	41
DISC91	78 311	842	41.1807	-20.1457	3610	3528	12	45044	-64	36
DISC91	78 311	848	41.1737	-20.1288	3679	3597	12	45026	-77	31
DISC91	78 311	854	41.1668	-20.1120	3740	3656	12	45026	-73	27
DISC91	78 311	9 0	41.1598	-20.0950	3849	3764	12	45038	-57	22
DISC91	78 311	9 6	41.1527	-20.0780	3961	3875	12	45054	-36	19
DISC91	78 311	912	41.1457	-20.0610	4047	3961	12	45064	-22	15
DISC91	78 311	918	41.1385	-20.0443	4098	4011	12	45056	-25	12
DISC91	78 311	924	41.1310	-20.0277	4174	4087	12	45036	-41	9
DISC91	78 311	930	41.1237	-20.0108	4243	4155	12	45016	-56	5
DISC91	78 311	936	41.1165	-19.9945	4271	4184	12	45002	-66	3
DISC91	78 311	942	41.1095	-19.9780	4385	4298	12	44992	-72	-0
DISC91	78 311	948	41.1027	-19.9613	4574	4486	12	44976	-84	-4
DISC91	78 311	954	41.0953	-19.9447	4744	4656	12	44956	-99	-7
DISC91	78 311	10 0	41.0883	-19.9277	4831	4744	12	44934	-117	-9
DISC91	78 311	10 6	41.0810	-19.9107	4845	4759	12	44906	-140	-12
DISC91	78 311	1012	41.0738	-19.8935	4948	4863	12	44888	-154	-13
DISC91	78 311	1018	41.0665	-19.8762	4953	4868	12	44868	-170	-16
DISC91	78 311	1024	41.0593	-19.8595	4971	4885	12	44858	-175	-20
DISC91	78 311	1030	41.0520	-19.8428	4980	4894	12	44860	-169	-22
DISC91	78 311	1036	41.0448	-19.8272	4986	4901	12	44866	-158	
DISC91	78 311	1042	41.0380	-19.8110	4994	4908	12	44884	-136	-25
DISC91	78 311	1048	41.0308	-19.7943	5003	4918	12	44906	-110	-26
DISC91	78 311	1054	41.0237	-19.7773	5011	4925	12	44918	-93	-28
DISC91	78 311	11 0	41.0167	-19.7603	5021	4936	12	44904	-103	-27
DISC91	78 311	11 6	41.0097	-19.7435	5026	4941	12	44868	-135	-27
DISC91	78 311	1112	41.0025	-19.7265	5028	4943	12	44814	-184	
DISC91	78 311	1118	40.9955	-19.7097	5031	4947	12	44774	-220	-26
DISC91	78 311	1124	40.9883	-19.6925	5030	4945	12	44760	-229	-24
DISC91	78 311	1130	40.9810	-19.6753	5028	4943	12	44756	-229	-24

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	70	78 311	1136	40.9738	-19.6580	5027	4941	12	44764	-216	-21
DISC91		78 311	1142	40.9665	-19.6410	4749	4662	12	44784	-192	-20
DISC91		78 311	1148	40.9593	-19.6237	4749	4662	12	44820	-151	-18
DISC91		78 311	1154	40.9528	-19.6077	5042	4956	12	44858	-109	-19
DISC91		78 311	12 0	40.9463	-19.5913	5036	4951	12	44886	-77	-19
DISC91		78 311	12 6	40.9402	-19.5752	5042	4956	12	44900	-59	-18
DISC91		78 311	1212	40.9338	-19.5592	5042	4956	12	44904	-51	-19
DISC91		78 311	1218	40.9275	-19.5432	5047	4962	12	44900	-51	
DISC91		78 311	1224	40.9213	-19.5272	5047	4962	12	44896	-51	
DISC91		78 311	1230	40.9152	-19.5110	5047	4962	12	44892	-51	-17
DISC91		78 311	1236	40.9088	-19.4948	5042	4956	12	44882	-57	-18
DISC91		78 311	1242	40.9025	-19.4787	5043	4958	12	44850	-85	-16
DISC91		78 311	1248	40.8962	-19.4622	5026	4941	12	44804	-127	-14
DISC91		78 311	1254	40.8897	-19.4458	5016	4930	12	44760	-167	-13
DISC91		78 311	13 0	40.8830	-19.4298	4877	4791	12	44732	-191	-11
DISC91		78 311	13 6	40.8763	-19.4142	4775	4687	12	44732	-187	-11
DISC91		78 311	1312	40.8695	-19.3982	4754	4667	12	44752	-163	-9
DISC91		78 311	1318	40.8625	-19.3827	4842	4755	12	44774	-136	-8
DISC91		78 311	1324	40.8557	-19.3668	4877	4791	12	44786	-120	-7
DISC91		78 311	1330	40.8487	-19.3512	4898	4812	12	44794	-108	-7
DISC91		78 311	1336	40.8418	-19.3355	4862	4775	12	44810	-88	-9
DISC91		78 311	1342	40.8348	-19.3200	5231	5148	12	44828	-65	-10
DISC91		78 311	1348	40.8280	-19.3045	5231	5148	12	44850	-39	-11
DISC91		78 311	1354	40.8212	-19.2892	5283	5201	12	44870	-15	
DISC91		78 311	14 0	40.8125	-19.2758	5308	5227	12	44882	1	-20
DISC91		78 311	14 6	40.7998	-19.2693	5308	5227	12	44892	-22	-13
DISC91		78 311	1412	40.7867	-19.2667	5308	5227	12	44876	7	
DISC91		78 311	1418	40.7733	-19.2648	5308	5227	12	44866	3	-16
DISC91		78 311	1424	40.7595	-19.2675	5308	5227	12	44858	1	-15
DISC91		78 311	1430	40.7457	-19.2705	5308	5227	12	44850	-1	-12
DISC91		78 311	1436	40.7317	-19.2733	5313	5232	12	44844	-1	-13
DISC91		78 311	1442	40.7180	-19.2760	5308	5227	12	44842	2	-12
DISC91		78 311	1448	40.7045	-19.2787	5308	5227	12	44836	2	-12
DISC91		78 311	1454	40.6907	-19.2815	5308	5227	12	44834	5	-11
DISC91		78 311	15 0	40.6765	-19.2843	5308	5227	12	44828	5	-11
DISC91		78 311	15 6	40.6618	-19.2875	5267	5185	12	44820	4	-10
DISC91		78 311	1512	40.6472	-19.2905	5231	5148	12	44810	0	-9
DISC91		78 311	1518	40.6330	-19.2933	5226	5143	12	44796	-7	-6
DISC91		78 311	1524	40.6188	-19.2963	5211	5128	12	44788	-9	-6
DISC91		78 311	1530	40.6055	-19.2992	5221	5139	12	44780	-12	-5
DISC91		78 311	1536	40.5912	-19.3020	5211	5128	12	44778	-8	-7
DISC91		78 311	1542	40.5768	-19.3048	5211	5128	12	44778	-2	-6
DISC91		78 311	1548	40.5627	-19.3077	5180	5097	12	44784	9	-6
DISC91		78 311	1554	40.5473	-19.3110	5201	5117	12	44788	20	-7
DISC91		78 311	16 0	40.5325	-19.3143	5252	5170	12	44794	32	-6
DISC91		78 311	16 6	40.5180	-19.3175	5252	5170	12	44796	40	-5
DISC91		78 311	1612	40.5037	-19.3207	5252	5170	12	44794	44	-3
DISC91		78 311	1618	40.4877	-19.3293	5247	5165	12	44792	48	1
DISC91		78 311	1624	40.4738	-19.3513	5257	5174	12	44788	50	2
DISC91		78 311	1630	40.4605	-19.3328	5262	5179	12	44784	52	1
DISC91		78 311	1636	40.4485	-19.3372	5267	5185	12	44774	47	-1
DISC91		78 311	1642	40.4400	-19.3493	5129	5044	12	44762	38	-1
DISC91		78 311	1648	40.4378	-19.3647	5097	4982	12	44750	25	-0
DISC91		78 311	1654	40.4428	-19.3797	5072	4987	12	44748	20	1
DISC91		78 311	17 0	40.4493	-19.3943	5077	4993	12	44750	18	2
DISC91		78 311	17 6	40.4558	-19.4098	4780	4693	12	44742	6	8
DISC91		78 311	1712	40.4623	-19.4252	4616	4528	12	44730	-9	10
DISC91		78 311	1718	40.4687	-19.4398	4529	4440	12	44704	-39	11
DISC91		78 311	1724	40.4752	-19.4552	4416	4329	12	44668	-79	14
DISC91		78 311	1730	40.4808	-19.4685	4580	4492	12	44628	-122	15
DISC91		78 311	1736	40.4865	-19.4825	4580	4492	12	44594	-160	15
DISC91		78 311	1742	40.4930	-19.4980	4565	4477	12	44562	-196	15
DISC91		78 311	1748	40.4992	-19.5127	4370	4281	12	44534	-228	15
DISC91		78 311	1754	40.5052	-19.5275	4313	4226	12	44518	-248	16
DISC91		78 311	18 0	40.5115	-19.5433	4318	4230	12	44526	-244	18
DISC91		78 311	18 6	40.5182	-19.5583	4431	4343	12	44564	-210	19
DISC91		78 311	1812	40.5245	-19.5740	4616	4528	12	44634	-144	18
DISC91		78 311	1818	40.5307	-19.5887	4734	4647	12	44688	-93	16
DISC91		78 311	1824	40.5365	-19.6033	4703	4616	12	44716	-69	16
DISC91		78 311	1830	40.5425	-19.6183	4606	4517	12	44714	-75	16
DISC91		78 311	1836	40.5487	-19.6332	4688	4599	12	44698	-95	14
DISC91		78 311	1842	40.5547	-19.6472	4616	4528	12	44684	-112	13
DISC91		78 311	1848	40.5605	-19.6608	4585	4497	12	44678	-122	13
DISC91		78 311	1854	40.5663	-19.6747	4590	4503	12	44674	-130	11
DISC91		78 311	19 0	40.5723	-19.6895	4616	4528	12	44674	-133	13
DISC91		78 311	19 6	40.5780	-19.7032	4616	4528	12	44660	-151	12
DISC91		78 311	1912	40.5838	-19.7165	4575	4488	12	44626	-189	12
DISC91		78 311	1918	40.5898	-19.7305	4539	4451	12	44580	-238	12
DISC91		78 311	1924	40.5962	-19.7450	4498	4411	12	44540	-282	13
DISC91		78 311	1930	40.6022	-19.7592	4467	4380	12	44528	-298	11
DISC91		78 311	1936	40.6078	-19.7725	4452	4364	12	44532	-297	12
DISC91		78 311	1942	40.6133	-19.7857	4513	4426	12	44550	-283	10
DISC91		78 311	1948	40.6192	-19.7995	4339	4252	12	44576	-260	11
DISC91		78 311	1954	40.6247	-19.8127	4170	4082	12	44614	-226	9
DISC91		78 311	20 0	40.6300	-19.8260	4272	4184	12	44666	-177	10
DISC91		78 311	20 6	40.6355	-19.8395	4324	4236	12	44720	-127	8
DISC91		78 311	2012	40.6412	-19.8532				44768	-82	3
DISC91		78 311	2018	40.6475	-19.8672				44802	-52	2
DISC91		78 311	2024	40.6535	-19.8805	4790	4704	12	44816	-42	5
DISC91		78 311	2030	40.6598	-19.8945	4770	4684	12	44820	-42	5
DISC91		78 311	2036	40.6662	-19.9083	4872	4786	12	44812	-53	3
DISC91		78 311	2042	40.6722	-19.9215	4990	4905	12	44798	-71	3
DISC91		78 311	2048	40.6783	-19.9355	4924	4837	12	44772	-101	-1

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 311	2054	40.6843	-19.9482	4842	4755	12	44746	-130	-3
DISC91		78 311	21 0	40.6903	-19.9620	4862	4775	12	44708	-172	-2
DISC91		78 311	21 6	40.6960	-19.9752	4862	4775	12	44676	-208	-1
DISC91		78 311	2112	40.7030	-19.9888	4811	4724	12	44660	-228	-1
DISC91		78 311	2118	40.7102	-20.0023	4677	4590	12	44656	-236	-1
DISC91		78 311	2124	40.7173	-20.0158	4631	4545	12	44666	-231	-1
DISC91		78 311	2130	40.7242	-20.0297	4626	4539	12	44676	-225	0
DISC91		78 311	2136	40.7312	-20.0432	4601	4513	12	44690	-215	1
DISC91		78 311	2142	40.7375	-20.0562	4585	4497	12	44706	-203	3
DISC91		78 311	2148	40.7437	-20.0697	4554	4466	12	44732	-181	5
DISC91		78 311	2154	40.7495	-20.0822	4585	4497	12	44752	-164	5
DISC91		78 311	22 0	40.7555	-20.0952	4554	4466	12	44776	-144	4
DISC91		78 311	22 6	40.7615	-20.1083	4559	4471	12	44792	-132	5
DISC91		78 311	2212	40.7677	-20.1210	4585	4497	12	44810	-118	4
DISC91		78 311	2218	40.7737	-20.1343	4621	4534	12	44828	-103	5
DISC91		78 311	2224	40.7800	-20.1483	4765	4678	12	44850	-85	5
DISC91		78 311	2230	40.7860	-20.1615	4754	4667	12	44870	-69	6
DISC91		78 311	2236	40.7923	-20.1752	4729	4641	12	44892	-51	5
DISC91		78 311	2242	40.7985	-20.1892	4667	4579	12	44906	-41	8
DISC91		78 311	2248	40.8047	-20.2023	4616	4528	12	44920	-31	6
DISC91		78 311	2254	40.8107	-20.2150	4590	4503	12	44932	-22	9
DISC91		78 311	23 0	40.8170	-20.2277	4488	4400	12	44946	-12	9
DISC91		78 311	23 6	40.8232	-20.2402	4477	4389	12	44960	-2	9
DISC91		78 311	2312	40.8293	-20.2523	4477	4389	12	44974	7	8
DISC91		78 311	2318	40.8357	-20.2643	4488	4400	12	44980	9	9
DISC91		78 311	2324	40.8423	-20.2782	4513	4426	12	44974	0	9
DISC91		78 311	2330	40.8485	-20.2912	4513	4426	12	44968	-9	7
DISC91		78 311	2336	40.8545	-20.3033	4518	4431	12	44962	-19	7
DISC91		78 311	2342	40.8612	-20.3163	4518	4431	12	44952	-33	8
DISC91		78 311	2348	40.8678	-20.3293	4518	4431	12	44942	-47	7
DISC91		78 311	2354	40.8747	-20.3425	4513	4426	12	44934	-59	8
DISC91	71	78 312	0 0	40.8812	-20.3552	4462	4374	12	44928	-69	9
DISC91		78 312	0 6	40.8878	-20.3682	4308	4221	12	44924	-77	10
DISC91		78 312	012	40.8945	-20.3813	4385	4298	12	44930	-75	10
DISC91		78 312	018	40.9012	-20.3945	4257	4170	12	44938	-71	13
DISC91		78 312	024	40.9078	-20.4073	4226	4139	12	44956	-57	13
DISC91		78 312	030	40.9145	-20.4205	4236	4150	12	44968	-49	14
DISC91		78 312	036	40.9213	-20.4332	4308	4221	12	44982	-39	14
DISC91		78 312	042	40.9280	-20.4463	4267	4181	12	45000	-26	13
DISC91		78 312	048	40.9348	-20.4593	4257	4170	12	45018	-12	14
DISC91		78 312	054	40.9417	-20.4723	4247	4159	12	45040	5	14
DISC91		78 312	1 0	40.9483	-20.4848	4236	4150	12	45058	19	12
DISC91		78 312	1 6	40.9548	-20.4978	4206	4118	12	45074	31	13
DISC91		78 312	112	40.9615	-20.5108	4103	4016	12	45086	39	14
DISC91		78 312	118	40.9678	-20.5235	4052	3965	12	45096	45	15
DISC91		78 312	124	40.9745	-20.5368	3970	3884	12	45102	47	16
DISC91		78 312	130	40.9812	-20.5495	3703	3619	12	45108	49	15
DISC91		78 312	136	40.9880	-20.5627	3898	3813	12	45106	43	17
DISC91		78 312	142	40.9947	-20.5757	4042	3956	12	45092	25	17
DISC91		78 312	148	41.0017	-20.5890	3970	3884	12	45068	-2	17
DISC91		78 312	154	41.0087	-20.6023	3975	3890	12	45042	-32	17
DISC91		78 312	2 0	41.0153	-20.6153	3975	3890	12	45016	-62	16
DISC91		78 312	2 6	41.0220	-20.6285	3929	3844	12	45004	-78	17
DISC91		78 312	212	41.0285	-20.6413	3913	3828	12	45002	-84	17
DISC91		78 312	218	41.0352	-20.6548	3913	3828	12	45010	-80	17
DISC91		78 312	224	41.0423	-20.6688	3913	3828	12	45024	-70	18
DISC91		78 312	230	41.0493	-20.6825	3883	3798	12	45040	-59	17
DISC91		78 312	236	41.0565	-20.6965	3821	3736	12	45062	-41	19
DISC91		78 312	242	41.0635	-20.7100	3821	3736	12	45082	-25	19
DISC91		78 312	248	41.0705	-20.7235	3831	3747	12	45108	-3	19
DISC91		78 312	254	41.0772	-20.7363	3857	3773	12	45140	24	18
DISC91		78 312	3 0	41.0840	-20.7497	3857	3773	12	45182	62	19
DISC91		78 312	3 6	41.0912	-20.7635	3847	3762	12	45228	104	20
DISC91		78 312	312	41.0980	-20.7767	3847	3762	12	45260	132	19
DISC91		78 312	318	41.1048	-20.7902	3842	3756	12	45258	125	19
DISC91		78 312	324	41.1117	-20.8022	3826	3742	12	45212	76	19
DISC91		78 312	330	41.1182	-20.8158	3795	3711	12	45140	0	20
DISC91		78 312	336	41.1245	-20.8303	3765	3681	12	45068	-75	20
DISC91		78 312	342	41.1303	-20.8450	3744	3661	12	45030	-117	22
DISC91		78 312	348	41.1363	-20.8600	3705	3623	12	45026	-125	22
DISC91		78 312	354	41.1423	-20.8750	3595	3513	12	45046	-109	22
DISC91		78 312	4 0	41.1482	-20.8895	3513	3433	12	45070	-89	22
DISC91		78 312	4 6	41.1543	-20.9047	3574	3493	12	45084	-79	22
DISC91		78 312	412	41.1605	-20.9195	3555	3475	12	45092	-74	22
DISC91		78 312	418	41.1667	-20.9347	3447	3367	12	45102	-68	22
DISC91		78 312	424	41.1728	-20.9498	3324	3246	12	45148	-26	22
DISC91		78 312	430	41.1790	-20.9645	3180	3105	12	45232	53	41
DISC91		78 312	436	41.1852	-20.9795	2970	2899	12	45316	133	45
DISC91		78 312	442	41.1913	-20.9947	2744	2677	12	45370	183	
DISC91		78 312	448	41.1977	-21.0100	2607	2542	12	45392	201	56
DISC91		78 312	454	41.2038	-21.0253	2627	2562	12	45400	205	59
DISC91		78 312	5 0	41.2102	-21.0403	2606	2542	12	45406	207	63
DISC91		78 312	5 6	41.2165	-21.0558	2469	2405	12	45414	211	66
DISC91		78 312	512	41.2230	-21.0710	2412	2352	12	45410	203	67
DISC91		78 312	518	41.2292	-21.0862	2484	2421	12	45370	159	66
DISC91		78 312	524	41.2352	-21.1008	2540	2478	12	45306	91	63
DISC91		78 312	530	41.2412	-21.1158	2703	2637	12	45248	29	59
DISC91		78 312	536	41.2470	-21.1302	2739	2672	12	45214	-8	57
DISC91		78 312	542	41.2530	-21.1453	2606	2542	12	45210	-16	55
DISC91		78 312	548	41.2592	-21.1605	2575	2511	12	45232	1	54
DISC91		78 312	554	41.2652	-21.1752	2503	2441	12	45260	25	55
DISC91		78 312	6 0	41.2713	-21.1908	2430	2370	12	45300	61	56
DISC91		78 312	6 6	41.2778	-21.2070	2277	2220	12	45340	96	60

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91 71	78 312	612	41.2843	-21.2223	2257	2202	12	45366	118	62
DISC91	78 312	618	41.2907	-21.2373	2278	2222	12	45376	124	62
DISC91	78 312	624	41.2968	-21.2520	2296	2238	12	45368	112	61
DISC91	78 312	630	41.3033	-21.2677	2293	2237	12	45340	80	61
DISC91	78 312	636	41.3098	-21.2828	2353	2295	12	45308	43	57
DISC91	78 312	642	41.3162	-21.2982	2442	2381	12	45276	7	51
DISC91	78 312	648	41.3227	-21.3135	2765	2697	12	45236	-36	47
DISC91	78 312	654	41.3292	-21.3290	2985	2913	12	45198	-78	40
DISC91	78 312	7 0	41.3358	-21.3450	3113	3039	12	45170	-111	35
DISC91	78 312	7 6	41.3425	-21.3615	3231	3155	12	45148	-137	31
DISC91	78 312	712	41.3490	-21.3768	3288	3210	12	45136	-153	26
DISC91	78 312	718	41.3558	-21.3928	3452	3372	12	45128	-166	24
DISC91	78 312	724	41.3625	-21.4085	3436	3356	12	45128	-170	23
DISC91	78 312	730	41.3692	-21.4240	3395	3316	12	45144	-158	23
DISC91	78 312	736	41.3758	-21.4402	3354	3275	12	45176	-131	24
DISC91	78 312	742	41.3828	-21.4567	3348	3270	12	45210	-101	26
DISC91	78 312	748	41.3898	-21.4732	3354	3275	12	45234	-82	26
DISC91	78 312	754	41.3963	-21.4887	3504	3424	12	45238	-82	23
DISC91	78 312	8 0	41.4035	-21.5050	3611	3530	12	45250	-75	19
DISC91	78 312	8 6	41.4103	-21.5213	3677	3595	12	45272	-57	15
DISC91	78 312	812	41.4172	-21.5370	3713	3630	12	45290	-44	12
DISC91	78 312	818	41.4242	-21.5550	3934	3848	12	45290	-48	8
DISC91	78 312	824	41.4312	-21.5692	3974	3888	12	45288	-55	6
DISC91	78 312	830	41.4382	-21.5848	4004	3917	12	45280	-67	4
DISC91	78 312	836	41.4452	-21.6008	4042	3956	12	45270	-82	2
DISC91	78 312	842	41.4522	-21.6168	4047	3961	12	45266	-90	2
DISC91	78 312	848	41.4590	-21.6327	4068	3981	12	45262	-98	1
DISC91	78 312	854	41.4660	-21.6487	4077	3990	12	45236	-109	2
DISC91	78 312	9 0	41.4728	-21.6645	4077	3990	12	45238	-131	1
DISC91	78 312	9 6	41.4800	-21.6807	4088	4001	12	45218	-156	3
DISC91	78 312	912	41.4867	-21.6962	4086	4000	12	45204	-174	3
DISC91	78 312	918	41.4938	-21.7123	4089	4001	12	45192	-191	3
DISC91	78 312	924	41.5007	-21.7280	4098	4011	12	45188	-199	3
DISC91	78 312	930	41.5077	-21.7440	4118	4033	12	45188	-204	5
DISC91	78 312	936	41.5148	-21.7602	4115	4029	12	45196	-200	7
DISC91	78 312	942	41.5218	-21.7762	4113	4027	12	45202	-199	8
DISC91	78 312	948	41.5287	-21.7917	4116	4029	12	45210	-195	9
DISC91	78 312	954	41.5358	-21.8077	4115	4029	12	45216	-194	11
DISC91	78 312	10 0	41.5428	-21.8237	4118	4033	12	45236	-178	11
DISC91	78 312	10 6	41.5500	-21.8398	4122	4034	12	45278	-141	12
DISC91	78 312	1012	41.5573	-21.8562	4128	4042	12	45334	-90	12
DISC91	78 312	1018	41.5643	-21.8718	4113	4027	12	45394	-34	13
DISC91	78 312	1024	41.5715	-21.8880	4104	4018	12	45466	32	15
DISC91	78 312	1030	41.5787	-21.9043	4077	3990	12	45532	94	16
DISC91	78 312	1036	41.5858	-21.9202	4049	3963	12	45580	137	18
DISC91	78 312	1042	41.5928	-21.9363	4007	3921	12	45602	155	18
DISC91	78 312	1048	41.6002	-21.9530	3947	3862	12	45596	144	19
DISC91	78 312	1054	41.6070	-21.9702	3849	3764	12	45566	109	19
DISC91	78 312	11 0	41.6142	-21.9877	3886	3800	12	45522	61	22
DISC91	78 312	11 6	41.6182	-22.0048	3865	3780	12	45482	17	24
DISC91	78 312	1112	41.6157	-22.0227	3827	3744	12	45440	-25	29
DISC91	78 312	1118	41.6062	-22.0358	3769	3685	12	45404	-58	31
DISC91	78 312	1124	41.5940	-22.0448	3754	3670	12	45370	-88	30
DISC91	78 312	1130	41.5815	-22.0537	3749	3665	12	45334	-119	30
DISC91	78 312	1136	41.5693	-22.0623	3780	3696	12	45308	-141	29
DISC91	78 312	1142	41.5570	-22.0710	3968	3883	12	45292	-152	28
DISC91	78 312	1148	41.5448	-22.0797	3989	3903	12	45278	-162	28
DISC91	78 312	1154	41.5327	-22.0882	4013	3926	12	45262	-174	28
DISC91	78 312	12 0	41.5205	-22.0968	4001	3915	12	45240	-191	28
DISC91	78 312	12 6	41.5083	-22.1053	4016	3930	12	45224	-203	26
DISC91	78 312	1212	41.4962	-22.1140	4042	3956	12	45204	-219	25
DISC91	78 312	1218	41.4842	-22.1225	4072	3985	12	45184	-234	24
DISC91	78 312	1224	41.4720	-22.1310	4083	3996	12	45164	-250	24
DISC91	78 312	1230	41.4598	-22.1402	4106	4020	12	45146	-264	24
DISC91	78 312	1236	41.4467	-22.1485	4126	4038	12	45138	-267	23
DISC91	78 312	1242	41.4333	-22.1570	4129	4042	12	45128	-272	20
DISC91	78 312	1248	41.4203	-22.1653	4139	4053	12	45124	-271	20
DISC91	78 312	1254	41.4072	-22.1735	4298	4210	12	45120	-271	17
DISC91	78 312	13 0	41.3940	-22.1820	4339	4252	12	45114	-272	15
DISC91	78 312	13 6	41.3805	-22.1905	4344	4256	12	45110	-271	14
DISC91	78 312	1312	41.3672	-22.1990	4370	4281	12	45106	-270	14
DISC91	78 312	1318	41.3540	-22.2075	4421	4332	12	45108	-263	12
DISC91	78 312	1324	41.3407	-22.2160	4411	4323	12	45114	-252	13
DISC91	78 312	1330	41.3273	-22.2243	4411	4323	12	45128	-233	12
DISC91	78 312	1336	41.3142	-22.2328	4462	4374	12	45152	-205	11
DISC91	78 312	1342	41.3010	-22.2412	4459	4371	12	45184	-168	11
DISC91	78 312	1348	41.2868	-22.2470	4457	4369	12	45214	-132	14
DISC91	78 312	1354	41.2718	-22.2435	4442	4354	12	45220	-120	13
DISC91	78 312	14 0	41.2608	-22.2308	4436	4349	12	45202	-132	8
DISC91	78 312	14 6	41.2538	-22.2145	4442	4354	12	45170	-159	5
DISC91	78 312	1412	41.2470	-22.1978	4442	4354	12	45146	-178	4
DISC91	78 312	1418	41.2400	-22.1810	4462	4374	12	45136	-184	3
DISC91	78 312	1424	41.2332	-22.1643	4459	4371	12	45134	-181	0
DISC91	78 312	1430	41.2262	-22.1477	4452	4364	12	45124	-186	0
DISC91	78 312	1436	41.2195	-22.1318	4452	4364	12	45110	-196	-1
DISC91	78 312	1442	41.2128	-22.1162	4442	4354	12	45094	-207	-0
DISC91	78 312	1448	41.2063	-22.1002	4395	4307	12	45084	-213	2
DISC91	78 312	1454	41.2002	-22.0840	4277	4190	12	45082	-211	2
DISC91	78 312	15 0	41.1937	-22.0675	4216	4129	12	45092	-196	4
DISC91	78 312	15 6	41.1873	-22.0510	4149	4062	12	45106	-178	5
DISC91	78 312	1512	41.1810	-22.0343	4154	4067	12	45122	-157	5
DISC91	78 312	1518	41.1747	-22.0178	4154	4067	12	45142	-133	6
DISC91	78 312	1524	41.1683	-22.0013	4124	4036	12	45174	-96	9

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 312	1530	41.1620	-21.9847	4103	4016	12	45214	-53	12
DISC91	78 312	1536	41.1555	-21.9683	4103	4016	12	45242	-20	15
DISC91	78 312	1542	41.1485	-21.9525	4088	4001	12	45240	-18	16
DISC91	78 312	1548	41.1417	-21.9367	4052	3965	12	45216	-37	17
DISC91	78 312	1554	41.1348	-21.9205	4031	3945	12	45186	-63	20
DISC91	78 312	16 0	41.1283	-21.9043	3672	3590	12	45160	-85	22
DISC91	78 312	16 6	41.1215	-21.8878	3498	3418	12	45140	-100	23
DISC91	78 312	1612	41.1148	-21.8713	3498	3418	12	45122	-114	23
DISC91	78 312	1618	41.1082	-21.8552	3662	3579	12	45110	-121	24
DISC91	78 312	1624	41.1017	-21.8388	3708	3625	12	45104	-123	23
DISC91	78 312	1630	41.0950	-21.8225	3724	3639	12	45098	-125	23
DISC91	78 312	1636	41.0885	-21.8062	3749	3665	12	45086	-132	23
DISC91	78 312	1642	41.0820	-21.7897	3754	3670	12	45068	-146	22
DISC91	78 312	1648	41.0752	-21.7728	3765	3681	12	45052	-157	22
DISC91	78 312	1654	41.0682	-21.7567	3749	3665	12	45050	-155	23
DISC91	78 312	17 0	41.0610	-21.7407	3734	3650	12	45070	-130	23
DISC91	78 312	17 6	41.0542	-21.7247	3631	3550	12	45122	-74	25
DISC91	78 312	1712	41.0472	-21.7087	3616	3533	12	45194	2	24
DISC91	78 312	1718	41.0400	-21.6922	3590	3508	12	45244	56	27
DISC91	78 312	1724	41.0330	-21.6760	3549	3467	12	45234	51	27
DISC91	78 312	1730	41.0260	-21.6600	3529	3447	12	45170	-8	27
DISC91	78 312	1736	41.0192	-21.6440	3544	3464	12	45100	-73	27
DISC91	78 312	1742	41.0122	-21.6278	3621	3539	12	45076	-93	27
DISC91	78 312	1748	41.0052	-21.6117	3636	3553	12	45098	-66	25
DISC91	78 312	1754	40.9982	-21.5955	3631	3550	12	45128	-32	25
DISC91	78 312	18 0	40.9912	-21.5793	3580	3498	12	45136	-19	25
DISC91	78 312	18 6	40.9842	-21.5633	3554	3473	12	45110	-40	24
DISC91	78 312	1812	40.9772	-21.5473	3590	3508	12	45058	-88	24
DISC91	78 312	1818	40.9702	-21.5312	3570	3488	12	44994	-147	25
DISC91	78 312	1824	40.9632	-21.5152	3565	3484	12	44942	-195	26
DISC91	78 312	1830	40.9562	-21.4992	3513	3433	12	44912	-220	27
DISC91	78 312	1836	40.9492	-21.4830	3457	3378	12	44896	-231	30
DISC91	78 312	1842	40.9422	-21.4670	3416	3336	12	44882	-241	34
DISC91	78 312	1848	40.9352	-21.4510	3359	3281	12	44870	-248	39
DISC91	78 312	1854	40.9282	-21.4350	3159	3083	12	44894	-220	44
DISC91	78 312	19 0	40.9213	-21.4190	2924	2853	12	44952	-157	50
DISC91	78 312	19 6	40.9143	-21.4030	2431	2372	12	45020	-65	55
DISC91	78 312	1912	40.9072	-21.3868	2508	2447	12	45126	25	57
DISC91	78 312	1918	40.9005	-21.3708	2580	2516	12	45198	101	57
DISC91	78 312	1924	40.8935	-21.3547	2677	2612	12	45230	138	54
DISC91	78 312	1930	40.8863	-21.3388	2949	2879	12	45196	109	50
DISC91	78 312	1936	40.8792	-21.3228	3129	3054	12	45132	49	46
DISC91	78 312	1942	40.8720	-21.3066	3206	3129	12	45076	-1	41
DISC91	78 312	1948	40.8650	-21.2907	3359	3281	12	45016	-57	37
DISC91	78 312	1954	40.8580	-21.2745	3447	3367	12	44946	-122	33
DISC91	78 312	20 0	40.8510	-21.2583	3524	3442	12	44870	-193	31
DISC91	78 312	20 6	40.8440	-21.2423	3513	3433	12	44816	-243	29
DISC91	78 312	2012	40.8370	-21.2262	3534	3453	12	44778	-276	28
DISC91	78 312	2018	40.8293	-21.2112				44748	-302	28
DISC91	78 312	2024	40.8222	-21.1948	3559	3478	12	44718	-327	28
DISC91	78 312	2030	40.8150	-21.1787	3554	3473	12	44690	-350	28
DISC91	78 312	2036	40.8083	-21.1622	3411	3332	12	44672	-364	29
DISC91	78 312	2042	40.8017	-21.1457	3390	3312	12	44688	-343	28
DISC91	78 312	2048	40.7950	-21.1290	3488	3407	12	44748	-279	28
DISC91	78 312	2054	40.7883	-21.1125	3662	3579	12	44838	-184	28
DISC91	78 312	21 0	40.7817	-21.0962	3780	3696	12	44918	-100	26
DISC91	78 312	21 6	40.7750	-21.0798	3759	3676	12	44982	-31	26
DISC91	78 312	2112	40.7683	-21.0633	3801	3716	12	45022	12	25
DISC91	78 312	2118	40.7617	-21.0470	3652	3570	12	45050	44	23
DISC91	78 312	2124	40.7550	-21.0307	3780	3696	12	45070	69	23
DISC91	78 312	2130	40.7483	-21.0142	3949	3864	12	45088	91	21
DISC91	78 312	2136	40.7417	-20.9977	4103	4016	12	45102	110	20
DISC91	78 312	2142	40.7350	-20.9813	4129	4042	12	45102	115	16
DISC91	78 312	2148	40.7285	-20.9650	4308	4221	12	45088	105	15
DISC91	78 312	2154	40.7218	-20.9487	4339	4252	12	45070	91	13
DISC91	78 312	22 0	40.7150	-20.9320	4349	4261	12	45050	76	11
DISC91	78 312	22 6	40.7082	-20.9158	4359	4272	12	45030	60	9
DISC91	78 312	2212	40.7013	-20.8997	4365	4278	12	45010	44	9
DISC91	78 312	2218	40.6943	-20.8835	4411	4323	12	44992	31	10
DISC91	78 312	2224	40.6875	-20.8673	4431	4343	12	44978	21	10
DISC91	78 312	2230	40.6805	-20.8511	4455	4364	12	44970	18	10
DISC91	78 312	2236	40.6735	-20.8348	4475	4384	12	44958	10	13
DISC91	78 312	2242	40.6665	-20.8182	4467	4380	12	44940	-3	14
DISC91	78 312	2248	40.6597	-20.8017	4477	4389	12	44912	-26	15
DISC91	78 312	2254	40.6527	-20.7852	4483	4395	12	44888	-46	18
DISC91	78 312	23 0	40.6458	-20.7687	4483	4395	12	44872	-57	20
DISC91	78 312	23 6	40.6390	-20.7523	4472	4384	12	44872	-53	22
DISC91	78 312	2312	40.6320	-20.7357	4124	4036	12	44884	-36	24
DISC91	78 312	2318	40.6250	-20.7190	4293	4206	12	44908	-8	26
DISC91	78 312	2324	40.6180	-20.7025	4436	4349	12	44944	32	25
DISC91	78 312	2330	40.6112	-20.6858	4431	4343	12	44970	62	26
DISC91	78 312	2336	40.6042	-20.6692	4431	4343	12	44972	68	26
DISC91	78 312	2342	40.5972	-20.6525	4411	4323	12	44948	49	28
DISC91	78 312	2348	40.5902	-20.6360	4395	4307	12	44912	17	31
DISC91	78 312	2354	40.5832	-20.6193	4190	4104	12	44870	-19	33
DISC91 72	78 313	0 0	40.5763	-20.6027	4021	3936	12	44832	-53	34
DISC91	78 313	0 6	40.5693	-20.5863	4057	3970	12	44802	-78	35
DISC91	78 313	012	40.5622	-20.5700	4110	4023	12	44774	-102	34
DISC91	78 313	018	40.5550	-20.5535	4129	4042	12	44758	-113	32
DISC91	78 313	024	40.5480	-20.5378	4226	4139	12	44744	-123	30
DISC91	78 313	030	40.5413	-20.5220	4298	4210	12	44734	-128	27
DISC91	78 313	036	40.5347	-20.5062	4354	4267	12	44728	-130	24
DISC91	78 313	042	40.5280	-20.4903	4411	4323	12	44722	-132	22

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	72 78 313	048	40.5213	-20.4743	4503	4415	12	44718	-132	19
DISC91	78 313	054	40.5147	-20.4587	4524	4437	12	44720	-125	17
DISC91	78 313	1 0	40.5080	-20.4427	4524	4437	12	44724	-117	14
DISC91	78 313	1 6	40.5013	-20.4270	4493	4406	12	44722	-115	13
DISC91	78 313	112	40.4947	-20.4115	4452	4364	12	44714	-119	12
DISC91	78 313	118	40.4878	-20.3960	4488	4400	12	44706	-122	10
DISC91	78 313	124	40.4810	-20.3805	4534	4446	12	44698	-126	8
DISC91	78 313	130	40.4745	-20.3652	4559	4471	12	44684	-136	6
DISC91	78 313	136	40.4677	-20.3497	4718	4631	12	44660	-156	5
DISC91	78 313	142	40.4608	-20.3342	4801	4713	12	44634	-177	1
DISC91	78 313	148	40.4540	-20.3187	4903	4817	12	44618	-189	-2
DISC91	78 313	154	40.4472	-20.3033	4926	4839	12	44616	-187	-4
DISC91	78 313	2 0	40.4403	-20.2882	4959	4874	12	44616	-182	-5
DISC91	78 313	2 6	40.4332	-20.2728	4980	4894	12	44620	-174	-8
DISC91	78 313	212	40.4248	-20.2587	5011	4925	12	44628	-161	-10
DISC91	78 313	218	40.4130	-20.2498	5016	4930	12	44634	-149	-11
DISC91	78 313	224	40.3995	-20.2488	5028	4943	12	44640	-137	-10
DISC91	78 313	230	40.3862	-20.2517	5026	4941	12	44646	-125	-8
DISC91	78 313	236	40.3727	-20.2545	4913	4828	12	44648	-118	-6
DISC91	78 313	242	40.3593	-20.2572	4831	4744	12	44644	-116	-4
DISC91	78 313	248	40.3462	-20.2600	4821	4735	12	44636	-119	-2
DISC91	78 313	254	40.3327	-20.2627	4790	4704	12	44626	-123	-1
DISC91	78 313	3 0	40.3192	-20.2665	4759	4673	12	44616	-127	0
DISC91	78 313	3 6	40.3057	-20.2707	4734	4647	12	44610	-128	1
DISC91	78 313	312	40.2923	-20.2745	4724	4636	12	44606	-126	2
DISC91	78 313	318	40.2790	-20.2783	4731	4643	12	44602	-125	3
DISC91	78 313	324	40.2655	-20.2827	4724	4636	12	44602	-119	3
DISC91	78 313	330	40.2520	-20.2867	4726	4638	12	44600	-116	3
DISC91	78 313	336	40.2385	-20.2907	4744	4656	12	44600	-110	3
DISC91	78 313	342	40.2252	-20.2948	4765	4678	12	44600	-105	3
DISC91	78 313	348	40.2120	-20.2988	4821	4735	12	44600	-99	2
DISC91	78 313	354	40.1988	-20.3032	4827	4740	12	44600	-94	1
DISC91	78 313	4 0	40.1853	-20.3075	4836	4749	12	44600	-88	0
DISC91	78 313	4 6	40.1722	-20.3117	4836	4749	12	44598	-85	1
DISC91	78 313	412	40.1588	-20.3158	4826	4740	12	44596	-81	1
DISC91	78 313	418	40.1455	-20.3207	4816	4729	12	44594	-78	2
DISC91	78 313	424	40.1337	-20.3248	4797	4711	12	44590	-77	3
DISC91	78 313	430	40.1212	-20.3292	4775	4687	12	44588	-74	2
DISC91	78 313	436	40.1090	-20.3335	4764	4676	12	44584	-73	2
DISC91	78 313	442	40.0967	-20.3380	4734	4647	12	44576	-76	3
DISC91	78 313	448	40.0845	-20.3423	4801	4713	12	44570	-77	2
DISC91	78 313	454	40.0720	-20.3467	4827	4740	12	44564	-78	1
DISC91	78 313	5 0	40.0595	-20.3512	4856	4770	12	44560	-77	-1
DISC91	78 313	5 6	40.0478	-20.3583	4898	4812	12	44554	-78	-4
DISC91	78 313	512	40.0413	-20.3718	5001	4916	12	44546	-85	-5
DISC91	78 313	518	40.0427	-20.3887	4851	4764	12	44540	-93	-5
DISC91	78 313	524	40.0490	-20.4043	4743	4656	12	44538	-99	-4
DISC91	78 313	530	40.0557	-20.4197	4723	4636	12	44532	-109	-3
DISC91	78 313	536	40.0620	-20.4347	4691	4603	12	44534	-111	-0
DISC91	78 313	542	40.0688	-20.4493	4646	4557	12	44538	-111	0
DISC91	78 313	548	40.0750	-20.4627	4595	4508	12	44544	-109	2
DISC91	78 313	554	40.0812	-20.4762	4606	4517	12	44550	-107	3
DISC91	78 313	6 0	40.0875	-20.4887	4724	4636	12	44556	-105	4
DISC91	78 313	6 6	40.0933	-20.5012	4754	4667	12	44562	-102	3
DISC91	78 313	612	40.0995	-20.5145	4730	4643	12	44568	-100	5
DISC91	78 313	618	40.1058	-20.5275	4724	4636	12	44568	-104	6
DISC91	78 313	624	40.1120	-20.5410	4693	4605	12	44566	-110	7
DISC91	78 313	630	40.1182	-20.5538	4703	4616	12	44562	-118	8
DISC91	78 313	636	40.1242	-20.5662	4688	4599	12	44560	-123	9
DISC91	78 313	642	40.1303	-20.5785	4765	4678	12	44556	-131	8
DISC91	78 313	648	40.1363	-20.5903	4754	4667	12	44556	-135	12
DISC91	78 313	654	40.1425	-20.6022	4708	4621	12	44554	-141	15
DISC91	78 313	7 0	40.1487	-20.6147	4686	4598	12	44556	-142	18
DISC91	78 313	7 6	40.1548	-20.6270	4462	4374	12	44556	-146	19
DISC91	78 313	712	40.1612	-20.6397	4375	4287	12	44554	-152	22
DISC91	78 313	718	40.1673	-20.6517	4252	4164	12	44552	-158	23
DISC91	78 313	724	40.1735	-20.6640	4219	4131	12	44548	-165	26
DISC91	78 313	730	40.1795	-20.6760	4162	4075	12	44548	-169	29
DISC91	78 313	736	40.1857	-20.6883	4134	4047	12	44548	-173	31
DISC91	78 313	742	40.1920	-20.7007	4081	3994	12	44558	-167	30
DISC91	78 313	748	40.1983	-20.7125	4047	3961	12	44570	-158	32
DISC91	78 313	754	40.2043	-20.7247	4016	3930	12	44586	-146	32
DISC91	78 313	8 0	40.2105	-20.7368	3996	3910	12	44606	-130	33
DISC91	78 313	8 6	40.2162	-20.7483	4077	3990	12	44628	-111	33
DISC91	78 313	812	40.2222	-20.7605	4129	4042	12	44648	-95	33
DISC91	78 313	818	40.2283	-20.7718	4111	4025	12	44670	-77	34
DISC91	78 313	824	40.2342	-20.7822	4118	4033	12	44696	-54	32
DISC91	78 313	830	40.2402	-20.7935	4165	4078	12	44726	-28	31
DISC91	78 313	836	40.2457	-20.8047	4313	4226	12	44748	-9	32
DISC91	78 313	842	40.2508	-20.8160	4333	4245	12	44762	1	29
DISC91	78 313	848	40.2560	-20.8270	4336	4248	12	44764	0	27
DISC91	78 313	854	40.2610	-20.8385	4328	4241	12	44756	-11	27
DISC91	78 313	9 0	40.2665	-20.8510	4324	4236	12	44738	-32	28
DISC91	78 313	9 6	40.2717	-20.8638	4318	4230	12	44714	-59	29
DISC91	78 313	912	40.2770	-20.8763	4296	4208	12	44694	-83	30
DISC91	78 313	918	40.2825	-20.8887	4285	4197	12	44682	-98	32
DISC91	78 313	924	40.2878	-20.9012	4226	4139	12	44678	-106	35
DISC91	78 313	930	40.2932	-20.9135	3892	3808	12	44684	-103	38
DISC91	78 313	936	40.2987	-20.9248	4039	3954	12	44692	-98	36
DISC91	78 313	942	40.3035	-20.9362	4077	3990	12	44698	-95	37
DISC91	78 313	948	40.3083	-20.9485	4082	3996	12	44704	-93	37
DISC91	78 313	954	40.3132	-20.9613	4096	4009	12	44704	-96	38
DISC91	78 313	10 0	40.3182	-20.9737	4103	4016	12	44706	-97	36

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 313	10 6	40.3232	-20.9855	4062	3976	12	44714	-92	34
DISC91	78 313	1012	40.3280	-20.9972	4006	3919	12	44726	-83	34
DISC91	78 313	1018	40.3327	-21.0092	4199	4113	12	44744	-68	33
DISC91	78 313	1024	40.3373	-21.0218	4237	4150	12	44772	-44	31
DISC91	78 313	1030	40.3422	-21.0342	4244	4157	12	44802	-17	31
DISC91	78 313	1036	40.3470	-21.0460	4199	4113	12	44836	13	31
DISC91	78 313	1042	40.3517	-21.0572	4172	4086	12	44868	42	30
DISC91	78 313	1048	40.3565	-21.0690	4139	4053	12	44890	61	29
DISC91	78 313	1054	40.3612	-21.0820	4024	3937	12	44894	61	29
DISC91	78 313	11 0	40.3660	-21.0937	4038	3952	12	44880	44	27
DISC91	78 313	11 6	40.3707	-21.1055	4037	3952	12	44852	13	26
DISC91	78 313	1112	40.3753	-21.1180	4038	3952	12	44820	-21	26
DISC91	78 313	1118	40.3800	-21.1305	4026	3939	12	44786	-58	25
DISC91	78 313	1124	40.3847	-21.1432	4303	4215	12	44758	-90	20
DISC91	78 313	1130	40.3895	-21.1562	4118	4033	12	44734	-117	19
DISC91	78 313	1136	40.3942	-21.1678	4503	4415	12	44716	-138	17
DISC91	78 313	1142	40.3987	-21.1802	4518	4431	12	44702	-155	14
DISC91	78 313	1148	40.4033	-21.1915	4530	4442	12	44698	-162	11
DISC91	78 313	1154	40.4078	-21.2037	4534	4446	12	44700	-163	8
DISC91	78 313	12 0	40.4123	-21.2163	4539	4451	12	44706	-161	7
DISC91	78 313	12 6	40.4172	-21.2295	4539	4451	12	44722	-148	5
DISC91	78 313	1212	40.4215	-21.2412	4539	4451	12	44740	-133	5
DISC91	78 313	1218	40.4260	-21.2528	4503	4415	12	44758	-118	4
DISC91	78 313	1224	40.4305	-21.2647	4442	4354	12	44776	-103	5
DISC91	78 313	1230	40.4348	-21.2773	4426	4338	12	44788	-94	5
DISC91	78 313	1236	40.4393	-21.2905	4431	4343	12	44792	-93	6
DISC91	78 313	1242	40.4435	-21.3035	4426	4338	12	44792	-96	6
DISC91	78 313	1248	40.4478	-21.3160	4390	4303	12	44790	-101	8
DISC91	78 313	1254	40.4522	-21.3283	4344	4256	12	44790	-105	8
DISC91	78 313	13 0	40.4565	-21.3408	4339	4252	12	44788	-110	9
DISC91	78 313	13 6	40.4608	-21.3528	4349	4261	12	44790	-113	9
DISC91	78 313	1312	40.4645	-21.3663	4324	4236	12	44790	-113	8
DISC91	78 313	1318	40.4682	-21.3793	4354	4267	12	44788	-118	8
DISC91	78 313	1324	40.4720	-21.3937	4283	4195	12	44792	-117	10
DISC91	78 313	1330	40.4755	-21.4072	4257	4170	12	44802	-110	9
DISC91	78 313	1336	40.4790	-21.4208	4257	4170	12	44814	-101	10
DISC91	78 313	1342	40.4825	-21.4347	4257	4170	12	44822	-96	11
DISC91	78 313	1348	40.4860	-21.4490	4257	4170	12	44830	-91	12
DISC91	78 313	1354	40.4897	-21.4627	4272	4184	12	44836	-88	11
DISC91	78 313	14 0	40.4932	-21.4765	4283	4195	12	44840	-86	11
DISC91	78 313	14 6	40.4965	-21.4897	4288	4201	12	44840	-89	11
DISC91	78 313	1412	40.5000	-21.5037	4308	4221	12	44834	-98	12
DISC91	78 313	1418	40.5037	-21.5177	4298	4210	12	44822	-113	12
DISC91	78 313	1424	40.5072	-21.5310	4283	4195	12	44806	-132	11
DISC91	78 313	1430	40.5105	-21.5445	4262	4175	12	44786	-154	13
DISC91	78 313	1436	40.5138	-21.5577	4257	4170	12	44774	-169	12
DISC91	78 313	1442	40.5173	-21.5715	4216	4129	12	44768	-178	14
DISC91	78 313	1448	40.5211	-21.5860	4195	4107	12	44778	-171	15
DISC91	78 313	1454	40.5247	-21.6002	4201	4113	12	44802	-150	16
DISC91	78 313	15 0	40.5282	-21.6135	4190	4104	12	44832	-122	18
DISC91	78 313	15 6	40.5317	-21.6277	4195	4107	12	44870	-87	21
DISC91	78 313	1512	40.5350	-21.6408	4103	4016	12	44908	-52	24
DISC91	78 313	1518	40.5385	-21.6538	4062	3976	12	44950	-13	24
DISC91	78 313	1524	40.5420	-21.6677	4088	4001	12	44990	23	27
DISC91	78 313	1530	40.5453	-21.6808	3949	3864	12	45018	49	28
DISC91	78 313	1536	40.5488	-21.6942	3806	3725	12	45036	64	28
DISC91	78 313	1542	40.5522	-21.7085	3867	3785	12	45032	57	31
DISC91	78 313	1548	40.5555	-21.7218	3867	3782	12	45014	36	30
DISC91	78 313	1554	40.5587	-21.7347	3785	3701	12	44986	-6	29
DISC91	78 313	16 0	40.5620	-21.7482	3888	3802	12	44956	-54	28
DISC91	78 313	16 6	40.5652	-21.7615	3908	3822	12	44930	-84	26
DISC91	78 313	1612	40.5683	-21.7748	3888	3802	12	44906	-104	25
DISC91	78 313	1618	40.5718	-21.7890	4113	4027	12	44886	-121	21
DISC91	78 313	1624	40.5752	-21.8028	4159	4073	12	44872	-138	18
DISC91	78 313	1630	40.5790	-21.8163	4242	4155	12	44858	-144	16
DISC91	78 313	1636	40.5860	-21.8280	4262	4175	12	44856	-144	12
DISC91	78 313	1642	40.5930	-21.8392	4272	4184	12	44858	-146	11
DISC91	78 313	1648	40.6000	-21.8498	4272	4184	12	44864	-144	10
DISC91	78 313	1654	40.6068	-21.8607	4267	4181	12	44872	-140	8
DISC91	78 313	17 0	40.6138	-21.8722	4262	4175	12	44882	-134	8
DISC91	78 313	17 6	40.6208	-21.8833	4267	4181	12	44888	-132	7
DISC91	78 313	1712	40.6282	-21.8945	4247	4159	12	44896	-129	10
DISC91	78 313	1718	40.6355	-21.9062	4195	4107	12	44898	-131	9
DISC91	78 313	1724	40.6427	-21.9178	4180	4093	12	44900	-133	12
DISC91	78 313	1730	40.6498	-21.9288	4159	4073	12	44906	-131	13
DISC91	78 313	1736	40.6572	-21.9407	4124	4036	12	44914	-128	14
DISC91	78 313	1742	40.6647	-21.9532	4093	4007	12	44932	-114	15
DISC91	78 313	1748	40.6720	-21.9650	4072	3985	12	44958	-92	16
DISC91	78 313	1754	40.6792	-21.9770	4053	3996	12	44992	-63	16
DISC91	78 313	18 0	40.6865	-21.9883	4083	3996	12	45032	-27	19
DISC91	78 313	18 6	40.6938	-21.9992	4053	3965	12	45062	-1	19
DISC91	78 313	1812	40.6992	-22.0105	4031	3945	12	45096	28	21
DISC91	78 313	1818	40.7057	-22.0217	3990	3904	12	45118	46	21
DISC91	78 313	1824	40.7125	-22.0337	3867	3782	12	45134	58	24
DISC91	78 313	1830	40.7197	-22.0453	3826	3742	12	45142	62	21
DISC91	78 313	1836	40.7267	-22.0570	3826	3742	12	45134	49	23
DISC91	78 313	1842	40.7342	-22.0692	3847	3762	12	45108	19	21
DISC91	78 313	1848	40.7415	-22.0808	3852	3767	12	45076	-17	18
DISC91	78 313	1854	40.7488	-22.0923	4036	3950	12	45052	-45	16
DISC91	78 313	19 0	40.7558	-22.1037	4236	4150	12	45030	-71	14
DISC91	78 313	19 6	40.7627	-22.1153	4247	4159	12	45006	-100	12
DISC91	78 313	1912	40.7698	-22.1270	4262	4175	12	44978	-132	11
DISC91	78 313	1918	40.7773	-22.1385	4272	4184	12	44958	-156	7

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	72	78 313	1924	40.7848	-21.1498	4267	4181	12	44954	-165	7
DISC91		78 313	1930	40.7925	-21.1613	4265	4175	12	44966	-157	5
DISC91		78 313	1936	40.8003	-21.1737	4252	4164	12	44988	-140	3
DISC91		78 313	1942	40.8085	-21.1867	4226	4139	12	45026	-107	3
DISC91		78 313	1948	40.8163	-21.1993	4195	4107	12	45066	-72	3
DISC91		78 313	1954	40.8242	-21.2118	4006	3919	12	45102	-40	4
DISC91		78 313	20 0	40.8318	-21.2242	4006	3919	12	45130	-17	8
DISC91		78 313	20 6	40.8395	-21.2353	3898	3813	12	45136	-16	10
DISC91		78 313	2012	40.8468	-21.2465	4021	3936	12	45134	-22	7
DISC91		78 313	2018	40.8485	-21.2603	4103	4016	12	45134	-24	7
DISC91		78 313	2024	40.8455	-21.2758	4170	4082	12	45134	-24	7
DISC91		78 313	2030	40.8380	-21.2890	4298	4210	12	45130	-26	14
DISC91		78 313	2036	40.8263	-21.2975	3883	3798	12	45126	-26	18
DISC91		78 313	2042	40.8132	-21.3022	3862	3776	12	45114	-33	13
DISC91		78 313	2048	40.8042	-21.3152	3908	3822	12	45094	-50	13
DISC91		78 313	2054	40.8008	-21.3318	4042	3956	12	45066	-78	13
DISC91		78 313	21 0	40.8030	-21.3487	4124	4036	12	45036	-111	12
DISC91		78 313	21 6	40.8085	-21.3632	4231	4144	12	45008	-143	
DISC91		78 313	2112	40.8143	-21.3777	4216	4129	12	44992	-163	11
DISC91		78 313	2118	40.8198	-21.3920	4211	4124	12	44984	-175	16
DISC91		78 313	2124	40.8247	-21.4042	4154	4067	12	44988	-174	16
DISC91		78 313	2130	40.8303	-21.4175	3944	3859	12	45002	-164	17
DISC91		78 313	2136	40.8358	-21.4312	3918	3833	12	45018	-152	18
DISC91		78 313	2142	40.8413	-21.4448	3908	3822	12	45036	-137	18
DISC91		78 313	2148	40.8467	-21.4583	3908	3822	12	45048	-129	19
DISC91		78 313	2154	40.8522	-21.4723	3862	3776	12	45064	-117	19
DISC91		78 313	22 0	40.8575	-21.4858	3847	3762	12	45076	-109	18
DISC91		78 313	22 6	40.8622	-21.4983	3903	3819	12	45078	-110	20
DISC91		78 313	2212	40.8673	-21.5120	3924	3839	12	45088	-104	21
DISC91		78 313	2218	40.8722	-21.5253	3980	3894	12	45092	-103	22
DISC91		78 313	2224	40.8772	-21.5390	4001	3915	12	45104	-95	23
DISC91		78 313	2230	40.8817	-21.5510	3929	3844	12	45126	-76	21
DISC91		78 313	2236	40.8837	-21.5635	3816	3731	12	45154	-50	28
DISC91		78 313	2242	40.8818	-21.5767	3677	3595	12	45184	-21	29
DISC91		78 313	2248	40.8768	-21.5902	3857	3773	12	45210	5	38
DISC91		78 313	2254	40.8683	-21.6003	3918	3833	12	45216	14	36
DISC91		78 313	23 0	40.8567	-21.6045	3877	3793	12	45208	11	36
DISC91		78 313	23 6	40.8452	-21.6048	3754	3670	12	45186	-5	36
DISC91		78 313	2312	40.8322	-21.6052	3590	3508	12	45160	-26	38
DISC91		78 313	2318	40.8183	-21.6053	3601	3519	12	45150	-30	38
DISC91		78 313	2324	40.8050	-21.6058	3565	3484	12	45150	-24	40
DISC91		78 313	2330	40.7913	-21.6062	3565	3484	12	45148	-20	42
DISC91		78 313	2336	40.7780	-21.6058	3683	3599	12	45154	-8	41
DISC91		78 313	2342	40.7642	-21.6055	3724	3639	12	45152	-4	40
DISC91		78 313	2348	40.7505	-21.6052	3770	3685	12	45138	-12	40
DISC91		78 313	2354	40.7372	-21.6050	3770	3685	12	45114	-30	40
DISC91	73	78 314	0 0	40.7233	-21.6047	3780	3696	12	45092	-46	41
DISC91		78 314	0 6	40.7100	-21.6045	3826	3742	12	45068	-64	40
DISC91		78 314	012	40.6973	-21.6042	3806	3722	12	45050	-76	40
DISC91		78 314	018	40.6840	-21.6038	3826	3742	12	45038	-82	40
DISC91		78 314	024	40.6707	-21.6037	3836	3753	12	45032	-82	40
DISC91		78 314	030	40.6570	-21.6033	3831	3747	12	45024	-84	39
DISC91		78 314	036	40.6433	-21.6030	3867	3782	12	45014	-88	39
DISC91		78 314	042	40.6298	-21.6027	3888	3802	12	45008	-88	38
DISC91		78 314	048	40.6165	-21.6023	3929	3844	12	44994	-96	37
DISC91		78 314	054	40.6027	-21.6017	3949	3864	12	44988	-96	41
DISC91		78 314	1 0	40.5912	-21.5965	3980	3894	12	44964	-114	41
DISC91		78 314	1 6	40.5810	-21.5823	3949	3864	12	44926	-146	36
DISC91		78 314	112	40.5740	-21.5655	4006	3919	12	44888	-180	34
DISC91		78 314	118	40.5668	-21.5478	4108	4022	12	44856	-207	29
DISC91		78 314	124	40.5595	-21.5297	4149	4062	12	44824	-234	31
DISC91		78 314	130	40.5518	-21.5108	4154	4067	12	44824	-228	31
DISC91		78 314	136	40.5443	-21.4923	3877	3793	12	44852	-195	35
DISC91		78 314	142	40.5368	-21.4740	4149	4062	12	44904	-138	35
DISC91		78 314	148	40.5297	-21.4567	3672	3590	12	44976	-61	37
DISC91		78 314	154	40.5222	-21.4385	3795	3711	12	45058	25	34
DISC91		78 314	2 0	40.5153	-21.4215	3970	3884	12	45108	80	34
DISC91		78 314	2 6	40.5083	-21.4045	4011	3925	12	45114	91	33
DISC91		78 314	212	40.5012	-21.3872	4042	3956	12	45078	59	32
DISC91		78 314	218	40.4940	-21.3695	4083	3996	12	45026	12	32
DISC91		78 314	224	40.4868	-21.3523	4083	3996	12	44976	-32	30
DISC91		78 314	230	40.4800	-21.3357	4042	3956	12	44938	-65	28
DISC91		78 314	236	40.4728	-21.3180	4042	3956	12	44900	-98	30
DISC91		78 314	242	40.4660	-21.3012	4042	3956	12	44856	-137	26
DISC91		78 314	248	40.4593	-21.2852	4154	4067	12	44810	-179	29
DISC91		78 314	254	40.4523	-21.2682	4113	4027	12	44782	-202	26
DISC91		78 314	3 0	40.4455	-21.2517	4088	4001	12	44780	-199	28
DISC91		78 314	3 6	40.4387	-21.2352	4031	3945	12	44800	-175	29
DISC91		78 314	312	40.4315	-21.2177	3826	3742	12	44846	-124	27
DISC91		78 314	318	40.4243	-21.2003	4154	4067	12	44900	-65	28
DISC91		78 314	324	40.4160	-21.1812	4247	4159	12	44958	-1	25
DISC91		78 314	330	40.4080	-21.1628	4267	4181	12	45008	53	25
DISC91		78 314	336	40.3997	-21.1438	4324	4236	12	45030	81	23
DISC91		78 314	342	40.3920	-21.1260	4349	4261	12	45012	68	19
DISC91		78 314	348	40.3847	-21.1093	4334	4246	12	44950	11	22
DISC91		78 314	354	40.3770	-21.0918	4083	3996	12	44874	-59	30
DISC91		78 314	4 0	40.3690	-21.0745	3806	3722	12	44810	-118	32
DISC91		78 314	4 6	40.3612	-21.0573	3632	3550	12	44778	-145	38
DISC91		78 314	412	40.3527	-21.0387	3561	3478	12	44800	-117	42
DISC91		78 314	418	40.3445	-21.0205	3493	3413	12	44858	-53	40
DISC91		78 314	424	40.3362	-21.0027	3636	3553	12	44908	1	40
DISC91		78 314	430	40.3278	-21.9840	3847	3765	12	44932	30	34
DISC91		78 314	436	40.3195	-21.9658	4024	3937	12	44914	18	34

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 314	442	40.3112	-21.9473	4077	3990	12	44870	-20	30
DISC91	78 314	448	40.3032	-21.9295	4103	4016	12	44842	-43	22
DISC91	78 314	454	40.2952	-21.9117	4021	3936	12	44850	-30	25
DISC91	78 314	5 0	40.2872	-21.8933	3903	3819	12	44876	1	20
DISC91	78 314	5 6	40.2793	-21.8753	4464	4376	12	44906	36	14
DISC91	78 314	512	40.2720	-21.8585	4462	4374	12	44928	62	12
DISC91	78 314	518	40.2642	-21.8408	4416	4329	12	44938	78	11
DISC91	78 314	524	40.2563	-21.8233	4375	4287	12	44932	77	13
DISC91	78 314	530	40.2483	-21.8057	4249	4161	12	44910	60	10
DISC91	78 314	536	40.2407	-21.7885	4308	4221	12	44872	27	12
DISC91	78 314	542	40.2325	-21.7702	4350	4263	12	44838	1	14
DISC91	78 314	548	40.2240	-21.7513	4442	4354	12	44812	-21	13
DISC91	78 314	554	40.2157	-21.7330	4461	4373	12	44798	-30	8
DISC91	78 314	6 0	40.2077	-21.7152	4457	4369	12	44786	-37	7
DISC91	78 314	6 6	40.1998	-21.6982	4519	4431	12	44766	-52	4
DISC91	78 314	612	40.1918	-21.6805	4522	4433	12	44748	-65	6
DISC91	78 314	618	40.1837	-21.6620	4510	4422	12	44732	-75	5
DISC91	78 314	624	40.1755	-21.6443	4477	4389	12	44714	-88	6
DISC91	78 314	630	40.1673	-21.6260	4445	4356	12	44690	-107	4
DISC91	78 314	636	40.1590	-21.6083	4490	4402	12	44676	-116	1
DISC91	78 314	642	40.1513	-21.5907	4545	4457	12	44668	-119	3
DISC91	78 314	648	40.1435	-21.5728	4462	4374	12	44658	-123	-3
DISC91	78 314	654	40.1363	-21.5568	4571	4482	12	44646	-131	-0
DISC91	78 314	7 0	40.1285	-21.5387	4790	4704	12	44634	-138	-0
DISC91	78 314	7 6	40.1205	-21.5203	4820	4733	12	44628	-138	-4
DISC91	78 314	712	40.1127	-21.5022	4824	4737	12	44626	-135	-4
DISC91	78 314	718	40.1047	-21.4843	4828	4742	12	44616	-140	-7
DISC91	78 314	724	40.0970	-21.4672	4833	4746	12	44610	-141	-11
DISC91	78 314	730	40.0895	-21.4507	4831	4744	12	44594	-152	-10
DISC91	78 314	736	40.0817	-21.4338	4831	4744	12	44584	-157	-8
DISC91	78 314	742	40.0740	-21.4173	4827	4740	12	44578	-158	-8
DISC91	78 314	748	40.0662	-21.4000	4818	4731	12	44570	-161	-6
DISC91	78 314	754	40.0580	-21.3827	4811	4724	12	44558	-168	-6
DISC91	78 314	8 0	40.0500	-21.3650	4810	4722	12	44546	-175	-0
DISC91	78 314	8 6	40.0418	-21.3463	4803	4716	12	44546	-170	0
DISC91	78 314	812	40.0335	-21.3278	4798	4711	12	44560	-150	1
DISC91	78 314	818	40.0260	-21.3107	4790	4704	12	44572	-133	1
DISC91	78 314	824	40.0183	-21.2952	4762	4674	12	44586	-115	2
DISC91	78 314	830	40.0105	-21.2795	4660	4572	12	44594	-102	3
DISC91	78 314	836	40.0025	-21.2635	4626	4539	12	44610	-81	5
DISC91	78 314	842	39.9945	-21.2492	4544	4457	12	44638	-48	3
DISC91	78 314	848	39.9835	-21.2415	4508	4420	12	44682	0	10
DISC91	78 314	854	39.9712	-21.2403	4486	4398	12	44692	16	17
DISC91	78 314	9 0	39.9582	-21.2482	4476	4389	12	44674	3	23
DISC91	78 314	9 6	39.9477	-21.2593	4471	4384	12	44626	-40	26
DISC91	78 314	912	39.9375	-21.2717	4459	4371	12	44582	-81	33
DISC91	78 314	918	39.9262	-21.2858	4398	4310	12	44546	-113	32
DISC91	78 314	924	39.9163	-21.3000	4403	4314	12	44536	-120	27
DISC91	78 314	930	39.9068	-21.3137	3944	3859	12	44530	-123	26
DISC91	78 314	936	39.8967	-21.3282	4026	3939	12	44530	-119	25
DISC91	78 314	942	39.8868	-21.3422	4135	4049	12	44532	-114	26
DISC91	78 314	948	39.8780	-21.3557	4216	4129	12	44518	-125	27
DISC91	78 314	954	39.8693	-21.3688	4257	4170	12	44500	-141	25
DISC91	78 314	10 0	39.8607	-21.3822	4289	4201	12	44480	-158	22
DISC91	78 314	10 6	39.8518	-21.3953	4308	4221	12	44468	-167	19
DISC91	78 314	1012	39.8430	-21.4087	4324	4236	12	44464	-168	21
DISC91	78 314	1018	39.8345	-21.4212	4402	4314	12	44466	-164	17
DISC91	78 314	1024	39.8252	-21.4340	4513	4426	12	44470	-157	18
DISC91	78 314	1030	39.8167	-21.4458	4527	4438	12	44474	-150	15
DISC91	78 314	1036	39.8077	-21.4583	4537	4449	12	44478	-143	14
DISC91	78 314	1042	39.7990	-21.4705	4543	4455	12	44484	-134	11
DISC91	78 314	1048	39.7893	-21.4840	4534	4446	12	44492	-123	11
DISC91	78 314	1054	39.7795	-21.4975	4581	4493	12	44498	-114	10
DISC91	78 314	11 0	39.7692	-21.5118	4708	4621	12	44502	-107	7
DISC91	78 314	11 6	39.7583	-21.5267	4686	4598	12	44500	-105	7
DISC91	78 314	1118	39.7478	-21.5412	4595	4508	12	44498	-104	10
DISC91	78 314	1124	39.7290	-21.5675	4549	4462	12	44500	-96	16
DISC91	78 314	1130	39.7197	-21.5815	4525	4437	12	44490	-103	16
DISC91	78 314	1136	39.7093	-21.5957	4477	4389	12	44478	-111	19
DISC91	78 314	1142	39.7000	-21.6097	4113	4027	12	44468	-118	21
DISC91	78 314	1148	39.6903	-21.6237	4107	4020	12	44460	-123	19
DISC91	78 314	1154	39.6803	-21.6383	4247	4159	12	44460	-120	20
DISC91	78 314	12 0	39.6703	-21.6528	4318	4230	12	44460	-117	24
DISC91	78 314	12 6	39.6612	-21.6665	4339	4252	12	44462	-112	22
DISC91	78 314	1212	39.6515	-21.6808	4370	4281	12	44460	-111	19
DISC91	78 314	1218	39.6418	-21.6953	4370	4281	12	44466	-102	21
DISC91	78 314	1224	39.6322	-21.7102	4364	4276	12	44460	-105	21
DISC91	78 314	1230	39.6223	-21.7250	4344	4256	12	44460	-102	21
DISC91	78 314	1236	39.6125	-21.7398	4308	4221	12	44454	-105	23
DISC91	78 314	1242	39.6027	-21.7547	4267	4181	12	44450	-106	22
DISC91	78 314	1248	39.5928	-21.7697	4247	4159	12	44446	-107	25
DISC91	78 314	1254	39.5830	-21.7847	4031	3945	12	44444	-105	24
DISC91	78 314	13 0	39.5732	-21.7997	4031	3945	12	44438	-108	24
DISC91	78 314	13 6	39.5633	-21.8150	4118	4033	12	44432	-111	25
DISC91	78 314	1312	39.5540	-21.8298	4129	4042	12	44428	-113	25
DISC91	78 314	1318	39.5450	-21.8442	4313	4226	12	44426	-112	24
DISC91	78 314	1324	39.5370	-21.8570	4462	4374	12	44418	-117	22
DISC91	78 314	1330	39.5288	-21.8702	4483	4395	12	44416	-117	20
DISC91	78 314	1336	39.5208	-21.8830	4498	4411	12	44416	-114	16
DISC91	78 314	1342	39.5117	-21.8975	4508	4420	12	44412	-116	14
DISC91	78 314	1348	39.5027	-21.9117	4521	4433	12	44410	-115	12
DISC91	78 314	1354	39.4933	-21.9263	4531	4442	12	44410	-112	12

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	73 78 314	14 0	39.4842	-21.9407	4521	4433	12	44404	-115	9
DISC91	78 314	14 6	39.4750	-21.9553	4488	4400	12	44400	-116	11
DISC91	78 314	1412	39.4660	-21.9695	4472	4384	12	44394	-120	11
DISC91	78 314	1418	39.4565	-21.9847	4431	4343	12	44384	-127	10
DISC91	78 314	1424	39.4467	-21.9998	4380	4292	12	44364	-144	10
DISC91	78 314	1430	39.4367	-22.0153	4359	4272	12	44356	-149	10
DISC91	78 314	1436	39.4268	-22.0308	4298	4210	12	44344	-158	9
DISC91	78 314	1442	39.4170	-22.0463	4447	4358	12	44344	-155	9
DISC91	78 314	1448	39.4072	-22.0617	4452	4364	12	44352	-144	14
DISC91	78 314	1454	39.3987	-22.0752	4308	4221	12	44356	-137	13
DISC91	78 314	15 0	39.3902	-22.0888	4370	4281	12	44360	-131	12
DISC91	78 314	15 6	39.3803	-22.1042	4288	4201	12	44364	-124	10
DISC91	78 314	1512	39.3705	-22.1197	4201	4113	12	44374	-111	10
DISC91	78 314	1518	39.3618	-22.1348	4036	3950	12	44388	-95	10
DISC91	78 314	1524	39.3525	-22.1490	4308	4221	12	44410	-70	10
DISC91	78 314	1530	39.3437	-22.1622	4406	4318	12	44442	-35	10
DISC91	78 314	1536	39.3348	-22.1747	4503	4415	12	44472	-12	6
DISC91	78 314	1542	39.3258	-22.1877	4570	4482	12	44498	25	3
DISC91	78 314	1548	39.3165	-22.2010	4585	4497	12	44518	48	-1
DISC91	78 314	1554	39.3060	-22.2157	4606	4517	12	44534	68	
DISC91	78 314	16 0	39.2958	-22.2302	4611	4523	12	44544	81	
DISC91	78 314	16 6	39.2857	-22.2445	4611	4523	12	44546	86	-6
DISC91	78 314	1612	39.2750	-22.2595	4595	4508	12	44536	79	-7
DISC91	78 314	1618	39.2643	-22.2745	4575	4488	12	44510	57	-6
DISC91	78 314	1624	39.2540	-22.2893	4529	4440	12	44474	24	-5
DISC91	78 314	1630	39.2438	-22.3038	4513	4426	12	44442	-4	-5
DISC91	78 314	1636	39.2338	-22.3180	4513	4426	12	44416	-27	-9
DISC91	78 314	1642	39.2235	-22.3328	4667	4579	12	44402	-38	-9
DISC91	78 314	1648	39.2130	-22.3477	4672	4585	12	44398	-38	-11
DISC91	78 314	1654	39.2025	-22.3625	4683	4596	12	44396	-37	-10
DISC91	78 314	17 0	39.1922	-22.3772	4688	4599	12	44396	-34	-11
DISC91	78 314	17 6	39.1818	-22.3920	4688	4599	12	44392	-35	-11
DISC91	78 314	1712	39.1713	-22.4068	4688	4599	12	44392	-31	-11
DISC91	78 314	1718	39.1610	-22.4213	4688	4599	12	44394	-16	-9
DISC91	78 314	1724	39.1508	-22.4356	4686	4598	12	44394	-3	-9
DISC91	78 314	1730	39.1405	-22.4505	4681	4594	12	44402	12	-8
DISC91	78 314	1736	39.1305	-22.4648	4667	4579	12	44402	9	-10
DISC91	78 314	1742	39.1202	-22.4795	4666	4579	12	44392	-16	-7
DISC91	78 314	1748	39.1105	-22.4940	4665	4577	12	44382	-35	-3
DISC91	78 314	1754	39.1008	-22.5083	4672	4585	12	44370	-52	-3
DISC91	78 314	18 0	39.0913	-22.5223	4672	4585	12	44356	-53	1
DISC91	78 314	18 6	39.0820	-22.5365	4677	4590	12	44346	-50	2
DISC91	78 314	1812	39.0725	-22.5507	4672	4585	12	44330	-63	8
DISC91	78 314	1818	39.0630	-22.5647	4667	4579	12	44316	-74	12
DISC91	78 314	1824	39.0540	-22.5783	4616	4528	12	44310	-77	16
DISC91	78 314	1830	39.0447	-22.5922	4370	4281	12	44302	-83	20
DISC91	78 314	1836	39.0352	-22.6063	4134	4047	12	44294	-88	24
DISC91	78 314	1842	39.0258	-22.6203	3836	3753	12	44286	-93	30
DISC91	78 314	1848	39.0165	-22.6343	3662	3579	12	44286	-90	32
DISC91	78 314	1854	39.0070	-22.6485	3729	3645	12	44282	-91	36
DISC91	78 314	19 0	38.9977	-22.6623	3811	3727	12	44284	-86	35
DISC91	78 314	19 6	38.9883	-22.6762	3831	3747	12	44288	-79	33
DISC91	78 314	1912	38.9790	-22.6908	3883	3798	12	44288	-76	32
DISC91	78 314	1918	38.9695	-22.7055	4011	3925	12	44288	-73	30
DISC91	78 314	1924	38.9603	-22.7200	4021	3936	12	44280	-78	28
DISC91	78 314	1930	38.9510	-22.7343	4093	4007	12	44266	-89	28
DISC91	78 314	1936	38.9418	-22.7485	3929	3844	12	44238	-115	26
DISC91	78 314	1942	38.9325	-22.7628	3872	3787	12	44196	-154	25
DISC91	78 314	1948	38.9232	-22.7773	3883	3798	12	44148	-199	23
DISC91	78 314	1954	38.9140	-22.7918	3934	3848	12	44110	-247	22
DISC91	78 314	20 0	38.9047	-22.8062	3934	3848	12	44094	-247	20
DISC91	78 314	20 6	38.8955	-22.8205	3975	3890	12	44096	-242	19
DISC91	78 314	2012	38.8863	-22.8352	4042	3956	12	44124	-211	18
DISC91	78 314	2018	38.8773	-22.8497	4103	4016	12	44162	-171	14
DISC91	78 314	2024	38.8683	-22.8640	4108	4022	12	44200	-130	11
DISC91	78 314	2030	38.8595	-22.8788	4129	4042	12	44234	-93	10
DISC91	78 314	2036	38.8507	-22.8933	4113	4027	12	44246	-79	9
DISC91	78 314	2042	38.8418	-22.9080	4124	4036	12	44246	-76	6
DISC91	78 314	2048	38.8330	-22.9225	4139	4053	12	44242	-77	5
DISC91	78 314	2054	38.8243	-22.9375	4149	4062	12	44236	-81	5
DISC91	78 314	21 0	38.8157	-22.9520	4154	4067	12	44230	-84	7
DISC91	78 314	21 6	38.8070	-22.9663	4149	4062	12	44220	-91	7
DISC91	78 314	2112	38.7983	-22.9810	4144	4058	12	44224	-85	7
DISC91	78 314	2118	38.7895	-22.9958	4134	4047	12	44218	-88	7
DISC91	78 314	2124	38.7808	-23.0105	4124	4036	12	44216	-88	9
DISC91	78 314	2130	38.7722	-23.0247	4129	4042	12	44210	-92	11
DISC91	78 314	2136	38.7637	-23.0392	4139	4053	12	44212	-87	11
DISC91	78 314	2142	38.7553	-23.0532	4144	4058	12	44212	-85	13
DISC91	78 314	2148	38.7468	-23.0675	4144	4058	12	44202	-92	14
DISC91	78 314	2154	38.7385	-23.0815	4149	4062	12	44202	-90	15
DISC91	78 314	22 0	38.7303	-23.0952	4144	4058	12	44204	-86	15
DISC91	78 314	22 6	38.7218	-23.1090				44208	-79	16
DISC91	78 314	2212	38.7133	-23.1228	4134	4047	12	44206	-79	16
DISC91	78 314	2218	38.7048	-23.1367	4113	4027	12	44204	-78	17
DISC91	78 314	2224	38.6960	-23.1502	4083	3996	12	44198	-82	18
DISC91	78 314	2230	38.6870	-23.1643	4052	3965	12	44184	-93	15
DISC91	78 314	2236	38.6777	-23.1787	4098	4011	12	44174	-100	17
DISC91	78 314	2242	38.6683	-23.1927	3754	3670	12	44164	-107	18
DISC91	78 314	2248	38.6590	-23.2065	4001	3915	12	44158	-110	16
DISC91	78 314	2254	38.6497	-23.2205	3970	3884	12	44148	-118	17
DISC91	78 314	23 0	38.6405	-23.2345	3929	3844	12	44134	-129	16
DISC91	78 314	23 6	38.6312	-23.2483	3990	3904	12	44130	-130	14
DISC91	78 314	2312	38.6217	-23.2618	4006	3919	12	44136	-121	13

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 314	2318	38.6122	-23.2750	4016	3930	12	44150	-104	12
DISC91	78 314	2324	38.6027	-23.2885	4016	3930	12	44166	-85	11
DISC91	78 314	2330	38.5932	-23.3018	4006	3919	12	44188	-60	10
DISC91	78 314	2336	38.5837	-23.3152	3990	3904	12	44212	-33	12
DISC91	78 314	2342	38.5740	-23.3287	3980	3894	12	44230	-12	12
DISC91	78 314	2348	38.5645	-23.3422	3806	3722	12	44242	2	14
DISC91	78 314	2354	38.5548	-23.3553	3795	3711	12	44248	11	14
DISC91	74 78 315	0 0	38.5450	-23.3685	3785	3701	12	44246	12	14
DISC91	78 315	0 6	38.5352	-23.3817	3959	3873	12	44256	25	16
DISC91	78 315	012	38.5253	-23.3945	3949	3864	12	44268	41	15
DISC91	78 315	018	38.5155	-23.4077	3949	3864	12	44284	60	16
DISC91	78 315	024	38.5057	-23.4208	3939	3853	12	44290	69	18
DISC91	78 315	030	38.4957	-23.4338	3934	3848	12	44288	70	19
DISC91	78 315	036	38.4858	-23.4470	3929	3844	12	44278	63	21
DISC91	78 315	042	38.4758	-23.4603	3924	3839	12	44262	51	22
DISC91	78 315	048	38.4658	-23.4735	3918	3833	12	44238	30	26
DISC91	78 315	054	38.4563	-23.4862	3913	3828	12	44222	17	27
DISC91	78 315	1 0	38.4467	-23.4988	3893	3808	12	44202	0	29
DISC91	78 315	1 6	38.4372	-23.5115	3898	3813	12	44188	-10	32
DISC91	78 315	112	38.4282	-23.5233	3885	3800	12	44180	-15	33
DISC91	78 315	118	38.4188	-23.5358	3813	3729	12	44182	-10	33
DISC91	78 315	124	38.4098	-23.5480	3847	3762	12	44192	2	36
DISC91	78 315	130	38.4007	-23.5602	3842	3756	12	44206	19	34
DISC91	78 315	136	38.3918	-23.5722	3847	3762	12	44230	46	35
DISC91	78 315	142	38.3832	-23.5840	3847	3762	12	44250	69	37
DISC91	78 315	148	38.3748	-23.5958	3847	3762	12	44256	77	37
DISC91	78 315	154	38.3665	-23.6075	3849	3764	12	44272	96	37
DISC91	78 315	2 0	38.3572	-23.6202	3852	3767	12	44282	109	37
DISC91	78 315	2 6	38.3485	-23.6330	3838	3755	12	44284	114	38
DISC91	78 315	212	38.3395	-23.6457	3811	3727	12	44260	92	41
DISC91	78 315	218	38.3310	-23.6587	3570	3488	12	44230	65	43
DISC91	78 315	224	38.3223	-23.6715	3431	3352	12	44202	40	37
DISC91	78 315	230	38.3122	-23.6863	3729	3645	12	44174	15	35
DISC91	78 315	236	38.3020	-23.7012	3754	3670	12	44138	-17	35
DISC91	78 315	242	38.2918	-23.7158	3754	3670	12	44102	-50	36
DISC91	78 315	248	38.2817	-23.7305	3734	3650	12	44066	-83	34
DISC91	78 315	254	38.2717	-23.7453	3698	3616	12	44026	-120	34
DISC91	78 315	3 0	38.2615	-23.7602	3667	3584	12	43976	-167	36
DISC91	78 315	3 6	38.2513	-23.7748	3647	3564	12	43924	-215	35
DISC91	78 315	312	38.2413	-23.7892	3611	3530	12	43872	-264	35
DISC91	78 315	318	38.2312	-23.8035	3595	3513	12	43828	-305	35
DISC91	78 315	324	38.2212	-23.8177	3590	3508	12	43808	-325	34
DISC91	78 315	330	38.2113	-23.8315	3590	3508	12	43812	-325	34
DISC91	78 315	336	38.2017	-23.8453	3590	3508	12	43832	-292	34
DISC91	78 315	342	38.1920	-23.8590	3549	3467	12	43856	-265	32
DISC91	78 315	348	38.1823	-23.8727	3544	3464	12	43880	-238	32
DISC91	78 315	354	38.1727	-23.8865	3544	3464	12	43898	-217	32
DISC91	78 315	4 0	38.1630	-23.9003	3537	3456	12	43928	-184	32
DISC91	78 315	4 6	38.1535	-23.9138	3518	3438	12	43952	-157	32
DISC91	78 315	412	38.1447	-23.9270	3513	3433	12	43974	-132	34
DISC91	78 315	418	38.1353	-23.9397	3518	3438	12	43994	-109	34
DISC91	78 315	424	38.1262	-23.9522	3503	3422	12	44012	-88	34
DISC91	78 315	430	38.1168	-23.9647	3493	3413	12	44024	-73	34
DISC91	78 315	436	38.1077	-23.9773	3518	3438	12	44036	-58	37
DISC91	78 315	442	38.0983	-23.9900	3513	3433	12	44048	-43	37
DISC91	78 315	448	38.0890	-24.0027	3495	3414	12	44060	-28	37
DISC91	78 315	454	38.0798	-24.0153	3484	3403	12	44064	-21	39
DISC91	78 315	5 0	38.0705	-24.0280	3478	3398	12	44062	-20	38
DISC91	78 315	5 6	38.0613	-24.0407	3472	3392	12	44052	-27	38
DISC91	78 315	512	38.0520	-24.0535	3459	3380	12	44040	-36	37
DISC91	78 315	518	38.0428	-24.0662	3438	3360	12	44026	-48	38
DISC91	78 315	524	38.0335	-24.0788	3422	3343	12	44018	-53	36
DISC91	78 315	530	38.0238	-24.0920	3416	3336	12	44018	-50	35
DISC91	78 315	536	38.0145	-24.1048	3416	3336	12	44022	-43	35
DISC91	78 315	542	38.0053	-24.1178	3401	3321	12	44026	-36	35
DISC91	78 315	548	37.9965	-24.1310	3375	3295	12	44034	-26	35
DISC91	78 315	554	37.9872	-24.1442	3365	3286	12	44032	-25	34
DISC91	78 315	6 0	37.9780	-24.1573	3351	3274	12	44034	-20	34
DISC91	78 315	6 6	37.9688	-24.1703	3322	3244	12	44036	-12	34
DISC91	78 315	612	37.9595	-24.1835	3309	3231	12	44038	-5	34
DISC91	78 315	618	37.9502	-24.1968	3283	3206	12	44042	3	34
DISC91	78 315	624	37.9410	-24.2098	3262	3186	12	44044	5	34
DISC91	78 315	630	37.9318	-24.2230	3252	3175	12	44046	5	34
DISC91	78 315	636	37.9227	-24.2362	3236	3160	12	44032	-5	34
DISC91	78 315	642	37.9133	-24.2493	3216	3140	12	44018	-16	34
DISC91	78 315	648	37.9042	-24.2628	3190	3114	12	44004	-27	34
DISC91	78 315	654	37.8950	-24.2762	3167	3091	12	44000	-28	34
DISC91	78 315	7 0	37.8858	-24.2897	3159	3083	12	44002	-23	34
DISC91	78 315	7 6	37.8768	-24.3033	3136	3061	12	44008	-14	34
DISC91	78 315	712	37.8680	-24.3170	3114	3039	12	44012	-8	34
DISC91	78 315	718	37.8593	-24.3313	3077	3003	12	44004	-13	34
DISC91	78 315	724	37.8505	-24.3458	3052	2979	12	43982	-33	34
DISC91	78 315	730	37.8417	-24.3602	3027	2954	12	43952	-60	34
DISC91	78 315	736	37.8330	-24.3745	3001	2928	12	43928	-82	34
DISC91	78 315	742	37.8242	-24.3888	2975	2902	12	43918	-89	34
DISC91	78 315	748	37.8153	-24.4032	2940	2869	12	43914	-91	30
DISC91	78 315	754	37.8065	-24.4173	2889	2818	12	43906	-96	31
DISC91	78 315	8 0	37.7977	-24.4317	2856	2787	12	43886	-113	32
DISC91	78 315	8 6	37.7868	-24.4458	2801	2732	12	43854	-143	35
DISC91	78 315	812	37.7802	-24.4600	2718	2652	12	43810	-184	36
DISC91	78 315	818	37.7715	-24.4743	2683	2617	12	43770	-222	37
DISC91	78 315	824	37.7627	-24.4887	2611	2546	12	43752	-237	38
DISC91	78 315	830	37.7538	-24.5027	2547	2484	12	43756	-231	39

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	74	78 315	836	37.7447	-24 5165	2465	2405	12	43736	-248	40
DISC91		78 315	842	37.7353	-24 5302	2359	2301	12	43628	-353	42
DISC91		78 315	848	37.7260	-24 5440	2264	2207	12	43500	-478	42
DISC91		78 315	854	37.7172	-24 5582	2149	2096	12	43436	-539	43
DISC91		78 315	9 0	37.7082	-24 5727	1996	1948	12	43418	-555	46
DISC91		78 315	9 6	37.6995	-24 5868	1936	1887	12	43472	-498	47
DISC91		78 315	912	37.6907	-24 6012	1902	1854	12	43568	-400	48
DISC91		78 315	918	37.6818	-24 6153	1992	1942	12	43610	-355	46
DISC91		78 315	924	37.6728	-24 6297	2094	2043	12	43606	-356	43
DISC91		78 315	930	37.6640	-24 6440	2145	2092	12	43610	-350	43
DISC91		78 315	936	37.6552	-24 6582	2118	2067	12	43736	-221	39
DISC91		78 315	942	37.6463	-24 6723	1867	1821	12	43882	-73	34
DISC91		78 315	948	37.6375	-24 6868	2005	1955	12	44016	63	28
DISC91		78 315	954	37.6285	-24 7010	2167	2112	12	44064	114	18
DISC91		78 315	10 0	37.6195	-24 7153	2442	2381	12	44008	60	9
DISC91		78 315	10 6	37.6107	-24 7295	2816	2551	12	43956	11	0
DISC91		78 315	1012	37.6017	-24 7438	2576	2513	12	43926	-16	-7
DISC91		78 315	1018	37.5928	-24 7580	2686	2619	12	43904	-35	-11
DISC91		78 315	1024	37.5842	-24 7718	2703	2637	12	43892	-44	-17
DISC91		78 315	1030	37.5753	-24 7858	2761	2694	12	43876	-58	-22
DISC91		78 315	1036	37.5667	-24 7997	2934	2862	12	43878	-53	-27
DISC91		78 315	1042	37.5578	-24 8135	2966	2893	12	43894	-35	-27
DISC91		78 315	1048	37.5492	-24 8273	2985	2913	12	43904	-22	-25
DISC91		78 315	1054	37.5403	-24 8412	2944	2873	12	43928	4	-18
DISC91		78 315	11 0	37.5317	-24 8550	2221	2165	12	43972	50	-8
DISC91		78 315	11 6	37.5228	-24 8688	1973	1924	12	43958	39	-0
DISC91		78 315	1112	37.5142	-24 8825	2141	2088	12	43980	63	3
DISC91		78 315	1118	37.5055	-24 8963	2269	2213	12	43996	82	6
DISC91		78 315	1124	37.4968	-24 9102	2134	2081	12	44030	118	9
DISC91		78 315	1130	37.4880	-24 9240	2068	2017	12	44058	149	15
DISC91		78 315	1136	37.4792	-24 9380	1929	1882	12	44062	156	22
DISC91		78 315	1142	37.4705	-24 9520	1801	1756	12	44066	162	30
DISC91		78 315	1148	37.4615	-24 9658	1657	1617	12	44134	233	38
DISC91		78 315	1154	37.4528	-24 9798	1585	1547	12	44190	291	48
DISC91		78 315	12 0	37.4442	-24 9938	1406	1372	12	44226	330	60
DISC91		78 315	12 6	37.4377	-25 0095	1077	1053	12	44280	385	76
DISC91		78 315	1212	37.4368	-25 0272	826	808	12	44260	364	96
DISC91		78 315	1218	37.4410	-25 0452	667	655	12	44190	289	111
DISC91		78 315	1224	37.4457	-25 0627	647	635	12	44216	311	121
DISC91		78 315	1230	37.4502	-25 0798	667	655	12	44324	415	124
DISC91		78 315	1236	37.4547	-25 0970	549	539	12	44160	247	122
DISC91		78 315	1242	37.4592	-25 1142	1047	1024	12	43976	58	105
DISC91		78 315	1248	37.4637	-25 1313	1375	1342	12	43892	-29	88
DISC91		78 315	1254	37.4682	-25 1485	1611	1571	12	43715	-213	71
DISC91		78 315	13 0	37.4728	-25 1657	1826	1781	12	43522	-408	58
DISC91		78 315	13 6	37.4775	-25 1830	1826	1781	12	43520	-414	48
DISC91		78 315	1312	37.4823	-25 2002	1806	1761	12	43652	-286	42
DISC91		78 315	1318	37.4872	-25 2173	1795	1752	12	43802	-141	39
DISC91		78 315	1324	37.4922	-25 2343	1811	1767	12	43950	2	38
DISC91		78 315	1330	37.4975	-25 2512	1662	1622	12	44132	179	37
DISC91		78 315	1336	37.5028	-25 2680	1713	1672	12	44284	327	39
DISC91		78 315	1342	37.5085	-25 2848	1667	1626	12	44354	392	40
DISC91		78 315	1348	37.5140	-25 3013	1642	1602	12	44384	417	40
DISC91		78 315	1354	37.5195	-25 3182	1554	1516	12	44376	405	42
DISC91		78 315	14 0	37.5250	-25 3348	1457	1423	12	44358	382	44
DISC91		78 315	14 6	37.5307	-25 3517	1395	1362	12	44340	359	46
DISC91		78 315	1412	37.5362	-25 3685	1356	1324	12	44318	332	48
DISC91		78 315	1418	37.5417	-25 3852	1303	1273	12	44276	286	52
DISC91		78 315	1424	37.5472	-25 4020	1257	1227	12	44200	205	54
DISC91		78 315	1430	37.5527	-25 4187	1234	1205	12	44216	216	58
DISC91		78 315	1436	37.5583	-25 4353	1238	1209	12	44218	214	62
DISC91		78 315	1442	37.5638	-25 4522	1159	1132	12	44140	131	70
DISC91		78 315	1448	37.5693	-25 4688	1067	1042	12	44154	140	78
DISC91		78 315	1454	37.5748	-25 4855	965	944	12	44188	170	85
DISC91		78 315	15 0	37.5803	-25 5025	862	843	12	44174	151	91
DISC91		78 315	15 6	37.5858	-25 5193	862	843	12	44224	196	94
DISC91		78 315	1512	37.5915	-25 5360	821	805	12	44202	170	96
DISC91		78 315	1518	37.5970	-25 5530	847	828	12	44156	119	99
DISC91		78 315	1524	37.6027	-25 5698	806	788	12	44138	96	103
DISC91		78 315	1530	37.6080	-25 5865	780	764	12	44174	128	105
DISC91		78 315	1536	37.6135	-25 6032	785	768	12	44308	257	105
DISC91		78 315	1542	37.6190	-25 6200	816	799	12	44348	292	104
DISC91		78 315	1548	37.6245	-25 6367	821	805	12	44276	216	102
DISC91		78 315	1554	37.6300	-25 6533	831	814	12	44230	165	102
DISC91		78 315	16 0	37.6355	-25 6700	801	785	12	44234	164	103
DISC91		78 315	16 6	37.6407	-25 6855	744	730	12	44220	146	102
DISC91		78 315	1612	37.6457	-25 7007	734	719	12	44188	110	101
DISC91		78 315	1618	37.6507	-25 7160	693	678	12	44130	47	102
DISC91		78 315	1624	37.6557	-25 7310	677	664	12	44218	131	104
DISC91		78 315	1630	37.6608	-25 7463	636	624	12	44426	335	105
DISC91		78 315	1636	37.6662	-25 7628	606	594	12	44424	328	108
DISC91		78 315	1642	37.6715	-25 7795	534	525	12	44416	316	110
DISC91		78 315	1648	37.6783	-25 7953	595	585	12	44330	224	109
DISC91		78 315	1654	37.6880	-25 8090	626	614	12	44334	222	107
DISC91		78 315	17 0	37.6980	-25 8225	698	684	12	44266	148	104
DISC91		78 315	17 6	37.7080	-25 8360	867	849	12	44080	-44	99
DISC91		78 315	1712	37.7178	-25 8497	954	933	12	44310	179	96
DISC91		78 315	1718	37.7278	-25 8632	939	918	12	44554	417	92
DISC91		78 315	1724	37.7377	-25 8765	1016	993	12	44398	254	88
DISC91		78 315	1730	37.7477	-25 8900	1113	1088	12	44102	-47	83
DISC91		78 315	1736	37.7575	-25 9033	1124	1097	12	44106	-50	77
DISC91		78 315	1742	37.7673	-25 9167	1180	1152	12	44150	-12	73
DISC91		78 315	1748	37.7772	-25 9298	1303	1273	12	44306	137	67

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 315	1754	37.7875	-25.9412	1442	1406	12	44488	313	61
DISC91		78 315	18 0	37.7965	-25.9537	1570	1533	12	44396	215	53
DISC91		78 315	18 6	37.8055	-25.9663	1729	1686	12	44304	117	44
DISC91		78 315	1812	37.8145	-25.9790	1918	1871	12	44296	103	34
DISC91		78 315	1818	37.8237	-25.9915	2083	2032	12	44236	37	22
DISC91		78 315	1824	37.8330	-26.0038	2349	2291	12	44152	-52	11
DISC91		78 315	1830	37.8422	-26.0162	2513	2451	12	44096	-114	1
DISC91		78 315	1836	37.8513	-26.0287	2703	2637	12	44070	-146	-11
DISC91		78 315	1842	37.8605	-26.0412	2801	2732	12	44060	-162	-23
DISC91		78 315	1848	37.8698	-26.0537	3006	2933	12	44048	-180	-32
DISC91		78 315	1854	37.8792	-26.0662	3108	3034	12	44062	-172	-39
DISC91		78 315	19 0	37.8882	-26.0783	3170	3094	12	44076	-164	-44
DISC91		78 315	19 6	37.8975	-26.0903	3236	3160	12	44078	-168	-48
DISC91		78 315	1912	37.9070	-26.1023	3257	3180	12	44090	-162	-50
DISC91		78 315	1918	37.9167	-26.1143	3288	3210	12	44106	-153	-51
DISC91		78 315	1924	37.9262	-26.1262	3298	3221	12	44120	-145	-53
DISC91		78 315	1930	37.9357	-26.1380	3303	3226	12	44130	-141	-53
DISC91		78 315	1936	37.9453	-26.1500	3303	3226	12	44130	-147	-52
DISC91		78 315	1942	37.9548	-26.1620	3303	3226	12	44120	-163	-52
DISC91		78 315	1948	37.9642	-26.1742	3308	3230	12	44104	-185	-50
DISC91		78 315	1954	37.9735	-26.1860	3308	3230	12	44086	-209	-50
DISC91		78 315	20 0	37.9830	-26.1982	3303	3226	12	44070	-231	-49
DISC91		78 315	20 6	37.9928	-26.2095	3293	3215	12	44054	-254	-48
DISC91		78 315	2012	38.0027	-26.2208	3252	3175	12	44050	-263	-47
DISC91		78 315	2018	38.0122	-26.2323	3231	3155	12	44062	-257	-47
DISC91		78 315	2024	38.0218	-26.2438	3165	3089	12	44078	-247	-45
DISC91		78 315	2030	38.0317	-26.2553	3091	2928	12	44094	-238	-45
DISC91		78 315	2036	38.0410	-26.2675	2924	2853	12	44104	-233	-45
DISC91		78 315	2042	38.0508	-26.2795	2718	2652	12	44110	-230	-43
DISC91		78 315	2048	38.0605	-26.2912	2703	2637	12	44120	-230	-43
DISC91		78 315	2054	38.0702	-26.3032	2806	2738	12	44142	-214	-43
DISC91		78 315	21 0	38.0798	-26.3152	2770	2701	12	44182	-180	-43
DISC91		78 315	21 6	38.0897	-26.3270	3062	2988	12	44242	-126	-44
DISC91		78 315	2112	38.0993	-26.3390	3129	3054	12	44292	-82	-46
DISC91		78 315	2118	38.1090	-26.3508	3129	3054	12	44324	-56	-48
DISC91		78 315	2124	38.1188	-26.3628	3124	3049	12	44346	-41	-46
DISC91		78 315	2130	38.1287	-26.3740	3108	3034	12	44360	-33	-44
DISC91		78 315	2136	38.1387	-26.3848	3057	2983	12	44354	-45	-43
DISC91		78 315	2142	38.1488	-26.3958	3047	2974	12	44312	-93	-41
DISC91		78 315	2148	38.1588	-26.4068	3031	2959	12	44254	-157	-40
DISC91		78 315	2154	38.1688	-26.4177	2970	2899	12	44212	-205	-38
DISC91		78 315	22 0	38.1788	-26.4287	2857	2787	12	44192	-231	-33
DISC91		78 315	22 6	38.1890	-26.4397	2718	2652	12	44198	-231	-29
DISC91		78 315	2212	38.1990	-26.4507	2518	2456	12	44216	-220	-23
DISC91		78 315	2218	38.2090	-26.4617	2365	2306	12	44244	-198	-15
DISC91		78 315	2224	38.2192	-26.4728	2175	2121	12	44278	-170	-6
DISC91		78 315	2230	38.2293	-26.4840	1985	1937	12	44292	-162	3
DISC91		78 315	2236	38.2393	-26.4952	1847	1801	12	44350	-110	10
DISC91		78 315	2242	38.2495	-26.5063	1780	1736	12	44280	-187	14
DISC91		78 315	2248	38.2595	-26.5180	1672	1631	12	44068	-405	16
DISC91		78 315	2254	38.2695	-26.5300	1718	1677	12	43966	-513	19
DISC91		78 315	23 0	38.2793	-26.5420	1590	1551	12	43854	-631	18
DISC91		78 315	23 6	38.2872	-26.5558	1724	1681	12	43804	-687	18
DISC91		78 315	2312	38.2933	-26.5710	1744	1701	12	43886	-610	16
DISC91		78 315	2318	38.2995	-26.5863	1949	1902	12	44002	-498	10
DISC91		78 315	2324	38.3060	-26.6020	2108	2056	12	44038	-468	5
DISC91		78 315	2330	38.3125	-26.6173	1990	1940	12	44102	-409	0
DISC91		78 315	2336	38.3190	-26.6328	2165	2110	12	44208	-308	-5
DISC91		78 315	2342	38.3257	-26.6485	2077	2026	12	44268	-253	-9
DISC91		78 315	2348	38.3322	-26.6642	2257	2202	12	44268	-258	-10
DISC91		78 315	2354	38.3387	-26.6798	2272	2217	12	44288	-243	-10
DISC91	75	78 316	0 0	38.3450	-26.6952	2329	2271	12	44322	-214	-8
DISC91		78 316	0 6	38.3515	-26.7108	2001	1951	12	44328	-213	-4
DISC91		78 316	012	38.3582	-26.7262	1965	1917	12	44312	-234	2
DISC91		78 316	018	38.3647	-26.7415	1995	1946	12	44332	-219	9
DISC91		78 316	024	38.3713	-26.7568	1908	1862	12	44378	-179	17
DISC91		78 316	030	38.3783	-26.7722	1744	1701	12	44484	-78	22
DISC91		78 316	036	38.3848	-26.7883	1693	1651	12	44656	88	28
DISC91		78 316	042	38.3913	-26.8048	1539	1501	12	44704	131	37
DISC91		78 316	048	38.3977	-26.8213	1524	1487	12	44670	92	44
DISC91		78 316	054	38.4042	-26.8378	1404	1370	12	44680	96	51
DISC91		78 316	1 0	38.4105	-26.8540	1370	1337	12	44696	107	56
DISC91		78 316	1 6	38.4168	-26.8703	1375	1342	12	44742	148	61
DISC91		78 316	112	38.4232	-26.8863	1201	1172	12	44728	129	65
DISC91		78 316	118	38.4295	-26.9027	1026	1004	12	44682	78	73
DISC91		78 316	124	38.4358	-26.9188	872	854	12	44674	65	83
DISC91		78 316	130	38.4420	-26.9348	734	719	12	44690	76	91
DISC91		78 316	136	38.4485	-26.9508	688	675	12	45120	501	93
DISC91		78 316	142	38.4550	-26.9668	718	704	12	45004	380	90
DISC91		78 316	148	38.4615	-26.9828	744	730	12	44764	134	87
DISC91		78 316	154	38.4682	-26.9990	857	839	12	44558	-76	83
DISC91		78 316	2 0	38.4748	-27.0152	842	823	12	44516	-123	80
DISC91		78 316	2 6	38.4813	-27.0313	833	816	12	44668	23	78
DISC91		78 316	212	38.4877	-27.0477	811	794	12	44784	133	78
DISC91		78 316	218	38.4940	-27.0640	806	788	12	44824	168	77
DISC91		78 316	224	38.5005	-27.0805	739	724	12	44782	121	75
DISC91		78 316	230	38.5068	-27.0967	698	684	12	44820	153	74
DISC91		78 316	236	38.5130	-27.1128	590	580	12	44866	194	74
DISC91		78 316	242	38.5192	-27.1290	631	620	12	44790	113	72
DISC91		78 316	248	38.5252	-27.1453	611	600	12	44580	-101	69
DISC91		78 316	254	38.5312	-27.1617	529	519	12	44584	-102	65
DISC91		78 316	3 0	38.5373	-27.1780	795	779	12	44452	-239	56
DISC91		78 316	3 6	38.5435	-27.1943	765	750	12	44416	-280	49

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	75	78 316	312	38.5495	-27.2107	913	894	12	44606	-96	45
DISC91		78 316	318	38.5552	-27.2267	939	918	12	44462	-244	44
DISC91		78 316	324	38.5610	-27.2427	1021	999	12	44412	-299	41
DISC91		78 316	330	38.5667	-27.2585	1016	993	12	44250	-466	40
DISC91		78 316	336	38.5725	-27.2747	1077	1053	12	44420	-301	40
DISC91		78 316	342	38.5785	-27.2905	1159	1132	12	44558	-168	38
DISC91		78 316	348	38.5847	-27.3065	1216	1187	12	44492	-240	36
DISC91		78 316	354	38.5907	-27.3222	1259	1229	12	44574	-163	35
DISC91		78 316	4 0	38.5968	-27.3380	1307	1277	12	44500	-242	33
DISC91		78 316	4 6	38.6030	-27.3538	1328	1297	12	44488	-259	33
DISC91		78 316	412	38.6090	-27.3697	1368	1335	12	44588	-164	33
DISC91		78 316	418	38.6152	-27.3855	1412	1379	12	44684	-73	32
DISC91		78 316	424	38.6213	-27.4013	1466	1432	12	44714	-48	31
DISC91		78 316	430	38.6273	-27.4170	1534	1496	12	44718	-49	29
DISC91		78 316	436	38.6333	-27.4327	1590	1551	12	44656	-116	28
DISC91		78 316	442	38.6393	-27.4483	1611	1571	12	44618	-159	30
DISC91		78 316	448	38.6453	-27.4640	1565	1527	12	44582	-200	33
DISC91		78 316	454	38.6513	-27.4798	1445	1410	12	44568	-219	36
DISC91		78 316	5 0	38.6575	-27.4957	1170	1143	12	44624	-168	42
DISC91		78 316	5 6	38.6635	-27.5115	949	929	12	44712	-85	48
DISC91		78 316	512	38.6695	-27.5272	908	889	12	44694	-108	52
DISC91		78 316	518	38.6755	-27.5428	872	854	12	44694	-113	54
DISC91		78 316	524	38.6815	-27.5585	1006	984	12	44690	-122	52
DISC91		78 316	530	38.6875	-27.5740	1016	993	12	44664	-153	49
DISC91		78 316	536	38.6935	-27.5897	1169	1141	12	44656	-166	47
DISC91		78 316	542	38.6997	-27.6055	1181	1154	12	44668	-159	47
DISC91		78 316	548	38.7055	-27.6210	1180	1152	12	44554	-278	47
DISC91		78 316	554	38.7115	-27.6367	1257	1227	12	44504	-333	49
DISC91		78 316	6 0	38.7175	-27.6522	1195	1169	12	44534	-308	50
DISC91		78 316	6 6	38.7233	-27.6677	1192	1169	12	44578	-269	52
DISC91		78 316	612	38.7293	-27.6830	1124	1097	12	44614	-238	55
DISC91		78 316	618	38.7348	-27.6978	1138	1112	12	44644	-213	58
DISC91		78 316	624	38.7405	-27.7127	824	807	12	44642	-220	59
DISC91		78 316	630	38.7462	-27.7277	934	914	12	44578	-288	60
DISC91		78 316	636	38.7520	-27.7427	926	905	12	44550	-321	60
DISC91		78 316	642	38.7578	-27.7578	929	909	12	44582	-294	59
DISC91		78 316	648	38.7638	-27.7733	917	898	12	44660	-221	57
DISC91		78 316	654	38.7695	-27.7892	967	945	12	44766	-120	58
DISC91		78 316	7 0	38.7753	-27.8047	893	874	12	44840	-51	58
DISC91		78 316	7 6	38.7810	-27.8205	1026	1004	12	44860	-36	56
DISC91		78 316	712	38.7868	-27.8365	992	971	12	44872	-29	58
DISC91		78 316	718	38.7927	-27.8522	978	956	12	44864	-42	61
DISC91		78 316	724	38.7985	-27.8680	935	914	12	44830	-81	67
DISC91		78 316	730	38.8042	-27.8838	741	726	12	44822	-93	74
DISC91		78 316	736	38.8102	-27.8997	672	660	12	44782	-138	84
DISC91		78 316	742	38.8163	-27.9152	534	525	12	44756	-170	94
DISC91		78 316	748	38.8228	-27.9302	430	424	12	44804	-127	97
DISC91		78 316	754	38.8295	-27.9455	517	508	12	44950	13	93
DISC91		78 316	8 0	38.8363	-27.9610	694	680	12	45046	104	85
DISC91		78 316	8 6	38.8432	-27.9765	822	805	12	45072	124	76
DISC91		78 316	812	38.8498	-27.9922	846	828	12	44972	19	70
DISC91		78 316	818	38.8567	-28.0075	877	860	12	44916	-42	
DISC91		78 316	824	38.8633	-28.0228	895	876	12	44856	-107	63
DISC91		78 316	830	38.8702	-28.0383	918	898	12	44814	-155	62
DISC91		78 316	836	38.8768	-28.0533	939	918	12	44800	-174	61
DISC91		78 316	842	38.8833	-28.0683	1101	1075	12	44754	-225	58
DISC91		78 316	848	38.8898	-28.0832	1198	1170	12	44690	-295	56
DISC91		78 316	854	38.8963	-28.0982	1298	1267	12	44714	-276	55
DISC91		78 316	9 0	38.9030	-28.1132	1345	1313	12	44786	-209	54
DISC91		78 316	9 6	38.9098	-28.1280	1347	1315	12	44746	-255	53
DISC91		78 316	912	38.9170	-28.1425	1341	1309	12	44650	-356	52
DISC91		78 316	918	38.9243	-28.1570	1346	1315	12	44632	-380	50
DISC91		78 316	924	38.9313	-28.1717	1309	1278	12	44680	-337	55
DISC91		78 316	930	38.9378	-28.1872	1399	1366	12	44774	-249	42
DISC91		78 316	936	38.9442	-28.2025	1642	1602	12	44828	-200	37
DISC91		78 316	942	38.9505	-28.2180	1864	1818	12	44780	-253	32
DISC91		78 316	948	38.9570	-28.2330	1937	1889	12	44756	-282	27
DISC91		78 316	954	38.9635	-28.2483	2052	2001	12	44740	-304	23
DISC91		78 316	10 0	38.9698	-28.2635	2067	2015	12	44728	-321	18
DISC91		78 316	10 6	38.9763	-28.2787	2069	2017	12	44732	-322	13
DISC91		78 316	1012	38.9830	-28.2940	2102	2050	12	44732	-328	10
DISC91		78 316	1018	38.9895	-28.3093	2070	2019	12	44744	-321	9
DISC91		78 316	1024	38.9958	-28.3245	2073	2023	12	44770	-300	9
DISC91		78 316	1030	39.0023	-28.3397	2062	2012	12	44808	-267	9
DISC91		78 316	1036	39.0088	-28.3550	2016	1966	12	44846	-235	7
DISC91		78 316	1042	39.0153	-28.3703	2021	1971	12	44876	-210	5
DISC91		78 316	1048	39.0217	-28.3855	2106	2054	12	44926	-165	1
DISC91		78 316	1054	39.0282	-28.4010	2217	2162	12	44966	-130	-2
DISC91		78 316	11 0	39.0347	-28.4165	2236	2182	12	44966	-136	-4
DISC91		78 316	11 6	39.0410	-28.4322	2301	2244	12	44938	-169	-8
DISC91		78 316	1112	39.0470	-28.4478	2374	2315	12	44930	-182	-10
DISC91		78 316	1118	39.0530	-28.4637	2505	2443	12	44918	-199	-12
DISC91		78 316	1124	39.0592	-28.4795	2508	2447	12	44872	-250	-13
DISC91		78 316	1130	39.0652	-28.4953	2513	2451	12	44818	-309	-14
DISC91		78 316	1136	39.0715	-28.5110	2515	2452	12	44780	-353	-13
DISC91		78 316	1142	39.0782	-28.5263	2513	2451	12	44770	-368	-11
DISC91		78 316	1148	39.0848	-28.5415	2493	2430	12	44780	-363	-9
DISC91		78 316	1154	39.0913	-28.5565	2488	2427	12	44808	-341	-7
DISC91		78 316	12 0	39.0978	-28.5715	2483	2421	12	44854	-300	-4
DISC91		78 316	12 6	39.1043	-28.5863	2477	2416	12	44892	-267	1
DISC91		78 316	1212	39.1108	-28.6013	2426	2369	12	44908	-256	6
DISC91		78 316	1218	39.1172	-28.6162	2313	2257	12	44896	-273	12
DISC91		78 316	1224	39.1237	-28.6308	2344	2286	12	44874	-300	19

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 316	1230	39.1302	-28.6458	2247	2191	12	44846	-334	27
DISC91	78 316	1236	39.1367	-28.6607	2031	1981	12	44794	-391	32
DISC91	78 316	1242	39.1432	-28.6755	1913	1865	12	44724	-466	36
DISC91	78 316	1248	39.1497	-28.6905	2006	1957	12	44744	-451	38
DISC91	78 316	1254	39.1562	-28.7053	2124	2070	12	44832	-368	39
DISC91	78 316	13 0	39.1627	-28.7202	1811	1767	12	44896	-310	41
DISC91	78 316	13 6	39.1692	-28.7350	1765	1721	12	44986	-225	44
DISC91	78 316	1312	39.1757	-28.7498	1703	1662	12	45108	-108	46
DISC91	78 316	1318	39.1822	-28.7647	1626	1587	12	45106	-115	48
DISC91	78 316	1324	39.1887	-28.7798	1534	1496	12	45064	-163	50
DISC91	78 316	1330	39.1952	-28.7948	1544	1507	12	45036	-196	52
DISC91	78 316	1336	39.2018	-28.8098	1554	1516	12	44986	-251	54
DISC91	78 316	1342	39.2082	-28.8248	1570	1533	12	44880	-362	58
DISC91	78 316	1348	39.2147	-28.8400	1518	1481	12	44758	-489	63
DISC91	78 316	1354	39.2212	-28.8550	1283	1253	12	44788	-465	70
DISC91	78 316	14 0	39.2277	-28.8702	1016	993	12	44948	-310	74
DISC91	78 316	14 6	39.2342	-28.8852	1242	1212	12	45126	-137	71
DISC91	78 316	1412	39.2408	-28.9002	1601	1562	12	45180	-88	65
DISC91	78 316	1418	39.2475	-28.9152	1724	1681	12	45136	-138	59
DISC91	78 316	1424	39.2542	-28.9302	1877	1831	12	45096	-183	56
DISC91	78 316	1430	39.2608	-28.9450	1847	1801	12	45016	-268	54
DISC91	78 316	1436	39.2675	-28.9600	1852	1807	12	44962	-328	55
DISC91	78 316	1442	39.2742	-28.9750	1436	1403	12	44920	-375	56
DISC91	78 316	1448	39.2808	-28.9902	1806	1761	12	44992	-308	56
DISC91	78 316	1454	39.2877	-29.0053	1918	1871	12	45134	-172	57
DISC91	78 316	15 0	39.2943	-29.0205	1436	1403	12	45184	-127	59
DISC91	78 316	15 6	39.3010	-29.0355	1672	1631	12	45068	-248	58
DISC91	78 316	1512	39.3078	-29.0507	1580	1542	12	45032	-290	53
DISC91	78 316	1518	39.3145	-29.0657	1816	1772	12	45080	-247	46
DISC91	78 316	1524	39.3213	-29.0808	2042	1992	12	45046	-287	38
DISC91	78 316	1530	39.3282	-29.0960	2088	2035	12	44974	-364	32
DISC91	78 316	1536	39.3347	-29.1112	2083	2032	12	45030	-314	30
DISC91	78 316	1542	39.3412	-29.1267	2062	2012	12	45226	-123	30
DISC91	78 316	1548	39.3477	-29.1418	2047	1995	12	45318	-37	31
DISC91	78 316	1554	39.3542	-29.1570	2195	2142	12	45274	-86	32
DISC91	78 316	16 0	39.3607	-29.1718	2159	2107	12	45248	-117	31
DISC91	78 316	16 6	39.3672	-29.1870	2165	2110	12	45242	-129	33
DISC91	78 316	1612	39.3735	-29.2022	2167	2112	12	45224	-152	34
DISC91	78 316	1618	39.3800	-29.2173	2093	2041	12	45226	-155	37
DISC91	78 316	1624	39.3867	-29.2328	2006	1957	12	45182	-205	39
DISC91	78 316	1630	39.3933	-29.2482	2001	1951	12	45194	-198	42
DISC91	78 316	1636	39.3998	-29.2637	1990	1940	12	45240	-158	46
DISC91	78 316	1642	39.4063	-29.2792	1893	1845	12	45272	-131	50
DISC91	78 316	1648	39.4130	-29.2947	1790	1747	12	45166	-243	54
DISC91	78 316	1654	39.4197	-29.3100	1683	1642	12	44972	-442	58
DISC91	78 316	17 0	39.4258	-29.3245	1539	1501	12	44872	-547	60
DISC91	78 316	17 6	39.4328	-29.3398	1642	1602	12	45014	-411	58
DISC91	78 316	1712	39.4397	-29.3550	1990	1940	12	45144	-286	53
DISC91	78 316	1718	39.4467	-29.3703	2001	1951	12	45176	-260	49
DISC91	78 316	1724	39.4537	-29.3857	1944	1896	12	45160	-282	49
DISC91	78 316	1730	39.4607	-29.4012	1847	1801	12	44986	-461	49
DISC91	78 316	1736	39.4677	-29.4167	1836	1790	12	44850	-603	52
DISC91	78 316	1742	39.4745	-29.4323	1739	1697	12	44870	-589	54
DISC91	78 316	1748	39.4812	-29.4477	1688	1646	12	45000	-464	55
DISC91	78 316	1754	39.4880	-29.4632	1524	1487	12	45040	-430	57
DISC91	78 316	18 0	39.4948	-29.4788	1590	1551	12	45070	-405	57
DISC91	78 316	18 6	39.5017	-29.4947	1626	1587	12	45244	-237	56
DISC91	78 316	1812	39.5085	-29.5102	1857	1811	12	45208	-278	53
DISC91	78 316	1818	39.5153	-29.5258	1842	1796	12	45038	-454	50
DISC91	78 316	1824	39.5223	-29.5417	1811	1767	12	45014	-484	51
DISC91	78 316	1830	39.5292	-29.5573	1621	1582	12	45114	-389	51
DISC91	78 316	1836	39.5358	-29.5728	1431	1397	12	45274	-235	50
DISC91	78 316	1842	39.5427	-29.5887	1836	1790	12	45368	-146	45
DISC91	78 316	1848	39.5498	-29.6040	1713	1672	12	45754	-233	46
DISC91	78 316	1854	39.5567	-29.6197	1539	1501	12	46062	-555	47
DISC91	78 316	19 0	39.5638	-29.6355	1288	1258	12	46106	-573	45
DISC91	78 316	19 6	39.5707	-29.6510	1201	1172	12	45836	-298	38
DISC91	78 316	1912	39.5775	-29.6665	1924	1876	12	45442	-101	26
DISC91	78 316	1918	39.5845	-29.6823	2201	2145	12	45514	-34	20
DISC91	78 316	1924	39.5915	-29.6982	2006	1957	12	45536	-18	16
DISC91	78 316	1930	39.5985	-29.7142	2042	1992	12	45542	-18	14
DISC91	78 316	1936	39.6057	-29.7302	2124	2070	12	45592	25	14
DISC91	78 316	1942	39.6128	-29.7462	2006	1957	12	45666	94	13
DISC91	78 316	1948	39.6198	-29.7620	2006	1957	12	45632	54	16
DISC91	78 316	1954	39.6270	-29.7782	2001	1951	12	45468	-115	23
DISC91	78 316	20 0	39.6342	-29.7943	1544	1507	12	45402	-187	34
DISC91	78 316	20 6	39.6415	-29.8107	1524	1487	12	45326	-269	44
DISC91	78 316	2012	39.6487	-29.8270	1606	1567	12	45126	-475	50
DISC91	78 316	2018	39.6558	-29.8430	1385	1351	12	45080	-526	58
DISC91	78 316	2024	39.6628	-29.8588	1154	1128	12	45076	-536	67
DISC91	78 316	2030	39.6700	-29.8747	908	889	12	45336	-282	76
DISC91	78 316	2036	39.6772	-29.8903	821	805	12	45542	-82	81
DISC91	78 316	2042	39.6838	-29.9053	1395	1362	12	45406	-223	73
DISC91	78 316	2048	39.6905	-29.9202	1336	1303	12	45002	-633	67
DISC91	78 316	2054	39.6972	-29.9352	1313	1282	12	44888	-752	65
DISC91	78 316	21 0	39.7040	-29.9505	1508	1472	12	45156	-490	62
DISC91	78 316	21 6	39.7133	-29.9638	1601	1562	12	45328	-324	60
DISC91	78 316	2112	39.7255	-29.9733	1642	1602	12	45152	-507	60
DISC91	78 316	2118	39.7392	-29.9762	1498	1461	12	45074	-592	61
DISC91	78 316	2124	39.7522	-29.9685	1724	1681	12	45180	-490	55
DISC91	78 316	2130	39.7645	-29.9593	1662	1622	12	45440	-235	53
DISC91	78 316	2136	39.7765	-29.9503	1662	1622	12	45612	-67	53
DISC91	78 316	2142	39.7890	-29.9408	1652	1611	12	45464	-219	54

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	75	78 316	2148	39.7998	-29.9313	1477	1443	12	45232	-454	54
DISC91		78 316	2154	39.8117	-29.9220	1539	1501	12	45054	-636	55
DISC91		78 316	22 0	39.8233	-29.9128	1529	1492	12	44958	-736	55
DISC91		78 316	22 6	39.8352	-29.9035	1672	1631	12	45030	-668	54
DISC91		78 316	2212	39.8470	-29.8942	1703	1662	12	45148	-554	53
DISC91		78 316	2218	39.8587	-29.8848	1770	1726	12	45244	-462	51
DISC91		78 316	2224	39.8703	-29.8753	1806	1761	12	45272	-438	52
DISC91		78 316	2230	39.8822	-29.8657	1801	1756	12	45246	-468	56
DISC91		78 316	2236	39.8908	-29.8515	1759	1717	12	45308	-408	61
DISC91		78 316	2242	39.8917	-29.8328	1406	1372	12	45350	-363	62
DISC91		78 316	2248	39.8850	-29.8163	1431	1397	12	45400	-307	62
DISC91		78 316	2254	39.8758	-29.8020	1390	1357	12	45392	-309	58
DISC91		78 316	23 0	39.8663	-29.7872	1729	1686	12	45452	-242	53
DISC91		78 316	23 6	39.8570	-29.7723	1662	1622	12	45502	-186	51
DISC91		78 316	2312	39.8480	-29.7573	1318	1287	12	45848	166	46
DISC91		78 316	2318	39.8388	-29.7427	1488	1452	12	45616	-59	36
DISC91		78 316	2324	39.8298	-29.7278	2108	2056	12	45376	-292	24
DISC91		78 316	2330	39.8207	-29.7128	2272	2217	12	45338	-124	16
DISC91		78 316	2336	39.8117	-29.6980	2216	2162	12	45798	142	11
DISC91		78 316	2342	39.8025	-29.6832	2329	2271	12	45954	304	8
DISC91		78 316	2348	39.7933	-29.6682	2283	2226	12	45966	323	9
DISC91		78 316	2354	39.7843	-29.6532	2206	2151	12	45900	264	12
DISC91	76	78 317	0 0	39.7752	-29.6383	1949	1902	12	45904	274	17
DISC91		78 317	0 6	39.7662	-29.6233	2083	2032	12	46002	379	22
DISC91		78 317	012	39.7570	-29.6083	2093	2041	12	45842	225	32
DISC91		78 317	018	39.7478	-29.5933	995	973	12	45884	274	47
DISC91		78 317	024	39.7387	-29.5783	1242	1212	12	46444	840	59
DISC91		78 317	030	39.7295	-29.5633	1277	1247	12	45912	315	63
DISC91		78 317	036	39.7203	-29.5485	1365	1333	12	45186	-404	61
DISC91		78 317	042	39.7112	-29.5335	1477	1443	12	45364	-219	60
DISC91		78 317	048	39.7020	-29.5187	1539	1501	12	45468	-109	62
DISC91		78 317	054	39.6930	-29.5038	1313	1282	12	45406	-164	66
DISC91		78 317	1 0	39.6838	-29.4890	1201	1172	12	45420	-144	68
DISC91		78 317	1 6	39.6747	-29.4737	1231	1203	12	45146	-411	67
DISC91		78 317	112	39.6660	-29.4595	1395	1362	12	44896	-655	64
DISC91		78 317	118	39.6572	-29.4452	1467	1432	12	44956	-588	65
DISC91		78 317	124	39.6483	-29.4310	944	924	12	45022	-516	71
DISC91		78 317	130	39.6399	-29.4168	980	958	12	45066	-466	75
DISC91		78 317	136	39.6303	-29.4027	1016	993	12	45106	-419	77
DISC91		78 317	142	39.6215	-29.3887	965	944	12	45246	-273	80
DISC91		78 317	148	39.6123	-29.3745	770	753	12	45358	-155	85
DISC91		78 317	154	39.6033	-29.3603	513	505	12	45434	-72	88
DISC91		78 317	2 0	39.5943	-29.3463	585	574	12	45482	-18	88
DISC91		78 317	2 6	39.5853	-29.3323	698	684	12	45518	23	85
DISC91		78 317	212	39.5763	-29.3183	995	973	12	45488	0	76
DISC91		78 317	218	39.5672	-29.3045	1318	1287	12	45238	-243	65
DISC91		78 317	224	39.5580	-29.2907	1539	1501	12	45112	-363	58
DISC91		78 317	230	39.5488	-29.2768	1662	1622	12	45266	-203	53
DISC91		78 317	236	39.5377	-29.2665	1765	1721	12	45358	-105	50
DISC91		78 317	242	39.5242	-29.2635	1406	1372	12	45384	-71	50
DISC91		78 317	248	39.5113	-29.2687	1421	1388	12	45320	-130	49
DISC91		78 317	254	39.4990	-29.2762	1365	1333	12	45284	-161	50
DISC91		78 317	3 0	39.4867	-29.2835	1744	1701	12	45244	-197	51
DISC91		78 317	3 6	39.4743	-29.2910	1713	1672	12	45204	-232	53
DISC91		78 317	312	39.4618	-29.2985	1698	1657	12	45140	-292	57
DISC91		78 317	318	39.4497	-29.3058	1539	1501	12	45018	-409	60
DISC91		78 317	324	39.4372	-29.3132	1539	1501	12	44914	-509	61
DISC91		78 317	330	39.4247	-29.3208	1662	1622	12	44904	-514	59
DISC91		78 317	336	39.4118	-29.3283	2103	2050	12	44968	-445	54
DISC91		78 317	342	39.3990	-29.3358	2072	2021	12	45012	-397	52
DISC91		78 317	348	39.3863	-29.3433	2083	2032	12	45012	-392	53
DISC91		78 317	354	39.3735	-29.3510	2087	2035	12	45042	-357	54
DISC91		78 317	4 0	39.3605	-29.3585	1944	1896	12	45066	-329	57
DISC91		78 317	4 6	39.3477	-29.3660	1699	1657	12	45092	-298	61
DISC91		78 317	412	39.3347	-29.3735	1508	1472	12	45142	-243	66
DISC91		78 317	418	39.3218	-29.3810	1529	1492	12	45156	-224	68
DISC91		78 317	424	39.3090	-29.3885	1642	1602	12	45146	-230	66
DISC91		78 317	430	39.2957	-29.3918	1631	1591	12	45246	-124	71
DISC91		78 317	436	39.2828	-29.3850	1647	1608	12	45368	4	72
DISC91		78 317	442	39.2735	-29.3710	1724	1681	12	45324	-33	71
DISC91		78 317	448	39.2643	-29.3563	1651	1611	12	45332	-18	72
DISC91		78 317	454	39.2552	-29.3417	1721	1679	12	45434	89	72
DISC91		78 317	5 0	39.2460	-29.3270	1657	1617	12	45484	146	75
DISC91		78 317	5 6	39.2372	-29.3128	1601	1562	12	45500	168	79
DISC91		78 317	512	39.2285	-29.2987	1467	1432	12	45502	176	82
DISC91		78 317	518	39.2197	-29.2847	1180	1152	12	45548	229	81
DISC91		78 317	524	39.2108	-29.2703	1704	1662	12	45306	-6	71
DISC91		78 317	530	39.2018	-29.2560	1934	1885	12	45038	-268	62
DISC91		78 317	536	39.1930	-29.2417	1877	1831	12	44968	-331	57
DISC91		78 317	542	39.1840	-29.2273	1750	1708	12	45016	-277	53
DISC91		78 317	548	39.1750	-29.2128	1683	1642	12	45062	-231	51
DISC91		78 317	554	39.1668	-29.1977	1780	1736	12	45114	-166	49
DISC91		78 317	6 0	39.1578	-29.1828	1893	1845	12	45156	-118	47
DISC91		78 317	6 6	39.1490	-29.1682	1903	1856	12	45142	-126	44
DISC91		78 317	612	39.1402	-29.1535	1983	1935	12	45098	-163	41
DISC91		78 317	618	39.1313	-29.1388	2042	1992	12	45008	-247	38
DISC91		78 317	624	39.1225	-29.1242	1929	1882	12	44934	-315	37
DISC91		78 317	630	39.1138	-29.1095	2001	1951	12	44978	-264	35
DISC91		78 317	636	39.1048	-29.0950	2001	1951	12	45052	-184	33
DISC91		78 317	642	39.0958	-29.0803	2026	1977	12	45014	-215	29
DISC91		78 317	648	39.0867	-29.0657	2132	2079	12	44932	-291	27
DISC91		78 317	654	39.0775	-29.0510	2165	2110	12	44882	-334	26
DISC91		78 317	7 0	39.0683	-29.0365	2057	2006	12	44904	-306	27

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 317	7 6	39.0592	-29.0220	2062	2012	12	44890	-313	26
DISC91	78 317	712	39.0502	-29.0082	2180	2125	12	44854	-343	27
DISC91	78 317	718	39.0413	-28.9945	1667	1626	12	44844	-347	30
DISC91	78 317	724	39.0323	-28.9808	1664	1624	12	44898	-287	31
DISC91	78 317	730	39.0233	-28.9672	1657	1617	12	44978	-201	32
DISC91	78 317	736	39.0143	-28.9535	1663	1622	12	44994	-179	34
DISC91	78 317	742	39.0053	-28.9398	1719	1677	12	44980	-186	33
DISC91	78 317	748	38.9963	-28.9263	1684	1642	12	44916	-244	34
DISC91	78 317	754	38.9875	-28.9127	1500	1463	12	44840	-314	35
DISC91	78 317	8 0	38.9785	-28.8990	1513	1478	12	44784	-364	36
DISC91	78 317	8 6	38.9693	-28.8853	1631	1591	12	44820	-321	37
DISC91	78 317	812	38.9605	-28.8718	1618	1578	12	44912	-223	36
DISC91	78 317	818	38.9515	-28.8582	1586	1547	12	45026	-103	36
DISC91	78 317	824	38.9425	-28.8447	1573	1534	12	45040	-83	37
DISC91	78 317	830	38.9335	-28.8310	1568	1529	12	44922	-194	36
DISC91	78 317	836	38.9247	-28.8175	1578	1540	12	44824	-286	36
DISC91	78 317	842	38.9153	-28.8037	1572	1534	12	44820	-284	37
DISC91	78 317	848	38.9060	-28.7898	1559	1522	12	44804	-293	36
DISC91	78 317	854	38.8963	-28.7762	1546	1509	12	44768	-323	35
DISC91	78 317	9 0	38.8867	-28.7627	1521	1483	12	44772	-312	33
DISC91	78 317	9 6	38.8770	-28.7490	1500	1463	12	44794	-284	31
DISC91	78 317	912	38.8673	-28.7355	1493	1458	12	44826	-245	35
DISC91	78 317	918	38.8577	-28.7220	1486	1450	12	44818	-246	32
DISC91	78 317	924	38.8480	-28.7085	1470	1436	12	44790	-268	31
DISC91	78 317	930	38.8383	-28.6950	1399	1366	12	44798	-253	33
DISC91	78 317	936	38.8288	-28.6812	1341	1309	12	44842	-203	35
DISC91	78 317	942	38.8193	-28.6675	1307	1277	12	44840	-198	35
DISC91	78 317	948	38.8098	-28.6538	1344	1313	12	44784	-248	33
DISC91	78 317	954	38.8003	-28.6403	1326	1295	12	44768	-257	34
DISC91	78 317	10 0	38.7908	-28.6267	1305	1275	12	44814	-205	37
DISC91	78 317	10 6	38.7790	-28.6175	1288	1258	12	44912	-100	35
DISC91	78 317	1012	38.7652	-28.6180	1278	1249	12	44904	-102	34
DISC91	78 317	1018	38.7543	-28.6287	1252	1223	12	44876	-126	33
DISC91	78 317	1024	38.7488	-28.6450	1236	1207	12	44928	-74	37
DISC91	78 317	1030	38.7438	-28.6615	1145	1119	12	45090	87	43
DISC91	78 317	1036	38.7387	-28.6780	1087	1063	12	45208	205	50
DISC91	78 317	1042	38.7333	-28.6945	1067	1042	12	45174	171	52
DISC91	78 317	1048	38.7280	-28.7112	1088	1063	12	45192	189	50
DISC91	78 317	1054	38.7227	-28.7278	1118	1094	12	45138	135	46
DISC91	78 317	11 0	38.7173	-28.7445	1162	1136	12	45034	31	43
DISC91	78 317	11 6	38.7120	-28.7612	1159	1132	12	44962	-40	42
DISC91	78 317	1112	38.7065	-28.7778	1198	1170	12	44874	-128	39
DISC91	78 317	1118	38.7012	-28.7945	1101	1075	12	44832	-170	41
DISC91	78 317	1124	38.6958	-28.8112	877	860	12	44772	-230	43
DISC91	78 317	1130	38.6905	-28.8277	990	969	12	44540	-462	42
DISC91	78 317	1136	38.6852	-28.8443	885	865	12	44566	-436	39
DISC91	78 317	1142	38.6798	-28.8608	1189	1161	12	44512	-490	37
DISC91	78 317	1148	38.6787	-28.8783	1103	1077	12	44550	-454	35
DISC91	78 317	1154	38.6847	-28.8940	1267	1238	12	44546	-463	33
DISC91	78 317	12 0	38.6935	-28.9080	1436	1403	12	44542	-473	31
DISC91	78 317	12 6	38.7023	-28.9218	1488	1452	12	44522	-499	31
DISC91	78 317	1212	38.7108	-28.9360	1493	1458	12	44534	-515	31
DISC91	78 317	1218	38.7198	-28.9495	1559	1523	12	44535	-502	32
DISC91	78 317	1224	38.7288	-28.9632	1621	1582	12	44538	-502	32
DISC91	78 317	1230	38.7378	-28.9767	1667	1629	12	44580	-466	31
DISC91	78 317	1236	38.7468	-28.9903	1698	1657	12	44620	-432	31
DISC91	78 317	1242	38.7555	-29.0040	1703	1662	12	44664	-395	31
DISC91	78 317	1248	38.7643	-29.0178	1744	1701	12	44738	-327	30
DISC91	78 317	1254	38.7730	-29.0315	1765	1721	12	44828	-243	27
DISC91	78 317	13 0	38.7818	-29.0453	1801	1756	12	44880	-198	26
DISC91	78 317	13 6	38.7907	-29.0590	1842	1796	12	44870	-214	25
DISC91	78 317	1312	38.7993	-29.0727	1867	1821	12	44826	-264	25
DISC91	78 317	1318	38.8082	-29.0865	1852	1807	12	44780	-316	25
DISC91	78 317	1324	38.8170	-29.1002	1836	1790	12	44750	-353	25
DISC91	78 317	1330	38.8258	-29.1140	1847	1801	12	44748	-361	25
DISC91	78 317	1336	38.8345	-29.1278	1872	1827	12	44750	-365	27
DISC91	78 317	1342	38.8432	-29.1417	1867	1821	12	44782	-340	28
DISC91	78 317	1348	38.8518	-29.1555	1872	1827	12	44828	-300	29
DISC91	78 317	1354	38.8605	-29.1693	1939	1891	12	44870	-264	31
DISC91	78 317	14 0	38.8690	-29.1835	1913	1865	12	44878	-262	29
DISC91	78 317	14 6	38.8780	-29.1982	1954	1906	12	44900	-247	28
DISC91	78 317	1412	38.8867	-29.2123	1913	1865	12	44960	-193	30
DISC91	78 317	1418	38.8952	-29.2262	1990	1940	12	45066	-93	32
DISC91	78 317	1424	38.9037	-29.2400	1898	1851	12	45134	-34	34
DISC91	78 317	1430	38.9122	-29.2538	1867	1821	12	45098	-74	37
DISC91	78 317	1436	38.9203	-29.2673	1765	1721	12	45156	-22	39
DISC91	78 317	1442	38.9288	-29.2813	1642	1602	12	45178	-6	39
DISC91	78 317	1448	38.9373	-29.2955	1888	1842	12	44938	-252	36
DISC91	78 317	1454	38.9460	-29.3095	1949	1902	12	44718	-478	34
DISC91	78 317	15 0	38.9545	-29.3237	2072	2021	12	44706	-496	33
DISC91	78 317	15 6	38.9632	-29.3380	2006	1957	12	44806	-403	33
DISC91	78 317	1512	38.9718	-29.3522	2093	2041	12	44886	-329	31
DISC91	78 317	1518	38.9803	-29.3662	2201	2145	12	45008	-213	28
DISC91	78 317	1524	38.9890	-29.3803	2206	2151	12	45098	-130	26
DISC91	78 317	1530	38.9975	-29.3945	2149	2095	12	45148	-86	27
DISC91	78 317	1536	39.0062	-29.4087	2272	2217	12	45138	-102	28
DISC91	78 317	1542	39.0152	-29.4227	2308	2251	12	45044	-202	30
DISC91	78 317	1548	39.0242	-29.4363	2178	2123	12	44954	-299	33
DISC91	78 317	1554	39.0332	-29.4502	2031	1981	12	44960	-267	38
DISC91	78 317	16 0	39.0422	-29.4638	1918	1871	12	44988	-277	44
DISC91	78 317	16 6	39.0510	-29.4773	1734	1692	12	45004	-267	49
DISC91	78 317	1612	39.0602	-29.4912	1703	1662	12	44972	-306	51
DISC91	78 317	1618	39.0692	-29.5047	1765	1721	12	44978	-306	49

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	76	78 317	1624	39.0782	-29.5180	1847	1801	12	45082	-208	46
DISC91		78 317	1630	39.0872	-29.5313	1893	1845	12	45182	-115	44
DISC91		78 317	1636	39.0960	-29.5447	1872	1827	12	45124	-179	43
DISC91		78 317	1642	39.1048	-29.5580	1893	1845	12	45140	-169	43
DISC91		78 317	1648	39.1138	-29.5713	1877	1831	12	45304	-11	43
DISC91		78 317	1654	39.1227	-29.5848	1898	1851	12	45358	36	44
DISC91		78 317	17 0	39.1315	-29.5982	1934	1885	12	45214	-113	46
DISC91		78 317	17 6	39.1403	-29.6117	1518	1481	12	44978	-356	52
DISC91		78 317	1712	39.1492	-29.6252	1406	1372	12	45032	-308	60
DISC91		78 317	1718	39.1580	-29.6388	1052	1028	12	44996	-350	65
DISC91		78 317	1724	39.1668	-29.6528	1206	1178	12	44916	-436	62
DISC91		78 317	1730	39.1757	-29.6667	1642	1602	12	45220	-138	62
DISC91		78 317	1736	39.1845	-29.6803	1580	1542	12	45440	74	59
DISC91		78 317	1742	39.1932	-29.6943	1549	1512	12	45080	-291	61
DISC91		78 317	1748	39.2018	-29.7083	1262	1233	12	44770	-607	61
DISC91		78 317	1754	39.2105	-29.7225	1272	1242	12	45076	-307	63
DISC91		78 317	18 0	39.2192	-29.7367	1518	1481	12	45102	-287	62
DISC91		78 317	18 6	39.2278	-29.7510	1267	1238	12	44816	-580	64
DISC91		78 317	1812	39.2360	-29.7657	1303	1273	12	44660	-742	64
DISC91		78 317	1818	39.2442	-29.7805	1052	1028	12	44764	-644	60
DISC91		78 317	1824	39.2530	-29.7943	1652	1611	12	45364	-50	55
DISC91		78 317	1830	39.2617	-29.8085	1657	1617	12	45342	-78	50
DISC91		78 317	1836	39.2703	-29.8230	1677	1637	12	45096	-331	48
DISC91		78 317	1842	39.2792	-29.8377	1401	1368	12	45384	-49	49
DISC91		78 317	1848	39.2883	-29.8527	1380	1348	12	46396	956	49
DISC91		78 317	1854	39.2972	-29.8675	1129	1103	12	46506	1059	49
DISC91		78 317	19 0	39.3053	-29.8822	1293	1262	12	46184	731	43
DISC91		78 317	19 6	39.3137	-29.8967	1493	1458	12	46102	643	36
DISC91		78 317	1912	39.3218	-29.9113	1544	1507	12	45894	429	29
DISC91		78 317	1918	39.3300	-29.9258	1749	1706	12	45686	415	23
DISC91		78 317	1924	39.3385	-29.9402	1703	1662	12	46118	641	20
DISC91		78 317	1930	39.3468	-29.9547	1934	1885	12	45718	235	18
DISC91		78 317	1936	39.3552	-29.9690	1903	1856	12	45310	178	19
DISC91		78 317	1942	39.3635	-29.9833	1795	1752	12	45202	293	22
DISC91		78 317	1948	39.3720	-29.9978	1611	1571	12	45138	363	26
DISC91		78 317	1954	39.3805	-30.0120	1672	1631	12	45146	361	27
DISC91		78 317	20 0	39.3888	-30.0260	1826	1781	12	45090	423	25
DISC91		78 317	20 6	39.3972	-30.0400	2016	1966	12	45010	509	23
DISC91		78 317	2012	39.4055	-30.0542	2103	2050	12	44974	551	20
DISC91		78 317	2018	39.4138	-30.0680	2277	2220	12	45052	480	19
DISC91		78 317	2024	39.4222	-30.0820	2349	2291	12	45252	286	22
DISC91		78 317	2030	39.4305	-30.0960	2359	2301	12	45398	146	29
DISC91		78 317	2036	39.4388	-30.1098	1990	1940	12	45458	92	37
DISC91		78 317	2042	39.4470	-30.1233	1872	1827	12	45514	42	43
DISC91		78 317	2048	39.4538	-30.1378	1826	1781	12	45522	39	46
DISC91		78 317	2054	39.4518	-30.1535	2042	1992	12	45508	55	42
DISC91		78 317	21 0	39.4415	-30.1640	2057	2006	12	45516	44	43
DISC91		78 317	21 6	39.4283	-30.1705	2067	2015	12	45484	71	36
DISC91		78 317	2112	39.4152	-30.1773	2072	2021	12	45448	102	33
DISC91		78 317	2118	39.4022	-30.1840	2011	1960	12	45398	147	31
DISC91		78 317	2124	39.3890	-30.1905	1980	1931	12	45352	188	29
DISC91		78 317	2130	39.3760	-30.1972	2077	2026	12	45304	232	28
DISC91		78 317	2136	39.3628	-30.2037	2124	2070	12	45296	235	27
DISC91		78 317	2142	39.3500	-30.2102	1995	1946	12	45260	266	27
DISC91		78 317	2148	39.3368	-30.2170	2052	2001	12	45192	329	30
DISC91		78 317	2154	39.3237	-30.2237	1816	1772	12	45136	380	34
DISC91		78 317	22 0	39.3105	-30.2303	1775	1732	12	45062	449	38
DISC91		78 317	22 6	39.2973	-30.2370	1801	1756	12	44986	520	40
DISC91		78 317	2212	39.2842	-30.2438	1816	1772	12	44976	525	42
DISC91		78 317	2218	39.2707	-30.2508	1744	1701	12	45042	454	41
DISC91		78 317	2224	39.2573	-30.2582	1724	1681	12	45124	367	42
DISC91		78 317	2230	39.2438	-30.2657	1662	1622	12	45220	266	42
DISC91		78 317	2236	39.2298	-30.2688	1647	1608	12	45256	224	48
DISC91		78 317	2242	39.2160	-30.2628	1677	1637	12	45218	255	51
DISC91		78 317	2248	39.2043	-30.2512	1580	1542	12	45120	346	55
DISC91		78 317	2254	39.1948	-30.2365	1539	1501	12	44958	501	56
DISC91		78 317	23 0	39.1855	-30.2218	1339	1308	12	44852	600	56
DISC91		78 317	23 6	39.1763	-30.2072	1672	1631	12	45066	380	51
DISC91		78 317	2312	39.1672	-30.1927	1601	1562	12	45196	243	49
DISC91		78 317	2318	39.1580	-30.1780	1488	1452	12	45050	382	48
DISC91		78 317	2324	39.1488	-30.1635	1431	1397	12	44766	660	47
DISC91		78 317	2330	39.1395	-30.1490	1436	1403	12	44734	685	45
DISC91		78 317	2336	39.1303	-30.1342	1595	1556	12	44764	648	44
DISC91		78 317	2342	39.1213	-30.1195	1539	1501	12	44342	1064	42
DISC91		78 317	2348	39.1123	-30.1047	1498	1461	12	44166	1233	44
DISC91		78 317	2354	39.1033	-30.0898	1406	1372	12	44710	683	46
DISC91	77	78 318	0 0	39.0943	-30.0748	1293	1262	12	45136	250	48
DISC91		78 318	0 6	39.0857	-30.0605	1159	1132	12	45094	286	49
DISC91		78 318	012	39.0767	-30.0467	1344	1313	12	44956	417	45
DISC91		78 318	018	39.0678	-30.0328	1365	1333	12	45586	218	43
DISC91		78 318	024	39.0587	-30.0192	1359	1328	12	45974	613	43
DISC91		78 318	030	39.0495	-30.0055	1395	1359	11	45660	305	47
DISC91		78 318	036	39.0405	-29.9920	1221	1192	12	45666	317	53
DISC91		78 318	042	39.0313	-29.9783	1149	1123	12	45898	556	58
DISC91		78 318	048	39.0222	-29.9647	1067	1042	12	45664	328	61
DISC91		78 318	054	39.0132	-29.9510	1108	1083	12	45562	432	65
DISC91		78 318	1 0	39.0040	-29.9375	954	933	12	45760	437	
DISC91		78 318	1 6	38.9948	-29.9240	677	664	12	45726	409	
DISC91		78 318	112	38.9855	-29.9107	544	534	12	45548	238	
DISC91		78 318	118	38.9763	-29.8972	708	695	12	45410	106	
DISC91		78 318	124	38.9670	-29.8837	862	843	12	45288	-8	
DISC91		78 318	130	38.9578	-29.8703	1026	1004	12	45346	55	
DISC91		78 318	136	38.9487	-29.8570	1113	1088	12	45306	21	

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 318	142	38.9393	-29.8433	1088	1063	12	45150	-127	
DISC91	78 318	148	38.9300	-29.8298	806	788	12	45088	-183	
DISC91	78 318	154	38.9207	-29.8163	1283	1253	12	45122	-142	
DISC91	78 318	2 0	38.9112	-29.8030	1016	993	12	45050	-208	
DISC91	78 318	2 6	38.9020	-29.7893	1324	1293	12	44934	-317	
DISC91	78 318	212	38.8930	-29.7755	1539	1501	12	45174	-71	
DISC91	78 318	218	38.8840	-29.7615	1549	1512	12	45466	227	
DISC91	78 318	224	38.8752	-29.7473	1718	1677	12	45194	-38	
DISC91	78 318	230	38.8662	-29.7332	1765	1721	12	44866	-359	
DISC91	78 318	236	38.8572	-29.7192	1734	1692	12	44642	-577	
DISC91	78 318	242	38.8483	-29.7050	1718	1677	12	44536	-677	
DISC91	78 318	248	38.8393	-29.6910	1816	1772	12	44740	-466	
DISC91	78 318	254	38.8305	-29.6768	1785	1741	12	45062	-138	
DISC91	78 318	3 0	38.8217	-29.6627	1842	1796	12	45288	94	
DISC91	78 318	3 6	38.8130	-29.6483	1831	1787	12	45288	100	
DISC91	78 318	312	38.8048	-29.6340	1836	1790	12	45168	-13	
DISC91	78 318	318	38.7965	-29.6200	1744	1701	12	45106	-69	
DISC91	78 318	324	38.7882	-29.6058	1816	1772	12	44992	-177	
DISC91	78 318	330	38.7798	-29.5915	1867	1821	12	44902	-261	
DISC91	78 318	336	38.7715	-29.5773	1929	1882	12	44774	-382	
DISC91	78 318	342	38.7632	-29.5632	2042	1992	12	44728	-422	
DISC91	78 318	348	38.7545	-29.5485	1959	1911	12	44806	-338	
DISC91	78 318	354	38.7457	-29.5342	1903	1856	12	44940	-198	
DISC91	78 318	4 0	38.7370	-29.5220	1924	1876	12	45004	-127	
DISC91	78 318	4 6	38.7283	-29.5083	1964	1915	12	44944	-181	
DISC91	78 318	412	38.7195	-29.4947	1974	1926	12	44962	-157	
DISC91	78 318	418	38.7108	-29.4808	1924	1876	12	44962	-151	
DISC91	78 318	424	38.7020	-29.4672	1967	1918	12	44768	-338	
DISC91	78 318	430	38.6932	-29.4533	1891	1843	12	44666	-434	
DISC91	78 318	436	38.6845	-29.4397	1802	1757	12	44646	-448	
DISC91	78 318	442	38.6757	-29.4258	1765	1721	12	44642	-446	
DISC91	78 318	448	38.6668	-29.4122	1636	1597	12	44620	-461	
DISC91	78 318	454	38.6580	-29.3983	1767	1723	12	44598	-477	
DISC91	78 318	5 0	38.6495	-29.3850	1744	1701	12	44634	-435	
DISC91	78 318	5 6	38.6405	-29.3715	1570	1533	12	44690	-372	
DISC91	78 318	512	38.6317	-29.3582	1704	1662	12	44690	-366	
DISC91	78 318	518	38.6228	-29.3447	1770	1726	12	44646	-404	
DISC91	78 318	524	38.6140	-29.3312	1795	1752	12	44678	-366	
DISC91	78 318	530	38.6052	-29.3178	1843	1798	12	44758	-279	
DISC91	78 318	536	38.5963	-29.3043	1899	1853	12	44812	-219	
DISC91	78 318	542	38.5875	-29.2908	1935	1887	12	44826	-199	
DISC91	78 318	548	38.5785	-29.2773	1939	1891	12	44782	-236	
DISC91	78 318	554	38.5697	-29.2640	1961	1913	12	44686	-326	
DISC91	78 318	6 0	38.5608	-29.2505	1929	1882	12	44570	-436	
DISC91	78 318	6 6	38.5518	-29.2370	1906	1860	12	44532	-468	
DISC91	78 318	612	38.5430	-29.2235	1866	1820	12	44594	-399	
DISC91	78 318	618	38.5343	-29.2100	1842	1796	12	44642	-345	
DISC91	78 318	624	38.5255	-29.1958	1863	1818	12	44640	-341	
DISC91	78 318	630	38.5167	-29.1817	1857	1811	12	44608	-366	
DISC91	78 318	636	38.5077	-29.1673	1870	1823	12	44538	-430	
DISC91	78 318	642	38.4988	-29.1532	1884	1838	12	44476	-486	
DISC91	78 318	648	38.4902	-29.1390	1836	1790	12	44452	-503	
DISC91	78 318	654	38.4813	-29.1248	1791	1747	12	44440	-509	
DISC91	78 318	7 0	38.4727	-29.1107	1730	1688	12	44394	-549	
DISC91	78 318	7 6	38.4640	-29.0965	1703	1662	12	44320	-616	
DISC91	78 318	712	38.4552	-29.0825	1670	1629	12	44242	-688	
DISC91	78 318	718	38.4463	-29.0682	1477	1443	12	44216	-707	
DISC91	78 318	724	38.4375	-29.0540	1580	1542	12	44326	-591	
DISC91	78 318	730	38.4262	-29.0438	1370	1337	12	44486	-424	
DISC91	78 318	736	38.4127	-29.0432	1647	1608	12	44560	-344	
DISC91	78 318	742	38.4020	-29.0537	1606	1567	12	44528	-372	
DISC91	78 318	748	38.3947	-29.0687	1556	1518	12	44482	-417	
DISC91	78 318	754	38.3875	-29.0842	1495	1459	12	44410	-488	
DISC91	78 318	8 0	38.3805	-29.0997	1262	1233	12	44426	-472	
DISC91	78 318	8 6	38.3735	-29.1152	1125	1099	12	44482	-415	
DISC91	78 318	812	38.3665	-29.1308	1113	1088	12	44478	-418	
DISC91	78 318	818	38.3597	-29.1465	867	849	12	44532	-363	
DISC91	78 318	824	38.3528	-29.1623	1016	993	12	44646	-248	
DISC91	78 318	830	38.3460	-29.1780	888	869	12	44808	-86	
DISC91	78 318	836	38.3392	-29.1935	773	757	12	44910	16	
DISC91	78 318	842	38.3325	-29.2088	672	660	12	44958	65	
DISC91	78 318	848	38.3255	-29.2240	759	744	12	44934	42	
DISC91	78 318	854	38.3187	-29.2392	713	699	12	44954	63	
DISC91	78 318	9 0	38.3118	-29.2542	667	655	12	44994	103	
DISC91	78 318	9 6	38.3052	-29.2693	703	689	12	44872	-17	
DISC91	78 318	912	38.2983	-29.2845	815	797	12	44848	-40	
DISC91	78 318	918	38.2915	-29.2997	898	878	12	44868	-19	
DISC91	78 318	924	38.2845	-29.3150	903	883	12	44834	-52	
DISC91	78 318	930	38.2773	-29.3303	911	892	12	44860	-25	
DISC91	78 318	936	38.2723	-29.3467	863	845	12	44806	-80	
DISC91	78 318	942	38.2767	-29.3630	863	845	12	44670	-220	
DISC91	78 318	948	38.2855	-29.3767	859	841	12	44544	-352	
DISC91	78 318	954	38.2950	-29.3895	908	889	12	44588	-315	
DISC91	78 318	10 0	38.3053	-29.4013	881	861	12	44720	-190	
DISC91	78 318	10 6	38.3147	-29.4147	825	808	12	44694	-222	
DISC91	78 318	1012	38.3240	-29.4280	990	969	12	44470	-453	86
DISC91	78 318	1018	38.3333	-29.4413	1134	1108	12	44460	-469	76
DISC91	78 318	1024	38.3428	-29.4545	1451	1415	12	44560	-376	66
DISC91	78 318	1030	38.3520	-29.4678	1550	1512	12	44692	-250	60
DISC91	78 318	1036	38.3612	-29.4810	1554	1516	12	44796	-152	60
DISC91	78 318	1042	38.3705	-29.4943	1544	1507	12	44794	-161	61
DISC91	78 318	1048	38.3798	-29.5075	1462	1429	12	44708	-253	63
DISC91	78 318	1054	38.3890	-29.5208	1452	1417	12	44572	-396	64

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	7778 318	11 0	38.3982	-29.5340	1421	1388	12	44426	-548	65
DISC91	78 318	11 6	38.4075	-29.5473	1436	1403	12	44412	-569	66
DISC91	78 318	1112	38.4167	-29.5605	1401	1368	12	44500	-487	67
DISC91	78 318	1118	38.4260	-29.5738	1414	1381	12	44566	-427	67
DISC91	78 318	1124	38.4353	-29.5872	1411	1377	12	44620	-380	68
DISC91	78 318	1130	38.4447	-29.6005	1303	1273	12	44700	-306	69
DISC91	78 318	1136	38.4536	-29.6138	1406	1372	12	44854	-159	67
DISC91	78 318	1142	38.4632	-29.6272	1352	1320	12	44910	-109	66
DISC91	78 318	1148	38.4722	-29.6405	1457	1423	12	44834	-192	63
DISC91	78 318	1154	38.4813	-29.6535	1647	1608	12	44732	-300	58
DISC91	78 318	12 0	38.4903	-29.6665	1718	1677	12	44678	-360	53
DISC91	78 318	12 6	38.4997	-29.6795	1749	1706	12	44618	-427	50
DISC91	78 318	1212	38.5088	-29.6927	1811	1767	12	44566	-485	49
DISC91	78 318	1218	38.5180	-29.7058	1836	1790	12	44628	-429	47
DISC91	78 318	1224	38.5272	-29.7188	1836	1790	12	44732	-332	44
DISC91	78 318	1230	38.5365	-29.7320	1872	1827	12	44768	-302	40
DISC91	78 318	1236	38.5457	-29.7450	1965	1917	12	44768	-309	36
DISC91	78 318	1242	38.5548	-29.7580	2042	1992	12	44800	-283	34
DISC91	78 318	1248	38.5635	-29.7702	2031	1981	12	44874	-215	31
DISC91	78 318	1254	38.5727	-29.7835	2165	2110	12	44918	-177	30
DISC91	78 318	13 0	38.5817	-29.7970	2144	2090	12	44902	-200	29
DISC91	78 318	13 6	38.5907	-29.8103	2221	2165	12	44880	-228	29
DISC91	78 318	1312	38.5992	-29.8240	2283	2226	12	44786	-328	31
DISC91	78 318	1318	38.6072	-29.8382	2154	2101	12	44698	-422	34
DISC91	78 318	1324	38.6152	-29.8525	1877	1831	12	44724	-402	37
DISC91	78 318	1330	38.6233	-29.8668	1744	1701	12	44816	-316	40
DISC91	78 318	1336	38.6313	-29.8812	1877	1831	12	44898	-240	43
DISC91	78 318	1342	38.6393	-29.8953	1765	1721	12	44984	-160	46
DISC91	78 318	1348	38.6473	-29.9097	1713	1672	12	44962	-188	49
DISC91	78 318	1354	38.6553	-29.9238	1570	1533	12	44892	-264	54
DISC91	78 318	14 0	38.6633	-29.9382	1313	1282	12	44938	-224	61
DISC91	78 318	14 6	38.6713	-29.9525	1308	1278	12	45132	-36	66
DISC91	78 318	1412	38.6785	-29.9677	1180	1152	12	45260	85	70
DISC91	78 318	1418	38.6820	-29.9848	1031	1008	12	45212	33	72
DISC91	78 318	1424	38.6848	-30.0025	924	903	12	45058	-125	72
DISC91	78 318	1430	38.6875	-30.0197	941	920	12	45300	112	72
DISC91	78 318	1436	38.6907	-30.0365	1006	984	12	45354	162	73
DISC91	78 318	1442	38.6972	-30.0517	970	949	12	45544	346	74
DISC91	78 318	1448	38.7066	-30.0650	913	894	12	45768	564	72
DISC91	78 318	1454	38.7153	-30.0783	924	903	12	45616	405	68
DISC91	78 318	15 0	38.7245	-30.0917	1108	1083	12	45606	389	62
DISC91	78 318	15 6	38.7340	-30.1047	1026	1004	12	45666	442	58
DISC91	78 318	1512	38.7440	-30.1168	1136	1110	12	45492	262	54
DISC91	78 318	1518	38.7542	-30.1290	1221	1192	12	45118	-118	51
DISC91	78 318	1524	38.7643	-30.1413	1411	1377	12	45292	48	49
DISC91	78 318	1530	38.7745	-30.1535	1262	1233	12	45248	-2	52
DISC91	78 318	1536	38.7847	-30.1657	1129	1103	12	45188	-69	56
DISC91	78 318	1542	38.7948	-30.1778	893	874	12	45450	186	58
DISC91	78 318	1548	38.8050	-30.1902	1190	1163	12	44914	-356	52
DISC91	78 318	1554	38.8150	-30.2023	1416	1383	12	44226	-1051	47
DISC91	78 318	16 0	38.8250	-30.2148	1380	1348	12	43790	-1494	43
DISC91	78 318	16 6	38.8347	-30.2273	1513	1478	12	44194	-1096	42
DISC91	78 318	1612	38.8438	-30.2405	1549	1512	12	44616	-681	41
DISC91	78 318	1618	38.8530	-30.2537	1565	1527	12	44808	-495	40
DISC91	78 318	1624	38.8622	-30.2668	1559	1522	12	44956	-354	37
DISC91	78 318	1630	38.8713	-30.2800	1734	1692	12	45150	-166	33
DISC91	78 318	1636	38.8807	-30.2932	1869	1823	12	45050	-273	30
DISC91	78 318	1642	38.8898	-30.3063	1929	1882	12	44794	-535	28
DISC91	78 318	1648	38.8990	-30.3195	1970	1920	12	44800	-536	28
DISC91	78 318	1654	38.9080	-30.3322	1985	1937	12	45106	-236	31
DISC91	78 318	17 0	38.9170	-30.3443	1965	1917	12	45346	-2	32
DISC91	78 318	17 6	38.9235	-30.3583	1939	1891	12	45352	-2	34
DISC91	78 318	1712	38.9210	-30.3747	1898	1851	12	45234	-121	40
DISC91	78 318	1718	38.9110	-30.3870	1411	1377	12	45228	-125	50
DISC91	78 318	1724	38.8980	-30.3943	1195	1169	12	45306	-42	53
DISC91	78 318	1730	38.8848	-30.4013	1344	1313	12	45274	-69	54
DISC91	78 318	1736	38.8717	-30.4083	1421	1388	12	45196	-142	50
DISC91	78 318	1742	38.8587	-30.4153	1657	1617	12	45150	-183	49
DISC91	78 318	1748	38.8455	-30.4225	1811	1767	12	45058	-270	49
DISC91	78 318	1754	38.8325	-30.4295	1857	1811	12	44996	-327	50
DISC91	78 318	18 0	38.8193	-30.4367	1852	1807	12	45000	-318	51
DISC91	78 318	18 6	38.8062	-30.4438	1647	1608	12	45064	-249	53
DISC91	78 318	1812	38.7930	-30.4508	1734	1692	12	45076	-232	54
DISC91	78 318	1818	38.7798	-30.4578	1934	1885	12	45060	-243	52
DISC91	78 318	1824	38.7667	-30.4650	1826	1781	12	45090	-208	51
DISC91	78 318	1830	38.7537	-30.4722	1734	1692	12	45104	-189	47
DISC91	78 318	1836	38.7397	-30.4755	1693	1651	12	45110	-177	52
DISC91	78 318	1842	38.7252	-30.4743	1785	1741	12	45148	-132	43
DISC91	78 318	1848	38.7120	-30.4673	2052	2001	12	45138	-134	45
DISC91	78 318	1854	38.7022	-30.4542	2206	2151	12	45092	-174	41
DISC91	78 318	19 0	38.6927	-30.4403	2103	2050	12	45030	-229	43
DISC91	78 318	19 6	38.6832	-30.4266	1729	1686	12	44996	-256	46
DISC91	78 318	1912	38.6735	-30.4135	1934	1885	12	44982	-263	48
DISC91	78 318	1918	38.6645	-30.3997	1903	1856	12	45028	-211	48
DISC91	78 318	1924	38.6553	-30.3857	1801	1756	12	45076	-156	47
DISC91	78 318	1930	38.6465	-30.3717	1908	1862	12	45064	-162	43
DISC91	78 318	1936	38.6377	-30.3577	1826	1781	12	44834	-385	42
DISC91	78 318	19402	38.6288	-30.3435	1652	1611	12	44448	-765	43
DISC91	78 318	1948	38.6200	-30.3293	1749	1706	12	44262	-944	44
DISC91	78 318	1954	38.6112	-30.3152	1718	1677	12	44178	-1022	42
DISC91	78 318	20 0	38.6022	-30.3010	1729	1686	12	44344	-849	41
DISC91	78 318	20 6	38.5933	-30.2868	1698	1657	12	44636	-551	39
DISC91	78 318	2012	38.5845	-30.2727	1647	1608	12	44976	-204	37

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 318	2018	38.5757	-30.2587	1806	1761	12	45074	-100	32
DISC91	78 318	2024	38.5668	-30.2445	1893	1845	12	44976	-191	28
DISC91	78 318	2030	38.5580	-30.2303	2036	1986	12	44952	-209	27
DISC91	78 318	2036	38.5492	-30.2163	1831	1787	12	45028	-126	28
DISC91	78 318	2042	38.5402	-30.2022	1667	1626	12	45476	327	32
DISC91	78 318	2048	38.5315	-30.1880				45644	502	33
DISC91	78 318	2054	38.5225	-30.1738	1754	1712	12	45588	452	34
DISC91	78 318	21 0	38.5137	-30.1598	1708	1666	12	45532	403	33
DISC91	78 318	21 6	38.5048	-30.1457	1749	1706	12	45334	211	33
DISC91	78 318	2112	38.4960	-30.1315	1821	1776	12	45164	48	32
DISC91	78 318	2118	38.4870	-30.1173	1898	1851	12	45026	-83	31
DISC91	78 318	2124	38.4782	-30.1033	1903	1856	12	44848	-254	30
DISC91	78 318	2130	38.4693	-30.0892	2047	1995	12	44670	-426	30
DISC91	78 318	2136	38.4605	-30.0752	2103	2050	12	44402	-687	32
DISC91	78 318	2142	38.4517	-30.0610	2052	2001	12	44316	-767	36
DISC91	78 318	2148	38.4427	-30.0468	2021	1971	12	44432	-644	41
DISC91	78 318	2154	38.4337	-30.0327	1934	1885	12	44560	-510	48
DISC91	78 318	22 0	38.4248	-30.0187	1713	1672	12	44730	-333	56
DISC91	78 318	22 6	38.4160	-30.0045	1462	1426	12	44974	-83	66
DISC91	78 318	2212	38.4070	-29.9905	949	929	12	45160	109	75
DISC91	78 318	2218	38.3980	-29.9767	1242	1212	12	44900	-144	75
DISC91	78 318	2224	38.3890	-29.9627	1324	1293	12	44850	-187	70
DISC91	78 318	2230	38.3800	-29.9488	1334	1302	12	44914	-117	62
DISC91	78 318	2236	38.3708	-29.9348	1724	1681	12	44802	-222	51
DISC91	78 318	2242	38.3618	-29.9210	1995	1946	12	44822	-196	37
DISC91	78 318	2248	38.3528	-29.9072	2252	2196	12	44882	-130	25
DISC91	78 318	2254	38.3440	-29.8933	2498	2436	12	44922	-83	16
DISC91	78 318	23 0	38.3347	-29.8798	2549	2487	12	44930	-69	12
DISC91	78 318	23 6	38.3253	-29.8663	2570	2507	12	44904	-88	11
DISC91	78 318	2312	38.3160	-29.8528	2575	2511	12	44864	-122	11
DISC91	78 318	2318	38.3075	-29.8388	2585	2522	12	44830	-149	12
DISC91	78 318	2324	38.3052	-29.8218	2606	2542	12	44804	-172	10
DISC91	78 318	2330	38.3078	-29.8047	2616	2551	12	44786	-188	9
DISC91	78 318	2336	38.3157	-29.7905	2621	2557	12	44786	-190	5
DISC91	78 318	2342	38.3275	-29.7813	2667	2602	12	44806	-174	3
DISC91	78 318	2348	38.3410	-29.7780	2667	2602	12	44836	-150	-4
DISC91	78 318	2354	38.3550	-29.7780	2673	2608	12	44856	-136	-2
DISC91	78 319	0 0	38.3692	-29.7782	2693	2626	12	44872	-127	0
DISC91	78 319	0 6	38.3830	-29.7798	2708	2643	12	44878	-128	3
DISC91	78 319	012	38.3965	-29.7852	2462	2401	12	44878	-135	10
DISC91	78 319	018	38.4098	-29.7908	2318	2260	12	44872	-148	15
DISC91	78 319	024	38.4233	-29.7963	2431	2372	12	44868	-159	19
DISC91	78 319	030	38.4367	-29.8020	2359	2301	12	44882	-152	21
DISC91	78 319	036	38.4502	-29.8075	2370	2312	12	44916	-126	22
DISC91	78 319	042	38.4635	-29.8133	2262	2206	12	44940	-109	24
DISC91	78 319	048	38.4773	-29.8183	2252	2196	12	44912	-144	24
DISC91	78 319	054	38.4910	-29.8232	2279	2224	12	44848	-215	22
DISC91	78 319	1 0	38.5047	-29.8280	2308	2251	12	44792	-278	20
DISC91	78 319	1 6	38.5183	-29.8325	2329	2271	12	44764	-314	20
DISC91	78 319	112	38.5320	-29.8372	2313	2257	12	44764	-321	20
DISC91	78 319	118	38.5458	-29.8413	2339	2281	12	44780	-312	22
DISC91	78 319	124	38.5595	-29.8455	2298	2240	12	44798	-301	24
DISC91	78 319	130	38.5732	-29.8497	2134	2081	12	44790	-316	27
DISC91	78 319	136	38.5870	-29.8538	2064	2014	12	44762	-351	30
DISC91	78 319	142	38.6005	-29.8585	2052	2001	12	44724	-396	32
DISC91	78 319	148	38.6142	-29.8633	2059	2008	12	44736	-391	36
DISC91	78 319	154	38.6278	-29.8682	1744	1701	12	44832	-303	40
DISC91	78 319	2 0	38.6417	-29.8730	1780	1736	12	44974	-168	44
DISC91	78 319	2 6	38.6552	-29.8777	1785	1741	12	45076	-73	47
DISC91	78 319	212	38.6692	-29.8823	1826	1781	12	45166	9	51
DISC91	78 319	218	38.6835	-29.8870	1539	1501	12	45232	67	56
DISC91	78 319	224	38.6978	-29.8918	1354	1322	12	45154	-17	62
DISC91	78 319	230	38.7123	-29.8967	1180	1152	12	44888	-291	67
DISC91	78 319	236	38.7267	-29.9013	1129	1103	12	44658	-528	68
DISC91	78 319	242	38.7407	-29.9060	1057	1033	12	44678	-516	66
DISC91	78 319	248	38.7547	-29.9107	1231	1203	12	44824	-377	60
DISC91	78 319	254	38.7685	-29.9153	1447	1412	12	44886	-322	54
DISC91	78 319	3 0	38.7825	-29.9198	1477	1443	12	44966	-249	50
DISC91	78 319	3 6	38.7962	-29.9245	1477	1443	12	45078	-145	48
DISC91	78 319	312	38.8100	-29.9293	1462	1426	12	45050	-180	46
DISC91	78 319	318	38.8237	-29.9345	1436	1403	12	45078	-159	47
DISC91	78 319	324	38.8375	-29.9397	1406	1372	12	45196	-48	48
DISC91	78 319	330	38.8510	-29.9448	1370	1337	12	45366	113	50
DISC91	78 319	336	38.8647	-29.9500	1293	1262	12	45536	276	53
DISC91	78 319	342	38.8763	-29.9552	1190	1163	12	45642	375	59
DISC91	78 319	348	38.8922	-29.9605	1146	1119	12	45492	218	62
DISC91	78 319	354	38.9053	-29.9658	944	924	12	45350	68	67
DISC91	78 319	4 0	38.9193	-29.9710	852	834	12	45416	127	70
DISC91	78 319	4 6	38.9332	-29.9758	924	903	12	45654	358	71
DISC91	78 319	412	38.9465	-29.9806	935	914	12	45408	105	69
DISC91	78 319	418	38.9600	-29.9860	898	878	12	45374	64	61
DISC91	78 319	424	38.9742	-29.9862	967	945	12	45176	-140	61
DISC91	78 319	430	38.9876	-29.9865	1115	1088	12	45253	-67	59
DISC91	78 319	436	39.0013	-29.9747	1113	1088	12	45502	174	58
DISC91	78 319	442	39.0150	-29.9688	1134	1108	12	45566	233	59
DISC91	78 319	448	39.0287	-29.9632	1062	1039	12	45716	377	60
DISC91	78 319	454	39.0422	-29.9575	1047	1024	12	45604	260	60
DISC91	78 319	5 0	39.0558	-29.9518	1101	1075	12	45606	257	58
DISC91	78 319	5 6	39.0695	-29.9460	949	929	12	45664	309	57
DISC91	78 319	512	39.0832	-29.9402	1052	1028	12	45960	600	55
DISC91	78 319	518	39.0967	-29.9345	1026	1004	12	46082	717	54
DISC91	78 319	524	39.1103	-29.9287	1050	1037	12	46090	719	53
DISC91	78 319	530	39.1240	-29.9230	1185	1158	12	46008	632	

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 319	536	39.1377	-29.9173	1011	988	12	46204	822	50
DISC91	78 319	542	39.1513	-29.9117	1206	1178	12	45962	575	48
DISC91	78 319	548	39.1650	-29.9060	1088	1063	12	45822	430	47
DISC91	78 319	554	39.1787	-29.9005	1303	1273	12	45848	450	45
DISC91	78 319	6 0	39.1922	-29.8950	1409	1375	12	46104	701	44
DISC91	78 319	6 6	39.2058	-29.8895	1380	1348	12	46090	682	44
DISC91	78 319	612	39.2193	-29.8842	1401	1368	12	46028	614	44
DISC91	78 319	618	39.2330	-29.8790	1375	1342	12	46142	723	45
DISC91	78 319	624	39.2465	-29.8738	1313	1282	12	46226	801	45
DISC91	78 319	630	39.2600	-29.8688	1226	1198	12	46410	980	46
DISC91	78 319	636	39.2735	-29.8637	1185	1156	12	46436	1001	47
DISC91	78 319	642	39.2872	-29.8585	1329	1297	12	46502	1061	49
DISC91	78 319	648	39.3007	-29.8535	1354	1322	12	46482	1036	49
DISC91	78 319	654	39.3143	-29.8485	1314	1284	12	46624	1172	52
DISC91	78 319	7 0	39.3278	-29.8428	1313	1282	12	46380	923	51
DISC91	78 319	7 6	39.3410	-29.8365	1257	1228	12	46056	594	47
DISC91	78 319	712	39.3545	-29.8305	1442	1406	12	46050	583	44
DISC91	78 319	718	39.3678	-29.8238	1406	1372	12	46120	648	40
DISC91	78 319	724	39.3812	-29.8175	2067	2015	12	46264	787	37
DISC91	78 319	730	39.3943	-29.8113	1872		12	46380	897	35
DISC91	78 319	736	39.4078	-29.8062	1831		12	46142	654	-951
DISC91	78 319	754	39.4565	-29.7548	2175		12			
DISC91	78 319	8 0	39.4565	-29.7548	2236		12			
DISC91	78 319	8 6	39.4565	-29.7548	2093		12			
DISC91	78 319	812	39.4565	-29.7548	2031		12			
DISC91	78 319	818	39.4565	-29.7546	1842		12			
DISC91	78 319	824	39.4565	-29.7548	1573		12			
DISC91	78 319	830	39.4565	-29.7548	1477		12			
DISC91	78 319	836	39.4565	-29.7548	1770		12			
DISC91	78 319	842	39.4565	-29.7548	1997		12			
DISC91	78 319	848	39.4565	-29.7548	1939		12			
DISC91	78 319	854	39.4565	-29.7548	1765		12			
DISC91	78 319	9 0	39.4565	-29.7548	1946		12			
DISC91	78 319	9 6	39.4565	-29.7548	2027		12			
DISC91	78 319	912	39.4565	-29.7548	1998		12			
DISC91	78 319	918	39.4565	-29.7548	1744		12			
DISC91	78 319	924	39.4565	-29.7548	1683		12			
DISC91	78 319	930	39.4565	-29.7548	1662		12			
DISC91	78 319	936	39.4565	-29.7548	1854		12			
DISC91	78 319	942	39.4565	-29.7548	1853		12			
DISC91	78 319	948	39.4565	-29.7548	1889		12			
DISC91	78 319	954	39.4408	-29.3913	1924		12	45112	-325	50
DISC91	78 319	10 0	39.4380	-29.3730	2004		12	45168	-264	51
DISC91	78 319	10 6	39.4370	-29.3545	1980	1931	12	45176	-253	55
DISC91	78 319	1012	39.4362	-29.3358	1380	1348	12	45056	-370	61
DISC91	78 319	1018	39.4338	-29.3173	1595	1556	12	44920	-502	62
DISC91	78 319	1024	39.4338	-29.2988	1694	1653	12	45012	-407	59
DISC91	78 319	1030	39.4325	-29.2803	1770	1725	12	45170	-245	55
DISC91	78 319	1036	39.4313	-29.2615	1839	1790	12	45244	-168	53
DISC91	78 319	1042	39.4298	-29.2425	1927	1880	12	45222	-186	52
DISC91	78 319	1048	39.4283	-29.2235	1790	1747	12	45162	-242	48
DISC91	78 319	1054	39.4268	-29.2045	1931	1884	12	45078	-323	47
DISC91	78 319	11 0	39.4252	-29.1855	1852	1807	12	45076	-321	44
DISC91	78 319	11 6	39.4237	-29.1665	1959	1911	12	45188	-207	43
DISC91	78 319	1112	39.4222	-29.1477	1977	1928	12	45256	-134	42
DISC91	78 319	1118	39.4207	-29.1288	1952	1904	12	45342	-44	41
DISC91	78 319	1124	39.4200	-29.1102	1939	1891	12	45420	36	40
DISC91	78 319	1130	39.4193	-29.0912	1959	1911	12	45318	-61	37
DISC91	78 319	1136	39.4185	-29.0723	1989	1940	12	45120	-256	34
DISC91	78 319	1142	39.4178	-29.0530	2050	1999	12	44946	-427	29
DISC91	78 319	1148	39.4167	-29.0348	2165	2110	12	44924	-445	26
DISC91	78 319	1154	39.4153	-29.0168	2159	2107	12	45012	-354	22
DISC91	78 319	12 0	39.4140	-28.9987	2165	2110	12	45108	-254	21
DISC91	78 319	12 6	39.4128	-28.9807	2162	2109	12	45142	-217	21
DISC91	78 319	1212	39.4117	-28.9625	2180	2125	12	45160	-196	21
DISC91	78 319	1218	39.4103	-28.9445	2108	2056	12	45188	-165	22
DISC91	78 319	1224	39.4090	-28.9265	2134	2081	12	45228	-121	22
DISC91	78 319	1230	39.4075	-28.9083	2118	2067	12	45182	-164	21
DISC91	78 319	1236	39.4062	-28.8903	2113	2061	12	45052	-291	22
DISC91	78 319	1242	39.4047	-28.8723	2093	2041	12	44914	-425	22
DISC91	78 319	1248	39.4032	-28.8543	2062	2012	12	44870	-466	23
DISC91	78 319	1254	39.4017	-28.8362	2103	2050	12	44932	-401	24
DISC91	78 319	13 0	39.4002	-28.8182	2154	2101	12	45044	-285	25
DISC91	78 319	13 6	39.3987	-28.8000	2252	2196	12	45114	-212	28
DISC91	78 319	1312	39.3973	-28.7818	2052	2001	12	45104	-218	30
DISC91	78 319	1318	39.3958	-28.7637	2047	1995	12	45014	-305	31
DISC91	78 319	1324	39.3943	-28.7455	2057	2006	12	45008	-308	30
DISC91	78 319	1330	39.3928	-28.7275	2072	2021	12	44994	-318	30
DISC91	78 319	1336	39.3913	-28.7093	2072	2021	12	44974	-335	31
DISC91	78 319	1342	39.3898	-28.6912	2057	2006	12	44966	-339	32
DISC91	78 319	1348	39.3883	-28.6732	2052	2001	12	44938	-364	33
DISC91	78 319	1354	39.3868	-28.6552	2072	2021	12	44976	-323	33
DISC91	78 319	14 0	39.3853	-28.6372	2001	1951	12	45110	-185	32
DISC91	78 319	14 6	39.3820	-28.6197	2003	1953	12	45212	-79	32
DISC91	78 319	1412	39.3755	-28.6038	1995	1946	12	45258	-28	33
DISC91	78 319	1418	39.3688	-28.5882	1977	1928	12	45212	-68	33
DISC91	78 319	1424	39.3622	-28.5723	1954	1906	12	45072	-203	34
DISC91	78 319	1430	39.3555	-28.5565	1934	1885	12	44980	-290	38
DISC91	78 319	1436	39.3488	-28.5407	1913	1865	12	44864	-400	40
DISC91	78 319	1442	39.3422	-28.5247	1929	1882	12	44608	-651	42
DISC91	78 319	1448	39.3355	-28.5088	1918	1871	12	44584	-669	44
DISC91	78 319	1454	39.3287	-28.4928	1652	1807	12	44740	-508	46
DISC91	78 319	15 0	39.3218	-28.4772	1826	1781	12	44886	-356	47

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 319	15 6	39.3150	-28.4613	1785	1741	12	44984	-253	46
DISC91	78 319	1512	39.3083	-28.4455	1775	1732	12	45072	-159	45
DISC91	78 319	1518	39.3015	-28.4295	1754	1712	12	45194	-32	45
DISC91	78 319	1524	39.2947	-28.4135	1785	1741	12	45224	3	45
DISC91	78 319	1530	39.2880	-28.3975	1748	1705	12	45142	-73	44
DISC91	78 319	1536	39.2812	-28.3817	1718	1677	12	45072	-137	47
DISC91	78 319	1542	39.2745	-28.3657	1654	1613	12	45130	-74	49
DISC91	78 319	1548	39.2673	-28.3492	1621	1582	12	45202	3	52
DISC91	78 319	1554	39.2603	-28.3330	1590	1551	12	45156	-37	51
DISC91	78 319	16 0	39.2537	-28.3170	1559	1522	12	45124	-53	51
DISC91	78 319	16 6	39.2468	-28.3012	1485	1448	12	45152	-30	51
DISC91	78 319	1612	39.2400	-28.2852	1503	1467	12	45162	-14	51
DISC91	78 319	1618	39.2332	-28.2692	1452	1417	12	45154	-17	52
DISC91	78 319	1624	39.2265	-28.2532	1472	1437	12	45198	32	51
DISC91	78 319	1630	39.2197	-28.2373	1462	1426	12	45192	51	51
DISC91	78 319	1636	39.2128	-28.2213	1449	1414	12	45164	-30	50
DISC91	78 319	1642	39.2062	-28.2053	1416	1383	12	45092	-57	50
DISC91	78 319	1648	39.1992	-28.1892	1385	1351	12	44970	-173	50
DISC91	78 319	1654	39.1923	-28.1732	1354	1322	12	44802	-336	49
DISC91	78 319	17 0	39.1855	-28.1572	1267	1238	12	44762	-370	49
DISC91	78 319	17 6	39.1787	-28.1412	1318	1287	12	44868	-259	52
DISC91	78 319	1712	39.1700	-28.1268	1108	1083	12	44700	-420	55
DISC91	78 319	1718	39.1552	-28.1130	662	649	12	44732	-382	58
DISC91	78 319	1724	39.1488	-28.1150	431	424	12	44846	-261	67
DISC91	78 319	1730	39.1318	-28.1223	483	475	12	44852	-250	63
DISC91	78 319	1736	39.1193	-28.1318	524	514	12	44748	-350	53
DISC91	78 319	1742	39.1068	-28.1417	365	360	12	44626	-468	70
DISC91	78 319	1748	39.0940	-28.1522	277	274	12	44880	-209	78
DISC91	78 319	1754	39.0813	-28.1613	341	336	12	45160	74	72
DISC91	78 319	18 0	39.0687	-28.1707	662	649	12	45410	328	55
DISC91	78 319	18 6	39.0558	-28.1800	913	894	12	45292	215	52
DISC91	78 319	1812	39.0430	-28.1890	1175	1148	12	45202	129	52
DISC91	78 319	1818	39.0302	-28.1980	1411	1377	12	45114	46	54
DISC91	78 319	1824	39.0172	-28.2070	1606	1567	12	45008	-54	18
DISC91	78 319	1830	39.0042	-28.2162	1749	1706	12	44894	-164	16
DISC91	78 319	1836	38.9913	-28.2253	1867	1821	12	44892	-161	14
DISC91	78 319	1842	38.9785	-28.2348	1934	1885	12	44832	-217	15
DISC91	78 319	1848	38.9658	-28.2447	1975	1926	12	44754	-290	20
DISC91	78 319	1854	38.9532	-28.2542	1626	1587	12	44738	-302	28
DISC91	78 319	19 0	38.9407	-28.2637	1370	1337	12	44768	-267	39
DISC91	78 319	19 6	38.9282	-28.2732	1298	1267	12	44772	-259	46
DISC91	78 319	1912	38.9162	-28.2833	1308	1278	12	44778	-249	50
DISC91	78 319	1918	38.9043	-28.2935	1226	1198	12	44774	-249	52
DISC91	78 319	1924	38.8925	-28.3042	1185	1158	12	44850	-169	53
DISC91	78 319	1930	38.8808	-28.3150	1272	1245	12	44846	-169	51
DISC91	78 319	1936	38.8692	-28.3258	1293	1262	12	44808	-203	47
DISC91	78 319	1942	38.8577	-28.3365	1308	1278	12	44790	-217	43
DISC91	78 319	1948	38.8460	-28.3473	1293	1262	12	44796	-207	42
DISC91	78 319	1954	38.8345	-28.3560	1252	1223	12	44778	-221	43
DISC91	78 319	20 0	38.8235	-28.3683	1170	1143	12	44758	-235	43
DISC91	78 319	20 6	38.8127	-28.3788	1062	1039	12	44730	-262	45
DISC91	78 319	2012	38.8017	-28.3895	816	799	12	44686	-303	50
DISC91	78 319	2018	38.7907	-28.4003	513	505	12	44690	-295	60
DISC91	78 319	2024	38.7795	-28.4108	354	349	12	44912	-69	66
DISC91	78 319	2030	38.7683	-28.4213	411	404	12	45366	387	61
DISC91	78 319	2036	38.7567	-28.4310	780	764	12	45020	45	
DISC91	78 319	2042	38.7447	-28.4402	1057	1033	12	44690	-80	41
DISC91	78 319	2048	38.7327	-28.4492	1190	1163	12	44872	-93	37
DISC91	78 319	2054	38.7205	-28.4578	1252	1223	12	44742	-219	36
DISC91	78 319	21 0	38.7083	-28.4665	1272	1242	12	44694	-262	35
DISC91	78 319	21 6	38.6960	-28.4750	1277	1247	12	44690	-262	35
DISC91	78 319	2112	38.6837	-28.4833	1272	1242	12	44682	-265	36
DISC91	78 319	2118	38.6717	-28.4913	1242	1212	12	44688	-255	36
DISC91	78 319	2124	38.6590	-28.4992	1185	1158	12	44688	-250	39
DISC91	78 319	2130	38.6462	-28.5070	1108	1083	12	44712	-221	46
DISC91	78 319	2136	38.6360	-28.5185	1021	999	12	44736	-194	47
DISC91	78 319	2142	38.6323	-28.5347	872	854	12	44750	-181	52
DISC91	78 319	2148	38.6352	-28.5513	713	699	12	44766	-169	53
DISC91	78 319	2154	38.6433	-28.5659	795	779	12	44816	-125	53
DISC91	78 319	22 0	38.6515	-28.5797	619	605	12	44854	-93	52
DISC91	78 319	22 6	38.6597	-28.5937	972	953	12	44888	-64	48
DISC91	78 319	2212	38.6682	-28.6078	995	973	12	44986	26	44
DISC91	78 319	2218	38.6765	-28.6220	939	918	12	45102	136	43
DISC91	78 319	2224	38.6848	-28.6360	1032	1028	12	45082	110	41
DISC91	78 319	2230	38.6932	-28.6502	893	874	12	45126	148	42
DISC91	78 319	2236	38.7012	-28.6640	1052	1028	12	45244	261	43
DISC91	78 319	2242	38.7093	-28.6778	1047	1024	12	45258	269	44
DISC91	78 319	2248	38.7175	-28.6917				45286	291	47
DISC91	78 319	2254	38.7255	-28.7055	1077	1053	12	45232	231	49
DISC91	78 319	23 0	38.7338	-28.7195	1103	1077	12	45170	163	51
DISC91	78 319	23 6	38.7420	-28.7336	1180	1152	12	45116	103	49
DISC91	78 319	2312	38.7502	-28.7478	1242	1212	12	45012	-6	46
DISC91	78 319	2318	38.7583	-28.7618	1313	1282	12	44890	-134	43
DISC91	78 319	2324	38.7648	-28.7767	1359	1328	12	44822	-207	39
DISC91	78 319	2330	38.7650	-28.7938	1390	1357	12	44802	-230	34
DISC91	78 319	2336	38.7588	-28.8083	1411	1377	12	44810	-221	33
DISC91	78 319	2342	38.7470	-28.8175	1411	1377	12	44818	-209	33
DISC91	78 319	2348	38.7342	-28.8253	1385	1351	12	44830	-192	33
DISC91	78 319	2354	38.7212	-28.8332	1334	1302	12	44818	-199	36
DISC91	79 320	0 0	38.7085	-28.8408	924	903	12	44652	-360	39
DISC91	78 320	0 6	38.6955	-28.8485	1201	1172	12	44568	-439	37
DISC91	78 320	012	38.6827	-28.8562	1252	1223	12	44538	-464	36
DISC91	78 320	018	38.6700	-28.8638	1088	1063	12	44546	-452	38

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 320	024	38.6573	-28.8715	724	710	12	44664	-329	39
DISC91	78 320	030	38.6447	-28.8793	1190	1163	12	44514	-474	35
DISC91	78 320	036	38.6320	-28.8873	903	883	12	44224	-759	38
DISC91	78 320	042	38.6195	-28.8953	554	545	12	45048	69	43
DISC91	78 320	048	38.6068	-28.9035	1098	1074	12	45094	119	39
DISC91	78 320	054	38.5942	-28.9115	1226	1198	12	44796	-173	37
DISC91	78 320	1 0	38.5815	-28.9197	1324	1293	12	44628	-336	40
DISC91	78 320	1 6	38.5685	-28.9277	1180	1152	12	44630	-329	45
DISC91	78 320	112	38.5557	-28.9355	1103	1077	12	44652	-303	50
DISC91	78 320	118	38.5432	-28.9437	985	964	12	44670	-280	56
DISC91	78 320	124	38.5305	-28.9518	780	764	12	44676	-269	64
DISC91	78 320	130	38.5180	-28.9598	421	415	12	44824	-116	73
DISC91	78 320	136	38.5052	-28.9677	359	355	12	45174	237	73
DISC91	78 320	142	38.4923	-28.9752	913	894	12	45032	100	65
DISC91	78 320	148	38.4795	-28.9827	1077	1053	12	45036	109	57
DISC91	78 320	154	38.4665	-28.9902	1154	1128	12	44828	-93	53
DISC91	78 320	5 0	38.4538	-28.9977	1144	1117	12	44696	-220	50
DISC91	78 320	5 6	38.4405	-29.0033	1185	1158	12	44614	-297	45
DISC91	78 320	512	38.4265	-29.0037	1201	1172	12	44646	-258	40
DISC91	78 320	518	38.4137	-28.9957	1308	1278	12	44570	-327	39
DISC91	78 320	524	38.4062	-28.9797	1288	1258	12	44518	-373	41
DISC91	78 320	530	38.4025	-28.9618	1313	1282	12	44624	-263	41
DISC91	78 320	536	38.3990	-28.9442	1242	1212	12	44640	-242	42
DISC91	78 320	542	38.3955	-28.9267	1154	1128	12	44614	-264	44
DISC91	78 320	548	38.3922	-28.9090	1062	1039	12	44652	-222	48
DISC91	78 320	554	38.3888	-28.8912	959	938	12	44554	-316	53
DISC91	78 320	3 0	38.3855	-28.8732	888	869	12	44616	-249	58
DISC91	78 320	3 6	38.3822	-28.8553	806	788	12	44782	-79	64
DISC91	78 320	312	38.3790	-28.8368	590	580	12	44962	104	70
DISC91	78 320	318	38.3758	-28.8192	590	580	12	45054	200	75
DISC91	78 320	324	38.3727	-28.8013	570	560	12	45130	280	80
DISC91	78 320	330	38.3695	-28.7835	549	539	12	45090	244	83
DISC91	78 320	336	38.3663	-28.7657	539	530	12	44978	137	86
DISC91	78 320	342	38.3632	-28.7478	524	514	12	45030	193	88
DISC91	78 320	348	38.3602	-28.7300	594	583	12	45004	171	86
DISC91	78 320	354	38.3570	-28.7122	616	605	12	45022	193	83
DISC91	78 320	4 0	38.3538	-28.6943	702	688	12	44926	101	79
DISC91	78 320	4 6	38.3507	-28.6765	693	678	12	44914	93	80
DISC91	78 320	412	38.3475	-28.6588	581	571	12	44886	65	84
DISC91	78 320	418	38.3443	-28.6410	411	404	12	44950	138	88
DISC91	78 320	424	38.3412	-28.6232	359	355	12	44900	92	89
DISC91	78 320	430	38.3380	-28.6053	401	395	12	44730	-73	88
DISC91	78 320	436	38.3348	-28.5875	411	404	12	44702	-97	88
DISC91	78 320	442	38.3312	-28.5697	370	366	12	44618	-177	88
DISC91	78 320	448	38.3273	-28.5522	391	386	12	44626	-164	83
DISC91	78 320	454	38.3237	-28.5347	569	558	12	44654	-132	79
DISC91	78 320	5 0	38.3200	-28.5172	577	567	12	44616	-166	76
DISC91	78 320	5 6	38.3163	-28.4997	595	585	12	44626	-151	75
DISC91	78 320	512	38.3127	-28.4822	621	609	12	44640	-133	71
DISC91	78 320	518	38.3090	-28.4647	683	669	12	44632	-137	67
DISC91	78 320	524	38.3053	-28.4472	831	814	12	44606	-158	61
DISC91	78 320	530	38.3017	-28.4297	1006	984	12	44590	-170	55
DISC91	78 320	536	38.2988	-28.4120	1164	1138	12	44580	-176	50
DISC91	78 320	542	38.2988	-28.3940	1258	1229	12	44638	-115	47
DISC91	78 320	548	38.2992	-28.3757	1351	1319	12	44616	-135	42
DISC91	78 320	554	38.2993	-28.3573	1477	1443	12	44602	-146	37
DISC91	78 320	6 0	38.2993	-28.3392	1580	1542	12	44650	-95	32
DISC91	78 320	6 6	38.2992	-28.3208	1647	1608	12	44718	-25	32
DISC91	78 320	612	38.2993	-28.3027	1667	1626	12	44756	15	30
DISC91	78 320	618	38.2998	-28.2847	1697	1655	12	44796	57	28
DISC91	78 320	624	38.2997	-28.2670	1717	1675	12	44826	90	27
DISC91	78 320	630	38.2993	-28.2493	1734	1692	12	44846	113	26
DISC91	78 320	636	38.2992	-28.2315	1741	1699	12	44830	100	26
DISC91	78 320	642	38.2992	-28.2138	1662	1622	12	44766	38	27
DISC91	78 320	648	38.2990	-28.1958	1719	1677	12	44710	-14	28
DISC91	78 320	654	38.2990	-28.1782	1749	1706	12	44676	-45	28
DISC91	78 320	7 0	38.2990	-28.1605	1713	1672	12	44680	-39	30
DISC91	78 320	7 6	38.2992	-28.1428	1719	1677	12	44656	-60	30
DISC91	78 320	712	38.2998	-28.1253	1704	1662	12	44656	-58	30
DISC91	78 320	718	38.3007	-28.1078	1708	1666	12	44652	-60	30
DISC91	78 320	724	38.3013	-28.0903	1717	1675	12	44638	-71	29
DISC91	78 320	730	38.3020	-28.0728	1749	1706	12	44650	-57	28
DISC91	78 320	736	38.3027	-28.0553	1761	1717	12	44634	-71	28
DISC91	78 320	742	38.3033	-28.0378	1752	1710	12	44602	-100	25
DISC91	78 320	748	38.3040	-28.0203	1750	1708	12	44612	-88	22
DISC91	78 320	754	38.3048	-28.0028	1765	1721	12	44616	-82	21
DISC91	78 320	8 0	38.3055	-27.9845	1770	1726	12	44610	-86	23
DISC91	78 320	8 6	38.3063	-27.9657	1759	1717	12	44582	-112	23
DISC91	78 320	812	38.3072	-27.9468	1724	1681	12	44564	-127	27
DISC91	78 320	818	38.3080	-27.9280	1508	1472	12	44580	-109	33
DISC91	78 320	824	38.3088	-27.9093	1047	1024	12	44736	48	41
DISC91	78 320	830	38.3097	-27.8905	888	869	12	44714	28	49
DISC91	78 320	836	38.3102	-27.8718	693	678	12	44464	-218	58
DISC91	78 320	842	38.3075	-27.8538	431	424	12	44736	57	62
DISC91	78 320	848	38.3015	-27.8370	698	684	12	44632	-41	60
DISC91	78 320	854	38.2952	-27.8203	544	534	12	44382	-286	61
DISC91	78 320	9 0	38.2887	-27.8035	535	525	12	44402	-261	64
DISC91	78 320	9 6	38.2823	-27.7868	806	788	12	44402	-255	65
DISC91	78 320	912	38.2757	-27.7700	734	719	12	44422	-230	65
DISC91	78 320	918	38.2693	-27.7530	863	845	12	44430	-216	61
DISC91	78 320	924	38.2630	-27.7358	1026	1004	12	44486	-155	54
DISC91	78 320	930	38.2567	-27.7188	1255	1225	12	44380	-256	48
DISC91	78 320	936	38.2503	-27.7018	1134	1108	12	44410	-220	46

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 320	942	38.2440	-27.6847	1324	1293	12	44402	-223	42
DISC91	78 320	948	38.2377	-27.6678	1452	1417	12	44400	-220	37
DISC91	78 320	954	38.2312	-27.6510	1509	1472	12	44430	-184	34
DISC91	78 320	10 0	38.2247	-27.6343	1542	1505	12	44484	-125	31
DISC91	78 320	10 6	38.2180	-27.6178	1501	1465	12	44536	-67	31
DISC91	78 320	1012	38.2115	-27.6012	1567	1529	12	44550	-48	28
DISC91	78 320	1018	38.2048	-27.5845	1580	1542	12	44590	-2	28
DISC91	78 320	1024	38.1982	-27.5678	1595	1556	12	44632	44	26
DISC91	78 320	1030	38.1917	-27.5513	1610	1571	12	44692	109	25
DISC91	78 320	1036	38.1850	-27.5348	1616	1576	12	44694	117	26
DISC91	78 320	1042	38.1782	-27.5187	1631	1591	12	44676	104	25
DISC91	78 320	1048	38.1715	-27.5025	1621	1582	12	44670	104	28
DISC91	78 320	1054	38.1645	-27.4862	1442	1406	12	44736	175	27
DISC91	78 320	11 0	38.1578	-27.4702	1529	1492	12	44804	249	28
DISC91	78 320	11 6	38.1512	-27.4543	1436	1403	12	44822	272	26
DISC91	78 320	1112	38.1445	-27.4385	1414	1381	12	44864	319	27
DISC91	78 320	1118	38.1378	-27.4227	1390	1357	12	44854	315	26
DISC91	78 320	1124	38.1312	-27.4068	1171	1143	12	44944	410	26
DISC91	78 320	1130	38.1243	-27.3908	1277	1247	12	44980	451	25
DISC91	78 320	1136	38.1177	-27.3748	1261	1231	12	44994	471	24
DISC91	78 320	1142	38.1110	-27.3588	1636	1597	12	45028	510	24
DISC91	78 320	1148	38.1042	-27.3428	1436	1403	12	44960	448	24
DISC91	78 320	1154	38.0975	-27.3268	1729	1686	12	44762	255	25
DISC91	78 320	12 0	38.0907	-27.3108	1739	1697	12	44566	64	24
DISC91	78 320	12 6	38.0838	-27.2947	1759	1717	12	44452	-43	25
DISC91	78 320	1212	38.0772	-27.2787	1765	1721	12	44440	-50	28
DISC91	78 320	1218	38.0703	-27.2625	1790	1747	12	44402	-82	33
DISC91	78 320	1224	38.0637	-27.2465	1672	1631	12	44328	-151	37
DISC91	78 320	1230	38.0572	-27.2305	1785	1741	12	44274	-200	38
DISC91	78 320	1236	38.0508	-27.2145	1806	1761	12	44186	-282	37
DISC91	78 320	1242	38.0443	-27.1985	1854	1809	12	44138	-325	37
DISC91	78 320	1248	38.0377	-27.1825	1744	1701	12	44094	-364	37
DISC91	78 320	1254	38.0312	-27.1665	1734	1692	12	44042	-410	33
DISC91	78 320	13 0	38.0247	-27.1505	2021	1971	12	44106	-341	27
DISC91	78 320	13 6	38.0180	-27.1345	2170	2116	12	44188	-254	21
DISC91	78 320	1312	38.0115	-27.1185	2195	2142	12	44228	-208	17
DISC91	78 320	1318	38.0048	-27.1018	2231	2176	12	44242	-189	17
DISC91	78 320	1324	37.9985	-27.0855	2236	2182	12	44252	-174	15
DISC91	78 320	1330	37.9922	-27.0693	2257	2202	12			
DISC91	78 320	1336	37.9860	-27.0533	2277	2220	12	44260	-156	12
DISC91	78 320	1342	37.9797	-27.0370	2277	2220	12	44270	-140	11
DISC91	78 320	1348	37.9733	-27.0210	2264	2207	12	44284	-121	11
DISC91	78 320	1354	37.9670	-27.0047	2272	2217	12	44304	-96	11
DISC91	78 320	14 0	37.9608	-26.9885	2283	2226	12	44322	-72	11
DISC91	78 320	14 6	37.9547	-26.9722	2288	2231	12	44340	-49	11
DISC91	78 320	1412	37.9485	-26.9558	2293	2237	12	44352	-32	12
DISC91	78 320	1418	37.9425	-26.9395	2313	2257	12	44348	-31	12
DISC91	78 320	1424	37.9365	-26.9232	2313	2257	12	44320	-54	12
DISC91	78 320	1430	37.9302	-26.9068	2303	2246	12	44294	-75	13
DISC91	78 320	1436	37.9240	-26.8905	2288	2231	12	44282	-82	13
DISC91	78 320	1442	37.9178	-26.8742	2206	2151	12	44268	-91	16
DISC91	78 320	1448	37.9127	-26.8575	2211	2156	12	44252	-102	19
DISC91	78 320	1454	37.9135	-26.8397	2159	2107	12	44252	-100	22
DISC91	78 320	15 0	37.9212	-26.8247	2144	2090	12	44258	-96	22
DISC91	78 320	15 6	37.9338	-26.8167				44226	-133	19
DISC91	78 320	1512	37.9478	-26.8155	2129	2076	12	44196	-169	18
DISC91	78 320	1518	37.9620	-26.8150	2124	2070	12	44198	-174	18
DISC91	78 320	1524	37.9763	-26.8147	2052	2001	12	44214	-165	17
DISC91	78 320	1530	37.9905	-26.8142	2042	1992	12	44214	-172	18
DISC91	78 320	1536	38.0048	-26.8138	2031	1981	12	44212	-181	18
DISC91	78 320	1542	38.0192	-26.8140	2011	1960	12	44234	-165	20
DISC91	78 320	1548	38.0333	-26.8142	2008	1959	12	44262	-144	19
DISC91	78 320	1554	38.0475	-26.8142	2006	1957	12	44286	-127	20
DISC91	78 320	16 0	38.0617	-26.8143	1997	1948	12			
DISC91	78 320	16 6	38.0758	-26.8143	1983	1935	12			
DISC91	78 320	1612	38.0902	-26.8145	1929	1882	12	44400	-33	23
DISC91	78 320	1618	38.1043	-26.8145	1888	1842	12	44446	6	25
DISC91	78 320	1624	38.1185	-26.8145	1792	1748	12	44520	73	27
DISC91	78 320	1630	38.1328	-26.8147	1703	1662	12	44532	78	30
DISC91	78 320	1636	38.1470	-26.8147	1606	1567	12	44456	-3	32
DISC91	78 320	1642	38.1612	-26.8147	1521	1483	12	44418	-48	34
DISC91	78 320	1648	38.1753	-26.8148	1324	1293	12	44288	-185	38
DISC91	78 320	1654	38.1895	-26.8148	1252	1223	12	44324	-155	41
DISC91	78 320	17 0	38.2038	-26.8148	1380	1348	12	44436	-50	42
DISC91	78 320	17 6	38.2182	-26.8148	1170	1143	12	44354	-139	43
DISC91	78 320	1712	38.2325	-26.8148	1139	1114	12	44290	-209	46
DISC91	78 320	1718	38.2468	-26.8148	1062	1039	12	44366	-140	47
DISC91	78 320	1724	38.2612	-26.8150	1129	1103	12	44370	-143	48
DISC91	78 320	1730	38.2755	-26.8152	1026	1004	12	44514	-5	50
DISC91	78 320	1736	38.2900	-26.8150	970	949	12	44552	25	53
DISC91	78 320	1742	38.3043	-26.8148	924	903	12	44574	40	55
DISC91	78 320	1748	38.3188	-26.8147	924	903	12	44682	141	55
DISC91	78 320	1754	38.3330	-26.8145	1329	1297	12	44740	193	
DISC91	78 320	18 0	38.3473	-26.8143	1406	1372	12	44730	176	49
DISC91	78 320	18 6	38.3615	-26.8142	1447	1412	12	44682	121	46
DISC91	78 320	1812	38.3758	-26.8140	1585	1547	12	44658	91	43
DISC91	78 320	1818	38.3897	-26.8145	1508	1472	12	44666	92	43
DISC91	78 320	1824	38.4035	-26.8143	1303	1273	12	44746	166	44
DISC91	78 320	1830	38.4172	-26.8143	1329	1297	12	44906	319	45
DISC91	78 320	1836	38.4310	-26.8143	1236	1207	12	45012	419	47
DISC91	78 320	1842	38.4448	-26.8143	1318	1287	12	44888	288	47
DISC91	78 320	1848	38.4585	-26.8145	1257	1227	12	44818	212	49
DISC91	78 320	1854	38.4723	-26.8145	1226	1198	12	44768	156	51

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	79 78 320	19 0	38.4862	-26.8147	1108	1083	12	44812	193	54
DISC91	78 320	19 6	38.5002	-26.8147	1047	1024	12	44834	209	58
DISC91	78 320	1912	38.5138	-26.8147	975	953	12	44780	148	64
DISC91	78 320	1918	38.5278	-26.8147	831	814	12	44694	56	70
DISC91	78 320	1924	38.5417	-26.8148	677	664	12	44622	-22	77
DISC91	78 320	1930	38.5555	-26.8148	554	545	12	44732	81	82
DISC91	78 320	1936	38.5692	-26.8148	565	554	12	44800	142	85
DISC91	78 320	1942	38.5832	-26.8147	515	507	12	44578	-85	88
DISC91	78 320	1948	38.5968	-26.8147	483	475	12	44344	-326	92
DISC91	78 320	1954	38.6107	-26.8147	488	479	12	44338	-338	93
DISC91	78 320	20 0	38.6245	-26.8147	442	435	12	44318	-365	91
DISC91	78 320	20 6	38.6387	-26.8150				44526	-163	87
DISC91	78 320	2012	38.6530	-26.8150	431	424	12	44486	-210	87
DISC91	78 320	2018	38.6675	-26.8152	447	439	12	44686	-17	87
DISC91	78 320	2024	38.6818	-26.8152	508	499	12	44920	209	83
DISC91	78 320	2030	38.6962	-26.8153	606	594	12	44726	9	80
DISC91	78 320	2036	38.7105	-26.8153	657	644	12	44664	-59	77
DISC91	78 320	2042	38.7248	-26.8153	616	605	12	44678	-52	73
DISC91	78 320	2048	38.7392	-26.8153	790	774	12	44640	-96	61
DISC91	78 320	2054	38.7535	-26.8155	1016	993	12	44498	-245	47
DISC91	78 320	21 0	38.7678	-26.8155	1370	1337	12	44422	-328	33
DISC91	78 320	21 6	38.7807	-26.8117	1467	1432	12	44320	-435	30
DISC91	78 320	2112	38.7888	-26.8008	1513	1478	12	44400	-358	27
DISC91	78 320	2118	38.7898	-26.7865	1534	1496	12	44424	-332	26
DISC91	78 320	2124	38.7850	-26.7735	1488	1452	12	44402	-350	25
DISC91	78 320	2130	38.7768	-26.7618	1508	1472	12	44378	-369	30
DISC91	78 320	2136	38.7680	-26.7483	1575	1536	12	44340	-401	32
DISC91	78 320	2142	38.7590	-26.7348	1508	1472	12	44346	-389	35
DISC91	78 320	2148	38.7500	-26.7213	1421	1388	12	44318	-411	39
DISC91	78 320	2154	38.7408	-26.7078	1416	1383	12	44274	-449	45
DISC91	78 320	22 0	38.7318	-26.6942	1452	1417	12	44270	-447	52
DISC91	78 320	22 6	38.7230	-26.6807	1344	1313	12	44274	-437	62
DISC91	78 320	2212	38.7142	-26.6668	1036	1013	12	44294	-411	72
DISC91	78 320	2218	38.7052	-26.6532	724	710	12	44326	-373	86
DISC91	78 320	2224	38.6963	-26.6393	436	430	12	44502	-191	99
DISC91	78 320	2230	38.6878	-26.6253	436	430	12	44550	-137	108
DISC91	78 320	2236	38.6795	-26.6108	411	404	12	44496	-186	109
DISC91	78 320	2242	38.6710	-26.5963	411	404	12	44292	-384	107
DISC91	78 320	2248	38.6625	-26.5818	447	439	12	44272	-398	102
DISC91	78 320	2254	38.6542	-26.5673	493	485	12	44474	-190	96
DISC91	78 320	23 0	38.6457	-26.5528	590	580	12	44476	-182	84
DISC91	78 320	23 6	38.6372	-26.5382	821	805	12	44514	-138	74
DISC91	78 320	2312	38.6287	-26.5235	821	805	12	44488	-158	66
DISC91	78 320	2318	38.6202	-26.5090	1001	978	12	44488	-152	61
DISC91	78 320	2324	38.6118	-26.4947	1303	1273	12	44490	-145	54
DISC91	78 320	2330	38.6035	-26.4803	1354	1322	12	44520	-109	49
DISC91	78 320	2336	38.5952	-26.4660	1406	1375	12	44570	-53	45
DISC91	78 320	2342	38.5858	-26.4527	1406	1375	12	44532	-85	42
DISC91	78 320	2348	38.5760	-26.4402	1452	1417	12	44468	-143	39
DISC91	78 320	2354	38.5662	-26.4278	1508	1472	12	44430	-174	37
DISC91	80 78 321	0 0	38.5562	-26.4153	1590	1551	12	44464	-134	36
DISC91	78 321	0 6	38.5462	-26.4030	1647	1608	12	44494	-98	36
DISC91	78 321	012	38.5410	-26.3863	1652	1611	12	44388	-199	34
DISC91	78 321	018	38.5308	-26.3740	1734	1692	12	44264	-317	34
DISC91	78 321	024	38.5207	-26.3617	1821	1776	12	44254	-320	32
DISC91	78 321	030	38.5107	-26.3495	1847	1801	12	44222	-346	29
DISC91	78 321	036	38.5005	-26.3372	1883	1836	12	44214	-348	28
DISC91	78 321	042	38.4905	-26.3248	1903	1856	12	44264	-291	29
DISC91	78 321	048	38.4805	-26.3122	1908	1862	12	44314	-235	29
DISC91	78 321	054	38.4705	-26.2997	1908	1862	12	44304	-239	28
DISC91	78 321	1 0	38.4605	-26.2872	1893	1845	12	44306	-230	27
DISC91	78 321	1 6	38.4507	-26.2747	1913	1865	12	44330	-200	28
DISC91	78 321	112	38.4407	-26.2623	1872	1827	12	44384	-140	29
DISC91	78 321	118	38.4308	-26.2498	1842	1796	12	44444	-74	34
DISC91	78 321	124	38.4208	-26.2372	1929	1882	12	44510	-1	39
DISC91	78 321	130	38.4108	-26.2247	1883	1836	12	44564	58	46
DISC91	78 321	136	38.4008	-26.2122	1662	1622	12	44620	120	50
DISC91	78 321	142	38.3908	-26.1997	1806	1761	12	44774	281	50
DISC91	78 321	148	38.3810	-26.1872	1862	1816	12	44806	319	48
DISC91	78 321	154	38.3710	-26.1748	1836	1790	12	44632	151	44
DISC91	78 321	2 0	38.3610	-26.1623	1831	1787	12	44578	104	42
DISC91	78 321	2 6	38.3510	-26.1498	1842	1796	12	44646	178	40
DISC91	78 321	212	38.3410	-26.1372	1826	1781	12	44606	144	38
DISC91	78 321	218	38.3312	-26.1248	1847	1801	12	44524	69	36
DISC91	78 321	224	38.3212	-26.1122	1903	1856	12	44472	23	36
DISC91	78 321	230	38.3112	-26.0997	1898	1851	12	44436	-6	37
DISC91	78 321	236	38.3012	-26.0872	1908	1862	12	44374	-61	38
DISC91	78 321	242	38.2912	-26.0747	2093	2041	12	44348	-81	38
DISC91	78 321	248	38.2812	-26.0620	2093	2041	12	44384	-39	42
DISC91	78 321	254	38.2712	-26.0495	2067	2015	12	44410	-6	45
DISC91	78 321	3 0	38.2610	-26.0367	1744	1701	12	44486	75	52
DISC91	78 321	3 6	38.2507	-26.0240	1657	1617	12	44548	143	57
DISC91	78 321	312	38.2405	-26.0112	1493	1458	12			
DISC91	78 321	318	38.2305	-25.9985	1385	1351	12	44272	-119	68
DISC91	78 321	324	38.2203	-25.9858	1395	1362	12	44328	-57	72
DISC91	78 321	330	38.2090	-25.9752	1262	1233	12	44350	-28	71
DISC91	78 321	336	38.1975	-25.9648	1272	1242	12	44384	12	72
DISC91	78 321	342	38.1858	-25.9547	1242	1212	12	44354	-11	72
DISC91	78 321	348	38.1743	-25.9443	1129	1103	12	44084	-274	69
DISC91	78 321	354	38.1628	-25.9342	1277	1247	12	43780	-571	64
DISC91	78 321	4 0	38.1512	-25.9238	1467	1432	12	43990	-355	61
DISC91	78 321	4 6	38.1395	-25.9137	1299	1269	12	44022	-316	58
DISC91	78 321	412	38.1280	-25.9033	1354	1322	12	44134	-197	57

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 321	418	38.1153	-25.8932	1371	1339	12	44268	-57	53
DISC91	78 321	424	38.1048	-25.8828	1447	1412	12	44162	-156	
DISC91	78 321	430	38.0932	-25.8727	1526	1489	12	44024	-287	42
DISC91	78 321	436	38.0830	-25.8603	1632	1593	12	43946	-359	39
DISC91	78 321	442	38.0798	-25.8430	1534	1496	12	43908	-393	42
DISC91	78 321	448	38.0858	-25.8265	1580	1542	12	43918	-384	40
DISC91	78 321	454	38.0960	-25.8127	1647	1608	12	43902	-403	41
DISC91	78 321	5 0	38.1062	-25.7988	1713	1672	12	43934	-374	37
DISC91	78 321	5 6	38.1165	-25.7850	1740	1697	12	43974	-337	32
DISC91	78 321	512	38.1267	-25.7713	1793	1750	12	44124	-191	26
DISC91	78 321	518	38.1368	-25.7578	2129	2076	12	44208	-110	19
DISC91	76 321	524	38.1470	-25.7443	2193	2140	12	44254	-67	13
DISC91	78 321	530	38.1566	-25.7305	2277	2220	12	44268	-56	9
DISC91	78 321	536	38.1668	-25.7168	2328	2270	12	44242	-85	6
DISC91	76 321	542	38.1766	-25.7030	2375	2315	12	44232	-98	6
DISC91	78 321	548	38.1870	-25.6888	2398	2339	12	44224	-109	5
DISC91	78 321	554	38.1965	-25.5755	2436	2376	12	44200	-135	3
DISC91	78 321	6 0	38.2058	-25.6622	2462	2401	12	44194	-144	2
DISC91	78 321	6 6	38.2153	-25.6488	2494	2432	12	44216	-125	1
DISC91	78 321	612	38.2248	-25.6355	2526	2463	12	44230	-114	3
DISC91	78 321	618	38.2342	-25.6222	2558	2494	12	44204	-142	5
DISC91	78 321	624	38.2437	-25.6088	2569	2505	12	44170	-179	4
DISC91	78 321	630	38.2532	-25.5955	2596	2533	12	44184	-168	4
DISC91	78 321	636	38.2625	-25.5822	2630	2566	12	44220	-135	3
DISC91	78 321	642	38.2720	-25.5688	2634	2569	12	44232	-125	5
DISC91	78 321	648	38.2813	-25.5555	2673	2608	12	44232	-128	5
DISC91	78 321	654	38.2908	-25.5422	2683	2617	12	44234	-129	5
DISC91	78 321	7 0	38.3003	-25.5288	2713	2646	12	44232	-134	5
DISC91	78 321	7 6	38.3098	-25.5153	2744	2677	12	44236	-132	6
DISC91	78 321	712	38.3190	-25.5028	2770	2701	12	44252	-119	-3
DISC91	78 321	718	38.3282	-25.4903	2786	2718	12	44266	-108	-4
DISC91	78 321	724	38.3373	-25.4778	2801	2732	12	44270	-107	-4
DISC91	78 321	730	38.3463	-25.4653	2847	2778	12	44278	-101	-7
DISC91	78 321	736	38.3553	-25.4530	2876	2807	12	44290	-92	-9
DISC91	78 321	742	38.3645	-25.4405	2900	2829	12	44298	-87	-9
DISC91	78 321	748	38.3737	-25.4280	2914	2844	12	44302	-86	-10
DISC91	78 321	754	38.3828	-25.4155	2924	2853	12	44306	-84	-10
DISC91	78 321	8 0	38.3918	-25.4030	2959	2888	12	44298	-95	-11
DISC91	78 321	8 6	38.4010	-25.3902	2974	2902	12	44290	-101	-8
DISC91	78 321	812	38.4103	-25.3772	2999	2928	12	44290	-108	-7
DISC91	76 321	818	38.4195	-25.3642	3057	2983	12	44300	-101	-6
DISC91	78 321	824	38.4288	-25.3515	3070	2997	12	44328	-76	-3
DISC91	78 321	830	38.4380	-25.3385	3100	3027	12	44358	-49	-0
DISC91	78 321	836	38.4473	-25.3255	3149	3074	12	44374	-35	3
DISC91	78 321	842	38.4565	-25.3125	3164	3089	12	44362	-50	5
DISC91	78 321	848	38.4657	-25.2992	3181	3105	12	44322	-93	7
DISC91	78 321	854	38.4750	-25.2862	3181	3105	12	44274	-143	10
DISC91	78 321	9 0	38.4843	-25.2728	3211	3135	12	44234	-186	12
DISC91	78 321	9 6	38.4938	-25.2595	3223	3147	12	44216	-207	15
DISC91	76 321	912	38.5032	-25.2463	3272	3195	12	44214	-212	17
DISC91	78 321	918	38.5128	-25.2332	3077	3003	12	44228	-201	20
DISC91	78 321	924	38.5223	-25.2202	2919	2849	12	44262	-169	25
DISC91	78 321	930	38.5320	-25.2070	2925	2853	12	44302	-132	27
DISC91	78 321	936	38.5415	-25.1937	2946	2875	12	44340	-97	29
DISC91	78 321	942	38.5510	-25.1805	2987	2915	12	44374	-66	32
DISC91	76 321	948	38.5605	-25.1675	2954	2882	12	44402	-41	34
DISC91	78 321	954	38.5702	-25.1545	2986	2913	12	44420	-26	36
DISC91	78 321	10 0	38.5798	-25.1413	3025	2952	12	44436	-12	37
DISC91	78 321	10 6	38.5697	-25.1283	3118	3043	12	44452	0	40
DISC91	78 321	1012	38.5992	-25.1153	3117	3043	12	44468	13	41
DISC91	78 321	1018	38.6090	-25.1022	3103	3028	12	44492	34	43
DISC91	78 321	1024	38.6185	-25.0893	3106	3032	12	44518	57	45
DISC91	78 321	1030	38.6282	-25.0763	3088	3014	12	44540	76	47
DISC91	78 321	1036	38.6377	-25.0637	3074	3001	12	44542	75	51
DISC91	78 321	1042	38.6472	-25.0507	3082	3008	12	44534	64	53
DISC91	78 321	1048	38.6563	-25.0383	3077	3003	12	44518	45	56
DISC91	78 321	1054	38.6655	-25.0260	3072	2999	12	44504	29	61
DISC91	78 321	11 0	38.6747	-25.0137	3053	2979	12	44498	20	64
DISC91	78 321	11 6	38.6840	-25.0012	2985	2913	12	44510	29	69
DISC91	78 321	1112	38.6933	-24.9888	2898	2827	12	44538	54	74
DISC91	78 321	1118	38.7027	-24.9762	2831	2761	12	44568	82	79
DISC91	78 321	1124	38.7122	-24.9633	2755	2688	12	44598	109	82
DISC91	78 321	1130	38.7217	-24.9505	2689	2604	12	44634	142	83
DISC91	78 321	1136	38.7313	-24.9375	2647	2582	12	44660	165	82
DISC91	78 321	1142	38.7408	-24.9247	2642	2577	12	44656	158	80
DISC91	78 321	1148	38.7503	-24.9115	2794	2727	12	44632	131	76
DISC91	78 321	1154	38.7600	-24.8987	2954	2882	12	44598	94	70
DISC91	78 321	12 0	38.7695	-24.8858	2965	2913	12	44560	53	67
DISC91	78 321	12 6	38.7790	-24.8730	3042	2968	12	44532	22	62
DISC91	78 321	1212	38.7885	-24.8600	3057	2983	12	44518	5	59
DISC91	78 321	1218	38.7978	-24.8472	3088	3014	12	44514	-1	56
DISC91	78 321	1224	38.8073	-24.8343	3124	3049	12	44508	-10	54
DISC91	78 321	1230	38.8168	-24.8215	3165	3089	12	44500	-21	50
DISC91	78 321	1236	38.8263	-24.8085	3206	3129	12	44490	-37	46
DISC91	78 321	1242	38.8358	-24.7957	3129	3054	12	44480	-47	42
DISC91	78 321	1248	38.8455	-24.7827	3221	3146	12	44464	-66	39
DISC91	78 321	1254	38.8550	-24.7698	3621	3539	12	44452	-81	35
DISC91	78 321	13 0	38.8645	-24.7568	3683	3599	12	44438	-98	32
DISC91	78 321	13 6	38.8740	-24.7438	3698	3616	12	44424	-115	31
DISC91	78 321	1312	38.8833	-24.7305	3708	3625	12	44410	-131	30
DISC91	78 321	1318	38.8927	-24.7173	3708	3625	12	44404	-140	28
DISC91	78 321	1324	38.9020	-24.7042	3718	3636	12	44404	-143	29
DISC91	78 321	1330	38.9113	-24.6910	3698	3616	12	44410	-140	29

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	80	78 321	1336	38.9207	-24.6777	3683	3599	12	44422	-131	29
DISC91		78 321	1342	38.9302	-24.6645	3513	3433	12	44436	-120	27
DISC91		78 321	1348	38.9395	-24.6513	3739	3656	12	44442	-117	25
DISC91		78 321	1354	38.9488	-24.6382	3857	3773	12	44442	-119	22
DISC91		78 321	14 0	38.9582	-24.6248	3883	3798	12	44442	-122	19
DISC91		78 321	14 6	38.9677	-24.6117	3918	3833	12	44442	-125	17
DISC91		78 321	1412	38.9770	-24.5983	3949	3864	12	44446	-124	14
DISC91		78 321	1418	38.9863	-24.5852	3959	3873	12	44452	-121	13
DISC91		78 321	1424	38.9957	-24.5718	3908	3822	12	44454	-122	12
DISC91		78 321	1430	39.0052	-24.5587	4006	3919	12	44452	-126	11
DISC91		78 321	1436	39.0145	-24.5455	4013	3926	12	44440	-141	10
DISC91		78 321	1442	39.0238	-24.5323	4013	3926	12	44422	-163	10
DISC91		78 321	1448	39.0333	-24.5195	4013	3926	12	44404	-183	11
DISC91		78 321	1454	39.0427	-24.5062	4013	3926	12	44390	-199	11
DISC91		78 321	15 0	39.0523	-24.4932	4011	3925	12	44378	-214	12
DISC91		78 321	15 6	39.0618	-24.4803	4011	3925	12	44368	-227	12
DISC91		78 321	1512	39.0713	-24.4673	4011	3925	12	44358	-240	14
DISC91		78 321	1518	39.0812	-24.4547	4006	3919	12	44352	-249	15
DISC91		78 321	1524	39.0908	-24.4418	3903	3819	12	44346	-258	15
DISC91		78 321	1530	39.1005	-24.4292	3980	3894	12	44342	-265	16
DISC91		78 321	1536	39.1102	-24.4163	3949	3864	12	44338	-272	18
DISC91		78 321	1542	39.1198	-24.4037	3954	3868	12	44336	-277	17
DISC91		78 321	1548	39.1297	-24.3908	4026	3939	12	44332	-284	19
DISC91		78 321	1554	39.1398	-24.3787	4033	3947	12	44336	-283	18
DISC91		78 321	16 0	39.1497	-24.3667	4042	3956	12	44338	-284	20
DISC91		78 321	16 6	39.1597	-24.3537	4052	3965	12	44352	-273	19
DISC91		78 321	1612	39.1690	-24.3400	4057	3970	12	44362	-266	19
DISC91		78 321	1618	39.1783	-24.3263	4062	3976	12	44376	-254	20
DISC91		78 321	1624	39.1878	-24.3127	4065	3979	12	44384	-249	21
DISC91		78 321	1630	39.1972	-24.2988	4067	3981	12	44388	-248	21
DISC91		78 321	1636	39.2067	-24.2850	4067	3981	12	44390	-248	22
DISC91		78 321	1642	39.2162	-24.2713	4057	3970	12	44394	-247	22
DISC91		78 321	1648	39.2258	-24.2577	3631	3550	12	44406	-238	23
DISC91		78 321	1654	39.2353	-24.2442	3765	3681	12	44424	-223	21
DISC91		78 321	17 0	39.2450	-24.2305	4062	3976	12	44452	-198	20
DISC91		78 321	17 6	39.2545	-24.2168	4067	3981	12	44474	-178	18
DISC91		78 321	1712	39.2642	-24.2032	4067	3981	12	44488	-167	16
DISC91		78 321	1718	39.2738	-24.1895	4072	3985	12	44484	-174	17
DISC91		78 321	1724	39.2833	-24.1758	4062	3976	12	44472	-189	17
DISC91		78 321	1730	39.2930	-24.1623	4052	3965	12	44462	-202	18
DISC91		78 321	1736	39.3028	-24.1488	3980	3894	12	44464	-205	18
DISC91		78 321	1742	39.3127	-24.1352	3929	3844	12	44482	-187	22
DISC91		78 321	1748	39.3223	-24.1215	3954	3868	12	44506	-166	21
DISC91		78 321	1754	39.3320	-24.1075	4001	3915	12	44522	-153	23
DISC91		78 321	18 0	39.3417	-24.0935	4011	3925	12	44532	-146	25
DISC91		78 321	18 6	39.3512	-24.0792	4001	3915	12	44546	-134	27
DISC91		78 321	1812	39.3610	-24.0659	3959	3873	12	44564	-119	27
DISC91		78 321	1818	39.3708	-24.0517	3831	3747	12	44586	-100	30
DISC91		78 321	1824	39.3805	-24.0380	3734	3650	12	44602	-87	31
DISC91		78 321	1830	39.3903	-24.0242	3554	3473	12	44602	-90	34
DISC91		78 321	1836	39.4003	-24.0105	3667	3584	12	44614	-81	34
DISC91		78 321	1842	39.4105	-23.9967	3590	3508	12	44632	-66	35
DISC91		78 321	1848	39.4207	-23.9830	3518	3438	12	44646	-55	35
DISC91		78 321	1854	39.4307	-23.9693	3385	3306	12	44632	-72	34
DISC91		78 321	19 0	39.4408	-23.9557	3585	3504	12	44584	-123	32
DISC91		78 321	19 6	39.4508	-23.9420	3713	3630	12	44538	-172	28
DISC91		78 321	1912	39.4610	-23.9282	3959	3873	12	44536	-178	25
DISC91		78 321	1918	39.4710	-23.9145	4062	3976	12	44574	-143	21
DISC91		78 321	1924	39.4810	-23.9008	4075	3989	12	44628	-92	19
DISC91		78 321	1930	39.4912	-23.8872	4077	3990	12	44680	-43	16
DISC91		78 321	1936	39.5012	-23.8733	4077	3990	12	44714	-12	13
DISC91		78 321	1942	39.5113	-23.8597	4078	3992	12	44726	-3	11
DISC91		78 321	1948	39.5215	-23.8458	4079	3992	12	44734	1	9
DISC91		78 321	1954	39.5315	-23.8320	4079	3992	12	44740	4	6
DISC91		78 321	20 0	39.5413	-23.8182	4077	3990	12	44752	13	3
DISC91		78 321	20 6	39.5513	-23.8038				44762	20	3
DISC91		78 321	2012	39.5615	-23.7895	4077	3990	12	44768	23	3
DISC91		78 321	2018	39.5717	-23.7752	4079	3992	12	44764	16	0
DISC91		78 321	2024	39.5818	-23.7607	4079	3992	12	44754	3	1
DISC91		78 321	2030	39.5920	-23.7462	4083	3996	12	44740	-13	0
DISC91		78 321	2036	39.6022	-23.7318	4083	3996	12	44728	-28	-2
DISC91		78 321	2042	39.6123	-23.7173	4083	3996	12	44714	-46	-3
DISC91		78 321	2048	39.6225	-23.7028	4083	3996	12	44702	-61	-3
DISC91		78 321	2054	39.6327	-23.6883	4083	3996	12	44684	-82	-3
DISC91		78 321	21 0	39.6428	-23.6736	4083	3996	12	44658	-111	-2
DISC91		78 321	21 6	39.6530	-23.6593	4083	3996	12	44628	-144	-1
DISC91		78 321	2112	39.6633	-23.6450	4077	3990	12	44594	-181	0
DISC91		78 321	2118	39.6738	-23.6308	4072	3985	12	44566	-212	3
DISC91		78 321	2124	39.6840	-23.6165	4067	3981	12	44548	-233	6
DISC91		78 321	2130	39.6945	-23.6022	4062	3976	12	44540	-244	11
DISC91		78 321	2136	39.7048	-23.5878	4001	3915	12	44546	-242	13
DISC91		78 321	2142	39.7153	-23.5735	3908	3822	12	44556	-225	19
DISC91		78 321	2148	39.7258	-23.5592	3842	3756	12	44566	-208	24
DISC91		78 321	2154	39.7360	-23.5453	3759	3676	12	44572	-208	29
DISC91		78 321	22 0	39.7462	-23.5322	3636	3553	12	44572	-208	34
DISC91		78 321	22 6	39.7563	-23.5190	3447	3367	12	44574	-234	37
DISC91		78 321	2212	39.7665	-23.5057	3252	3175	12	44572	-235	40
DISC91		78 321	2218	39.7767	-23.4923	3331	3155	12	44576	-234	43
DISC91		78 321	2224	39.7870	-23.4790	3190	3114	12	44596	-217	46
DISC91		78 321	2230	39.7972	-23.4658	3247	3169	12	44620	-196	48
DISC91		78 321	2236	39.8073	-23.4525	3216	3140	12	44634	-186	49
DISC91		78 321	2242	39.8175	-23.4393	3201	3125	12	44632	-191	49
DISC91		78 321	2248	39.8277	-23.4262	3293	3215	12	44612	-214	52

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 321	2254	39.8378	-23.4128	3365	3286	12	44594	-235	52
DISC91		78 321	23 0	39.8482	-23.3995	3677	3595	12	44590	-242	53
DISC91		78 321	23 6	39.8582	-23.3862	3631	3550	12	44600	-235	54
DISC91		78 321	2312	39.8680	-23.3728	3524	3442	12	44618	-221	53
DISC91		78 321	2318	39.8780	-23.3593	3488	3407	12	44622	-220	55
DISC91		78 321	2324	39.8880	-23.3458	3406	3327	12	44618	-227	55
DISC91		78 321	2330	39.8980	-23.3325	3057	2983	12	44604	-244	54
DISC91		78 321	2336	39.9080	-23.3190	3077	3003	12	44596	-255	51
DISC91		78 321	2342	39.9180	-23.3053	3390	3312	12	44604	-250	47
DISC91		78 321	2348	39.9280	-23.2918	3370	3292	12	44634	-223	43
DISC91		78 321	2354	39.9380	-23.2783	3503	3422	12	44670	-190	38
DISC91	81	78 322	0 0	39.9480	-23.2647	3611	3530	12	44712	-151	34
DISC91		78 322	0 6	39.9580	-23.2512	3744	3661	12	44756	-110	31
DISC91		78 322	012	39.9680	-23.2377	4026	3939	12	44794	-75	26
DISC91		78 322	018	39.9780	-23.2242	4190	4104	12	44818	-54	23
DISC91		78 322	024	39.9880	-23.2107	4247	4159	12	44828	-48	20
DISC91		78 322	030	39.9980	-23.1970	4277	4190	12	44830	-49	18
DISC91		78 322	036	40.0080	-23.1835	4293	4206	12	44830	-51	15
DISC91		78 322	042	40.0180	-23.1700	4293	4206	12	44826	-58	13
DISC91		78 322	048	40.0280	-23.1563	4313	4226	12	44828	-59	13
DISC91		78 322	054	40.0382	-23.1428	4324	4236	12	44824	-66	15
DISC91		78 322	1 0	40.0482	-23.1295	4329	4241	12	44818	-75	16
DISC91		78 322	1 6	40.0582	-23.1163	4329	4241	12	44810	-86	18
DISC91		78 322	112	40.0683	-23.1030	4331	4243	12	44802	-97	21
DISC91		78 322	118	40.0767	-23.0898	4329	4241	12	44798	-104	24
DISC91		78 322	124	40.0888	-23.0765	4313	4226	12	44806	-99	27
DISC91		78 322	130	40.0990	-23.0632	4288	4201	12	44814	-94	30
DISC91		78 322	136	40.1092	-23.0500	4206	4118	12	44824	-87	32
DISC91		78 322	142	40.1193	-23.0367	4206	4118	12	44834	-81	33
DISC91		78 322	148	40.1295	-23.0233	4149	4062	12	44846	-72	35
DISC91		78 322	154	40.1397	-23.0100	4098	4011	12	44860	-61	36
DISC91		78 322	2 0	40.1498	-22.9967	4103	4016	12	44878	-46	38
DISC91		78 322	2 6	40.1600	-22.9833	4072	3985	12	44898	-29	39
DISC91		78 322	212	40.1700	-22.9697	4103	4016	12	44912	-18	38
DISC91		78 322	218	40.1800	-22.9562	4257	4170	12	44916	-17	35
DISC91		78 322	224	40.1902	-22.9425	4272	4184	12	44910	-26	32
DISC91		78 322	230	40.2000	-22.9290	4293	4206	12	44902	-37	29
DISC91		78 322	236	40.2098	-22.9153	4298	4210	12	44896	-46	25
DISC91		78 322	242	40.2198	-22.9015	4318	4230	12	44898	-47	21
DISC91		78 322	248	40.2297	-22.8878	4308	4221	12	44908	-40	19
DISC91		78 322	254	40.2397	-22.8740	4380	4292	12	44924	-27	17
DISC91		78 322	3 0	40.2497	-22.8605	4380	4292	12	44944	-10	16
DISC91		78 322	3 6	40.2595	-22.8470	4385	4298	12	44964	6	13
DISC91		78 322	312	40.2698	-22.8338	4385	4298	12	44986	24	13
DISC91		78 322	318	40.2803	-22.8207	4380	4292	12	45010	45	14
DISC91		78 322	324	40.2907	-22.8078	4365	4278	12	45028	60	14
DISC91		78 322	330	40.3008	-22.7952	4288	4201	12	45036	65	15
DISC91		78 322	336	40.3115	-22.7827	4231	4144	12	45040	65	15
DISC91		78 322	342	40.3220	-22.7703	4083	3996	12	45038	60	16
DISC91		78 322	348	40.3320	-22.7578	4144	4058	12	45024	43	15
DISC91		78 322	354	40.3423	-22.7457	4272	4184	12	45002	17	15
DISC91		78 322	4 0	40.3528	-22.7327	4291	4203	12	44968	-19	14
DISC91		78 322	4 6	40.3633	-22.7197	4288	4201	12	44940	-50	13
DISC91		78 322	412	40.3740	-22.7065	4329	4241	12	44926	-68	13
DISC91		78 322	418	40.3845	-22.6935	4315	4228	12	44920	-77	14
DISC91		78 322	424	40.3950	-22.6803	4297	4210	12	44910	-90	14
DISC91		78 322	430	40.4055	-22.6673	4298	4210	12	44898	-106	15
DISC91		78 322	436	40.4160	-22.6545	4302	4215	12	44876	-131	16
DISC91		78 322	442	40.4265	-22.6415	4303	4215	12	44850	-160	15
DISC91		78 322	448	40.4370	-22.6287	4293	4206	12	44820	-194	17
DISC91		78 322	454	40.4475	-22.6157	4268	4181	12	44792	-225	17
DISC91		78 322	5 0	40.4578	-22.6027	4252	4164	12	44770	-250	18
DISC91		78 322	5 6	40.4683	-22.5897	4226	4139	12	44762	-262	19
DISC91		78 322	512	40.4787	-22.5765	4142	4054	12	44768	-259	20
DISC91		78 322	518	40.4890	-22.5632	4134	4047	12	44780	-250	21
DISC91		78 322	524	40.4992	-22.5497	4105	4018	12	44792	-241	24
DISC91		78 322	530	40.5092	-22.5362	4141	4054	12	44802	-234	25
DISC91		78 322	536	40.5188	-22.5230	4130	4043	12	44814	-225	26
DISC91		78 322	542	40.5287	-22.5098	4144	4058	12	44826	-216	27
DISC91		78 322	548	40.5383	-22.4968	4154	4067	12	44848	-197	28
DISC91		78 322	554	40.5482	-22.4837	4169	4082	12	44880	-168	29
DISC91		78 322	6 0	40.5578	-22.4707	4164	4076	12	44918	-133	30
DISC91		78 322	6 6	40.5675	-22.4577	3744	3661	12	44964	-90	32
DISC91		78 322	612	40.5772	-22.4447	3534	3453	12	45000	-57	33
DISC91		78 322	618	40.5867	-22.4313	3633	3552	12	45030	-30	33
DISC91		78 322	624	40.5963	-22.4182	3790	3707	12	45044	-19	32
DISC91		78 322	630	40.6058	-22.4048	3888	3802	12	45046	-20	31
DISC91		78 322	636	40.6155	-22.3915	3908	3822	12	45050	-19	29
DISC91		78 322	642	40.6248	-22.3783	3949	3864	12	45058	-13	28
DISC91		78 322	648	40.6343	-22.3650	3918	3833	12	45072	-2	26
DISC91		78 322	654	40.6440	-22.3517	3877	3793	12	45086	8	25
DISC91		78 322	7 0	40.6535	-22.3383	4017	3930	12	45098	17	25
DISC91		78 322	7 6	40.6630	-22.3250	4077	3990	12	45102	18	25
DISC91		78 322	712	40.6725	-22.3118	4094	4007	12	45100	13	21
DISC91		78 322	718	40.6820	-22.2985	4084	3998	12	45086	-3	19
DISC91		78 322	724	40.6915	-22.2850	4100	4014	12	45068	-23	18
DISC91		78 322	730	40.7012	-22.2715	4103	4016	12	45046	-48	16
DISC91		78 322	736	40.7108	-22.2582	4134	4047	12	45026	-71	14
DISC91		78 322	742	40.7202	-22.2443	4170	4082	12	45010	-90	14
DISC91		78 322	748	40.7297	-22.2307	4180	4093	12	44998	-105	14
DISC91		78 322	754	40.7393	-22.2170	4201	4113	12	44994	-112	14
DISC91		78 322	8 0	40.7488	-22.2033	4221	4133	12	44986	-123	11
DISC91		78 322	8 6	40.7582	-22.1898	4257	4150	12	44982	-129	9

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	81	78 322	812	40.7675	-22.1768	4245	4157	12	44978	-136	8
DISC91		78 322	818	40.7772	-22.1637	4261	4173	12	44976	-141	8
DISC91		78 322	824	40.7867	-22.1507	4267	4181	12	44974	-146	7
DISC91		78 322	830	40.7962	-22.1377	4272	4184	12	44976	-147	6
DISC91		78 322	836	40.8058	-22.1247	4275	4188	12	44978	-148	6
DISC91		78 322	842	40.8153	-22.1117	4288	4201	12	44986	-143	6
DISC91		78 322	848	40.8248	-22.0985	4290	4203	12	44994	-137	7
DISC91		78 322	854	40.8345	-22.0855	4288	4201	12	45004	-130	7
DISC91		78 322	9 0	40.8438	-22.0727	4283	4195	12	45012	-125	6
DISC91		78 322	9 6	40.8532	-22.0595	4278	4192	12	45024	-116	7
DISC91		78 322	912	40.8627	-22.0463	4072	3985	12	45042	-101	8
DISC91		78 322	918	40.8720	-22.0333	4021	3936	12	45074	-72	8
DISC91		78 322	924	40.8812	-22.0203	4042	3956	12	45106	-42	8
DISC91		78 322	930	40.8903	-22.0073	4006	3919	12	45142	-9	9
DISC91		78 322	936	40.8995	-21.9943	3976	3890	12	45174	20	9
DISC91		78 322	942	40.9087	-21.9810	4064	3978	12	45210	53	10
DISC91		78 322	948	40.9177	-21.9677	4083	3996	12	45242	82	9
DISC91		78 322	954	40.9270	-21.9543	4103	4016	12	45264	101	8
DISC91		78 322	10 0	40.9362	-21.9408	4093	4007	12	45262	96	8
DISC91		78 322	10 6	40.9453	-21.9275	4085	3998	12	45232	64	7
DISC91		78 322	1012	40.9545	-21.9138	4074	3989	12	45194	23	7
DISC91		78 322	1018	40.9635	-21.9000	4072	3985	12	45146	-27	6
DISC91		78 322	1024	40.9727	-21.8860	4075	3989	12	45112	-64	8
DISC91		78 322	1030	40.9815	-21.8722	4064	3978	12	45090	-88	8
DISC91		78 322	1036	40.9900	-21.8585	4050	3963	12	45080	-101	8
DISC91		78 322	1042	40.9988	-21.8445	4029	3943	12	45086	-97	9
DISC91		78 322	1048	41.0073	-21.8307	4011	3925	12	45094	-92	9
DISC91		78 322	1054	41.0162	-21.8168	3980	3894	12	45096	-93	10
DISC91		78 322	11 0	41.0252	-21.8027	3949	3864	12	45094	-97	11
DISC91		78 322	11 6	41.0340	-21.7883	3929	3844	12	45086	-107	13
DISC91		78 322	1112	41.0430	-21.7742	3899	3813	12	45080	-116	15
DISC91		78 322	1118	41.0520	-21.7600	3867	3782	12	45072	-127	17
DISC91		78 322	1124	41.0612	-21.7458	3802	3718	12	45076	-125	20
DISC91		78 322	1130	41.0703	-21.7317	3770	3685	12	45042	-162	20
DISC91		78 322	1136	41.0797	-21.7177	3732	3648	12	45120	-86	23
DISC91		78 322	1142	41.0890	-21.7035	3544	3464	12	45160	-49	25
DISC91		78 322	1148	41.0982	-21.6893	3544	3464	12	45176	-36	28
DISC91		78 322	1154	41.1073	-21.6757	3503	3422	12	45230	15	28
DISC91		78 322	12 0	41.1165	-21.6622	3419	3339	12	45242	24	29
DISC91		78 322	12 6	41.1257	-21.6485	3411	3332	12	45238	17	30
DISC91		78 322	1212	41.1348	-21.6348	3421	3341	12	45228	5	30
DISC91		78 322	1218	41.1438	-21.6212	3431	3352	12	45222	-3	29
DISC91		78 322	1224	41.1530	-21.6075	3436	3356	12	45220	-7	29
DISC91		78 322	1230	41.1622	-21.5938	3436	3356	12	45226	-4	29
DISC91		78 322	1236	41.1713	-21.5805	3426	3347	12	45232	-1	27
DISC91		78 322	1242	41.1805	-21.5675	3426	3347	12	45238	2	26
DISC91		78 322	1248	41.1898	-21.5542	3426	3347	12	45242	3	25
DISC91		78 322	1254	41.1990	-21.5412	3395	3316	12	45244	2	23
DISC91		78 322	13 0	41.2082	-21.5282	3395	3316	12	45248	4	23
DISC91		78 322	13 6	41.2173	-21.5152	3395	3316	12	45248	1	22
DISC91		78 322	1312	41.2267	-21.5022	3390	3312	12	45246	-3	21
DISC91		78 322	1318	41.2358	-21.4893	3390	3312	12	45240	-12	20
DISC91		78 322	1324	41.2448	-21.4765	3375	3295	12	45226	-28	20
DISC91		78 322	1330	41.2540	-21.4637	3375	3295	12	45210	-47	19
DISC91		78 322	1336	41.2628	-21.4508	3375	3295	12	45202	-58	20
DISC91		78 322	1342	41.2717	-21.4382	3365	3286	12	45196	-66	21
DISC91		78 322	1348	41.2807	-21.4257	3354	3275	12	45192	-73	21
DISC91		78 322	1354	41.2900	-21.4132	3339	3261	12	45192	-76	23
DISC91		78 322	14 0	41.2995	-21.4007	3257	3180	12	45192	-79	25
DISC91		78 322	14 6	41.3088	-21.3880	3180	3105	12	45180	-93	27
DISC91		78 322	1412	41.3182	-21.3753	3190	3114	12	45164	-112	30
DISC91		78 322	1418	41.3275	-21.3625	3129	3054	12	45150	-129	31
DISC91		78 322	1424	41.3367	-21.3498	3118	3043	12	45146	-136	32
DISC91		78 322	1430	41.3458	-21.3372	3088	3014	12	45154	-130	35
DISC91		78 322	1436	41.3552	-21.3243	3139	3063	12	45162	-125	38
DISC91		78 322	1442	41.3645	-21.3115	2924	2853	12	45172	-118	42
DISC91		78 322	1448	41.3742	-21.2983	2903	2833	12	45192	-101	46
DISC91		78 322	1454	41.3838	-21.2852	2842	2772	12	45222	-74	53
DISC91		78 322	15 0	41.3935	-21.2722	2693	2626	12	45256	-43	61
DISC91		78 322	15 6	41.4033	-21.2597	2247	2191	12	45280	-22	70
DISC91		78 322	1512	41.4132	-21.2472	2062	2012	12	45298	-7	79
DISC91		78 322	1518	41.4228	-21.2347	1980	1931	12	45306	-2	86
DISC91		78 322	1524	41.4325	-21.2223	1953	1898	12	45330	18	90
DISC91		78 322	1530	41.4422	-21.2100	1903	1856	12	45358	43	92
DISC91		78 322	1536	41.4517	-21.1975	1924	1876	12	45344	26	90
DISC91		78 322	1542	41.4610	-21.1853	1959	1911	12	45334	14	88
DISC91		78 322	1548	41.4702	-21.1728	2016	1966	12	45362	39	82
DISC91		78 322	1554	41.4795	-21.1607	2098	2046	12	45370	44	77
DISC91		78 322	16 0	41.4890	-21.1483	2293	2237	12	45376	47	70
DISC91		78 322	16 6	41.4985	-21.1362	2483	2421	12	45370	38	65
DISC91		78 322	1612	41.5077	-21.1240	2642	2577	12	45354	19	61
DISC91		78 322	1618	41.5172	-21.1117	2493	2430	12	45346	9	57
DISC91		78 322	1624	41.5268	-21.0992	2359	2301	12	45352	12	53
DISC91		78 322	1630	41.5365	-21.0868	2503	2441	12	45356	13	52
DISC91		78 322	1636	41.5462	-21.0745	2944	2873	12	45354	8	49
DISC91		78 322	1642	41.5558	-21.0622	3139	3063	12	45340	-8	43
DISC91		78 322	1648	41.5653	-21.0497				45318	-33	39
DISC91		78 322	1654	41.5750	-21.0375	3431	3352	12	45300	-54	35
DISC91		78 322	17 0	41.5845	-21.0252	3493	3413	12	45282	-75	32
DISC91		78 322	17 6	41.5940	-21.0128	3513	3433	12	45268	-92	29
DISC91		78 322	1712	41.6033	-21.0005	3575	3493	12	45258	-105	27
DISC91		78 322	1718	41.6128	-20.9882	3672	3590	12	45264	-102	26
DISC91		78 322	1724	41.6222	-20.9758	3698	3616	12	45282	-87	26

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 322	1730	41.6315	-20.9635	3705	3623	12	45310	-92	25
DISC91		78 322	1736	41.6407	-20.9513	3713	3630	12	45340	-34	25
DISC91		78 322	1742	41.6498	-20.9386	3724	3639	12	45358	-19	25
DISC91		78 322	1748	41.6588	-20.9267	3729	3645	12	45354	-26	25
DISC91		78 322	1754	41.6677	-20.9143	3718	3636	12	45336	-47	25
DISC91		78 322	18 0	41.6767	-20.9018	3718	3636	12	45314	-71	25
DISC91		78 322	18 6	41.6857	-20.8893	3718	3636	12	45290	-98	25
DISC91		78 322	1812	41.6947	-20.8767	3708	3625	12	45254	-137	25
DISC91		78 322	1818	41.7037	-20.8640	3708	3625	12	45216	-178	25
DISC91		78 322	1824	41.7125	-20.8515	3734	3650	12	45180	-216	25
DISC91		78 322	1830	41.7212	-20.8388	3731	3647	12	45160	-239	25
DISC91		78 322	1836	41.7298	-20.8260	3746	3663	12	45156	-246	25
DISC91		78 322	1842	41.7385	-20.8133	3749	3665	12	45170	-234	25
DISC91		78 322	1848	41.7473	-20.8007	3772	3689	12	45192	-215	25
DISC91		78 322	1854	41.7562	-20.7878	3801	3716	12	45222	-187	25
DISC91		78 322	19 0	41.7650	-20.7752	3808	3723	12	45260	-152	25
DISC91		78 322	19 6	41.7737	-20.7625	3818	3734	12	45306	-109	25
DISC91		78 322	1912	41.7823	-20.7498	3847	3762	12	45366	-51	25
DISC91		78 322	1918	41.7912	-20.7370	3847	3762	12	45418	-2	25
DISC91		78 322	1924	41.8005	-20.7235	3831	3747	12	45454	30	25
DISC91		78 322	1930	41.8093	-20.7102	3836	3753	12	45464	38	25
DISC91		78 322	1936	41.8188	-20.6963	3826	3742	12	45444	15	25
DISC91		78 322	1942	41.8280	-20.6830	3836	3753	12	45416	-15	25
DISC91		78 322	1948	41.8372	-20.6697	3867	3782	12	45384	-50	25
DISC91		78 322	1954	41.8465	-20.6563	3918	3833	12	45360	-77	25
DISC91		78 322	20 0	41.8557	-20.6430	3980	3894	12	45342	-97	25
DISC91		78 322	20 6	41.8652	-20.6293	4088	4001	12	45340	-102	25
DISC91		78 322	2012	41.8745	-20.6160	4149	4062	12	45336	-109	25
DISC91		78 322	2018	41.8840	-20.6027	4165	4078	12	45336	-112	25
DISC91		78 322	2024	41.8942	-20.5890	4185	4098	12	45332	-119	25
DISC91		78 322	2030	41.9040	-20.5755	4206	4118	12	45328	-126	25
DISC91		78 322	2036	41.9138	-20.5618	4216	4129	12	45320	-137	25
DISC91		78 322	2042	41.9235	-20.5483	4216	4129	12	45310	-150	25
DISC91		78 322	2048	41.9333	-20.5348	4221	4133	12	45294	-169	25
DISC91		78 322	2054	41.9430	-20.5212	4221	4133	12	45286	-180	25
DISC91		78 322	21 0	41.9528	-20.5078	4216	4129	12	45262	-207	25
DISC91		78 322	21 6	41.9627	-20.4935	4144	4058	12	45260	-212	25
DISC91		78 322	2112	41.9725	-20.4787	4206	4118	12	45288	-187	25
DISC91		78 322	2118	41.9818	-20.4642	4216	4129	12	45330	-148	25
DISC91		78 322	2124	41.9913	-20.4497	4216	4129	12	45378	-102	25
DISC91		78 322	2130	42.0008	-20.4352	4226	4139	12	45428	-55	25
DISC91		78 322	2136	42.0103	-20.4207	4216	4129	12	45460	-26	25
DISC91		78 322	2142	42.0200	-20.4060	4195	4107	12	45470	-19	25
DISC91		78 322	2148	42.0297	-20.3913	4226	4139	12	45464	-27	25
DISC91		78 322	2154	42.0393	-20.3768	4226	4139	12	45450	-44	25
DISC91		78 322	22 0	42.0488	-20.3622	4226	4139	12	45430	-67	25
DISC91		78 322	22 6	42.0585	-20.3480	4226	4139	12	45410	-89	25
DISC91		78 322	2212	42.0680	-20.3338	4221	4133	12	45400	-102	25
DISC91		78 322	2218	42.0775	-20.3197	4216	4129	12	45400	-105	25
DISC91		78 322	2224	42.0870	-20.3053	4211	4124	12	45408	-99	25
DISC91		78 322	2230	42.0963	-20.2913	4211	4124	12	45428	-82	25
DISC91		78 322	2236	42.1058	-20.2770	4206	4118	12	45444	-69	25
DISC91		78 322	2242	42.1153	-20.2628	4211	4124	12	45462	-53	25
DISC91		78 322	2248	42.1248	-20.2487	4211	4124	12	45464	-54	25
DISC91		78 322	2254	42.1345	-20.2343	4206	4118	12	45458	-63	25
DISC91		78 322	23 0	42.1440	-20.2200	4185	4098	12	45438	-86	25
DISC91		78 322	23 6	42.1535	-20.2057	4175	4087	12	45410	-116	25
DISC91		78 322	2312	42.1617	-20.1900	4185	4093	12	45388	-140	25
DISC91		78 322	2318	42.1697	-20.1742	4165	4078	12	45378	-152	25
DISC91		78 322	2324	42.1778	-20.1582	4154	4067	12	45374	-158	25
DISC91		78 322	2330	42.1857	-20.1427	4154	4067	12	45378	-156	25
DISC91		78 322	2336	42.1935	-20.1268	4154	4067	12	45370	-166	25
DISC91		78 322	2342	42.2018	-20.1110	4139	4053	12	45336	-202	25
DISC91		78 322	2348	42.2098	-20.0947	4149	4062	12	45282	-258	25
DISC91		78 322	2354	42.2178	-20.0783	3980	3894	12	45224	-318	25
DISC91	82	78 323	0 0	42.2260	-20.0620	3867	3782	12	45186	-358	25
DISC91		78 323	0 6	42.2342	-20.0457	3754	3670	12	45198	-348	25
DISC91		78 323	012	42.2423	-20.0295	3693	3610	12	45214	-333	25
DISC91		78 323	018	42.2505	-20.0135	3559	3478	12	45220	-329	25
DISC91		78 323	024	42.2588	-19.9973	3416	3336	12	45242	-310	25
DISC91		78 323	030	42.2672	-19.9813	3390	3312	12	45270	-284	25
DISC91		78 323	036	42.2755	-19.9655	3401	3321	12	45292	-264	25
DISC91		78 323	042	42.2842	-19.9503	3359	3281	12	45292	-267	25
DISC91		78 323	048	42.2928	-19.9350	3426	3347	12	45282	-279	25
DISC91		78 323	054	42.3015	-19.9195	3447	3367	12	45262	-301	25
DISC91		78 323	1 0	42.3102	-19.9042	3406	3327	12	45248	-318	25
DISC91		78 323	1 6	42.3188	-19.8888	3211	3135	12	45254	-314	25
DISC91		78 323	112	42.3283	-19.8748	3436	3356	12	45300	-271	25
DISC91		78 323	118	42.3380	-19.8607	3898	3813	12	45376	-198	25
DISC91		78 323	124	42.3478	-19.8467	3959	3873	12	45444	-132	25
DISC91		78 323	130	42.3577	-19.8327	3980	3894	12	45492	-87	25
DISC91		78 323	136	42.3673	-19.8185	3918	3833	12	45540	-42	25
DISC91		78 323	142	42.3770	-19.8045	3883	3798	12	45586	0	25
DISC91		78 323	148	42.3868	-19.7905	3888	3802	12	45636	47	25
DISC91		78 323	154	42.3963	-19.7765	4083	3996	12	45674	82	25
DISC91		78 323	2 0	42.4057	-19.7632	4211	4124	12	45700	105	25
DISC91		78 323	2 6	42.4148	-19.7498	4277	4190	12	45726	129	25
DISC91		78 323	212	42.4245	-19.7368	4883	4797	12	45742	142	25
DISC91		78 323	218	42.4342	-19.7238	4883	4797	12	45748	145	25
DISC91		78 323	224	42.4437	-19.7108	4888	4801	12	45748	142	25
DISC91		78 323	230	42.4530	-19.6982	4888	4801	12	45740	131	25
DISC91		78 323	236	42.4627	-19.6853	4883	4797	12	45730	118	25
DISC91		78 323	242	42.4722	-19.6725	4883	4797	12	45702	87	25

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	82	78 323	248	42.4813	-19.6597	4903	4817	12	45670	53	-7
DISC91		78 323	254	42.4906	-19.6470	4893	4806	12	45638	18	-6
DISC91		78 323	3 0	42.5002	-19.6343	4616	4528	12	45602	-20	-3
DISC91		78 323	3 6	42.5093	-19.6215	4380	4292	12	45560	-65	-1
DISC91		78 323	312	42.5182	-19.6092	4359	4272	12	45528	-100	2
DISC91		78 323	318	42.5275	-19.5965	4288	4201	12	45498	-132	4
DISC91		78 323	324	42.5365	-19.5838	4236	4150	12	45468	-165	8
DISC91		78 323	330	42.5457	-19.5712	4463	4395	12	45452	-184	12
DISC91		78 323	336	42.5547	-19.5583	4103	4016	12	45434	-205	16
DISC91		78 323	342	42.5637	-19.5443	4083	3996	12	45434	-207	21
DISC91		78 323	348	42.5723	-19.5305	4016	3930	12	45440	-204	26
DISC91		78 323	354	42.5815	-19.5167	4006	3919	12	45470	-176	26
DISC91		78 323	4 0	42.5902	-19.5042	4031	3945	12	45518	-131	32
DISC91		78 323	4 6	42.5988	-19.4918	3985	3899	12	45550	-101	36
DISC91		78 323	412	42.6078	-19.4792	3754	3670	12	45576	-78	39
DISC91		78 323	418	42.6170	-19.4665	3954	3868	12	45592	-65	39
DISC91		78 323	424	42.6260	-19.4535	4149	4062	12	45600	-59	38
DISC91		78 323	430	42.6352	-19.4405	4165	4078	12	45600	-62	40
DISC91		78 323	436	42.6445	-19.4273	4182	4095	12	45602	-63	38
DISC91		78 323	442	42.6540	-19.4137	4057	3970	12	45606	-62	41
DISC91		78 323	448	42.6637	-19.3998	4057	3970	12	45624	-47	41
DISC91		78 323	454	42.6730	-19.3862	4061	3974	12	45646	-27	43
DISC91		78 323	5 0	42.6825	-19.3723	4077	3990	12	45664	-12	41
DISC91		78 323	5 6	42.6920	-19.3587	4067	3981	12	45680	0	40
DISC91		78 323	512	42.7010	-19.3450	4101	4014	12	45686	3	41
DISC91		78 323	518	42.7103	-19.3313	4098	4011	12	45686	1	39
DISC91		78 323	524	42.7197	-19.3175	4054	3967	12	45680	-7	40
DISC91		78 323	530	42.7283	-19.3032	4085	3998	12	45662	-28	38
DISC91		78 323	536	42.7370	-19.2890	4047	3961	12	45640	-52	34
DISC91		78 323	542	42.7452	-19.2743	4221	4133	12	45618	-76	31
DISC91		78 323	548	42.7530	-19.2598	4216	4129	12	45590	-106	31
DISC91		78 323	554	42.7610	-19.2450	4231	4144	12	45566	-132	29
DISC91		78 323	6 0	42.7690	-19.2303	4334	4246	12	45548	-152	27
DISC91		78 323	6 6	42.7773	-19.2155	4366	4278	12	45524	-179	26
DISC91		78 323	612	42.7855	-19.2007	4374	4287	12	45502	-203	27
DISC91		78 323	618	42.7938	-19.1858	4375	4287	12	45484	-223	27
DISC91		78 323	624	42.8022	-19.1713	4374	4287	12	45484	-225	26
DISC91		78 323	630	42.8108	-19.1568	4355	4268	12	45490	-222	25
DISC91		78 323	636	42.8192	-19.1428	4347	4259	12	45510	-204	26
DISC91		78 323	642	42.8277	-19.1283	4313	4225	12	45522	-194	25
DISC91		78 323	648	42.8358	-19.1142	4346	4259	12	45534	-185	25
DISC91		78 323	654	42.8440	-19.1003	4370	4281	12	45548	-173	28
DISC91		78 323	7 0	42.8540	-19.0898	4366	4278	12	45560	-164	26
DISC91		78 323	7 6	42.8665	-19.0857	4367	4279	12	45570	-159	27
DISC91		78 323	712	42.8785	-19.0828	4364	4276	12	45574	-160	27
DISC91		78 323	718	42.8908	-19.0795	4343	4255	12	45574	-165	32
DISC91		78 323	724	42.9032	-19.0757	4312	4225	12	45574	-169	33
DISC91		78 323	730	42.9157	-19.0717	4324	4236	12	45576	-172	31
DISC91		78 323	736	42.9282	-19.0675	4323	4236	12	45574	-179	32
DISC91		78 323	742	42.9393	-19.0633	4324	4236	12	45572	-185	35
DISC91		78 323	748	42.9517	-19.0592	4323	4236	12	45576	-186	33
DISC91		78 323	754	42.9633	-19.0548	4324	4236	12	45580	-186	37
DISC91		78 323	8 0	42.9753	-19.0503	4316	4228	12	45588	-185	38
DISC91		78 323	8 6	42.9875	-19.0462	4298	4210	12	45594	-182	38
DISC91		78 323	812	42.9975	-19.0418	4277	4190	12	45592	-188	36
DISC91		78 323	818	43.0025	-19.0378	4269	4182	12	45602	-179	
DISC91		78 323	824	43.0070	-19.0340						
DISC91		78 323	830	43.0113	-19.0300						
DISC91		78 323	836	43.0158	-19.0260						
DISC91		78 323	842	43.0203	-19.0222						
DISC91		78 323	848	43.0247	-19.0182						
DISC91		78 323	854	43.0292	-19.0142						
DISC91		78 323	9 0	43.0337	-19.0102						
DISC91		78 323	9 6	43.0382	-19.0063						
DISC91		78 323	912	43.0425	-19.0023						
DISC91		78 323	918	43.0470	-18.9983						
DISC91		78 323	924	43.0515	-18.9943						
DISC91		78 323	930	43.0558	-18.9905						
DISC91		78 323	936	43.0603	-18.9865						
DISC91		78 323	942	43.0648	-18.9825						
DISC91		78 323	948	43.0693	-18.9787						
DISC91		78 323	954	43.0737	-18.9747						
DISC91		78 323	10 0	43.0782	-18.9707	4374	4287	12			
DISC91		78 323	10 6	43.0827	-18.9667	4365	4278	12			
DISC91		78 323	1012	43.0870	-18.9628	4313	4226	12			
DISC91		78 323	1018	43.0915	-18.9588	4308	4221	12			
DISC91		78 323	1024	43.0960	-18.9550	4277	4190	12			
DISC91		78 323	1030	43.1012	-18.9510	4267	4181	12			
DISC91		78 323	1036	43.1065	-18.9470	4332	4245	12			
DISC91		78 323	1042	43.1122	-18.9432	4347	4259	12			
DISC91		78 323	1048	43.1203	-18.9420	4356	4268	12			
DISC91		78 323	1054	43.1322	-18.9377	4368	4279	12			
DISC91		78 323	11 0	43.1438	-18.9337	4406	4318	12			
DISC91		78 323	11 6	43.1560	-18.9292	4426	4338	12			
DISC91		78 323	1112	43.1680	-18.9250	4429	4342	12			
DISC91		78 323	1118	43.1782	-18.9167	4437	4349	12			
DISC91		78 323	1124	43.1835	-18.9070	4447	4358	12			
DISC91		78 323	1130	43.1888	-18.8978	4450	4362	12			
DISC91		78 323	1136	43.1945	-18.8897	4454	4365	12			
DISC91		78 323	1142	43.2000	-18.8815	4457	4369	12			
DISC91		78 323	1148	43.2055	-18.8738	4469	4382	12			
DISC91		78 323	1154	43.2130	-18.8642	4308	4221	12			
DISC91		78 323	12 0	43.2228	-18.8517	4154	4067	12			

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DISC91	78 323	12 6	43.2325	-18.8385	4031	3945	12	45630	-228	
DISC91	78 323	1212	43.2418	-18.8257	3980	3894	12	45624	-236	
DISC91	78 323	1218	43.2503	-18.8133	4062	3976	12	45626	-237	
DISC91	78 323	1224	43.2578	-18.8017	4103	4016	12	45628	-237	
DISC91	78 323	1230	43.2655	-18.7900	4134	4047	12	45632	-235	
DISC91	78 323	1236	43.2732	-18.7782	4195	4107	12	45624	-245	
DISC91	78 323	1242	43.2782	-18.7632	4267	4181	12	45618	-252	
DISC91	78 323	1248	43.2773	-18.7458	4257	4170	12	45602	-267	
DISC91	78 323	1254	43.2702	-18.7300	4724	4636	12	45582	-283	
DISC91	78 323	13 0	43.2610	-18.7153	4724	4636	12	45574	-286	
DISC91	78 323	13 6	43.2517	-18.7007	4724	4636	12	45572	-283	
DISC91	78 323	1312	43.2423	-18.6858	4724	4636	12	45564	-286	
DISC91	78 323	1318	43.2330	-18.6713	4585	4497	12	45544	-301	
DISC91	78 323	1324	43.2235	-18.6563	4616	4528	12	45522	-318	
DISC91	78 323	1330	43.2142	-18.6415	4462	4374	12	45530	-306	
DISC91	78 323	1336	43.2047	-18.6265	4226	4139	12	45578	-253	
DISC91	78 323	1342	43.1953	-18.6117	4175	4087	12	45654	-172	
DISC91	78 323	1348	43.1860	-18.5970	4242	4155	12	45726	-95	
DISC91	78 323	1354	43.1767	-18.5823	4242	4155	12	45764	-53	
DISC91	78 323	14 0	43.1673	-18.5677	4247	4159	12	45768	-43	
DISC91	78 323	14 6	43.1580	-18.5528	4154	4067	12	45724	-39	
DISC91	78 323	1412	43.1482	-18.5382	4175	4087	12	45650	-129	
DISC91	78 323	1418	43.1390	-18.5252	4154	4067	12	45568	-209	
DISC91	78 323	1424	43.1298	-18.5110	4113	4027	12	45498	-294	
DISC91	78 323	1430	43.1207	-18.4970	4098	4011	12	45460	-327	
DISC91	78 323	1436	43.1115	-18.4830	4093	4007	12	45446	-337	
DISC91	78 323	1442	43.1028	-18.4697	4001	3915	12	45440	-338	
DISC91	78 323	1448	43.0947	-18.4575	3970	3884	12	45434	-340	
DISC91	78 323	1454	43.0867	-18.4453	3929	3844	12	45440	-330	
DISC91	78 323	15 0	43.0790	-18.4338	3918	3833	12	45470	-296	
DISC91	78 323	15 6	43.0710	-18.4220	3954	3868	12	45526	-236	
DISC91	78 323	1512	43.0618	-18.4080	3954	3868	12	45616	-141	
DISC91	78 323	1518	43.0528	-18.3942	3965	3879	12	45686	-67	
DISC91	78 323	1524	43.0437	-18.3800	3990	3904	12	45728	-20	
DISC91	78 323	1530	43.0345	-18.3660	4001	3915	12	45734	-9	
DISC91	78 323	1536	43.0253	-18.3520	4031	3945	12	45724	14	
DISC91	78 323	1542	43.0163	-18.3382	4077	3990	12	45702	32	
DISC91	78 323	1548	43.0072	-18.3242	4108	4022	12	45676	53	
DISC91	78 323	1554	42.9980	-18.3103	4124	4036	12	45670	55	
DISC91	78 323	16 0	42.9888	-18.2963	3908	3822	12	45664	56	
DISC91	78 323	16 6	42.9797	-18.2825	3765	3681	12	45648	67	
DISC91	78 323	1612	42.9705	-18.2683	3688	3605	12	45622	88	57
DISC91	78 323	1618	42.9613	-18.2545	3621	3539	12	45596	110	56
DISC91	78 323	1624	42.9522	-18.2405	3749	3665	12	45586	115	55
DISC91	78 323	1630	42.9430	-18.2265	3929	3844	12	45578	118	51
DISC91	78 323	1636	42.9338	-18.2125	4103	4016	12	45586	105	48
DISC91	78 323	1642	42.9248	-18.1998	4175	4087	12	45592	95	40
DISC91	78 323	1648	42.9153	-18.1878	4267	4181	12	45598	84	34
DISC91	78 323	1654	42.9058	-18.1757	4308	4221	12	45608	69	32
DISC91	78 323	17 0	42.8965	-18.1637	4313	4226	12	45620	52	29
DISC91	78 323	17 5	42.8870	-18.1515	4318	4230	12	45632	36	26
DISC91	78 323	1712	42.8777	-18.1397	4318	4230	12	45648	15	24
DISC91	78 323	1718	42.8682	-18.1278	4334	4246	12	45664	-5	22
DISC91	78 323	1724	42.8570	-18.1195	4349	4261	12	45674	-20	22
DISC91	78 323	1730	42.8440	-18.1217	4359	4272	12	45664	-52	22
DISC91	78 323	1736	42.8338	-18.1297	4365	4278	12	45642	-77	22
DISC91	78 323	1742	42.8275	-18.1345	4370	4281	12		-92	22
DISC91	78 323	1748	42.8215	-18.1402	4359	4272	12			
DISC91	78 323	1754	42.8162	-18.1468	4339	4252	12			
DISC91	78 323	18 0	42.8107	-18.1537	4329	4241	12			
DISC91	78 323	18 6	42.8052	-18.1602	4344	4256	12			
DISC91	78 323	1812	42.7983	-18.1655	4349	4261	12			
DISC91	78 323	1818	42.7915	-18.1705	4354	4267	12			
DISC91	78 323	1824	42.7848	-18.1755	4344	4256	12			
DISC91	78 323	1830	42.7782	-18.1807	4346	4259	12			
DISC91	78 323	1836	42.7717	-18.1857	4346	4259	12			
DISC91	78 323	1842	42.7652	-18.1910	4344	4256	12			
DISC91	78 323	1848	42.7585	-18.1883	4354	4267	12			
DISC91	78 323	1854	42.7540	-18.1812	4370	4281	12			
DISC91	78 323	19 0	42.7497	-18.1737	4375	4287	12			
DISC91	78 323	19 6	42.7455	-18.1663	4370	4281	12			
DISC91	78 323	1912	42.7413	-18.1590	4359	4272	12			
DISC91	78 323	1918	42.7373	-18.1515	4339	4252	12			
DISC91	78 323	1924	42.7332	-18.1447	4324	4236	12			
DISC91	78 323	1930	42.7282	-18.1370	4308	4221	12			
DISC91	78 323	1936	42.7235	-18.1293	4334	4246	12			
DISC91	78 323	1942	42.7188	-18.1218	4252	4164	12			
DISC91	78 323	1948	42.7140	-18.1145	4226	4139	12			
DISC91	78 323	1954	42.7092	-18.1070	4329	4241	12	45688	96	20
DISC91	78 323	20 0	42.7045	-18.1000	4313	4226	12	45688	98	20
DISC91	78 323	20 6	42.7000	-18.0933	4303	4215	12	45678	91	17
DISC91	78 323	2012	42.6942	-18.0842	4318	4230	12	45656	72	19
DISC91	78 323	2018	42.6850	-18.0700	4334	4246	12	45596	17	18
DISC91	78 323	2024	42.6760	-18.0560	4298	4210	12	45530	-44	16
DISC91	78 323	2030	42.6672	-18.0420	4421	4332	12	45470	-99	15
DISC91	78 323	2036	42.6582	-18.0280	4559	4471	12	45416	-148	12
DISC91	78 323	2042	42.6495	-18.0142				45364	-196	11
DISC91	78 323	2048	42.6405	-18.0000	4565	4477	12	45310	-245	9
DISC91	78 323	2054	42.6320	-17.9860	4708	4621	12	45262	-288	6
DISC91	78 323	21 0	42.6237	-17.9718	4944	4857	12	45236	-310	4
DISC91	78 323	21 6	42.6153	-17.9575	4959	4874	12	45220	-322	3
DISC91	78 323	2112	42.6068	-17.9433	4959	4874	12	45204	-333	1
DISC91	78 323	2118	42.5983	-17.9288	4954	4868	12	45190	-343	-0

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	82	78 323	2124	42.5897	-17.9142	4959	4874	12	45176	-352	0
DISC91		78 323	2130	42.5810	-17.8997	4959	4874	12	45174	-350	0
DISC91		78 323	2136	42.5723	-17.8848	4954	4868	12	45182	-337	0
DISC91		78 323	2142	42.5638	-17.8705	4883	4797	12	45206	-309	1
DISC91		78 323	2148	42.5552	-17.8560	4872	4786	12	45246	-264	3
DISC91		78 323	2154	42.5465	-17.8418	4929	4843	12	45288	-218	3
DISC91		78 323	22 0	42.5380	-17.8268	4959	4874	12	45324	-177	3
DISC91		78 323	22 6	42.5293	-17.8125	5006	4919	12	45364	-133	3
DISC91		78 323	2212	42.5208	-17.7983	5042	4956	12	45404	-88	3
DISC91		78 323	2218	42.5122	-17.7840	5047	4962	12	45452	-36	3
DISC91		78 323	2224	42.5037	-17.7698	5042	4956	12	45502	18	3
DISC91		78 323	2230	42.4952	-17.7557	4995	4910	12	45540	60	4
DISC91		78 323	2236	42.4867	-17.7413				45562	87	4
DISC91		78 323	2242	42.4777	-17.7268	4970	4885	12	45552	81	5
DISC91		78 323	2248	42.4688	-17.7125	4959	4874	12	45518	52	7
DISC91		78 323	2254	42.4597	-17.6982	4990	4905	12	45466	4	7
DISC91		78 323	23 0	42.4505	-17.6838	5006	4919	12	45408	-48	6
DISC91		78 323	23 6	42.4413	-17.6695	5001	4916	12	45356	-95	9
DISC91		78 323	2312	42.4322	-17.6550	5001	4916	12	45324	-122	10
DISC91		78 323	2318	42.4233	-17.6405	5021	4936	12	45304	-138	12
DISC91		78 323	2324	42.4143	-17.6262	4924	4837	12	45294	-143	14
DISC91		78 323	2330	42.4055	-17.6118	4683	4596	12	45296	-137	16
DISC91		78 323	2336	42.3965	-17.5973	4606	4517	12	45308	-120	18
DISC91		78 323	2342	42.3873	-17.5828	4688	4599	12	45326	-97	18
DISC91		78 323	2348	42.3783	-17.5683	4924	4837	12	45348	-71	19
DISC91		78 323	2354	42.3712	-17.5525	4990	4905	12	45366	-49	16
DISC91	83	78 324	0 0	42.3707	-17.5340	5047	4962	12	45382	-31	16
DISC91		78 324	0 6	42.3777	-17.5185	5098	5013	12	45396	-19	12
DISC91		78 324	012	42.3857	-17.5032	5098	5013	12	45416	-1	11
DISC91		78 324	018	42.3935	-17.4877	5103	5018	12	45434	13	10
DISC91		78 324	024	42.4015	-17.4723	5088	5004	12	45446	23	10
DISC91		78 324	030	42.4098	-17.4567	5108	5024	12	45458	33	9
DISC91		78 324	036	42.4180	-17.4410	5134	5049	12	45462	35	11
DISC91		78 324	042	42.4260	-17.4257	5134	5049	12	45456	26	10
DISC91		78 324	048	42.4342	-17.4102	5136	5051	12	45454	22	10
DISC91		78 324	054	42.4423	-17.3947	5134	5049	12	45444	10	9
DISC91		78 324	1 0	42.4507	-17.3790	5139	5055	12	45438	-1	10
DISC91		78 324	1 6	42.4590	-17.3633	5139	5055	12	45434	-4	12
DISC91		78 324	112	42.4673	-17.3477	5134	5049	12	45440	0	12
DISC91		78 324	118	42.4753	-17.3322	5124	5040	12	45448	4	13
DISC91		78 324	124	42.4837	-17.3165	5118	5035	12	45460	14	14
DISC91		78 324	130	42.4920	-17.3008	5093	5009	12	45478	30	16
DISC91		78 324	136	42.5002	-17.2853	5011	4925	12	45490	39	16
DISC91		78 324	142	42.5083	-17.2697	4965	4879	12	45498	45	19
DISC91		78 324	148	42.5167	-17.2540	4924	4837	12	45496	41	21
DISC91		78 324	154	42.5252	-17.2383	4862	4775	12	45496	38	21
DISC91		78 324	2 0	42.5335	-17.2227	4872	4786	12	45494	34	21
DISC91		78 324	2 6	42.5418	-17.2073	4836	4753	13	45486	23	22
DISC91		78 324	212	42.5505	-17.1925	4801	4716	13	45476	11	23
DISC91		78 324	218	42.5593	-17.1775	4759	4676	13	45460	-7	22
DISC91		78 324	224	42.5678	-17.1627	4718	4634	13	45442	-27	21
DISC91		78 324	230	42.5767	-17.1477	4775	4691	13	45430	-42	21
DISC91		78 324	236	42.5855	-17.1327	4867	4784	13	45418	-56	20
DISC91		78 324	242	42.5947	-17.1177	5016	4934	13	45408	-69	18
DISC91		78 324	248	42.6037	-17.1028	5083	5000	13	45400	-80	17
DISC91		78 324	254	42.6130	-17.0882	5098	5016	13	45400	-83	16
DISC91		78 324	3 0	42.6223	-17.0743	5108	5026	13	45410	-76	18
DISC91		78 324	3 6	42.6312	-17.0585	5098	5016	13	45418	-70	20
DISC91		78 324	312	42.6402	-17.0425	5098	5016	13	45424	-67	20
DISC91		78 324	318	42.6492	-17.0265	5103	5022	13	45432	-61	20
DISC91		78 324	324	42.6582	-17.0103	5093	5011	13	45436	-60	20
DISC91		78 324	330	42.6672	-16.9943	5062	4980	13	45452	-46	21
DISC91		78 324	336	42.6762	-16.9785	5098	5016	13	45474	-27	22
DISC91		78 324	342	42.6852	-16.9625	5098	5016	13	45516	11	22
DISC91		78 324	348	42.6945	-16.9463	5067	4985	13	45564	56	23
DISC91		78 324	354	42.7035	-16.9303	5062	4980	13	45614	104	23
DISC91		78 324	4 0	42.7125	-16.9143	5055	4973	13	45660	147	24
DISC91		78 324	4 6	42.7215	-16.8983	4949	4866	13	45690	174	25
DISC91		78 324	412	42.7307	-16.8822	4580	4497	13	45696	177	26
DISC91		78 324	418	42.7397	-16.8660	4472	4389	13	45682	161	29
DISC91		78 324	424	42.7488	-16.8500	4585	4501	13	45652	128	26
DISC91		78 324	430	42.7580	-16.8338	4731	4647	13	45618	91	27
DISC91		78 324	436	42.7672	-16.8178	4847	4764	13	45590	60	26
DISC91		78 324	442	42.7757	-16.8015	4849	4766	13	45582	50	26
DISC91		78 324	448	42.7840	-16.7860	4845	4760	13	45582	47	25
DISC91		78 324	454	42.7923	-16.7705	4857	4773	13	45608	71	26
DISC91		78 324	5 0	42.8008	-16.7550	4838	4755	13	45638	98	28
DISC91		78 324	5 6	42.8092	-16.7395	4765	4682	13	45666	124	30
DISC91		78 324	512	42.8177	-16.7238	4718	4634	13	45680	135	31
DISC91		78 324	518	42.8258	-16.7083	4688	4603	13	45670	123	33
DISC91		78 324	524	42.8342	-16.6930	4431	4347	13	45642	93	35
DISC91		78 324	530	42.8423	-16.6775	4529	4446	13	45612	60	34
DISC91		78 324	536	42.8503	-16.6622	4785	4702	13	45602	48	31
DISC91		78 324	542	42.8588	-16.6470	4837	4755	13	45622	65	30
DISC91		78 324	548	42.8672	-16.6320	4949	4866	13	45654	95	26
DISC91		78 324	554	42.8757	-16.6170	5026	4943	13	45686	124	25
DISC91		78 324	6 0	42.8843	-16.6020	5167	5086	13	45698	134	22
DISC91		78 324	6 6	42.8930	-16.5868	5107	5026	13	45690	123	20
DISC91		78 324	612	42.9017	-16.5717	5006	4923	13	45666	96	21
DISC91		78 324	618	42.9103	-16.5565	4889	4806	13	45628	56	21
DISC91		78 324	624	42.9188	-16.5415	4913	4830	13	45582	7	22
DISC91		78 324	630	42.9272	-16.5263	4898	4815	13	45536	-40	24
DISC91		78 324	636	42.9358	-16.5113	4889	4806	13	45490	-89	23

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 324	642	42.9443	-16.4962	4866	4782	13	45454	-128	25
DISC91	78 324	648	42.9532	-16.4810	4848	4764	13	45428	-156	25
DISC91	78 324	654	42.9617	-16.4660	4801	4716	13	45400	-187	26
DISC91	78 324	7 0	42.9703	-16.4510	4688	4603	13	45376	-213	28
DISC91	78 324	7 6	42.9788	-16.4360	4524	4440	13	45356	-236	28
DISC91	78 324	712	42.9875	-16.4208	4484	4400	13	45344	-251	28
DISC91	78 324	718	42.9960	-16.4057	4601	4517	13	45336	-261	28
DISC91	78 324	724	43.0058	-16.3930	4785	4698	13	45338	-262	
DISC91	78 324	730	43.0162	-16.3980	4590	4503	12	45352	-253	
DISC91	78 324	736	43.0242	-16.4108	4334	4246	12	45368	-240	
DISC91	78 324	742	43.0322	-16.4235	4324	4236	12	45396	-216	28
DISC91	78 324	748	43.0405	-16.4367	4483	4395	12	45420	-197	28
DISC91	78 324	754	43.0485	-16.4493	4601	4513	12	45444	-176	30
DISC91	78 324	8 0	43.0567	-16.4627	4698	4610	12	45454	-171	29
DISC91	78 324	8 6	43.0647	-16.4755	4721	4632	12	45452	-176	27
DISC91	78 324	812	43.0725	-16.4882	4742	4654	12	45446	-186	28
DISC91	78 324	818	43.0800	-16.5010	4753	4665	12	45456	-180	29
DISC91	78 324	824	43.0873	-16.5133	4745	4658	12	45472	-168	29
DISC91	78 324	830	43.0945	-16.5255	4749	4662	12	45508	-135	29
DISC91	78 324	836	43.1020	-16.5380	4761	4673	12	45548	-99	29
DISC91	78 324	842	43.1097	-16.5507	4766	4678	12	45598	-53	29
DISC91	78 324	848	43.1170	-16.5630	4759	4673	12	45632	-23	30
DISC91	78 324	854	43.1247	-16.5757	4654	4567	12	45654	-4	31
DISC91	78 324	9 0	43.1322	-16.5883	4513	4426	12	45664	1	32
DISC91	78 324	9 6	43.1397	-16.6012	4482	4395	12	45662	-4	33
DISC91	78 324	912	43.1463	-16.6152	4526	4438	12	45654	-15	34
DISC91	78 324	918	43.1533	-16.6295	4427	4340	12	45654	-19	34
DISC91	78 324	924	43.1600	-16.6427	4430	4343	12	45654	-22	36
DISC91	78 324	930	43.1670	-16.6570	4418	4331	12	45660	-20	34
DISC91	78 324	936	43.1738	-16.6708	4389	4301	12	45668	-16	34
DISC91	78 324	942	43.1810	-16.6845	4349	4261	12	45666	-21	37
DISC91	78 324	948	43.1878	-16.6975	4298	4210	12	45662	-29	38
DISC91	78 324	954	43.1953	-16.7100	4267	4181	12	45660	-35	38
DISC91	78 324	10 0	43.2027	-16.7218	4247	4159	12	45662	-36	37
DISC91	78 324	10 6	43.2108	-16.7345	4244	4157	12	45670	-32	35
DISC91	78 324	1012	43.2193	-16.7477	4216	4129	12	45688	-18	34
DISC91	78 324	1018	43.2275	-16.7603	4493	4406	12	45722	11	32
DISC91	78 324	1024	43.2355	-16.7728	4489	4400	12	45774	59	30
DISC91	78 324	1030	43.2442	-16.7855	4483	4395	12	45854	135	28
DISC91	78 324	1036	43.2527	-16.7982	4472	4384	12	45942	218	27
DISC91	78 324	1042	43.2613	-16.8110	4472	4384	12	46014	286	26
DISC91	78 324	1048	43.2698	-16.8237	4462	4374	12	46050	318	26
DISC91	78 324	1054	43.2785	-16.8363	4459	4371	12	46050	314	25
DISC91	78 324	11 0	43.2870	-16.8487	4457	4369	12	46022	282	26
DISC91	78 324	11 6	43.2955	-16.8615	4447	4358	12	45978	234	25
DISC91	78 324	1112	43.3042	-16.8743	4376	4289	12	45912	163	24
DISC91	78 324	1118	43.3127	-16.8870	4348	4261	12	45842	89	26
DISC91	78 324	1124	43.3213	-16.8998	4272	4184	12	45778	21	28
DISC91	78 324	1130	43.3305	-16.9130	4237	4150	12	45718	-42	31
DISC91	78 324	1136	43.3397	-16.9258	4175	4087	12	45663	-97	31
DISC91	78 324	1142	43.3492	-16.9393	4103	4016	12	45638	-131	33
DISC91	78 324	1148	43.3582	-16.9523	4028	3943	12	45622	-152	36
DISC91	78 324	1154	43.3672	-16.9655	3944	3859	12	45630	-148	37
DISC91	78 324	12 0	43.3762	-16.9790	3872	3787	12	45646	-137	39
DISC91	78 324	12 6	43.3850	-16.9918	3770	3685	12	45658	-129	40
DISC91	78 324	1212	43.3938	-17.0043	3708	3625	12	45666	-125	42
DISC91	78 324	1218	43.4023	-17.0167	3554	3473	12	45658	-137	44
DISC91	78 324	1224	43.4108	-17.0292	3626	3544	12	45648	-151	45
DISC91	78 324	1230	43.4197	-17.0417	3729	3645	12	45642	-162	44
DISC91	78 324	1236	43.4283	-17.0545	3759	3676	12	45648	-160	45
DISC91	78 324	1242	43.4372	-17.0673	3775	3691	12	45696	-116	43
DISC91	78 324	1248	43.4460	-17.0802	3816	3731	12	45762	-55	42
DISC91	78 324	1254	43.4545	-17.0928	3826	3742	12	45832	10	42
DISC91	78 324	13 0	43.4632	-17.1055	3836	3753	12	45896	70	42
DISC91	78 324	13 6	43.4717	-17.1183	3847	3762	12	45950	119	41
DISC91	78 324	1312	43.4800	-17.1310	3821	3736	12	45986	151	44
DISC91	78 324	1318	43.4880	-17.1435	3826	3742	12	46008	169	44
DISC91	78 324	1324	43.4965	-17.1568	3806	3722	12	46020	177	44
DISC91	78 324	1330	43.5050	-17.1702	3754	3670	12	46022	175	45
DISC91	78 324	1336	43.5133	-17.1832	3713	3630	12	46022	170	47
DISC91	78 324	1342	43.5218	-17.1963	3677	3595	12	46018	162	48
DISC91	78 324	1348	43.5305	-17.2097	3631	3550	12	46000	140	49
DISC91	78 324	1354	43.5390	-17.2230	3611	3530	12	45978	114	49
DISC91	78 324	14 0	43.5475	-17.2358	3601	3519	12	45964	95	49
DISC91	78 324	14 6	43.5562	-17.2492	3642	3559	12	45958	85	48
DISC91	78 324	1412	43.5650	-17.2620	3754	3670	12	45946	69	49
DISC91	78 324	1418	43.5740	-17.2743	3836	3753	12	45922	40	47
DISC91	78 324	1424	43.5828	-17.2870	3867	3782	12	45882	-3	46
DISC91	78 324	1430	43.5915	-17.2997	3867	3782	12	45854	-36	45
DISC91	78 324	1436	43.6007	-17.3128	3867	3782	12	45846	-48	44
DISC91	78 324	1442	43.6093	-17.3252	3883	3798	12	45862	-36	45
DISC91	78 324	1448	43.6180	-17.3375	3826	3742	12	45886	-17	45
DISC91	78 324	1454	43.6270	-17.3500	3780	3696	12	45890	-17	46
DISC91	78 324	15 0	43.6362	-17.3623	3672	3590	12	45872	-40	48
DISC91	78 324	15 6	43.6448	-17.3745	3590	3508	12	45840	-76	48
DISC91	78 324	1512	43.6532	-17.3867	3498	3418	12	45796	-124	52
DISC91	78 324	1518	43.6620	-17.3997	3436	3356	12	45738	-186	54
DISC91	78 324	1524	43.6708	-17.4127	3390	3312	12	45668	-261	55
DISC91	78 324	1530	43.6793	-17.4260	3380	3301	12	45616	-317	56
DISC91	78 324	1536	43.6875	-17.4397	3375	3295	12	45596	-341	57
DISC91	78 324	1542	43.6948	-17.4538	3365	3286	12	45606	-335	57
DISC91	78 324	1548	43.7020	-17.4680	3359	3281	12	45644	-301	59
DISC91	78 324	1554	43.7092	-17.4818	3344	3266	12	45694	-255	59

CRUISE IDENT		DATE	HR	MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	83	78 324	16	0	43.7165	-17 - 4963	3226	3149	12	45738	-215	59
DISC91		78 324	16	6	43.7240	-17 - 5108	3226	3149	12	45768	-189	62
DISC91		78 324	16	12	43.7310	-17 - 5245	3231	3155	12	45792	-168	61
DISC91		78 324	16	12	43.7310	-17 - 5380	3262	3186	12	45830	-134	61
DISC91		78 324	16	18	43.7383	-17 - 5522	3344	3266	12	45862	-106	61
DISC91		78 324	16	24	43.7463	-17 - 5657	3416	3336	12	45888	-84	59
DISC91		78 324	16	30	43.7543	-17 - 5790	3488	3407	12	45928	-48	58
DISC91		78 324	16	36	43.7622	-17 - 5923	3490	3409	12	45978	-2	58
DISC91		78 324	16	42	43.7700	-17 - 6063	3483	3402	12	46022	37	56
DISC91		78 324	16	48	43.7777	-17 - 6197	3467	3387	12	46036	47	55
DISC91		78 324	16	54	43.7848	-17 - 6337	3493	3413	12	46034	41	55
DISC91		78 324	17	0	43.7922	-17 - 6477	3529	3447	12	46034	37	56
DISC91		78 324	17	6	43.7998	-17 - 6615	3467	3387	12	46044	43	54
DISC91		78 324	17	12	43.8072	-17 - 6753	3457	3378	12	46062	57	52
DISC91		78 324	17	18	43.8148	-17 - 6900	3467	3387	12	46054	47	53
DISC91		78 324	17	24	43.8183	-17 - 7035	3621	3539	12	45994	-9	56
DISC91		78 324	17	30	43.8088	-17 - 7153	3749	3665	12	45932	-68	59
DISC91		78 324	17	36	43.7970	-17 - 7260	3729	3645	12	45894	-102	57
DISC91		78 324	17	42	43.7862	-17 - 7362	3698	3616	12	45874	-118	
DISC91		78 324	17	48	43.7755	-17 - 7460	3713	3630	12	45870	-119	
DISC91		78 324	17	54	43.7643	-17 - 7433	3601	3519	12	45894	-89	
DISC91		78 324	18	0	43.7512	-17 - 7280	3108	3034	12	45960	-18	68
DISC91		78 324	18	6	43.7415	-17 - 7125	3062	2988	12	46026	51	70
DISC91		78 324	18	12	43.7320	-17 - 6972	3077	3003	12	46080	110	71
DISC91		78 324	18	18	43.7225	-17 - 6820	3252	3175	12	46096	131	72
DISC91		78 324	18	24	43.7132	-17 - 6667	3283	3206	12	46060	100	72
DISC91		78 324	18	30	43.7037	-17 - 6512	3283	3206	12	45998	43	73
DISC91		78 324	18	36	43.6942	-17 - 6353	3216	3140	12	45936	-14	73
DISC91		78 324	18	42	43.6855	-17 - 6195	3156	3082	12	45894	-51	75
DISC91		78 324	18	48	43.6765	-17 - 6038	3190	3114	12	45850	-90	74
DISC91		78 324	18	54	43.6672	-17 - 5882	3201	3125	12	45798	-138	72
DISC91		78 324	19	0	43.6580	-17 - 5723	3226	3149	12	45742	-189	70
DISC91		78 324	19	6	43.6492	-17 - 5565	3247	3169	12	45682	-244	68
DISC91		78 324	19	12	43.6400	-17 - 5407	3236	3160	12	45622	-300	66
DISC91		78 324	19	18	43.6310	-17 - 5252				45584	-333	65
DISC91		78 324	19	24	43.6220	-17 - 5093	3272	3195	12	45598	-314	63
DISC91		78 324	19	30	43.6130	-17 - 4937	3290	3213	12	45682	-226	61
DISC91		78 324	19	36	43.6040	-17 - 4780	3324	3246	12	45800	-103	58
DISC91		78 324	19	42	43.5950	-17 - 4615	3585	3504	12	45882	-16	59
DISC91		78 324	19	48	43.5855	-17 - 4447	3754	3670	12	45928	34	56
DISC91		78 324	19	54	43.5755	-17 - 4280	3842	3756	12	45964	75	54
DISC91		78 324	20	0	43.5653	-17 - 4108	3852	3767	12	45958	74	53
DISC91		78 324	20	6	43.5560	-17 - 3907	3847	3762	12	45922	40	52
DISC91		78 324	20	12	43.5537	-17 - 3742	3847	3762	12	45916	33	49
DISC91		78 324	20	18	43.5603	-17 - 3613	3857	3773	12	45928	42	47
DISC91		78 324	20	24	43.5705	-17 - 3480	3857	3773	12	45924	34	47
DISC91		78 324	20	30	43.5808	-17 - 3348	3867	3782	12	45908	15	47
DISC91		78 324	20	36	43.5912	-17 - 3217	3862	3776	12	45886	-9	46
DISC91		78 324	20	42	43.6017	-17 - 3090	3872	3787	12	45870	-28	45
DISC91		78 324	20	48	43.6118	-17 - 2982	3867	3782	12	45856	-46	44
DISC91		78 324	20	54	43.6225	-17 - 2985	3877	3793	12	45870	-36	42
DISC91		78 324	21	0	43.6343	-17 - 3083	3825	3742	12	45890	-21	41
DISC91		78 324	21	6	43.6430	-17 - 3205	3744	3661	12	45884	-31	43
DISC91		78 324	21	12	43.6512	-17 - 3332	3688	3605	12	45842	-77	45
DISC91		78 324	21	18	43.6598	-17 - 3465	3626	3544	12	45776	-147	47
DISC91		78 324	21	24	43.6688	-17 - 3592	3559	3478	12	45702	-226	48
DISC91		78 324	21	30	43.6773	-17 - 3723	3477	3398	12	45636	-296	48
DISC91		78 324	21	36	43.6860	-17 - 3860	3431	3352	12	45598	-338	50
DISC91		78 324	21	42	43.6948	-17 - 3988	3416	3336	12	45600	-341	51
DISC91		78 324	21	48	43.7033	-17 - 4122	3411	3332	12	45632	-313	51
DISC91		78 324	21	54	43.7122	-17 - 4253	3390	3312	12	45684	-265	52
DISC91		78 324	22	0	43.7207	-17 - 4385	3349	3272	12	45740	-214	54
DISC91		78 324	22	6	43.7293	-17 - 4510	3313	3235	12	45772	-186	55
DISC91		78 324	22	12	43.7373	-17 - 4640	3221	3146	12	45758	-204	54
DISC91		78 324	22	18	43.7458	-17 - 4768	3293	3215	12	45722	-244	56
DISC91		78 324	22	24	43.7543	-17 - 4898	3329	3250	12	45704	-267	56
DISC91		78 324	22	30	43.7628	-17 - 5027	3339	3261	12	45716	-259	56
DISC91		78 324	22	36	43.7712	-17 - 5162	3365	3286	12	45758	-221	56
DISC91		78 324	22	42	43.7797	-17 - 5292	3385	3306	12	45814	-169	55
DISC91		78 324	22	48	43.7880	-17 - 5422	3488	3407	12	45886	-101	54
DISC91		78 324	22	54	43.7962	-17 - 5555	3524	3442	12	45972	-19	54
DISC91		78 324	23	0	43.8043	-17 - 5688	3524	3442	12	46068	71	52
DISC91		78 324	23	6	43.8128	-17 - 5815	3570	3488	12	46120	119	51
DISC91		78 324	23	12	43.8212	-17 - 5947	3452	3372	12	46134	129	50
DISC91		78 324	23	18	43.8292	-17 - 6075	3662	3579	12	46130	121	49
DISC91		78 324	23	24	43.8377	-17 - 6202	3580	3498	12	46128	115	47
DISC91		78 324	23	30	43.8460	-17 - 6327	3544	3464	12	46142	124	49
DISC91		78 324	23	36	43.8543	-17 - 6450	3539	3458	12	46154	132	47
DISC91		78 324	23	42	43.8627	-17 - 6567	3652	3570	12	46150	124	45
DISC91		78 324	23	48	43.8707	-17 - 6690	3775	3691	12	46138	118	43
DISC91		78 324	23	54	43.8788	-17 - 6822	3949	3864	12	46104	70	40
DISC91	84	78 325	0	0	43.8873	-17 - 6948	3954	3868	12	46058	29	37
DISC91		78 325	0	6	43.8957	-17 - 7067	3990	3904	12	46004	-37	35
DISC91		78 325	0	12	43.9037	-17 - 7182	4011	3925	12	45954	-91	31
DISC91		78 325	0	18	43.9117	-17 - 7305	4083	3996	12	45926	-125	28
DISC91		78 325	0	24	43.9198	-17 - 7428	4103	4016	12	45926	-128	25
DISC91		78 325	0	30	43.9282	-17 - 7548	4236	4150	12	45940	-118	22
DISC91		78 325	0	36	43.9362	-17 - 7675	4385	4298	12	45950	-112	18
DISC91		78 325	0	42	43.9448	-17 - 7795	4401	4312	12	45954	-112	16
DISC91		78 325	0	48	43.9532	-17 - 7913	4467	4380	12	45956	-114	13
DISC91		78 325	0	54	43.9617	-17 - 8033	4493	4406	12	45962	-112	10
DISC91		78 325	1	0	43.9702	-17 - 8147	4508	4420	12	45974	-104	9
DISC91		78 325	1	6	43.9783	-17 - 8260	4526	4438	12	45998	-84	7
DISC91		78 325	112		43.9867							

CRUISE IDENT	DATE	HR	MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 325	118		43.9945	-17.8367	4521	4433	12	46032	-54	6
DISC91	78 325	124		44.0027	-17.8478	4515	4428	12	46068	-23	6
DISC91	78 325	130		44.0112	-17.8595	4483	4395	12	46104	8	5
DISC91	78 325	136		44.0195	-17.8710	4339	4252	12	46120	20	8
DISC91	78 325	142		44.0278	-17.8822	4272	4184	12	46116	12	7
DISC91	78 325	148		44.0360	-17.8933	4293	4206	12	46092	-15	8
DISC91	78 325	154		44.0445	-17.9050	4334	4246	12	46056	-55	7
DISC91	78 325	2	0	44.0527	-17.9163	4390	4303	12	46014	-101	5
DISC91	78 325	2	6	44.0607	-17.9285	4452	4364	12	45976	-143	4
DISC91	78 325	212		44.0692	-17.9410	4503	4415	12	45944	-179	1
DISC91	78 325	218		44.0775	-17.9532	4585	4497	12	45924	-203	1
DISC91	78 325	224		44.0858	-17.9653	4565	4477	12	45920	-211	0
DISC91	78 325	230		44.0940	-17.9775	4518	4431	12	45928	-207	-3
DISC91	78 325	236		44.1020	-17.9897	4683	4596	12	45948	-191	-4
DISC91	78 325	242		44.1102	-18.0022	4749	4656	11	45972	-170	-6
DISC91	78 325	248		44.1183	-18.0140	5067	4982	12	45990	-156	-8
DISC91	78 325	254		44.1268	-18.0265	5067	4982	12	46006	-145	-10
DISC91	78 325	3	0	44.1355	-18.0397	5047	4962	12	46014	-141	-12
DISC91	78 325	3	6	44.1435	-18.0515	4975	4888	12	46012	-147	-14
DISC91	78 325	312		44.1517	-18.0640	4893	4806	12	46006	-157	-14
DISC91	78 325	318		44.1598	-18.0762	4903	4817	12	45996	-171	-15
DISC91	78 325	324		44.1677	-18.0877	5031	4947	12	45992	-179	-15
DISC91	78 325	330		44.1757	-18.0992	5031	4947	12	45992	-193	-15
DISC91	78 325	336		44.1832	-18.1095	5031	4947	12	45995	-183	-15
DISC91	78 325	342		44.1910	-18.1212	5026	4941	12	46006	-177	
DISC91	78 325	348		44.1988	-18.1317	5026	4941	12	46020	-167	
DISC91	78 325	354		44.2068	-18.1428	5015	4929	12	46036	-155	
DISC91	78 325	4	0	44.2145	-18.1533	4995	4910	12	46054	-140	
DISC91	78 325	4	6	44.2220	-18.1642	4967	4881	12	46068	-130	-19
DISC91	78 325	412		44.2300	-18.1757	4796	4709	12	46076	-126	-17
DISC91	78 325	418		44.2383	-18.1877	4703	4616	12	46076	-130	-16
DISC91	78 325	424		44.2465	-18.1992	4785	4698	12	46066	-144	-17
DISC91	78 325	430		44.2547	-18.2105	4785	4698	12	46050	-164	-17
DISC91	78 325	436		44.2632	-18.2235	4811	4724	12	46032	-186	-17
DISC91	78 325	442		44.2713	-18.2358	4883	4797	12	46020	-203	-16
DISC91	78 325	448		44.2797	-18.2483	4896	4810	12	46018	-209	-11
DISC91	78 325	454		44.2882	-18.2608	4883	4797	12	46028	-205	-10
DISC91	78 325	5	0	44.2967	-18.2732	4841	4753	12	46038	-198	
DISC91	78 325	5	6	44.3052	-18.2853	4796	4709	12	46046	-193	
DISC91	78 325	512		44.3150	-18.2957	4857	4770	12	46050	-194	
DISC91	78 325	518		44.3282	-18.2960	4924	4837	12	46046	-203	
DISC91	78 325	524		44.3377	-18.2837	4939	4854	12	46046	-206	
DISC91	78 325	530		44.3437	-18.2680	4924	4837	12	46054	-199	-8
DISC91	78 325	536		44.3497	-18.2518	4848	4760	12	46064	-190	-7
DISC91	78 325	542		44.3558	-18.2340	4816	4729	12	46074	-181	-6
DISC91	78 325	548		44.3620	-18.2162	4733	4645	12	46084	-172	-6
DISC91	78 325	554		44.3683	-18.1982	4795	4709	12	46086	-171	-5
DISC91	78 325	6	0	44.3743	-18.1805	4837	4751	12	46082	-176	-5
DISC91	78 325	6	6	44.3807	-18.1625	4847	4760	12	46082	-177	-7
DISC91	78 325	612		44.3870	-18.1445	4862	4775	12	46082	-178	-8
DISC91	78 325	618		44.3932	-18.1265	4877	4791	12	46090	-171	-8
DISC91	78 325	624		44.3993	-18.1087	4877	4791	12	46104	-158	-9
DISC91	78 325	630		44.4057	-18.0905	4847	4760	12	46108	-157	-8
DISC91	78 325	636		44.4118	-18.0727	4765	4678	12	46102	-152	-8
DISC91	78 325	642		44.4182	-18.0548	4709	4621	12	46082	-153	-9
DISC91	78 325	648		44.4243	-18.0370	4667	4579	12	46058	-168	-9
DISC91	78 325	654		44.4305	-18.0192	4729	4641	12	46042	-225	-6
DISC91	78 325	7	0	44.4367	-18.0012	4775	4684	11	46036	-232	-7
DISC91	78 325	7	6	44.4428	-17.9830	4768	4680	12	46044	-226	-7
DISC91	78 325	712		44.4492	-17.9650	4772	4685	12	46058	-213	-8
DISC91	78 325	718		44.4553	-17.9472	4808	4720	12	46074	-198	-9
DISC91	78 325	724		44.4613	-17.9290	4855	4768	12	46084	-185	-11
DISC91	78 325	730		44.4670	-17.9110	4862	4775	12	46096	-178	-12
DISC91	78 325	736		44.4728	-17.8945	4857	4770	12	46105	-169	-12
DISC91	78 325	742		44.4787	-17.8772	4830	4744	12	46112	-158	-12
DISC91	78 325	748		44.4843	-17.8597	4790	4704	12	46124	-153	-14
DISC91	78 325	754		44.4902	-17.8427	4812	4726	12	46130	-148	-13
DISC91	78 325	8	0	44.4960	-17.8252	4847	4760	12	46132	-147	-15
DISC91	78 325	8	6	44.5018	-17.8077	4924	4837	12	46132	-148	-16
DISC91	78 325	812		44.5077	-17.7903	4942	4855	12	46126	-155	-16
DISC91	78 325	818		44.5132	-17.7735	4916	4830	12	46108	-174	-17
DISC91	78 325	824		44.5188	-17.7563	4929	4843	12	46082	-201	-15
DISC91	78 325	830		44.5247	-17.7390	4903	4817	12	46050	-234	-16
DISC91	78 325	836		44.5303	-17.7217	4861	4775	12	46026	-257	-17
DISC91	78 325	842		44.5362	-17.7043	4873	4786	12	46012	-274	
DISC91	78 325	848		44.5408	-17.6905	4876	4790	12	46006	-281	-18
DISC91	78 325	854		44.5435	-17.6812	4900	4813	12	46006	-279	-16
DISC91	78 325	9	0	44.5425	-17.6705	4924	4837	12	46005	-278	-17
DISC91	78 325	9	6	44.5396	-17.6607	4953	4872	12	46012	-272	-15
DISC91	78 325	912		44.5365	-17.6507	4959	4868	12	46022	-260	-15
DISC91	78 325	918		44.5327	-17.6398	4965	4879	12	46032	-248	
DISC91	78 325	924		44.5283	-17.6297	5036	4951	12	46042	-228	
DISC91	78 325	930		44.5237	-17.6197	5026	4941	12	46054	-215	
DISC91	78 325	936		44.5452	-17.5908	5003	4918	12	46072	-209	-10
DISC91	78 325	942		44.5518	-17.5802	4980	4892	12	46086	-190	-10
DISC91	78 325	948		44.5583	-17.5705	4975	4885	12	46102	-181	-11
DISC91	78 325	954		44.5650	-17.5603	5037	4952	12	46120	-164	-11
DISC91	78 365	10	0	44.5713	-17.5508	5047	4962	12	46132	-143	-12
DISC91	78 325	10	6	44.5788	-17.5422	5052	4967	12	46136	-119	-11
DISC91	78 325	1012		44.5857	-17.4632	5033	4953	12	46136	-98	-10
DISC91	78 325	1018		44.5945	-17.4443	5006	4912	12	46128	-74	-10
DISC91	78 325	1024		44.6025	-17.4247	4970	4885	12	46118	-68	-6
DISC91	78 325	1030		44.6107	-17.4045	4837	4801	12	46120	-67	-2

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	84	78 325	1036	44.6167	-17.3847	4662	4374	12	46216	-79	3
DISC91		78 325	1042	44.6267	-17.3652	4339	4252	12	46204	-93	8
DISC91		78 325	1048	44.6347	-17.3453	4334	4246	12	46182	-116	14
DISC91		78 325	1054	44.6425	-17.3257	4236	4150	12	46158	-142	20
DISC91		78 325	11 0	44.6502	-17.3062	4159	4073	12	46134	-168	25
DISC91		78 325	11 6	44.6583	-17.2870	4229	4142	12	46118	-185	27
DISC91		78 325	1112	44.6670	-17.2678	4159	4073	12	46120	-165	30
DISC91		78 325	1118	44.6755	-17.2488	4170	4082	12	46130	-177	32
DISC91		78 325	1124	44.6842	-17.2298	4182	4095	12	46142	-167	33
DISC91		78 325	1130	44.6928	-17.2105	4208	4120	12	46154	-157	34
DISC91		78 325	1136	44.7015	-17.1915	4229	4142	12	46170	-143	33
DISC91		78 325	1142	44.7103	-17.1722	4238	4151	12	46190	-126	35
DISC91		78 325	1148	44.7190	-17.1532	4246	4159	12	46220	-97	34
DISC91		78 325	1154	44.7278	-17.1338	4257	4170	12	46244	-75	34
DISC91		78 325	12 0	44.7367	-17.1147	4247	4159	12	46252	-69	36
DISC91		78 325	12 6	44.7453	-17.0953	4262	4175	12	46244	-79	38
DISC91		78 325	1212	44.7540	-17.0763	4257	4170	12	46232	-93	38
DISC91		78 325	1218	44.7627	-17.0572	4247	4159	12	46242	-85	40
DISC91		78 325	1224	44.7712	-17.0383	4206	4118	12	46278	-51	41
DISC91		78 325	1230	44.7797	-17.0195	4185	4093	11	46328	-3	44
DISC91		78 325	1236	44.7887	-17.0000	4001	3915	12	46350	16	42
DISC91		78 325	1242	44.7973	-16.9805	3836	3753	12	46332	-3	43
DISC91		78 325	1248	44.8062	-16.9613	4018	3932	12	46312	-25	45
DISC91		78 325	1254	44.8148	-16.9420	4062	3976	12	46316	-23	45
DISC91		78 325	13 0	44.8235	-16.9225	4072	3985	12	46340	-1	45
DISC91		78 325	13 6	44.8322	-16.9033	4077	3990	12	46374	28	46
DISC91		78 325	1312	44.8407	-16.8842	4072	3985	12	4602	55	48
DISC91		78 325	1318	44.8492	-16.8648	4042	3956	12	46420	72	49
DISC91		78 325	1324	44.8578	-16.8457	3867	3782	12	46416	66	50
DISC91		78 325	1330	44.8665	-16.8262	3703	3619	12	46420	68	50
DISC91		78 325	1336	44.8753	-16.8065	3683	3599	12	46432	77	51
DISC91		78 325	1342	44.8838	-16.7872	3857	3773	12	46450	93	51
DISC91		78 325	1348	44.8927	-16.7678	3708	3625	12	46462	103	49
DISC91		78 325	1354	44.9015	-16.7483	3683	3599	12	46466	105	46
DISC91		78 325	14 0	44.9103	-16.7288	3754	3670	12	46446	83	43
DISC91		78 325	14 6	44.9192	-16.7092	3811	3727	12	46396	31	44
DISC91		78 325	1412	44.9278	-16.6898	4006	3919	12	46338	-28	40
DISC91		78 325	1418	44.9365	-16.6702	4077	3990	12	46294	-74	38
DISC91		78 325	1424	44.9450	-16.6503	4154	4067	12	46262	-108	33
DISC91		78 325	1430	44.9537	-16.6305	4149	4062	12	46232	-140	30
DISC91		78 325	1436	44.9620	-16.6102	4165	4078	12	46198	-176	26
DISC91		78 325	1442	44.9697	-16.5892	4180	4093	12	46172	-204	22
DISC91		78 325	1448	44.9773	-16.5685	4267	4181	12	46154	-223	17
DISC91		78 325	1454	44.9850	-16.5477	4483	4395	12	46150	-229	15
DISC91		78 325	15 0	44.9925	-16.5270	4616	4528	12	46160	-221	11
DISC91		78 325	15 6	45.0000	-16.5065	4636	4545	11	46170	-212	9
DISC91		78 325	1512	45.0077	-16.4857	4708	4616	11	46180	-204	7
DISC91		78 325	1518	45.0152	-16.4652	4718	4627	11	46190	-195	6
DISC91		78 325	1524	45.0228	-16.4443	4718	4627	11	46194	-193	6
DISC91		78 325	1530	45.0305	-16.4238	4411	4318	11	46194	-194	7
DISC91		78 325	1536	45.0380	-16.4032	4359	4267	11	46192	-197	8
DISC91		78 325	1542	45.0455	-16.3827	4385	4292	11	46198	-193	7
DISC91		78 325	1548	45.0530	-16.3623	4462	4369	11	46218	-174	6
DISC91		78 325	1554	45.0605	-16.3418	4472	4380	11	46230	-164	5
DISC91		78 325	16 0	45.0682	-16.3212	4421	4329	11	46234	-161	3
DISC91		78 325	16 6	45.0757	-16.3007	4944	4852	11	46228	-169	1
DISC91		78 325	1612	45.0833	-16.2800	4949	4857	11	46224	-174	-2
DISC91		78 325	1618	45.0908	-16.2592	4949	4857	11	46224	-176	-4
DISC91		78 325	1624	45.0985	-16.2385	4908	4817	11	46232	-169	-6
DISC91		78 325	1630	45.1062	-16.2175	4770	4678	11	46238	-165	-7
DISC91		78 325	1636	45.1142	-16.1960	4965	4874	11	46240	-164	-9
DISC91		78 325	1642	45.1222	-16.1747	4965	4874	11	46240	-166	-11
DISC91		78 325	1648	45.1298	-16.1535	4965	4874	11	46246	-161	-13
DISC91		78 325	1654	45.1377	-16.1323	4970	4877	11	46260	-149	-14
DISC91		78 325	17 0	45.1455	-16.1112	4965	4874	11	46280	-130	-13
DISC91		78 325	17 6	45.1532	-16.0898	4965	4874	11	46300	-112	-11
DISC91		78 325	1712	45.1607	-16.0690	4965	4874	11	46312	-101	-8
DISC91		78 325	1718	45.1685	-16.0477	4962	4870	11	46312	-102	-7
DISC91		78 325	1724	45.1763	-16.0263	4959	4868	11	46310	-106	-5
DISC91		78 325	1730	45.1840	-16.0053	4954	4863	11	46308	-109	-3
DISC91		78 325	1736	45.1908	-15.9830				46306	-113	-4
DISC91		78 325	1742	45.1997	-15.9622	4934	4843	11	46298	-123	-1
DISC91		78 325	1748	45.2082	-15.9417	4867	4775	11	46286	-137	1
DISC91		78 325	1754	45.2170	-15.9205	4816	4724	11	46282	-143	4
DISC91		78 325	18 0	45.2258	-15.8995	4785	4693	11	46292	-135	7
DISC91		78 325	18 6	45.2345	-15.8787	4749	4656	11	46306	-123	8
DISC91		78 325	1812	45.2432	-15.8578	4724	4631	11	46310	-121	10
DISC91		78 325	1818	45.2520	-15.8370	4703	4610	11	46312	-121	12
DISC91		78 325	1824	45.2608	-15.8160	4636	4545	11	46322	-113	14
DISC91		78 325	1830	45.2695	-15.7953	4518	4426	11	46344	-93	16
DISC91		78 325	1836	45.2785	-15.7747	4595	4503	11	46360	-79	19
DISC91		78 325	1842	45.2875	-15.7540	4652	4559	11	46378	-63	22
DISC91		78 325	1848	45.2965	-15.7335	4631	4539	11	46382	-61	22
DISC91		78 325	1854	45.3053	-15.7128	4580	4488	11	46392	-53	22
DISC91		78 325	19 0	45.3143	-15.6922	4477	4385	11	46402	-45	22
DISC91		78 325	19 6	45.3233	-15.6715	4493	4400	11	46414	-35	21
DISC91		78 325	1912	45.3325	-15.6508	4472	4380	11	46416	-36	18
DISC91		78 325	1918	45.3413	-15.6303	4457	4365	11	46408	-46	14
DISC91		78 325	1924	45.3502	-15.6098	4611	4519	11	46394	-62	11
DISC91		78 325	1930	45.3598	-15.5882	4944	4852	11	46366	-92	8
DISC91		78 325	1936	45.3695	-15.5648	4944	4852	11	46346	-114	5
DISC91		78 325	1942	45.3793	-15.5408	4934	4843	11	46346	-116	
DISC91		78 325	1948	45.3893	-15.5162	4934	4843	11	46370	-95	

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91		78 325	1954	45.3987	-15.4913	4934	4843	11	46390	-77	1
DISC91		78 325	20 0	45.4083	-15.4667	4739	4647	11	46392	-77	-2
DISC91		78 325	20 6	45.4183	-15.4425	4718	4627	11	46388	-83	-3
DISC91		78 325	2012	45.4280	-15.4187	4780	4687	11	46380	-93	-8
DISC91		78 325	2018	45.4378	-15.3947				46376	-99	-11
DISC91		78 325	2024	45.4477	-15.3707	4913	4821	11	46392	-85	13
DISC91		78 325	2030	45.4577	-15.3465	4913	4821	11	46420	-60	
DISC91		78 325	2036	45.4675	-15.3225	4918	4826	11	46448	-34	18
DISC91		78 325	2042	45.4773	-15.2983	4918	4826	11	46476	-8	20
DISC91		78 325	2048	45.4872	-15.2742	4918	4826	11	46506	19	21
DISC91		78 325	2054	45.4970	-15.2503	4918	4826	11	46530	41	21
DISC91		78 325	21 0	45.5067	-15.2263	4918	4826	11	46548	56	20
DISC91		78 325	21 6	45.5167	-15.2020	4918	4826	11	46556	62	21
DISC91		78 325	2112	45.5267	-15.1778	4918	4826	11	46578	82	21
DISC91		78 325	2118	45.5365	-15.1537	4918	4826	11	46596	98	20
DISC91		78 325	2124	45.5463	-15.1297	4918	4826	11	46586	86	23
DISC91		78 325	2130	45.5563	-15.1057	4918	4826	11	46538	35	23
DISC91		78 325	2136	45.5662	-15.0815	4918	4826	11	46502	-2	24
DISC91		78 325	2142	45.5758	-15.0575	4918	4826	11	46506	0	24
DISC91		78 325	2148	45.5857	-15.0335	4918	4826	11	46524	15	25
DISC91		78 325	2154	45.5955	-15.0093	4918	4826	11	46548	37	23
DISC91		78 325	22 0	45.6052	-14.9853	4918	4826	11	46552	39	23
DISC91		78 325	22 6	45.6148	-14.9612	4913	4821	11	46536	20	20
DISC91		78 325	2212	45.6245	-14.9357	4913	4821	11	46520	2	17
DISC91		78 325	2218	45.6340	-14.9105	4898	4806	11	46512	-7	15
DISC91		78 325	2224	45.6433	-14.8852	4842	4749	11	46498	-23	14
DISC91		78 325	2230	45.6525	-14.8602	4893	4801	11	46476	-47	13
DISC91		78 325	2236	45.6618	-14.8352	4877	4786	11	46464	-61	12
DISC91		78 325	2242	45.6710	-14.8102	4967	4775	11	46470	-57	10
DISC91		78 325	2248	45.6803	-14.7850	4780	4687	11	46486	-43	8
DISC91		78 325	2254	45.6897	-14.7600	4770	4678	11	46518	-13	7
DISC91		78 325	23 0	45.6988	-14.7348	4724	4631	11	46552	17	4
DISC91		78 325	23 6	45.7080	-14.7100	4688	4596	11	46572	35	4
DISC91		78 325	2312	45.7173	-14.6848	4647	4554	11	46590	51	2
DISC91		78 325	2318	45.7267	-14.6595	4667	4576	11	46608	67	1
DISC91		78 325	2324	45.7358	-14.6345	4677	4585	11	46616	77	1
DISC91		78 325	2330	45.7452	-14.6092	4683	4590	11	46602	77	1
DISC91		78 325	2336	45.7547	-14.5838	4667	4576	11	46566	59	2
DISC91		78 325	2342	45.7640	-14.5587	4636	4545	11	46510	38	4
DISC91		78 325	2348	45.7735	-14.5333	4575	4482	11	46432	-18	6
DISC91		78 325	2354	45.7828	-14.5080	4503	4411	11	46356	-96	5
DISC91	85	78 326	0 0	45.7922	-14.4828	4613	4521	11	46308	-146	4
DISC91		78 326	0 6	45.8017	-14.4573	4657	4565	11	46282	-175	4
DISC91		78 326	012	45.8110	-14.4318	4750	4658	11	46270	-189	1
DISC91		78 326	018	45.8205	-14.4065	4798	4706	11	46288	-173	2
DISC91		78 326	024	45.8298	-14.3813	4794	4702	11	46290	-173	1
DISC91		78 326	030	45.8392	-14.3560	4832	4740	11	46294	-171	1
DISC91		78 326	036	45.8485	-14.3303	4801	4709	11	46290	-177	1
DISC91		78 326	042	45.8578	-14.3045	4801	4709	11	46284	-185	1
DISC91		78 326	048	45.8670	-14.2788	4873	4780	11	46274	-197	4
DISC91		78 326	054	45.8762	-14.2530	4906	4813	11	46286	-187	4
DISC91		78 326	1 0	45.8853	-14.2270	4908	4817	11	46286	-189	3
DISC91		78 326	1 6	45.8945	-14.2013	4783	4691	11	46270	-207	3
DISC91		78 326	112	45.9037	-14.1758	4889	4797	11	46266	-213	4
DISC91		78 326	118	45.9127	-14.1505	4909	4817	11	46286	-195	4
DISC91		78 326	124	45.9220	-14.1243	4909	4817	11	46338	-145	3
DISC91		78 326	130	45.9310	-14.0988	4907	4815	11	46400	-85	4
DISC91		78 326	136	45.9403	-14.0735	4893	4801	11	46460	-27	1
DISC91		78 326	142	45.9498	-14.0478	4862	4770	11	46492	7	0
DISC91		78 326	148	45.9593	-14.0225	4811	4718	11	46508	33	1
DISC91		78 326	154	45.9688	-13.9970	4847	4760	12	46528	64	3
DISC91		78 326	2 0	45.9783	-13.9712	4907	4821	12	46540	55	4
DISC91		78 326	2 6	45.9878	-13.9457	4908	4823	12	46526	71	4
DISC91		78 326	212	45.9972	-13.9202	4908	4823	12	46506	93	8
DISC91		78 326	218	46.0067	-13.8948	4909	4817	11	46504	98	9
DISC91		78 326	224	46.0158	-13.8693	4911	4819	11	46526	78	8
DISC91		78 326	230	46.0232	-13.8430	4909	4817	11	46560	45	8
DISC91		78 326	236	46.0305	-13.8163	4909	4817	11	46586	21	10
DISC91		78 326	242	46.0378	-13.7897	4909	4817	11	46572	-36	12
DISC91		78 326	248	46.0452	-13.7625	4910	4819	11	46530	-79	12
DISC91		78 326	254	46.0527	-13.7347	4912	4821	11	46502	-108	14
DISC91		78 326	3 0	46.0615	-13.7090	4913	4821	11	46498	-114	12
DISC91		78 326	3 6	46.0705	-13.6840	4913	4821	11	46502	-112	14
DISC91		78 326	312	46.0800	-13.6588	4913	4821	11	46518	-98	12
DISC91		78 326	318	46.0897	-13.6337	4911	4819	11	46558	-60	12
DISC91		78 326	324	46.0992	-13.6087	4911	4819	11	46592	-29	11
DISC91		78 326	330	46.1087	-13.5835	4913	4821	11	46596	-27	11
DISC91		78 326	336	46.1182	-13.5585	4912	4821	11	46580	-45	10
DISC91		78 326	342	46.1275	-13.5337	4911	4819	11	46564	-63	9
DISC91		78 326	348	46.1372	-13.5083	4912	4821	11	46552	-77	7
DISC91		78 326	354	46.1467	-13.4830	4912	4821	11	46532	-99	5
DISC91		78 326	4 0	46.1562	-13.4580				46510	-123	6
DISC91		78 326	4 6	46.1655	-13.4343	4912	4821	11	46486	-149	5
DISC91		78 326	412	46.1752	-13.4112	4913	4821	11	46470	-168	5
DISC91		78 326	418	46.1850	-13.3877	4913	4821	11	46446	-194	2
DISC91		78 326	424	46.1948	-13.3642	4910	4819	11	46418	-224	1
DISC91		78 326	430	46.2045	-13.3405	4893	4801	11	46392	-252	2
DISC91		78 326	436	46.2142	-13.3172	4862	4770	11	46398	-249	4
DISC91		78 326	442	46.2240	-13.2940	4821	4729	11	46440	-209	5
DISC91		78 326	448	46.2338	-13.2710	4770	4678	11	46500	-151	11
DISC91		78 326	454	46.2437	-13.2480	4718	4627	11	46550	-104	14
DISC91		78 326	5 0	46.2537	-13.2250	4606	4513	11	46560	-96	15
DISC91		78 326	5 6	46.2635	-13.2018	4616	4523	11	46546	-112	19

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	85	78 326	512	46.2737	1783	4595	4503	11	46538	-123	20
DISC91		78 326	518	46.2835	1552	4565	4471	11	46554	-109	22
DISC91		78 326	524	46.2933	1318	4529	4437	11	46564	-102	26
DISC91		78 326	530	46.3033	1087	4498	4406	11	46550	-118	27
DISC91		78 326	536	46.3133	0855	4452	4360	11	46524	-146	28
DISC91		78 326	542	46.3230	0622	4447	4354	11	46516	-156	32
DISC91		78 326	548	46.3330	0385	4426	4334	11	46536	-139	36
DISC91		78 326	554	46.3432	0147	4385	4292	11	46570	-107	38
DISC91		78 326	6 0	46.3535	9908	4313	4221	11	46610	-70	42
DISC91		78 326	6 6	46.3638	9668	4267	4175	11	46634	-49	44
DISC91		78 326	612	46.3738	9433	4267	4175	11	46634	-51	45
DISC91		78 326	618	46.3840	9197	4252	4161	11	46632	-56	48
DISC91		78 326	624	46.3942	8958	4252	4170	11	46612	-78	48
DISC91		78 326	630	46.4043	8720	4221	4129	11	46598	-95	49
DISC91		78 326	636	46.4142	8475	4180	4089	11	46596	-99	51
DISC91		78 326	642	46.4240	8228	4144	4053	11	46598	-99	54
DISC91		78 326	648	46.4337	7985	4124	4033	11	46602	-98	55
DISC91		78 326	654	46.4430	7747				46626	-76	54
DISC91		78 326	7 0	46.4525	7507	4124	4033	11	46634	-70	57
DISC91		78 326	7 6	46.4622	7263	4115	4025	11	46648	-59	55
DISC91		78 326	712	46.4720	7018	4093	4001	11	46672	-37	55
DISC91		78 326	718	46.4817	6772	4098	4007	11	46694	-17	52
DISC91		78 326	724	46.4915	6528	4098	4007	11	46710	-4	54
DISC91		78 326	730	46.5020	6285	4113	4022	11	46698	-18	54
DISC91		78 326	736	46.5123	6042	4134	4043	11	46656	-63	53
DISC91		78 326	742	46.5228	5798	4139	4047	11	46640	-81	51
DISC91		78 326	748	46.5332	5557	4211	4118	11	46638	-86	50
DISC91		78 326	754	46.5435	5315	4257	4166	11	46626	-101	47
DISC91		78 326	8 0	46.5537	5077	4329	4237	11	46602	-127	44
DISC91		78 326	8 6	46.5640	4833	4375	4283	11	46600	-132	43
DISC91		78 326	812	46.5743	4592	4431	4340	11	46604	-130	38
DISC91		78 326	818	46.5843	4343	4411	4318	11	46598	-139	35
DISC91		78 326	824	46.5945	4095	4483	4391	11	46596	-143	
DISC91		78 326	830	46.6045	3847	4554	4462	11	46592	-149	26
DISC91		78 326	836	46.6138	3602	4636	4545	11	46578	-166	22
DISC91		78 326	842	46.6233	3360	4683	4590	11	46570	-176	19
DISC91		78 326	848	46.6333	3113	4652	4559	11	46578	-170	15
DISC91		78 326	854	46.6432	2867	4801	4709	11	46598	-153	13
DISC91		78 326	9 0	46.6530	2622	4842	4749	11	46600	-153	9
DISC91		78 326	9 6	46.6627	2377	4862	4770	11	46572	-184	4
DISC91		78 326	912	46.6727	2125	4877	4786	11	46542	-216	2
DISC91		78 326	918	46.6823	1875	4881	4788	11	46534	-226	-0
DISC91		78 326	924	46.6922	1623	4881	4788	11	46566	-197	-4
DISC91		78 326	930	46.7020	1372	4881	4788	11	46618	-147	-6
DISC91		78 326	936	46.7115	1122	4879	4788	11	46672	-95	-9
DISC91		78 326	942	46.7213	0870	4879	4788	11	46706	-64	-11
DISC91		78 326	948	46.7308	0622	4881	4788	11	46694	-78	-15
DISC91		78 326	954	46.7405	0370	4883	4791	11	46670	-104	-17
DISC91		78 326	10 0	46.7502	0118	4883	4791	11	46656	-120	-17
DISC91		78 326	10 6	46.7598	9867	4883	4791	11	46664	-114	-21
DISC91		78 326	1012	46.7695	9615	4883	4791	11	46678	-103	-22
DISC91		78 326	1018	46.7792	9367	4883	4791	11	46690	-93	-24
DISC91		78 326	1024	46.7888	9117	4883	4791	11	46700	-85	-33
DISC91		78 326	1030	46.7987	8863	4881	4788	11	46702	-86	-33
DISC91		78 326	1036	46.8085	8612	4881	4788	11	46698	-92	-33
DISC91		78 326	1042	46.8183	8358	4879	4788	11	46698	-95	-34
DISC91		78 326	1048	46.8282	8105	4877	4786	11	46676	-119	-25
DISC91		78 326	1054	46.8377	7852	4877	4786	11	46636	-162	-23
DISC91		78 326	11 0	46.8470	7590	4877	4785	11	46606	-194	-24
DISC91		78 326	11 6	46.8562	7328	4875	4784	11	46598	-204	-23
DISC91		78 326	1112	46.8655	7070	4874	4782	11	46606	-198	-23
DISC91		78 326	1118	46.8747	6808	4873	4780	11	46620	-187	-24
DISC91		78 326	1124	46.8838	6548	4872	4780	11	46640	-169	-24
DISC91		78 326	1130	46.8932	6288	4872	4780	11	46656	-155	-24
DISC91		78 326	1136	46.9023	6027	4868	4777	11	46672	-141	-22
DISC91		78 326	1142	46.9115	5767	4867	4775	11	46688	-127	-24
DISC91		78 326	1148	46.9208	5505	4867	4775	11	46698	-120	-23
DISC91		78 326	1154	46.9298	5247	4867	4775	11	46710	-110	-26
DISC91		78 326	12 0	46.9390	4987	4857	4764	11	46712	-110	-22
DISC91		78 326	12 6	46.9483	4728	4857	4764	11	46706	-118	-24
DISC91		78 326	1212	46.9575	4467	4857	4764	11	46698	-129	-21
DISC91		78 326	1218	46.9667	4207	4852	4760	11	46684	-145	-21
DISC91		78 326	1224	46.9757	3952	4847	4755	11	46670	-161	-22
DISC91		78 326	1230	46.9848	3693	4842	4749	11	46668	-165	-23
DISC91		78 326	1236	46.9942	3430	4836	4744	11	46662	-173	-22
DISC91		78 326	1242	47.0035	3172	4836	4744	11	46656	-181	-23
DISC91		78 326	1248	47.0128	2908	4826	4735	11	46656	-183	-25
DISC91		78 326	1254	47.0223	2643	4821	4729	11	46662	-179	-26
DISC91		78 326	13 0	47.0313	2385	4811	4718	11	46656	-187	-28
DISC91		78 326	13 6	47.0405	2130	4811	4718	11	46650	-195	-29
DISC91		78 326	1312	47.0495	1867	4806	4713	11	46648	-199	-31
DISC91		78 326	1318	47.0588	1607	4806	4713	11	46634	-216	-32
DISC91		78 326	1324	47.0683	1347	4801	4709	11	46606	-246	-32
DISC91		78 326	1330	47.0777	1090	4811	4718	11	46586	-268	-32
DISC91		78 326	1336	47.0873	0832	4811	4718	11	46558	-298	-34
DISC91		78 326	1342	47.0970	0573	4816	4724	11	46552	-306	-33
DISC91		78 326	1348	47.1065	0318	4811	4718	11	46574	-286	-33
DISC91		78 326	1354	47.1162	0058	4806	4713	11	46592	-271	-33
DISC91		78 326	14 0	47.1258	9800	4806	4713	11	46596	-270	-33
DISC91		78 326	14 6	47.1355	9540	4795	4704	11	46598	-270	-35
DISC91		78 326	1412	47.1452	9282	4790	4698	11	46606	-264	-32
DISC91		78 326	1418	47.1547	9022	4785	4693	11	46618	-255	-35
DISC91		78 326	1424	47.1640	8767	4775	4684	11	46624	-251	-31

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 326	1430	47.1737	10.8510	4765	4673	11	46618	-259	-33
DISC91	78 326	1436	47.1837	10.8255	4749	4656	11	46622	-258	-30
DISC91	78 326	1442	47.1938	10.8003	4739	4647	11	46634	-248	-29
DISC91	78 326	1448	47.2040	10.7750	4729	4636	11	46656	-229	-28
DISC91	78 326	1454	47.2142	10.7493	4713	4621	11	46678	-209	-28
DISC91	78 326	15 0	47.2245	10.7242	4698	4605	11	46696	-194	-26
DISC91	78 326	15 6	47.2345	10.6995	4688	4596	11	46714	-178	-26
DISC91	78 326	1512	47.2448	10.6743	4672	4579	11	46726	-169	-25
DISC91	78 326	1518	47.2552	10.6490	4662	4570	11	46716	-181	-24
DISC91	78 326	1524	47.2653	10.6238	4642	4550	11	46716	-184	-22
DISC91	78 326	1530	47.2757	10.5985	4631	4539	11	46700	-202	-21
DISC91	78 326	1536	47.2857	10.5735	4616	4523	11	46690	-215	-23
DISC91	78 326	1542	47.2958	10.5485	4590	4497	11	46682	-225	-20
DISC91	78 326	1548	47.3058	10.5237	4565	4471	11	46678	-232	-20
DISC91	78 326	1554	47.3162	10.4985	4554	4462	11	46682	-231	-23
DISC91	78 326	16 0	47.3265	10.4737	4529	4437	11	46688	-227	-21
DISC91	78 326	16 6	47.3367	10.4493	4498	4406	11	46702	-216	-22
DISC91	78 326	1612	47.3470	10.4245	4483	4391	11	46712	-208	-24
DISC91	78 326	1618	47.3573	10.3995	4457	4365	11	46724	-199	-24
DISC91	78 326	1624	47.3678	10.3747	4406	4314	11	46730	-195	-23
DISC91	78 326	1630	47.3782	10.3498	4365	4272	11	46748	-180	-24
DISC91	78 326	1636	47.3885	10.3248	4329	4237	11	46766	-165	-24
DISC91	78 326	1642	47.3988	10.2998	4318	4226	11	46776	-157	-27
DISC91	78 326	1648	47.4092	10.2750	4503	4411	11	46794	-142	-28
DISC91	78 326	1654	47.4192	10.2507	4426	4334	11	46802	-136	-33
DISC91	78 326	17 0	47.4293	10.2262	4385	4292	11	46812	-129	-35
DISC91	78 326	17 6	47.4392	10.2020	4395	4303	11	46826	-117	-40
DISC91	78 326	1712	47.4490	10.1778	4390	4298	11	46838	-108	-39
DISC91	78 326	1718	47.4592	10.1533	4390	4298	11	46848	-100	-41
DISC91	78 326	1724	47.4690	10.1290	4390	4298	11	46858	-93	-44
DISC91	78 326	1730	47.4792	10.1045	4395	4303	11	46872	-81	-41
DISC91	78 326	1736	47.4868	10.0805	4395	4303	11	46890	-66	-46
DISC91	78 326	1742	47.4988	10.0563	4395	4303	11	46884	-74	-45
DISC91	78 326	1748	47.5092	10.0317	4390	4298	11	46886	-75	-45
DISC91	78 326	1754	47.5197	10.0067	4388	4296	11	46874	-89	-44
DISC91	78 326	18 0	47.5300	-9.9820	4383	4290	11	46858	-108	-43
DISC91	78 326	18 6	47.5402	-9.9573	4372	4279	11	46846	-123	-45
DISC91	78 326	1812	47.5505	-9.9325	4365	4272	11	46832	-139	-46
DISC91	78 326	1818	47.5610	-9.9073	4354	4263	11	46844	-130	-42
DISC91	78 326	1824	47.5715	-9.8822	4339	4246	11	46850	-127	-44
DISC91	78 326	1830	47.5822	-9.8568	4339	4246	11	46860	-120	-43
DISC91	78 326	1836	47.5927	-9.8318	4313	4221	11	46878	-104	-43
DISC91	78 326	1842	47.6033	-9.8067	4293	4201	11	46896	-89	-47
DISC91	78 326	1848	47.6142	-9.7817	4277	4186	11	46900	-88	-47
DISC91	78 326	1854	47.6247	-9.7573	4242	4150	11	46910	-81	-50
DISC91	78 326	19 0	47.6353	-9.7327	4226	4135	11	46908	-86	-51
DISC91	78 326	19 6	47.6458	-9.7082	4242	4150	11	46910	-86	-55
DISC91	78 326	1912	47.6565	-9.6835	4190	4098	11	46902	-97	-59
DISC91	78 326	1918	47.6672	-9.6583	4144	4053	11	46906	-96	-57
DISC91	78 326	1924	47.6772	-9.6318	4165	4073	11	46912	-92	-59
DISC91	78 326	1930	47.6873	-9.6055	4231	4140	11	46914	-93	-62
DISC91	78 326	1936	47.6973	-9.5788	4190	4098	11	46924	-86	-63
DISC91	78 326	1942	47.7072	-9.5525	4185	4093	11	46930	-82	-67
DISC91	78 326	1948	47.7170	-9.5265	4185	4093	11	46944	-71	-68
DISC91	78 326	1954	47.7267	-9.5005	3965	3875	11	46930	-87	-71
DISC91	78 326	20 0	47.7365	-9.4745	3857	3767	11	46932	-88	-69
DISC91	78 326	20 6	47.7463	-9.4482	3585	3498	11	46932	-90	-69
DISC91	78 326	2012	47.7562	-9.4222	3580	3493	11	46932	-92	-70
DISC91	78 326	2018	47.7662	-9.3958	3713	3625	11	46942	-85	-70
DISC91	78 326	2024	47.7756	-9.3698	3929	3839	11	46932	-97	-75
DISC91	78 326	2030	47.7857	-9.3436	3693	3605	11	46916	-116	-75
DISC91	78 326	2036	47.7948	-9.3172	3749	3661	11	46910	-124	-75
DISC91	78 326	2042	47.8030	-9.2903	4016	3925	11	46920	-116	-81
DISC91	78 326	2048	47.8117	-9.2628	4098	4007	11	46936	-102	-82
DISC91	78 326	2054	47.8205	-9.2352	4047	3956	11	46940	-100	-81
DISC91	78 326	21 0	47.8293	-9.2077	3724	3636	11	46938	-104	-78
DISC91	78 326	21 6	47.8380	-9.1798	3559	3473	11	46932	-112	-75
DISC91	78 326	2112	47.8468	-9.1516	3452	3367	11	46942	-105	-70
DISC91	78 326	2118	47.8555	-9.1245	3452	3367	11	46940	-109	-71
DISC91	78 326	2124	47.8640	-9.0980	3354	3272	11	46934	-117	-69
DISC91	78 326	2130	47.8722	-9.0703	3277	3195	11	46930	-123	-64
DISC91	78 326	2136	47.8793	-9.0430	2990	2913	11	46934	-120	-63
DISC91	78 326	2142	47.8857	-8.9155	2801	2727	11	46940	-115	-56
DISC91	78 326	2148	47.8920	-8.9872	2770	2701	12	46944	-112	-52
DISC91	78 326	2154	47.8982	-8.9592	2739	2672	12	46940	-117	-47
DISC91	78 326	22 0	47.9060	-8.9317	2524	2462	12	46934	-125	-48
DISC91	78 326	22 6	47.9148	-8.9053	2498	2436	12	46948	-113	-42
DISC91	78 326	2212	47.9237	-8.8787	2493	2430	12	46942	-122	-41
DISC91	78 326	2218	47.9323	-8.8525	2236	2182	12	46944	-122	-39
DISC91	78 326	2224	47.9412	-8.8265	2129	2076	12	46944	-124	-36
DISC91	78 326	2230	47.9498	-8.8005	1975	1926	12	46944	-126	-29
DISC91	78 326	2236	47.9583	-8.7748	1801	1756	12	46944	-129	-27
DISC91	78 326	2242	47.9672	-8.7487	1534	1496	12	46952	-123	-16
DISC91	78 326	2248	47.9762	-8.7222	1380	1348	12	46958	-119	-10
DISC91	78 326	2254	47.9850	-8.6978	1118	1094	12	46962	-118	-4
DISC91	78 326	23 0	47.9938	-8.6728	1052	1028	12	46972	-110	3
DISC91	78 326	23 6	48.0032	-8.6475	1036	1009	11	46974	-111	6
DISC91	78 326	2312	48.0123	-8.6220	898	874	11	46984	-103	10
DISC91	78 326	2318	48.0217	-8.5962	985	960	11	46982	-107	12
DISC91	78 326	2324	48.0313	-8.5706	821	801	11	47000	-91	17
DISC91	78 326	2330	48.0412	-8.5448	616	602	11	47008	-86	22
DISC91	78 326	2336	48.0507	-8.5198	565	550	11	46990	-111	27
DISC91	78 326	2342	48.0603	-8.4943	549	536	11	46974	-125	28

CRUISE IDENT		DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	85	78 326	2348	48.0697	-8.4697	672	657	11	46966	-135	24
DISC91		78 326	2354	48.0793	-8.4440	811	790	11	46972	-131	19
DISC91	86	78 327	0 0	48.0890	-8.4182	821	801	11	46980	-126	21
DISC91		78 327	0 6	48.0987	-8.3927	544	530	11	46978	-130	26
DISC91		78 327	012	48.1085	-8.3668	503	490	11	46984	-127	30
DISC91		78 327	018	48.1182	-8.3413	544	530	11	46976	-137	26
DISC91		78 327	024	48.1278	-8.3153	718	700	11	46982	-133	22
DISC91		78 327	030	48.1377	-8.2893	647	631	11	46982	-136	23
DISC91		78 327	036	48.1472	-8.2645	442	432	11	46988	-132	26
DISC91		78 327	042	48.1565	-8.2397	336	331	11	47004	-118	30
DISC91		78 327	048	48.1658	-8.2147	303	296	11	47012	-113	31
DISC91		78 327	054	48.1752	-8.1892	298	291	11	47026	-101	31
DISC91		78 327	1 0	48.1845	-8.1640	308	302	11	47026	-104	29
DISC91		78 327	1 6	48.1942	-8.1395	226	221	11	47022	-110	28
DISC91		78 327	112	48.2040	-8.1147	195	190	11	47008	-126	33
DISC91		78 327	118	48.2138	-8.0897	206	201	11	47010	-127	31
DISC91		78 327	124	48.2238	-8.0642	206	201	11	47018	-121	30
DISC91		78 327	130	48.2338	-8.0390	206	201	11	47018	-124	28
DISC91		78 327	136	48.2440	-8.0133	206	201	11	47036	-108	27
DISC91		78 327	142	48.2540	-7.9880	195	185	0	47070	-77	28
DISC91		78 327	148	48.2640	-7.9627	195	185	0	47050	-100	29
DISC91		78 327	154	48.2738	-7.9377	185	176	0	47014	-139	25
DISC91		78 327	2 0	48.2847	-7.9123	175	166	0	46990	-165	25
DISC91		78 327	2 6	48.2963	-7.8863	165	155	0	46980	-179	23
DISC91		78 327	212	48.3080	-7.8605	175	166	0	46984	-178	24
DISC91		78 327	218	48.3200	-7.8343	180	170	0	46982	-183	24
DISC91		78 327	224	48.3318	-7.8087	175	166	0	46962	-206	20
DISC91		78 327	230	48.3438	-7.7825	180	170	0	46952	-219	19
DISC91		78 327	236	48.3560	-7.7563	180	170	0	46954	-221	18
DISC91		78 327	242	48.3680	-7.7302	180	170	0	46946	-232	18
DISC91		78 327	248	48.3800	-7.7040	180	170	0	46942	-239	19
DISC91		78 327	254	48.3910	-7.6777	175	166	0	46948	-236	18
DISC91		78 327	3 0	48.3898	-7.6492	185	176	0	46942	-241	15
DISC91		78 327	3 6	48.3850	-7.6218	185	176	0	46938	-243	15
DISC91		78 327	312	48.3772	-7.5973	185	176	0	46954	-224	20
DISC91		78 327	318	48.3682	-7.5717	175	166	0	46970	-204	20
DISC91		78 327	324	48.3590	-7.5462	144	137	0	46972	-199	24
DISC91		78 327	330	48.3473	-7.5245	149	141	0	46968	-199	24
DISC91		78 327	336	48.3352	-7.5030	144	137	0			26
DISC91		78 327	342	48.3235	-7.4817	180	170	0	46978	-180	29
DISC91		78 327	348	48.3130	-7.4582	180	170	0	46988	-167	33
DISC91		78 327	354	48.3182	-7.4282	185	176	0	46982	-174	35
DISC91		78 327	4 0	48.3305	-7.4007	181	172	0	46994	-165	31
DISC91		78 327	4 6	48.3448	-7.3745	168	159	0	47026	-137	28
DISC91		78 327	412	48.3588	-7.3483	174	165	0	47042	-125	24
DISC91		78 327	418	48.3730	-7.3225	180	170	0	47020	-151	21
DISC91		78 327	424	48.3872	-7.2965	175	166	0	46998	-176	18
DISC91		78 327	430	48.4012	-7.2705	172	163	0	46994	-184	14
DISC91		78 327	436	48.4152	-7.2447	172	163	0	46982	-200	12
DISC91		78 327	442	48.4290	-7.2190	171	163	0	46982	-204	12
DISC91		78 327	448	48.4430	-7.1933	169	159	0	47004	-186	10
DISC91		78 327	454	48.4568	-7.1677	161	152	0	47048	-146	11
DISC91		78 327	5 0	48.4707	-7.1408	155	148	0	47104	-93	13
DISC91		78 327	5 6	48.4840	-7.1137	152	144	0	47122	-79	15
DISC91		78 327	512	48.4968	-7.0870	159	152	0	47124	-81	13
DISC91		78 327	518	48.5100	-7.0600	154	146	0	47074	-134	14
DISC91		78 327	524	48.5232	-7.0330	163	154	0	47032	-180	15
DISC91		78 327	530	48.5360	-7.0062	161	152	0	47028	-187	14
DISC91		78 327	536	48.5492	-6.9793	168	159	0	47030	-189	13
DISC91		78 327	542	48.5618	-6.9528	169	159	0	47030	-192	14
DISC91		78 327	548	48.5742	-6.9268	163	154	0	47038	-188	12
DISC91		78 327	554	48.5872	-6.9000	154	146	0	47056	-173	11
DISC91		78 327	6 0	48.6003	-6.8727	150	143	0	47074	-159	12
DISC91		78 327	6 6	48.6133	-6.8457	149	141	0	47094	-143	9
DISC91		78 327	612	48.6263	-6.8188	149	141	0	47114	-126	12
DISC91		78 327	618	48.6392	-6.7918	151	143	0	47126	-118	10
DISC91		78 327	624	48.6522	-6.7647	155	148	0	47124	-123	11
DISC91		78 327	630	48.6655	-6.7377	157	150	0	47114	-137	10
DISC91		78 327	636	48.6782	-6.7097	152	144	0	47102	-153	11
DISC91		78 327	642	48.6893	-6.6807	150	143	0	47090	-168	9
DISC91		78 327	648	48.6988	-6.6527	152	144	0	47084	-176	5
DISC91		78 327	654	48.7080	-6.6260	154	146	0	47086	-176	4
DISC91		78 327	7 0	48.7170	-6.5992	149	141	0	47090	-175	6
DISC91		78 327	7 6	48.7258	-6.5725	142	135	0	47086	-181	2
DISC91		78 327	712	48.7347	-6.5455	138	130	0	47094	-175	3
DISC91		78 327	718	48.7435	-6.5185	141	134	0	47100	-172	4
DISC91		78 327	724	48.7522	-6.4915	146	139	0	47104	-170	2
DISC91		78 327	730	48.7608	-6.4637	144	137	0	47110	-166	4
DISC91		78 327	736	48.7690	-6.4353	142	135	0	47108	-170	3
DISC91		78 327	742	48.7768	-6.4075	143	135	0	47102	-178	3
DISC91		78 327	748	48.7850	-6.3793	141	134	0	47102	-180	2
DISC91		78 327	754	48.7930	-6.3513	142	135	0	47100	-184	1
DISC91		78 327	8 0	48.8012	-6.3230	141	134	0	47106	-180	4
DISC91		78 327	8 6	48.8088	-6.2972	140	134	0	47114	-174	-4
DISC91		78 327	812	48.8163	-6.2717	137	130	0	47124	-166	-1
DISC91		78 327	818	48.8242	-6.2458	135	128	0	47128	-164	-0
DISC91		78 327	824	48.8320	-6.2205	134	126	0	47134	-160	1
DISC91		78 327	830	48.8402	-6.1950	133	126	0	47142	-155	-0
DISC91		78 327	836	48.8483	-6.1700	136	128	0	47142	-157	-0
DISC91		78 327	842	48.8572	-6.1460	135	128	0	47140	-161	4
DISC91		78 327	848	48.8665	-6.1213	133	126	0	47136	-168	5
DISC91		78 327	854	48.8753	-6.0977	134	126	0	47140	-166	5
DISC91		78 327	9 0	48.8843	-6.0735	129	123	0	47132	-176	5

CRUISE IDENT	DATE	HR MIN	LAT	LONG	UCTD METRES	CTD METRES	MATT AREA	TOTAL MAGFIELD	MAG ANOM	FAA
DISC91	78 327	9 6	48.8935	-6.0495						1
DISC91	78 327	912	48.9003	-6.0403						9
DISC91	78 327	918	48.8958	-6.0473						11
DISC91	78 327	924	48.8907	-6.0452						
DISC91	78 327	930	48.8865	-6.0435						
DISC91	78 327	936	48.8835	-6.0433						
DISC91	78 327	942	48.8800	-6.0432						
DISC91	78 327	948	48.8953	-6.0317						
DISC91	78 327	954	48.9058	-6.0058						
DISC91	78 327	10 0	48.9162	-5.9798						
DISC91	78 327	10 6	48.9265	-5.9538						
DISC91	78 327	1012	48.9368	-5.9280						
DISC91	78 327	1018	48.9472	-5.9018						
DISC91	78 327	1024	48.9575	-5.8760						
DISC91	78 327	1030	48.9675	-5.8503						
DISC91	78 327	1036	48.9778	-5.8247						
DISC91	78 327	1042	48.9877	-5.7993						
DISC91	78 327	1048	48.9978	-5.7738						
DISC91	78 327	1054	49.0078	-5.7483						
DISC91	78 327	11 0	49.0178	-5.7230						
DISC91	78 327	11 6	49.0280	-5.6975						
DISC91	78 327	1112	49.0383	-5.6718						
DISC91	78 327	1118	49.0483	-5.6467						
DISC91	78 327	1124	49.0587	-5.6207						
DISC91	78 327	1130	49.0688	-5.5952						
DISC91	78 327	1136	49.0788	-5.5697						
DISC91	78 327	1142	49.0890	-5.5442						
DISC91	78 327	1148	49.0987	-5.5198						
DISC91	78 327	1154	49.1087	-5.4947						
DISC91	78 327	12 0	49.1190	-5.4688						
DISC91	78 327	12 6	49.1292	-5.4430						
DISC91	78 327	1212	49.1392	-5.4178						
DISC91	78 327	1218	49.1492	-5.3923						
DISC91	78 327	1224	49.1595	-5.3663						
DISC91	78 327	1230	49.1697	-5.3405						
DISC91	78 327	1236	49.1798	-5.3152						
DISC91	78 327	1242	49.1902	-5.2893						
DISC91	78 327	1248	49.2003	-5.2635						
DISC91	78 327	1254	49.2105	-5.2375						
DISC91	78 327	13 0	49.2208	-5.2117						
DISC91	78 327	13 6	49.2302	-5.1845						
DISC91	78 327	1312	49.2393	-5.1572						
DISC91	78 327	1318	49.2485	-5.1297						
DISC91	78 327	1324	49.2578	-5.1022						
DISC91	78 327	1330	49.2670	-5.0752						
DISC91	78 327	1336	49.2760	-5.0480						
DISC91	78 327	1342	49.2852	-5.0208						
DISC91	78 327	1348	49.2943	-4.9935						
DISC91	78 327	1354	49.3035	-4.9662						
DISC91	78 327	14 0	49.3127	-4.9390						
DISC91	78 327	14 6	49.3218	-4.9117						
DISC91	78 327	1412	49.3310	-4.8843						
DISC91	78 327	1418	49.3400	-4.8570						
DISC91	78 327	1424	49.3492	-4.8300						
DISC91	78 327	1430	49.3580	-4.8037						
DISC91	78 327	1436	49.3668	-4.7768						
DISC91	78 327	1442	49.3762	-4.7492						
DISC91	78 327	1448	49.3853	-4.7220						
DISC91	78 327	1454	49.3945	-4.6945						
DISC91	78 327	15 0	49.4037	-4.6673						
DISC91	78 327	15 6	49.4128	-4.6397						
DISC91	78 327	1512	49.4213	-4.6115						
DISC91	78 327	1518	49.4295	-4.5833						

SECTION D

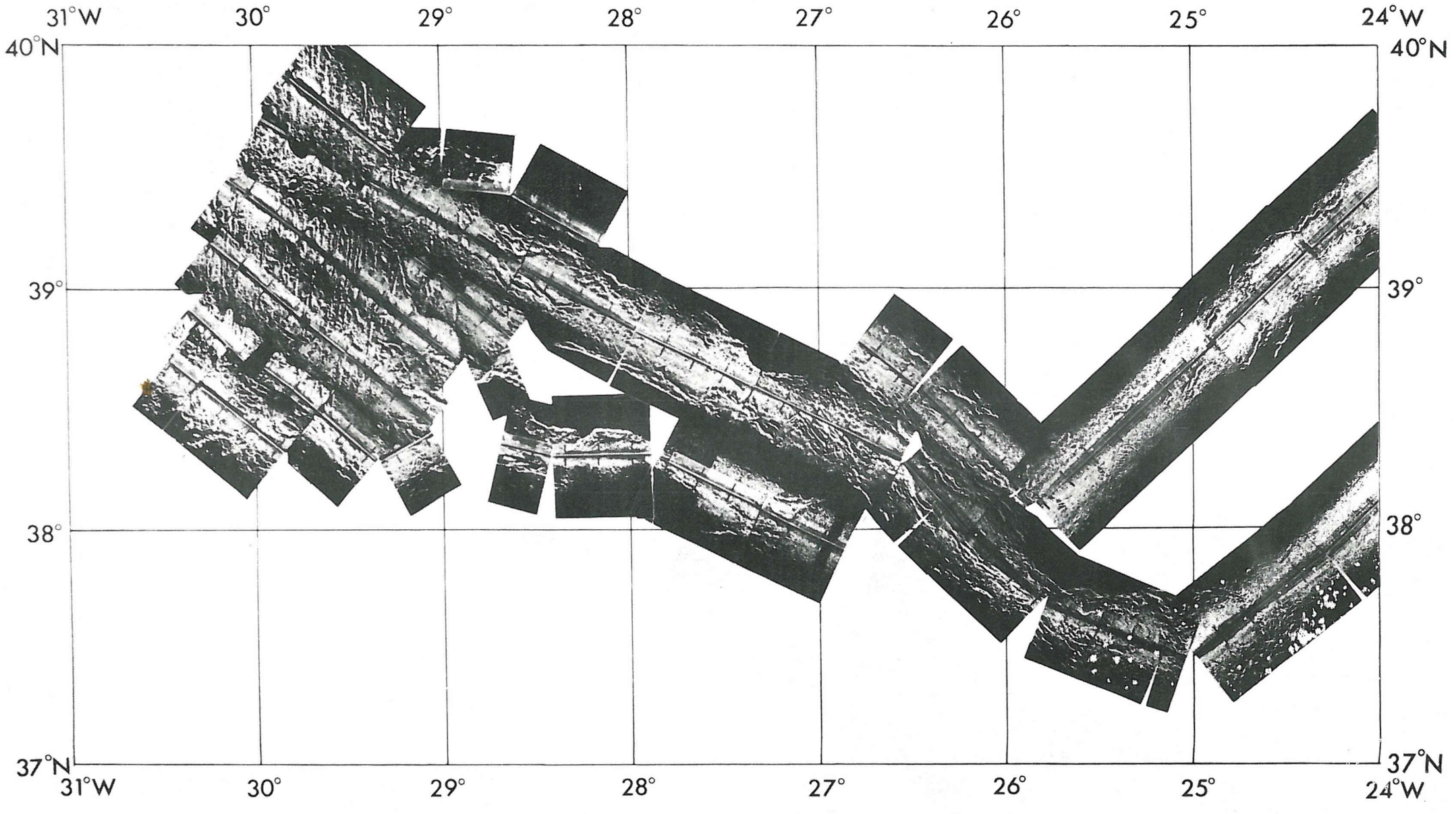
STATION POSTION TABLES

STATION	TYPE	TIME START	TIME END	POSTION START	POSTION END	COMMENTS
9747	DSB	1430/044	1516/044	34 11.9N 08 32.9W	34 08.4N 08 40.9W	MOROCCAN CONTINENTAL RISE. E.M. LOG CALIB.
9748	DSB	1258/047	1500/047	33 31.4N 10 05.7W	33 39.4N 09 56.3W	MOROCCAN CONTINENTAL RISE.
9749	DSB	1000/052	1120/052	40 15.3N 10 56.3W	40 22.1N 10 55.9W	IBERIAN CONTINENTAL RISE.
9750	DSB	1150/066	1204/066	47 08.8N 12 39.6W	47 07.3N 12 40.6W	HYDROPHONE FAILED TO DEPLOY.
9751	DSB	1221/066	1401/066	47 05.4N 12 41.9W	46 57.1N 12 48.7W	E.M. LOG CALIBRTION.

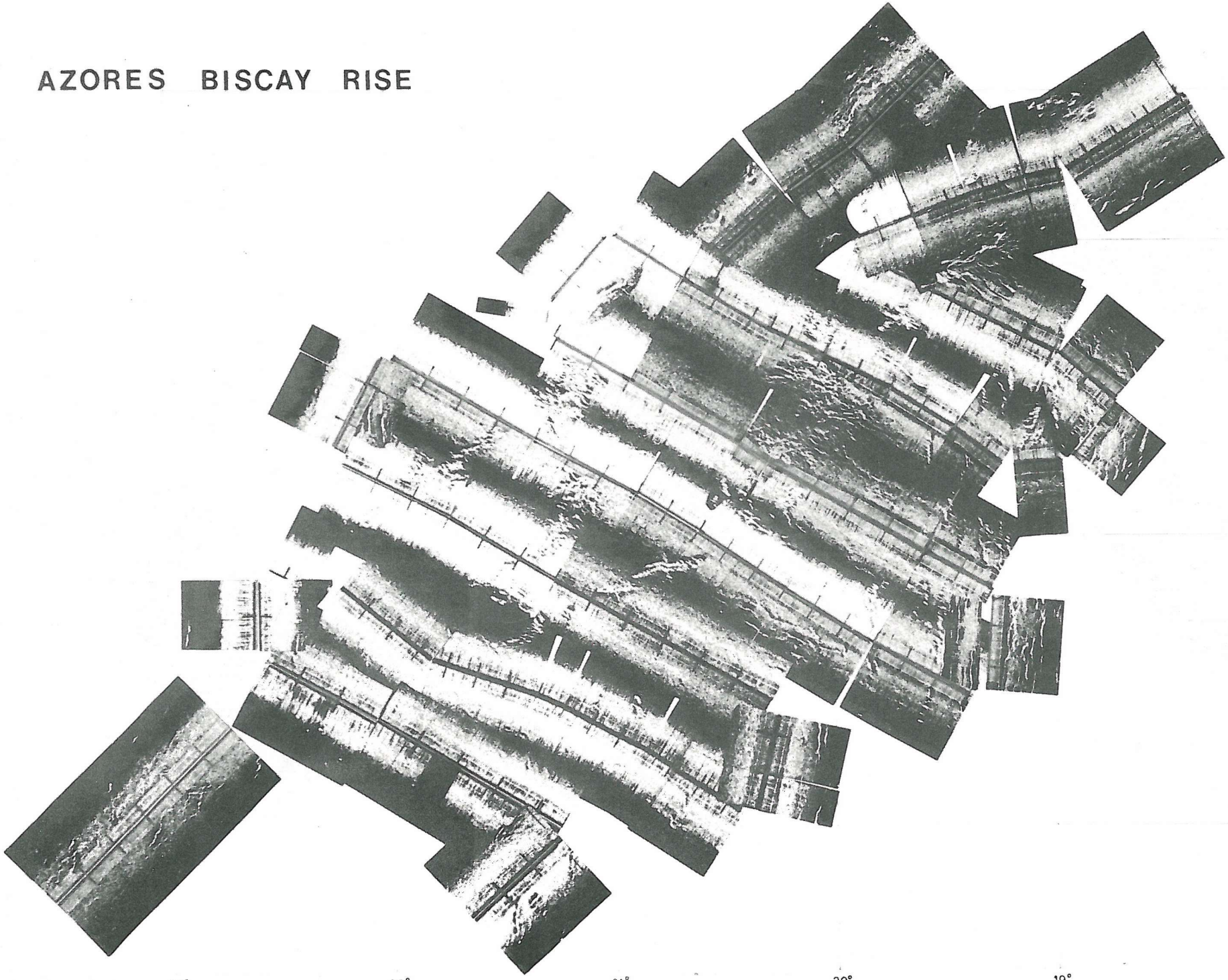
SECTION E

G.L.O.R.I.A. SONOGRAPH MOSAICS

AZORES TRIPLE JUNCTION



AZORES BISCAY RISE



RRS DISCOVERY CRUISES 90 & 91
DATA REPORT
PROFILE LOCATION SHEET

SCALE 1:2 400 000 AT 41°N

CONTOURS IN METRES

PROFILE NUMBER 25

DAY NUMBER AT 0000 HOURS 69

G.I..O.R.I.A. COVERAGE

