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CTD SECTIONS ACROSS THE SOUTHWEST INDIAN OCEAN AND ANTARCTIC CIRCUMPOLAR CURRENT IN SOUTHERN SUMMER 1986/7

BY

R.T. POLLARD, J.F. READ & J. SMITHERS

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CTD sections across the southwest Indian Ocean and Antarctic Circumpolar Current in southern summer 1986/7

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ABSTRACT

This report presents CTD data collected on RRS *Discovery* Cruise 164 (19 December 1986 - 21 January 1987) on two sections across the southwest Indian Ocean. The first section runs down the Madagascar Ridge at 45°E, then southwest and south along 33°E to 52°E. The second runs a little east of north from 36°S 52°E towards Mauritius.

58 CTD casts are presented, all of them to full depth (ranging from 1200 - 5500m). Calibration and editing techniques are described. Absolute accuracies are estimated to be 3 dbar for pressure, 0.01°C for temperature, 0.005 for salinity and 0.1 ml/l for oxygen.

The data are presented as profile plots of temperature, salinity and oxygen against pressure, and listings at standard levels of basic and derived values.

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1. DATA COLLECTION

RRS Discovery Cruise 164 (Pollard et al, 1987) took place from 19 December 1986 to 21 January 1987. Two major CTD sections were worked (Table 1, Fig.1) across the southwest Indian Ocean, possibly for the first time.

The first section (casts 11401-50) ran from Mauritius southwest to the Madagascar Ridge, down the Ridge at 45°E to 35°S, southwest again slightly on the Atlantic side of the Atlantic-Indian Ridge to 45°S, 33°E, then south to 52°S, crossing the Ridge at 47° 30'S. This section crossed both the Subtropical and Polar Fronts, at both of which full-depth baroclinicity was found. Casts were widely spaced (300km) across the Indian Ocean to the Madagascar Ridge (Fig.1, cast 11404). Thereafter spacing was 100km down to 39°S (11416) decreasing to 50km over nearly all the rest of the section, including the crossings of the two major fronts. Indeed, casts 11418-21 at the Subtropical Front were only 35km apart, and when the Antarctic Circumpolar Current (ACC) was crossed between casts 11440 and 41 (55km apart), Discovery backtracked to make cast 11442 midway between the previous two. Casts 11447-50 partly recrossed the ACC, indicating a meander in the ACC, as the southward set around 50°S (Pollard et al, Fig.3) confirmed.

After a SeaSoar run (Pollard, Read and Smithers, 1987) east and north across the Crozet Plateau, then east and north until north of the Subtropical Front at 52°E, a second CTD section (casts 11451-61) was worked across the Indian Ocean on a line between Crozet Island and Mauritius, with station spacings of about 180km, ranging from 165km to 208km.

All casts were full depth, using an echosounder mounted on the CTD cage to stop as close to the bottom as was safe. On some casts, the bottom echo was so weak that it was prudent to stop 100m off the bottom, but most casts proceeded within 10-30m (Table 1).

2. DATA REDUCTION

The flow path for data is shown in Fig.2. Data are initially logged at 16hz from the Neil Brown Instrument Systems (NBIS) CTD onto a NBIS deck unit, which has been enhanced by IOS with an ASCII interface, allowing raw data to be written to a 1600bpi ½" magnetic tape in blocked character format. This is known as DIGIN format. A BBC micro system attached to the deck unit extracts and displays about five samples a second, to give an instant check on data quality. Full rate data

are then passed to the Level A/B/C system developed by NERC Research Vessel Services.

2.1 Level A algorithms

The Level A microcomputer edits and averages the raw data to 1hz, using the algorithms developed by Pollard et al. (1986). The pressure variable is first checked for jumps exceeding 100 raw units (about 10m for full depth pressure transducer, on the deep CTD, 2.5m for the 1600 dbar transducer used in the SeaSoar) between sequential samples, this being far larger than the pressure can reasonably change in 1/16th of a second. In our experience, if pressure (the first variable in the data stream) is wrong, so are all other variables, so any flagged data cycle is ignored. This also means that the first good data cycle after a bad value or after a time gap is ignored, but at full data rate the amount of good data lost is negligible.

Data cycles collected within each one-second period are then despiked and averaged. The data for each variable (typically 15-16 samples) are fast-sorted into ascending order, and the two median values are used to calculate a mean M and difference D. If D is zero; it is reset to a minimum value (different for each sensor). Any data value outside the range M±nD (where n depends on the sampling frequency) is omitted from the average. This procedure assumes that the median values are good, i.e. that typically less than half the values are wrong and all biassed one way. This is nearly always the case for NBIS CTD data, unless there is a serious fault. The algorithm has the ability to delete very small spikes in quiet regimes, such as a nearly homogeneous mixed surface layer or deep layer. In a strong thermocline, D is large and so the checking limits are likewise less stringent.

The ability to make later time constant corrections to allow for differences between the temperature and conductivity response times can be retained after one-second averaging (Collins et al., 1983) by calculating an extra variable DELTAT = {T(end) - T(beg)}/P where T(beg) and T(end) are the first and last good temperature values in the one-second interval, and P is the time between them. This can be shown by integrating the equation for a single time constant system

$$\frac{dTo}{dt} = \frac{1}{\tau}(T_t - T_o)$$

(where T_t is the true temperature, T_o the measured temperature and τ the time constant) over the period P, yielding

$$\overline{T}_t = \overline{T}_o + \tau * DELTAT$$

(where the overbar signifies the one-second average). The Level A therefore calculates DELTAT and adds it to the output variables.

An ASCII message in Ship Message Protocol (SMP) format is output once per second on an RS232 line. Level A arithmetic is done in integer for speed. The NBIS CTD output consists of integers in the range 0-65535. Because averaging can lead to greater precision (Saunders, 1985), the sum of the values in the one-second average is multiplied by 100 before dividing by the number of samples, so that the SMP raw data averages contain two decimal places for extra precision.

2.2 PSTAR Data Capture

The ASCII SMP messages output by the CTD Level A flow in three directions (Fig.2), to the Level B, to a monitor for screen display, and to a PDP11/34. The Level B (a Plessey 68000) archives all SMP messages from all instruments feeding data into it through many Level As. The Level C, a UNIX based Plessey 68000, can do further processing. For Cruise 164, the SMP messages were intercepted at a T-junction as they were passed to a monitor, and transferred to PDP11/34, where they were easily captured by the interrupt driven RSX-11M operating system. This was the preferred route (Fig.2) by which data were transferred into the PSTAR processing suite (Pollard, 1983), as the Level A removes a considerable processing load from the PDP, and this route was used for casts 11411-61 with the exception of casts 11442, 51.

A second route that can be used in the absence of a Level A is to read back the DIGIN tapes on the PDP, using program PDIGIN (Fig.2). Time is recorded on the tape once per block, but fractions of a second are not recorded. Each block contains about 10 data cycles, i.e. less than one second's worth. Program DIGITIM therefore checks the block times for gaps where logging ceased. Over blocks for which logging was continuous, a time base is interpolated for every data cycle. This step is necessary to allow one-second averages to be created by CTDAVG, which follows a pressure checking program DGPPRES. DGPRES and CTDAVG perform the same processing as can be done in the Level A (Section 2.1). In addition, reading and

converting full rate data off an ASCII tape with PDIGIN is a slow process, so this route is undesirable. It had to be used at the start of Cruise 164, however, (casts 11401-10, also 11442 and 11451) when it was found that all the backup tapes for the Level A/B/C system had become corrupted, possibly because of excess heat and humidity on the previous leg, and some changes required to the Level A software could not be made.

The third and final route by which data were transferred to the PDP was by writing an ASCII tape of 1-second averaged raw data on the Level C, and reading it on the PDP. This had to be done once or twice for part of a cast when both other routes failed, i.e. an operator forgot to start logging onto the DIGIN tape and another operator forgot to RUN the PDP program to read the SMP messages from the Level A. The necessity of having backup routes to counter operator or hardware errors was thus verified.

2.3 PSTAR Data Analysis

Once CTD data are on the PDP in PSTAR format, a suite of editing, utility and display programs is available (Pollard, 1983) which can be used in any combination at the discretion of the scientist.

CTDCAL is applied to the averaged raw data, and picks up user supplied best available calibration values from an ASCII file (details of the values used are in Section 4). Where a variable undergoes complex calibration (e.g. conductivity, oxygen current) to create a derived output variable (salinity, oxygen), the input variable is retained so that the calibration can be repeated. The calibration constants used are written by CTDCAL to the comments field of the output file.

Subsequent linear calibration is done by PCALIB, oxygen calibration by OXYGEN. Header data such as latitude and longitude can be entered with PHEADR. Deletion of out of range values is done by PEDITA, and PEDITB can change or delete down to the level of individual variables in individual data cycles. PARCH archives files to magnetic tape in an ASCII format. PAVRGE and PFETCH are used respectively to average data over equal intervals of a given variable (usually pressure or density), or to interpolate on a given variable to standard levels. PLOTXY or PLOTHP produce profile plots on an HP7221 flatbed plotter or Calcomp drum plotter. REPORT produces report quality plots. After final calibration correction on a following cruise (165A), all the profile plots in this Report were

created at sea. The contoured plots (Figs.3-5) were produced by PCONTR, after gridding many CTD casts into a single file using PGRIDP (an extension of PFETCH).

3. CTD CALIBRATION

CTDCAL obtains calibration constants from an ASCII file edited by the user and applies them to the raw data. The constants used are stored in the comments field of the output file (Table 2). In general, the first constant shown is a multiplicative default value which converts raw units to physical units (e.g. 0.0005mK per bit for temperature). The second and third constants (b, c) are used to correct the default calibration (usually output = b + c x input). The method of extracting suitable values from a cast for comparison with bottle samples and reversing thermometer readings is as follows.

The downcast should preferably be completed without stops to avoid jumps in the oxygen output values caused by its slow (order 5 minutes) response time. On Cruise 164, however, the CTD was often stopped at 250m, and drift can be seen on some oxygen plots (e.g. CTD 11454) and oxygen contour plots (Fig.4c). Bottle samples are therefore taken using a 12-bottle 1.7l rosette sampler on the upcast. Another reason for sampling on the upcast is to minimise possible leakage into a bottle after it has been tripped. Bottles were fired at 12 level for casts 11401-15, but the frequency had to be reduced to 6 bottles per cast thereafter because of a shortage of reagents.

After CTDCAL has been run on the upcast, program PLISTD is run to list the one second samples on a terminal. Because computer logging is stopped just before firing a bottle (to avoid noise spikes in the data), a gap in the time base at about the right pressure level can be used to pinpoint the CTD readings just before the bottle was fired. Pressure, temperature, conductivity, salinity and potential temperature are extracted into a notebook. While the temperature (T_{CTD}) and salinity (S_{CTD}) so extracted can be directly compared with reversing thermometer temperature (T_B) and bottle salinity samples (S_B), oxygen cannot be extracted from the upcast. This is because it is the <u>down</u>cast we wish to calibrate. The long oxygen time constant causes the upcast to differ significantly from the down, and in addition there can be a long recovery period each time the current to the oxygen sensor is interrupted while the multisampler is fired. For this reason oxygen current values (O_{CTD}) are extracted from the downcast, using PLIST, by seeking a data cycle for which the potential temperature

matches that extracted from the upcast. If temperature inversions are present, it is necessary to pick the matching potential temperature at about the same pressure value as on the upcast. Matching potential temperature rather than pressure should minimise errors caused by internal waves.

3.1 Pressure

Raw pressure R_{RAW} was calibrated to dbar P_{CAL} by the formula

$$P_{CAL} = 0.1 * P_{RAW} - 12.0$$

The pressure calibration was checked by comparing the CTD depth at the bottom of each cast with the value derived from the IOS Precision Echo Sounder. The depth of the CTD when closest to the bottom (D_{PES}) is the difference between the PES bottom depth (corrected for Carter Area) and the distance the CTD was off the bottom, deduced from the direct and bottom echo from a pinger mounted on the CTD cage (Table 1). The CTD pressure is converted to depth (D_{CTD}) using the equation of state. On many casts, the bottom echo was very weak, and the height off the bottom could not be accurately determined, if at all. Out of 61 logged values (for both Cruise 164 and 165A), 35 values of ($D_{PES} - D_{CTD}$) fell within a Gaussian distribution which tailed off at 15m, and these 35 values yielded

$$D_{PES} - D_{CTD} = 0.4 \pm 6.3m$$

Pressures are therefore probably correct within a few metres.

3.2 Temperature

CTD temperatures were calibrated at sea using the most recent laboratory calibration

$$T(°C) = T(raw) * 0.0005 * 0.9990317 + 0.0258$$

This equation is virtually identical to that used by Saunders and Manning (1984) and Pollard et al. (1986), reinforcing the long-term stability of the platinum resistor calibration. To check for gross errors, reversing thermometers were deployed at two depths on all casts. The calibration offsets (Table 3) are all less than 0.03°C, but were restricted to temperatures less than 5°C. On the following cruise, 165A, samples taken in the surface layers gave an offset of -0.049 ± .057°C (mean ± standard deviation) for 7 samples at temperatures ranging

from 18-22°C. On this evidence, no change was made to the CTD temperature calibration.

3.3 Salinity

At the start of Cruise 164, a few salinity samples were quickly analysed to calculate an approximate conductivity ratio for casts 11401-02. The value of 0.99937 found was used to calibrate conductivities for the whole cruise. Final calibration was done by comparing CTD salinities (S_{CTD}) using the above conductivity ratio with bottle salinities (S_B), the statistics of which are summarised in Table 4. Casts 11411-50 were first analysed for temperature or pressure dependence (Table 4a). Apart from 11 shallow values in the temperature range 2-5°C, which suggest a mean different (S_B - S_{CTD}) of 0.043 ± 0.005, all differences were close to 0.050 ± 0.005. No corrections for salinity variation with depth or temperature were made, but a possible uncertainty of 0.007 should be borne in mind in any study of deep T/S relationships.

Calibration data from all casts are compared in Table 4b. Casts 11401-03 show a drift with time. Casts 11411-50 suggest a weak drift with time (opposite to that of casts 11401-03) from 0.052 to 0.046, but the drift was not sustained for previous (11404-10) or following (11451-58) casts. (Note the long gap in space and time between casts 11450 and 51).

For the data in this report, we have applied the overall correction of 0.050 given by all 165 values for casts 11404-58, with a standard deviation of 0.005. Casts 11401-03 have been individually corrected by 0.027, 0.036 and 0.045 respectively.

The conductivity cell unfortunately failed after cast 11458, so a new sensor had to be installed. The few calibration points (14 in all) available for casts 11459-61 do not yield a reliable calibration. A correction of -0.019 has been applied to all three casts, but Table 4b suggests that salinities for cast 11461 may remain 0.005 too high.

3.4 Oxygen

Oxygens are usually calibrated using the formula

$$O_{cal}(ml/l) = C * O_{RAW} * EXP(ALPHA * T_L + BETA * P) * O_{Sat}(T,S)$$

where P, T and S are calibrated CTD values of pressure, temperature and salinity, O_{RAW} is the oxygen current converted to amps by constant C, T_L is a lagged temperature using the CTD temperature and the internal temperature of the oxygen sensor in some combination, and ALPHA and BETA are constants. Pollard (1985) found that the oxygen temperature could be ignored, calculating T_L by lagging the CTD temperature, typically with a 300 second time constant TCON. On Cruise 164, approximate values for C, ALPHA, BETA and TCON were initially selected by trial and error by overplotting down and up casts and calibrated oxygen samples for casts 11401 and 15.

Surprisingly, setting TCON = 200 or even 50 seconds caused considerable hysteresis between down and up casts. Offsets between up and down casts were minimised by replacing T_L by unlagged CTD temperature, and this was done throughout Cruise 164. The choices of C, ALPHA and BETA are irrelevant, as they had to be totally recalculated for each cast. It was found that the calibration drifted enough that casts had to be fitted individually. Over a period of days, the original calibration values resulted in oxygens that drifted upwards from plausible values of order 5ml/l to wild values greater than 15ml/l. This was due in part to leakage of seawater into the oil-filled reservoir, which occurred after the cell had been stripped down and reassembled after it failed on cast 11430.

Least squares fitting the three constants C, ALPHA and BETA with usually only 6 samples is a dubious procedure, and great care had to be taken that a single poor calibration sample did not destabilize the least squares fit. On eleven casts (Table 5) calibration values have been corrected or invented (by comparison with stable values on adjacent casts) to obtain plausible constants. On three casts (Table 5), no least squares fit could be obtained and calibration values from an adjacent cast were used.

The reader may judge for himself the success of this ad hoc procedure, by examination of and comparison between the oxygen profile plots in this report, because all oxygen calibration values are marked by asterisks(*). For the most part, we believe the CTD values are within 0.1ml/l of their true value, or certainly 0.2ml/l. Although poor, this is within the manufacturers (Beckman) specification.

4. DISPLAY

The Cruise 164 track plot is shown in Fig.1 and an overview of the structure from all casts is given in the contour plots (Figs.3-5). Thereafter, a profile plot and summary listing of standard levels is provided for each cast.

On the profile plots, large temperature values wrap around in the surface layers, so require 20°C added to the annotated value. Oxygen calibration values are shown as asterisks(*). Before plotting, the data have been smoothed by 10-second averaging.

The listings are linearly interpolated to standard levels, 20 dbar apart to 400 dbar, 50 dbar apart to 600 dbar, and 100 dbar apart below 600 dbar. Start and stop times of each cast (day of year/HHMMSS) and position are shown at bottom right of each plot. The one or two letter code following the cast number (e.g. AB for cast CTD 11401AB) is a version code which increments every time a computer file is modified, thus distinguishing which computer version of the file is being plotted.

5. ACKNOWLEDGEMENTS

These data were collected on Cruise 164 of RRS Discovery. Shortly after cast 11408, in the early hours of Christmas Day, a fire in one of the main generators nearly terminated the cruise in its early stages. Only the courageous intervention of the Chief and Third Engineers (Ian Bennett and Paul Marsh) put it out before it could spread. Exceptional skill by all the Engineers, and the dedication of the Master, Mike Harding, allowed the cruise to continue as far south as the Polar Front. Our grateful thanks are due to all the Officers and Crew for their wholehearted support in difficult circumstances, and for getting us safely back to Mauritius. The scientific crew all assisted in ensuring high quality CTD data were collected, especially John Moorey, who analysed most of the oxygen and salinity samples, and checked out the reversing thermometers.

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TABLE 1. CTD and XBT Station List

Station	Start date	Start time	Down time	End time	Latitude (S)	Longitude (E)	Depth (corr m)	Height off bottom (m)
CTD11399	20/12	0800	0835	0906	22° 9.5'	54°46.8'		
CTD11400		1610	1638	1726	23° 7.6'	53°26.1'		
CTD11401		1850	2033	2218	23°17.5'	53°11.9'	4621	50
CTD11402	21/12	1000	1144	1406	25° 7.9'	51°21.9'	5006	30
XBT16401			1900		25°39.8'	50°41.4'		
XBT16402	22/12		0001		26°13.8'	50° 0.0'		
CTD11403		0512	0653	0900	26°50.5'	49°13.0'	4842	120?
XBT16403	23/12		0000		28°14.0'	47°35.5'		
CTD11404		0448	0602	0800	28°41.5'	47° 1.2'	3064	20
XBT16404			1200		29°18.2'	46°37.5'		
CTD11405		1630	1719	1830	29°55.6'	46°23.7'	2116	20
XBT16405	24/12		0012		30°47.9'	46°11.4'		
CTD11606		0246	0324	0442	31° 5.2'	46° 6.7'	2387	40
XBT16406			1229		31°40.7'	45°56.2'		
CTD11407		1531	1610	1712	32° 7.8'	45°48.6'	1891	35
XBT16407			2000		32°33.2'	45°40.8'		
CTD11408		2248	0009	0043	33° 0.7'	45°32.4'	1607	8
XBT16408	25/12		0331		33°26.0'	45°26.1'		
CTD11409		0618	0703	0754	33°52.5'	45°18.3'	1184	20
XBT16409			1021		34°15.4'	45°13.5'		
CTD11410		1335	1411	1515	34°45.0'	45° 3.6'	1660	30
CTD11411		1955	2106	2236	35°29.4'	44°53.3'	3309	10
XBT16410	26/12		0145		35°55.2'	44°30.4'		
CTD11412		0412	0516	0642	36°14.5'	44°13.0'	3120	10
XBT16411			0945		36°35.9'	43°50.6'		
CTD11413		1235	1337	1511	36°56.5'	43°30.8'	3425	15
XBT16412			1810		37°18.6'	43° 9.4'		
CTD11414		2048	2210	2348	37°38.6'	42°50.1'	3881	15
XBT16413	27/12		0246		38° 0.1'	42°28.4'		
CTD11415		0536	0702	0848	38°22.1'	42° 7.2'	3880	90
XBT16414			1142		38°44.5'	41°46.7'		
CTD11416		1430	1541	1724	39° 4.8'	41°27.0'	3775	40
CTD11417		2036	2207	2336	39°27.3'	41° 5.6'	3613	18
XBT16415	28/12		0114		39°39.9'	40°55.4'		
CTD11418		0258	0412	0542	39°48.2'	40°42.1'	3575	25
CTD11419		0800	0916	1048	40° 1.1'	40°27.3'	3740	15
CTD11420		1313	1424	1554	40°16.2'	40°12.5'	3944	15
CTD11421		1800	1923	2054	40°29.6'	39°57.0'	3618	20
CTD11422		2330	0044	0210	40°50.3'	39°35.6'	3643	35
CTD11423	29/12	0530	0650	0824	41° 7.3'	39° 6.7'	3865	15
CTD11424		1112	1223	1337	41°24.3'	38°40.4'	3182	25
CTD11425		1700	1816	1924	41°42.9'	38°13.7'	3748	30
CTD11426		2236	0012	0146	42° 1.7'	37°47.0'	3813	80
CTD11427	30/12	0712	0828	1000	42°19.5'	37°19.2'	3606	100
XBT16416			1352		42°37.3'	36°52.2'		
CTD11428		1730	1855	2054	42°55.3'	36°24.1'	4118	50?
XBT16417	31/12		0032		43°13.5'	35°56.5'		
XBT16418			0354		43°31.7'	35°29.2'		

Station	Start date	Start time	Down time	End time	Latitude (S)	Longitude (E)	Depth (corr m)	Height off bottom (m)
CTD11429		0726	0842	1018	43°33.2'	35°28.0'	4216	15
XBT16419			1410		43°49.6'	35° 1.4'		
CTD11430		1500	1627	1800	43°53.8'	34°54.2'	3957	25
CTD11431		2156	2306	0048	44°13.4'	34°25.5'	3952	160?
CTD11432	1/1/87	0330	0443	0606	44°34.4'	34° 5.0'	3730	65
CTD11433		0912	1048	1227	44°56.3'	33°41.9'	4630	22
CTD11434		1516	1640	1818	45°20.3'	33°23.1'	4145	45
CTD11435		2100	2239	0018	45°44.3'	33° 9.0'	4791	10?
CTD11436	2/1	0322	0440	0618	46° 9.5'	32°53.3'	4424	20
CTD11437		0900	1012	1130	46°35.5'	32°45.8'	3229	15
CTD11438		1418	1510	1600	47° 2.5'	32°43.4'	2428	35
CTD11439		1906	2002	2058	47°29.7'	32°43.4'	2333	20
CTD11440	3/1	0137	0238	0347	47°56.2'	32°44.0'	3114	40
CTD11441		0636	0817	1012	48°24.2'	32°46.7'	4782	10
CTD11442		1200	1309	1420	48°10.7'	32°46.0'	3135	20
CTD11443		1900	2029	2218	48°49.8'	32°42.4'	4297	10
CTD11444	4/1	0232	0354	0612	49°17.9'	32°43.8'	4130	25
CTD11445		0848	1039	1248	49°46.3'	32°42.5'	5500	20
CTD11446		1512	1652	1924	50°14.1'	32°42.5'	5410	?
CTD11447		2218	2345	0127	50°38.7'	32°43.3'	4030	20
CTD11448	5/1	0400	0542	0736	51° 4.6'	32°41.8'	4531	?
CTD11449		1048	1229	1438	51°30.8'	32°38.4'	5245	?
CTD11450	6/1	0200	0409	0700	52° 0.1'	32°45.4'	5118	?
CTD11451	15/1	1240	1417	1636	37°31.5'	52°16.8'	4224	12
XBT16420			1940		36°58.1'	52°19.8'		
XBT16421			2226		36°20.8'	52°20.4'		
CTD11452	16/1	0121	0246	0448	35°51.0'	52°21.2'	4635	30
XBT16422			0800		35°15.7'	52°25.4'		
XBT16423			1036		34°44.7'	52°27.2'		
CTD11453		1330	1442	1600	34°11.7'	52°29.3'	3282	20
XBT16424			1855		33°38.3'	52°30.1'		
XBT16425			2133		33° 8.2'	52°32.3'		
CTD11454	17/1	0012	0205	0430	32°40.3'	52°33.8'	5309	145
XBT16426			0800		32° 5.0'	52°47.8'		
XBT16427			1036		31°38.0'	52°58.4'		
CTD11455		1324	1431	1600	31° 8.3'	53° 8.8'	4031	20
XBT16428			1845		30°39.3'	53°21.3'		
XBT16429			2118		30°11.3'	53°30.0'		
CTD11456	18/1	0006	0138	0400	29°43.5'	53°41.7'	4765	15
XBT16430			0651		29°14.6'	53°54.7'		
XBT16431			0922		28°46.6'	54° 7.0'		
CTD11457		1200	1331	1512	28°14.7'	54°16.8'	5102	?
XBT16432			1918		27°28.5'	54°33.9'		
CTD11458		2236	0028	0224	26°52.1'	54°50.1'	5273	25
XBT16433	19/1		0528		26°25.9'	55° 4.7'		
XBT16434			0819		25°59.5'	55°19.0'		
XBT16435			1130		25°31.9'	55°28.6'		
CTD11459		1300	1429	1612	25°19.6'	55°36.4'	4873	20
XBT16436	19/1		1841		24°56.9'	55°48.5'		
XBT16437			2146		24°25.3'	56° 5.3'		

Station	Start date	Start time	Down time	End time	Latitude (S)	Longitude (E)	Depth (corr m)	Height off bottom (m)
CTD11460	20/1	0112	0233	0400	23°51.8'	56°23.8'	4634	20
XBT16438			0729		23°18.3'	56°44.5'		
XBT16439			1044		22°45.1'	57° 2.1'		
CTD11461		1400	1601	1748	22°11.6'	57°18.5'	4719	20

TABLE 2

PSTAR file header showing calibration constants stored in the comment field

```
DATA DESCRIPTION
****************
                                  ************
                          DATA NAME: *CTD11401AB*
                                  ************

                                    PLATFORM                    DEPTH OF  DEPTH OF
                          **TYPE** ****NAME**** *NUMBER*  INSTRUMENT  WATER
INSTRUMENT:               SHIP      DISCOVERY    CR164       9999.99M  9999.99M

NO. OF FIELDS:   12     NO. OF RECORDS:  527     NO. OF ROWS (IF MATRIX):   0
START TIME:19/861220/185540  POSITION:-23.2922  53.1975(23 17.53S  53 11.85E)
*****************************************************************************
*   FIELD     * UNITS  *   LOWER   LIM   *   UPPER   LIM   * ABSENT DATA VAL *
*****************************************************************************
*  1.TIME     *SECONDS *         605.000 *         5865.000 *         -999.000 *
*  2.JDAY     *DAYOFYR *         354.795 *          354.856 *         -999.000 *
*  3.PRES     *DBAR    *          10.589 *         4646.090 *         -999.000 *
*  4.TEMP     *DEGC    *           1.026 *           25.448 *         -999.000 *
*  5.COND     *MMHO/CM *          31.494 *           53.744 *         -999.000 *
*  6.TRANSMIT*/M       *          64.192 *           68.120 *         -999.000 *
*  7.OXYC     *        *           0.325 *            2.451 *         -999.000 *
*  8.OXYT     *DEGC    *           0.153 *           32.544 *         -999.000 *
*  9.POTEMP   *DEGC    *           0.650 *           25.445 *         -999.000 *
* 10.SALIN    *PPT     *          34.500 *           35.657 *         -999.000 *
* 11.OXYGEN   *ML/L    *           3.269 *            5.303 *         -999.000 *
* 12.OXYFRAC  *PERCENT *           0.451 *            0.933 *         -999.000 *
*****************************************************************************

COMMENT:
PRES     0.1    -12.    1.0                 TEMP     0.0005 0.025835 0.9990317
COND     0.001 0 .99937                      TRANSMITO.02 0 1.
OXYC     0.001 0. 1.575                      OXYT     0.0005 0. 1.
OXYFRAC -0.037 0.00014 1.                    OXYGEN   1. 0. 0.
DELTAT   0.25 0. 0.                          OXRECAL  1.141   -0.0469   0.000118
```

TABLE 3

Temperature calibrations on Cruise 164

Temp range (°C)	No. in sample	T (reversing thermometer) - T(CTD)		
		mean (°C)	SD (°C)	SD of mean ('C)
less than 0.5°	10	-0.007	0.010	0.003
0.5 - 1.5°	41	-0.002	0.007	0.001
1.5 - 2.5°	19	-0.007	0.006	0.001
2.5 - 5.5°	22	-0.028	0.028	0.006
All	93	-0.018	0.018	0.002

TABLE 4

Salinity calibrations on Cruise 164

(a) by temperature and pressure for casts 11411-50

Temp range (°C)	Pres range (dbar)	No. in sample	S_B-S_{CTD} mean (ppm)	S_B-S_{CTD} std.dev. (ppm)
10-20	shallow	15	51.2	4.5
6-10	shallow	7	50.0	2.3
3-5	500-1500	22	52.0	5.6
2-5	0-500	11	43.3	2.5
1-2	deep	33	50.3	5.3
0-1	deep	14	47.6	2.4

(b) by cast for all depths

Casts(s) 114--	No. in sample	S_B-S_{CTD} mean (ppm)	S_B-S_{CTD} std.dev. (ppm)
1	7	27.0	3.9
2	10	36.0	7.0
3	10	45.0	3.6
4-10	40	50.5	4.8
11-20	21	52.3	4.8
21-30	26	51.2	4.3
31-40	30	49.1	5.0
41-50	25	46.4	4.8
51-58	23	50.3	4.3
4-58	165	49.9	5.1
59	5	-18.2	1.5
60	5	-18.6	1.8
61	4	-24.2	3.1
59-61	14	-20.1	3.4

TABLE 5

Oxygen calibration constants on Cruise 164

Cast 114--	C*10^3	ALPHA (°C^{-1})	BETA*10^3 (DBAR^{-1})	No. in sample	Std. Dev. of O_B-O_{CTD} (ml/l)
01	1.796	-0.0469	0.1182	7	0.07
02	1.724	-0.0383	0.1205	11	0.08
03	1.623	-0.0383	0.1239	9	0.03
04	1.598	-0.0385	0.1372	10	0.09
05	1.461	-0.0332	0.1643	9	0.09
06	1.546	-0.0307	0.1807	11	0.09
07	1.409	-0.0319	0.2021	7	0.07
08	1.087	-0.0165	0.3428	8	0.10
09	1.45*[1]	-0.033*[1]	0.15*[1]	8	0.32
10	1.45*[1]	-0.033*[1]	0.15*[1]	8	0.36
11	1.459	-0.0331	0.1508	12	0.12
12	1.503	-0.0358	0.1478	10	0.14
13	1.562	-0.0383	0.1405	10*[2]	0.13
14	1.659	-0.0405	0.1167	11	0.11
15	1.555	-0.0363	0.1350	12	0.17
16	1.593	-0.0390	0.1291	6	0.10
17	1.463	-0.0327	0.1530	6*[2]	0.14
18	1.578	-0.0397	0.1317	6	0.09
19	1.586	-0.0387	0.1327	6	0.08
20	1.501	-0.0357	0.1443	6	0.11
21	1.596	-0.0411	0.1255	6	0.08
22	1.704	-0.0456	0.1080	7*[2]	0.07
23	1.621	-0.0427	0.1234	6*[2]	0.08
24	1.688	-0.0484	0.1118	5	0.01
25	1.661	-0.0463	0.1212	6	0.16
26	1.667	-0.0460	0.1109	6	0.13
27	1.686	-0.0489	0.1106	5	0.07
28	1.685	-0.0538	0.1133	6	0.05
29	1.651	-0.0475	0.1172	6*[2]	0.08
30	1.65*[1,3]	-0.0475*[1]	0.117*[1]	3	-
31	1.891	-0.0743	0.0883	5	0.03
32	1.745	-0.0548	0.0984	6	0.09
33	1.743	-0.0619	0.09[1]	6	0.13
34	1.719	-0.0671	0.0736	5	0.02
35	1.450	-0.0434	0.0587	7	0.06
36	1.125	-0.0256	0.0687	7	0.10
37	1.049	-0.0237	0.0755	7	0.09
38	0.966	-0.0141	0.0792	6	0.10
39	0.933	-0.0119	0.0869	6[2]	0.07
40	0.815	+0.0131	0.1177	5	0.17

TABLE 5 (Continued)

Oxygen calibration constants on Cruise 164

Cast 114--	$C*10^3$	ALPHA ($°C^{-1}$)	$BETA*10^3$ ($DBAR^{-1}$)	No. in sample	Std. Dev. of O_B-O_{CTD} (ml/l)
41	0.735	+0.0669	0.1312	6[2]	0.02
42	0.767	+0.0221	0.1149	6	0.09
43	0.717	+0.0759	0.1260	10[2]	0.13
44	0.878	-0.0061	0.0632	8[2]	0.15
45	0.851	-0.0149	0.0608	8	0.14
46	0.770	+0.0034	0.0737	7	0.09
47	0.552	+0.1217	0.1466	9[2]	0.18
48	0.512	+0.1211	0.1507	7	0.22
49	0.511	+0.0676	0.1325	6	0.04
50	0.448	+0.1125	0.1451	7	0.20
51	0.432	-0.0185	0.0967	4[2]	0.01
52	0.762	-0.0206	0.0481	6	0.09
53	0.713	-0.0209	0.0748	6	0.04
54	0.827	-0.0266	0.0342	6	0.10
55	0.725	-0.0230	0.0698	6	0.02
56	0.769	-0.0242	0.0640	6	0.11
57	0.767	-0.0249	0.0516	6	0.06
58	0.753	-0.0222	0.0596	6	0.06
59	0.653	-0.0198	0.0980	6	0.04
60	0.756	-0.0178	0.0953	6	0.02
61	0.744	-0.0118	0.1117	6	0.10

Notes:

[1] - Arbitrarily chosen constants used from surrounding casts, because least squares fit useless

[2] - One or more sample values have been patched in or modified

[3] - Oxygen sensor failed at 400m. After applying the constants shown, 0.5 ml/l was arbitrarily subtracted to bring oxygen profile into agreement with previous and following casts

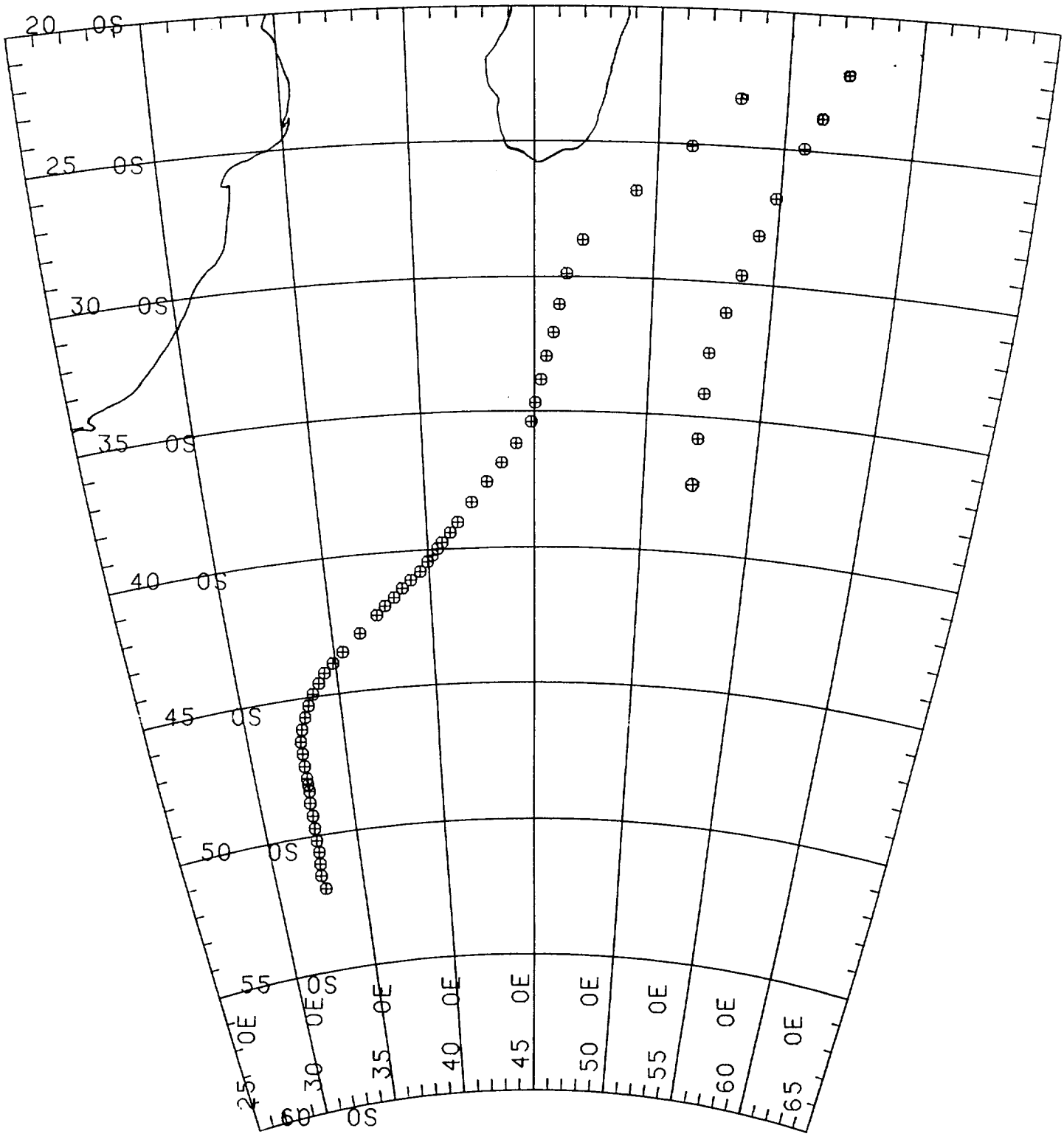


Fig. 1 Positions of CTD casts on Cruise 164. Cast 11401 is the northernmost cast, cast 11450 the southernmost on the western leg. The remaining casts run north from 11451 to 11461 on the eastern leg

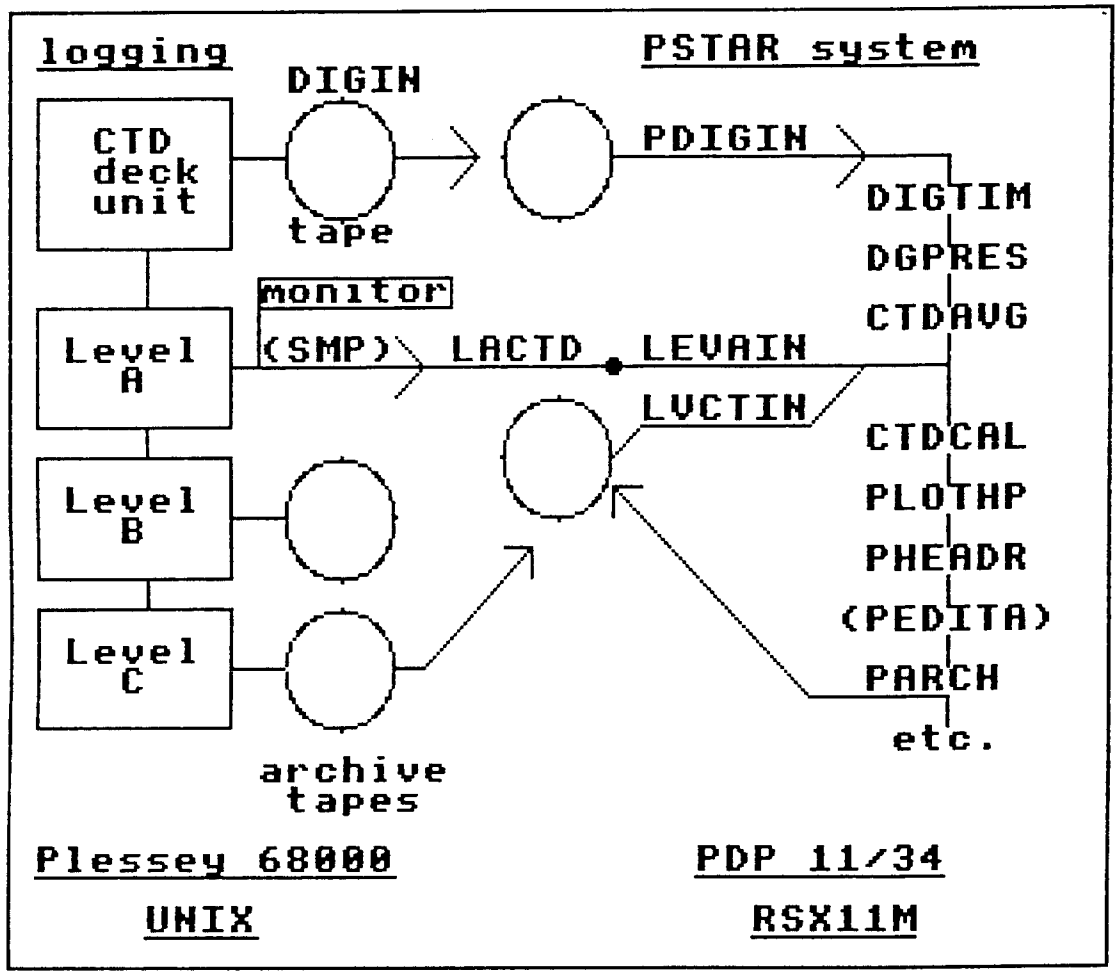


Fig. 2 Flow diagram for CTD and SeaSoar data collection and processing through two computer systems

Fig. 3a Potential temperature contour plot for casts 11401-20 plotted against depth and distance along track. The small unannotated ticks on the x-axis mark the cast positions. Precision echosounder depths, corrected for Carter Area, are also shown

Fig. 3b Salinity contour plot for casts 11401-20

Fig. 3c Oxygen contour plot for casts 11401-20

Fig. 3d Density contour plot for casts 11401-20 Sigma 0 is used for the top 1000m, Sigma 2 for 1000-3000m and Sigma 4 below 3000m

Fig. 4a Potential temperature contour plot for casts 11415-50

Fig. 4b Salinity contour plot for casts 11415-50

Fig. 4c Oxygen contour plot for casts 11415-50

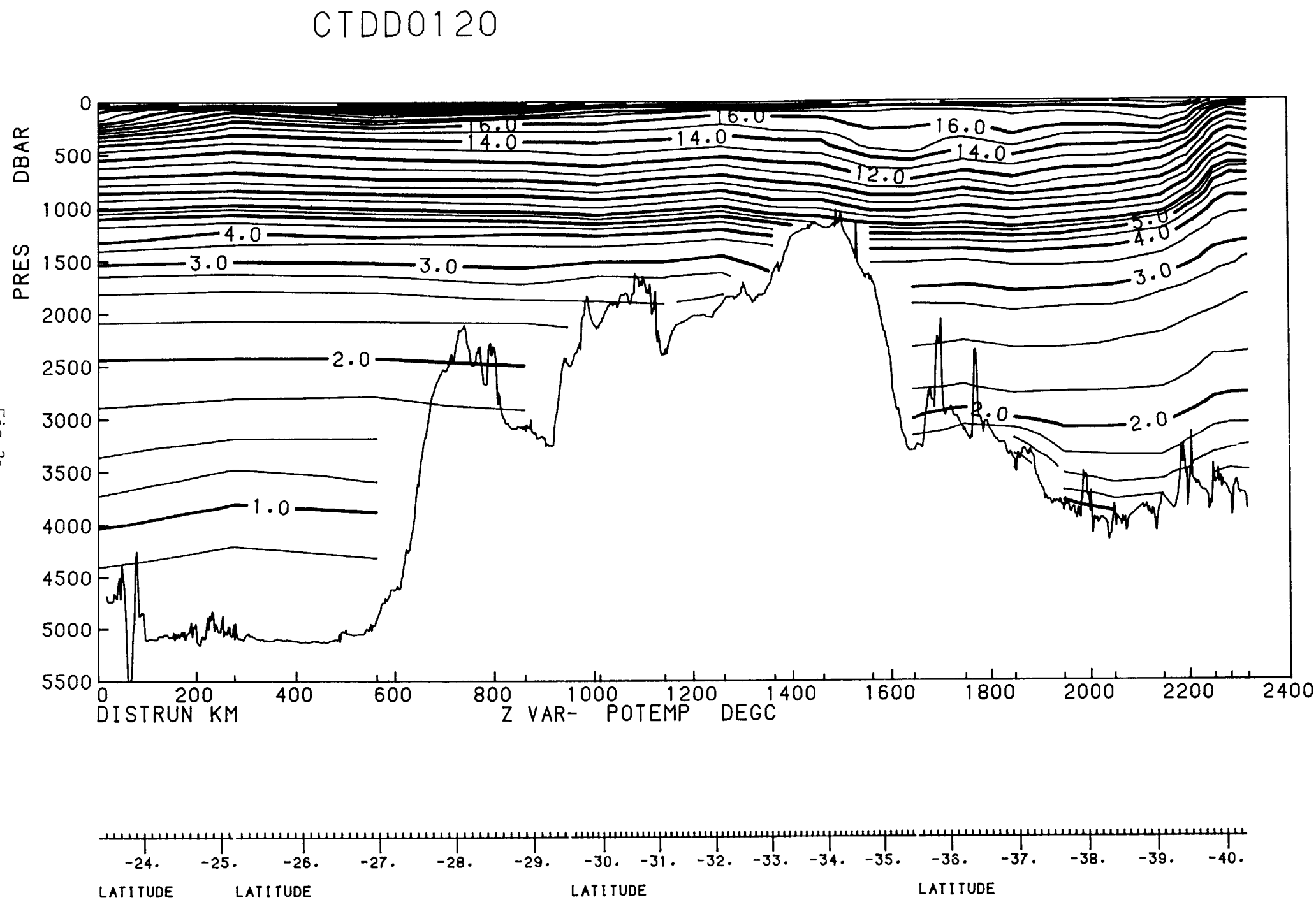
Fig. 4d Density contour plot for casts 11415-50 Sigma 0 is used for the top 1000m, Sigma 2 for 1000-3000m and Sigma 4 below 3000m

Fig. 5a Potential temperature contour plot for casts 11451-61

Fig. 5b Salinity contour plot for casts 11451-61

Fig. 5c Oxygen contour plot for casts 11451-61

Fig. 5d Density contour plot for casts 11451-61 Sigma 0 is used for the top 1000m, Sigma 2 for 1000-3000m and Sigma 4 below 3000m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2500
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3500
4000
4500
5000
5500
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12.0
4.0
3.0
2.0
1.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
DISTRUN KM
Z VAR- POTEMP DEGC
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-25.
-26.
-27.
-28.
-29.
-30.
-31.
-32.
-33.
-34.
-35.
-36.
-37.
-38.
-39.
-40.
LATITUDE
LATITUDE
LATITUDE
LATITUDE

Fig.3a

CTDD0120

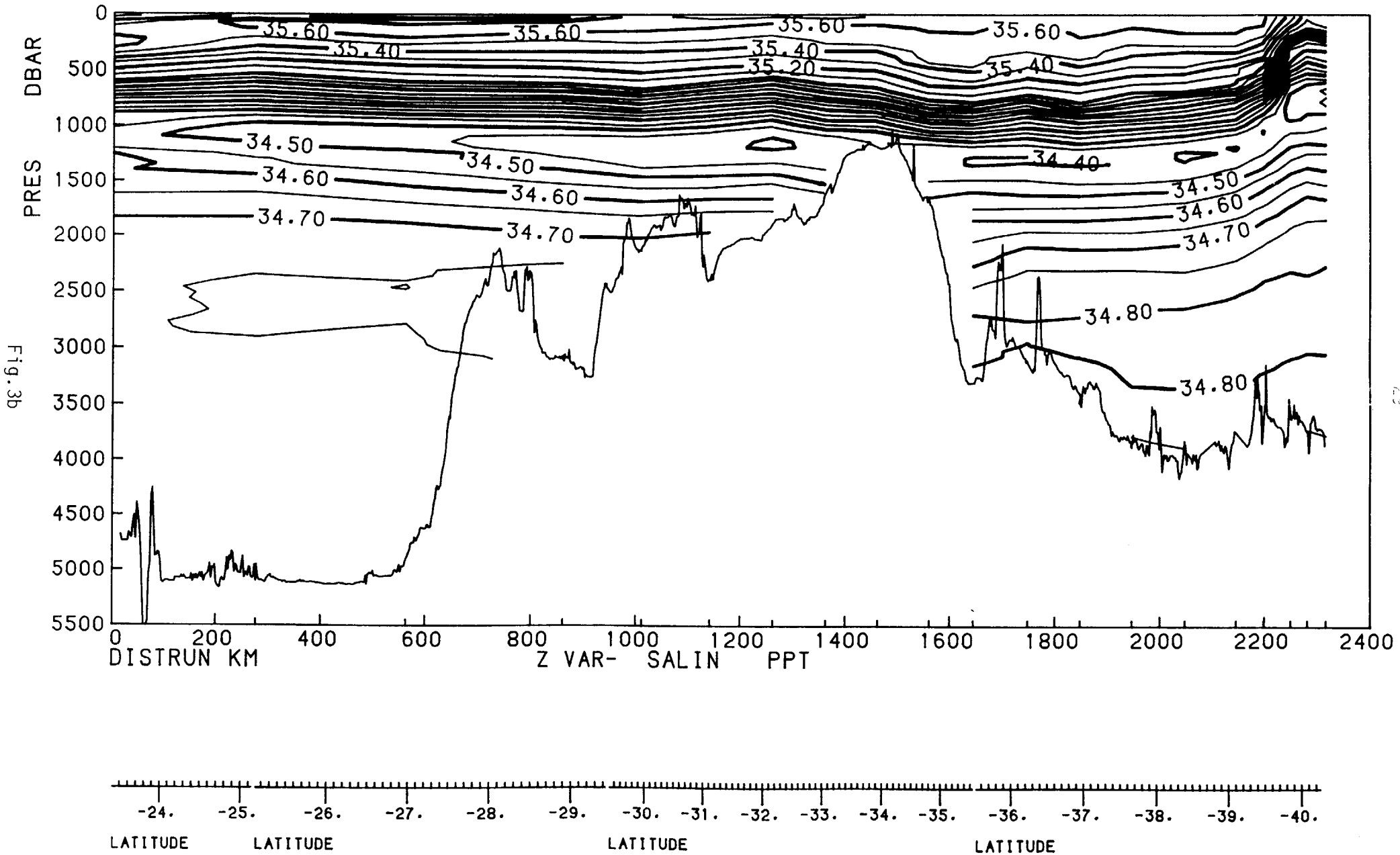
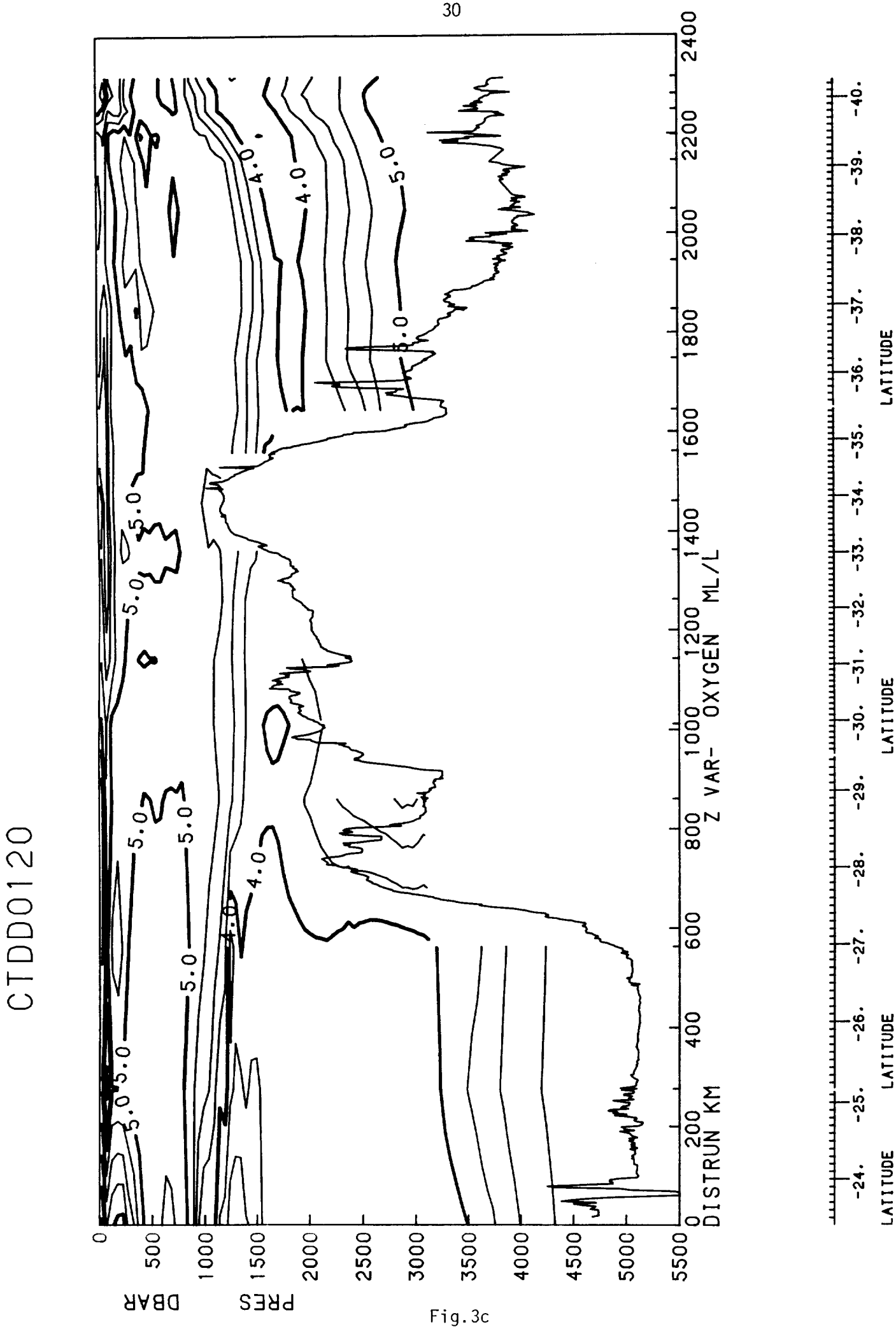


Fig.3b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4000
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5500
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0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
Z VAR- OXYGEN ML/L
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4.0
LATITUDE
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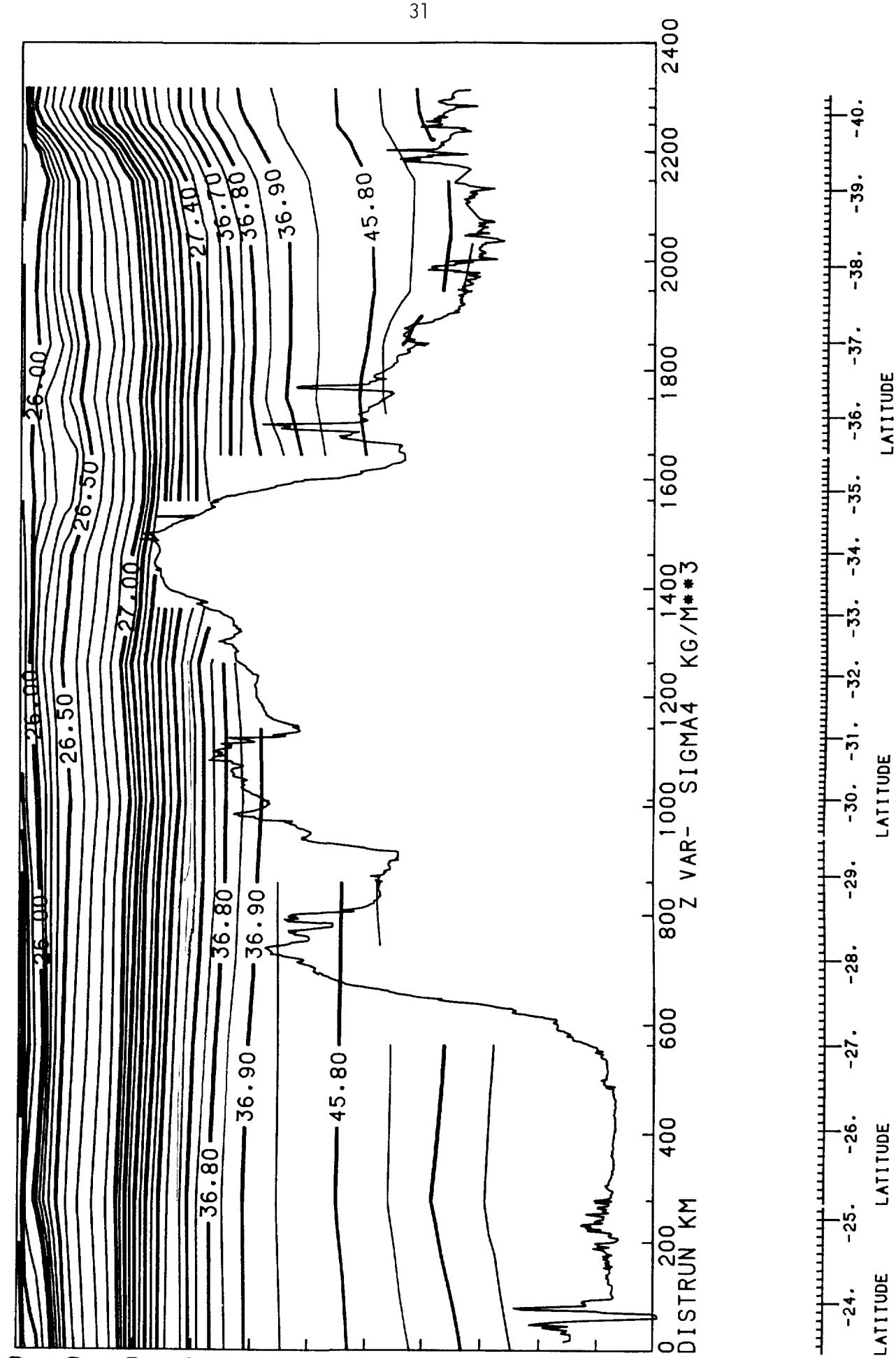
-40.

Fig.3c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5500
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400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
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27.00
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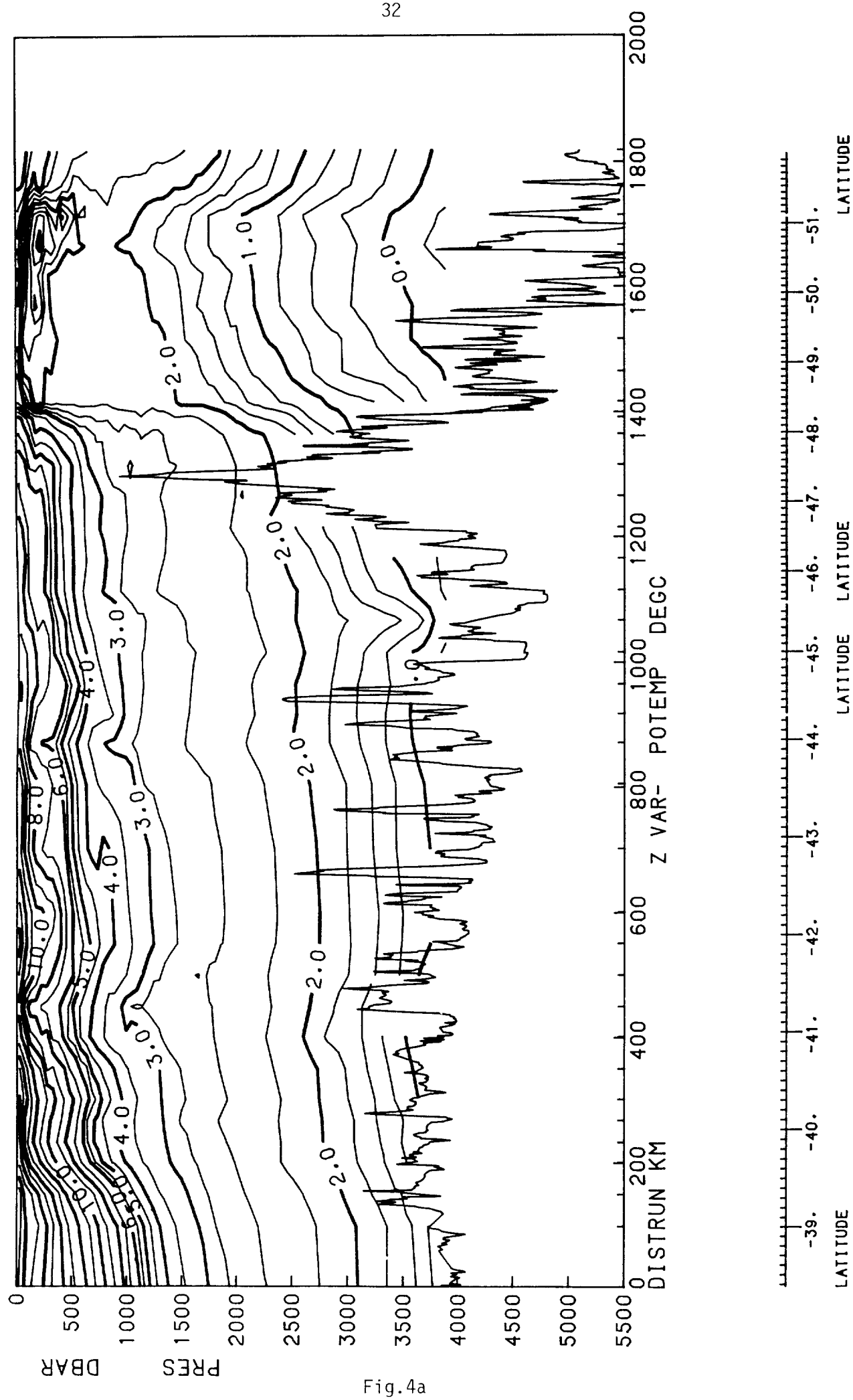
Fig.3d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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
DISTRUN KM
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200
400
600
800
1000
1200
1400
1600
1800
2000
Z VAR- POTEMP DEGC
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6.0
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4.0
3.0
2.0
1.0
0.0
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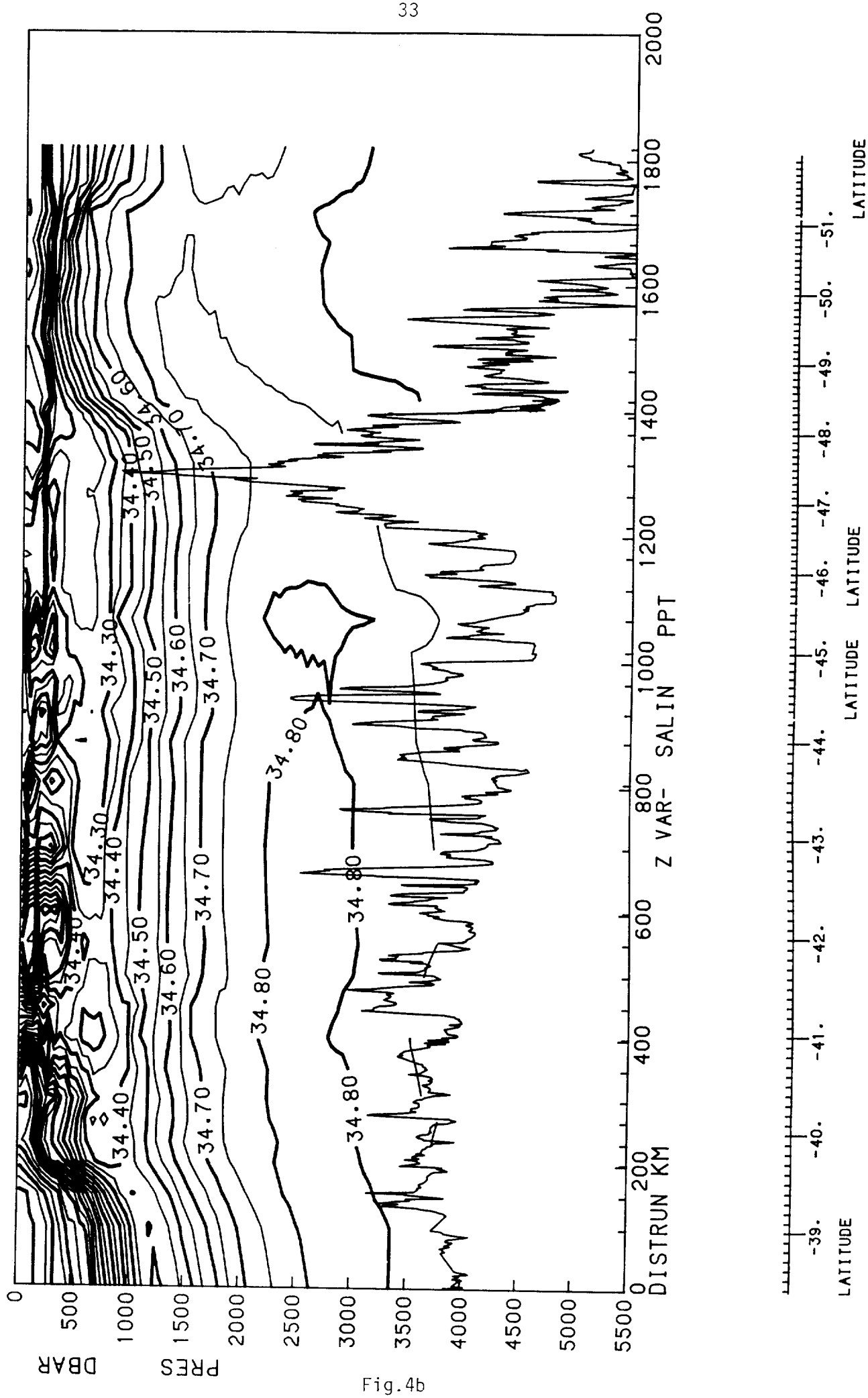
-50.
-51.
LATITUDE

Fig.4a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600
800
1000
1200
1400
1600
1800
2000
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-49.
-50.
-51.

Fig.4b

CTDD1550

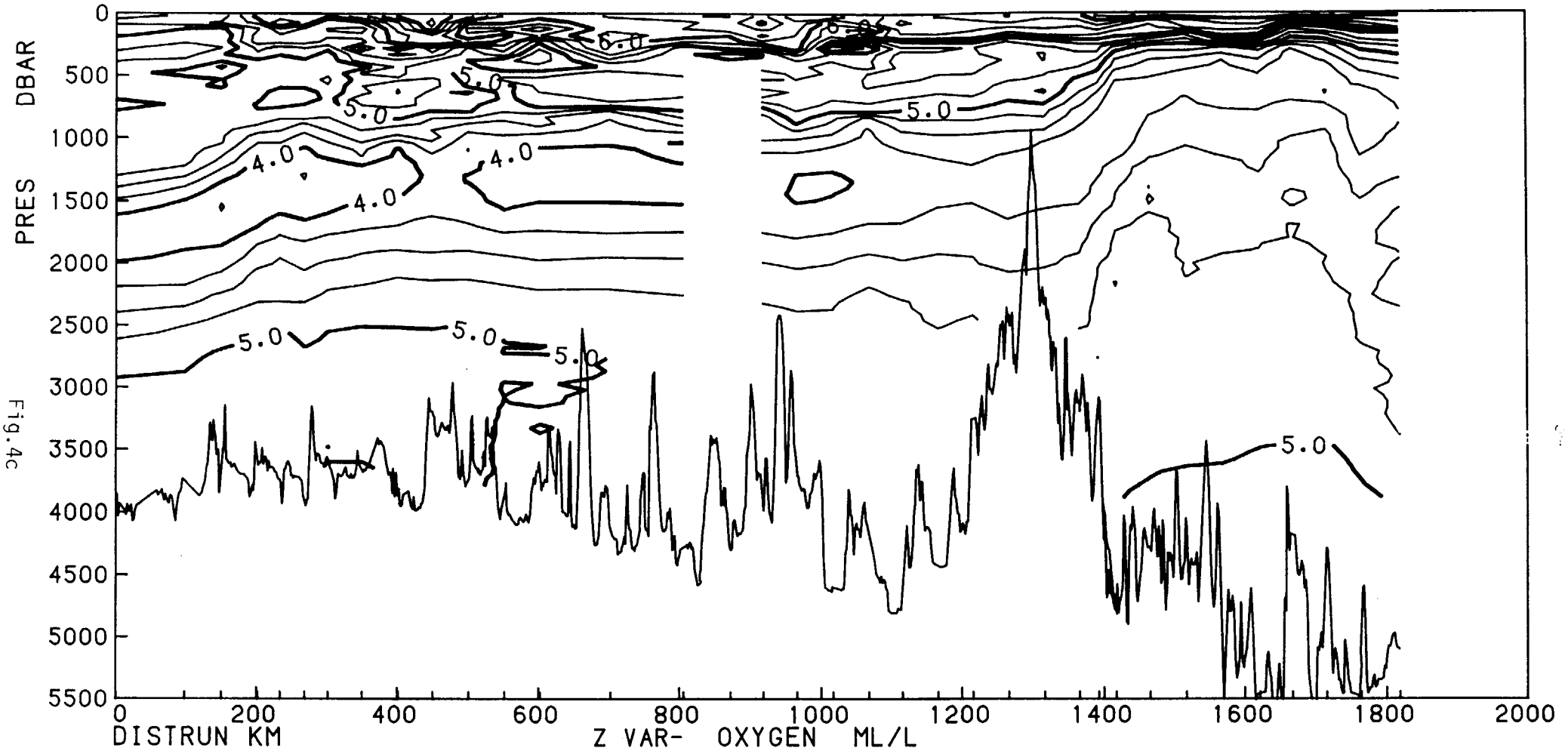
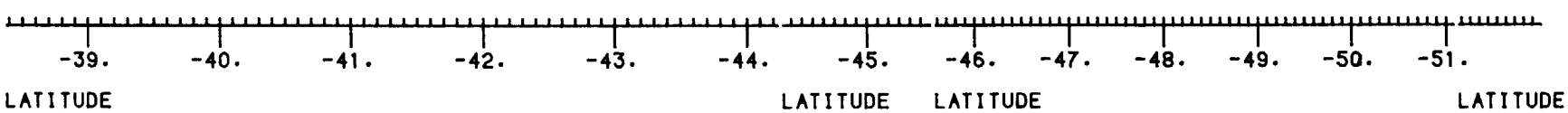
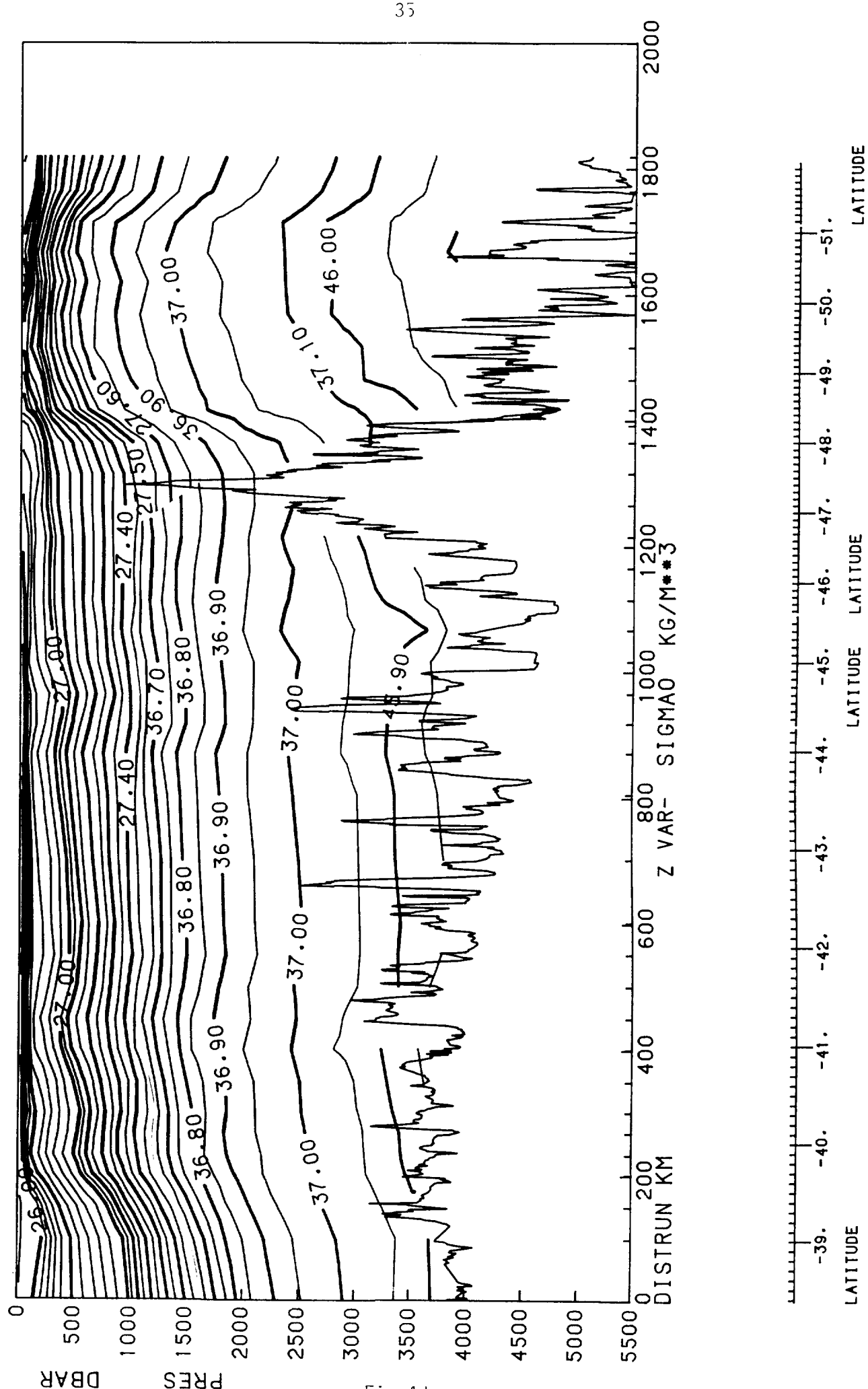


Fig. 4c

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1500
2000
2500
3000
3500
4000
4500
5000
5500
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200
400
600
800
1000
1200
1400
1600
1800
2000
DISTRUN KM
Z VAR- SIGMAO KG/M**3
26.00
27.00
27.40
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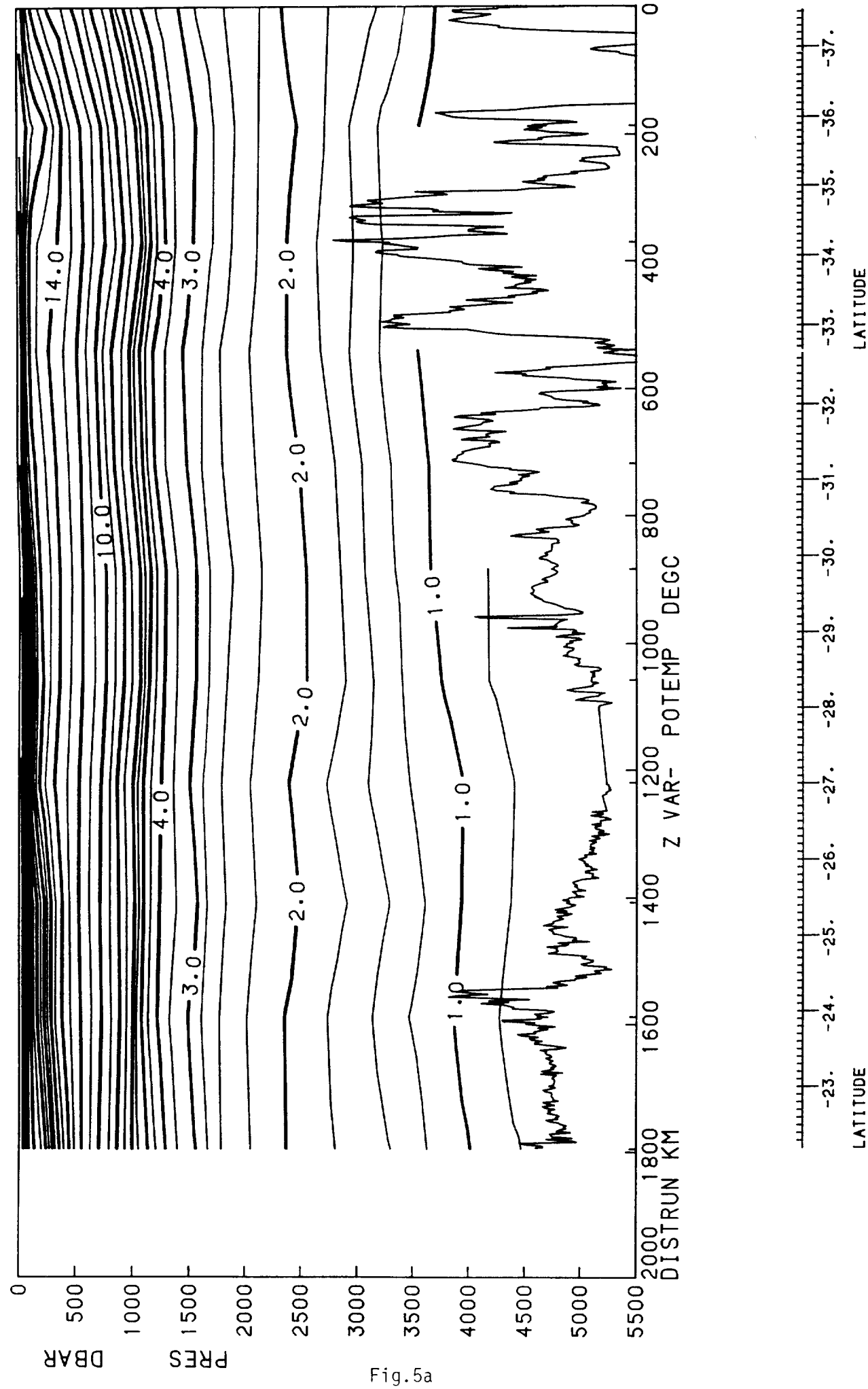
-50.
-51.

Fig.4d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2000
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3000
3500
4000
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5000
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3.0
2.0
1.0
1800
1600
1400
1200
1000
800
600
400
200
0
DISTRUN KM
Z VAR- POTEMP DEGC
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-24.
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-26.
-27.
-28.
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-31.
-32.
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-34.
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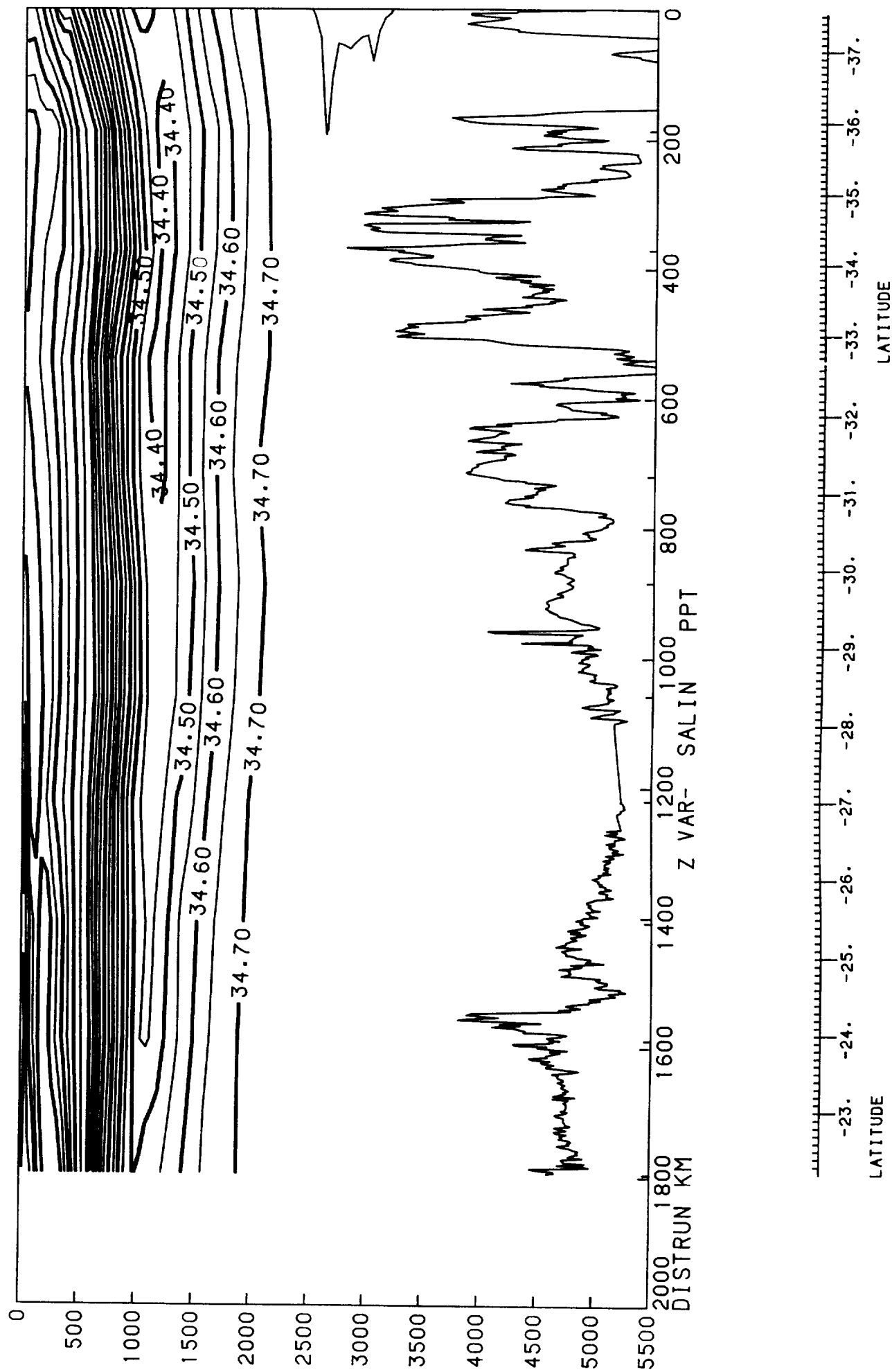
-37.
LATITUDE
LATITUDE

Fig.5a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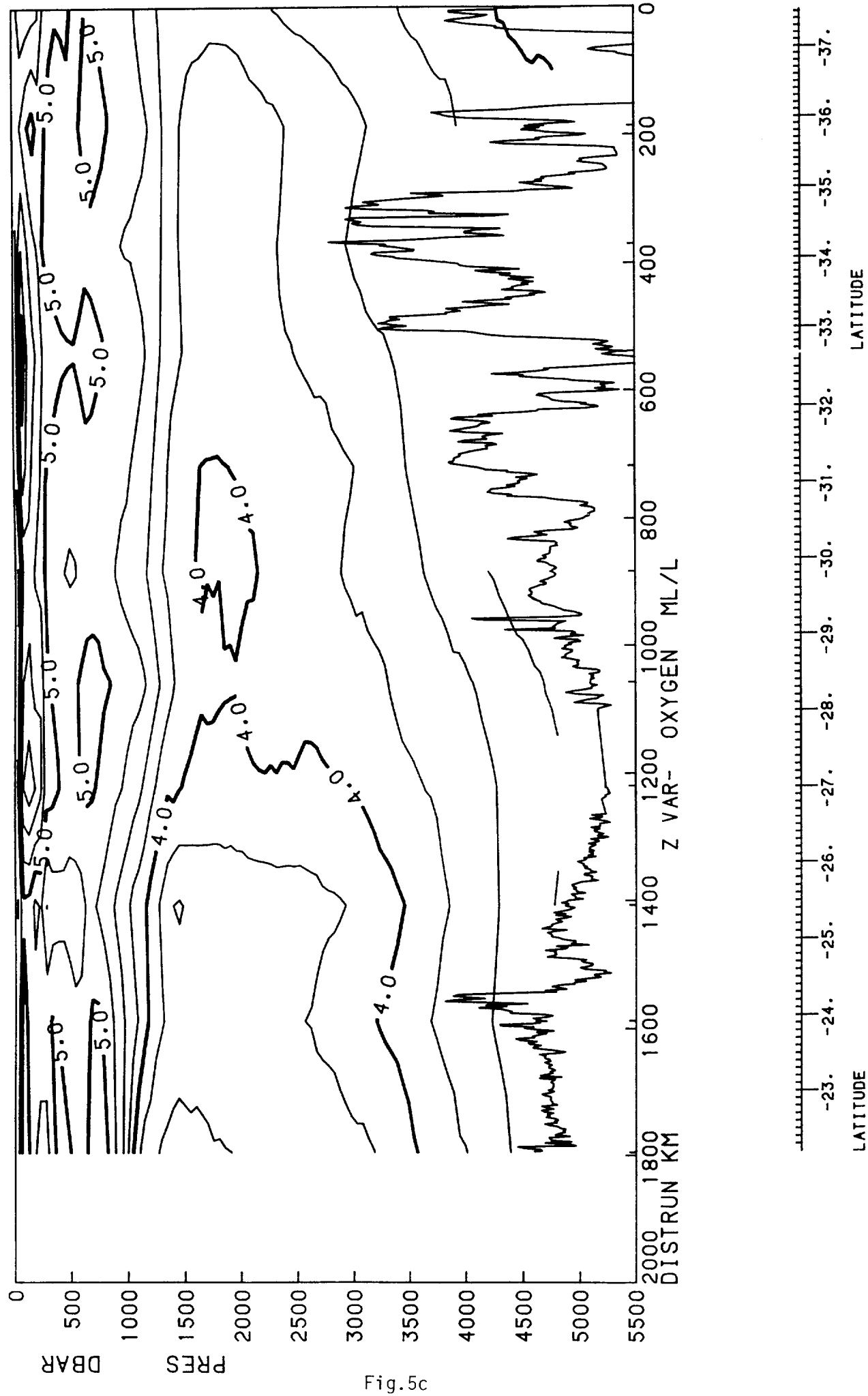
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
DISTRUN KM
1800
1600
1400
1200
1000
800
600
400
200
0
Z VAR- SALIN PPT
34.40
34.50
34.60
34.70
LATITUDE
-23.
-24.
-25.
-26.
-27.
-28.
-29.
-30.
-31.
-32.
-33.
-34.
-35.
-36.
-37.
LATITUDE

Fig.5b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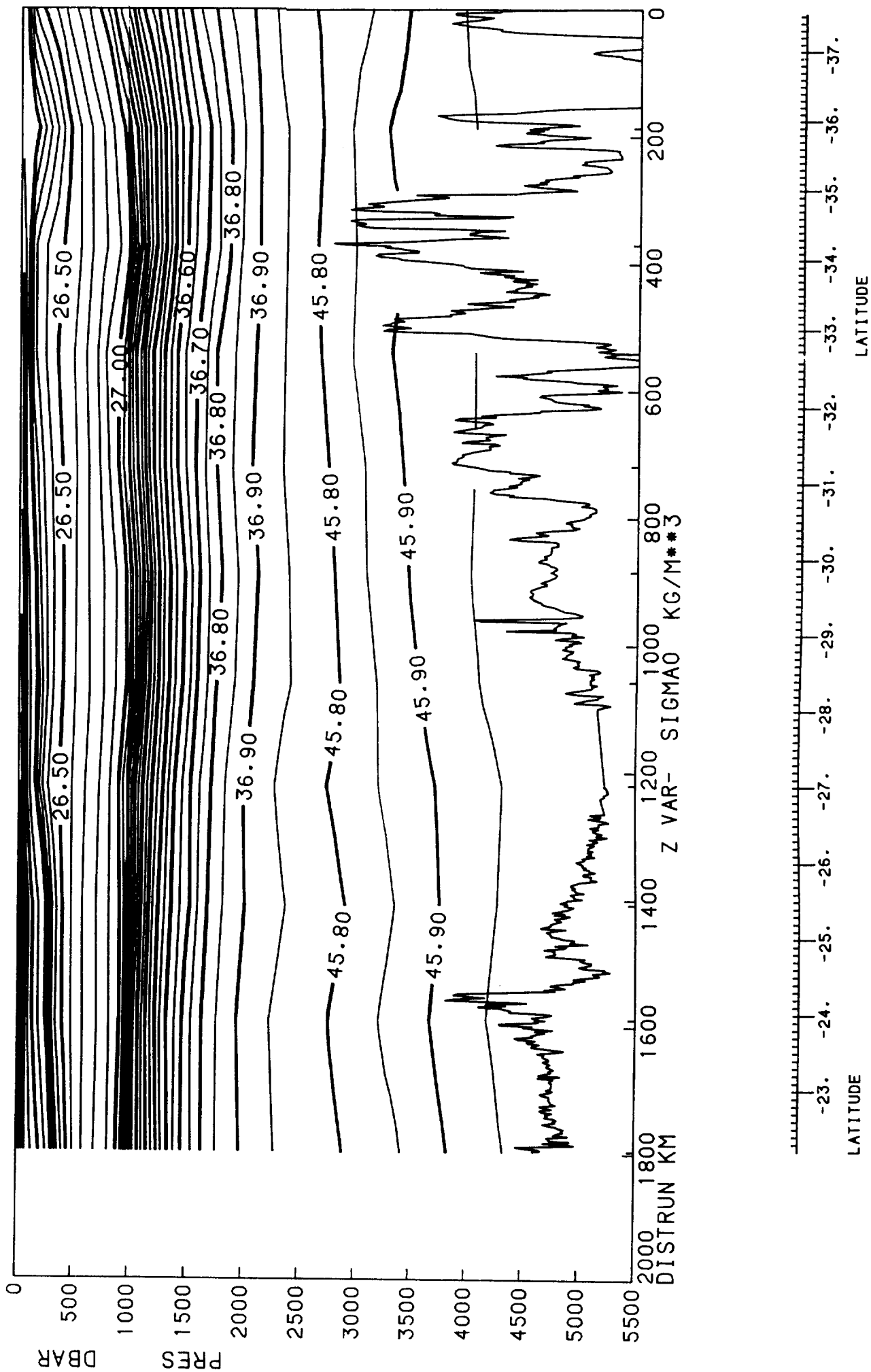
PRES DBAR
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
DISTRUN KM
1800
1600
1400
1200
1000
800
600
400
200
0
Z VAR- OXYGEN ML/L
5.0
4.0
LATITUDE
-23.
-24.
-25.
-26.
-27.
-28.
-29.
-30.
-31.
-32.
-33.
-34.
-35.
-36.
-37.
LATITUDE

Fig.5c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PRES DBAR
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5500
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27.00
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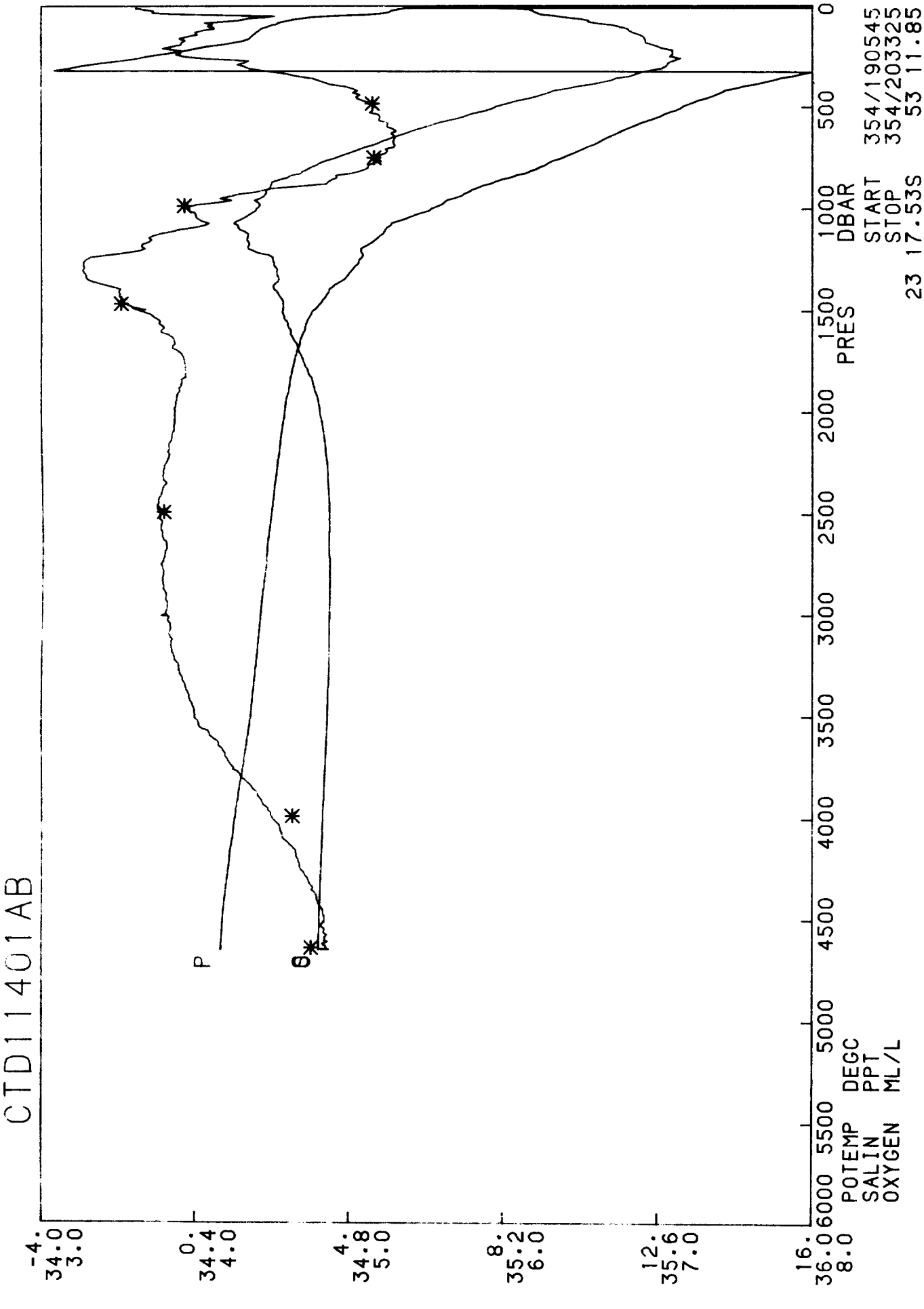
36.70
36.80
36.90
45.80
45.90
DISTRUN KM
1800
1600
1400
1200
1000
800
600
400
200
0
Z VAR- SIGMAO KG/M**3
LATITUDE
-23.
-24.
-25.
-26.
-27.
-28.
-29.
-30.
-31.
-32.
-33.
-34.
-35.
-36.
-37.

Fig.5d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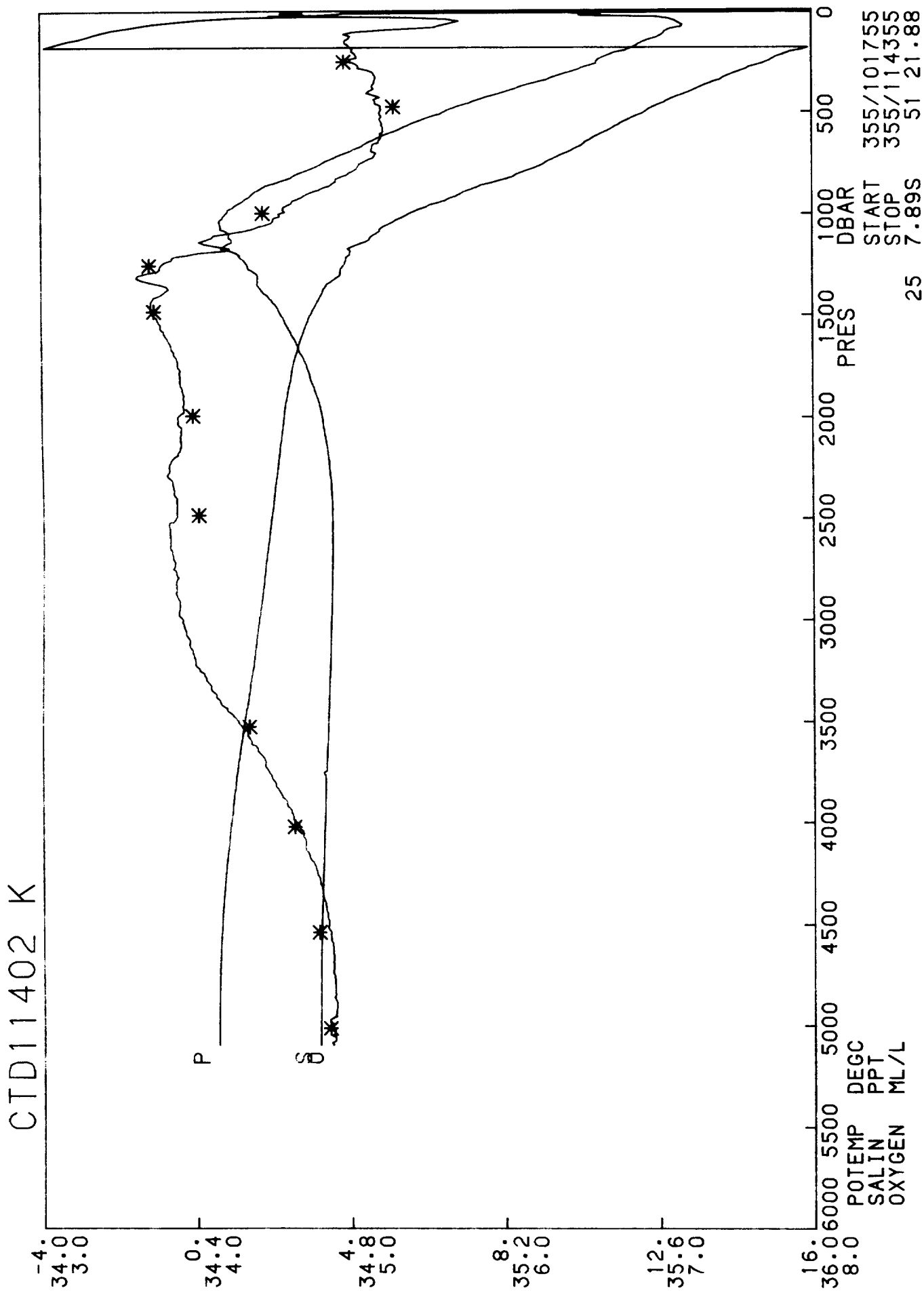
35.6
7.0
16.
36.0
8.0
6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
P
θ
START 354/190545
STOP 354/203325
23 17.53S 53 11.85

DISCOVERY 164 STATION 11401

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	25.167	35.271	3.69	25.163	23.498	31.800	39.748	0.090	1535.4	20.	438.84	-999.000
40.	24.588	35.296	3.97	24.579	23.694	32.011	39.972	0.176	1534.4	40.	421.02	5.569
60.	22.771	35.378	4.34	22.759	24.292	32.657	40.663	0.254	1530.3	60.	364.83	9.724
80.	22.197	35.427	4.09	22.181	24.493	32.874	40.895	0.325	1529.2	79.	346.42	5.652
100.	21.901	35.497	4.10	21.881	24.630	33.019	41.047	0.393	1528.8	99.	334.18	4.660
120.	21.673	35.526	4.04	21.649	24.717	33.112	41.146	0.459	1528.6	119.	326.72	3.712
140.	21.536	35.551	4.00	21.508	24.775	33.174	41.212	0.524	1528.6	139.	322.03	3.029
160.	21.408	35.566	3.91	21.377	24.823	33.225	41.266	0.588	1528.6	159.	318.29	2.755
180.	20.962	35.571	3.91	20.928	24.950	33.365	41.419	0.650	1527.7	179.	306.93	4.499
200.	20.282	35.601	3.83	20.244	25.156	33.592	41.664	0.710	1526.2	199.	287.92	5.740
220.	19.721	35.638	3.91	19.680	25.334	33.786	41.874	0.766	1525.1	218.	271.69	5.321
240.	19.044	35.635	3.89	19.001	25.507	33.980	42.088	0.819	1523.5	238.	255.77	5.272
260.	18.423	35.654	4.14	18.378	25.680	34.172	42.299	0.868	1522.1	258.	239.92	5.258
280.	17.561	35.626	4.31	17.513	25.872	34.393	42.546	0.915	1519.9	278.	222.05	5.569
300.	16.898	35.617	4.33	16.848	26.025	34.568	42.742	0.958	1518.2	298.	208.01	4.960
320.	16.257	35.573	4.47	16.205	26.142	34.708	42.903	0.998	1516.5	318.	197.25	4.371
340.	15.701	35.535	4.63	15.647	26.241	34.827	43.040	1.037	1515.1	338.	188.25	4.017
360.	15.163	35.486	4.78	15.108	26.323	34.929	43.161	1.073	1513.7	357.	180.77	3.686
380.	14.727	35.443	4.86	14.669	26.387	35.009	43.256	1.109	1512.6	377.	175.10	3.246
400.	14.198	35.381	4.99	14.139	26.453	35.095	43.361	1.143	1511.2	397.	169.10	3.327
450.	13.393	35.275	5.05	13.329	26.540	35.213	43.509	1.226	1509.3	447.	161.77	2.430
500.	12.688	35.176	5.16	12.619	26.606	35.308	43.631	1.305	1507.6	496.	156.26	2.155
550.	12.064	35.089	5.20	11.991	26.660	35.388	43.735	1.382	1506.2	546.	151.87	1.964
600.	11.349	34.988	5.26	11.272	26.717	35.475	43.850	1.457	1504.5	595.	146.97	2.039
700.	10.211	34.835	5.26	10.127	26.802	35.609	44.030	1.600	1501.9	694.	139.89	1.783
800.	8.981	34.695	5.11	8.892	26.897	35.760	44.232	1.736	1498.9	793.	131.11	1.917
900.	7.367	34.589	4.49	7.277	27.056	35.994	44.536	1.860	1494.4	892.	114.95	2.461
1000.	6.208	34.558	3.96	6.116	27.189	36.181	44.775	1.968	1491.5	991.	101.60	2.240
1100.	5.027	34.516	3.90	4.934	27.300	36.351	45.000	2.063	1488.3	1090.	89.59	2.119
1200.	4.400	34.546	3.65	4.303	27.393	36.475	45.154	2.148	1487.5	1189.	80.23	1.879
1300.	4.166	34.613	3.27	4.063	27.472	36.565	45.254	2.225	1488.2	1288.	73.24	1.644
1400.	3.577	34.611	3.51	3.471	27.530	36.655	45.373	2.295	1487.4	1386.	66.74	1.585
1500.	3.153	34.627	3.65	3.044	27.583	36.730	45.469	2.359	1487.3	1485.	61.08	1.480
1600.	2.939	34.648	3.78	2.823	27.620	36.779	45.528	2.418	1488.1	1584.	57.53	1.206
1700.	2.758	34.671	3.89	2.636	27.655	36.823	45.581	2.474	1489.0	1682.	54.28	1.159
1800.	2.634	34.694	3.93	2.505	27.685	36.859	45.624	2.527	1490.2	1781.	51.64	1.060
1900.	2.546	34.713	3.89	2.410	27.708	36.888	45.657	2.577	1491.5	1879.	49.68	0.944
2000.	2.456	34.724	3.87	2.312	27.725	36.910	45.684	2.626	1492.8	1978.	48.25	0.837
2100.	2.382	34.733	3.85	2.231	27.739	36.928	45.707	2.674	1494.2	2076.	47.16	0.764
2200.	2.323	34.739	3.83	2.164	27.749	36.942	45.723	2.720	1495.7	2175.	46.51	0.654
2300.	2.256	34.744	3.79	2.089	27.759	36.956	45.741	2.766	1497.1	2273.	45.74	0.681
2400.	2.194	34.746	3.77	2.019	27.767	36.967	45.756	2.812	1498.5	2371.	45.24	0.609
2500.	2.133	34.747	3.76	1.949	27.773	36.977	45.769	2.857	1499.9	2470.	44.79	0.587
2600.	2.077	34.746	3.78	1.886	27.777	36.985	45.781	2.901	1501.4	2568.	44.55	0.525
2700.	2.037	34.747	3.79	1.837	27.782	36.992	45.791	2.946	1502.9	2666.	44.31	0.516
2800.	2.005	34.749	3.79	1.797	27.787	36.999	45.800	2.990	1504.4	2764.	44.14	0.494
2900.	1.954	34.749	3.81	1.737	27.791	37.007	45.810	3.034	1505.9	2862.	43.84	0.533
3000.	1.916	34.748	3.82	1.690	27.794	37.013	45.819	3.078	1507.5	2960.	43.72	0.471
3100.	1.874	34.747	3.83	1.639	27.797	37.018	45.827	3.122	1509.0	3058.	43.58	0.474
3200.	1.834	34.747	3.86	1.590	27.800	37.024	45.836	3.165	1510.5	3156.	43.40	0.487
3300.	1.783	34.745	3.91	1.530	27.804	37.031	45.845	3.208	1512.0	3254.	43.10	0.524
3400.	1.730	34.743	3.96	1.469	27.806	37.037	45.855	3.251	1513.5	3352.	42.82	0.513
3500.	1.693	34.742	3.99	1.422	27.809	37.042	45.862	3.294	1515.0	3449.	42.67	0.466
3600.	1.619	34.739	4.11	1.339	27.813	37.051	45.875	3.336	1516.4	3547.	42.03	0.620
3700.	1.549	34.737	4.20	1.261	27.817	37.059	45.888	3.378	1517.9	3645.	41.41	0.608
3800.	1.481	34.735	4.31	1.184	27.820	37.067	45.900	3.419	1519.3	3742.	40.76	0.613
3900.	1.403	34.733	4.42	1.097	27.824	37.076	45.914	3.460	1520.7	3840.	39.98	0.648
4000.	1.331	34.731	4.51	1.017	27.828	37.084	45.926	3.499	1522.1	3938.	39.28	0.620
4100.	1.278	34.729	4.58	0.954	27.830	37.090	45.936	3.538	1523.6	4035.	38.81	0.552
4200.	1.212	34.727	4.67	0.879	27.834	37.098	45.947	3.577	1525.0	4133.	38.11	0.615
4300.	1.153	34.725	4.73	0.811	27.837	37.105	45.958	3.614	1526.5	4230.	37.50	0.585
4400.	1.103	34.722	4.79	0.751	27.838	37.110	45.966	3.652	1528.0	4327.	37.05	0.536
4500.	1.060	34.721	4.84	0.698	27.840	37.115	45.974	3.688	1529.5	4425.	36.63	0.523
4600.	1.036	34.719	4.84	0.664	27.842	37.118	45.979	3.725	1531.2	4522.	36.50	0.416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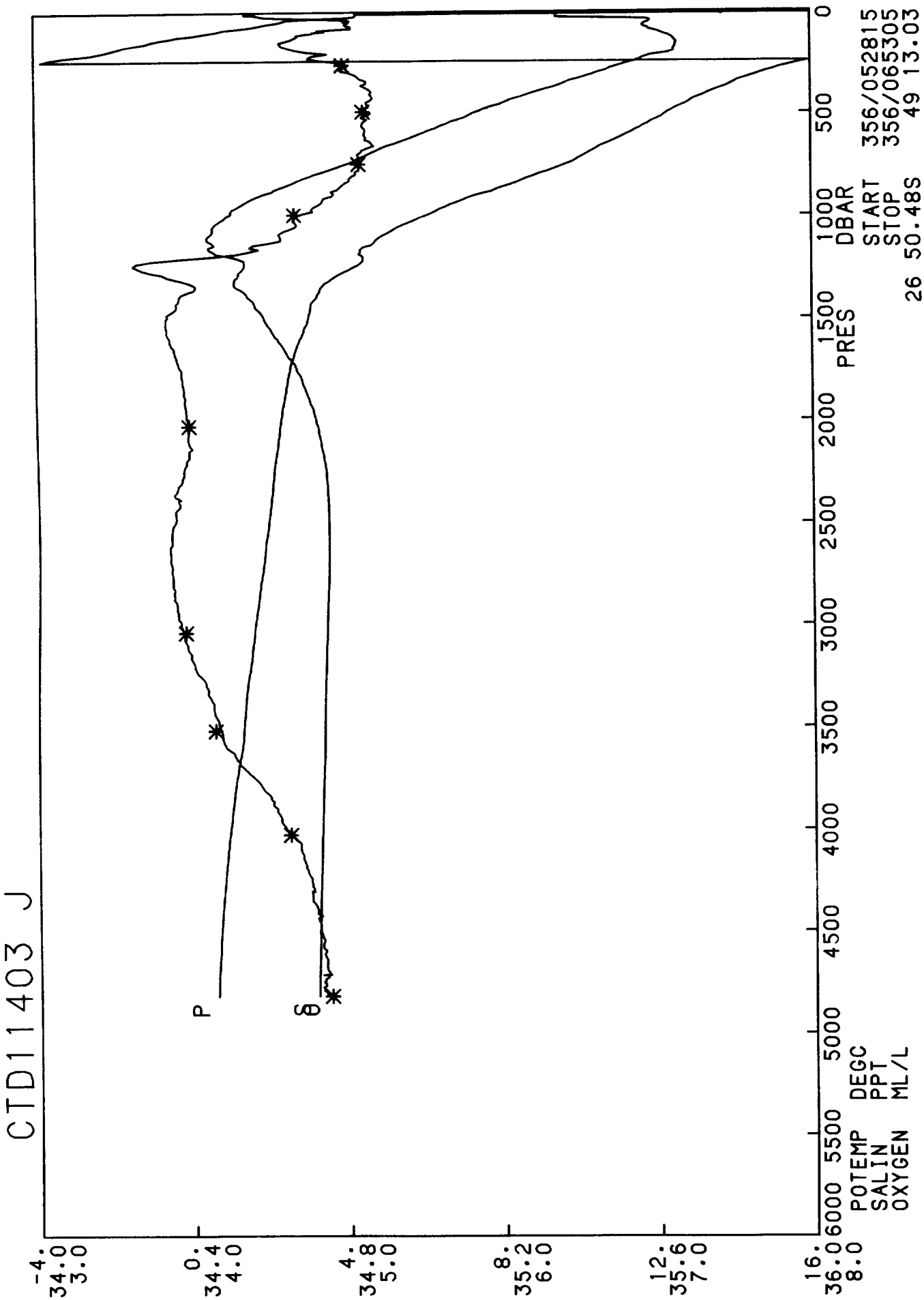
35.6
7.0
16.
36.0
8.0
6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 355/101755
STOP 355/114355
25 7.89S 51 21.88

DISCOVERY 164 STATION 11402

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	23.219	35.428	4.76	23.215	24.198	32.549	40.544	0.078	1530.8	20.	372.07	-999.000
40.	20.138	35.629	5.64	20.130	25.208	33.647	41.722	0.143	1523.2	40.	276.57	12.643
60.	18.946	35.655	5.66	18.936	25.539	34.014	42.124	0.195	1520.2	60.	245.79	7.242
80.	18.255	35.662	5.55	18.241	25.720	34.217	42.348	0.243	1518.6	79.	229.27	5.360
100.	17.653	35.622	5.07	17.636	25.839	34.356	42.506	0.287	1517.1	99.	218.63	4.352
120.	17.272	35.609	5.00	17.252	25.923	34.453	42.614	0.330	1516.3	119.	211.38	3.644
140.	16.820	35.583	4.99	16.797	26.011	34.557	42.732	0.372	1515.3	139.	203.59	3.761
160.	16.383	35.555	4.99	16.357	26.093	34.654	42.844	0.412	1514.2	159.	196.43	3.620
180.	16.016	35.536	5.02	15.988	26.163	34.737	42.940	0.450	1513.4	179.	190.32	3.363
200.	15.620	35.504	5.03	15.588	26.230	34.818	43.034	0.488	1512.5	199.	184.53	3.283
220.	15.238	35.469	5.05	15.204	26.289	34.891	43.120	0.524	1511.6	218.	179.49	3.084
240.	15.000	35.447	5.01	14.964	26.326	34.937	43.174	0.560	1511.2	238.	176.56	2.444
260.	14.759	35.438	5.05	14.720	26.372	34.992	43.237	0.595	1510.7	258.	172.74	2.729
280.	14.405	35.404	5.07	14.363	26.423	35.057	43.315	0.629	1509.9	278.	168.33	2.900
300.	14.149	35.374	5.16	14.105	26.455	35.098	43.365	0.662	1509.3	298.	165.83	2.282
320.	13.870	35.339	5.18	13.824	26.487	35.141	43.419	0.695	1508.7	318.	163.24	2.313
340.	13.676	35.312	5.17	13.627	26.507	35.169	43.454	0.728	1508.4	338.	161.78	1.853
360.	13.373	35.268	5.16	13.323	26.536	35.210	43.506	0.760	1507.7	357.	159.50	2.194
380.	13.122	35.234	5.16	13.069	26.561	35.245	43.550	0.792	1507.1	377.	157.51	2.071
400.	12.886	35.200	5.12	12.830	26.583	35.276	43.591	0.823	1506.7	397.	155.84	1.939
450.	12.245	35.116	5.17	12.184	26.644	35.364	43.703	0.899	1505.2	447.	150.87	2.062
500.	11.720	35.042	5.20	11.654	26.688	35.430	43.789	0.974	1504.2	496.	147.61	1.755
550.	11.137	34.965	5.22	11.067	26.737	35.503	43.886	1.047	1502.9	546.	143.64	1.874
600.	10.652	34.902	5.21	10.579	26.775	35.563	43.966	1.118	1501.9	595.	140.65	1.679
700.	9.667	34.783	5.17	9.586	26.853	35.684	44.128	1.255	1499.9	694.	134.24	1.708
800.	8.452	34.661	4.99	8.366	26.953	35.839	44.334	1.385	1496.9	793.	124.93	1.953
900.	6.944	34.546	4.71	6.856	27.081	36.039	44.600	1.504	1492.7	892.	111.75	2.242
1000.	5.588	34.476	4.55	5.500	27.200	36.224	44.847	1.609	1488.9	991.	99.01	2.185
1100.	4.715	34.487	4.13	4.625	27.311	36.378	45.043	1.702	1487.0	1090.	87.64	2.058
1200.	4.075	34.515	3.92	3.982	27.402	36.502	45.196	1.786	1486.1	1189.	78.40	1.861
1300.	3.836	34.563	3.62	3.736	27.465	36.577	45.282	1.861	1486.8	1288.	72.75	1.493
1400.	3.353	34.588	3.76	3.250	27.533	36.669	45.399	1.930	1486.5	1386.	65.69	1.636
1500.	3.067	34.625	3.73	2.959	27.590	36.741	45.484	1.993	1487.0	1485.	60.17	1.460
1600.	2.871	34.653	3.81	2.756	27.630	36.792	45.545	2.051	1487.8	1584.	56.38	1.238
1700.	2.704	34.679	3.87	2.583	27.666	36.837	45.598	2.106	1488.8	1682.	52.99	1.176
1800.	2.601	34.698	3.90	2.473	27.691	36.867	45.634	2.157	1490.1	1781.	50.92	0.964
1900.	2.501	34.717	3.92	2.365	27.715	36.897	45.669	2.207	1491.3	1879.	48.83	0.964
2000.	2.425	34.730	3.88	2.282	27.732	36.918	45.694	2.255	1492.7	1978.	47.47	0.821
2100.	2.366	34.737	3.90	2.215	27.744	36.933	45.713	2.302	1494.2	2076.	46.67	0.694
2200.	2.296	34.745	3.84	2.137	27.756	36.950	45.733	2.349	1495.5	2174.	45.72	0.727
2300.	2.235	34.749	3.83	2.069	27.765	36.963	45.749	2.394	1497.0	2273.	45.08	0.648
2400.	2.177	34.752	3.87	2.003	27.773	36.974	45.764	2.439	1498.4	2371.	44.56	0.611
2500.	2.113	34.752	3.86	1.930	27.779	36.984	45.777	2.483	1499.8	2469.	44.13	0.584
2600.	2.060	34.753	3.83	1.869	27.784	36.992	45.789	2.527	1501.3	2567.	43.82	0.542
2700.	2.000	34.752	3.85	1.801	27.789	37.001	45.801	2.571	1502.7	2665.	43.46	0.555
2800.	1.954	34.751	3.86	1.746	27.792	37.007	45.810	2.614	1504.2	2764.	43.28	0.493
2900.	1.903	34.750	3.89	1.687	27.796	37.014	45.821	2.657	1505.7	2862.	43.04	0.512
3000.	1.835	34.748	3.91	1.611	27.800	37.023	45.833	2.700	1507.1	2960.	42.57	0.578
3100.	1.777	34.747	3.96	1.544	27.804	37.031	45.844	2.743	1508.6	3058.	42.18	0.551
3200.	1.724	34.746	3.99	1.482	27.808	37.038	45.855	2.785	1510.0	3155.	41.85	0.531
3300.	1.641	34.744	4.07	1.392	27.812	37.048	45.869	2.826	1511.4	3253.	41.13	0.638
3400.	1.579	34.742	4.15	1.321	27.816	37.055	45.881	2.867	1512.8	3351.	40.65	0.567
3500.	1.491	34.740	4.27	1.225	27.821	37.066	45.897	2.907	1514.2	3449.	39.77	0.675
3600.	1.419	34.738	4.36	1.144	27.825	37.074	45.909	2.947	1515.6	3547.	39.11	0.611
3700.	1.347	34.735	4.44	1.064	27.828	37.082	45.921	2.985	1517.0	3644.	38.47	0.601
3800.	1.290	34.733	4.51	0.998	27.831	37.089	45.932	3.024	1518.4	3742.	37.99	0.551
3900.	1.231	34.732	4.58	0.930	27.834	37.096	45.942	3.061	1519.9	3840.	37.41	0.579
4000.	1.176	34.730	4.65	0.866	27.837	37.102	45.952	3.099	1521.4	3937.	36.92	0.548
4100.	1.132	34.728	4.70	0.812	27.839	37.107	45.960	3.135	1522.9	4035.	36.55	0.508
4200.	1.075	34.726	4.76	0.746	27.842	37.114	45.970	3.171	1524.4	4132.	35.97	0.574
4300.	1.039	34.725	4.80	0.700	27.843	37.118	45.977	3.207	1526.0	4230.	35.67	0.475
4400.	1.004	34.723	4.83	0.655	27.845	37.122	45.983	3.243	1527.6	4327.	35.41	0.464
4500.	0.983	34.722	4.85	0.624	27.846	37.125	45.988	3.278	1529.2	4424.	35.30	0.398
4600.	0.964	34.720	4.88	0.595	27.846	37.127	45.992	3.313	1530.9	4522.	35.25	0.371
4700.	0.956	34.720	4.88	0.576	27.847	37.129	45.995	3.349	1532.6	4619.	35.31	0.316
4800.	0.954	34.719	4.89	0.562	27.847	37.130	45.997	3.384	1534.3	4716.	35.48	0.251
4900.	0.955	34.718	4.90	0.551	27.848	37.131	45.998	3.420	1536.0	4813.	35.67	0.241
5000.	0.962	34.718	4.86	0.546	27.848	37.131	45.999	3.455	1537.8	4910.	35.96	0.158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START 356/052815
STOP 356/065305
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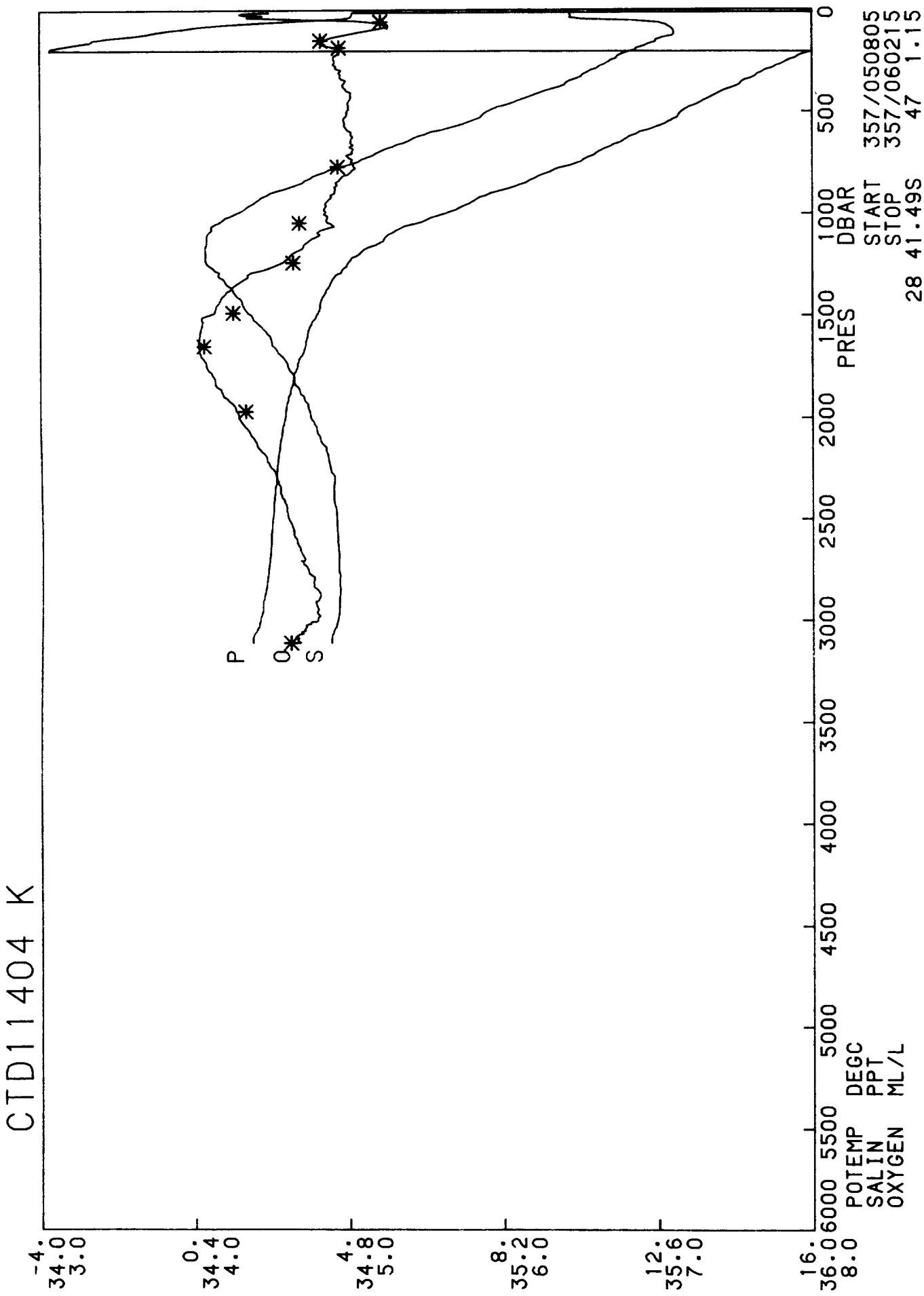
DISCOVERY 164 STATION 11403

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	24.290	35.347	4.46	24.285	23.821	32.145	40.113	0.082	1533.4	20.	408.06	-999.000
40.	22.505	35.582	5.02	22.497	24.521	32.891	40.902	0.158	1529.5	40.	342.14	10.521
60.	21.973	35.575	5.01	21.961	24.667	33.052	41.078	0.225	1528.4	60.	329.03	4.814
80.	21.235	35.582	5.05	21.220	24.878	33.285	41.330	0.289	1526.8	79.	309.69	5.787
100.	20.502	35.609	4.80	20.483	25.099	33.527	41.593	0.349	1525.2	99.	289.38	5.924
120.	19.685	35.638	4.70	19.663	25.338	33.791	41.879	0.405	1523.3	119.	267.34	6.160
140.	19.075	35.651	4.63	19.050	25.507	33.979	42.085	0.457	1521.9	139.	251.94	5.188
160.	18.522	35.654	4.59	18.494	25.651	34.140	42.263	0.506	1520.7	159.	238.93	4.788
180.	18.068	35.649	4.66	18.037	25.762	34.265	42.402	0.553	1519.7	179.	229.06	4.203
200.	17.588	35.641	4.83	17.554	25.874	34.394	42.545	0.598	1518.6	199.	218.99	4.243
220.	16.665	35.581	4.78	16.629	26.049	34.600	42.781	0.640	1516.1	218.	202.79	5.309
240.	16.125	35.554	4.88	16.087	26.155	34.725	42.924	0.679	1514.8	238.	193.25	4.129
260.	15.640	35.516	5.01	15.599	26.237	34.825	43.040	0.717	1513.6	258.	185.90	3.657
280.	15.203	35.482	4.98	15.160	26.309	34.913	43.143	0.754	1512.5	278.	179.54	3.423
300.	14.845	35.452	5.04	14.799	26.365	34.982	43.225	0.789	1511.7	298.	174.68	3.031
320.	14.519	35.418	5.09	14.472	26.411	35.040	43.294	0.824	1510.9	318.	170.84	2.732
340.	14.184	35.381	5.14	14.134	26.454	35.096	43.362	0.857	1510.1	337.	167.19	2.672
360.	13.982	35.355	5.11	13.930	26.477	35.127	43.401	0.891	1509.8	357.	165.44	1.989
380.	13.719	35.321	5.16	13.664	26.506	35.167	43.450	0.924	1509.2	377.	163.11	2.214
400.	13.441	35.283	5.17	13.385	26.535	35.206	43.500	0.956	1508.6	397.	160.80	2.201
450.	12.905	35.206	5.15	12.843	26.585	35.278	43.592	1.035	1507.6	447.	157.06	1.864
500.	12.363	35.130	5.16	12.296	26.633	35.349	43.683	1.113	1506.5	496.	153.39	1.840
550.	11.899	35.063	5.12	11.826	26.672	35.407	43.760	1.189	1505.6	546.	150.58	1.668
600.	11.379	34.993	5.13	11.303	26.715	35.472	43.846	1.263	1504.6	595.	147.20	1.769
700.	10.301	34.858	5.09	10.216	26.804	35.608	44.025	1.407	1502.3	694.	139.78	1.817
800.	9.010	34.715	5.06	8.921	26.908	35.769	44.240	1.542	1499.1	793.	130.13	1.993
900.	7.422	34.575	4.92	7.331	27.038	35.973	44.513	1.667	1494.6	892.	116.79	2.261
1000.	6.112	34.492	4.68	6.020	27.149	36.147	44.746	1.778	1491.0	991.	105.08	2.113
1100.	4.988	34.444	4.58	4.896	27.246	36.300	44.952	1.877	1488.1	1090.	94.44	2.005
1200.	4.553	34.516	4.01	4.455	27.353	36.428	45.099	1.966	1488.1	1189.	84.44	1.936
1300.	3.767	34.516	3.88	3.668	27.435	36.551	45.261	2.046	1486.5	1287.	75.30	1.849
1400.	3.319	34.554	3.92	3.216	27.509	36.648	45.379	2.118	1486.3	1386.	67.79	1.680
1500.	3.130	34.590	3.84	3.021	27.556	36.704	45.445	2.183	1487.2	1485.	63.52	1.307
1600.	2.919	34.624	3.86	2.804	27.603	36.762	45.513	2.244	1488.0	1583.	59.07	1.326
1700.	2.732	34.659	3.91	2.611	27.647	36.817	45.577	2.301	1488.9	1682.	54.86	1.289
1800.	2.613	34.687	3.94	2.485	27.681	36.856	45.623	2.354	1490.1	1781.	51.90	1.109
1900.	2.527	34.706	3.96	2.391	27.704	36.885	45.655	2.405	1491.4	1879.	49.96	0.937
2000.	2.442	34.722	3.98	2.298	27.725	36.910	45.685	2.454	1492.8	1977.	48.24	0.894
2100.	2.371	34.733	3.98	2.220	27.740	36.930	45.709	2.502	1494.2	2076.	47.02	0.792
2200.	2.295	34.742	3.96	2.136	27.754	36.948	45.731	2.548	1495.5	2174.	45.87	0.771
2300.	2.237	34.747	3.92	2.070	27.764	36.961	45.747	2.594	1497.0	2272.	45.24	0.645
2400.	2.182	34.750	3.91	2.007	27.771	36.972	45.761	2.639	1498.4	2371.	44.77	0.597
2500.	2.123	34.751	3.88	1.940	27.777	36.981	45.774	2.683	1499.9	2469.	44.39	0.569
2600.	2.049	34.751	3.86	1.859	27.783	36.992	45.789	2.728	1501.2	2567.	43.81	0.622
2700.	2.007	34.751	3.86	1.808	27.787	36.999	45.799	2.771	1502.8	2665.	43.66	0.484
2800.	1.936	34.749	3.87	1.729	27.792	37.008	45.812	2.815	1504.1	2763.	43.16	0.596
2900.	1.888	34.747	3.90	1.673	27.794	37.014	45.821	2.858	1505.6	2861.	43.06	0.457
3000.	1.816	34.746	3.92	1.592	27.799	37.023	45.834	2.901	1507.0	2959.	42.51	0.602
3100.	1.765	34.744	3.96	1.533	27.802	37.029	45.844	2.943	1508.5	3057.	42.26	0.503
3200.	1.713	34.742	4.01	1.471	27.806	37.036	45.854	2.985	1510.0	3155.	41.94	0.524
3300.	1.635	34.740	4.09	1.385	27.810	37.045	45.868	3.027	1511.4	3253.	41.31	0.615
3400.	1.591	34.739	4.13	1.332	27.812	37.051	45.876	3.068	1512.9	3351.	41.07	0.491
3500.	1.553	34.738	4.17	1.286	27.815	37.056	45.884	3.109	1514.4	3448.	40.88	0.467
3600.	1.512	34.737	4.22	1.235	27.818	37.062	45.892	3.150	1516.0	3546.	40.60	0.499
3700.	1.416	34.735	4.32	1.131	27.823	37.073	45.909	3.190	1517.3	3644.	39.57	0.710
3800.	1.338	34.733	4.45	1.045	27.828	37.082	45.923	3.229	1518.6	3742.	38.77	0.645
3900.	1.282	34.731	4.53	0.979	27.831	37.089	45.933	3.267	1520.1	3839.	38.24	0.567
4000.	1.231	34.730	4.60	0.919	27.834	37.096	45.943	3.305	1521.6	3937.	37.77	0.546
4100.	1.172	34.728	4.69	0.851	27.836	37.102	45.953	3.343	1523.1	4034.	37.20	0.576
4200.	1.132	34.726	4.73	0.802	27.838	37.107	45.960	3.380	1524.6	4132.	36.89	0.486
4300.	1.092	34.725	4.76	0.752	27.840	37.112	45.968	3.417	1526.2	4229.	36.53	0.502
4400.	1.060	34.723	4.79	0.710	27.841	37.115	45.974	3.453	1527.8	4326.	36.33	0.443
4500.	1.036	34.721	4.81	0.675	27.842	37.118	45.979	3.489	1529.4	4424.	36.20	0.412
4600.	1.018	34.720	4.84	0.647	27.843	37.121	45.983	3.525	1531.1	4521.	36.13	0.389
4700.	0.991	34.719	4.86	0.609	27.845	37.125	45.989	3.561	1532.7	4618.	35.93	0.441
4800.	0.989	34.718	4.84	0.595	27.845	37.126	45.990	3.597	1534.4	4715.	36.11	0.245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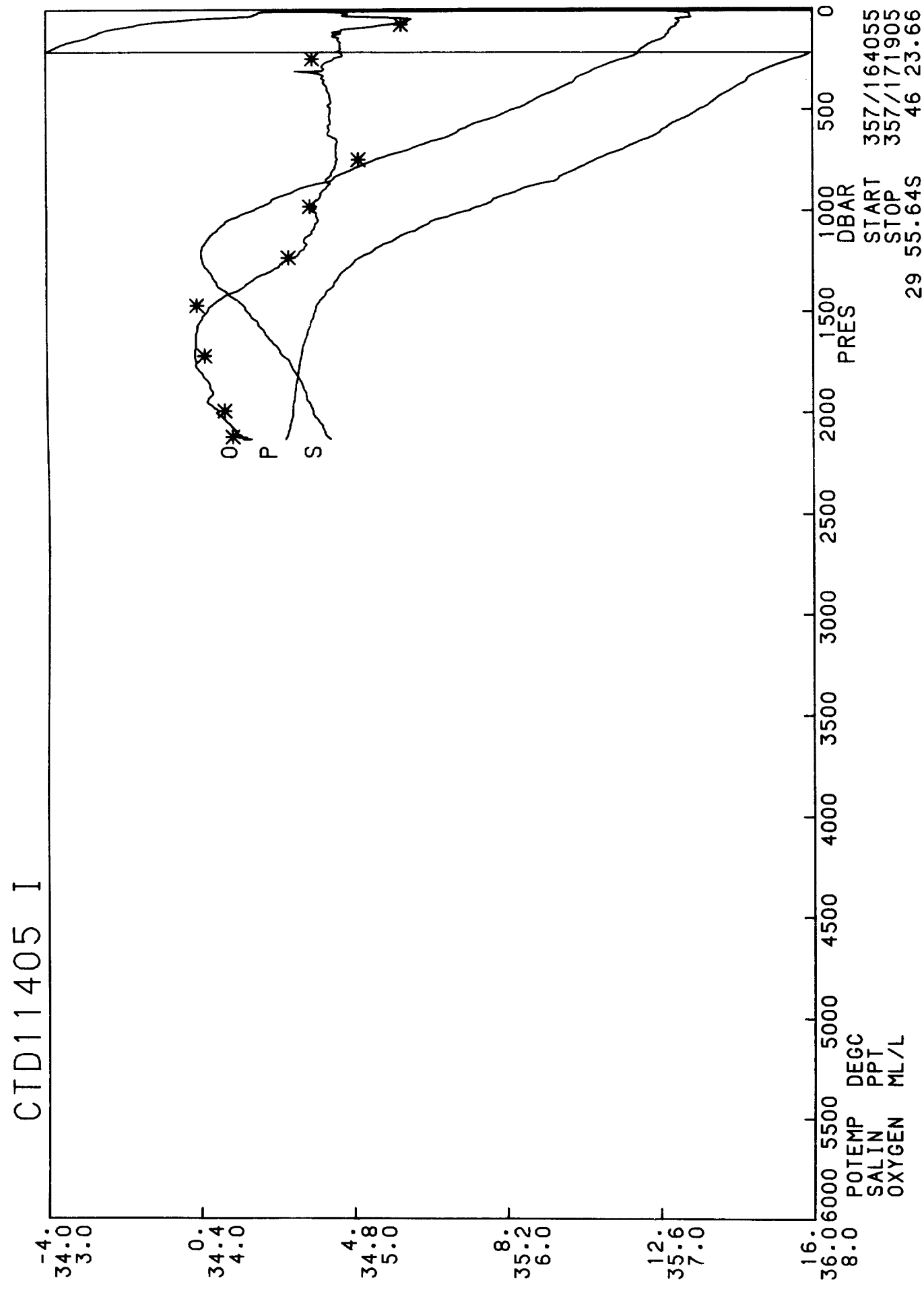
DISCOVERY 164 STATION 11404

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	24.101	35.375	4.30	24.096	23.898	32.227	40.200	0.080	1532.9	20.	400.62	-999.000
40.	23.952	35.389	4.51	23.943	23.954	32.287	40.263	0.160	1532.9	40.	396.20	2.967
60.	21.972	35.586	5.15	21.960	24.675	33.060	41.086	0.233	1528.4	60.	328.18	10.687
80.	20.269	35.629	5.26	20.254	25.175	33.610	41.681	0.293	1524.2	79.	281.32	8.898
100.	19.344	35.642	5.13	19.326	25.429	33.892	41.991	0.347	1522.0	99.	257.83	6.352
120.	18.671	35.642	4.99	18.650	25.602	34.086	42.204	0.397	1520.4	119.	242.08	5.242
140.	17.636	35.606	4.87	17.613	25.833	34.351	42.501	0.443	1517.7	139.	220.71	6.066
160.	17.173	35.588	4.82	17.146	25.931	34.465	42.630	0.487	1516.7	159.	211.97	3.969
180.	16.502	35.559	4.88	16.473	26.069	34.626	42.812	0.528	1514.9	179.	199.43	4.698
200.	16.169	35.535	4.93	16.137	26.129	34.698	42.895	0.567	1514.2	199.	194.34	3.105
220.	15.760	35.505	4.92	15 726	26.199	34.783	42.994	0.605	1513.3	218.	188.19	3.374
240.	15.540	35.489	4.91	15.502	26.238	34.829	43.048	0.643	1512.9	238.	185.12	2.498
260.	15.297	35.469	4.91	15.256	26.278	34.878	43.105	0.679	1512.4	258.	181.91	2.540
280.	15.064	35.449	4.92	15.022	26.314	34.923	43.158	0.715	1512.0	278.	179.01	2.433
300.	14.790	35.424	4.95	14.745	26.356	34.975	43.220	0.751	1511.5	298.	175.55	2.619
320.	14.604	35.406	4.95	14.556	26.383	35.009	43.260	0.786	1511.2	318.	173.53	2.105
340.	14.400	35.385	4.96	14.350	26.411	35.045	43.304	0.820	1510.8	337.	171.36	2.162
360.	14.204	35.363	4.97	14.151	26.436	35.078	43.344	0.854	1510.5	357.	169.45	2.054
380.	14.025	35.341	4.97	13.969	26.458	35.107	43.379	0.888	1510.2	377.	167.89	1.907
400.	13.732	35.305	5.00	13.674	26.492	35.152	43.435	0.921	1509.6	397.	165.10	2.382
450.	13.213	35.233	5.00	13.149	26.544	35.225	43.528	1.003	1508.6	446.	161.19	1.897
500.	12.685	35.158	4.99	12.616	26.593	35.295	43.618	1.082	1507.6	496.	157.54	1.844
550.	12.336	35.108	4.97	12.262	26.623	35.341	43.677	1.161	1507.2	546.	155.64	1.481
600.	11.604	35.010	5.02	11.527	26.687	35.434	43.799	1.238	1505.4	595.	150.17	2.134
700.	10.508	34.870	5.02	10.422	26.778	35.573	43.982	1.384	1503.0	694.	142.53	1.840
800.	9.184	34.726	5.00	9.093	26.889	35.743	44.207	1.522	1499.7	793.	132.20	2.052
900.	7.733	34.593	4.90	7.641	27.008	35.928	44.455	1.649	1495.8	892.	120.25	2.159
1000.	6.563	34.504	4.84	6.468	27.100	36.076	44.656	1.765	1492.8	991.	110.68	1.942
1100.	5.136	34.434	4.81	5.042	27.222	36.268	44.914	1.868	1488.7	1090.	97.12	2.241
1200.	4.342	34.430	4.63	4.246	27.307	36.394	45.077	1.961	1487.1	1189.	88.05	1.852
1300.	3.762	34.462	4.35	3.664	27.393	36.509	45.220	2.045	1486.4	1287.	79.23	1.816
1400.	3.452	34.509	4.19	3.348	27.460	36.593	45.319	2.121	1486.8	1386.	72.73	1.576
1500.	3.265	34.549	4.08	3.155	27.511	36.653	45.388	2.191	1487.7	1485.	68.17	1.348
1600.	3.035	34.596	4.03	2.918	27.570	36.724	45.470	2.256	1488.5	1583.	62.51	1.474
1700.	2.866	34.629	4.04	2.743	27.612	36.775	45.529	2.317	1489.4	1682.	58.67	1.244
1800.	2.684	34.659	4.13	2.554	27.653	36.825	45.588	2.374	1490.4	1780.	54.79	1.245
1900.	2.560	34.684	4.21	2.424	27.684	36.863	45.632	2.428	1491.6	1879.	51.95	1.090
2000.	2.483	34.703	4.29	2.339	27.706	36.889	45.663	2.479	1492.9	1977.	50.16	0.908
2100.	2.377	34.726	4.39	2.226	27.734	36.923	45.702	2.527	1494.2	2076.	47.65	1.032
2200.	2.304	34.747	4.47	2.145	27.757	36.950	45.733	2.574	1495.6	2174.	45.67	0.937
2300.	2.270	34.761	4.53	2.103	27.772	36.967	45.752	2.619	1497.1	2272.	44.66	0.738
2400.	2.211	34.759	4.57	2.035	27.776	36.975	45.763	2.663	1498.6	2370.	44.50	0.507
2500.	2.175	34.767	4.61	1.991	27.785	36.987	45.777	2.708	1500.1	2469.	43.93	0.626
2600.	2.146	34.769	4.66	1.953	27.790	36.994	45.786	2.751	1501.7	2567.	43.81	0.485
2700.	2.116	34.771	4.70	1.915	27.795	37.001	45.795	2.795	1503.3	2665.	43.68	0.488
2800.	2.064	34.774	4.77	1.854	27.802	37.011	45.808	2.839	1504.7	2763.	43.21	0.593
2900.	1.977	34.773	4.79	1.759	27.808	37.022	45.825	2.881	1506.1	2861.	42.45	0.666
3000.	1.897	34.768	4.78	1.671	27.811	37.030	45.837	2.924	1507.4	2959.	42.04	0.567
3100.	1.723	34.753	4.67	1.491	27.812	37.042	45.858	2.965	1508.3	3057.	41.01	0.723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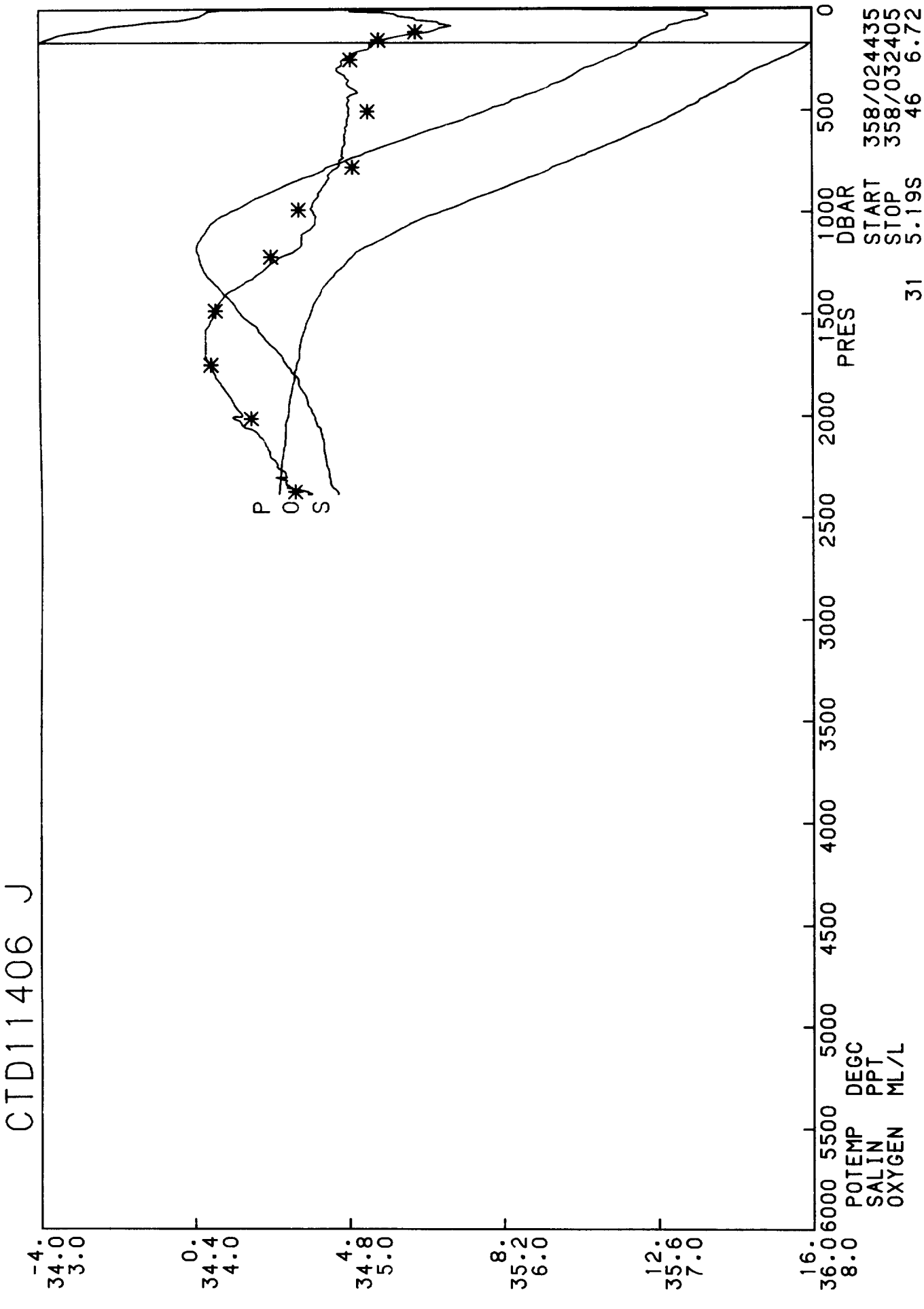
START 357/164055
STOP 357/171905
29 55.64S 46 23.66

DISCOVERY 164 STATION 11405

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM $10^{-8}KG/M^3$	BVFR CY/HR
10.	22.015	35.609	4.83	22.013	24.678	33.061	41.085	0.033	1527.7	10.	325.84	-999.000
20.	21.533	35.678	4.96	21.529	24.866	33.262	41.298	0.064	1526.7	20.	308.36	7.707
40.	20.788	35.684	5.26	20.780	25.076	33.494	41.550	0.125	1525.0	40.	289.20	5.760
60.	18.988	35.653	5.36	18.977	25.527	34.001	42.109	0.178	1520.4	60.	246.95	8.456
80.	18.273	35.646	5.17	18.260	25.704	34.200	42.330	0.225	1518.6	79.	230.88	5.292
100.	17.617	35.629	4.93	17.600	25.853	34.372	42.522	0.270	1517.0	99.	217.29	4.882
120.	17.328	35.624	4.92	17.308	25.921	34.449	42.608	0.313	1516.5	119.	211.58	3.274
140.	17.069	35.613	4.91	17.046	25.975	34.512	42.679	0.355	1516.0	139.	207.11	2.940
160.	16.625	35.588	4.92	16.599	26.062	34.614	42.796	0.395	1515.0	159.	199.47	3.729
180.	16.333	35.567	4.92	16.304	26.114	34.677	42.868	0.435	1514.4	179.	195.09	2.907
200.	16.109	35.551	4.92	16.078	26.155	34.726	42.925	0.473	1514.1	199.	191.85	2.560
220.	15.954	35.544	4.93	15.919	26.185	34.762	42.966	0.512	1513.9	218.	189.59	2.214
240.	15.731	35.520	4.89	15.694	26.219	34.803	43.015	0.549	1513.5	238.	187.02	2.325
260.	15.389	35.485	4.84	15.349	26.269	34.866	43.090	0.586	1512.8	258.	182.74	2.872
280.	15.086	35.458	4.81	15.043	26.316	34.924	43.159	0.622	1512.1	278.	178.82	2.764
300.	14.822	35.431	4.81	14.777	26.354	34.972	43.216	0.658	1511.6	298.	175.70	2.506
320.	14.591	35.410	4.78	14.543	26.389	35.016	43.267	0.693	1511.1	318.	172.94	2.379
340.	14.388	35.386	4.80	14.338	26.414	35.049	43.308	0.727	1510.8	337.	171.02	2.063
360.	14.312	35.377	4.81	14.259	26.425	35.062	43.324	0.761	1510.9	357.	170.63	1.303
380.	14.128	35.356	4.83	14.072	26.448	35.092	43.361	0.795	1510.6	377.	168.96	1.958
400.	13.959	35.334	4.84	13.901	26.467	35.118	43.393	0.829	1510.3	397.	167.60	1.815
450.	13.532	35.276	4.86	13.468	26.512	35.181	43.471	0.912	1509.7	446.	164.47	1.758
500.	13.106	35.215	4.86	13.036	26.553	35.239	43.546	0.993	1509.1	496.	161.67	1.687
550.	12.631	35.148	4.86	12.555	26.597	35.302	43.627	1.074	1508.2	546.	158.50	1.751
600.	12.142	35.078	4.85	12.061	26.639	35.364	43.708	1.152	1507.3	595.	155.32	1.747
700.	11.081	34.938	4.89	10.992	26.729	35.499	43.885	1.304	1505.1	694.	147.99	1.821
800.	9.859	34.792	4.87	9.764	26.830	35.653	44.089	1.447	1502.3	793.	138.94	1.956
900.	8.414	34.646	4.80	8.317	26.949	35.837	44.335	1.581	1498.4	892.	127.17	2.156
1000.	7.063	34.534	4.74	6.965	27.057	36.009	44.566	1.702	1494.8	991.	115.89	2.095
1100.	5.644	34.441	4.73	5.547	27.167	36.189	44.811	1.811	1490.7	1090.	103.50	2.159
1200.	4.589	34.404	4.65	4.491	27.260	36.335	45.006	1.909	1488.1	1188.	93.16	1.971
1300.	3.824	34.427	4.45	3.725	27.358	36.472	45.181	1.997	1486.6	1287.	82.60	1.974
1400.	3.412	34.471	4.22	3.309	27.434	36.569	45.297	2.076	1486.6	1386.	75.03	1.687
1500.	3.105	34.527	4.04	2.996	27.508	36.659	45.401	2.147	1487.0	1484.	67.85	1.640
1600.	2.926	34.570	3.98	2.811	27.559	36.719	45.471	2.212	1488.0	1583.	63.10	1.362
1700.	2.781	34.610	3.97	2.659	27.604	36.772	45.530	2.273	1489.1	1682.	59.00	1.275
1800.	2.687	34.649	4.01	2.557	27.645	36.817	45.580	2.330	1490.4	1780.	55.53	1.186
1900.	2.611	34.677	4.09	2.474	27.674	36.850	45.617	2.385	1491.8	1879.	53.13	1.020
2000.	2.562	34.696	4.11	2.417	27.694	36.873	45.643	2.437	1493.3	1977.	51.65	0.852
2100.	2.443	34.727	4.24	2.291	27.729	36.915	45.690	2.487	1494.5	2075.	48.41	1.147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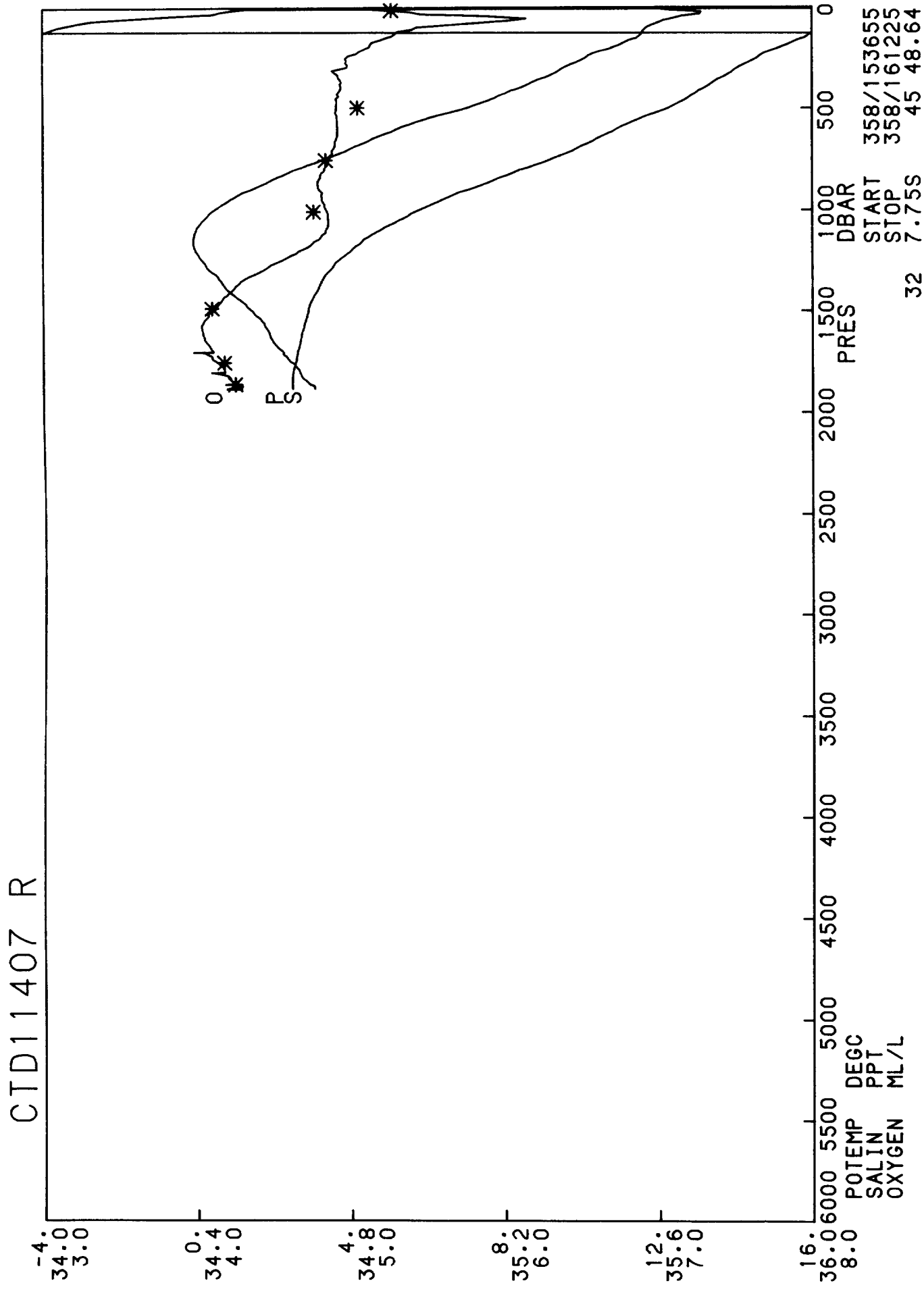
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
PRES DBAR
START 358/024435
STOP 358/032405
31 5.19S 46 6.72
P
O
S

DISCOVERY 164 STATION 11406

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	20.427	35.631	5.18	20.425	25.131	33.561	41.628	0.030	1523.5	10.	282.67	-999.000
20.	20.314	35.725	5.26	20.310	25.234	33.665	41.735	0.058	1523.5	20.	273.36	5.681
40.	20.056	35.723	5.38	20.048	25.302	33.741	41.818	0.112	1523.1	40.	267.66	3.287
60.	19.148	35.683	5.53	19.137	25.508	33.976	42.080	0.164	1520.8	60.	248.70	5.729
80.	18.063	35.641	5.65	18.049	25.752	34.255	42.391	0.211	1518.0	79.	226.24	6.213
100.	17.412	35.625	5.58	17.396	25.900	34.425	42.581	0.255	1516.4	99.	212.86	4.846
120.	16.649	35.596	5.45	16.629	26.060	34.611	42.792	0.296	1514.4	119.	198.19	5.061
140.	16.301	35.572	5.28	16.279	26.124	34.688	42.880	0.335	1513.7	139.	192.75	3.197
160.	16.041	35.555	5.19	16.015	26.172	34.745	42.946	0.373	1513.2	159.	188.84	2.767
180.	15.920	35.548	5.15	15.891	26.195	34.772	42.978	0.411	1513.2	179.	187.27	1.938
200.	15.746	35.529	5.11	15.714	26.221	34.804	43.016	0.448	1512.9	199.	185.46	2.035
220.	15.550	35.508	5.03	15.516	26.249	34.840	43.058	0.485	1512.6	218.	183.39	2.140
240.	15.318	35.480	4.99	15.280	26.281	34.880	43.107	0.521	1512.2	238.	180.93	2.280
260.	15.080	35.457	4.96	15.040	26.316	34.925	43.159	0.557	1511.8	258.	178.15	2.396
280.	14.868	35.433	4.95	14.825	26.345	34.961	43.203	0.593	1511.4	278.	175.97	2.168
300.	14.588	35.403	4.93	14.543	26.383	35.010	43.262	0.628	1510.8	298.	172.83	2.513
320.	14.396	35.388	4.97	14.348	26.414	35.048	43.307	0.662	1510.5	318.	170.46	2.235
340.	14.234	35.370	5.00	14.184	26.435	35.075	43.340	0.696	1510.3	337.	169.01	1.862
360.	14.073	35.348	5.00	14.020	26.453	35.099	43.370	0.730	1510.1	357.	167.83	1.733
380.	13.851	35.321	5.01	13.796	26.479	35.135	43.413	0.763	1509.6	377.	165.77	2.110
400.	13.648	35.296	5.06	13.591	26.502	35.166	43.452	0.796	1509.3	397.	164.03	1.979
450.	13.158	35.223	5.01	13.095	26.547	35.230	43.535	0.877	1508.4	446.	160.89	1.754
500.	12.703	35.156	5.01	12.634	26.587	35.289	43.611	0.957	1507.6	496.	158.06	1.689
550.	12.202	35.086	5.00	12.128	26.632	35.354	43.696	1.035	1506.7	545.	154.73	1.774
600.	11.579	34.998	4.99	11.501	26.682	35.431	43.797	1.111	1505.3	595.	150.53	1.923
700.	10.357	34.848	4.97	10.272	26.787	35.588	44.004	1.258	1502.5	694.	141.48	1.963
800.	9.173	34.725	4.89	9.082	26.890	35.744	44.208	1.394	1499.7	793.	132.11	1.970
900.	7.845	34.599	4.81	7.751	26.996	35.911	44.433	1.521	1496.2	892.	121.57	2.048
1000.	6.454	34.490	4.78	6.360	27.104	36.085	44.670	1.637	1492.4	991.	110.09	2.101
1100.	5.269	34.428	4.71	5.175	27.202	36.242	44.881	1.741	1489.2	1090.	99.33	2.019
1200.	4.269	34.412	4.62	4.174	27.300	36.391	45.078	1.835	1486.7	1188.	88.44	2.011
1300.	3.748	34.432	4.42	3.650	27.370	36.488	45.200	1.920	1486.3	1287.	81.29	1.653
1400.	3.368	34.479	4.20	3.265	27.444	36.582	45.312	1.998	1486.4	1386.	73.90	1.668
1500.	3.119	34.524	4.13	3.010	27.504	36.654	45.396	2.068	1487.1	1484.	68.26	1.473
1600.	2.926	34.578	4.08	2.811	27.565	36.725	45.476	2.134	1488.0	1583.	62.55	1.476
1700.	2.853	34.628	4.08	2.730	27.612	36.776	45.530	2.194	1489.4	1681.	58.59	1.258
1800.	2.739	34.666	4.14	2.609	27.654	36.823	45.583	2.251	1490.6	1780.	54.96	1.211
1900.	2.630	34.691	4.24	2.493	27.684	36.859	45.625	2.304	1491.9	1878.	52.32	1.060
2000.	2.571	34.714	4.25	2.426	27.707	36.886	45.654	2.356	1493.3	1977.	50.50	0.919
2100.	2.514	34.733	4.43	2.361	27.728	36.910	45.682	2.405	1494.8	2075.	48.90	0.873
2200.	2.440	34.740	4.50	2.279	27.741	36.927	45.703	2.454	1496.2	2173.	47.92	0.743
2300.	2.387	34.751	4.53	2.217	27.754	36.943	45.722	2.501	1497.6	2272.	46.97	0.732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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000
PRES DBAR
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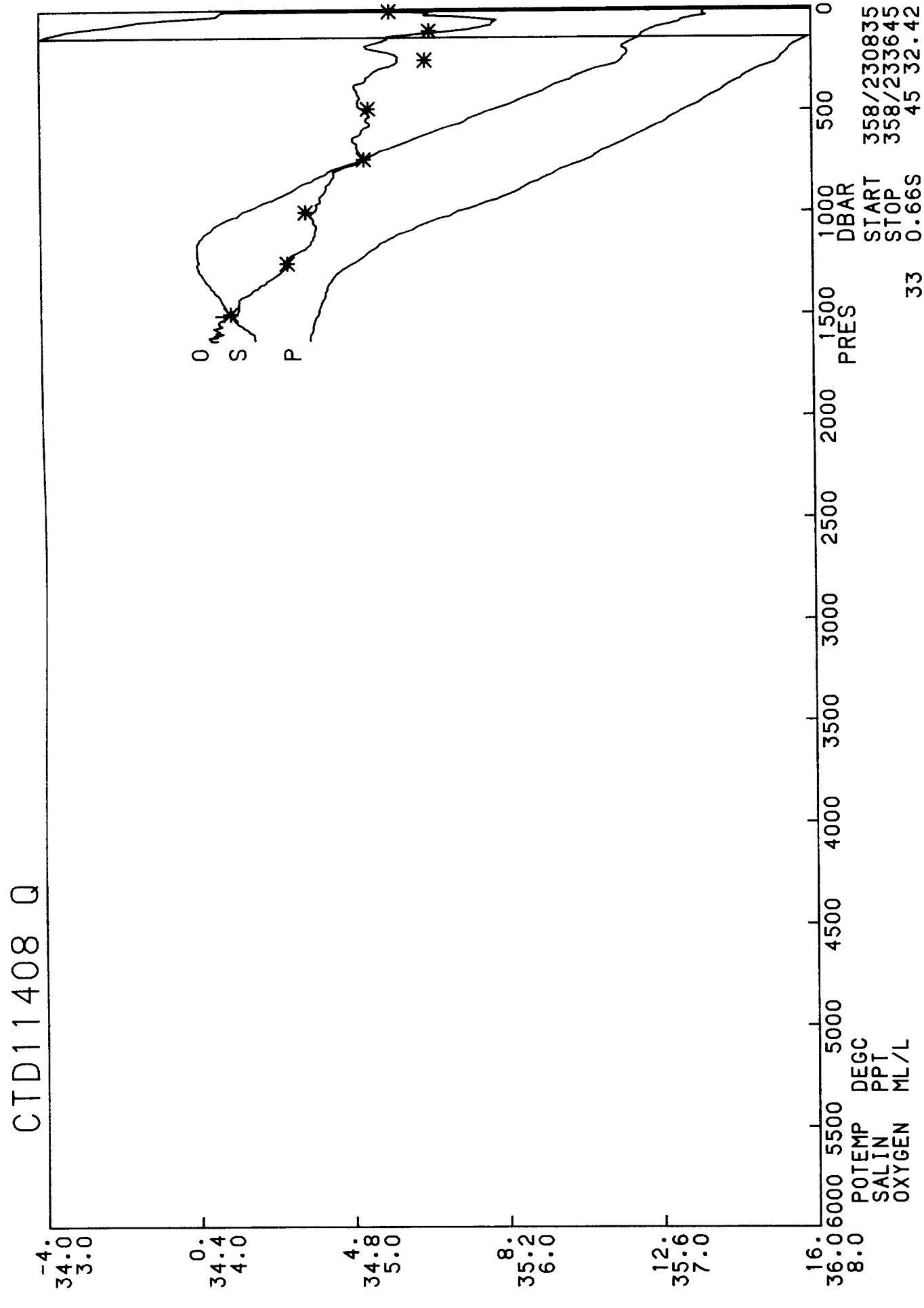
P
S
START 358/153655
STOP 358/161225
32 7.75S 45 48.64

DISCOVERY 164 STATION 11407

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	21.067	35.620	5.20	21.065	24.950	33.360	41.410	0.031	1525.2	10.	299.98	-999.000
20.	20.686	35.701	5.37	20.682	25.115	33.536	41.595	0.060	1524.5	20.	284.61	7.237
40.	19.406	35.672	5.80	19.399	25.432	33.892	41.988	0.114	1521.2	40.	255.15	7.090
60.	17.624	35.622	6.07	17.613	25.844	34.362	42.512	0.161	1516.4	60.	216.65	8.078
80.	16.807	35.593	5.75	16.794	26.019	34.565	42.740	0.203	1514.2	79.	200.72	5.265
100.	16.331	35.570	5.42	16.315	26.114	34.676	42.868	0.242	1513.1	99.	192.30	3.896
120.	16.044	35.560	5.31	16.025	26.174	34.746	42.946	0.280	1512.6	119.	187.33	3.070
140.	15.916	35.553	5.28	15.894	26.198	34.775	42.980	0.317	1512.5	139.	185.64	1.987
160.	15.690	35.530	5.20	15.665	26.232	34.817	43.030	0.354	1512.1	159.	183.03	2.344
180.	15.452	35.507	5.14	15.424	26.269	34.863	43.084	0.391	1511.7	179.	180.12	2.440
200.	15.192	35.480	5.11	15.161	26.307	34.911	43.141	0.426	1511.1	199.	177.08	2.484
220.	14.904	35.444	5.06	14.871	26.344	34.958	43.199	0.462	1510.5	218.	174.16	2.441
240.	14.689	35.419	4.99	14.653	26.372	34.995	43.243	0.496	1510.1	238.	172.06	2.136
260.	14.531	35.402	4.98	14.492	26.394	35.023	43.276	0.530	1509.9	258.	170.53	1.899
280.	14.318	35.378	4.98	14.277	26.421	35.058	43.320	0.564	1509.6	278.	168.45	2.128
300.	14.109	35.354	-999.00	14.065	26.448	35.093	43.362	0.598	1509.2	298.	166.45	2.092
320.	13.971	35.338	4.90	13.924	26.465	35.116	43.390	0.631	1509.1	318.	165.35	1.692
340.	13.797	35.315	4.92	13.748	26.484	35.142	43.422	0.664	1508.8	337.	164.02	1.797
360.	13.585	35.286	4.94	13.534	26.506	35.172	43.460	0.697	1508.4	357.	162.45	1.904
380.	13.431	35.263	4.94	13.377	26.521	35.193	43.487	0.729	1508.2	377.	161.52	1.593
400.	13.264	35.239	4.94	13.208	26.537	35.215	43.516	0.761	1508.0	397.	160.49	1.643
450.	12.834	35.174	4.91	12.772	26.574	35.271	43.588	0.841	1507.3	446.	157.99	1.623
500.	12.327	35.100	4.91	12.259	26.617	35.334	43.671	0.919	1506.3	496.	154.87	1.737
550.	11.595	34.997	4.92	11.524	26.677	35.425	43.790	0.995	1504.5	545.	149.73	2.081
600.	11.010	34.921	4.92	10.935	26.727	35.499	43.888	1.069	1503.2	595.	145.66	1.890
700.	9.947	34.796	4.89	9.864	26.816	35.636	44.068	1.211	1500.9	694.	138.10	1.824
800.	8.541	34.657	4.83	8.454	26.936	35.818	44.310	1.344	1497.3	793.	126.68	2.129
900.	7.145	34.537	4.80	7.056	27.047	35.995	44.548	1.465	1493.5	892.	115.39	2.096
1000.	5.840	34.443	4.85	5.750	27.144	36.156	44.768	1.575	1489.9	991.	104.89	2.010
1100.	4.823	34.397	4.84	4.732	27.228	36.291	44.951	1.675	1487.4	1089.	95.67	1.877
1200.	4.093	34.399	4.66	3.999	27.308	36.408	45.104	1.767	1486.0	1188.	87.17	1.793
1300.	3.534	34.438	4.42	3.438	27.396	36.524	45.247	1.849	1485.4	1287.	78.20	1.825
1400.	3.228	34.485	4.22	3.127	27.462	36.607	45.344	1.923	1485.8	1386.	71.74	1.566
1500.	3.006	34.547	4.10	2.898	27.533	36.689	45.436	1.991	1486.6	1484.	65.12	1.578
1600.	2.859	34.589	4.04	2.744	27.580	36.743	45.498	2.054	1487.7	1583.	60.94	1.287
1700.	2.740	34.625	4.11	2.619	27.620	36.790	45.550	2.114	1488.9	1681.	57.38	1.200
1800.	2.633	34.669	4.18	2.504	27.665	36.840	45.605	2.169	1490.2	1780.	53.45	1.248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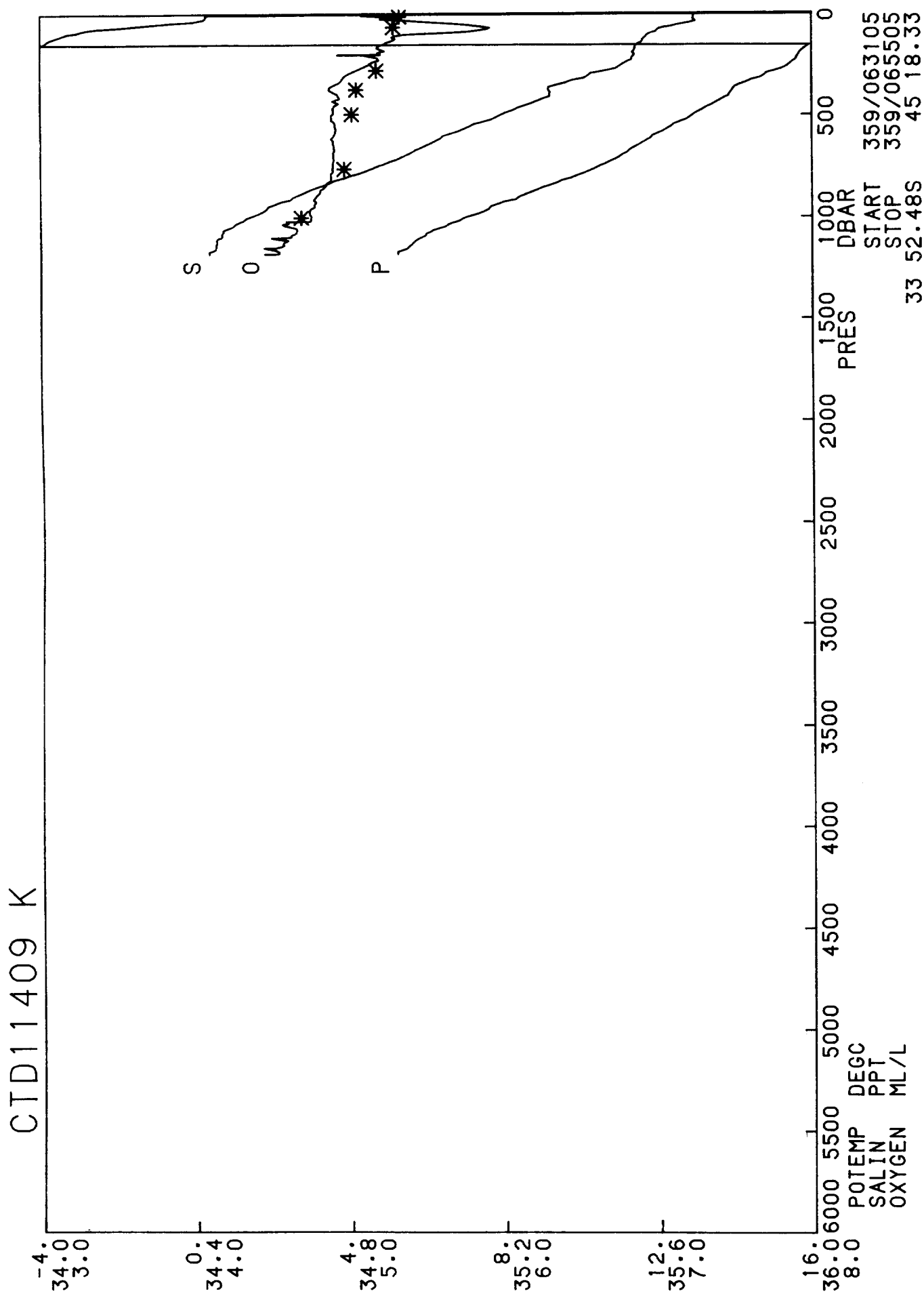
PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
O
S
P
START 358/230835
STOP 358/233645
33 0.66S 45 32.42

DISCOVERY 164 STATION 11408

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	20.684	35.720	5.52	20.680	25.130	33.551	41.610	0.057	1524.5	20.	283.18	-999.000
40.	19.874	35.709	5.76	19.867	25.338	33.783	41.865	0.112	1522.6	40.	264.12	5.744
60.	18.415	35.662	5.95	18.404	25.680	34.171	42.297	0.161	1518.7	60.	232.39	7.350
80.	17.656	35.628	5.91	17.643	25.842	34.359	42.508	0.207	1516.8	79.	217.64	5.078
100.	16.723	35.587	5.77	16.707	26.035	34.584	42.762	0.248	1514.3	99.	199.88	5.545
120.	16.234	35.564	5.45	16.214	26.133	34.698	42.893	0.287	1513.1	119.	191.23	3.946
140.	15.989	35.554	5.26	15.966	26.182	34.757	42.960	0.325	1512.7	139.	187.16	2.814
160.	15.773	35.533	5.20	15.748	26.216	34.798	43.008	0.362	1512.3	159.	184.60	2.324
180.	15.547	35.512	5.11	15.519	26.252	34.842	43.060	0.399	1512.0	179.	181.81	2.402
200.	15.442	35.522	5.18	15.411	26.284	34.878	43.099	0.435	1512.0	198.	179.42	2.257
220.	15.348	35.523	5.30	15.314	26.306	34.904	43.128	0.471	1512.0	218.	177.93	1.895
240.	15.238	35.512	5.32	15.201	26.323	34.925	43.153	0.506	1512.0	238.	176.94	1.656
260.	15.142	35.501	5.31	15.102	26.337	34.942	43.174	0.542	1512.0	258.	176.24	1.504
280.	14.890	35.468	5.26	14.847	26.367	34.982	43.223	0.577	1511.5	278.	173.89	2.238
300.	14.600	35.428	5.18	14.555	26.400	35.026	43.277	0.611	1510.9	298.	171.26	2.335
320.	14.387	35.400	5.15	14.340	26.425	35.059	43.318	0.645	1510.5	317.	169.42	2.029
340.	14.236	35.379	5.12	14.186	26.442	35.082	43.346	0.679	1510.3	337.	168.37	1.673
360.	14.030	35.348	5.08	13.977	26.462	35.110	43.382	0.713	1509.9	357.	166.93	1.852
380.	13.850	35.323	5.04	13.795	26.481	35.136	43.415	0.746	1509.6	377.	165.64	1.783
400.	13.718	35.304	5.06	13.661	26.494	35.155	43.438	0.779	1509.5	397.	164.87	1.513
450.	13.244	35.235	5.06	13.181	26.539	35.219	43.521	0.860	1508.7	446.	161.66	1.770
500.	12.717	35.160	5.11	12.649	26.588	35.289	43.610	0.940	1507.7	496.	158.05	1.835
550.	12.291	35.101	5.12	12.217	26.626	35.345	43.683	1.019	1507.0	545.	155.35	1.653
600.	11.741	35.021	5.08	11.663	26.670	35.412	43.771	1.096	1505.9	595.	151.91	1.788
700.	10.616	34.877	5.07	10.530	26.764	35.555	43.959	1.244	1503.4	694.	143.98	1.869
800.	9.450	34.745	4.90	9.358	26.861	35.703	44.156	1.384	1500.7	793.	135.31	1.914
900.	8.380	34.643	4.84	8.283	26.951	35.841	44.340	1.515	1498.3	892.	126.88	1.874
1000.	6.851	34.519	4.76	6.754	27.074	36.037	44.603	1.635	1494.0	991.	113.79	2.234
1100.	5.451	34.428	4.78	5.355	27.180	36.212	44.843	1.743	1489.9	1089.	101.79	2.125
1200.	4.557	34.407	4.65	4.460	27.266	36.342	45.015	1.840	1487.9	1188.	92.51	1.876
1300.	3.771	34.418	4.54	3.672	27.356	36.473	45.184	1.928	1486.3	1287.	82.62	1.915
1400.	3.487	34.459	4.34	3.383	27.417	36.549	45.274	2.008	1486.9	1385.	76.82	1.499
1500.	3.300	34.490	4.26	3.189	27.461	36.602	45.336	2.082	1487.8	1484.	72.91	1.263
1600.	3.105	34.555	4.12	2.987	27.531	36.682	45.425	2.152	1488.7	1583.	66.44	1.565


CTD11409 K
S
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PRES
1000 DBAR
START 359/063105
STOP 359/065505
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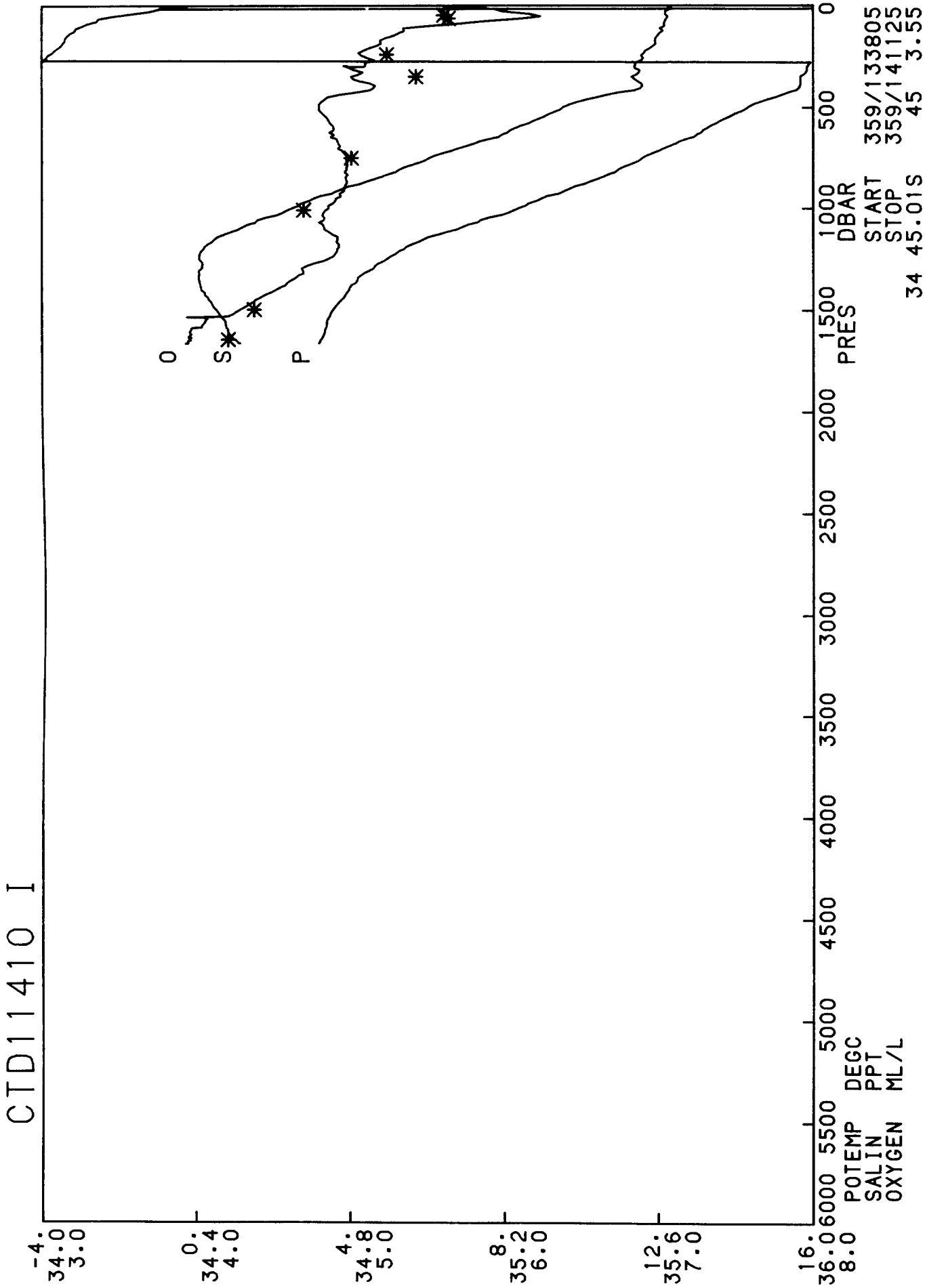
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
-4. 0. 4. 8. 12. 16.
34.0 34.4 34.8 35.2 35.6 36.0
3.0 4.0 5.0 6.0 7.0 8.0
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000

DISCOVERY 164 STATION 11409

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM $10^{-8}KG/M^3$	BVFR CY/HR
10.	20.317	35.694	5.16	20.315	25.209	33.641	41.710	0.028	1523.3	10.	275.31	-999.000
20.	20.288	35.694	5.27	20.284	25.217	33.650	41.720	0.055	1523.4	20.	274.95	1.593
40.	19.896	35.698	5.45	19.889	25.325	33.770	41.851	0.110	1522.6	40.	265.45	4.137
60.	18.332	35.648	5.80	18.322	25.689	34.184	42.312	0.159	1518.5	60.	231.45	7.603
80.	17.170	35.602	5.87	17.157	25.940	34.473	42.638	0.203	1515.3	79.	208.26	6.308
100.	16.664	35.582	5.51	16.647	26.046	34.597	42.777	0.243	1514.1	99.	198.84	4.107
120.	16.347	35.568	5.29	16.328	26.110	34.672	42.863	0.283	1513.5	119.	193.42	3.192
140.	16.147	35.561	5.26	16.124	26.151	34.720	42.917	0.321	1513.2	139.	190.16	2.566
160.	15.954	35.545	5.20	15.928	26.184	34.760	42.964	0.359	1512.9	159.	187.68	2.296
180.	15.806	35.541	5.22	15.778	26.215	34.796	43.005	0.396	1512.8	179.	185.35	2.241
200.	15.703	35.539	5.20	15.672	26.238	34.823	43.036	0.433	1512.8	198.	183.80	1.924
220.	15.636	35.534	5.19	15.602	26.250	34.838	43.053	0.470	1512.9	218.	183.32	1.388
240.	15.546	35.522	5.15	15.508	26.262	34.853	43.071	0.506	1513.0	238.	182.82	1.394
260.	15.417	35.504	5.11	15.376	26.278	34.874	43.097	0.543	1512.9	258.	181.92	1.618
280.	15.187	35.477	5.05	15.144	26.309	34.913	43.144	0.579	1512.4	278.	179.53	2.253
300.	14.854	35.425	4.99	14.809	26.343	34.959	43.202	0.614	1511.7	298.	176.84	2.361
320.	14.693	35.407	4.96	14.645	26.364	34.987	43.236	0.650	1511.5	317.	175.35	1.885
340.	14.376	35.364	4.94	14.326	26.400	35.035	43.295	0.684	1510.7	337.	172.37	2.454
360.	14.107	35.325	4.89	14.054	26.428	35.073	43.343	0.719	1510.2	357.	170.21	2.155
380.	13.995	35.319	4.88	13.940	26.447	35.097	43.371	0.753	1510.1	377.	168.90	1.791
400.	13.927	35.321	4.93	13.869	26.463	35.116	43.392	0.786	1510.2	397.	167.93	1.624
450.	13.492	35.263	4.92	13.427	26.510	35.180	43.473	0.869	1509.6	446.	164.64	1.789
500.	12.999	35.192	4.89	12.929	26.557	35.247	43.558	0.951	1508.7	496.	161.21	1.806
550.	12.465	35.119	4.91	12.391	26.607	35.318	43.650	1.031	1507.6	545.	157.38	1.871
600.	11.979	35.050	4.90	11.900	26.647	35.379	43.730	1.109	1506.7	595.	154.32	1.718
700.	11.153	34.942	4.90	11.064	26.719	35.487	43.870	1.260	1505.4	694.	149.00	1.626
800.	9.954	34.798	4.88	9.859	26.818	35.638	44.070	1.405	1502.6	793.	140.15	1.940
900.	8.515	34.656	4.79	8.417	26.940	35.825	44.318	1.539	1498.8	892.	128.14	2.176
1000.	7.136	34.538	4.75	7.037	27.049	35.999	44.552	1.662	1495.1	990.	116.74	2.106
1100.	5.942	34.462	4.50	5.842	27.148	36.155	44.763	1.773	1492.0	1089.	106.11	2.021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3.0 4.0 5.0 6.0 7.0 8.0
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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PRES DBAR
START 359/133805
STOP 359/141125
34 45.01S 45 3.55
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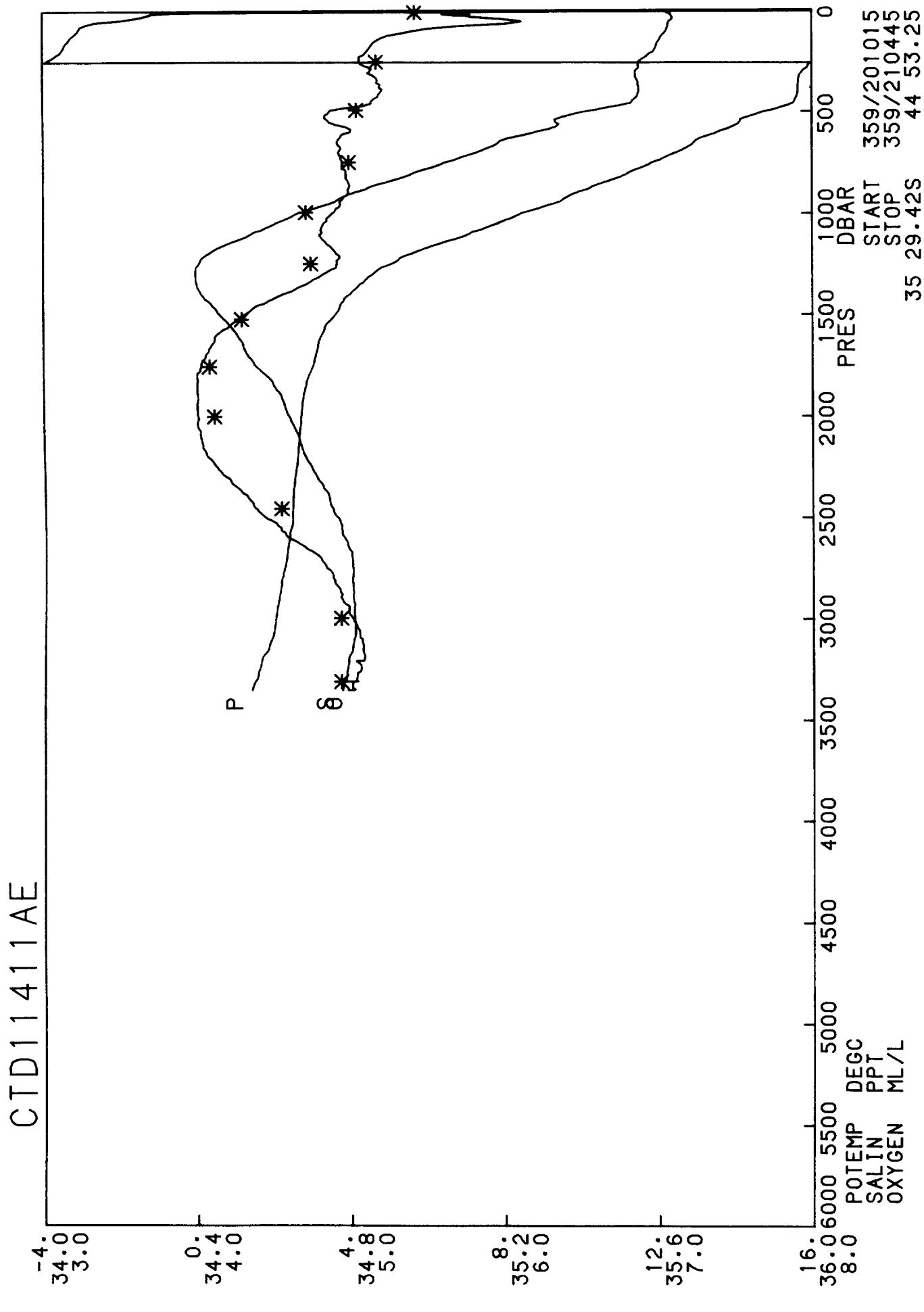
DISCOVERY 164 STATION 11410

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM $10^{-8}KG/M^3$	BVFR CY/HR
20.	18.980	35.626	5.95	18.976	25.507	33.981	42.089	0.050	1519.6	20.	247.35	-999.000
40.	18.340	35.617	6.15	18.333	25.663	34.157	42.285	0.099	1518.1	40.	233.25	4.970
60.	17.599	35.621	6.15	17.589	25.850	34.369	42.519	0.143	1516.3	60.	216.15	5.448
80.	17.351	35.616	5.83	17.338	25.907	34.434	42.592	0.186	1515.9	79.	211.46	3.001
100.	17.053	35.614	5.50	17.037	25.978	34.515	42.683	0.228	1515.3	99.	205.35	3.373
120.	16.876	35.610	5.35	16.856	26.018	34.561	42.734	0.268	1515.1	119.	202.30	2.503
140.	16.725	35.600	5.30	16.702	26.046	34.595	42.774	0.309	1515.0	139.	200.24	2.149
160.	16.628	35.592	5.22	16.602	26.064	34.616	42.798	0.349	1515.0	159.	199.26	1.673
180.	16.582	35.593	5.20	16.553	26.076	34.630	42.813	0.388	1515.2	179.	198.79	1.398
200.	16.493	35.583	5.16	16.460	26.090	34.647	42.834	0.428	1515.3	198.	198.11	1.517
220	16.355	35.566	5.09	16.319	26.110	34.672	42.863	0.468	1515.2	218.	196.89	1.783
240.	16.209	35.556	5.07	16.170	26.137	34.704	42.900	0.507	1515.0	238.	194.97	2.088
260.	16.112	35.557	5.13	16.071	26.161	34.732	42.931	0.546	1515.1	258.	193.35	1.961
280.	15.966	35.540	5.10	15.921	26.182	34.758	42.963	0.584	1514.9	278.	191.93	1.871
300.	15.887	35.538	4.99	15.840	26.200	34.779	42.986	0.622	1515.0	298.	190.93	1.673
320.	15.875	35.550	5.06	15.825	26.212	34.791	42.998	0.661	1515.3	317.	190.47	1.380
340.	15.778	35.537	5.04	15.724	26.225	34.808	43.019	0.699	1515.4	337.	189.81	1.491
360.	15.723	35.540	5.03	15.666	26.240	34.825	43.038	0.736	1515.5	357.	189.00	1.571
380.	15.724	35.556	5.13	15.664	26.253	34.838	43.050	0.774	1515.9	377.	188.48	1.410
400.	15.700	35.554	5.16	15.636	26.257	34.843	43.057	0.812	1516.1	397.	188.70	0.866
450.	15.080	35.437	4.85	15.011	26.307	34.917	43.152	0.906	1514.9	446.	185.15	1.863
500.	14.384	35.351	4.80	14.310	26.393	35.030	43.290	0.996	1513.4	496.	177.97	2.421
550.	13.861	35.294	4.85	13.781	26.461	35.118	43.397	1.084	1512.5	545.	172.58	2.150
600.	13.350	35.228	4.90	13.265	26.517	35.193	43.492	1.169	1511.5	595.	168.25	1.972
700.	12.260	35.085	4.93	12.166	26.624	35.345	43.685	1.333	1509.4	694.	159.59	1.959
800.	11.136	34.937	4.98	11.034	26.721	35.490	43.874	1.489	1507.0	793.	151.29	1.910
900.	9.826	34.784	4.96	9.719	26.831	35.657	44.095	1.636	1503.8	892.	140.94	2.064
1000.	8.455	34.645	4.86	8.346	26.943	35.831	44.327	1.771	1500.2	990.	129.66	2.118
1100.	6.895	34.510	4.84	6.787	27.062	36.024	44.589	1.894	1495.8	1089.	116.53	2.237
1200.	5.471	34.418	4.92	5.365	27.171	36.202	44.833	2.003	1491.7	1188.	103.95	2.173
1300.	4.644	34.410	4.69	4.536	27.260	36.332	45.002	2.102	1490.0	1287.	94.37	1.905
1400.	4.076	34.417	4.51	3.965	27.326	36.428	45.125	2.192	1489.3	1385.	87.32	1.650
1500.	3.655	34.456	4.27	3.540	27.400	36.523	45.240	2.276	1489.2	1484.	79.90	1.678
1600.	3.467	34.485	3.96	3.346	27.441	36.574	45.301	2.353	1490.1	1582.	76.13	1.249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16. 36.0 8.0
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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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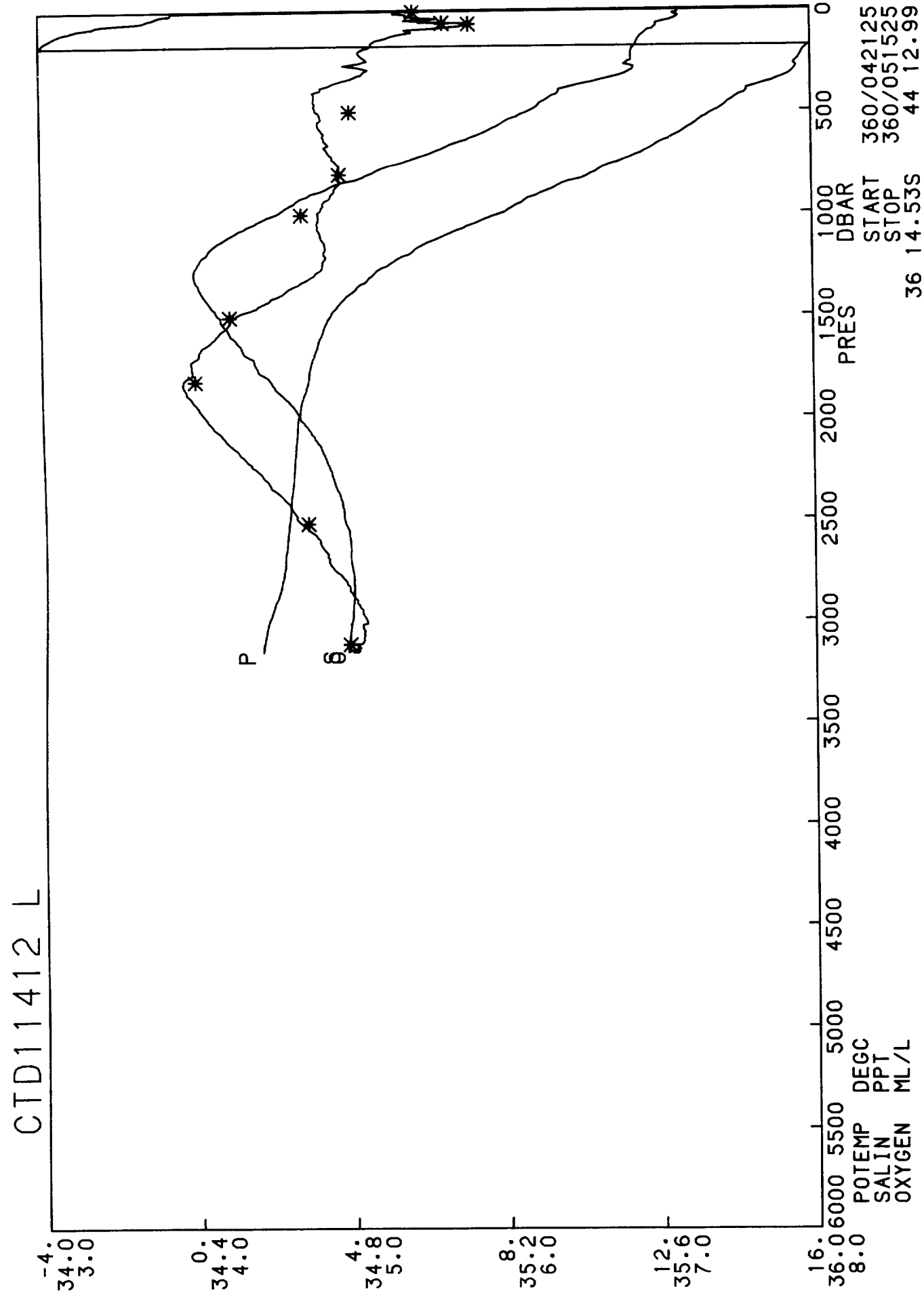
START 359/201015
STOP 359/210445
35 29.42S 44 53.25

DISCOVERY 164 STATION 11411

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.121	35.627	5.65	19.119	25.471	33.940	42.045	0.025	1519.9	10.	250.36	-999.000
20.	18.749	35.631	5.78	18.746	25.570	34.051	42.167	0.050	1519.0	20.	241.33	5.595
40.	18.240	35.638	5.91	18.233	25.704	34.201	42.332	0.097	1517.9	40.	229.34	4.604
60.	17.277	35.628	6.08	17.267	25.934	34.463	42.623	0.141	1515.4	60.	208.17	6.035
80.	16.984	35.625	5.66	16.970	26.002	34.541	42.711	0.182	1514.8	79.	202.34	3.301
100.	16.919	35.622	5.41	16.902	26.016	34.557	42.729	0.222	1514.9	99.	201.75	1.474
120.	16.808	35.613	5.27	16.789	26.036	34.582	42.757	0.262	1514.9	119.	200.50	1.807
140.	16.708	35.605	5.19	16.685	26.055	34.604	42.783	0.302	1515.0	139.	199.45	1.713
160.	16.619	35.599	5.15	16.593	26.072	34.624	42.806	0.342	1515.0	159.	198.52	1.651
180.	16.563	35.595	5.13	16.534	26.082	34.637	42.821	0.382	1515.2	179.	198.20	1.307
200.	16.499	35.590	5.11	16.466	26.094	34.651	42.837	0.421	1515.3	198.	197.74	1.391
220.	16.350	35.575	5.08	16.315	26.118	34.680	42.871	0.461	1515.2	218.	196.15	1.951
240.	16.182	35.559	5.06	16.144	26.146	34.714	42.911	0.500	1515.0	238.	194.13	2.127
260.	16.012	35.549	5.07	15.971	26.178	34.752	42.955	0.538	1514.8	258.	191.69	2.280
280.	15.929	35.550	5.12	15.884	26.198	34.775	42.981	0.577	1514.8	278.	190.42	1.805
300.	15.810	35.542	5.13	15.763	26.220	34.801	43.011	0.615	1514.8	298.	188.99	1.876
320.	15.726	35.542	5.15	15.676	26.239	34.824	43.036	0.652	1514.9	317.	187.75	1.786
340.	15.696	35.545	5.18	15.642	26.250	34.835	43.049	0.690	1515.1	337.	187.42	1.290
360.	15.693	35.549	5.19	15.636	26.254	34.840	43.053	0.727	1515.4	357.	187.72	0.788
380.	15.693	35.551	5.20	15.633	26.256	34.842	43.056	0.765	1515.8	377.	188.16	0.609
400.	15.692	35.551	5.20	15.629	26.257	34.843	43.057	0.803	1516.1	397.	188.71	0.452
450.	15.605	35.532	5.14	15.534	26.264	34.854	43.071	0.897	1516.6	446.	189.67	0.689
500.	14.854	35.409	4.86	14.778	26.337	34.955	43.199	0.991	1515.0	496.	183.72	2.250
550.	14.209	35.334	4.87	14.128	26.419	35.062	43.329	1.081	1513.6	545.	176.89	2.368
600.	13.658	35.280	4.99	13.571	26.494	35.158	43.445	1.168	1512.6	595.	170.78	2.258
700.	12.596	35.127	4.92	12.499	26.592	35.299	43.627	1.334	1510.6	694.	163.05	1.883
800.	11.331	34.962	4.97	11.228	26.705	35.465	43.842	1.492	1507.7	793.	153.11	2.053
900.	9.937	34.798	4.98	9.829	26.824	35.645	44.078	1.640	1504.2	892.	141.82	2.141
1000.	8.519	34.655	4.88	8.410	26.941	35.826	44.319	1.777	1500.5	990.	129.96	2.164
1100.	7.193	34.539	4.80	7.082	27.044	35.991	44.543	1.902	1497.0	1089.	119.00	2.071
1200.	5.629	34.426	4.92	5.522	27.159	36.182	44.805	2.014	1492.3	1188.	105.56	2.241
1300.	4.681	34.396	4.82	4.574	27.245	36.316	44.984	2.114	1490.1	1287.	95.88	1.915
1400.	4.068	34.414	4.55	3.957	27.324	36.426	45.124	2.206	1489.2	1385.	87.47	1.785
1500.	3.705	34.461	4.30	3.589	27.399	36.519	45.234	2.290	1489.4	1484.	80.16	1.668
1600.	3.351	34.506	4.12	3.231	27.470	36.608	45.340	2.366	1489.7	1582.	73.08	1.637
1700.	3.207	34.534	4.05	3.079	27.506	36.652	45.391	2.437	1490.8	1681.	69.91	1.158
1800.	3.026	34.583	4.00	2.892	27.562	36.718	45.465	2.505	1491.7	1779.	64.64	1.429
1900.	2.895	34.620	4.01	2.754	27.604	36.766	45.520	2.567	1492.9	1878.	60.92	1.228
2000.	2.843	34.640	4.01	2.694	27.625	36.791	45.547	2.627	1494.4	1976.	59.35	0.880
2100.	2.797	34.665	4.02	2.639	27.650	36.817	45.576	2.686	1495.9	2074.	57.55	0.922
2200.	2.760	34.683	4.08	2.594	27.668	36.838	45.599	2.743	1497.5	2173.	56.32	0.809
2300.	2.689	34.712	4.20	2.515	27.698	36.872	45.636	2.798	1498.9	2271.	53.83	1.041
2400.	2.645	34.742	4.33	2.462	27.727	36.903	45.669	2.851	1500.4	2369.	51.61	0.994
2500.	2.641	34.765	4.44	2.448	27.747	36.923	45.690	2.902	1502.1	2467.	50.38	0.806
2600.	2.560	34.782	4.59	2.359	27.767	36.948	45.720	2.951	1503.5	2565.	48.60	0.915
2700.	2.488	34.801	4.80	2.279	27.790	36.975	45.749	2.999	1504.9	2663.	46.72	0.931
2800.	2.377	34.801	4.88	2.160	27.799	36.991	45.772	3.045	1506.1	2761.	45.63	0.770
2900.	2.311	34.805	4.94	2.086	27.808	37.004	45.789	3.090	1507.5	2859.	44.92	0.675
3000.	2.232	34.808	5.01	1.999	27.818	37.018	45.807	3.134	1508.9	2957.	43.99	0.725
3100.	2.139	34.805	5.07	1.897	27.824	37.030	45.824	3.178	1510.2	3055.	43.27	0.668
3200.	1.889	34.791	5.08	1.643	27.832	37.052	45.860	3.220	1510.8	3153.	41.00	0.984
3300.	1.749	34.782	5.03	1.496	27.836	37.064	45.880	3.261	1511.9	3251.	39.98	0.724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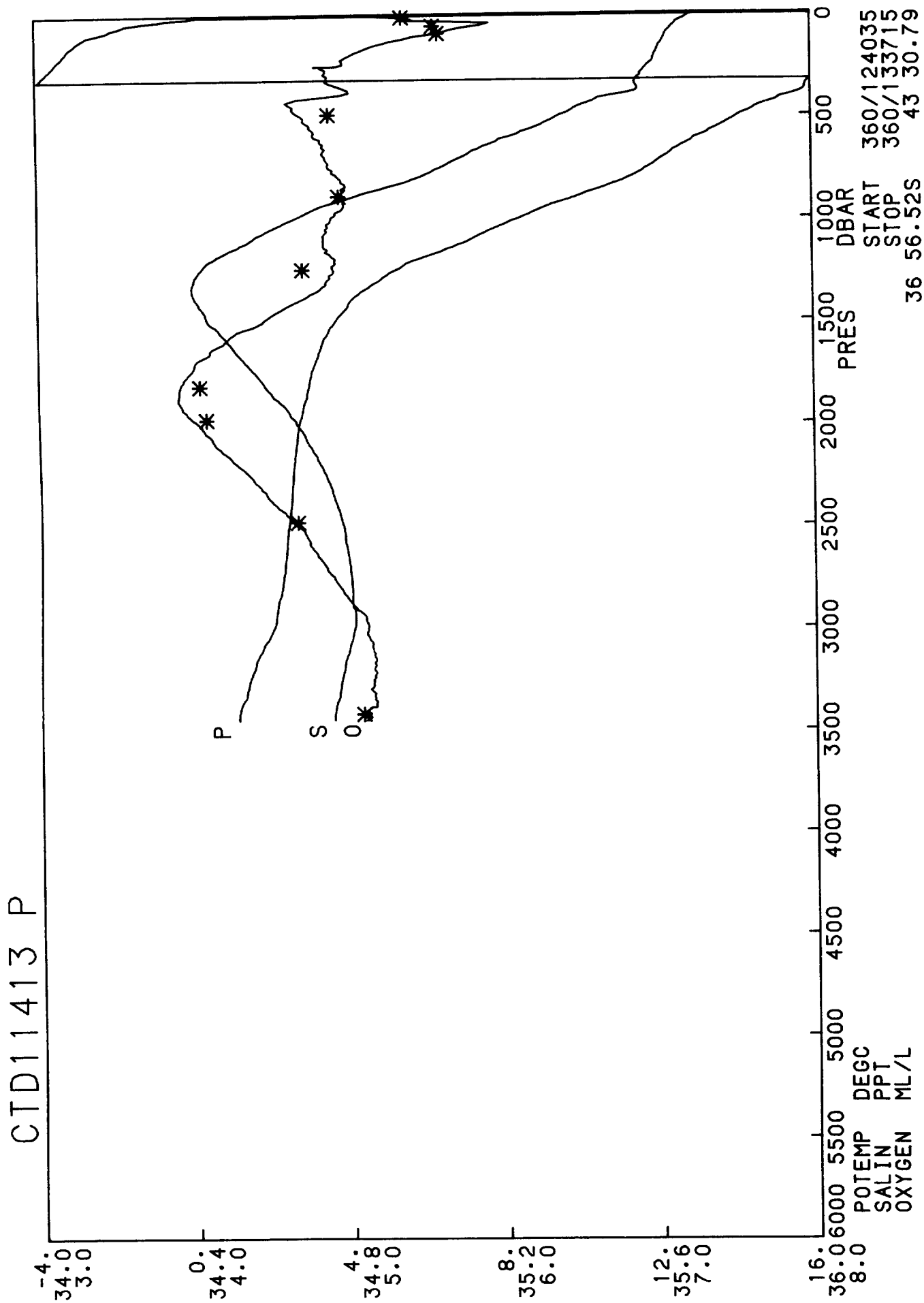
DISCOVERY 164 STATION 11412

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.447	35.658	5.31	19.445	25.411	33.870	41.964	0.026	1520.8	10.	256.10	-999.000
20.	19.203	35.646	5.37	19.199	25.465	33.932	42.034	0.051	1520.3	20.	251.34	4.139
40.	18.841	35.653	5.54	18.834	25.564	34.042	42.155	0.100	1519.6	40.	242.65	3.966
60.	17.873	35.619	5.62	17.862	25.781	34.291	42.433	0.148	1517.1	60.	222.72	5.864
80.	17.180	35.601	5.69	17.167	25.937	34.470	42.634	0.191	1515.4	79.	208.58	4.973
100.	16.668	35.580	5.39	16.652	26.043	34.594	42.774	0.231	1514.1	99.	199.10	4.120
120.	16.389	35.567	5.32	16.370	26.099	34.659	42.849	0.271	1513.6	119.	194.48	2.976
140.	16.191	35.556	5.22	16.169	26.137	34.705	42.901	0.309	1513.3	139.	191.47	2.481
160.	16.074	35.550	5.16	16.048	26.161	34.732	42.932	0.347	1513.3	159.	189.94	1.922
180.	15.982	35.544	5.14	15.953	26.178	34.753	42.956	0.385	1513.3	179.	188.95	1.671
200.	15.857	35.537	5.07	15.826	26.201	34.781	42.988	0.423	1513.3	198.	187.36	1.945
220.	15.788	35.535	5.09	15.754	26.217	34.799	43.008	0.460	1513.4	218.	186.58	1.562
240.	15.733	35.536	5.12	15.695	26.231	34.815	43.027	0.497	1513.6	238.	185.87	1.517
260.	15.638	35.523	5.05	15.597	26.242	34.830	43.045	0.535	1513.6	258.	185.40	1.380
280.	15.669	35.542	5.08	15.625	26.251	34.837	43.051	0.572	1514.0	278.	185.29	1.141
300.	15.608	35.533	5.11	15.561	26.259	34.847	43.064	0.609	1514.2	298.	185.19	1.133
320.	15.493	35.510	5.06	15.443	26.267	34.861	43.081	0.646	1514.1	317.	184.97	1.215
340.	15.257	35.467	4.99	15.205	26.288	34.890	43.119	0.683	1513.6	337.	183.56	1.859
360.	14.960	35.422	4.90	14.906	26.319	34.933	43.172	0.719	1513.0	357.	181.04	2.300
380.	14.594	35.372	4.83	14.537	26.361	34.988	43.241	0.755	1512.1	377.	177.47	2.648
400.	14.393	35.347	4.78	14.334	26.385	35.020	43.280	0.790	1511.8	397.	175.66	2.017
450.	13.981	35.305	4.78	13.915	26.442	35.093	43.368	0.877	1511.2	446.	171.53	1.947
500.	13.604	35.266	4.80	13.532	26.491	35.157	43.446	0.962	1510.8	496.	167.99	1.835
550.	13.153	35.206	4.80	13.075	26.538	35.222	43.528	1.045	1510.0	545.	164.61	1.800
600.	12.757	35.155	4.84	12.674	26.578	35.279	43.599	1.127	1509.5	595.	161.74	1.695
700.	11.740	35.017	4.87	11.649	26.669	35.412	43.772	1.285	1507.5	694.	154.54	1.821
800.	10.469	34.857	4.93	10.371	26.777	35.574	43.985	1.434	1504.5	793.	144.95	2.011
900.	9.073	34.700	4.89	8.971	26.889	35.748	44.217	1.573	1500.9	891.	134.09	2.094
1000.	8.033	34.607	4.80	7.927	26.976	35.884	44.398	1.703	1498.6	990.	125.60	1.873
1100.	6.658	34.495	4.81	6.552	27.082	36.054	44.630	1.823	1494.8	1089.	114.12	2.105
1200.	5.594	34.425	4.84	5.487	27.162	36.187	44.811	1.932	1492.2	1188.	105.18	1.867
1300.	4.699	34.396	4.77	4.591	27.243	36.313	44.980	2.032	1490.2	1286.	96.10	1.861
1400.	4.033	34.421	4.54	3.923	27.334	36.438	45.136	2.124	1489.1	1385.	86.47	1.896
1500.	3.601	34.461	4.25	3.487	27.409	36.535	45.255	2.206	1489.0	1484.	78.82	1.700
1600.	3.365	34.493	4.13	3.245	27.457	36.595	45.326	2.283	1489.7	1582.	74.26	1.350
1700.	3.183	34.537	4.01	3.056	27.510	36.658	45.397	2.354	1490.7	1681.	69.39	1.384
1800.	3.058	34.582	3.94	2.923	27.559	36.713	45.458	2.421	1491.9	1779.	65.10	1.308
1900.	2.910	34.628	3.96	2.769	27.609	36.770	45.523	2.484	1493.0	1878.	60.52	1.342
2000.	2.785	34.669	4.05	2.636	27.653	36.821	45.580	2.543	1494.2	1976.	56.51	1.267
2100.	2.740	34.705	4.17	2.584	27.687	36.857	45.618	2.598	1495.7	2074.	53.87	1.065
2200.	2.690	34.734	4.30	2.524	27.715	36.888	45.651	2.650	1497.2	2172.	51.68	0.988
2300.	2.652	34.752	4.43	2.479	27.734	36.909	45.674	2.701	1498.8	2271.	50.40	0.818
2400.	2.584	34.771	4.56	2.402	27.755	36.934	45.703	2.751	1500.2	2369.	48.63	0.913
2500.	2.547	34.779	4.64	2.357	27.766	36.947	45.718	2.799	1501.7	2467.	48.08	0.643
2600.	2.490	34.793	4.79	2.290	27.783	36.967	45.741	2.847	1503.2	2565.	46.78	0.816
2700.	2.445	34.795	4.84	2.237	27.788	36.976	45.753	2.893	1504.7	2663.	46.55	0.548
2800.	2.373	34.802	4.95	2.156	27.801	36.993	45.774	2.939	1506.1	2761.	45.48	0.763
2900.	2.230	34.801	5.03	2.006	27.812	37.012	45.801	2.984	1507.2	2859.	43.97	0.852
3000.	2.044	34.797	5.09	1.815	27.824	37.034	45.833	3.027	1508.1	2957.	42.08	0.920
3100.	1.939	34.789	5.07	1.702	27.826	37.043	45.848	3.069	1509.3	3055.	41.50	0.620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SALIN PPT
OXYGEN ML/L
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START 360/124035
STOP 360/133715
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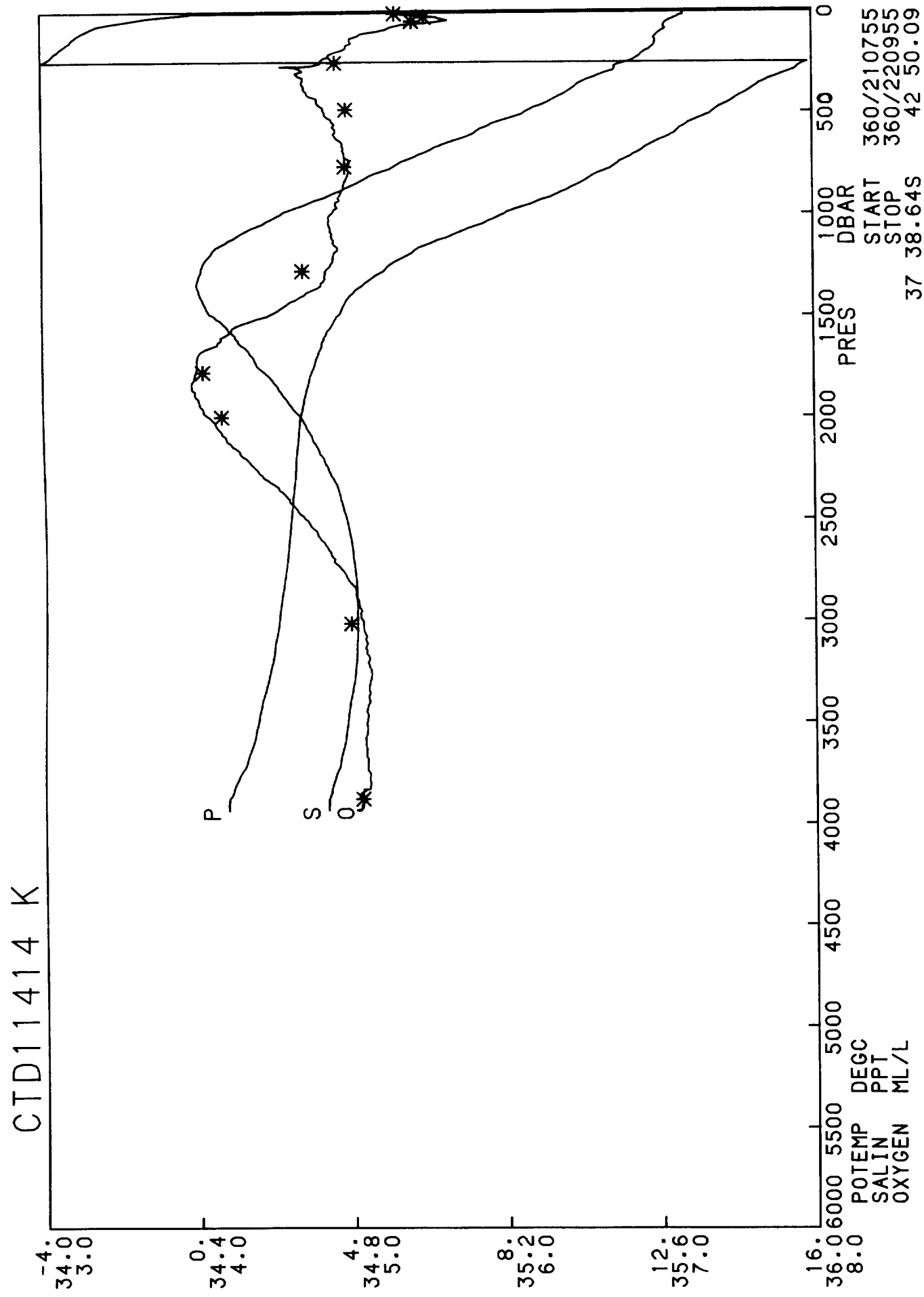
DISCOVERY 164 STATION 11413

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	20.034	35.690	5.22	20.033	25.281	33.721	41.799	0.027	1522.5	10.	268.47	-999.000
20.	19.370	35.681	5.39	19.366	25.448	33.909	42.006	0.053	1520.8	20.	252.91	7.281
40.	18.474	35.659	5.82	18.467	25.662	34.151	42.275	0.102	1518.6	40.	233.34	5.814
60.	18.075	35.648	5.81	18.065	25.753	34.256	42.392	0.148	1517.7	60.	225.36	3.812
80.	17.769	35.638	5.66	17.755	25.822	34.335	42.480	0.192	1517.2	79.	219.58	3.295
100.	17.340	35.628	5.54	17.323	25.920	34.447	42.606	0.235	1516.2	99.	210.94	3.949
120.	17.158	35.623	5.38	17.138	25.961	34.494	42.659	0.277	1516.0	119.	207.76	2.549
140.	17.023	35.618	5.25	16.999	25.990	34.528	42.697	0.318	1515.9	139.	205.70	2.148
160.	16.885	35.610	5.16	16.859	26.017	34.560	42.734	0.359	1515.8	159.	203.74	2.110
180.	16.799	35.605	5.09	16.770	26.035	34.581	42.757	0.400	1515.9	179.	202.79	1.664
200.	16.710	35.600	5.03	16.677	26.052	34.602	42.781	0.440	1516.0	198.	201.80	1.682
220.	16.593	35.595	4.98	16.557	26.077	34.631	42.814	0.481	1515.9	218.	200.10	2.001
240.	16.506	35.589	4.99	16.467	26.094	34.650	42.836	0.521	1516.0	238.	199.20	1.629
260.	16.407	35.577	4.85	16.364	26.108	34.669	42.858	0.560	1516.0	258.	198.44	1.560
280.	16.299	35.568	4.87	16.254	26.127	34.691	42.884	0.600	1516.0	278.	197.33	1.736
300.	16.184	35.562	4.88	16.135	26.150	34.718	42.915	0.639	1516.0	298.	195.80	1.921
320.	16.070	35.551	4.88	16.019	26.168	34.741	42.942	0.678	1515.9	317.	194.65	1.748
340.	15.959	35.547	4.92	15.905	26.191	34.768	42.973	0.717	1515.9	337.	193.10	1.931
360.	15.905	35.553	4.99	15.848	26.209	34.788	42.994	0.756	1516.1	357.	192.06	1.690
380.	15.851	35.548	5.03	15.791	26.218	34.798	43.007	0.794	1516.3	377.	191.87	1.200
400.	15.557	35.493	4.86	15.494	26.243	34.834	43.053	0.832	1515.6	397.	189.98	2.067
450.	14.773	35.403	4.66	14.705	26.348	34.969	43.216	0.925	1513.9	446.	181.02	2.659
500.	14.231	35.348	4.72	14.157	26.424	35.065	43.331	1.014	1512.9	496.	174.96	2.257
550.	13.768	35.294	4.77	13.689	26.480	35.140	43.423	1.100	1512.2	545.	170.70	1.966
600.	13.227	35.221	4.80	13.143	26.536	35.217	43.520	1.185	1511.1	595.	166.31	1.980
700.	12.310	35.094	4.87	12.215	26.621	35.340	43.679	1.348	1509.6	694.	159.87	1.760
800.	11.423	34.976	4.96	11.319	26.699	35.456	43.829	1.505	1508.0	793.	153.80	1.706
900.	9.921	34.795	4.98	9.814	26.824	35.645	44.079	1.653	1504.1	891.	141.82	2.196
1000.	8.512	34.654	4.90	8.402	26.941	35.826	44.320	1.788	1500.5	990.	129.97	2.163
1100.	7.307	34.550	4.85	7.196	27.037	35.979	44.525	1.913	1497.4	1089.	119.95	1.995
1200.	5.854	34.446	4.92	5.745	27.147	36.159	44.772	2.027	1493.2	1188.	107.31	2.183
1300.	4.932	34.403	4.87	4.822	27.223	36.281	44.937	2.130	1491.1	1286.	98.73	1.820
1400.	4.182	34.411	4.67	4.070	27.311	36.407	45.099	2.224	1489.7	1385.	89.13	1.898
1500.	3.788	34.440	4.45	3.671	27.374	36.491	45.201	2.310	1489.8	1484.	82.77	1.570
1600.	3.462	34.492	4.20	3.341	27.448	36.581	45.307	2.388	1490.1	1582.	75.53	1.655
1700.	3.273	34.536	4.01	3.145	27.501	36.644	45.379	2.461	1491.1	1681.	70.61	1.393
1800.	3.121	34.581	3.92	2.986	27.552	36.702	45.445	2.530	1492.2	1779.	66.03	1.347
1900.	2.993	34.628	3.91	2.850	27.602	36.759	45.507	2.594	1493.3	1877.	61.56	1.331
2000.	2.861	34.667	4.04	2.711	27.645	36.809	45.564	2.653	1494.5	1976.	57.65	1.255
2100.	2.794	34.698	4.14	2.637	27.676	36.844	45.602	2.709	1495.9	2074.	55.11	1.050
2200.	2.728	34.728	4.28	2.562	27.707	36.878	45.639	2.763	1497.4	2172.	52.62	1.042
2300.	2.686	34.751	4.42	2.512	27.730	36.903	45.667	2.815	1498.9	2271.	50.95	0.897
2400.	2.652	34.767	4.53	2.468	27.747	36.922	45.688	2.865	1500.5	2369.	49.83	0.784
2500.	2.591	34.783	4.66	2.400	27.765	36.944	45.713	2.914	1501.9	2467.	48.40	0.848
2600.	2.552	34.791	4.75	2.352	27.776	36.957	45.728	2.962	1503.5	2565.	47.82	0.652
2700.	2.503	34.799	4.84	2.293	27.787	36.971	45.745	3.010	1505.0	2663.	47.04	0.700
2800.	2.439	34.805	4.94	2.222	27.797	36.985	45.763	3.057	1506.4	2761.	46.27	0.698
2900.	2.331	34.808	5.04	2.105	27.809	37.004	45.788	3.102	1507.6	2859.	44.95	0.816
3000.	2.236	34.809	5.11	2.002	27.819	37.019	45.808	3.147	1508.9	2957.	43.94	0.744
3100.	1.952	34.796	5.14	1.715	27.830	37.046	45.850	3.189	1509.4	3055.	41.23	1.060
3200.	1.742	34.782	5.15	1.500	27.836	37.064	45.879	3.229	1510.2	3152.	39.51	0.875
3300.	1.563	34.771	5.13	1.316	27.840	37.079	45.904	3.268	1511.1	3250.	38.06	0.812
3400.	1.370	34.758	5.11	1.117	27.843	37.093	45.929	3.305	1511.9	3348.	36.47	0.832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STOP 360/2209 55
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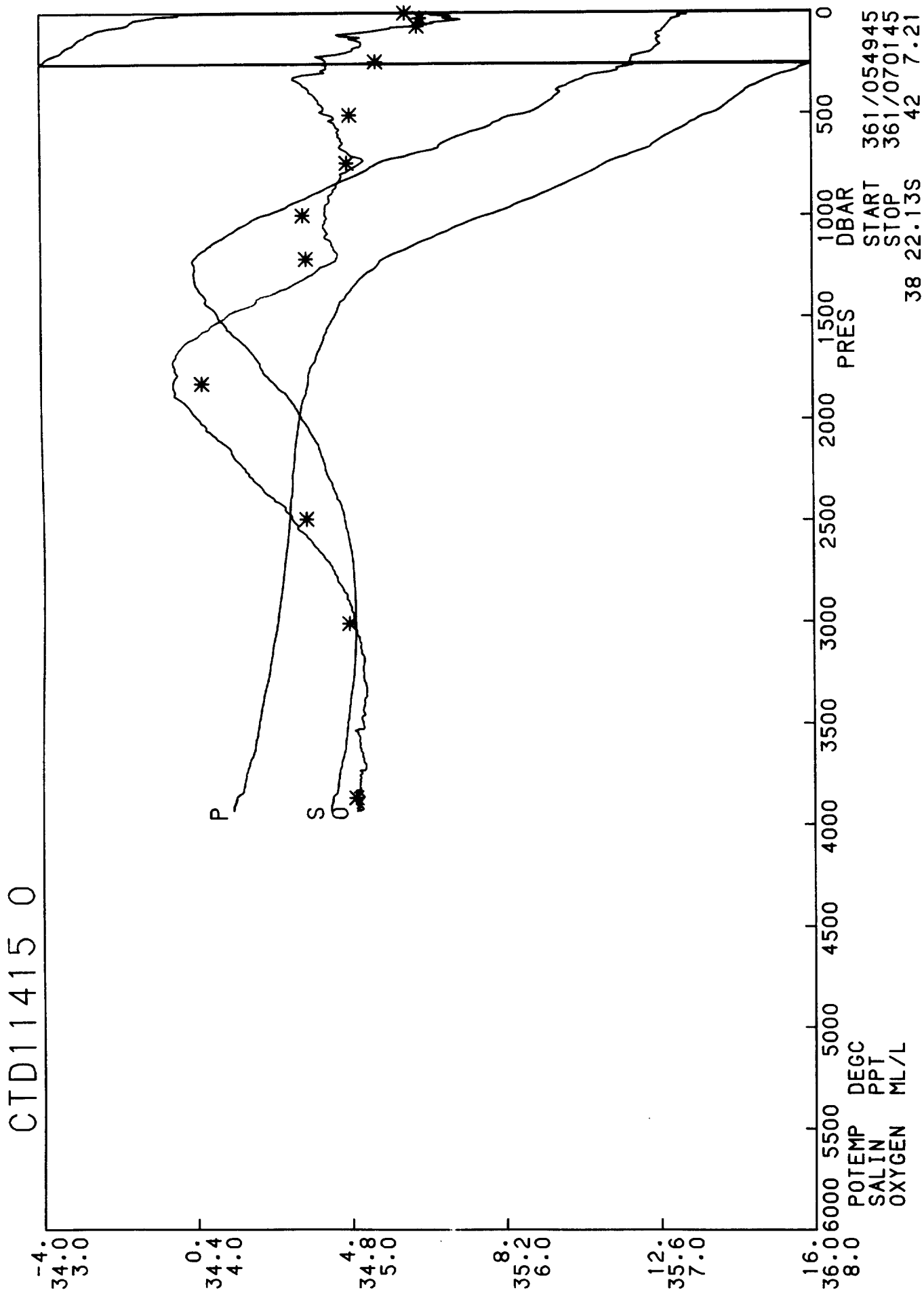
DISCOVERY 164 STATION 11414

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.865	35.669	5.28	19.863	25.310	33.756	41.838	0.027	1522.0	10.	265.69	-999.000
20.	19.241	35.668	5.43	19.237	25.472	33.937	42.038	0.052	1520.4	20.	250.65	7.162
40.	18.351	35.642	5.62	18.344	25.680	34.173	42.301	0.100	1518.2	40.	231.64	5.733
60.	17.659	35.622	5.45	17.649	25.836	34.353	42.502	0.145	1516.5	60.	217.45	4.983
80.	17.300	35.617	5.27	17.287	25.920	34.449	42.609	0.188	1515.7	79.	210.16	3.654
100.	17.077	35.612	5.17	17.061	25.971	34.507	42.674	0.229	1515.4	99.	206.06	2.830
120.	16.916	35.599	5.06	16.896	26.000	34.542	42.714	0.270	1515.2	119.	204.02	2.145
140.	16.807	35.595	5.01	16.784	26.023	34.569	42.745	0.311	1515.2	139.	202.46	1.945
160.	16.667	35.594	5.01	16.641	26.056	34.607	42.788	0.351	1515.2	159.	199.98	2.302
180.	16.522	35.586	4.98	16.493	26.085	34.641	42.826	0.391	1515.0	179.	197.93	2.143
200.	16.383	35.568	4.91	16.351	26.104	34.665	42.855	0.431	1514.9	198.	196.78	1.754
220.	16.284	35.556	4.87	16.248	26.119	34.683	42.877	0.470	1514.9	218.	196.03	1.551
240.	16.115	35.538	4.82	16.076	26.145	34.716	42.915	0.509	1514.7	238.	194.15	2.067
260.	15.863	35.507	4.79	15.822	26.180	34.760	42.968	0.548	1514.3	258.	191.45	2.374
280.	15.679	35.490	4.67	15.635	26.209	34.795	43.010	0.586	1514.0	278.	189.29	2.173
300.	15.497	35.475	4.67	15.451	26.238	34.832	43.052	0.623	1513.7	298.	187.04	2.208
320.	15.210	35.445	4.68	15.161	26.280	34.884	43.115	0.660	1513.1	317.	183.56	2.625
340.	14.916	35.416	4.70	14.865	26.323	34.938	43.179	0.697	1512.5	337.	179.98	2.658
360.	14.699	35.394	4.70	14.645	26.355	34.978	43.226	0.732	1512.1	357.	177.51	2.278
380.	14.551	35.382	4.71	14.494	26.378	35.007	43.260	0.768	1512.0	377.	175.86	1.952
400.	14.397	35.366	4.73	14.338	26.399	35.034	43.293	0.803	1511.8	397.	174.37	1.880
450.	13.953	35.316	4.80	13.887	26.456	35.108	43.383	0.889	1511.1	446.	170.18	1.956
500.	13.497	35.256	4.84	13.426	26.505	35.175	43.468	0.973	1510.4	496.	166.57	1.847
550.	12.929	35.180	4.90	12.853	26.562	35.255	43.569	1.055	1509.3	545.	162.05	1.998
600.	12.550	35.126	4.90	12.468	26.597	35.306	43.634	1.135	1508.7	595.	159.76	1.574
700.	11.544	34.990	4.97	11.453	26.685	35.436	43.804	1.292	1506.8	694.	152.80	1.795
800.	10.541	34.867	4.99	10.443	26.771	35.565	43.974	1.441	1504.8	793.	145.55	1.804
900.	9.508	34.752	4.94	9.403	26.859	35.698	44.149	1.583	1502.6	891.	137.75	1.837
1000.	8.091	34.617	4.87	7.984	26.976	35.880	44.392	1.715	1498.8	990.	125.80	2.165
1100.	6.774	34.510	4.88	6.667	27.078	36.045	44.615	1.835	1495.3	1089.	114.75	2.071
1200.	5.587	34.435	4.89	5.481	27.171	36.196	44.821	1.944	1492.2	1188.	104.33	1.998
1300.	4.761	34.407	4.83	4.652	27.245	36.312	44.976	2.044	1490.4	1286.	96.14	1.780
1400.	4.098	34.412	4.68	3.987	27.320	36.421	45.117	2.136	1489.4	1385.	87.96	1.763
1500.	3.768	34.448	4.44	3.652	27.383	36.500	45.212	2.221	1489.7	1483.	81.87	1.540
1600.	3.441	34.501	4.16	3.319	27.457	36.591	45.318	2.299	1490.1	1582.	74.61	1.658
1700.	3.252	34.546	4.01	3.124	27.512	36.655	45.391	2.371	1491.0	1680.	69.57	1.407
1800.	3.070	34.591	3.98	2.936	27.564	36.717	45.462	2.439	1491.9	1779.	64.65	1.388
1900.	2.941	34.629	4.00	2.799	27.607	36.767	45.518	2.502	1493.1	1877.	60.86	1.240
2000.	2.824	34.671	4.09	2.675	27.652	36.818	45.574	2.561	1494.4	1976.	56.84	1.268
2100.	2.779	34.699	4.19	2.622	27.679	36.847	45.606	2.616	1495.9	2074.	54.81	0.964
2200.	2.719	34.728	4.32	2.553	27.708	36.879	45.641	2.670	1497.3	2172.	52.48	1.015
2300.	2.693	34.753	4.44	2.519	27.731	36.903	45.667	2.722	1499.0	2270.	50.91	0.876
2400.	2.628	34.771	4.59	2.445	27.751	36.928	45.695	2.772	1500.4	2369.	49.27	0.890
2500.	2.588	34.786	4.70	2.396	27.768	36.946	45.716	2.821	1501.9	2467.	48.17	0.777
2600.	2.540	34.797	4.80	2.340	27.781	36.963	45.735	2.868	1503.4	2565.	47.23	0.740
2700.	2.497	34.803	4.88	2.288	27.791	36.975	45.750	2.915	1504.9	2663.	46.67	0.645
2800.	2.433	34.810	4.98	2.215	27.802	36.990	45.768	2.962	1506.4	2761.	45.80	0.721
2900.	2.363	34.812	5.04	2.137	27.810	37.003	45.785	3.007	1507.8	2859.	45.15	0.662
3000.	2.310	34.813	5.07	2.075	27.816	37.012	45.797	3.052	1509.3	2957.	44.80	0.576
3100.	2.230	34.811	5.09	1.986	27.821	37.022	45.812	3.096	1510.6	3054.	44.18	0.648
3200.	2.167	34.809	5.10	1.915	27.825	37.030	45.824	3.141	1512.0	3152.	43.84	0.567
3300.	2.049	34.803	5.11	1.790	27.830	37.042	45.842	3.184	1513.2	3250.	42.94	0.712
3400.	1.898	34.792	5.11	1.632	27.833	37.054	45.863	3.226	1514.3	3348.	41.85	0.748
3500.	1.805	34.785	5.09	1.531	27.835	37.062	45.876	3.268	1515.6	3445.	41.28	0.612
3600.	1.687	34.777	5.08	1.406	27.838	37.072	45.893	3.309	1516.8	3543.	40.38	0.694
3700.	1.512	34.765	5.09	1.225	27.841	37.085	45.916	3.348	1517.7	3641.	38.90	0.820
3800.	1.236	34.747	5.11	0.946	27.845	37.106	45.951	3.386	1518.2	3738.	36.23	1.032
3900.	1.050	34.734	5.05	0.755	27.848	37.119	45.975	3.421	1519.1	3836.	34.45	0.860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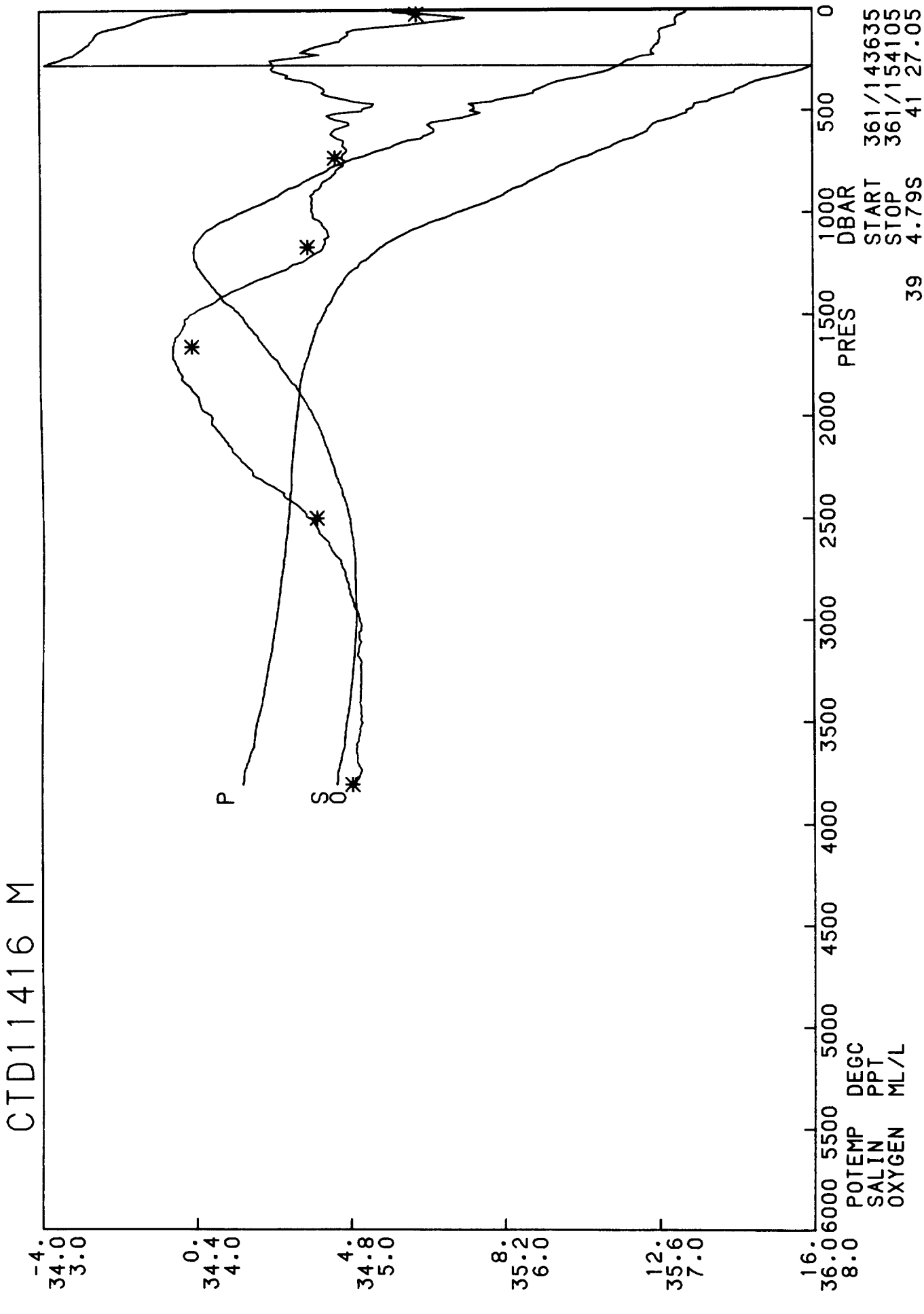
DISCOVERY 164 STATION 11415

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.606	35.679	5.56	19.605	25.385	33.839	41.929	0.026	1521.3	10.	258.51	-999.000
20.	18.988	35.660	5.67	18.984	25.531	34.004	42.112	0.051	1519.7	20.	245.06	6.782
40.	18.422	35.638	5.68	18.415	25.658	34.150	42.275	0.099	1518.4	40.	233.66	4.497
60.	18.255	35.629	5.48	18.245	25.694	34.192	42.322	0.145	1518.2	60.	230.99	2.386
80.	17.625	35.619	5.26	17.612	25.843	34.361	42.511	0.190	1516.7	79.	217.54	4.858
100.	17.320	35.606	5.07	17.303	25.908	34.436	42.596	0.233	1516.1	99.	212.08	3.210
120.	17.143	35.606	5.02	17.123	25.951	34.485	42.650	0.275	1515.9	119.	208.68	2.621
140.	16.973	35.601	5.06	16.950	25.989	34.529	42.699	0.316	1515.8	139.	205.79	2.450
160.	16.838	35.608	5.09	16.812	26.027	34.572	42.747	0.357	1515.7	159.	202.82	2.474
180.	16.647	35.593	5.03	16.618	26.061	34.613	42.794	0.398	1515.4	179.	200.22	2.349
200.	16.499	35.574	4.97	16.467	26.082	34.639	42.825	0.438	1515.3	198.	198.91	1.827
220.	16.231	35.536	4.81	16.196	26.116	34.682	42.878	0.477	1514.8	218.	196.30	2.346
240.	16.113	35.532	4.86	16.074	26.141	34.712	42.911	0.516	1514.7	238.	194.56	2.014
260.	15.972	35.537	4.86	15.931	26.178	34.753	42.957	0.555	1514.6	258.	191.70	2.429
280.	15.706	35.499	4.85	15.662	26.210	34.795	43.009	0.593	1514.1	278.	189.21	2.299
300.	15.421	35.462	4.79	15.374	26.246	34.842	43.065	0.630	1513.5	298.	186.29	2.446
320.	15.069	35.413	4.64	15.020	26.287	34.897	43.132	0.667	1512.7	317.	182.83	2.618
340.	14.829	35.388	4.68	14.777	26.321	34.939	43.183	0.704	1512.2	337.	180.15	2.354
360.	14.615	35.366	4.71	14.561	26.351	34.978	43.229	0.739	1511.8	357.	177.80	2.234
380.	14.380	35.341	4.74	14.323	26.383	35.018	43.279	0.775	1511.4	377.	175.25	2.303
400.	14.263	35.345	4.76	14.204	26.411	35.051	43.315	0.810	1511.3	397.	173.11	2.150
450.	13.909	35.310	4.82	13.844	26.460	35.114	43.391	0.895	1511.0	446.	169.71	1.814
500.	13.479	35.253	4.85	13.408	26.507	35.178	43.471	0.979	1510.3	496.	166.42	1.789
550.	12.897	35.172	4.91	12.821	26.563	35.258	43.573	1.061	1509.1	545.	161.94	1.989
600.	12.404	35.097	4.94	12.322	26.603	35.318	43.652	1.142	1508.2	595.	159.01	1.701
700.	11.359	34.953	5.01	11.269	26.691	35.449	43.825	1.298	1506.1	694.	152.00	1.797
800.	10.179	34.817	4.95	10.083	26.795	35.605	44.028	1.445	1503.4	792.	142.72	1.979
900.	9.002	34.698	4.87	8.900	26.898	35.760	44.233	1.583	1500.7	891.	133.07	1.992
1000.	7.620	34.570	4.85	7.517	27.007	35.934	44.466	1.711	1497.0	990.	121.78	2.105
1100.	6.315	34.479	4.85	6.211	27.114	36.103	44.694	1.826	1493.5	1089.	110.27	2.100
1200.	5.100	34.403	4.92	4.998	27.202	36.252	44.900	1.931	1490.2	1188.	99.98	1.978
1300.	4.443	34.399	4.73	4.338	27.273	36.356	45.035	2.028	1489.1	1286.	92.54	1.698
1400.	4.013	34.426	4.42	3.903	27.340	36.444	45.144	2.117	1489.0	1385.	85.86	1.609
1500.	3.707	34.461	4.19	3.591	27.398	36.519	45.233	2.200	1489.5	1483.	80.20	1.491
1600.	3.452	34.509	4.00	3.330	27.462	36.596	45.322	2.277	1490.1	1582.	74.16	1.527
1700.	3.245	34.558	3.87	3.117	27.522	36.665	45.402	2.348	1491.0	1680.	68.62	1.467
1800.	3.058	34.592	3.87	2.923	27.566	36.720	45.466	2.414	1491.9	1779.	64.40	1.300
1900.	2.923	34.644	3.90	2.782	27.621	36.781	45.533	2.477	1493.1	1877.	59.47	1.386
2000.	2.824	34.677	4.02	2.675	27.657	36.822	45.579	2.534	1494.4	1976.	56.41	1.133
2100.	2.753	34.710	4.15	2.596	27.689	36.859	45.619	2.589	1495.8	2074.	53.70	1.077
2200.	2.703	34.730	4.26	2.538	27.711	36.883	45.646	2.642	1497.3	2172.	52.09	0.884
2300.	2.666	34.749	4.38	2.492	27.730	36.904	45.669	2.694	1498.8	2270.	50.82	0.817
2400.	2.611	34.771	4.51	2.429	27.753	36.930	45.698	2.744	1500.3	2368.	49.04	0.915
2500.	2.584	34.785	4.63	2.393	27.767	36.946	45.716	2.792	1501.9	2467.	48.18	0.723
2600.	2.542	34.796	4.75	2.342	27.781	36.962	45.734	2.840	1503.4	2565.	47.30	0.726
2700.	2.482	34.806	4.86	2.273	27.794	36.979	45.754	2.887	1504.9	2663.	46.31	0.749
2800.	2.439	34.809	4.92	2.221	27.801	36.989	45.767	2.933	1506.4	2761.	45.95	0.585
2900.	2.376	34.812	4.99	2.150	27.809	37.001	45.782	2.979	1507.8	2859.	45.32	0.658
3000.	2.321	34.813	5.03	2.085	27.815	37.011	45.795	3.024	1509.3	2956.	44.89	0.602
3100.	2.230	34.812	5.07	1.987	27.822	37.023	45.813	3.068	1510.6	3054.	44.13	0.684
3200.	2.159	34.809	5.08	1.907	27.826	37.032	45.825	3.112	1512.0	3152.	43.70	0.591
3300.	2.074	34.804	5.10	1.814	27.830	37.040	45.839	3.156	1513.4	3250.	43.20	0.609
3400.	1.971	34.797	5.09	1.703	27.832	37.049	45.854	3.198	1514.6	3348.	42.58	0.637
3500.	1.884	34.790	5.08	1.608	27.834	37.056	45.866	3.241	1515.9	3445.	42.09	0.592
3600.	1.794	34.784	5.06	1.510	27.837	37.064	45.879	3.282	1517.3	3543.	41.50	0.616
3700.	1.641	34.774	5.09	1.350	27.839	37.076	45.900	3.323	1518.3	3640.	40.23	0.780
3800.	1.513	34.765	5.05	1.215	27.842	37.086	45.917	3.363	1519.5	3738.	39.20	0.719
3900.	1.254	34.747	5.04	0.953	27.846	37.105	45.951	3.401	1520.0	3835.	36.66	1.010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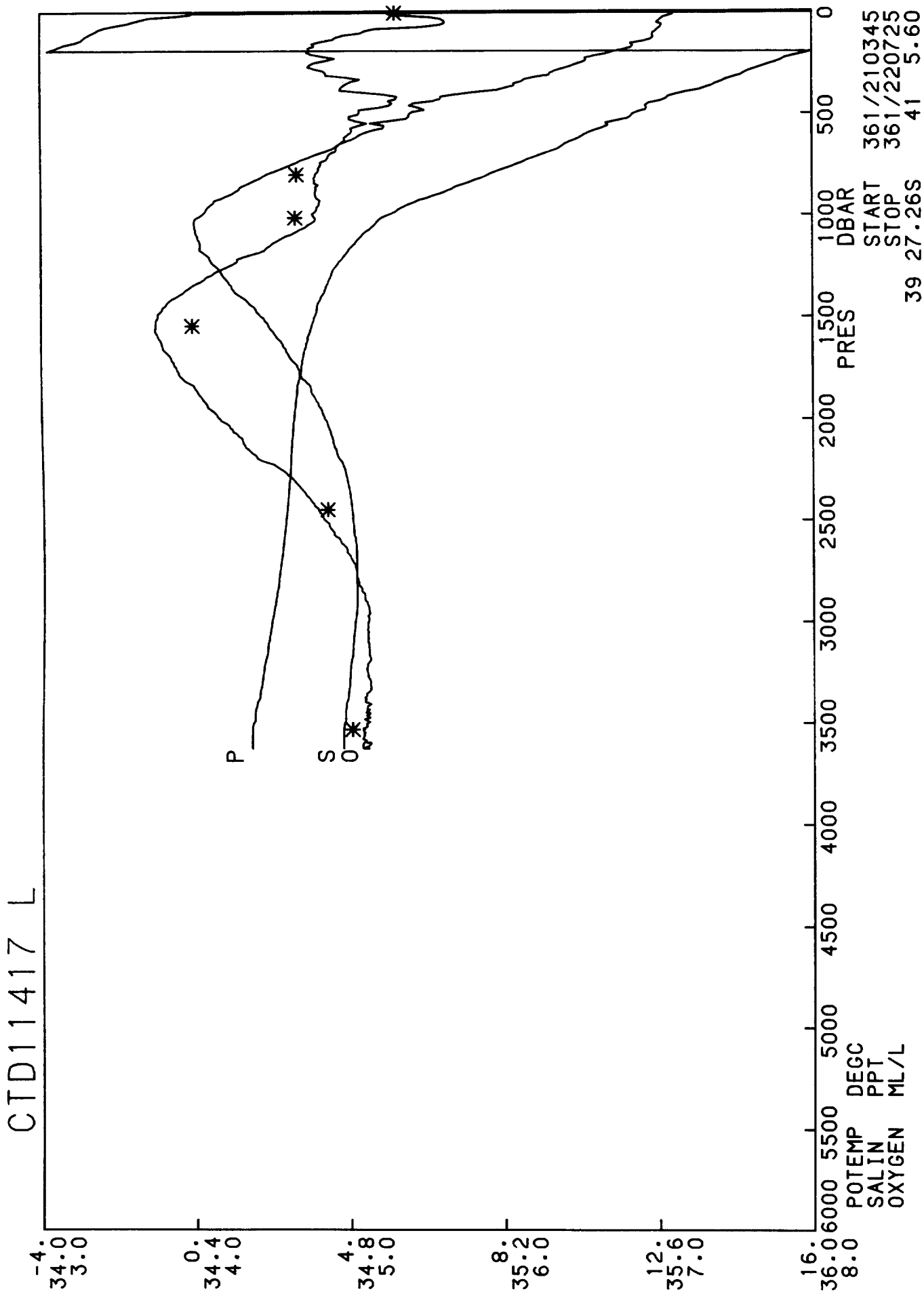
DISCOVERY 164 STATION 11416

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.852	35.674	5.34	19.851	25.317	33.763	41.846	0.027	1522.0	10.	265.04	-999.000
20.	19.490	35.669	5.43	19.487	25.408	33.865	41.959	0.053	1521.1	20.	256.75	5.371
40.	18.741	35.648	5.72	18.734	25.586	34.067	42.183	0.102	1519.3	40.	240.58	5.307
60.	18.453	35.646	5.56	18.443	25.658	34.148	42.273	0.150	1518.8	60.	234.50	3.373
80.	18.113	35.641	5.31	18.099	25.739	34.241	42.376	0.196	1518.2	79.	227.46	3.601
100.	17.640	35.606	5.03	17.623	25.830	34.348	42.498	0.240	1517.1	99.	219.48	3.808
120.	17.469	35.606	5.00	17.449	25.872	34.396	42.551	0.284	1516.9	119.	216.21	2.579
140.	17.408	35.607	4.96	17.385	25.889	34.414	42.571	0.327	1517.1	139.	215.37	1.618
160.	17.321	35.603	4.91	17.294	25.908	34.436	42.596	0.370	1517.1	159.	214.25	1.751
180.	17.191	35.593	4.80	17.161	25.932	34.465	42.629	0.413	1517.1	179.	212.68	1.954
200.	17.040	35.584	4.72	17.007	25.962	34.500	42.669	0.455	1516.9	198.	210.49	2.201
220.	16.911	35.591	4.80	16.874	25.999	34.542	42.715	0.497	1516.9	218.	207.64	2.435
240.	16.589	35.544	4.61	16.550	26.040	34.594	42.778	0.538	1516.2	238.	204.35	2.580
260.	16.277	35.515	-999.00	16.235	26.090	34.656	42.850	0.579	1515.5	258.	200.10	2.871
280.	16.042	35.498	4.52	15.997	26.133	34.707	42.909	0.618	1515.1	278.	196.67	2.619
300.	15.800	35.475	4.51	15.753	26.170	34.753	42.964	0.657	1514.7	298.	193.64	2.484
320.	15.409	35.434	4.59	15.359	26.227	34.824	43.049	0.696	1513.8	317.	188.69	3.061
340.	14.970	35.385	4.62	14.918	26.288	34.901	43.141	0.733	1512.6	337.	183.37	3.157
360.	14.548	35.334	4.76	14.494	26.341	34.970	43.225	0.769	1511.6	357.	178.71	2.971
380.	14.323	35.307	4.82	14.266	26.369	35.007	43.270	0.804	1511.2	377.	176.52	2.170
400.	14.069	35.281	4.85	14.011	26.403	35.051	43.322	0.840	1510.6	397.	173.76	2.374
450.	13.408	35.180	5.01	13.344	26.463	35.137	43.434	0.925	1509.2	446.	169.00	2.045
500.	12.821	35.116	5.09	12.752	26.533	35.231	43.549	1.008	1508.0	496.	163.30	2.183
550.	12.199	35.040	4.95	12.125	26.596	35.320	43.662	1.089	1506.6	545.	158.02	2.111
600.	11.806	35.022	4.90	11.728	26.658	35.398	43.755	1.166	1506.1	595.	153.08	2.050
700.	10.528	34.868	4.98	10.442	26.772	35.566	43.975	1.314	1503.1	694.	143.10	2.044
800.	9.288	34.734	4.91	9.197	26.879	35.728	44.187	1.452	1500.1	792.	133.35	2.004
900.	8.171	34.626	4.77	8.076	26.969	35.869	44.377	1.581	1497.5	891.	124.77	1.884
1000.	6.863	34.515	4.76	6.766	27.069	36.031	44.597	1.701	1494.0	990.	114.26	2.028
1100.	5.546	34.423	4.86	5.450	27.165	36.192	44.818	1.810	1490.3	1089.	103.48	2.028
1200.	4.709	34.398	4.77	4.610	27.242	36.311	44.977	1.909	1488.5	1187.	95.15	1.791
1300.	4.058	34.423	4.50	3.956	27.332	36.434	45.131	2.000	1487.5	1286.	85.80	1.871
1400.	3.710	34.467	4.19	3.603	27.402	36.522	45.235	2.082	1487.8	1385.	79.04	1.610
1500.	3.432	34.520	3.96	3.320	27.472	36.606	45.333	2.158	1488.4	1483.	72.39	1.592
1600.	3.201	34.562	3.88	3.083	27.528	36.674	45.412	2.228	1489.1	1582.	67.10	1.436
1700.	3.051	34.599	3.86	2.926	27.572	36.725	45.471	2.293	1490.2	1680.	63.15	1.263
1800.	2.891	34.639	3.92	2.759	27.619	36.781	45.534	2.353	1491.2	1779.	58.82	1.310
1900.	2.820	34.677	4.02	2.680	27.656	36.822	45.578	2.411	1492.7	1877.	55.75	1.133
2000.	2.770	34.707	4.11	2.622	27.685	36.853	45.612	2.465	1494.2	1975.	53.54	0.994
2100.	2.710	34.731	4.18	2.554	27.710	36.882	45.643	2.518	1495.6	2074.	51.58	0.950
2200.	2.658	34.749	4.28	2.493	27.730	36.904	45.669	2.568	1497.1	2172.	50.11	0.855
2300.	2.627	34.766	4.41	2.454	27.747	36.923	45.690	2.618	1498.7	2270.	49.03	0.775
2400.	2.601	34.785	4.59	2.418	27.765	36.943	45.711	2.666	1500.3	2368.	47.88	0.787
2500.	2.561	34.799	4.75	2.369	27.780	36.960	45.731	2.714	1501.8	2466.	46.86	0.761
2600.	2.508	34.807	4.84	2.308	27.792	36.975	45.749	2.760	1503.3	2564.	46.05	0.707
2700.	2.461	34.812	4.94	2.252	27.801	36.987	45.763	2.806	1504.8	2662.	45.54	0.631
2800.	2.398	34.813	4.98	2.181	27.808	36.998	45.777	2.852	1506.2	2760.	45.05	0.619
2900.	2.351	34.815	5.02	2.125	27.814	37.007	45.789	2.897	1507.7	2858.	44.73	0.571
3000.	2.293	34.815	5.06	2.059	27.819	37.016	45.802	2.941	1509.2	2956.	44.36	0.583
3100.	2.219	34.812	5.07	1.976	27.823	37.024	45.815	2.985	1510.6	3054.	43.97	0.583
3200.	2.138	34.808	5.07	1.886	27.827	37.033	45.828	3.029	1511.9	3152.	43.49	0.606
3300.	2.057	34.803	5.07	1.797	27.830	37.041	45.841	3.072	1513.3	3250.	43.03	0.594
3400.	1.976	34.797	5.06	1.708	27.832	37.048	45.853	3.115	1514.6	3347.	42.65	0.567
3500.	1.839	34.788	5.08	1.564	27.836	37.060	45.872	3.157	1515.7	3445.	41.56	0.745
3600.	1.775	34.783	5.04	1.492	27.837	37.066	45.882	3.199	1517.2	3543.	41.29	0.520
3700.	1.592	34.771	5.05	1.302	27.840	37.080	45.906	3.239	1518.1	3640.	39.70	0.846
3800.	1.495	34.763	5.04	1.198	27.842	37.088	45.919	3.279	1519.4	3738.	39.01	0.627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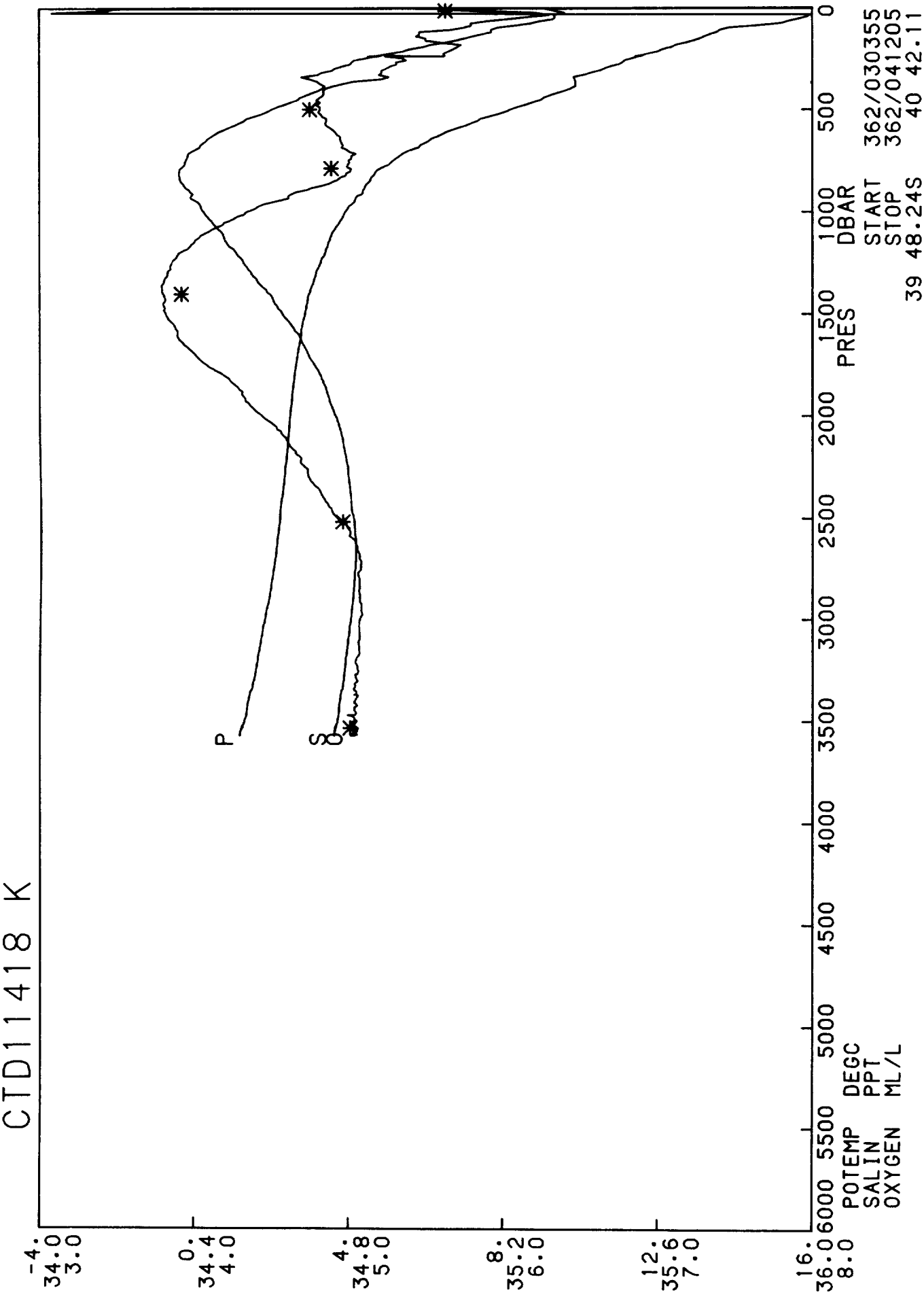
DISCOVERY 164 STATION 11417

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	19.919	35.641	5.28	19.917	25.274	33.719	41.800	0.027	1522.1	10.	269.07	-999.000
20.	19.539	35.631	5.36	19.535	25.367	33.823	41.916	0.053	1521.2	20.	260.66	5.408
40.	18.568	35.608	5.61	18.561	25.598	34.086	42.207	0.103	1518.8	40.	239.38	6.054
60.	18.111	35.605	5.61	18.100	25.711	34.214	42.349	0.150	1517.8	60.	229.34	4.235
80.	17.612	35.605	5.34	17.598	25.836	34.354	42.505	0.194	1516.7	79.	218.24	4.439
100.	17.388	35.593	5.09	17.371	25.882	34.408	42.566	0.238	1516.3	99.	214.57	2.705
120.	17.194	35.588	4.95	17.174	25.925	34.458	42.622	0.280	1516.1	119.	211.11	2.639
140.	17.039	35.577	4.87	17.016	25.954	34.493	42.662	0.322	1515.9	139.	209.03	2.157
160.	16.628	35.533	4.77	16.602	26.019	34.571	42.754	0.363	1515.0	159.	203.54	3.212
180.	16.350	35.526	4.74	16.321	26.079	34.642	42.833	0.404	1514.4	179.	198.41	3.118
200.	15.969	35.484	4.73	15.938	26.135	34.711	42.916	0.443	1513.6	198.	193.70	2.998
220.	15.517	35.435	4.84	15.483	26.200	34.793	43.013	0.481	1512.4	218.	187.98	3.262
240.	15.228	35.415	4.85	15.191	26.251	34.854	43.084	0.518	1511.8	238.	183.78	2.847
260.	14.907	35.387	4.75	14.867	26.301	34.916	43.157	0.555	1511.1	258.	179.54	2.855
280.	14.603	35.356	4.77	14.561	26.343	34.970	43.222	0.590	1510.5	278.	176.00	2.638
300.	14.314	35.325	4.85	14.269	26.382	35.020	43.282	0.625	1509.8	297.	172.78	2.535
320.	14.053	35.293	4.95	14.006	26.413	35.061	43.332	0.659	1509.3	317.	170.35	2.254
340.	13.747	35.252	5.04	13.698	26.446	35.106	43.389	0.693	1508.6	337.	167.62	2.361
360.	13.496	35.229	4.97	13.445	26.481	35.150	43.443	0.726	1508.0	357.	164.78	2.395
380.	13.213	35.198	4.95	13.160	26.515	35.196	43.498	0.759	1507.4	377.	161.94	2.391
400.	12.700	35.106	5.13	12.646	26.546	35.248	43.571	0.791	1505.9	397.	159.13	2.379
450.	11.835	34.967	5.28	11.776	26.607	35.345	43.701	0.869	1503.6	446.	154.05	2.075
500.	11.449	34.959	5.06	11.385	26.673	35.427	43.798	0.945	1503.1	496.	148.68	2.112
550.	10.752	34.868	5.10	10.685	26.730	35.514	43.913	1.019	1501.4	545.	143.83	2.019
600.	10.197	34.831	5.00	10.126	26.798	35.606	44.027	1.089	1500.2	595.	137.87	2.187
700.	9.054	34.710	4.87	8.976	26.896	35.754	44.224	1.223	1497.6	693.	129.31	1.898
800.	7.681	34.581	4.78	7.599	27.004	35.926	44.455	1.347	1493.9	792.	118.77	2.045
900.	6.300	34.485	4.78	6.217	27.118	36.107	44.697	1.460	1490.1	891.	106.95	2.124
1000.	5.084	34.416	4.77	5.001	27.212	36.261	44.909	1.561	1486.8	990.	96.69	1.974
1100.	4.413	34.406	4.60	4.326	27.280	36.363	45.043	1.654	1485.7	1089.	89.77	1.645
1200.	3.955	34.434	4.33	3.863	27.350	36.457	45.158	1.741	1485.5	1187.	82.88	1.629
1300.	3.613	34.474	4.08	3.515	27.417	36.541	45.259	1.820	1485.7	1286.	76.50	1.568
1400.	3.370	34.520	3.88	3.267	27.477	36.614	45.343	1.894	1486.4	1385.	70.91	1.473
1500.	3.200	34.573	3.76	3.090	27.536	36.682	45.419	1.962	1487.5	1483.	65.57	1.440
1600.	3.023	34.611	3.76	2.907	27.583	36.738	45.484	2.026	1488.4	1582.	61.28	1.308
1700.	2.903	34.646	3.84	2.780	27.622	36.783	45.535	2.085	1489.6	1680.	57.91	1.178
1800.	2.821	34.677	3.92	2.690	27.655	36.820	45.576	2.142	1491.0	1779.	55.21	1.075
1900.	2.739	34.712	4.05	2.600	27.691	36.860	45.620	2.195	1492.4	1877.	52.22	1.120
2000.	2.686	34.736	4.16	2.539	27.716	36.888	45.651	2.246	1493.8	1975.	50.30	0.941
2100.	2.641	34.756	4.30	2.486	27.736	36.910	45.675	2.295	1495.4	2074.	48.88	0.843
2200.	2.607	34.774	4.41	2.443	27.754	36.930	45.697	2.344	1496.9	2172.	47.67	0.801
2300.	2.579	34.792	4.63	2.406	27.772	36.950	45.718	2.391	1498.5	2270.	46.53	0.786
2400.	2.539	34.801	4.74	2.358	27.783	36.964	45.734	2.437	1500.0	2368.	45.88	0.670
2500.	2.490	34.806	4.83	2.300	27.792	36.976	45.749	2.483	1501.5	2466.	45.35	0.635
2600.	2.446	34.813	4.93	2.247	27.802	36.988	45.765	2.528	1503.0	2564.	44.77	0.646
2700.	2.389	34.816	5.01	2.182	27.810	37.000	45.779	2.572	1504.5	2662.	44.23	0.634
2800.	2.335	34.817	5.05	2.120	27.815	37.009	45.791	2.616	1506.0	2760.	43.93	0.563
2900.	2.266	34.817	5.10	2.042	27.821	37.019	45.806	2.660	1507.4	2858.	43.41	0.623
3000.	2.175	34.811	5.11	1.943	27.825	37.028	45.820	2.703	1508.7	2956.	42.92	0.608
3100.	2.098	34.806	5.12	1.857	27.828	37.036	45.832	2.746	1510.0	3054.	42.59	0.560
3200.	2.015	34.800	5.11	1.766	27.830	37.043	45.844	2.788	1511.4	3152.	42.23	0.560
3300.	1.947	34.796	5.13	1.690	27.833	37.050	45.855	2.830	1512.8	3249.	41.89	0.552
3400.	1.828	34.788	5.12	1.563	27.836	37.060	45.872	2.872	1514.0	3347.	41.06	0.684
3500.	1.737	34.782	5.10	1.465	27.838	37.068	45.886	2.913	1515.3	3445.	40.46	0.615
3600.	1.720	34.781	5.08	1.438	27.839	37.070	45.889	2.953	1516.9	3542.	40.65	0.319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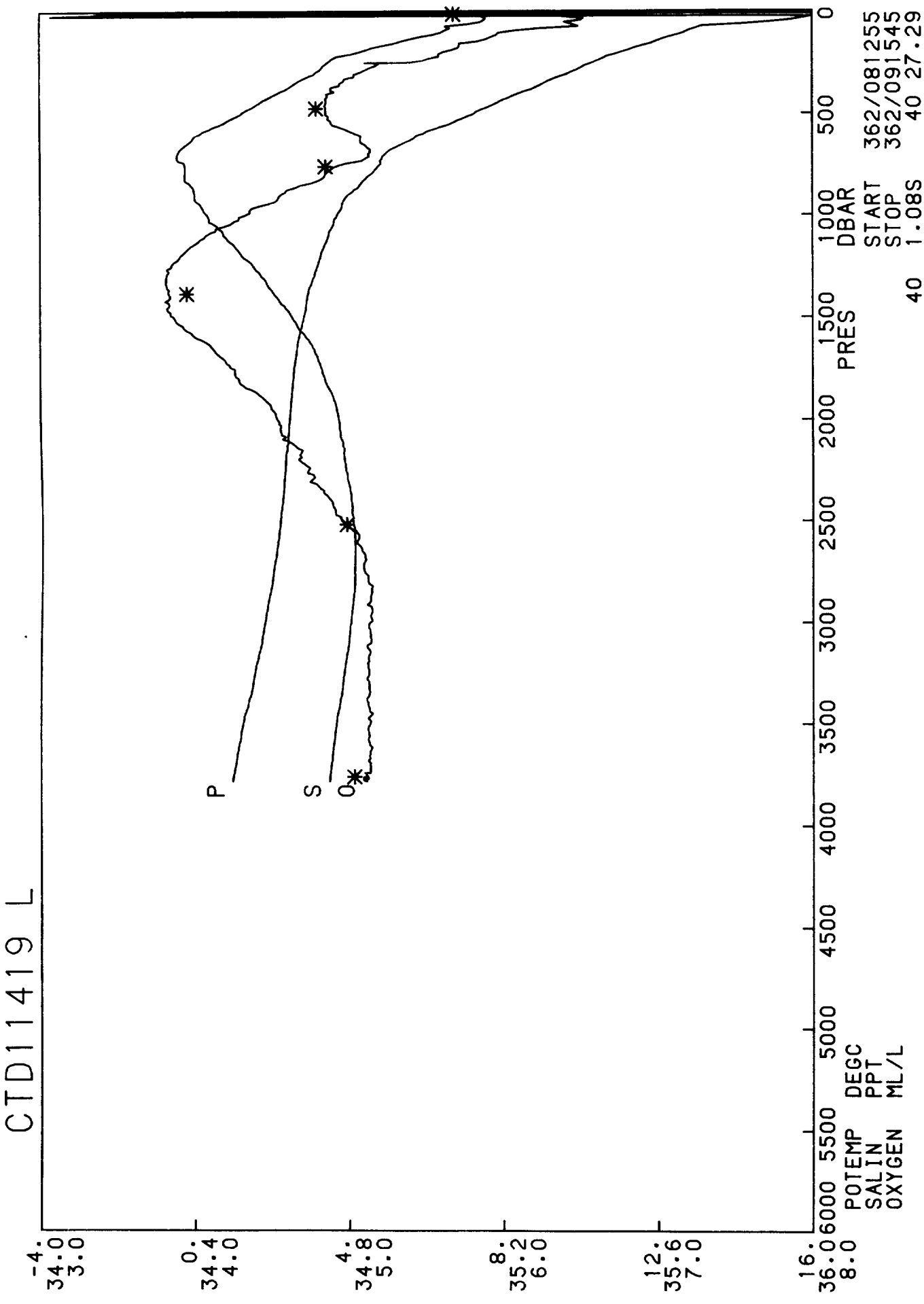
DISCOVERY 164 STATION 11418

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	17.798	35.327	5.70	17.796	25.574	34.089	42.237	0.024	1515.7	10.	240.55	-999.000
20.	16.705	35.352	6.09	16.702	25.854	34.406	42.588	0.047	1512.6	20.	214.07	9.446
40.	15.893	35.335	6.22	15.887	26.032	34.612	42.820	0.088	1510.5	40.	198.02	5.275
60.	15.500	35.310	5.96	15.491	26.102	34.696	42.918	0.127	1509.6	60.	191.97	3.346
80.	14.921	35.254	5.79	14.909	26.188	34.804	43.045	0.164	1508.0	79.	184.36	3.708
100.	13.789	35.181	5.72	13.774	26.375	35.033	43.314	0.200	1504.6	99.	167.11	5.457
120.	13.511	35.166	5.46	13.494	26.421	35.090	43.381	0.232	1504.0	119.	163.27	2.719
140.	13.225	35.120	5.45	13.205	26.445	35.126	43.428	0.265	1503.4	139.	161.53	1.971
160.	12.955	35.077	5.50	12.933	26.467	35.158	43.470	0.297	1502.8	159.	159.99	1.878
180.	12.528	35.018	5.71	12.504	26.506	35.215	43.543	0.329	1501.6	179.	156.69	2.541
200.	12.204	34.967	5.68	12.177	26.530	35.252	43.594	0.360	1500.8	198.	154.83	2.006
220.	11.870	34.917	5.63	11.841	26.556	35.292	43.646	0.391	1499.9	218.	152.80	2.070
240.	11.501	34.861	5.28	11.471	26.581	35.333	43.702	0.421	1498.9	238.	150.74	2.078
260.	11.180	34.814	5.36	11.148	26.604	35.370	43.752	0.451	1498.1	258.	148.91	1.972
280.	10.990	34.798	5.30	10.955	26.627	35.401	43.790	0.481	1497.7	278.	147.13	1.951
300.	10.657	34.764	5.24	10.621	26.660	35.448	43.851	0.510	1496.8	297.	144.30	2.356
320.	10.316	34.730	5.22	10.278	26.694	35.497	43.913	0.538	1495.9	317.	141.36	2.387
340.	9.890	34.681	5.26	9.851	26.729	35.550	43.984	0.566	1494.6	337.	138.22	2.453
360.	9.922	34.716	5.07	9.881	26.751	35.571	44.003	0.594	1495.1	357.	136.61	1.855
380.	9.924	34.734	4.93	9.880	26.765	35.585	44.017	0.621	1495.5	377.	135.70	1.508
400.	9.759	34.729	4.85	9.713	26.789	35.616	44.055	0.648	1495.2	397.	133.76	2.002
450.	9.053	34.670	4.80	9.003	26.859	35.718	44.186	0.713	1493.4	446.	127.55	2.208
500.	8.264	34.601	4.82	8.212	26.929	35.823	44.325	0.775	1491.2	496.	121.17	2.221
550.	7.446	34.533	4.86	7.392	26.996	35.929	44.467	0.834	1488.8	545.	114.76	2.214
600.	6.739	34.477	4.90	6.683	27.050	36.017	44.587	0.891	1486.8	595.	109.53	2.015
700.	5.648	34.399	5.00	5.588	27.129	36.150	44.770	0.996	1484.1	693.	101.86	1.748
800.	4.785	34.362	5.01	4.721	27.201	36.265	44.927	1.095	1482.2	792.	94.73	1.675
900.	4.447	34.390	4.68	4.377	27.261	36.342	45.020	1.187	1482.5	891.	89.50	1.457
1000.	3.986	34.426	4.34	3.911	27.339	36.443	45.143	1.273	1482.3	990.	82.16	1.675
1100.	3.666	34.473	4.08	3.585	27.409	36.530	45.244	1.352	1482.6	1089.	75.68	1.578
1200.	3.477	34.511	3.90	3.389	27.458	36.589	45.312	1.426	1483.6	1187.	71.38	1.318
1300.	3.250	34.550	3.83	3.156	27.511	36.653	45.388	1.495	1484.3	1286.	66.55	1.380
1400.	3.072	34.597	3.80	2.972	27.566	36.717	45.460	1.559	1485.3	1385.	61.66	1.383
1500.	2.974	34.630	3.82	2.866	27.602	36.758	45.506	1.619	1486.6	1483.	58.65	1.127
1600.	2.883	34.670	3.89	2.768	27.643	36.804	45.556	1.676	1487.9	1582.	55.25	1.183
1700.	2.797	34.697	4.01	2.675	27.672	36.838	45.594	1.730	1489.2	1680.	52.85	1.025
1800.	2.732	34.728	4.19	2.602	27.704	36.873	45.632	1.781	1490.7	1779.	50.34	1.044
1900.	2.678	34.748	4.32	2.539	27.725	36.897	45.659	1.831	1492.1	1877.	48.78	0.872
2000.	2.630	34.767	4.44	2.484	27.745	36.920	45.685	1.879	1493.6	1975.	47.34	0.848
2100.	2.586	34.784	4.58	2.432	27.763	36.940	45.707	1.926	1495.2	2074.	46.14	0.799
2200.	2.543	34.793	4.68	2.380	27.775	36.954	45.724	1.971	1496.7	2172.	45.42	0.686
2300.	2.489	34.800	4.74	2.318	27.785	36.968	45.741	2.017	1498.1	2270.	44.77	0.667
2400.	2.431	34.806	4.84	2.251	27.796	36.982	45.758	2.061	1499.6	2368.	44.06	0.679
2500.	2.385	34.813	4.93	2.197	27.806	36.995	45.774	2.105	1501.1	2466.	43.43	0.656
2600.	2.333	34.818	5.02	2.137	27.815	37.007	45.789	2.148	1502.6	2564.	42.84	0.642
2700.	2.289	34.818	5.07	2.084	27.820	37.015	45.800	2.191	1504.1	2662.	42.66	0.521
2800.	2.224	34.815	5.07	2.011	27.822	37.022	45.810	2.233	1505.5	2760.	42.48	0.516
2900.	2.154	34.811	5.07	1.933	27.826	37.030	45.822	2.276	1506.9	2858.	42.21	0.542
3000.	2.057	34.806	5.07	1.828	27.830	37.039	45.837	2.317	1508.2	2956.	41.62	0.630
3100.	1.965	34.798	5.07	1.727	27.831	37.047	45.850	2.359	1509.5	3054.	41.23	0.568
3200.	1.886	34.792	5.05	1.641	27.833	37.053	45.861	2.400	1510.8	3152.	40.89	0.545
3300.	1.794	34.786	5.06	1.541	27.836	37.062	45.875	2.441	1512.1	3249.	40.33	0.610
3400.	1.659	34.777	5.04	1.399	27.838	37.073	45.894	2.480	1513.2	3347.	39.35	0.709
3500.	1.566	34.770	5.04	1.298	27.841	37.080	45.907	2.520	1514.5	3445.	38.73	0.610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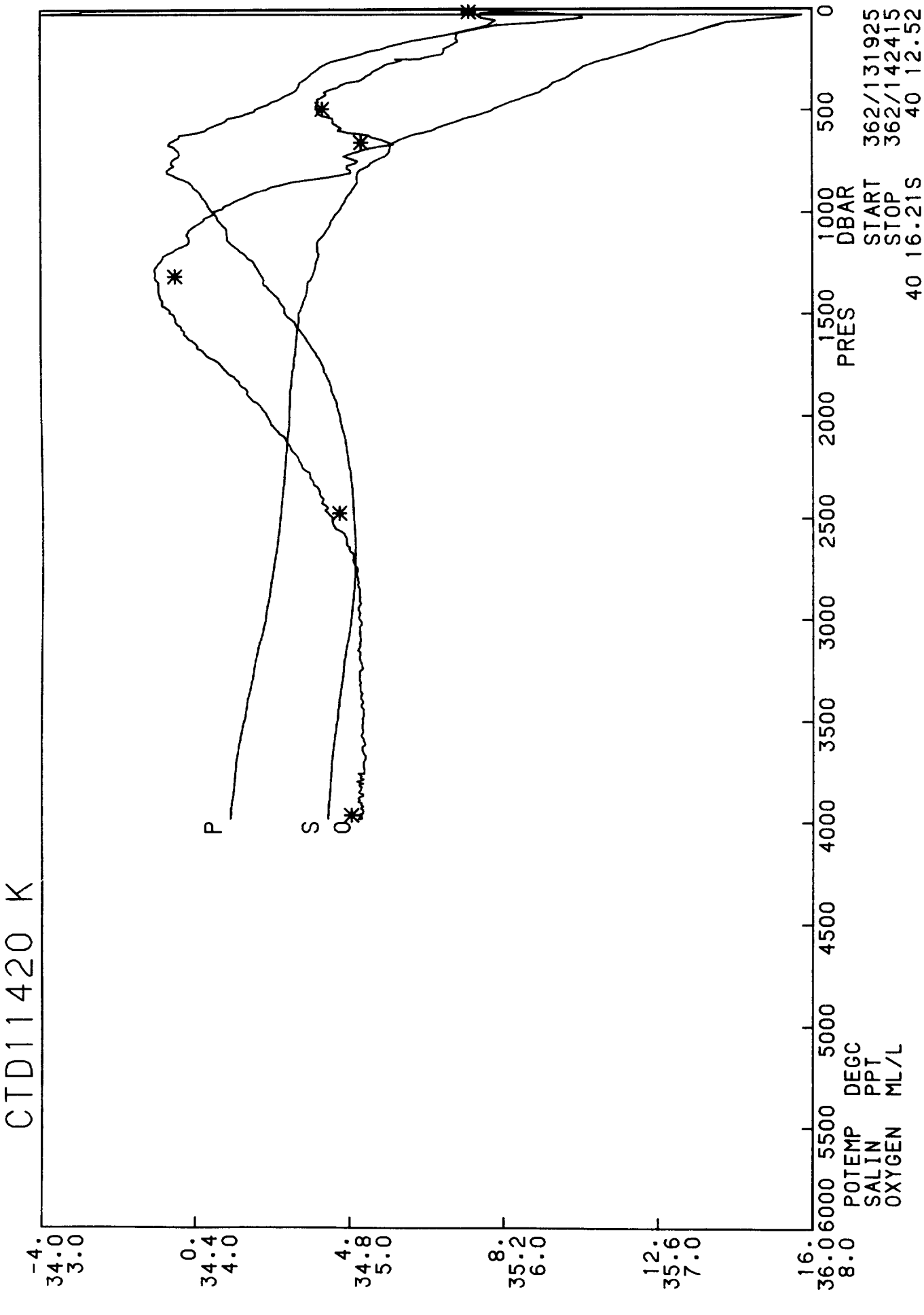
STOP 362/091545
40 1.08S 40 27.29

DISCOVERY 164 STATION 11419

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM $10^{-8}KG/M^3$	BVFR CY/HR
20.	16.675	35.119	6.02	16.672	25.683	34.239	42.425	0.050	1512.3	20.	230.38	-999.000
40.	15.563	35.153	6.51	15.557	25.967	34.561	42.782	0.092	1509.3	40.	204.16	6.687
60.	14.488	35.120	6.43	14.479	26.178	34.812	43.069	0.131	1506.2	60.	184.57	5.803
80.	13.060	35.058	6.35	13.049	26.428	35.116	43.424	0.165	1501.8	79.	161.32	6.302
100.	12.759	35.044	6.03	12.746	26.479	35.178	43.497	0.197	1501.1	99.	157.09	2.828
120.	12.448	35.005	5.95	12.432	26.510	35.222	43.553	0.228	1500.3	119.	154.62	2.247
140.	12.094	34.954	5.88	12.076	26.539	35.266	43.611	0.259	1499.4	139.	152.30	2.185
160.	11.805	34.912	5.72	11.784	26.563	35.301	43.658	0.289	1498.7	159.	150.52	1.967
180.	11.423	34.860	5.71	11.400	26.594	35.349	43.720	0.319	1497.6	179.	147.96	2.266
200.	11.116	34.826	5.61	11.092	26.624	35.392	43.776	0.348	1496.9	198.	145.47	2.238
220.	10.747	34.772	5.59	10.720	26.649	35.433	43.832	0.377	1495.8	218.	143.46	2.045
240.	10.499	34.753	5.49	10.471	26.678	35.473	43.881	0.406	1495.3	238.	141.05	2.196
260.	10.253	34.741	5.19	10.223	26.712	35.516	43.935	0.434	1494.7	258.	138.24	2.340
280.	10.027	34.730	5.13	9.994	26.742	35.557	43.985	0.461	1494.2	278.	135.67	2.249
300.	9.784	34.715	5.07	9.749	26.773	35.598	44.036	0.488	1493.6	297.	133.10	2.246
320.	9.507	34.695	5.04	9.471	26.803	35.641	44.090	0.514	1492.9	317.	130.46	2.272
340.	9.240	34.673	4.97	9.202	26.830	35.679	44.140	0.540	1492.3	337.	128.21	2.116
360.	9.038	34.656	4.94	8.998	26.850	35.708	44.177	0.566	1491.8	357.	126.58	1.851
380.	8.824	34.639	4.88	8.783	26.871	35.739	44.217	0.591	1491.4	377.	124.84	1.895
400.	8.513	34.616	4.88	8.470	26.901	35.784	44.275	0.615	1490.5	397.	122.07	2.304
450.	7.886	34.567	4.85	7.841	26.958	35.870	44.388	0.675	1488.9	446.	117.07	1.995
500.	7.305	34.522	4.85	7.256	27.006	35.946	44.490	0.733	1487.4	496.	112.76	1.865
550.	6.693	34.472	4.89	6.642	27.052	36.021	44.593	0.788	1485.8	545.	108.53	1.839
600.	5.978	34.414	5.05	5.925	27.099	36.103	44.708	0.841	1483.8	595.	103.87	1.902
700.	4.988	34.356	5.13	4.932	27.173	36.226	44.878	0.941	1481.4	693.	96.65	1.689
800.	4.624	34.376	4.85	4.561	27.230	36.302	44.971	1.035	1481.5	792.	91.76	1.422
900.	4.056	34.402	4.56	3.989	27.311	36.412	45.108	1.123	1480.9	891.	83.94	1.724
1000.	3.766	34.434	4.32	3.692	27.367	36.483	45.193	1.204	1481.4	990.	78.96	1.410
1100.	3.552	34.477	4.07	3.472	27.424	36.550	45.270	1.281	1482.2	1089.	74.01	1.400
1200.	3.352	34.524	3.91	3.265	27.481	36.617	45.347	1.352	1483.0	1187.	68.92	1.412
1300.	3.189	34.575	3.82	3.096	27.537	36.682	45.419	1.418	1484.1	1286.	63.97	1.393
1400.	3.016	34.614	3.84	2.917	27.584	36.738	45.483	1.480	1485.1	1385.	59.74	1.298
1500.	2.934	34.653	3.87	2.827	27.624	36.782	45.531	1.538	1486.4	1483.	56.47	1.165
1600.	2.810	34.691	4.02	2.696	27.666	36.830	45.585	1.593	1487.6	1582.	52.84	1.213
1700.	2.734	34.720	4.19	2.612	27.696	36.865	45.624	1.644	1489.0	1680.	50.37	1.036
1800.	2.674	34.738	4.29	2.545	27.717	36.888	45.651	1.694	1490.4	1779.	48.88	0.858
1900.	2.635	34.761	4.46	2.498	27.739	36.913	45.677	1.742	1492.0	1877.	47.27	0.881
2000.	2.594	34.774	4.54	2.448	27.753	36.930	45.696	1.789	1493.5	1975.	46.41	0.722
2100.	2.562	34.781	4.58	2.408	27.763	36.941	45.710	1.835	1495.1	2074.	45.99	0.607
2200.	2.504	34.788	4.67	2.342	27.774	36.956	45.728	1.880	1496.5	2172.	45.29	0.681
2300.	2.467	34.796	4.75	2.296	27.784	36.968	45.742	1.925	1498.0	2270.	44.74	0.637
2400.	2.429	34.805	4.88	2.250	27.795	36.981	45.758	1.970	1499.6	2368.	44.12	0.654
2500.	2.375	34.808	4.95	2.187	27.803	36.993	45.772	2.014	1501.0	2466.	43.63	0.619
2600.	2.322	34.813	5.04	2.126	27.812	37.005	45.788	2.057	1502.5	2564.	43.04	0.644
2700.	2.257	34.813	5.10	2.052	27.818	37.015	45.801	2.100	1503.9	2662.	42.60	0.599
2800.	2.195	34.813	5.12	1.982	27.823	37.024	45.814	2.142	1505.4	2760.	42.20	0.582
2900.	2.102	34.808	5.13	1.881	27.828	37.034	45.830	2.184	1506.6	2858.	41.65	0.621
3000.	2.028	34.803	5.13	1.800	27.830	37.041	45.841	2.226	1508.0	2956.	41.40	0.528
3100.	1.957	34.798	5.13	1.720	27.831	37.047	45.851	2.267	1509.4	3054.	41.16	0.517
3200.	1.833	34.789	5.12	1.588	27.834	37.058	45.868	2.308	1510.6	3152.	40.36	0.676
3300.	1.744	34.782	5.13	1.492	27.836	37.064	45.880	2.348	1511.9	3249.	39.94	0.562
3400.	1.628	34.774	5.12	1.369	27.838	37.074	45.897	2.387	1513.1	3347.	39.09	0.674
3500.	1.496	34.765	5.13	1.230	27.841	37.085	45.915	2.426	1514.2	3445.	38.07	0.711
3600.	1.399	34.758	5.13	1.125	27.842	37.092	45.928	2.464	1515.5	3542.	37.40	0.615
3700.	1.324	34.752	5.13	1.042	27.843	37.098	45.938	2.501	1516.9	3640.	36.96	0.542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6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
PRES DBAR
START 362/131925
STOP 362/142415
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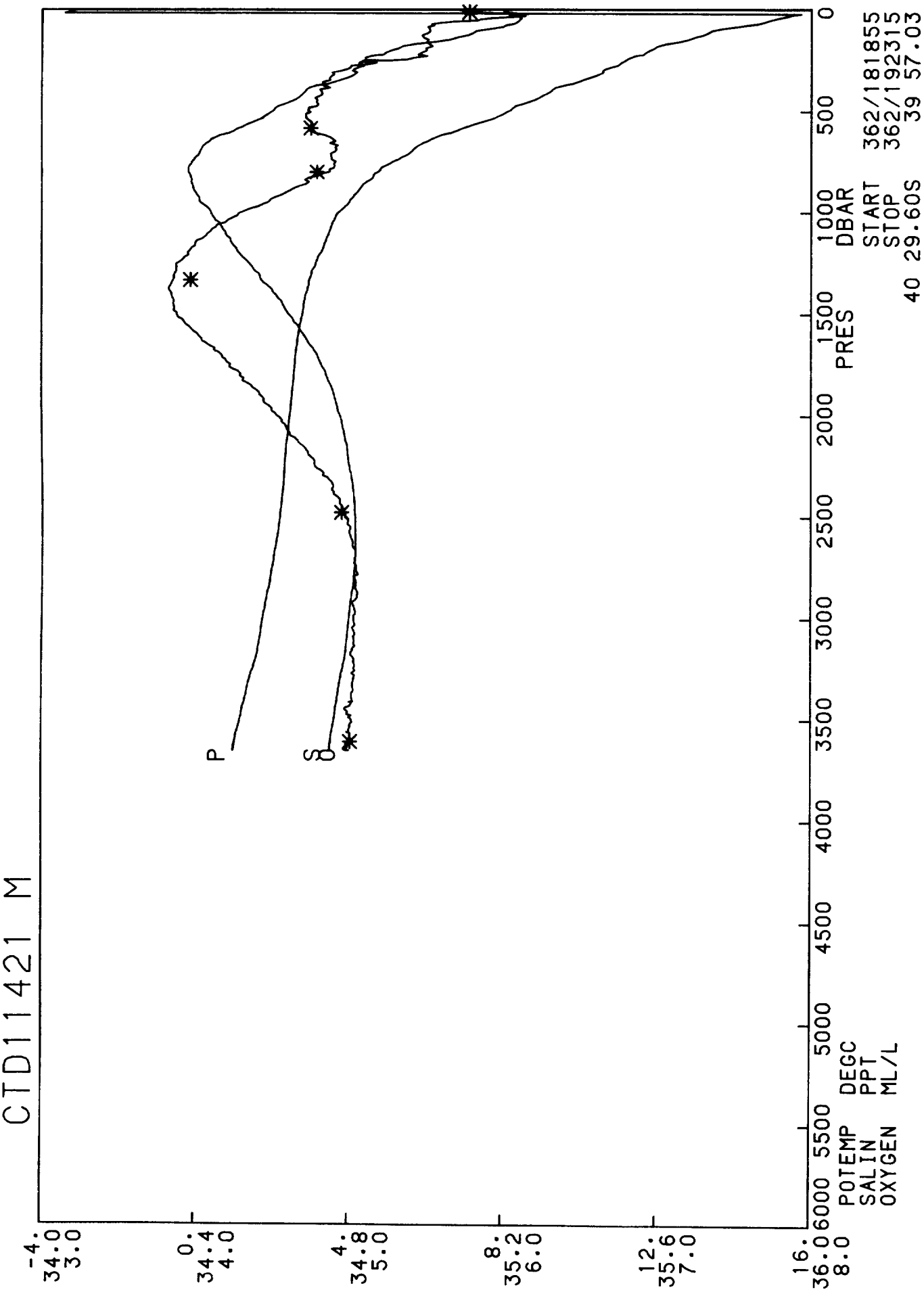
DISCOVERY 164 STATION 11420

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	17.064	35.181	5.98	17.062	25.640	34.181	42.354	0.023	1513.4	10.	234.28	-999.000
20.	16.303	35.155	6.18	16.300	25.797	34.366	42.562	0.046	1511.2	20.	219.53	7.086
40.	15.505	35.141	6.51	15.499	25.970	34.566	42.790	0.088	1509.1	40.	203.81	5.222
60.	14.436	35.179	6.34	14.427	26.235	34.869	43.128	0.127	1506.1	60.	179.20	6.482
80.	13.594	35.163	6.01	13.583	26.401	35.066	43.355	0.161	1503.7	79.	164.02	5.128
100.	13.251	35.124	5.83	13.238	26.441	35.120	43.421	0.193	1502.8	99.	160.72	2.546
120.	12.955	35.078	5.71	12.939	26.467	35.158	43.470	0.225	1502.1	119.	158.84	2.024
140.	12.572	35.025	5.70	12.553	26.501	35.208	43.535	0.257	1501.1	139.	156.01	2.379
160.	12.154	34.962	5.71	12.133	26.535	35.259	43.602	0.288	1499.9	159.	153.28	2.339
180.	11.867	34.918	5.67	11.843	26.556	35.292	43.647	0.318	1499.2	179.	151.69	1.885
200.	11.618	34.882	5.62	11.592	26.575	35.322	43.686	0.348	1498.7	198.	150.34	1.769
220.	11.267	34.837	5.61	11.240	26.605	35.367	43.745	0.378	1497.7	218.	147.83	2.243
240.	10.912	34.800	5.50	10.883	26.642	35.418	43.811	0.408	1496.8	238.	144.71	2.459
260.	10.515	34.758	5.32	10.484	26.680	35.473	43.882	0.436	1495.6	258.	141.40	2.516
280.	10.204	34.734	5.23	10.172	26.715	35.522	43.943	0.464	1494.8	278.	138.33	2.433
300.	10.011	34.719	5.18	9.976	26.737	35.552	43.981	0.492	1494.5	297.	136.64	1.895
320.	9.833	34.704	5.15	9.796	26.756	35.579	44.015	0.519	1494.1	317.	135.17	1.794
340.	9.685	34.693	5.10	9.646	26.772	35.602	44.045	0.546	1493.9	337.	133.96	1.663
360.	9.419	34.677	5.03	9.379	26.804	35.646	44.099	0.572	1493.3	357.	131.15	2.331
380.	9.261	34.671	4.94	9.219	26.825	35.674	44.134	0.598	1493.0	377.	129.47	1.874
400.	9.068	34.665	4.88	9.024	26.852	35.710	44.177	0.624	1492.6	397.	127.21	2.118
450.	8.411	34.613	4.80	8.364	26.915	35.803	44.299	0.686	1490.9	446.	121.62	2.101
500.	7.765	34.556	4.80	7.714	26.967	35.885	44.409	0.746	1489.3	496.	116.96	1.936
550.	6.907	34.481	4.90	6.855	27.030	35.988	44.551	0.803	1486.7	545.	110.90	2.152
600.	6.176	34.422	4.95	6.122	27.080	36.074	44.670	0.857	1484.6	595.	105.93	1.961
700.	5.107	34.358	5.06	5.049	27.161	36.209	44.855	0.958	1481.8	693.	97.96	1.765
800.	4.302	34.329	5.01	4.241	27.227	36.316	45.001	1.053	1480.1	792.	91.37	1.607
900.	4.110	34.413	4.39	4.042	27.315	36.412	45.106	1.141	1481.1	891.	83.78	1.698
1000.	3.766	34.448	4.13	3.692	27.379	36.494	45.204	1.221	1481.4	990.	77.90	1.514
1100.	3.449	34.483	3.95	3.370	27.438	36.570	45.295	1.296	1481.7	1089.	72.36	1.468
1200.	3.303	34.528	3.83	3.216	27.488	36.627	45.359	1.366	1482.8	1187.	68.11	1.307
1300.	3.162	34.570	3.74	3.069	27.536	36.682	45.420	1.432	1484.0	1286.	64.01	1.284
1400.	2.987	34.604	3.77	2.887	27.580	36.735	45.482	1.494	1484.9	1385.	60.08	1.258
1500.	2.792	34.635	3.85	2.687	27.622	36.788	45.545	1.552	1485.8	1483.	56.10	1.259
1600.	2.756	34.680	3.93	2.643	27.662	36.829	45.587	1.607	1487.4	1582.	52.97	1.138
1700.	2.712	34.715	4.07	2.591	27.694	36.864	45.624	1.658	1488.9	1680.	50.47	1.040
1800.	2.644	34.741	4.23	2.515	27.721	36.895	45.658	1.707	1490.3	1778.	48.33	0.977
1900.	2.605	34.760	4.35	2.468	27.741	36.916	45.682	1.755	1491.9	1877.	47.00	0.824
2000.	2.581	34.776	4.47	2.435	27.756	36.933	45.700	1.802	1493.4	1975.	46.10	0.728
2100.	2.540	34.788	4.57	2.386	27.770	36.949	45.719	1.847	1495.0	2073.	45.25	0.717
2200.	2.498	34.796	4.66	2.336	27.781	36.963	45.735	1.892	1496.5	2172.	44.64	0.656
2300.	2.464	34.803	4.74	2.293	27.790	36.974	45.748	1.937	1498.0	2270.	44.20	0.608
2400.	2.414	34.808	4.82	2.235	27.799	36.986	45.763	1.981	1499.5	2368.	43.67	0.630
2500.	2.365	34.810	4.88	2.178	27.805	36.996	45.775	2.024	1501.0	2466.	43.36	0.564
2600.	2.318	34.814	4.98	2.121	27.813	37.006	45.789	2.067	1502.5	2564.	42.92	0.604
2700.	2.253	34.815	5.02	2.049	27.819	37.017	45.803	2.110	1503.9	2662.	42.45	0.604
2800.	2.182	34.812	5.05	1.970	27.824	37.026	45.816	2.152	1505.3	2760.	42.07	0.576
2900.	2.117	34.808	5.06	1.896	27.826	37.032	45.827	2.194	1506.7	2858.	41.87	0.519
3000.	2.039	34.803	5.06	1.810	27.829	37.040	45.839	2.236	1508.1	2956.	41.55	0.547
3100.	1.918	34.795	5.07	1.682	27.832	37.050	45.856	2.277	1509.2	3054.	40.78	0.672
3200.	1.794	34.785	5.07	1.551	27.834	37.060	45.873	2.317	1510.4	3152.	40.04	0.654
3300.	1.713	34.780	5.07	1.461	27.837	37.067	45.885	2.357	1511.8	3249.	39.58	0.572
3400.	1.594	34.772	5.08	1.336	27.839	37.077	45.901	2.396	1512.9	3347.	38.75	0.670
3500.	1.515	34.766	5.08	1.248	27.841	37.083	45.912	2.435	1514.3	3445.	38.27	0.566
3600.	1.412	34.759	5.09	1.138	27.842	37.092	45.927	2.473	1515.6	3542.	37.52	0.638
3700.	1.326	34.752	5.09	1.043	27.843	37.098	45.938	2.510	1516.9	3640.	36.97	0.577
3800.	1.288	34.749	5.06	0.996	27.844	37.101	45.944	2.547	1518.4	3737.	36.83	0.430
3900.	1.227	34.745	5.07	0.926	27.845	37.107	45.953	2.584	1519.9	3835.	36.42	0.527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PRES DBAR
POTEMP DEGC
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START 362/181855
STOP 362/192315
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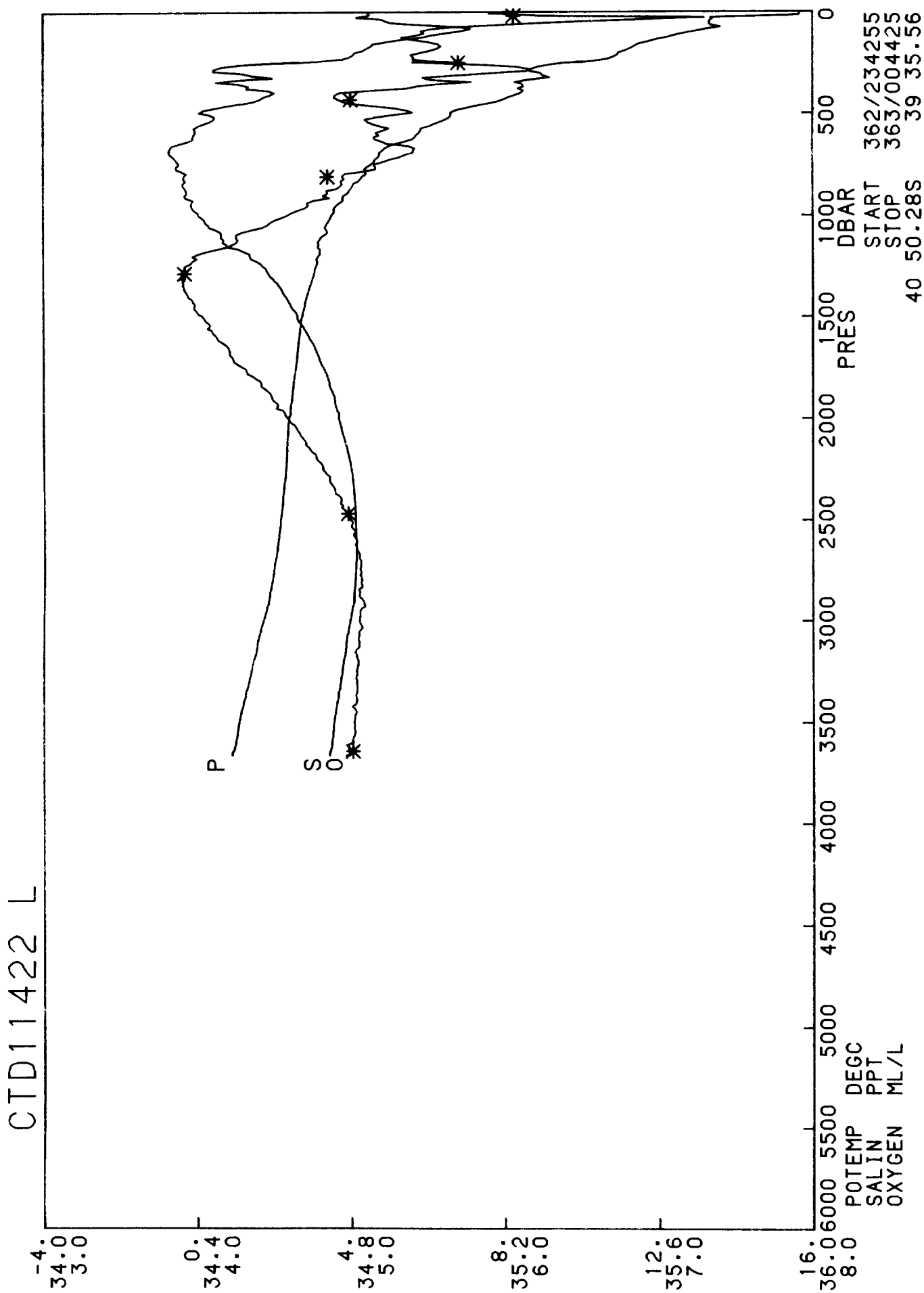
DISCOVERY 164 STATION 11421

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	16.798	35.203	5.80	16.797	25.719	34.269	42.450	0.023	1512.6	10.	226.74	-999.000
20.	16.157	35.229	6.00	16.154	25.889	34.461	42.662	0.045	1510.9	20.	210.85	7.346
40.	15.234	35.245	6.00	15.228	26.111	34.715	42.946	0.084	1508.3	40.	190.46	5.918
60.	14.834	35.238	5.69	14.825	26.194	34.813	43.058	0.121	1507.4	60.	183.15	3.639
80.	14.272	35.205	5.54	14.260	26.291	34.931	43.195	0.157	1505.9	79.	174.55	3.922
100.	13.564	35.150	5.52	13.549	26.398	35.065	43.354	0.191	1503.9	99.	164.88	4.137
120.	13.282	35.117	5.50	13.266	26.430	35.108	43.408	0.224	1503.2	119.	162.35	2.281
140.	12.949	35.077	5.49	12.930	26.467	35.159	43.471	0.256	1502.4	139.	159.33	2.452
160.	12.560	35.020	5.50	12.539	26.501	35.208	43.535	0.288	1501.4	159.	156.64	2.328
180.	12.039	34.941	5.54	12.016	26.541	35.270	43.617	0.318	1499.8	179.	153.19	2.581
200.	11.845	34.913	5.50	11.819	26.556	35.294	43.649	0.349	1499.5	198.	152.20	1.597
220.	11.683	34.890	5.45	11.655	26.570	35.314	43.676	0.379	1499.2	218.	151.37	1.502
240.	11.300	34.842	5.40	11.270	26.604	35.364	43.741	0.409	1498.2	238.	148.49	2.381
260.	11.111	34.827	5.16	11.079	26.627	35.395	43.780	0.439	1497.8	258.	146.70	1.957
280.	10.908	34.832	5.01	10.873	26.668	35.445	43.837	0.468	1497.5	278.	143.21	2.581
300.	10.618	34.809	4.94	10.582	26.702	35.491	43.895	0.496	1496.7	297.	140.27	2.391
320.	10.498	34.813	4.90	10.460	26.726	35.520	43.929	0.524	1496.6	317.	138.41	1.976
340.	10.191	34.786	4.87	10.151	26.759	35.566	43.987	0.551	1495.8	337.	135.57	2.352
360.	9.899	34.751	4.83	9.857	26.782	35.603	44.036	0.578	1495.1	357.	133.60	2.014
380.	9.464	34.700	4.86	9.421	26.815	35.655	44.106	0.605	1493.8	377.	130.60	2.399
400.	9.289	34.685	4.82	9.244	26.833	35.680	44.139	0.631	1493.5	397.	129.24	1.728
450.	8.768	34.648	4.79	8.719	26.887	35.758	44.239	0.694	1492.3	446.	124.64	1.944
500.	8.178	34.598	4.74	8.126	26.940	35.838	44.344	0.755	1490.9	496.	120.05	1.930
550.	7.540	34.550	4.75	7.485	26.996	35.924	44.458	0.814	1489.2	545.	114.86	2.021
600.	6.783	34.494	4.76	6.727	27.057	36.022	44.589	0.870	1487.0	595.	108.94	2.128
700.	5.656	34.411	4.90	5.596	27.138	36.157	44.777	0.974	1484.1	693.	101.10	1.765
800.	4.804	34.383	4.86	4.740	27.215	36.278	44.938	1.071	1482.3	792.	93.46	1.725
900.	4.282	34.401	4.59	4.213	27.287	36.377	45.062	1.161	1481.8	891.	86.71	1.622
1000.	3.796	34.441	4.29	3.722	27.369	36.483	45.192	1.244	1481.5	990.	78.83	1.724
1100.	3.556	34.478	4.08	3.476	27.424	36.550	45.270	1.321	1482.2	1089.	74.00	1.387
1200.	3.339	34.515	3.95	3.253	27.474	36.612	45.342	1.392	1483.0	1187.	69.51	1.339
1300.	3.110	34.566	3.86	3.018	27.537	36.686	45.427	1.459	1483.7	1286.	63.74	1.487
1400.	2.970	34.608	3.85	2.870	27.584	36.740	45.488	1.521	1484.9	1385.	59.63	1.281
1500.	2.888	34.644	3.88	2.782	27.620	36.781	45.533	1.579	1486.2	1483.	56.64	1.120
1600.	2.787	34.682	4.02	2.673	27.660	36.826	45.583	1.634	1487.5	1582.	53.23	1.181
1700.	2.722	34.717	4.17	2.601	27.695	36.864	45.624	1.685	1488.9	1680.	50.42	1.090
1800.	2.685	34.741	4.29	2.556	27.718	36.889	45.651	1.735	1490.5	1778.	48.79	0.887
1900.	2.642	34.762	4.43	2.504	27.739	36.913	45.677	1.783	1492.0	1877.	47.30	0.858
2000.	2.595	34.777	4.53	2.450	27.756	36.932	45.699	1.830	1493.5	1975.	46.16	0.784
2100.	2.547	34.789	4.62	2.393	27.771	36.950	45.719	1.875	1495.0	2073.	45.21	0.742
2200.	2.496	34.798	4.74	2.334	27.782	36.964	45.736	1.920	1496.5	2172.	44.48	0.685
2300.	2.469	34.807	4.84	2.298	27.792	36.976	45.750	1.964	1498.1	2270.	43.99	0.622
2400.	2.427	34.813	4.92	2.247	27.802	36.988	45.764	2.008	1499.6	2368.	43.50	0.622
2500.	2.373	34.816	4.97	2.185	27.810	36.999	45.779	2.051	1501.0	2466.	43.01	0.618
2600.	2.311	34.816	5.01	2.115	27.815	37.009	45.792	2.094	1502.5	2564.	42.64	0.581
2700.	2.238	34.816	5.04	2.034	27.821	37.020	45.807	2.137	1503.9	2662.	42.16	0.609
2800.	2.159	34.812	5.03	1.947	27.825	37.029	45.820	2.179	1505.2	2760.	41.75	0.583
2900.	2.069	34.806	5.05	1.849	27.828	37.036	45.833	2.220	1506.5	2858.	41.38	0.567
3000.	1.982	34.800	5.03	1.754	27.831	37.044	45.846	2.261	1507.8	2956.	40.98	0.573
3100.	1.909	34.795	5.03	1.673	27.833	37.051	45.858	2.302	1509.2	3054.	40.67	0.538
3200.	1.813	34.789	5.04	1.570	27.836	37.060	45.872	2.343	1510.5	3151.	40.09	0.613
3300.	1.654	34.777	5.03	1.404	27.838	37.072	45.893	2.382	1511.5	3249.	38.94	0.750
3400.	1.538	34.769	5.02	1.281	27.840	37.081	45.909	2.421	1512.7	3347.	38.13	0.658
3500.	1.425	34.761	5.02	1.160	27.843	37.090	45.924	2.458	1513.9	3445.	37.29	0.662
3600.	1.306	34.753	5.00	1.034	27.844	37.099	45.940	2.495	1515.1	3542.	36.39	0.674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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 362/234255
STOP 363/004425
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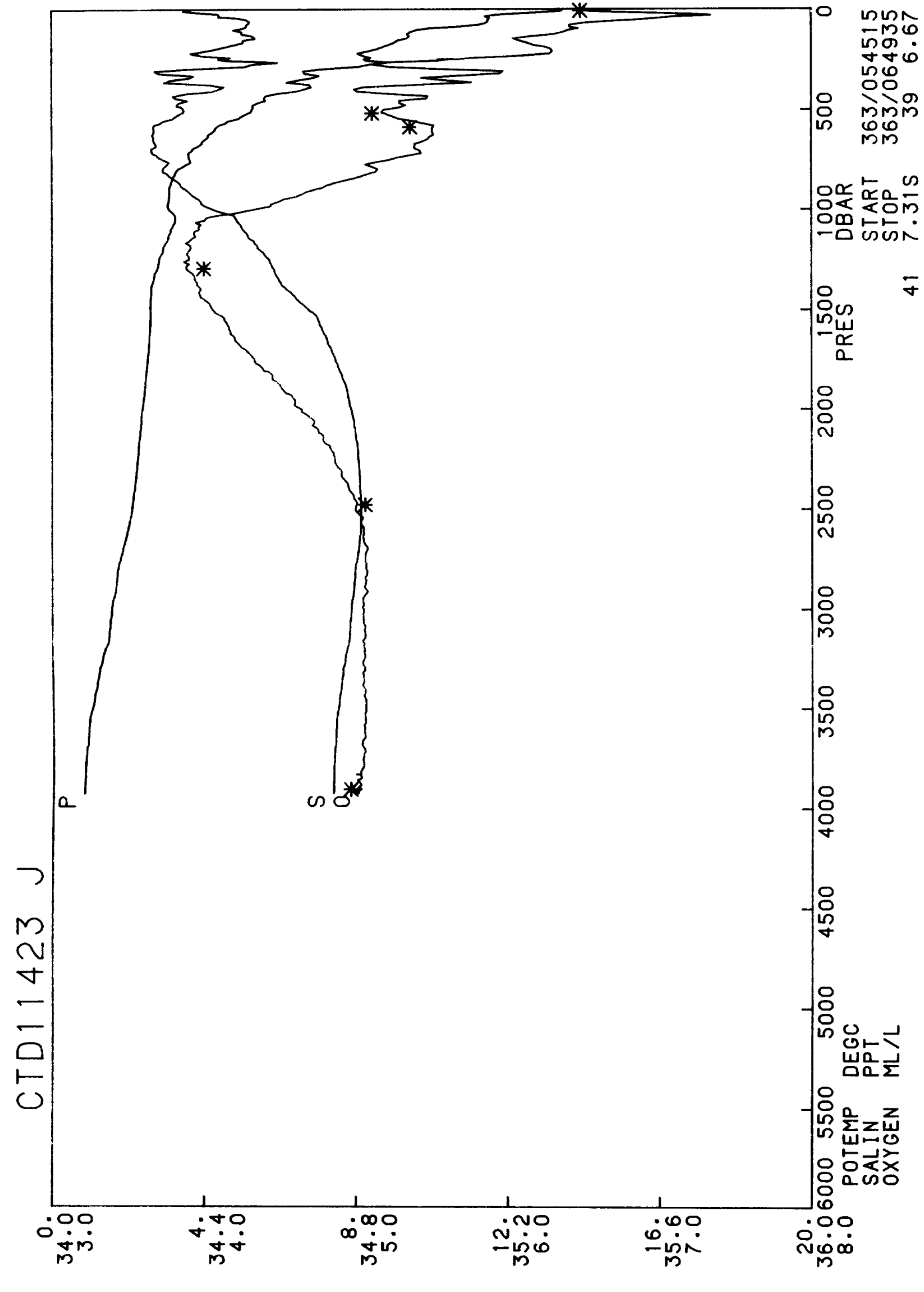
DISCOVERY 164 STATION 11422

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	15.659	34.848	6.03	15.658	25.710	34.304	42.525	0.023	1508.7	10.	227.61	-999.000
20.	15.102	34.837	6.36	15.099	25.824	34.438	42.679	0.045	1507.1	20.	216.92	6.053
40.	13.353	34.886	6.79	13.347	26.235	34.913	43.213	0.083	1501.9	40.	178.57	8.051
60.	13.337	34.954	6.09	13.329	26.291	34.969	43.269	0.118	1502.2	60.	173.79	2.988
80.	13.422	35.102	5.58	13.411	26.389	35.062	43.357	0.152	1503.0	79.	165.12	3.925
100.	12.836	35.066	5.47	12.822	26.480	35.176	43.493	0.184	1501.4	99.	156.92	3.826
120.	12.348	34.999	5.39	12.332	26.525	35.241	43.576	0.215	1500.0	119.	153.15	2.686
140.	11.887	34.924	5.43	11.869	26.556	35.291	43.644	0.245	1498.6	139.	150.66	2.249
160.	11.478	34.859	5.57	11.458	26.582	35.334	43.704	0.275	1497.5	159.	148.58	2.085
180.	11.294	34.843	5.57	11.272	26.604	35.364	43.741	0.305	1497.2	179.	146.96	1.885
200.	11.021	34.815	5.46	10.996	26.632	35.404	43.792	0.334	1496.5	198.	144.65	2.165
220.	10.886	34.800	5.40	10.859	26.646	35.423	43.816	0.363	1496.3	218.	143.83	1.484
240.	10.499	34.742	5.47	10.470	26.669	35.464	43.873	0.392	1495.2	238.	141.88	2.016
260.	9.294	34.523	5.79	9.265	26.702	35.551	44.011	0.420	1491.0	258.	138.56	2.508
280.	8.772	34.450	6.14	8.742	26.729	35.602	44.084	0.447	1489.3	278.	136.16	2.166
300.	8.891	34.496	5.98	8.859	26.746	35.613	44.090	0.474	1490.1	297.	134.97	1.633
320.	9.137	34.574	5.56	9.102	26.768	35.624	44.090	0.501	1491.4	317.	133.48	1.783
340.	8.498	34.477	5.64	8.462	26.793	35.678	44.172	0.528	1489.3	337.	131.04	2.179
360.	8.512	34.519	5.53	8.474	26.824	35.708	44.200	0.553	1489.7	357.	128.57	2.189
380.	8.417	34.540	5.32	8.377	26.856	35.744	44.240	0.579	1489.7	377.	125.86	2.274
400.	8.466	34.601	4.93	8.424	26.896	35.781	44.274	0.604	1490.3	397.	122.51	2.502
450.	7.709	34.528	4.98	7.664	26.953	35.873	44.400	0.664	1488.2	446.	117.38	2.015
500.	6.652	34.415	5.37	6.606	27.012	35.983	44.557	0.721	1484.8	496.	111.47	2.125
550.	6.257	34.420	5.14	6.208	27.068	36.058	44.650	0.775	1484.1	545.	106.45	1.966
600.	5.802	34.395	5.17	5.751	27.106	36.118	44.731	0.827	1483.0	594.	102.99	1.673
700.	4.799	34.331	5.37	4.744	27.174	36.237	44.898	0.927	1480.6	693.	96.24	1.638
800.	4.447	34.371	4.96	4.385	27.245	36.326	45.004	1.020	1480.8	792.	89.95	1.573
900.	3.923	34.370	4.83	3.856	27.300	36.408	45.111	1.107	1480.3	891.	84.70	1.448
1000.	3.575	34.406	4.59	3.503	27.364	36.489	45.209	1.189	1480.5	990.	78.82	1.509
1100.	3.359	34.464	4.25	3.280	27.431	36.568	45.297	1.265	1481.3	1089.	72.79	1.520
1200.	3.234	34.538	3.98	3.149	27.503	36.646	45.381	1.334	1482.6	1187.	66.50	1.544
1300.	3.113	34.592	3.90	3.021	27.557	36.706	45.446	1.398	1483.8	1286.	61.84	1.355
1400.	2.947	34.631	3.94	2.848	27.605	36.762	45.510	1.458	1484.8	1385.	57.63	1.294
1500.	2.832	34.662	4.04	2.726	27.640	36.803	45.557	1.514	1486.0	1483.	54.64	1.120
1600.	2.761	34.691	4.13	2.648	27.671	36.837	45.595	1.567	1487.4	1582.	52.20	1.030
1700.	2.713	34.717	4.23	2.592	27.696	36.865	45.625	1.619	1488.9	1680.	50.33	0.931
1800.	2.648	34.741	4.37	2.519	27.721	36.894	45.658	1.668	1490.3	1778.	48.37	0.946
1900.	2.608	34.759	4.49	2.471	27.740	36.915	45.681	1.716	1491.9	1877.	47.11	0.810
2000.	2.527	34.769	4.59	2.383	27.755	36.935	45.705	1.762	1493.2	1975.	45.90	0.797
2100.	2.493	34.783	4.69	2.340	27.770	36.952	45.724	1.808	1494.8	2073.	44.95	0.737
2200.	2.477	34.796	4.78	2.315	27.783	36.966	45.739	1.852	1496.4	2172.	44.31	0.663
2300.	2.437	34.805	4.86	2.267	27.793	36.979	45.755	1.896	1497.9	2270.	43.71	0.648
2400.	2.391	34.809	4.94	2.212	27.802	36.990	45.769	1.940	1499.4	2368.	43.25	0.611
2500.	2.337	34.812	5.00	2.150	27.809	37.001	45.782	1.983	1500.9	2466.	42.84	0.594
2600.	2.288	34.814	5.04	2.092	27.815	37.010	45.794	2.026	1502.4	2564.	42.52	0.565
2700.	2.223	34.813	5.06	2.020	27.820	37.019	45.807	2.068	1503.8	2662.	42.17	0.569
2800.	2.153	34.810	5.07	1.941	27.824	37.028	45.820	2.110	1505.2	2760.	41.82	0.565
2900.	2.067	34.807	5.08	1.847	27.829	37.038	45.835	2.151	1506.5	2858.	41.25	0.626
3000.	1.933	34.797	5.06	1.707	27.832	37.048	45.853	2.192	1507.6	2956.	40.51	0.664
3100.	1.793	34.787	5.05	1.560	27.835	37.060	45.872	2.232	1508.7	3054.	39.57	0.706
3200.	1.685	34.780	5.05	1.444	27.837	37.069	45.887	2.272	1509.9	3151.	38.89	0.632
3300.	1.581	34.772	5.04	1.333	27.839	37.077	45.902	2.310	1511.2	3249.	38.23	0.622
3400.	1.446	34.763	5.03	1.191	27.842	37.088	45.920	2.348	1512.3	3347.	37.22	0.707
3500.	1.331	34.754	5.02	1.069	27.843	37.096	45.935	2.385	1513.5	3444.	36.40	0.651
3600.	1.253	34.749	5.00	0.983	27.845	37.103	45.947	2.421	1514.8	3542.	35.84	0.573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POTEMP DEGC
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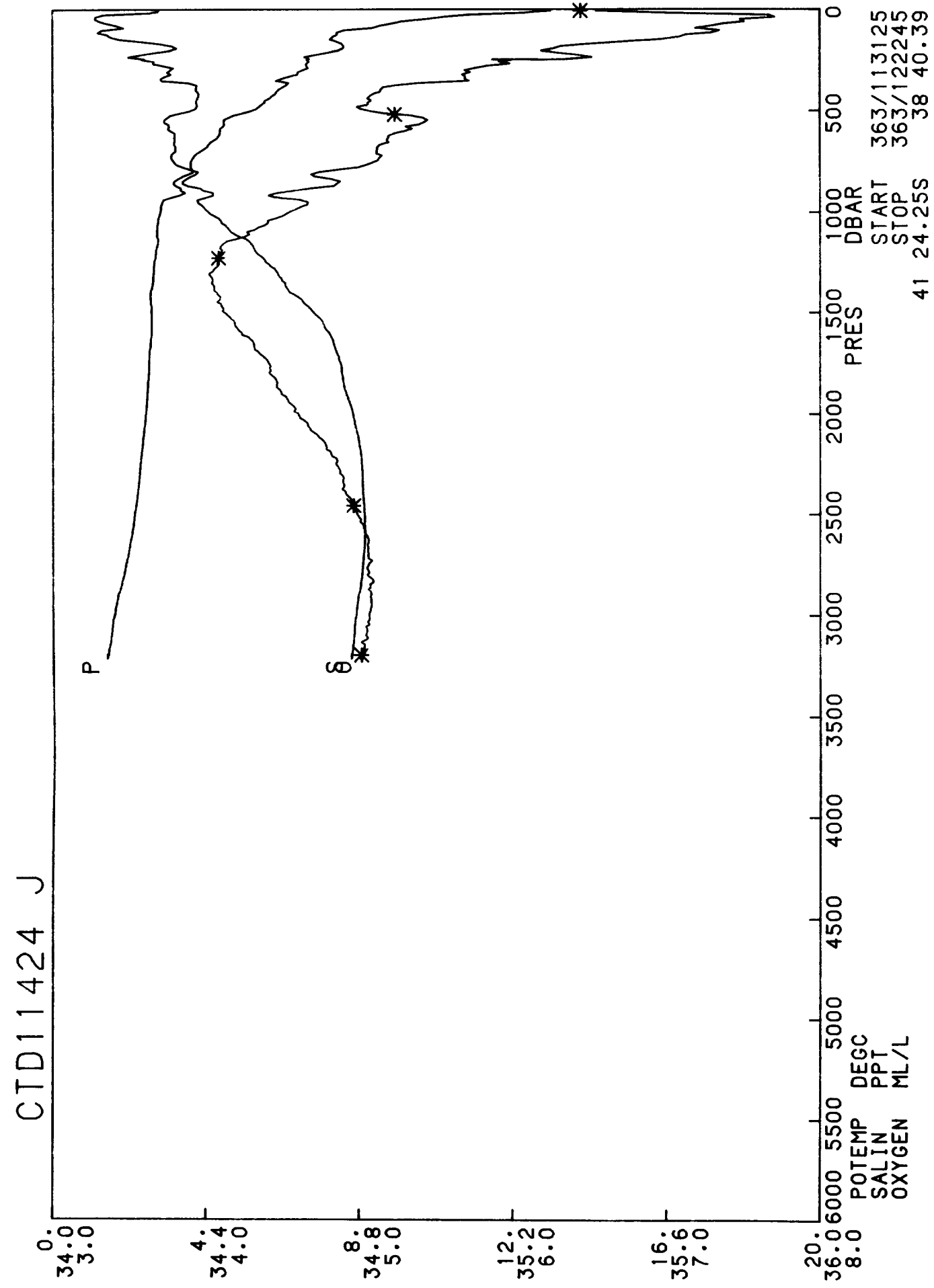
DISCOVERY 164 STATION 11423

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	13.344	34.352	6.56	13.343	25.823	34.508	42.815	0.022	1500.7	10.	216.81	-999.000
20.	12.433	34.411	7.00	12.431	26.049	34.769	43.108	0.042	1497.9	20.	195.56	8.461
40.	11.479	34.467	7.05	11.474	26.274	35.032	43.406	0.078	1495.0	40.	174.64	5.973
60.	11.492	34.521	6.65	11.484	26.314	35.070	43.443	0.113	1495.5	60.	171.37	2.508
80.	11.110	34.513	6.41	11.100	26.378	35.150	43.538	0.147	1494.5	79.	165.71	3.204
100.	9.729	34.487	6.42	9.718	26.599	35.429	43.871	0.178	1489.9	99.	145.00	5.941
120.	9.395	34.502	6.32	9.382	26.667	35.511	43.966	0.206	1489.0	119.	138.97	3.282
140.	9.386	34.535	6.08	9.371	26.695	35.539	43.994	0.234	1489.3	139.	136.77	2.094
160.	9.076	34.504	6.11	9.058	26.721	35.579	44.048	0.261	1488.5	159.	134.61	2.075
180.	8.817	34.469	6.21	8.798	26.735	35.605	44.085	0.288	1487.8	179.	133.57	1.558
200.	8.495	34.421	6.29	8.475	26.747	35.633	44.126	0.314	1486.9	198.	132.65	1.481
220.	8.119	34.373	6.23	8.096	26.767	35.670	44.181	0.341	1485.8	218.	130.97	1.854
240.	8.429	34.469	5.76	8.404	26.796	35.684	44.180	0.367	1487.4	238.	128.79	2.068
260.	8.705	34.562	5.24	8.678	26.826	35.700	44.183	0.392	1488.8	258.	126.52	2.110
280.	8.208	34.515	5.18	8.180	26.866	35.763	44.268	0.417	1487.3	278.	122.81	2.618
300.	6.967	34.319	5.73	6.939	26.891	35.848	44.409	0.441	1482.6	297.	119.98	2.306
320.	6.766	34.301	5.90	6.736	26.904	35.871	44.441	0.465	1482.1	317.	118.88	1.541
340.	6.911	34.363	5.43	6.879	26.933	35.893	44.455	0.489	1483.1	337.	116.59	2.087
360.	6.294	34.300	5.72	6.262	26.966	35.955	44.547	0.512	1480.9	357.	113.29	2.455
380.	6.849	34.434	5.23	6.814	26.999	35.960	44.524	0.534	1483.6	377.	111.05	2.064
400.	6.629	34.435	5.00	6.592	27.030	36.001	44.576	0.556	1483.1	397.	108.24	2.287
450.	5.657	34.347	5.36	5.620	27.084	36.104	44.724	0.609	1479.9	446.	102.81	2.029
500.	5.310	34.349	5.18	5.269	27.128	36.165	44.801	0.659	1479.4	496.	98.97	1.734
550.	4.865	34.310	5.32	4.822	27.148	36.208	44.866	0.709	1478.3	545.	97.01	1.307
600.	4.343	34.269	5.51	4.298	27.173	36.260	44.943	0.756	1476.9	594.	94.46	1.441
700.	3.755	34.263	5.41	3.706	27.230	36.347	45.059	0.848	1476.1	693.	89.14	1.449
800.	3.365	34.292	5.14	3.310	27.291	36.429	45.160	0.935	1476.2	792.	83.46	1.479
900.	3.155	34.354	4.73	3.094	27.361	36.509	45.250	1.015	1477.0	891.	77.28	1.528
1000.	3.170	34.427	4.32	3.101	27.418	36.565	45.304	1.090	1478.8	990.	72.67	1.342
1100.	3.210	34.504	3.97	3.133	27.477	36.621	45.357	1.160	1480.8	1089.	68.08	1.343
1200.	3.004	34.547	3.91	2.921	27.531	36.685	45.431	1.226	1481.6	1187.	63.24	1.373
1300.	2.852	34.586	3.89	2.763	27.576	36.738	45.492	1.287	1482.7	1286.	59.27	1.258
1400.	2.717	34.620	3.98	2.620	27.616	36.785	45.545	1.344	1483.8	1384.	55.77	1.189
1500.	2.698	34.677	4.06	2.593	27.663	36.833	45.594	1.398	1485.4	1483.	51.95	1.233
1600.	2.692	34.713	4.17	2.579	27.694	36.864	45.625	1.448	1487.1	1582.	49.78	0.982
1700.	2.664	34.736	4.28	2.543	27.715	36.887	45.650	1.498	1488.7	1680.	48.32	0.853
1800.	2.620	34.757	4.39	2.491	27.737	36.911	45.676	1.545	1490.2	1778.	46.82	0.859
1900.	2.574	34.777	4.52	2.437	27.757	36.934	45.701	1.591	1491.7	1877.	45.34	0.852
2000.	2.519	34.789	4.64	2.374	27.772	36.952	45.722	1.636	1493.2	1975.	44.35	0.749
2100.	2.479	34.798	4.75	2.326	27.783	36.966	45.738	1.680	1494.7	2073.	43.72	0.658
2200.	2.431	34.805	4.84	2.270	27.794	36.979	45.755	1.723	1496.2	2172.	43.06	0.664
2300.	2.394	34.809	4.90	2.224	27.800	36.988	45.766	1.766	1497.7	2270.	42.83	0.543
2400.	2.346	34.812	4.96	2.168	27.807	36.998	45.778	1.809	1499.2	2368.	42.50	0.571
2500.	2.283	34.813	5.00	2.097	27.814	37.009	45.793	1.851	1500.7	2466.	42.05	0.601
2600.	2.187	34.812	5.05	1.994	27.821	37.022	45.811	1.893	1501.9	2564.	41.30	0.677
2700.	2.062	34.806	5.07	1.862	27.827	37.035	45.831	1.934	1503.1	2662.	40.43	0.701
2800.	1.931	34.797	5.07	1.724	27.831	37.046	45.850	1.974	1504.2	2760.	39.67	0.667
2900.	1.888	34.794	5.07	1.672	27.832	37.050	45.857	2.014	1505.7	2858.	39.71	0.404
3000.	1.789	34.787	5.05	1.566	27.834	37.059	45.871	2.053	1507.0	2956.	39.16	0.602
3100.	1.743	34.783	5.05	1.511	27.835	37.063	45.878	2.092	1508.5	3053.	39.13	0.425
3200.	1.633	34.776	5.06	1.394	27.838	37.072	45.894	2.131	1509.7	3151.	38.42	0.636
3300.	1.483	34.764	5.05	1.237	27.840	37.083	45.913	2.169	1510.7	3249.	37.36	0.721
3400.	1.402	34.759	5.06	1.148	27.842	37.090	45.925	2.206	1512.1	3347.	36.85	0.565
3500.	1.288	34.752	5.06	1.027	27.844	37.100	45.941	2.242	1513.3	3444.	35.95	0.668
3600.	1.204	34.745	5.05	0.935	27.845	37.106	45.952	2.278	1514.6	3542.	35.39	0.570
3700.	1.152	34.741	5.05	0.874	27.846	37.110	45.960	2.313	1516.1	3639.	35.11	0.475
3800.	1.129	34.739	5.03	0.841	27.846	37.112	45.964	2.348	1517.7	3737.	35.12	0.347
3900.	1.119	34.738	5.01	0.821	27.847	37.114	45.967	2.384	1519.4	3834.	35.22	0.299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SALIN PPT
OXYGEN ML/L
START 363/113125
STOP 363/122245
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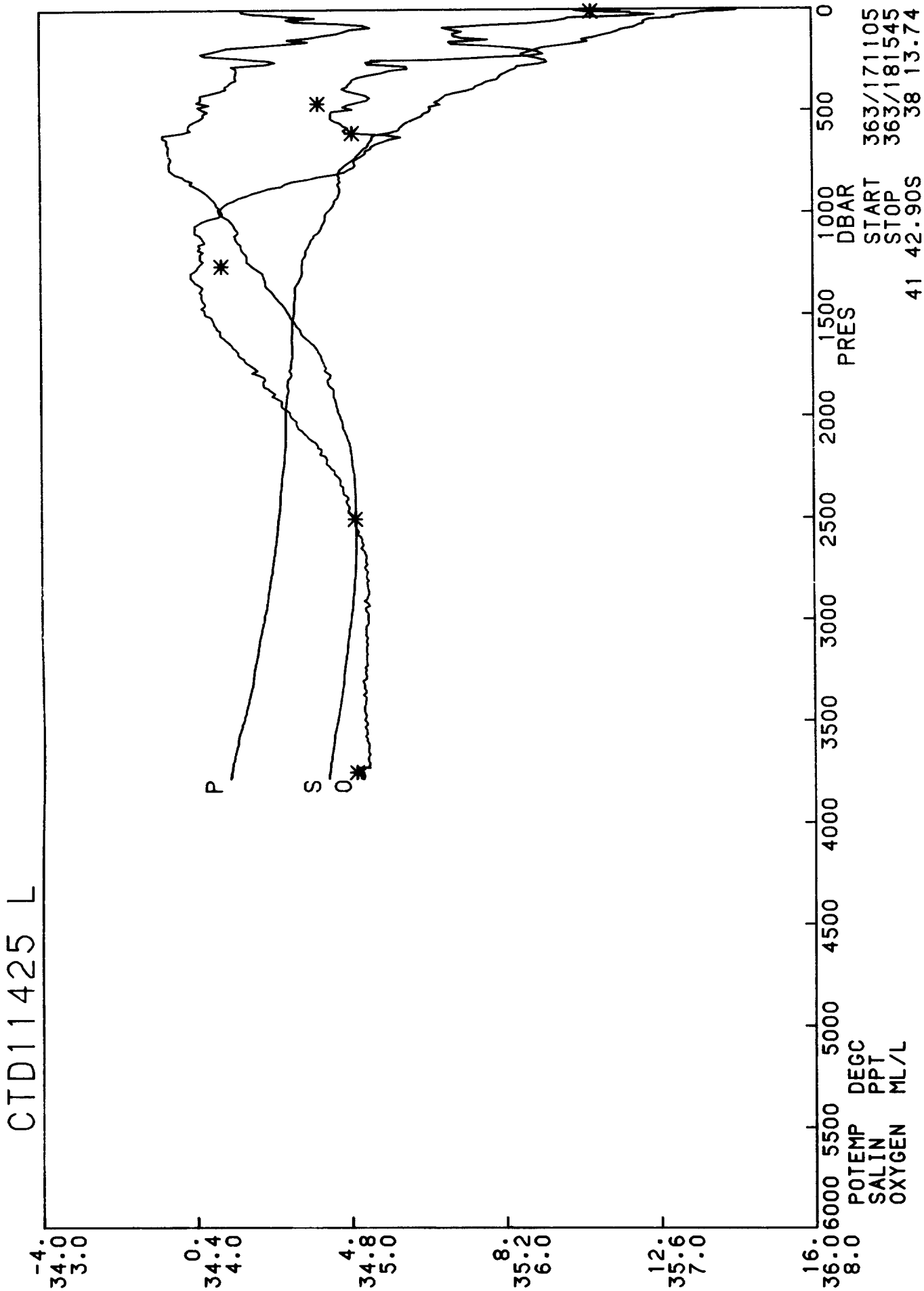
DISCOVERY 164 STATION 11424

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	12.671	34.275	6.70	12.669	25.897	34.609	42.942	0.021	1498.4	10.	209.74	-999.000
20.	11.864	34.220	7.18	11.861	26.008	34.753	43.116	0.042	1495.7	20.	199.25	5.981
40.	10.057	34.112	7.64	10.053	26.250	35.071	43.505	0.079	1489.6	40.	176.82	6.175
60.	9.079	34.126	7.50	9.073	26.422	35.285	43.759	0.113	1486.4	60.	160.80	5.232
80.	8.535	34.168	7.29	8.527	26.541	35.427	43.922	0.144	1484.8	79.	149.91	4.336
100.	7.772	34.140	7.31	7.762	26.633	35.555	44.083	0.173	1482.2	99.	141.28	3.874
120.	7.414	34.133	7.19	7.403	26.680	35.618	44.161	0.201	1481.1	119.	137.18	2.722
140.	7.286	34.161	7.03	7.273	26.720	35.664	44.213	0.228	1481.0	139.	133.67	2.531
160.	7.442	34.240	6.67	7.427	26.761	35.696	44.237	0.255	1482.0	159.	130.22	2.512
180.	7.609	34.312	6.31	7.591	26.794	35.721	44.253	0.280	1483.1	179.	127.51	2.260
200.	7.481	34.307	6.19	7.462	26.808	35.741	44.280	0.306	1482.9	198.	126.43	1.546
220.	6.975	34.241	6.39	6.955	26.827	35.784	44.346	0.331	1481.2	218.	124.73	1.842
240.	6.664	34.222	6.42	6.642	26.855	35.827	44.403	0.356	1480.3	238.	122.25	2.160
260.	6.682	34.264	5.93	6.658	26.885	35.856	44.431	0.380	1480.8	258.	119.69	2.189
280.	6.651	34.294	5.82	6.626	26.914	35.886	44.461	0.403	1481.0	278.	117.31	2.117
300.	6.537	34.306	5.69	6.510	26.938	35.916	44.496	0.427	1480.9	297.	115.23	1.999
320.	6.412	34.308	5.67	6.383	26.957	35.940	44.526	0.450	1480.7	317.	113.67	1.763
340.	6.011	34.283	5.69	5.982	26.989	35.992	44.596	0.472	1479.5	337.	110.63	2.360
360.	6.103	34.339	5.47	6.072	27.021	36.019	44.618	0.494	1480.2	357.	107.95	2.225
380.	6.059	34.375	5.19	6.026	27.056	36.055	44.656	0.515	1480.4	377.	104.94	2.347
400.	5.899	34.375	5.14	5.865	27.076	36.084	44.692	0.536	1480.1	397.	103.13	1.869
450.	5.573	34.374	5.07	5.536	27.116	36.139	44.762	0.587	1479.6	446.	99.77	1.644
500.	5.229	34.360	5.06	5.189	27.146	36.186	44.826	0.636	1479.0	496.	97.17	1.473
550.	4.506	34.291	5.43	4.464	27.173	36.251	44.926	0.684	1476.8	545.	94.21	1.538
600.	4.400	34.307	5.30	4.355	27.198	36.281	44.961	0.730	1477.2	594.	92.25	1.291
700.	3.904	34.320	5.11	3.854	27.260	36.369	45.073	0.820	1476.8	693.	86.57	1.494
800.	3.719	34.379	4.74	3.662	27.326	36.444	45.156	0.904	1477.8	792.	80.94	1.481
900.	3.482	34.411	4.50	3.418	27.376	36.506	45.230	0.983	1478.5	891.	76.63	1.317
1000.	2.858	34.407	4.54	2.792	27.430	36.594	45.349	1.056	1477.5	990.	70.75	1.494
1100.	2.783	34.466	4.27	2.709	27.485	36.652	45.411	1.124	1478.9	1089.	66.11	1.338
1200.	2.759	34.531	4.09	2.678	27.539	36.707	45.466	1.188	1480.5	1187.	61.65	1.314
1300.	2.712	34.585	4.03	2.623	27.588	36.758	45.518	1.247	1482.1	1286.	57.67	1.253
1400.	2.641	34.619	4.07	2.545	27.621	36.795	45.559	1.304	1483.5	1384.	54.96	1.068
1500.	2.676	34.681	4.12	2.572	27.668	36.840	45.601	1.357	1485.4	1483.	51.40	1.195
1600.	2.680	34.721	4.23	2.567	27.701	36.871	45.633	1.407	1487.1	1581.	49.09	1.005
1700.	2.629	34.741	4.35	2.508	27.722	36.896	45.660	1.455	1488.6	1680.	47.53	0.871
1800.	2.622	34.754	4.41	2.493	27.734	36.908	45.673	1.502	1490.2	1778.	47.09	0.615
1900.	2.592	34.766	4.49	2.455	27.746	36.922	45.689	1.549	1491.8	1877.	46.41	0.674
2000.	2.559	34.783	4.60	2.414	27.764	36.942	45.710	1.595	1493.4	1975.	45.28	0.781
2100.	2.513	34.795	4.72	2.360	27.778	36.958	45.729	1.640	1494.9	2073.	44.38	0.727
2200.	2.464	34.804	4.82	2.302	27.790	36.974	45.747	1.684	1496.3	2171.	43.62	0.694
2300.	2.421	34.808	4.88	2.251	27.797	36.984	45.760	1.727	1497.9	2270.	43.28	0.577
2400.	2.377	34.809	4.91	2.199	27.803	36.992	45.771	1.770	1499.4	2368.	43.10	0.526
2500.	2.313	34.813	4.99	2.127	27.812	37.005	45.787	1.813	1500.8	2466.	42.46	0.655
2600.	2.250	34.814	5.04	2.056	27.818	37.015	45.801	1.855	1502.2	2564.	42.00	0.602
2700.	2.160	34.810	5.06	1.958	27.823	37.025	45.816	1.897	1503.5	2662.	41.50	0.609
2800.	2.057	34.805	5.05	1.847	27.827	37.036	45.833	1.938	1504.7	2760.	40.86	0.642
2900.	1.916	34.796	5.07	1.700	27.831	37.048	45.853	1.979	1505.8	2858.	39.95	0.705
3000.	1.828	34.790	5.06	1.604	27.834	37.056	45.866	2.019	1507.1	2956.	39.49	0.577
3100.	1.755	34.784	5.04	1.522	27.836	37.063	45.877	2.058	1508.5	3053.	39.21	0.517
3200.	1.669	34.778	5.01	1.429	27.838	37.070	45.889	2.097	1509.8	3151.	38.73	0.573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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 363/171105
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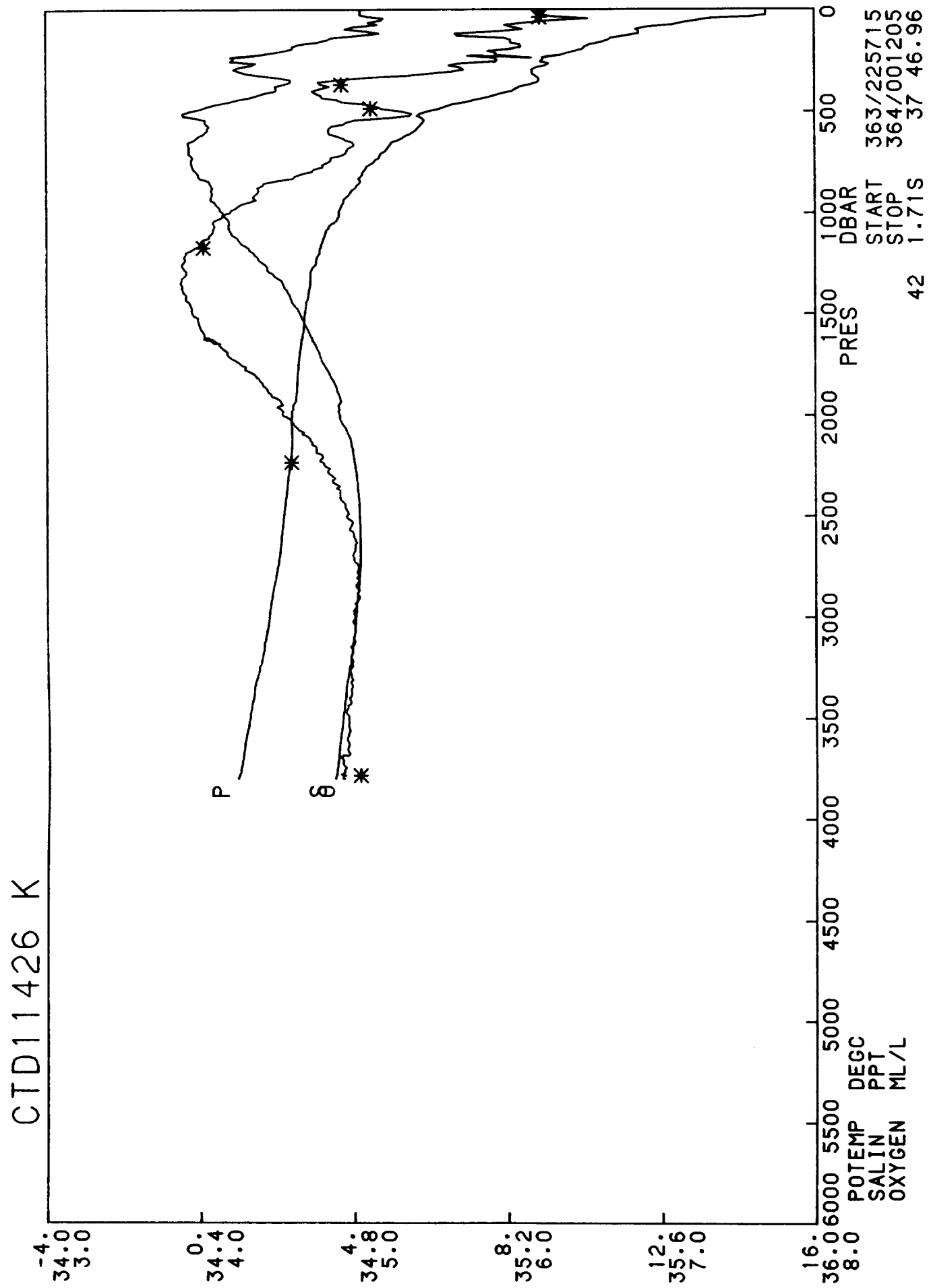
DISCOVERY 164 STATION 11425

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	13.726	34.525	6.55	13.724	25.878	34.547	42.838	0.022	1502.2	10.	211.54	-999.000
20.	12.970	34.557	6.84	12.967	26.056	34.754	43.071	0.042	1499.9	20.	194.88	7.508
40.	12.397	34.707	6.42	12.392	26.286	35.004	43.341	0.078	1498.5	40.	173.56	6.034
60.	11.653	34.698	6.26	11.645	26.422	35.170	43.534	0.111	1496.3	60.	161.14	4.643
80.	11.476	34.846	5.77	11.466	26.571	35.323	43.692	0.142	1496.2	79.	147.59	4.841
100.	11.043	34.798	5.69	11.031	26.613	35.384	43.770	0.171	1494.9	99.	143.99	2.615
120.	10.708	34.754	5.68	10.694	26.639	35.424	43.825	0.200	1494.0	119.	141.91	2.070
140.	10.242	34.676	5.80	10.226	26.660	35.466	43.885	0.228	1492.6	139.	140.28	1.877
160.	10.054	34.668	5.66	10.035	26.687	35.501	43.928	0.256	1492.2	159.	138.11	2.093
180.	9.289	34.538	5.96	9.270	26.713	35.561	44.021	0.283	1489.6	179.	135.86	2.123
200.	8.805	34.457	6.20	8.783	26.728	35.599	44.079	0.310	1488.1	198.	134.64	1.648
220.	8.520	34.422	6.23	8.497	26.745	35.629	44.122	0.337	1487.3	218.	133.32	1.695
240.	8.935	34.531	5.74	8.910	26.765	35.630	44.104	0.364	1489.3	238.	131.97	1.709
260.	9.124	34.605	5.12	9.095	26.794	35.649	44.115	0.390	1490.4	258.	129.82	2.069
280.	8.397	34.498	5.38	8.368	26.825	35.713	44.211	0.416	1487.9	278.	126.88	2.364
300.	8.218	34.511	5.27	8.187	26.862	35.759	44.263	0.441	1487.6	297.	123.62	2.469
320.	8.006	34.507	5.14	7.974	26.891	35.797	44.311	0.465	1487.1	317.	121.10	2.199
340.	7.900	34.509	5.04	7.866	26.908	35.820	44.338	0.489	1487.1	337.	119.75	1.693
360.	7.572	34.494	5.01	7.536	26.945	35.871	44.404	0.513	1486.1	357.	116.43	2.480
380.	7.325	34.481	4.99	7.289	26.970	35.908	44.451	0.536	1485.5	377.	114.19	2.078
400.	7.102	34.468	4.99	7.064	26.991	35.940	44.493	0.559	1484.9	396.	112.34	1.913
450.	6.357	34.413	5.10	6.317	27.048	36.033	44.621	0.613	1482.8	446.	106.95	2.034
500.	6.137	34.431	4.93	6.093	27.091	36.087	44.684	0.666	1482.8	495.	103.41	1.691
550.	5.639	34.402	4.91	5.592	27.131	36.151	44.772	0.717	1481.6	545.	99.69	1.720
600.	5.244	34.381	4.97	5.195	27.162	36.202	44.841	0.766	1480.8	594.	96.89	1.519
700.	4.357	34.331	5.11	4.304	27.222	36.308	44.990	0.859	1478.7	693.	90.92	1.543
800.	3.782	34.342	4.97	3.725	27.291	36.406	45.116	0.947	1478.0	792.	84.34	1.591
900.	3.805	34.427	4.39	3.739	27.357	36.471	45.178	1.029	1479.9	891.	79.10	1.436
1000.	3.476	34.464	4.18	3.405	27.420	36.550	45.273	1.105	1480.2	990.	73.34	1.493
1100.	3.245	34.510	4.00	3.167	27.479	36.621	45.355	1.175	1480.9	1089.	68.04	1.434
1200.	2.942	34.531	4.04	2.860	27.524	36.682	45.431	1.241	1481.3	1187.	63.70	1.310
1300.	2.851	34.576	3.97	2.761	27.568	36.731	45.485	1.303	1482.6	1286.	59.93	1.229
1400.	2.691	34.605	4.04	2.595	27.606	36.777	45.539	1.361	1483.7	1384.	56.56	1.170
1500.	2.652	34.645	4.07	2.548	27.642	36.815	45.579	1.416	1485.2	1483.	53.74	1.086
1600.	2.609	34.679	4.16	2.497	27.673	36.848	45.614	1.469	1486.7	1581.	51.33	1.019
1700.	2.640	34.725	4.28	2.520	27.708	36.882	45.645	1.519	1488.6	1680.	48.86	1.029
1800.	2.609	34.750	4.42	2.481	27.732	36.906	45.672	1.567	1490.2	1778.	47.23	0.884
1900.	2.505	34.758	4.50	2.369	27.747	36.928	45.699	1.613	1491.4	1877.	45.91	0.818
2000.	2.475	34.774	4.62	2.331	27.764	36.946	45.719	1.658	1493.0	1975.	44.86	0.758
2100.	2.474	34.792	4.72	2.321	27.779	36.962	45.735	1.703	1494.7	2073.	44.07	0.697
2200.	2.454	34.804	4.84	2.293	27.791	36.975	45.749	1.747	1496.3	2171.	43.47	0.650
2300.	2.400	34.811	4.92	2.230	27.802	36.989	45.766	1.790	1497.8	2270.	42.76	0.676
2400.	2.355	34.813	4.99	2.177	27.808	36.998	45.778	1.832	1499.3	2368.	42.49	0.553
2500.	2.318	34.814	5.02	2.131	27.813	37.005	45.788	1.875	1500.8	2466.	42.39	0.494
2600.	2.272	34.814	5.07	2.077	27.817	37.013	45.798	1.917	1502.3	2564.	42.26	0.503
2700.	2.208	34.813	5.10	2.004	27.822	37.021	45.810	1.959	1503.7	2662.	41.93	0.562
2800.	2.133	34.810	5.11	1.921	27.825	37.030	45.823	2.001	1505.1	2760.	41.58	0.566
2900.	2.063	34.806	5.10	1.843	27.828	37.037	45.834	2.042	1506.5	2858.	41.31	0.534
3000.	1.977	34.800	5.11	1.749	27.831	37.045	45.847	2.084	1507.8	2956.	40.92	0.567
3100.	1.864	34.792	5.10	1.629	27.834	37.055	45.863	2.124	1509.0	3053.	40.23	0.647
3200.	1.785	34.785	5.10	1.542	27.835	37.061	45.874	2.164	1510.4	3151.	39.91	0.530
3300.	1.702	34.780	5.08	1.451	27.837	37.068	45.886	2.204	1511.7	3249.	39.45	0.573
3400.	1.588	34.772	5.09	1.330	27.839	37.077	45.902	2.243	1512.9	3346.	38.67	0.654
3500.	1.460	34.763	5.09	1.194	27.842	37.087	45.919	2.281	1514.1	3444.	37.69	0.701
3600.	1.313	34.753	5.10	1.042	27.844	37.099	45.939	2.318	1515.1	3542.	36.49	0.746
3700.	1.200	34.745	5.11	0.920	27.845	37.107	45.954	2.354	1516.3	3639.	35.58	0.667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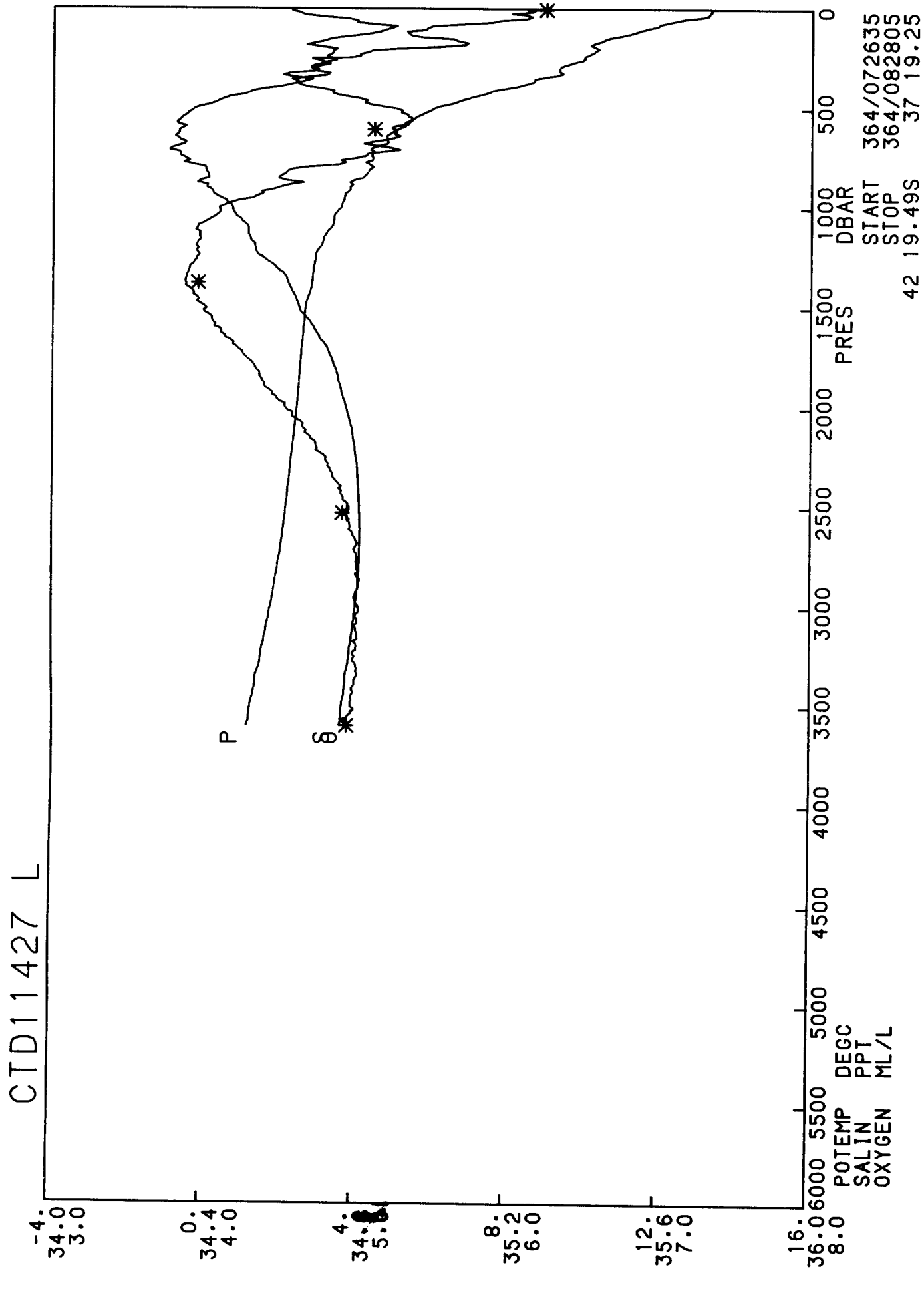
DISCOVERY 164 STATION 11426

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	14.738	34.818	6.22	14.737	25.890	34.517	42.770	0.021	1505.8	10.	210.48	-999.000
20.	14.732	34.818	6.23	14.730	25.891	34.519	42.772	0.042	1505.9	20.	210.63	0.755
40.	13.790	34.858	6.43	13.784	26.122	34.784	43.069	0.083	1503.3	40.	189.18	6.057
60.	12.736	34.853	6.19	12.728	26.334	35.036	43.359	0.118	1500.1	60.	169.64	5.788
80.	12.037	34.835	6.01	12.027	26.456	35.186	43.535	0.151	1498.1	79.	158.49	4.414
100.	11.382	34.794	6.05	11.369	26.548	35.305	43.679	0.182	1496.1	99.	150.18	3.836
120.	11.384	34.858	5.67	11.369	26.598	35.354	43.727	0.211	1496.5	119.	146.00	2.796
140.	10.722	34.742	5.98	10.705	26.628	35.413	43.813	0.240	1494.4	139.	143.45	2.258
160.	10.473	34.709	6.02	10.454	26.647	35.443	43.853	0.269	1493.8	159.	142.08	1.756
180.	10.069	34.645	6.09	10.049	26.667	35.481	43.908	0.297	1492.6	179.	140.49	1.854
200.	9.849	34.626	5.91	9.826	26.690	35.513	43.949	0.325	1492.1	198.	138.71	1.930
220.	9.474	34.565	5.93	9.449	26.705	35.546	43.997	0.353	1491.0	218.	137.52	1.650
240.	8.950	34.486	5.92	8.924	26.728	35.593	44.067	0.380	1489.3	238.	135.49	2.022
260.	8.995	34.513	5.81	8.967	26.742	35.604	44.077	0.407	1489.9	258.	134.61	1.471
280.	8.884	34.516	5.66	8.854	26.763	35.630	44.106	0.434	1489.8	278.	133.03	1.824
300.	8.675	34.496	5.68	8.643	26.780	35.657	44.142	0.460	1489.3	297.	131.67	1.716
320.	8.735	34.538	5.42	8.700	26.804	35.677	44.160	0.486	1489.9	317.	129.86	1.923
340.	8.857	34.617	5.01	8.820	26.847	35.714	44.191	0.512	1490.8	337.	126.24	2.592
360.	8.762	34.632	4.77	8.723	26.874	35.745	44.226	0.537	1490.8	357.	124.05	2.086
380.	8.360	34.597	4.83	8.321	26.909	35.798	44.296	0.562	1489.6	377.	120.83	2.458
400.	8.179	34.597	4.73	8.138	26.937	35.835	44.340	0.586	1489.2	396.	118.41	2.165
450.	7.089	34.486	4.91	7.046	27.008	35.957	44.511	0.643	1485.7	446.	111.55	2.277
500.	5.998	34.374	5.31	5.954	27.064	36.067	44.671	0.697	1482.1	495.	105.76	2.095
550.	5.867	34.414	4.97	5.820	27.112	36.121	44.731	0.749	1482.5	545.	101.79	1.768
600.	5.614	34.415	4.84	5.564	27.145	36.166	44.788	0.799	1482.3	594.	99.03	1.517
700.	4.810	34.371	4.95	4.755	27.204	36.266	44.926	0.895	1480.6	693.	93.40	1.517
800.	4.287	34.392	4.69	4.227	27.279	36.368	45.052	0.985	1480.2	792.	86.49	1.638
900.	3.962	34.431	4.37	3.895	27.345	36.450	45.150	1.069	1480.5	891.	80.64	1.515
1000.	3.681	34.460	4.18	3.608	27.396	36.516	45.229	1.147	1481.0	990.	76.05	1.360
1100.	3.327	34.481	4.08	3.249	27.448	36.586	45.317	1.221	1481.2	1088.	71.14	1.392
1200.	3.176	34.539	3.91	3.091	27.509	36.655	45.393	1.289	1482.3	1187.	65.77	1.440
1300.	2.958	34.587	3.91	2.867	27.568	36.724	45.473	1.352	1483.1	1286.	60.37	1.440
1400.	2.905	34.631	3.90	2.806	27.608	36.767	45.518	1.411	1484.6	1384.	57.17	1.152
1500.	2.817	34.660	3.95	2.711	27.640	36.804	45.559	1.467	1485.9	1483.	54.58	1.056
1600.	2.774	34.685	4.03	2.660	27.665	36.831	45.588	1.520	1487.5	1581.	52.80	0.916
1700.	2.693	34.710	4.18	2.572	27.692	36.863	45.624	1.572	1488.8	1680.	50.57	0.995
1800.	2.651	34.737	4.35	2.522	27.718	36.891	45.654	1.622	1490.3	1778.	48.68	0.933
1900.	2.623	34.761	4.46	2.486	27.740	36.914	45.679	1.670	1491.9	1877.	47.15	0.864
2000.	2.512	34.762	4.54	2.368	27.751	36.932	45.703	1.716	1493.1	1975.	46.19	0.743
2100.	2.541	34.786	4.69	2.387	27.769	36.948	45.718	1.762	1495.0	2073.	45.36	0.710
2200.	2.509	34.798	4.79	2.347	27.781	36.963	45.734	1.807	1496.5	2171.	44.65	0.682
2300.	2.443	34.806	4.86	2.272	27.794	36.979	45.754	1.851	1497.9	2270.	43.70	0.735
2400.	2.395	34.811	4.91	2.216	27.802	36.991	45.769	1.894	1499.4	2368.	43.23	0.613
2500.	2.338	34.814	4.95	2.151	27.810	37.002	45.783	1.937	1500.9	2466.	42.74	0.617
2600.	2.290	34.815	5.00	2.095	27.816	37.011	45.795	1.980	1502.4	2564.	42.49	0.543
2700.	2.242	34.815	4.99	2.037	27.820	37.018	45.805	2.022	1503.9	2662.	42.27	0.529
2800.	2.153	34.812	5.02	1.941	27.825	37.029	45.821	2.064	1505.2	2760.	41.72	0.626
2900.	2.059	34.806	5.03	1.839	27.829	37.038	45.835	2.106	1506.5	2858.	41.24	0.599
3000.	1.991	34.802	5.00	1.763	27.831	37.045	45.846	2.147	1507.9	2955.	40.97	0.529
3100.	1.912	34.796	4.99	1.675	27.833	37.052	45.858	2.188	1509.2	3053.	40.64	0.546
3200.	1.822	34.790	4.97	1.578	27.836	37.060	45.871	2.228	1510.5	3151.	40.15	0.587
3300.	1.689	34.780	4.98	1.438	27.838	37.070	45.889	2.268	1511.6	3249.	39.26	0.691
3400.	1.595	34.773	4.96	1.336	27.840	37.078	45.902	2.307	1512.9	3346.	38.67	0.603
3500.	1.503	34.766	4.96	1.236	27.842	37.085	45.915	2.345	1514.2	3444.	38.08	0.597
3600.	1.401	34.759	4.94	1.127	27.843	37.093	45.929	2.383	1515.5	3542.	37.34	0.634
3700.	1.334	34.754	4.91	1.052	27.845	37.099	45.938	2.420	1516.9	3639.	36.93	0.532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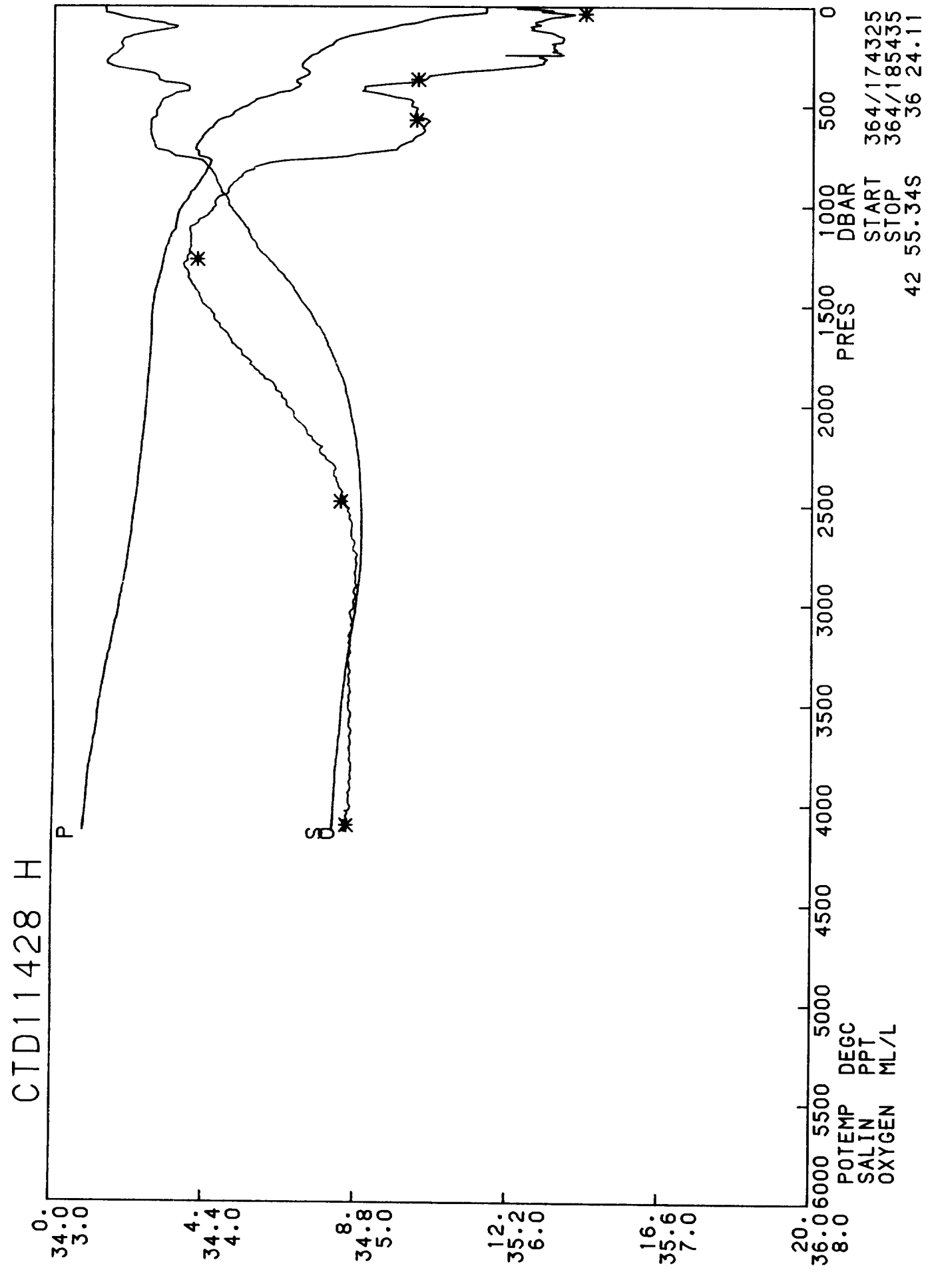
DISCOVERY 164 STATION 11427

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	13.350	34.632	6.17	13.349	26.038	34.719	43.022	0.020	1501.1	10.	196.39	-999.000
20.	13.299	34.652	6.10	13.297	26.064	34.747	43.052	0.039	1501.1	20.	194.19	2.878
40.	13.097	34.713	6.15	13.091	26.153	34.843	43.155	0.078	1500.8	40.	186.28	3.756
60.	12.385	34.802	5.94	12.377	26.363	35.080	43.416	0.112	1498.9	60.	166.85	5.769
80.	11.973	34.863	5.63	11.963	26.491	35.223	43.573	0.145	1497.9	79.	155.25	4.497
100.	11.613	34.884	5.46	11.600	26.575	35.322	43.685	0.175	1497.0	99.	147.69	3.670
120.	11.264	34.846	5.34	11.249	26.611	35.372	43.749	0.204	1496.1	119.	144.77	2.397
140.	10.775	34.766	5.42	10.758	26.637	35.420	43.817	0.233	1494.6	139.	142.60	2.109
160.	10.473	34.714	5.66	10.454	26.650	35.446	43.856	0.261	1493.8	159.	141.75	1.490
180.	10.187	34.669	5.71	10.166	26.665	35.474	43.896	0.290	1493.1	179.	140.72	1.584
200.	10.401	34.747	5.25	10.378	26.690	35.488	43.901	0.317	1494.2	198.	138.96	1.929
220.	10.234	34.736	5.06	10.208	26.710	35.516	43.935	0.345	1494.0	218.	137.41	1.833
240.	10.027	34.724	5.00	9.999	26.737	35.552	43.979	0.372	1493.5	238.	135.26	2.090
260.	9.897	34.734	4.77	9.867	26.768	35.588	44.020	0.399	1493.4	258.	132.74	2.227
280.	9.535	34.693	4.79	9.503	26.796	35.632	44.080	0.425	1492.4	278.	130.29	2.201
300.	9.384	34.683	4.73	9.350	26.814	35.656	44.111	0.451	1492.1	297.	128.98	1.709
320.	9.463	34.725	4.57	9.427	26.834	35.673	44.124	0.477	1492.8	317.	127.52	1.776
340.	9.032	34.675	4.59	8.995	26.865	35.723	44.192	0.502	1491.5	337.	124.73	2.319
360.	8.737	34.644	4.66	8.698	26.888	35.760	44.241	0.527	1490.7	357.	122.75	2.000
380.	8.422	34.620	4.63	8.382	26.918	35.804	44.299	0.551	1489.8	377.	120.04	2.279
400.	7.883	34.554	4.78	7.842	26.947	35.859	44.378	0.575	1488.0	396.	117.17	2.330
450.	6.938	34.450	5.03	6.895	27.000	35.957	44.518	0.632	1485.1	446.	112.12	1.989
500.	6.055	34.372	5.27	6.011	27.055	36.055	44.657	0.687	1482.4	495.	106.71	2.032
550.	5.548	34.337	5.37	5.502	27.091	36.117	44.742	0.739	1481.1	545.	103.35	1.644
600.	5.177	34.339	5.24	5.128	27.137	36.181	44.823	0.790	1480.5	594.	99.17	1.797
700.	4.459	34.310	5.25	4.406	27.195	36.276	44.953	0.886	1479.1	693.	93.68	1.490
800.	4.456	34.403	4.60	4.394	27.270	36.350	45.026	0.977	1480.9	792.	87.69	1.538
900.	3.905	34.411	4.47	3.839	27.335	36.443	45.146	1.062	1480.3	891.	81.44	1.560
1000.	3.648	34.475	4.10	3.575	27.411	36.532	45.247	1.140	1480.9	990.	74.58	1.617
1100.	3.395	34.517	3.95	3.316	27.470	36.604	45.331	1.212	1481.6	1088.	69.28	1.438
1200.	3.107	34.535	3.96	3.022	27.512	36.662	45.403	1.279	1482.0	1187.	65.26	1.273
1300.	2.962	34.592	3.90	2.871	27.571	36.727	45.475	1.342	1483.1	1286.	60.09	1.412
1400.	2.915	34.629	3.90	2.816	27.605	36.764	45.514	1.400	1484.6	1384.	57.44	1.068
1500.	2.771	34.652	4.01	2.666	27.637	36.804	45.561	1.456	1485.7	1483.	54.62	1.092
1600.	2.728	34.690	4.10	2.614	27.672	36.841	45.601	1.509	1487.3	1581.	51.89	1.075
1700.	2.690	34.725	4.22	2.569	27.704	36.875	45.636	1.560	1488.8	1680.	49.44	1.030
1800.	2.656	34.748	4.34	2.527	27.726	36.898	45.661	1.609	1490.4	1778.	47.96	0.856
1900.	2.630	34.762	4.42	2.493	27.740	36.914	45.679	1.656	1492.0	1877.	47.19	0.701
2000.	2.593	34.777	4.54	2.447	27.756	36.932	45.699	1.703	1493.5	1975.	46.18	0.756
2100.	2.543	34.792	4.66	2.389	27.773	36.952	45.721	1.749	1495.0	2073.	44.99	0.793
2200.	2.497	34.799	4.75	2.335	27.784	36.966	45.738	1.793	1496.5	2171.	44.37	0.658
2300.	2.446	34.806	4.83	2.276	27.794	36.979	45.754	1.837	1498.0	2269.	43.75	0.654
2400.	2.402	34.810	4.90	2.223	27.801	36.989	45.767	1.881	1499.5	2368.	43.39	0.581
2500.	2.355	34.812	4.95	2.167	27.808	36.999	45.779	1.924	1501.0	2466.	43.06	0.572
2600.	2.305	34.814	4.97	2.109	27.814	37.008	45.791	1.967	1502.4	2564.	42.75	0.562
2700.	2.241	34.813	5.00	2.037	27.819	37.017	45.804	2.010	1503.9	2662.	42.39	0.575
2800.	2.171	34.811	5.01	1.958	27.824	37.026	45.817	2.052	1505.3	2760.	42.00	0.579
2900.	2.087	34.807	5.02	1.866	27.828	37.035	45.831	2.094	1506.6	2857.	41.53	0.595
3000.	1.997	34.801	5.03	1.769	27.831	37.044	45.845	2.135	1507.9	2955.	41.07	0.590
3100.	1.899	34.795	5.01	1.664	27.833	37.052	45.859	2.176	1509.2	3053.	40.53	0.607
3200.	1.798	34.787	5.01	1.555	27.835	37.061	45.873	2.216	1510.4	3151.	39.99	0.603
3300.	1.719	34.781	5.01	1.468	27.837	37.067	45.884	2.256	1511.8	3249.	39.62	0.542
3400.	1.617	34.774	4.99	1.358	27.839	37.076	45.899	2.295	1513.0	3346.	38.94	0.633
3500.	1.505	34.766	4.97	1.239	27.841	37.084	45.914	2.334	1514.3	3444.	38.15	0.651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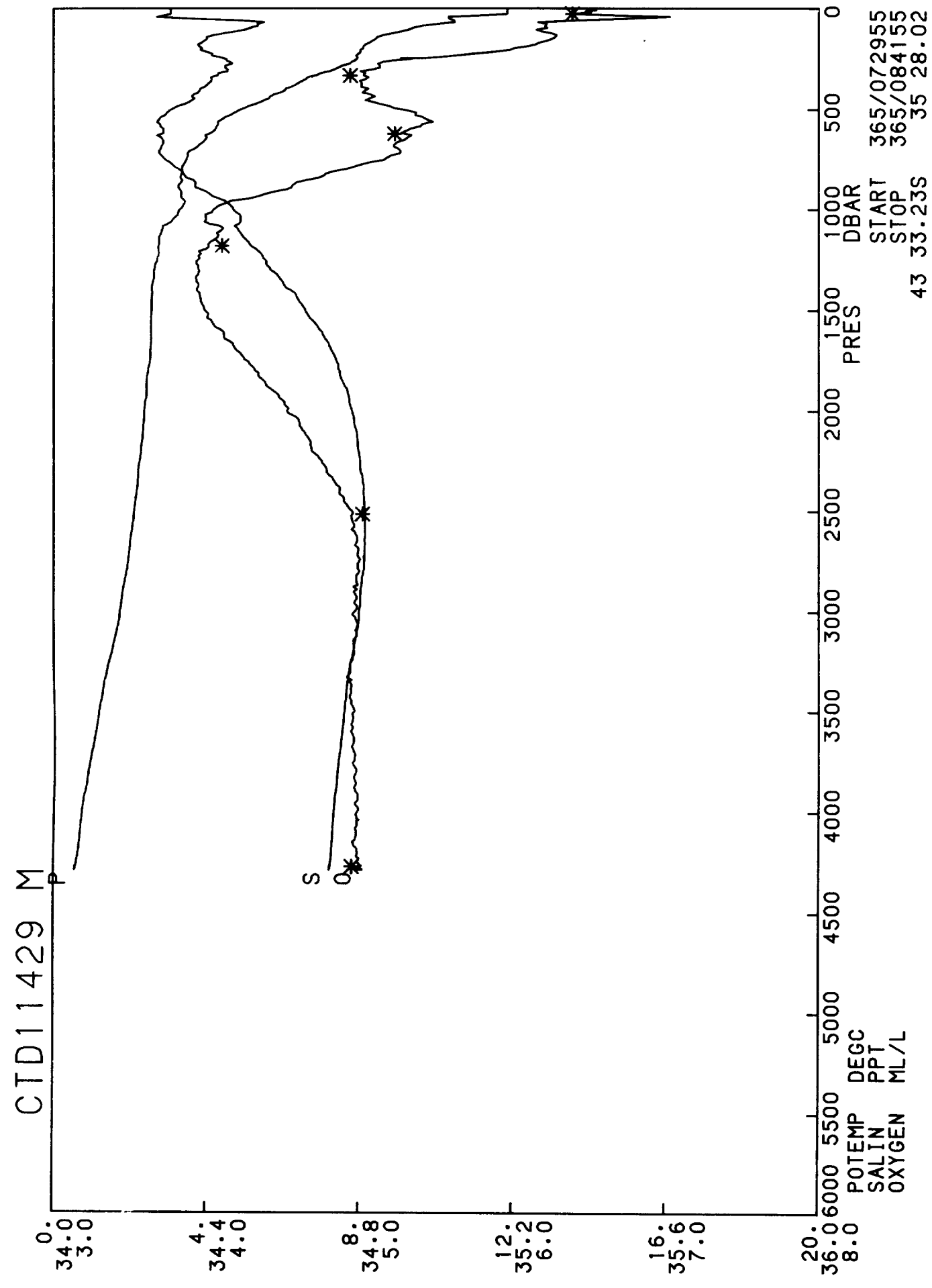
DISCOVERY 164 STATION 11428

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	11.385	34.136	6.10	11.383	26.033	34.799	43.181	0.020	1493.8	10.	196.77	-999.000
20.	11.384	34.136	6.27	11.382	26.034	34.799	43.181	0.039	1494.0	20.	196.99	0.303
40.	10.805	34.161	6.41	10.800	26.158	34.947	43.351	0.078	1492.3	40.	185.63	4.440
60.	9.951	34.203	6.24	9.944	26.339	35.164	43.601	0.113	1489.7	60.	168.79	5.365
80.	9.559	34.274	6.17	9.550	26.461	35.301	43.753	0.146	1488.7	79.	157.65	4.390
100.	8.975	34.325	6.14	8.964	26.596	35.461	43.936	0.176	1486.9	99.	145.17	4.636
120.	8.500	34.281	6.19	8.487	26.636	35.523	44.018	0.205	1485.4	119.	141.65	2.555
140.	7.967	34.224	6.30	7.953	26.672	35.583	44.102	0.233	1483.7	139.	138.48	2.433
160.	7.586	34.187	6.35	7.571	26.699	35.628	44.163	0.260	1482.5	159.	136.16	2.111
180.	7.388	34.178	6.32	7.370	26.719	35.658	44.203	0.287	1482.1	178.	134.45	1.853
200.	7.248	34.182	6.29	7.229	26.743	35.689	44.239	0.314	1481.9	198.	132.49	1.957
220.	7.053	34.173	6.30	7.033	26.763	35.718	44.277	0.340	1481.4	218.	130.83	1.820
240.	6.895	34.161	6.34	6.873	26.775	35.738	44.304	0.366	1481.1	238.	129.92	1.433
260.	6.721	34.146	6.22	6.697	26.787	35.758	44.332	0.392	1480.8	258.	128.97	1.452
280.	6.603	34.140	6.22	6.578	26.798	35.775	44.355	0.418	1480.6	278.	128.16	1.361
300.	6.557	34.154	6.12	6.530	26.816	35.795	44.376	0.443	1480.8	297.	126.77	1.685
320.	6.674	34.205	5.86	6.644	26.841	35.813	44.389	0.469	1481.6	317.	124.83	1.935
340.	6.742	34.264	5.57	6.711	26.879	35.847	44.419	0.493	1482.3	337.	121.61	2.427
360.	6.563	34.276	5.46	6.531	26.912	35.889	44.469	0.517	1482.0	357.	118.63	2.346
380.	6.423	34.288	5.38	6.389	26.940	35.924	44.510	0.541	1481.7	377.	116.14	2.162
400.	6.506	34.351	5.10	6.470	26.979	35.958	44.539	0.564	1482.5	396.	112.86	2.446
450.	5.760	34.310	5.21	5.722	27.043	36.058	44.674	0.619	1480.3	446.	106.83	2.124
500.	5.151	34.279	5.35	5.111	27.091	36.137	44.781	0.671	1478.6	495.	102.21	1.876
550.	4.710	34.270	5.38	4.667	27.135	36.203	44.868	0.720	1477.6	545.	98.11	1.771
600.	4.247	34.255	5.44	4.203	27.173	36.265	44.952	0.768	1476.5	594.	94.39	1.687
700.	3.809	34.267	5.28	3.759	27.228	36.343	45.052	0.860	1476.4	693.	89.43	1.407
800.	4.152	34.405	4.35	4.092	27.303	36.398	45.089	0.947	1479.6	792.	83.98	1.465
900.	3.834	34.437	4.17	3.768	27.362	36.474	45.180	1.028	1480.0	891.	78.73	1.443
1000.	3.451	34.464	4.07	3.380	27.422	36.553	45.278	1.104	1480.1	990.	73.09	1.480
1100.	3.291	34.506	3.91	3.213	27.471	36.610	45.343	1.175	1481.1	1088.	68.90	1.297
1200.	3.056	34.536	3.91	2.972	27.517	36.669	45.413	1.241	1481.8	1187.	64.64	1.302
1300.	2.940	34.584	3.86	2.849	27.567	36.725	45.474	1.304	1483.0	1286.	60.36	1.301
1400.	2.811	34.630	3.93	2.714	27.616	36.780	45.535	1.362	1484.2	1384.	56.12	1.293
1500.	2.720	34.664	4.00	2.616	27.651	36.820	45.580	1.417	1485.5	1483.	53.15	1.113
1600.	2.698	34.697	4.10	2.586	27.681	36.851	45.611	1.469	1487.1	1581.	51.02	0.975
1700.	2.688	34.725	4.20	2.567	27.704	36.875	45.636	1.519	1488.8	1680.	49.47	0.869
1800.	2.653	34.748	4.31	2.524	27.726	36.899	45.662	1.567	1490.4	1778.	47.91	0.873
1900.	2.612	34.770	4.46	2.474	27.748	36.923	45.689	1.615	1491.9	1876.	46.35	0.871
2000.	2.583	34.781	4.54	2.437	27.761	36.937	45.704	1.661	1493.5	1975.	45.70	0.668
2100.	2.541	34.792	4.65	2.388	27.774	36.953	45.722	1.706	1495.0	2073.	44.92	0.701
2200.	2.492	34.801	4.76	2.330	27.785	36.967	45.740	1.750	1496.5	2171.	44.19	0.685
2300.	2.440	34.807	4.85	2.270	27.795	36.981	45.756	1.794	1497.9	2269.	43.55	0.662
2400.	2.396	34.811	4.88	2.217	27.803	36.991	45.769	1.838	1499.4	2367.	43.21	0.577
2500.	2.330	34.813	4.93	2.143	27.811	37.003	45.784	1.881	1500.9	2466.	42.65	0.633
2600.	2.272	34.814	4.97	2.077	27.816	37.012	45.797	1.923	1502.3	2564.	42.30	0.575
2700.	2.213	34.813	4.98	2.010	27.821	37.021	45.809	1.965	1503.7	2662.	41.99	0.555
2800.	2.148	34.811	5.00	1.936	27.826	37.029	45.822	2.007	1505.2	2759.	41.66	0.559
2900.	2.062	34.806	5.00	1.842	27.828	37.037	45.835	2.048	1506.5	2857.	41.28	0.568
3000.	1.969	34.799	4.98	1.741	27.831	37.045	45.848	2.090	1507.8	2955.	40.86	0.579
3100.	1.861	34.791	4.97	1.626	27.833	37.054	45.863	2.130	1509.0	3053.	40.27	0.617
3200.	1.764	34.783	4.96	1.521	27.834	37.061	45.876	2.170	1510.3	3151.	39.81	0.574
3300.	1.640	34.774	4.95	1.391	27.837	37.072	45.893	2.210	1511.4	3248.	38.92	0.687
3400.	1.548	34.767	4.95	1.290	27.839	37.079	45.906	2.248	1512.7	3346.	38.38	0.587
3500.	1.449	34.761	4.95	1.184	27.841	37.087	45.920	2.286	1514.0	3444.	37.66	0.628
3600.	1.401	34.757	4.95	1.127	27.842	37.092	45.927	2.324	1515.5	3541.	37.47	0.462
3700.	1.318	34.751	4.96	1.036	27.843	37.098	45.939	2.361	1516.9	3639.	36.89	0.584
3800.	1.234	34.746	4.97	0.944	27.845	37.105	45.951	2.398	1518.2	3736.	36.25	0.597
3900.	1.192	34.743	4.96	0.893	27.846	37.109	45.957	2.434	1519.7	3834.	36.05	0.446
4000.	1.166	34.740	4.96	0.857	27.846	37.111	45.962	2.470	1521.4	3931.	36.05	0.363
4100.	1.139	34.739	4.93	0.819	27.847	37.115	45.967	2.506	1523.0	4029.	35.90	0.424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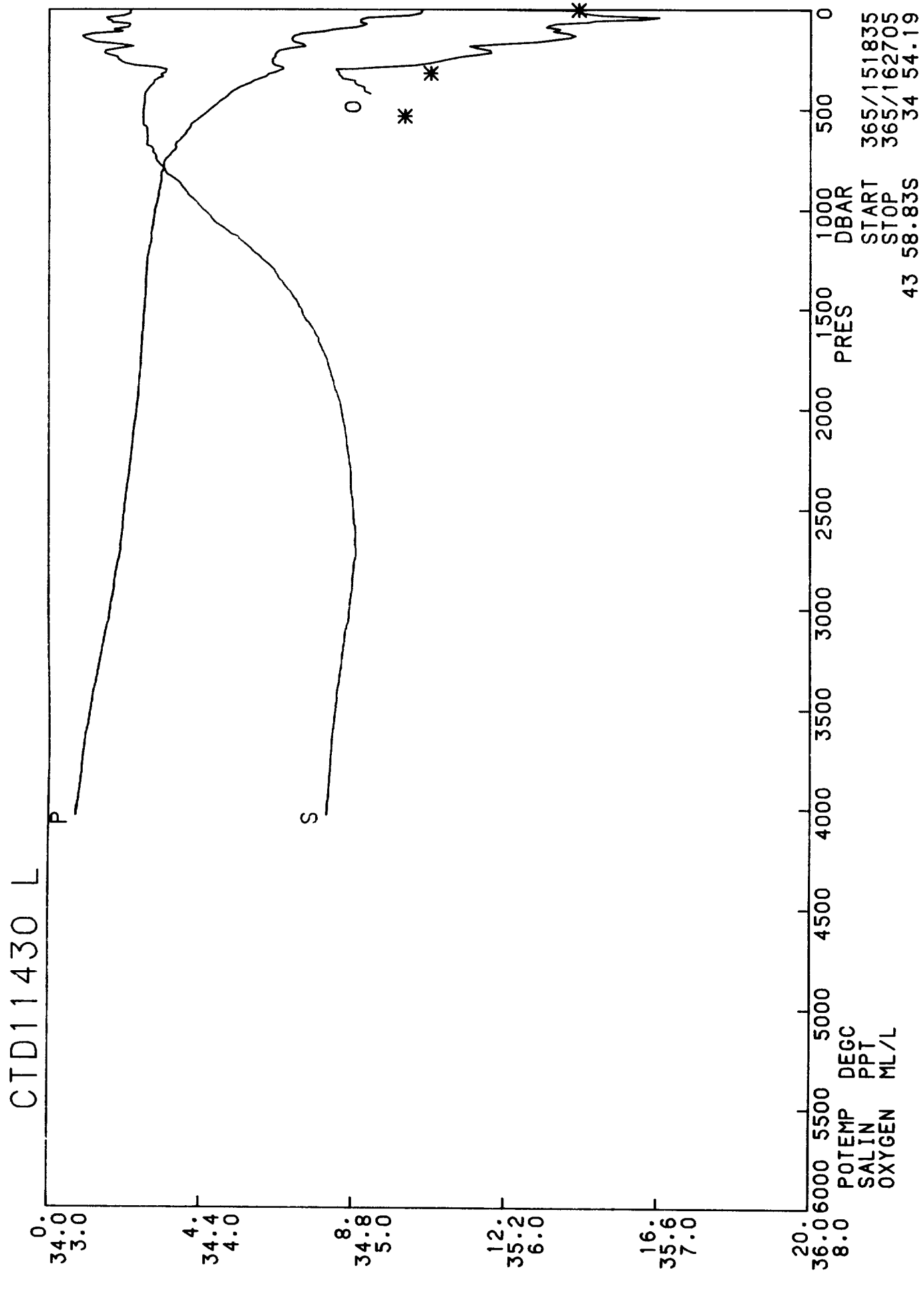
DISCOVERY 164 STATION 11429

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	11.869	34.307	6.53	11.868	26.076	34.820	43.181	0.019	1495.7	10.	192.70	-999.000
20.	11.859	34.307	6.49	11.856	26.078	34.822	43.184	0.039	1495.8	20.	192.77	0.792
40.	10.524	34.275	6.96	10.519	26.296	35.095	43.508	0.076	1491.5	40.	172.46	5.883
60.	10.473	34.491	6.38	10.465	26.474	35.273	43.685	0.109	1491.9	60.	156.05	5.302
80.	9.909	34.534	6.22	9.900	26.605	35.427	43.861	0.139	1490.2	79.	144.02	4.562
100.	9.358	34.508	6.19	9.347	26.677	35.523	43.980	0.167	1488.5	99.	137.54	3.395
120.	8.934	34.454	6.24	8.922	26.704	35.569	44.044	0.194	1487.3	119.	135.34	2.089
140.	8.497	34.403	6.28	8.483	26.732	35.617	44.111	0.221	1485.9	139.	132.94	2.162
160.	8.349	34.394	6.22	8.332	26.748	35.640	44.140	0.247	1485.7	159.	131.78	1.610
180.	8.160	34.379	6.14	8.142	26.765	35.666	44.174	0.273	1485.3	178.	130.47	1.679
200.	8.078	34.387	6.00	8.058	26.784	35.688	44.200	0.299	1485.3	198.	129.03	1.736
220.	8.014	34.409	5.79	7.991	26.811	35.718	44.232	0.325	1485.4	218.	126.80	2.083
240.	7.963	34.432	5.53	7.939	26.837	35.746	44.262	0.350	1485.6	238.	124.68	2.040
260.	7.871	34.456	5.19	7.845	26.869	35.783	44.302	0.375	1485.6	258.	121.93	2.282
280.	7.635	34.455	5.13	7.608	26.903	35.827	44.357	0.399	1485.0	278.	118.93	2.370
300.	7.391	34.454	5.09	7.362	26.938	35.874	44.414	0.422	1484.4	297.	115.82	2.406
320.	7.026	34.432	5.04	6.996	26.972	35.925	44.482	0.445	1483.3	317.	112.71	2.399
340.	6.691	34.412	5.06	6.660	27.002	35.971	44.543	0.467	1482.3	337.	109.94	2.276
360.	6.528	34.412	5.01	6.495	27.024	36.000	44.580	0.489	1482.0	357.	108.07	1.908
380.	6.330	34.400	5.01	6.296	27.041	36.027	44.615	0.511	1481.5	377.	106.62	1.710
400.	6.095	34.383	5.05	6.060	27.058	36.056	44.655	0.532	1480.9	396.	105.05	1.764
450.	5.590	34.365	5.05	5.553	27.106	36.129	44.751	0.583	1479.7	446.	100.68	1.841
500.	4.931	34.307	5.28	4.891	27.139	36.195	44.849	0.633	1477.8	495.	97.46	1.602
550.	4.433	34.276	5.44	4.391	27.169	36.251	44.929	0.681	1476.5	545.	94.51	1.531
600.	4.260	34.287	5.32	4.215	27.197	36.288	44.975	0.728	1476.6	594.	92.13	1.393
700.	3.675	34.278	5.26	3.626	27.250	36.371	45.087	0.817	1475.8	693.	87.11	1.412
800.	3.412	34.329	4.89	3.357	27.316	36.451	45.179	0.902	1476.4	792.	81.22	1.503
900.	3.368	34.386	4.52	3.305	27.366	36.503	45.233	0.981	1478.0	891.	77.24	1.267
1000.	3.362	34.471	4.04	3.291	27.436	36.572	45.301	1.055	1479.7	990.	71.58	1.475
1100.	2.904	34.483	4.10	2.829	27.487	36.648	45.400	1.124	1479.4	1088.	66.24	1.432
1200.	2.826	34.532	3.97	2.744	27.535	36.699	45.454	1.188	1480.8	1187.	62.31	1.249
1300.	2.710	34.569	3.95	2.622	27.575	36.745	45.506	1.249	1482.0	1286.	58.84	1.182
1400.	2.670	34.621	3.94	2.574	27.621	36.793	45.555	1.306	1483.6	1384.	55.14	1.215
1500.	2.659	34.659	3.99	2.555	27.652	36.825	45.588	1.360	1485.3	1483.	52.81	1.005
1600.	2.666	34.699	4.10	2.553	27.685	36.856	45.619	1.411	1487.0	1581.	50.50	1.004
1700.	2.645	34.728	4.21	2.525	27.711	36.884	45.647	1.461	1488.6	1680.	48.66	0.923
1800.	2.597	34.748	4.33	2.468	27.731	36.907	45.673	1.509	1490.1	1778.	47.19	0.852
1900.	2.568	34.769	4.44	2.432	27.751	36.929	45.696	1.555	1491.7	1876.	45.85	0.825
2000.	2.511	34.781	4.53	2.366	27.766	36.947	45.718	1.601	1493.2	1975.	44.79	0.763
2100.	2.488	34.792	4.64	2.335	27.778	36.960	45.732	1.645	1494.8	2073.	44.21	0.645
2200.	2.443	34.798	4.69	2.281	27.787	36.972	45.747	1.689	1496.2	2171.	43.76	0.610
2300.	2.375	34.803	4.79	2.206	27.798	36.987	45.765	1.732	1497.7	2269.	42.98	0.694
2400.	2.346	34.811	4.87	2.169	27.806	36.997	45.778	1.775	1499.2	2367.	42.58	0.589
2500.	2.291	34.815	4.95	2.105	27.815	37.009	45.793	1.817	1500.7	2465.	42.03	0.631
2600.	2.234	34.815	4.97	2.039	27.820	37.018	45.805	1.859	1502.1	2563.	41.70	0.563
2700.	2.178	34.814	4.99	1.975	27.824	37.026	45.816	1.901	1503.6	2661.	41.47	0.527
2800.	2.113	34.809	5.00	1.902	27.827	37.032	45.826	1.942	1505.0	2759.	41.31	0.501
2900.	2.022	34.802	4.97	1.803	27.829	37.040	45.839	1.983	1506.3	2857.	40.97	0.557
3000.	1.954	34.798	4.96	1.727	27.831	37.046	45.850	2.024	1507.7	2955.	40.73	0.516
3100.	1.875	34.793	4.98	1.639	27.834	37.054	45.862	2.065	1509.1	3053.	40.33	0.563
3200.	1.763	34.783	4.96	1.520	27.835	37.062	45.876	2.105	1510.3	3151.	39.75	0.609
3300.	1.631	34.772	4.94	1.382	27.836	37.071	45.893	2.144	1511.4	3248.	38.96	0.662
3400.	1.531	34.765	4.95	1.274	27.838	37.079	45.907	2.183	1512.6	3346.	38.27	0.625
3500.	1.433	34.760	4.96	1.168	27.841	37.088	45.922	2.221	1513.9	3444.	37.52	0.639
3600.	1.357	34.754	4.95	1.084	27.842	37.094	45.932	2.258	1515.3	3541.	37.05	0.553
3700.	1.260	34.748	4.96	0.979	27.844	37.102	45.946	2.295	1516.6	3639.	36.27	0.637
3800.	1.175	34.742	4.97	0.887	27.845	37.109	45.958	2.331	1517.9	3736.	35.64	0.589
3900.	1.101	34.737	4.98	0.803	27.847	37.115	45.968	2.366	1519.3	3834.	35.06	0.572
4000.	1.031	34.732	4.98	0.725	27.848	37.121	45.979	2.401	1520.7	3931.	34.50	0.563
4100.	0.995	34.729	4.98	0.680	27.848	37.124	45.984	2.435	1522.3	4028.	34.32	0.423
4200.	0.956	34.726	4.99	0.631	27.849	37.128	45.990	2.469	1523.9	4126.	34.07	0.452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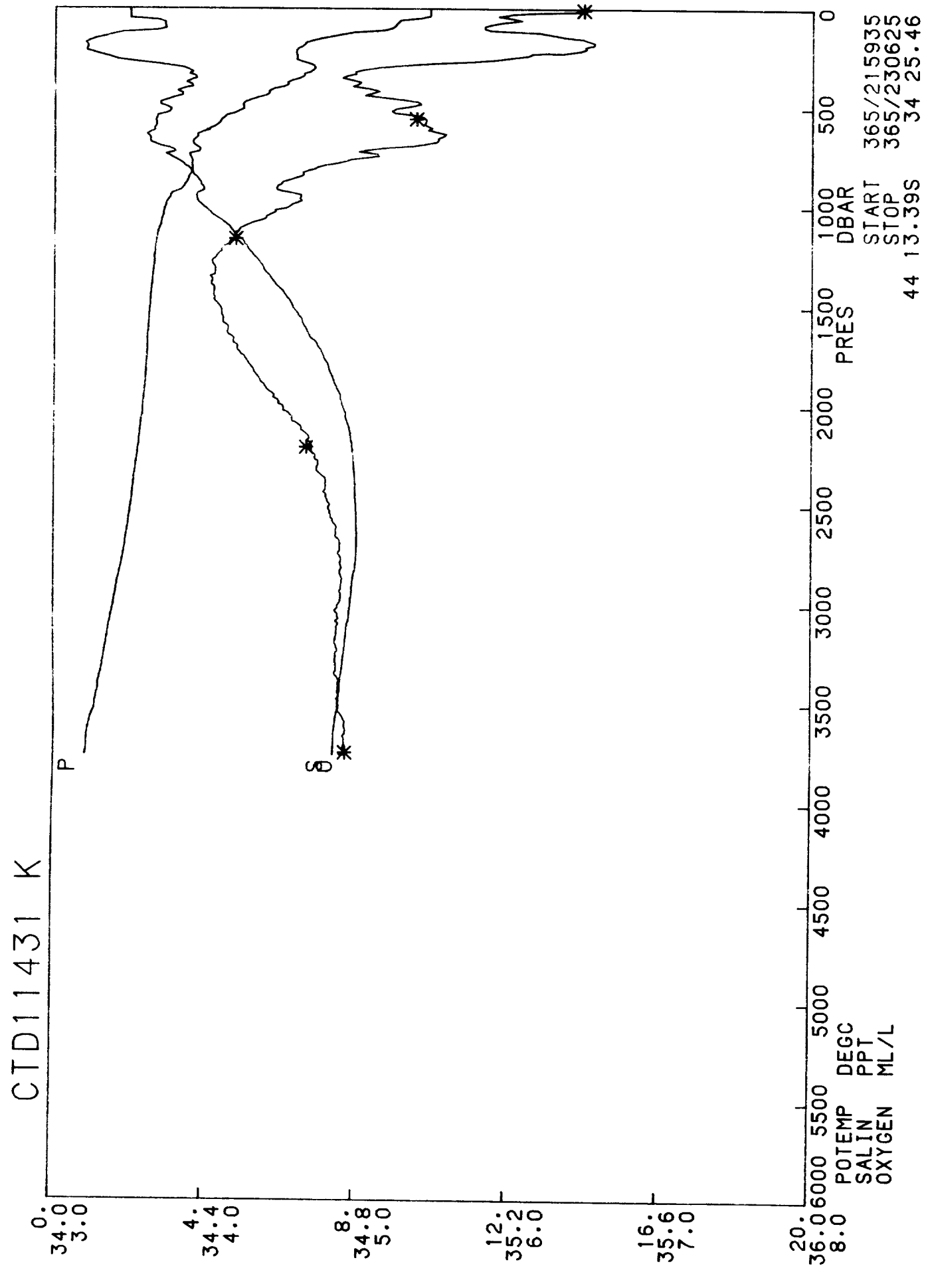
DISCOVERY 164 STATION 11430

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	9.788	34.214	6.50	9.786	26.375	35.206	43.649	0.016	1488.3	10.	164.30	-999.000
20.	9.744	34.213	6.51	9.741	26.381	35.214	43.659	0.033	1488.3	20.	163.93	1.406
40.	8.476	34.157	6.97	8.472	26.540	35.429	43.927	0.065	1483.9	40.	149.12	5.034
60.	8.190	34.166	6.57	8.184	26.592	35.494	44.003	0.094	1483.1	60.	144.61	2.853
80.	8.269	34.213	6.29	8.261	26.617	35.515	44.020	0.123	1483.8	79.	142.62	1.986
100.	7.516	34.173	6.35	7.506	26.697	35.629	44.168	0.150	1481.2	99.	135.28	3.583
120.	6.711	34.122	6.40	6.701	26.767	35.739	44.313	0.177	1478.4	119.	128.67	3.400
140.	6.412	34.093	6.43	6.400	26.785	35.771	44.359	0.202	1477.5	139.	127.23	1.707
160.	6.448	34.118	6.23	6.434	26.800	35.784	44.370	0.228	1478.0	159.	126.09	1.544
180.	6.728	34.208	5.84	6.712	26.835	35.804	44.376	0.253	1479.6	178.	123.28	2.280
200.	6.227	34.168	5.85	6.210	26.869	35.863	44.458	0.277	1477.9	198.	120.09	2.413
220.	5.988	34.150	5.88	5.969	26.885	35.891	44.497	0.301	1477.2	218.	118.75	1.647
240.	5.942	34.182	5.69	5.921	26.916	35.924	44.532	0.324	1477.4	238.	116.04	2.230
260.	5.904	34.192	5.56	5.882	26.929	35.939	44.549	0.347	1477.6	258.	115.07	1.446
280.	5.966	34.226	5.41	5.942	26.948	35.954	44.561	0.370	1478.2	278.	113.58	1.716
300.	6.172	34.310	4.89	6.146	26.989	35.984	44.580	0.393	1479.5	297.	110.17	2.483
320.	5.877	34.301	4.91	5.850	27.019	36.028	44.638	0.414	1478.6	317.	107.38	2.268
340.	5.672	34.295	4.92	5.643	27.040	36.059	44.679	0.436	1478.1	337.	105.55	1.873
360.	5.391	34.277	5.01	5.362	27.060	36.093	44.726	0.456	1477.3	357.	103.68	1.887
380.	5.171	34.270	5.04	5.141	27.080	36.125	44.768	0.477	1476.7	377.	101.78	1.895
400.	4.953	34.261	5.07	4.922	27.098	36.154	44.807	0.497	1476.2	396.	100.15	1.769
450.	4.603	34.252	-999.00	4.569	27.131	36.204	44.874	0.547	1475.5	446.	97.27	1.517
500.	4.269	34.249	-999.00	4.232	27.165	36.255	44.942	0.594	1475.0	495.	94.18	1.554
550.	3.944	34.250	-999.00	3.905	27.199	36.306	45.009	0.641	1474.4	545.	91.00	1.566
600.	3.707	34.259	-999.00	3.665	27.231	36.350	45.064	0.686	1474.3	594.	88.12	1.493
700.	3.362	34.275	-999.00	3.314	27.277	36.415	45.146	0.772	1474.5	693.	84.00	1.288
800.	3.050	34.306	-999.00	2.996	27.331	36.486	45.232	0.853	1474.8	792.	79.08	1.380
900.	2.947	34.360	-999.00	2.887	27.384	36.544	45.294	0.930	1476.1	891.	74.59	1.321
1000.	2.842	34.409	-999.00	2.775	27.433	36.598	45.354	1.002	1477.4	990.	70.42	1.278
1100.	2.771	34.468	-999.00	2.698	27.488	36.655	45.414	1.071	1478.8	1088.	65.84	1.330
1200.	2.704	34.535	-999.00	2.623	27.547	36.718	45.480	1.134	1480.3	1187.	60.75	1.392
1300.	2.652	34.593	-999.00	2.564	27.599	36.772	45.535	1.192	1481.8	1286.	56.45	1.293
1400.	2.635	34.630	-999.00	2.539	27.631	36.805	45.569	1.248	1483.4	1384.	54.05	1.016
1500.	2.609	34.665	-999.00	2.506	27.662	36.836	45.602	1.300	1485.0	1483.	51.78	0.996
1600.	2.584	34.696	-999.00	2.472	27.690	36.866	45.632	1.351	1486.6	1581.	49.71	0.959
1700.	2.550	34.720	-999.00	2.431	27.712	36.890	45.658	1.400	1488.2	1680.	48.16	0.864
1800.	2.526	34.739	-999.00	2.399	27.730	36.910	45.680	1.448	1489.8	1778.	46.96	0.791
1900.	2.492	34.754	-999.00	2.357	27.745	36.927	45.698	1.494	1491.4	1876.	46.03	0.730
2000.	2.444	34.770	-999.00	2.300	27.763	36.948	45.722	1.539	1492.9	1975.	44.75	0.809
2100.	2.380	34.780	-999.00	2.229	27.777	36.965	45.743	1.584	1494.3	2073.	43.76	0.741
2200.	2.334	34.786	-999.00	2.175	27.787	36.978	45.758	1.627	1495.8	2171.	43.18	0.637
2300.	2.288	34.795	-999.00	2.120	27.798	36.991	45.774	1.670	1497.3	2269.	42.47	0.669
2400.	2.220	34.796	-999.00	2.045	27.805	37.003	45.790	1.712	1498.7	2367.	41.96	0.615
2500.	2.171	34.802	-999.00	1.987	27.814	37.015	45.805	1.754	1500.1	2465.	41.34	0.638
2600.	2.131	34.806	-999.00	1.938	27.821	37.025	45.817	1.795	1501.7	2563.	40.91	0.588
2700.	2.091	34.808	-999.00	1.890	27.827	37.033	45.828	1.836	1503.2	2661.	40.66	0.527
2800.	1.989	34.801	-999.00	1.780	27.829	37.042	45.842	1.876	1504.4	2759.	40.19	0.591
2900.	1.926	34.797	-999.00	1.709	27.832	37.049	45.853	1.916	1505.9	2857.	39.96	0.512
3000.	1.840	34.790	-999.00	1.615	27.833	37.055	45.864	1.956	1507.2	2955.	39.64	0.534
3100.	1.737	34.781	-999.00	1.505	27.834	37.062	45.877	1.995	1508.4	3053.	39.20	0.569
3200.	1.640	34.774	-999.00	1.401	27.836	37.070	45.891	2.034	1509.7	3150.	38.66	0.590
3300.	1.540	34.767	-999.00	1.293	27.838	37.078	45.905	2.073	1511.0	3248.	38.01	0.615
3400.	1.426	34.759	-999.00	1.172	27.840	37.087	45.920	2.110	1512.2	3346.	37.22	0.648
3500.	1.340	34.753	-999.00	1.078	27.842	37.095	45.933	2.147	1513.5	3443.	36.59	0.598
3600.	1.248	34.746	-999.00	0.978	27.843	37.102	45.945	2.183	1514.8	3541.	35.96	0.594
3700.	1.179	34.742	-999.00	0.901	27.845	37.107	45.955	2.219	1516.2	3639.	35.47	0.547
3800.	1.140	34.739	-999.00	0.852	27.845	37.111	45.962	2.254	1517.8	3736.	35.29	0.434
3900.	1.096	34.736	-999.00	0.799	27.846	37.115	45.969	2.290	1519.3	3833.	35.05	0.457
4000.	1.038	34.732	-999.00	0.732	27.847	37.120	45.977	2.324	1520.8	3931.	34.62	0.519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POTEMP DEGC
SALIN PPT
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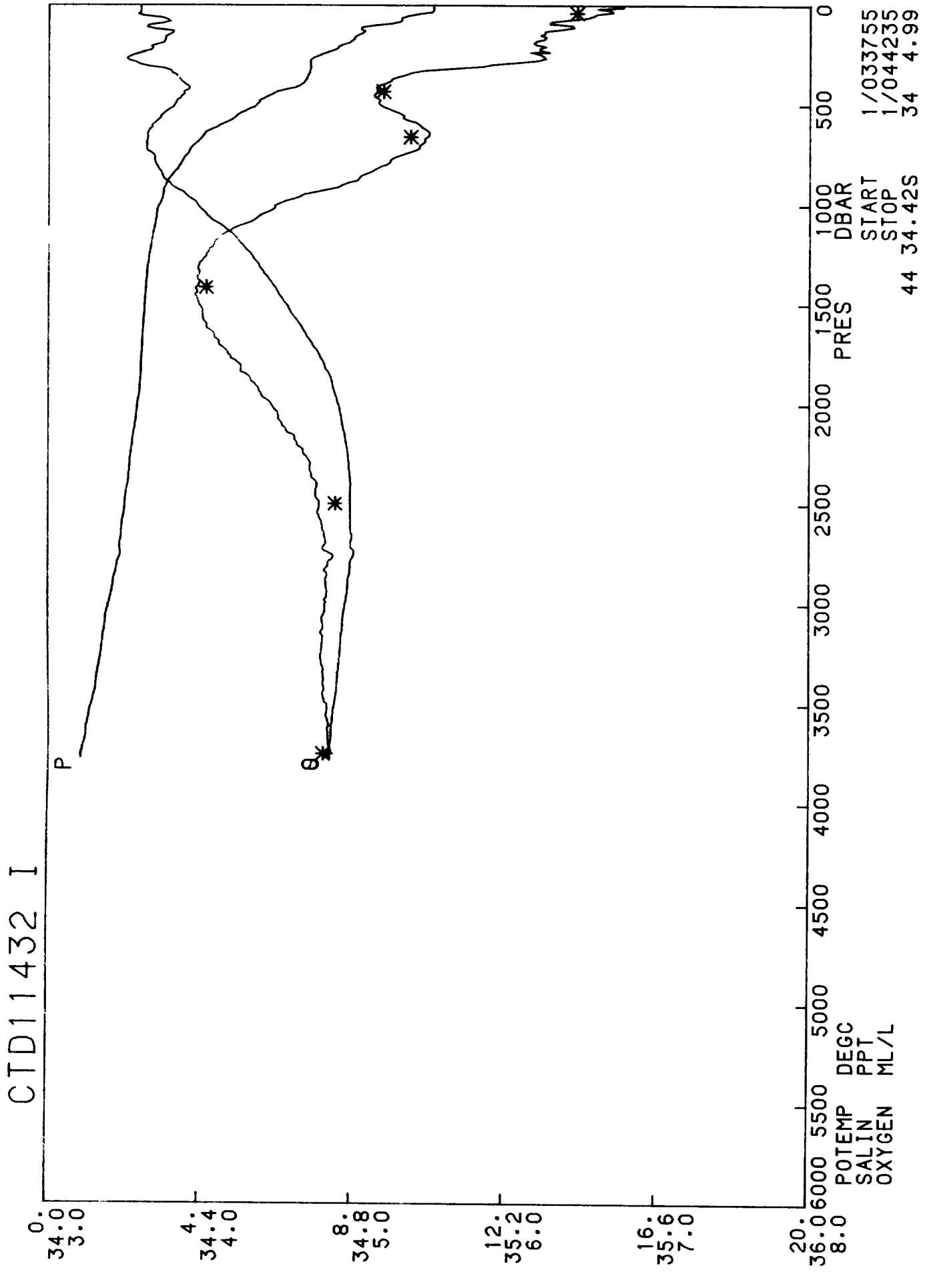
DISCOVERY 164 STATION 11431

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	9.908	34.199	6.48	9.906	26.343	35.169	43.607	0.017	1488.7	10.	167.35	-999.000
20.	9.908	34.199	6.16	9.905	26.343	35.169	43.608	0.033	1488.8	20.	167.55	0.303
40.	9.838	34.200	5.95	9.834	26.356	35.185	43.626	0.067	1488.9	40.	166.79	1.414
60.	9.105	34.279	6.05	9.098	26.538	35.398	43.868	0.099	1486.7	60.	149.85	5.378
80.	9.009	34.291	5.88	9.000	26.564	35.427	43.901	0.129	1486.7	79.	147.82	2.014
100.	8.860	34.290	5.84	8.850	26.587	35.457	43.937	0.158	1486.4	99.	146.01	1.926
120.	7.865	34.176	6.21	7.853	26.649	35.566	44.089	0.187	1482.9	119.	140.23	3.203
140.	7.301	34.133	6.37	7.287	26.696	35.640	44.188	0.214	1481.0	139.	135.95	2.778
160.	6.808	34.092	6.53	6.793	26.732	35.699	44.270	0.241	1479.4	159.	132.70	2.443
180.	6.596	34.087	6.55	6.580	26.756	35.733	44.314	0.268	1478.9	178.	130.64	1.985
200.	6.429	34.085	6.50	6.412	26.777	35.762	44.350	0.293	1478.6	198.	128.91	1.840
220.	6.378	34.105	6.37	6.358	26.799	35.787	44.377	0.319	1478.7	218.	127.03	1.907
240.	6.420	34.144	6.06	6.399	26.825	35.810	44.398	0.344	1479.3	238.	124.92	2.003
260.	6.485	34.193	5.82	6.462	26.855	35.837	44.421	0.369	1479.9	258.	122.40	2.168
280.	6.808	34.283	5.38	6.782	26.884	35.849	44.417	0.393	1481.6	278.	120.20	2.046
300.	6.877	34.348	5.09	6.849	26.926	35.887	44.451	0.417	1482.3	297.	116.63	2.551
320.	6.708	34.361	4.99	6.678	26.960	35.928	44.500	0.440	1482.0	317.	113.64	2.348
340.	6.571	34.373	4.92	6.540	26.988	35.963	44.540	0.463	1481.8	337.	111.20	2.144
360.	6.295	34.358	4.97	6.263	27.012	36.000	44.590	0.485	1481.0	357.	109.02	2.037
380.	6.183	34.362	5.00	6.150	27.030	36.024	44.619	0.506	1480.9	377.	107.49	1.748
400.	5.869	34.343	5.06	5.835	27.054	36.063	44.673	0.527	1479.9	396.	105.19	2.079
450.	5.346	34.309	5.22	5.309	27.091	36.127	44.762	0.579	1478.6	446.	101.78	1.649
500.	5.034	34.305	5.28	4.994	27.125	36.176	44.826	0.629	1478.2	495.	98.88	1.533
550.	4.495	34.270	5.44	4.453	27.157	36.236	44.912	0.678	1476.7	545.	95.67	1.588
600.	4.173	34.264	5.49	4.129	27.187	36.283	44.974	0.725	1476.2	594.	92.91	1.480
700.	3.866	34.301	5.21	3.816	27.249	36.360	45.066	0.815	1476.6	693.	87.57	1.451
800.	3.700	34.354	4.74	3.643	27.309	36.428	45.142	0.900	1477.7	792.	82.54	1.411
900.	3.452	34.394	4.47	3.389	27.365	36.497	45.223	0.980	1478.3	891.	77.56	1.399
1000.	2.977	34.397	4.54	2.910	27.412	36.569	45.319	1.055	1478.0	990.	72.78	1.366
1100.	2.849	34.464	4.24	2.775	27.478	36.641	45.396	1.125	1479.2	1088.	67.00	1.476
1200.	2.740	34.510	4.11	2.659	27.525	36.694	45.454	1.190	1480.4	1187.	62.95	1.262
1300.	2.709	34.552	4.06	2.620	27.561	36.732	45.493	1.252	1482.0	1286.	60.10	1.090
1400.	2.660	34.593	4.06	2.564	27.599	36.772	45.535	1.310	1483.5	1384.	57.11	1.110
1500.	2.629	34.632	4.10	2.526	27.633	36.808	45.572	1.366	1485.1	1483.	54.47	1.056
1600.	2.598	34.664	4.15	2.486	27.663	36.839	45.605	1.419	1486.7	1581.	52.26	0.984
1700.	2.582	34.699	4.21	2.463	27.692	36.869	45.636	1.470	1488.3	1679.	50.07	0.981
1800.	2.554	34.726	4.31	2.426	27.717	36.895	45.664	1.519	1489.9	1778.	48.31	0.904
1900.	2.525	34.746	4.40	2.389	27.737	36.917	45.687	1.567	1491.5	1876.	46.98	0.820
2000.	2.482	34.764	4.51	2.338	27.755	36.937	45.710	1.613	1493.0	1974.	45.72	0.804
2100.	2.428	34.779	4.63	2.276	27.773	36.958	45.733	1.659	1494.5	2073.	44.40	0.815
2200.	2.384	34.788	4.70	2.224	27.784	36.972	45.750	1.703	1496.0	2171.	43.69	0.675
2300.	2.323	34.793	4.74	2.154	27.794	36.986	45.767	1.746	1497.4	2269.	43.03	0.658
2400.	2.266	34.797	4.80	2.090	27.802	36.997	45.782	1.789	1498.9	2367.	42.49	0.625
2500.	2.212	34.799	4.82	2.028	27.809	37.008	45.795	1.831	1500.3	2465.	42.07	0.587
2600.	2.150	34.801	4.87	1.957	27.815	37.018	45.810	1.873	1501.7	2563.	41.58	0.606
2700.	2.080	34.801	4.89	1.879	27.822	37.029	45.824	1.914	1503.1	2661.	41.03	0.616
2800.	1.990	34.797	4.90	1.781	27.826	37.039	45.839	1.955	1504.4	2759.	40.49	0.611
2900.	1.886	34.788	4.90	1.670	27.828	37.047	45.853	1.995	1505.7	2857.	40.05	0.575
3000.	1.806	34.784	4.88	1.582	27.831	37.055	45.866	2.035	1507.0	2955.	39.59	0.577
3100.	1.699	34.776	4.88	1.468	27.833	37.063	45.880	2.074	1508.3	3053.	39.04	0.596
3200.	1.620	34.770	4.87	1.381	27.834	37.070	45.892	2.113	1509.6	3150.	38.63	0.548
3300.	1.539	34.765	4.87	1.292	27.836	37.077	45.903	2.151	1511.0	3248.	38.16	0.563
3400.	1.432	34.757	4.88	1.177	27.838	37.085	45.918	2.189	1512.2	3346.	37.41	0.638
3500.	1.340	34.751	4.89	1.078	27.840	37.092	45.931	2.226	1513.5	3443.	36.80	0.594
3600.	1.195	34.743	4.93	0.927	27.844	37.105	45.952	2.262	1514.6	3541.	35.40	0.783
3700.	1.142	34.740	4.92	0.865	27.845	37.110	45.960	2.297	1516.1	3638.	35.09	0.485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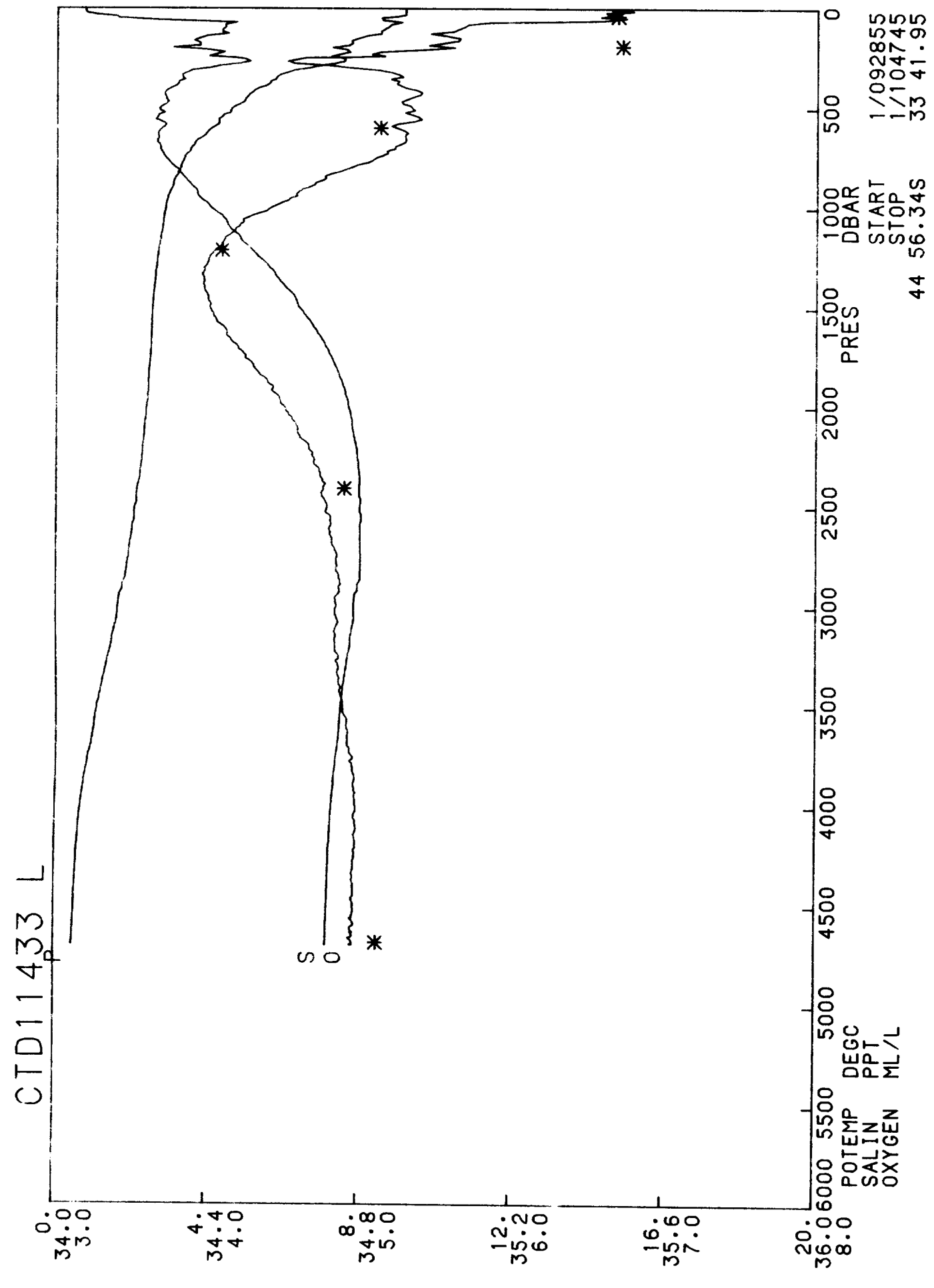
DISCOVERY 164 STATION 11432

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	10.117	34.242	6.77	10.116	26.340	35.157	43.587	0.017	1489.5	10.	167.57	-999.000
20.	10.107	34.242	6.64	10.105	26.342	35.159	43.589	0.034	1489.6	20.	167.63	0.768
40.	9.862	34.238	6.64	9.857	26.382	35.209	43.649	0.067	1489.1	40.	164.31	2.501
60.	9.324	34.283	6.55	9.318	26.506	35.356	43.817	0.099	1487.5	60.	152.91	4.439
80.	9.237	34.319	6.32	9.228	26.549	35.402	43.866	0.129	1487.5	79.	149.26	2.603
100.	8.570	34.264	6.43	8.560	26.611	35.495	43.988	0.158	1485.3	99.	143.59	3.184
120.	8.224	34.282	6.36	8.212	26.678	35.577	44.084	0.186	1484.4	119.	137.58	3.265
140.	8.237	34.325	6.26	8.223	26.711	35.609	44.114	0.213	1484.8	139.	134.88	2.265
160.	8.051	34.307	6.26	8.035	26.725	35.631	44.145	0.240	1484.4	159.	133.86	1.522
180.	7.957	34.304	6.20	7.939	26.737	35.648	44.166	0.267	1484.4	178.	133.07	1.394
200.	7.719	34.280	6.23	7.700	26.753	35.675	44.203	0.293	1483.8	198.	131.81	1.642
220.	7.570	34.272	6.22	7.549	26.768	35.697	44.233	0.320	1483.5	218.	130.62	1.605
240.	7.292	34.242	6.20	7.269	26.784	35.727	44.274	0.346	1482.8	238.	129.30	1.666
260.	7.029	34.211	6.26	7.005	26.797	35.752	44.312	0.371	1482.0	258.	128.28	1.503
280.	6.900	34.219	6.16	6.874	26.821	35.782	44.348	0.397	1481.9	278.	126.25	1.978
300.	6.909	34.249	5.90	6.881	26.844	35.805	44.369	0.422	1482.3	297.	124.40	1.904
320.	6.902	34.309	5.62	6.872	26.892	35.852	44.416	0.446	1482.7	317.	120.17	2.757
340.	6.874	34.327	5.38	6.843	26.910	35.872	44.437	0.470	1482.9	337.	118.73	1.715
360.	6.823	34.342	5.29	6.790	26.929	35.893	44.460	0.494	1483.1	357.	117.25	1.732
380.	6.769	34.350	5.25	6.734	26.943	35.909	44.479	0.517	1483.2	377.	116.18	1.521
400.	6.650	34.364	5.18	6.614	26.970	35.942	44.517	0.540	1483.1	396.	113.84	2.107
450.	5.862	34.353	5.14	5.823	27.063	36.073	44.684	0.595	1480.8	446.	104.99	2.532
500.	5.492	34.330	5.18	5.451	27.091	36.120	44.747	0.646	1480.1	495.	102.60	1.429
550.	5.003	34.298	5.33	4.959	27.123	36.176	44.828	0.697	1478.9	545.	99.57	1.563
600.	4.554	34.273	5.44	4.508	27.154	36.230	44.903	0.746	1477.8	594.	96.62	1.533
700.	3.854	34.258	5.44	3.804	27.216	36.328	45.035	0.839	1476.5	693.	90.64	1.528
800.	3.498	34.285	5.21	3.442	27.273	36.404	45.129	0.927	1476.7	792.	85.41	1.430
900.	3.127	34.325	4.92	3.066	27.340	36.491	45.233	1.010	1476.9	891.	79.10	1.543
1000.	2.965	34.394	4.49	2.897	27.411	36.569	45.319	1.085	1477.9	990.	72.86	1.529
1100.	2.862	34.456	4.27	2.788	27.470	36.633	45.387	1.156	1479.2	1088.	67.75	1.399
1200.	2.771	34.512	4.08	2.690	27.523	36.691	45.449	1.221	1480.5	1187.	63.18	1.330
1300.	2.695	34.554	3.99	2.606	27.564	36.735	45.497	1.282	1481.9	1285.	59.81	1.166
1400.	2.659	34.592	3.98	2.563	27.598	36.771	45.535	1.341	1483.5	1384.	57.19	1.053
1500.	2.629	34.628	4.00	2.526	27.631	36.805	45.570	1.397	1485.1	1483.	54.70	1.032
1600.	2.600	34.663	4.04	2.489	27.662	36.838	45.604	1.451	1486.7	1581.	52.33	1.011
1700.	2.581	34.696	4.13	2.461	27.690	36.867	45.634	1.502	1488.3	1679.	50.27	0.958
1800.	2.558	34.727	4.27	2.430	27.718	36.896	45.664	1.551	1489.9	1778.	48.26	0.951
1900.	2.539	34.748	4.36	2.403	27.737	36.916	45.686	1.599	1491.6	1876.	47.01	0.803
2000.	2.480	34.764	4.47	2.336	27.756	36.938	45.711	1.645	1493.0	1974.	45.63	0.829
2100.	2.426	34.775	4.54	2.274	27.769	36.955	45.730	1.690	1494.5	2073.	44.71	0.729
2200.	2.359	34.785	4.64	2.199	27.784	36.973	45.752	1.734	1495.9	2171.	43.59	0.769
2300.	2.306	34.792	4.72	2.138	27.794	36.987	45.769	1.777	1497.3	2269.	42.91	0.663
2400.	2.256	34.796	4.77	2.080	27.802	36.998	45.783	1.820	1498.8	2367.	42.42	0.609
2500.	2.199	34.795	4.78	2.015	27.807	37.006	45.795	1.862	1500.3	2465.	42.18	0.532
2600.	2.132	34.796	4.80	1.940	27.813	37.017	45.809	1.904	1501.7	2563.	41.67	0.609
2700.	2.085	34.796	4.82	1.884	27.817	37.024	45.819	1.946	1503.2	2661.	41.48	0.507
2800.	2.020	34.794	4.84	1.811	27.821	37.032	45.831	1.987	1504.6	2759.	41.14	0.555
2900.	1.919	34.788	4.83	1.703	27.825	37.042	45.847	2.028	1505.8	2857.	40.55	0.620
3000.	1.809	34.780	4.82	1.585	27.828	37.051	45.862	2.068	1507.0	2955.	39.92	0.624
3100.	1.725	34.774	4.81	1.494	27.830	37.058	45.874	2.108	1508.4	3053.	39.50	0.558
3200.	1.658	34.769	4.80	1.418	27.831	37.064	45.884	2.147	1509.8	3150.	39.24	0.503
3300.	1.580	34.764	4.80	1.331	27.833	37.071	45.896	2.186	1511.1	3248.	38.75	0.569
3400.	1.504	34.759	4.81	1.247	27.835	37.078	45.907	2.225	1512.5	3346.	38.31	0.554
3500.	1.381	34.752	4.83	1.118	27.839	37.089	45.925	2.262	1513.7	3443.	37.27	0.710
3600.	1.262	34.745	4.84	0.992	27.841	37.099	45.942	2.299	1514.9	3541.	36.25	0.697
3700.	1.189	34.740	4.85	0.910	27.843	37.105	45.953	2.335	1516.3	3638.	35.73	0.559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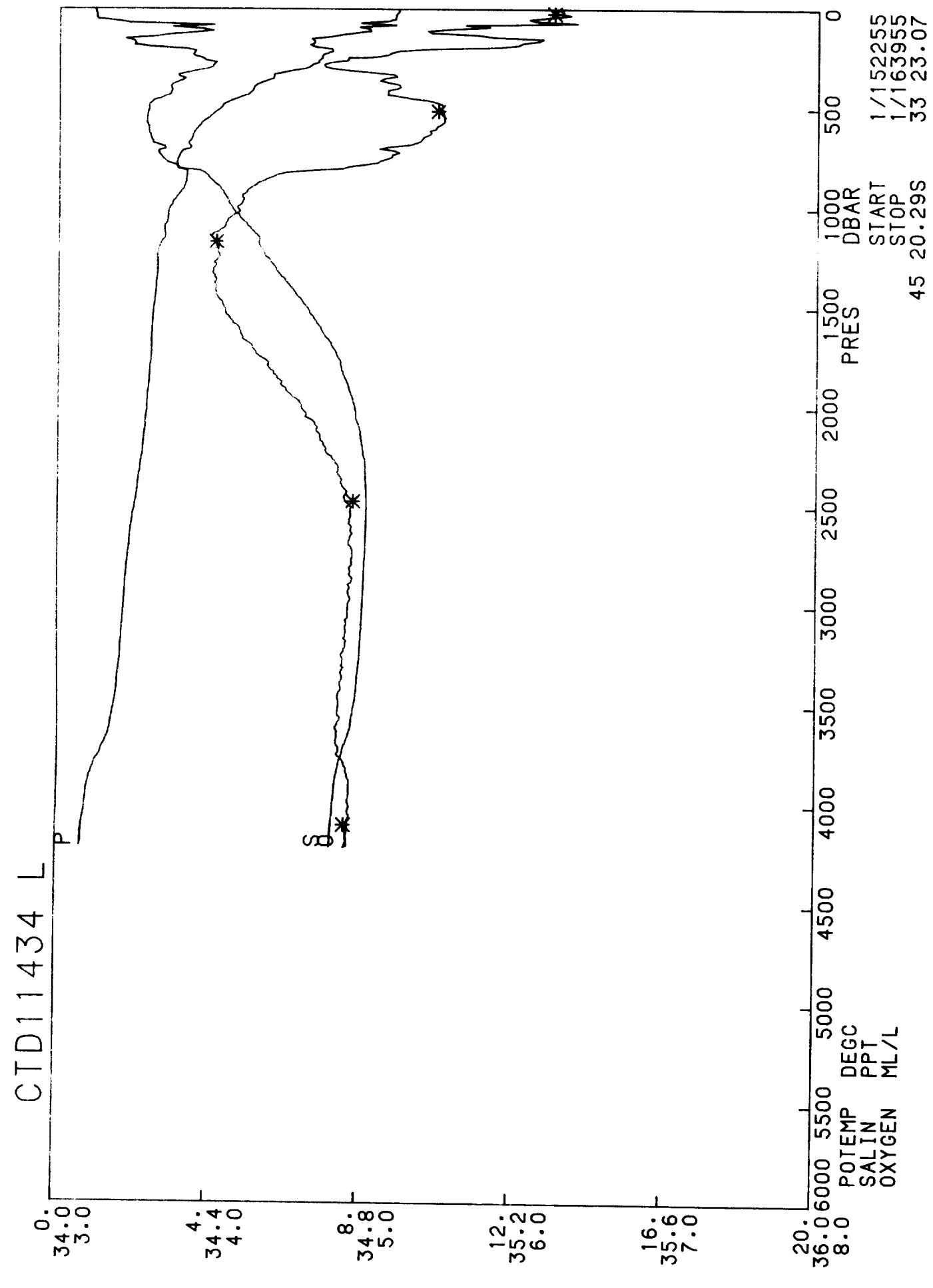
DISCOVERY 164 STATION 11433

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	9.166	34.075	6.77	9.165	26.368	35.228	43.698	0.016	1485.8	10.	164.96	-999.000
20.	9.160	34.078	6.61	9.158	26.371	35.231	43.701	0.033	1486.0	20.	164.87	0.997
40.	8.970	34.157	6.58	8.965	26.464	35.331	43.808	0.065	1485.7	40.	156.47	3.830
60.	8.650	34.295	6.48	8.643	26.623	35.502	43.991	0.095	1485.0	60.	141.75	5.017
80.	8.812	34.444	5.71	8.803	26.714	35.584	44.064	0.122	1486.1	79.	133.53	3.790
100.	8.647	34.437	5.65	8.637	26.735	35.613	44.100	0.149	1485.8	99.	131.90	1.842
120.	8.532	34.443	5.53	8.519	26.758	35.641	44.132	0.175	1485.7	119.	130.11	1.910
140.	8.084	34.388	5.59	8.070	26.783	35.687	44.198	0.201	1484.3	139.	127.96	2.056
160.	7.768	34.362	5.63	7.752	26.809	35.728	44.253	0.226	1483.4	159.	125.76	2.069
180.	7.706	34.376	5.46	7.688	26.830	35.751	44.279	0.251	1483.5	178.	124.15	1.812
200.	7.498	34.363	5.49	7.479	26.850	35.781	44.318	0.276	1483.1	198.	122.53	1.818
220.	7.621	34.431	5.11	7.599	26.886	35.811	44.342	0.300	1483.9	218.	119.49	2.379
240.	7.348	34.428	5.02	7.325	26.923	35.860	44.403	0.324	1483.2	238.	116.23	2.453
260.	7.578	34.505	4.53	7.553	26.951	35.877	44.409	0.347	1484.5	258.	114.04	2.058
280.	7.086	34.448	4.70	7.059	26.976	35.925	44.479	0.369	1482.9	278.	111.70	2.118
300.	6.510	34.383	5.00	6.483	27.003	35.980	44.561	0.392	1480.9	297.	109.10	2.211
320.	6.060	34.341	5.21	6.032	27.028	36.028	44.629	0.413	1479.4	317.	106.71	2.115
340.	5.814	34.330	5.27	5.785	27.050	36.062	44.675	0.434	1478.7	337.	104.69	1.964
360.	5.686	34.326	5.23	5.656	27.063	36.081	44.700	0.455	1478.5	357.	103.66	1.474
380.	5.568	34.316	5.25	5.536	27.069	36.094	44.718	0.476	1478.4	377.	103.19	1.104
400.	5.306	34.297	5.31	5.274	27.086	36.123	44.760	0.496	1477.6	396.	101.64	1.740
450.	4.995	34.288	5.32	4.960	27.115	36.168	44.820	0.546	1477.2	446.	99.16	1.435
500.	4.637	34.269	5.34	4.599	27.141	36.213	44.882	0.595	1476.5	495.	96.84	1.390
550.	4.324	34.262	5.39	4.283	27.170	36.257	44.941	0.643	1476.0	545.	94.29	1.436
600.	4.117	34.276	5.24	4.073	27.203	36.301	44.995	0.690	1476.0	594.	91.36	1.515
700.	3.569	34.273	5.22	3.521	27.256	36.383	45.103	0.779	1475.4	693.	86.40	1.402
800.	3.297	34.315	4.92	3.243	27.316	36.457	45.191	0.862	1475.9	792.	81.03	1.439
900.	3.070	34.363	4.64	3.009	27.376	36.529	45.274	0.941	1476.7	891.	75.64	1.437
1000.	2.915	34.408	4.40	2.848	27.426	36.587	45.339	1.014	1477.7	990.	71.27	1.307
1100.	2.845	34.457	4.18	2.771	27.472	36.636	45.391	1.083	1479.1	1088.	67.49	1.228
1200.	2.758	34.511	4.06	2.677	27.524	36.692	45.451	1.148	1480.5	1187.	63.13	1.303
1300.	2.703	34.563	3.97	2.615	27.571	36.741	45.503	1.210	1482.0	1285.	59.24	1.240
1400.	2.660	34.607	3.97	2.564	27.610	36.783	45.546	1.267	1483.5	1384.	56.09	1.133
1500.	2.622	34.643	4.02	2.519	27.643	36.817	45.582	1.322	1485.1	1482.	53.56	1.038
1600.	2.611	34.681	4.11	2.500	27.675	36.850	45.616	1.374	1486.7	1581.	51.14	1.020
1700.	2.601	34.713	4.20	2.481	27.702	36.878	45.644	1.424	1488.4	1679.	49.25	0.929
1800.	2.563	34.738	4.31	2.435	27.726	36.904	45.672	1.473	1490.0	1778.	47.49	0.906
1900.	2.552	34.759	4.43	2.416	27.744	36.922	45.691	1.520	1491.6	1876.	46.43	0.762
2000.	2.511	34.771	4.51	2.367	27.758	36.939	45.710	1.566	1493.1	1974.	45.54	0.724
2100.	2.471	34.780	4.59	2.318	27.770	36.953	45.726	1.611	1494.7	2073.	44.89	0.662
2200.	2.430	34.791	4.66	2.269	27.783	36.968	45.744	1.655	1496.2	2171.	44.07	0.706
2300.	2.388	34.797	4.73	2.219	27.791	36.980	45.758	1.699	1497.7	2269.	43.61	0.607
2400.	2.308	34.798	4.76	2.131	27.799	36.992	45.775	1.742	1499.0	2367.	42.99	0.649
2500.	2.251	34.799	4.78	2.066	27.806	37.002	45.788	1.785	1500.5	2465.	42.61	0.581
2600.	2.195	34.800	4.80	2.001	27.811	37.012	45.801	1.828	1501.9	2563.	42.23	0.573
2700.	2.134	34.801	4.83	1.932	27.818	37.022	45.815	1.870	1503.4	2661.	41.76	0.599
2800.	2.071	34.801	4.85	1.861	27.823	37.031	45.828	1.911	1504.8	2759.	41.31	0.589
2900.	1.959	34.794	4.86	1.742	27.827	37.042	45.844	1.952	1506.0	2857.	40.67	0.637
3000.	1.849	34.784	4.84	1.625	27.828	37.049	45.858	1.993	1507.2	2955.	40.22	0.577
3100.	1.774	34.780	4.84	1.542	27.831	37.057	45.870	2.033	1508.6	3052.	39.81	0.560
3200.	1.682	34.774	4.84	1.441	27.833	37.065	45.884	2.072	1509.9	3150.	39.25	0.598
3300.	1.556	34.764	4.86	1.309	27.835	37.074	45.900	2.111	1511.0	3248.	38.43	0.664
3400.	1.435	34.756	4.88	1.181	27.837	37.084	45.916	2.149	1512.2	3346.	37.56	0.668
3500.	1.330	34.750	4.89	1.068	27.840	37.093	45.932	2.186	1513.5	3443.	36.69	0.664
3600.	1.262	34.746	4.91	0.992	27.842	37.099	45.942	2.222	1514.9	3541.	36.21	0.549
3700.	1.179	34.741	4.93	0.900	27.844	37.107	45.955	2.258	1516.2	3638.	35.55	0.597
3800.	1.081	34.735	4.96	0.795	27.846	37.115	45.968	2.293	1517.5	3736.	34.72	0.643
3900.	1.013	34.730	4.97	0.719	27.847	37.120	45.978	2.328	1518.9	3833.	34.18	0.551
4000.	0.961	34.727	4.98	0.657	27.848	37.125	45.986	2.362	1520.4	3931.	33.80	0.498
4100.	0.929	34.724	4.98	0.615	27.848	37.128	45.991	2.395	1522.0	4028.	33.66	0.402
4200.	0.901	34.721	4.98	0.578	27.848	37.130	45.995	2.429	1523.6	4125.	33.59	0.368
4300.	0.890	34.720	4.97	0.556	27.848	37.131	45.998	2.463	1525.3	4222.	33.64	0.304
4400.	0.876	34.718	4.97	0.532	27.849	37.133	46.001	2.496	1527.0	4320.	33.66	0.327
4500.	0.870	34.717	4.97	0.515	27.848	37.134	46.003	2.530	1528.7	4417.	33.80	0.251
4600.	0.858	34.715	4.96	0.492	27.849	37.136	46.006	2.564	1530.4	4514.	33.83	0.319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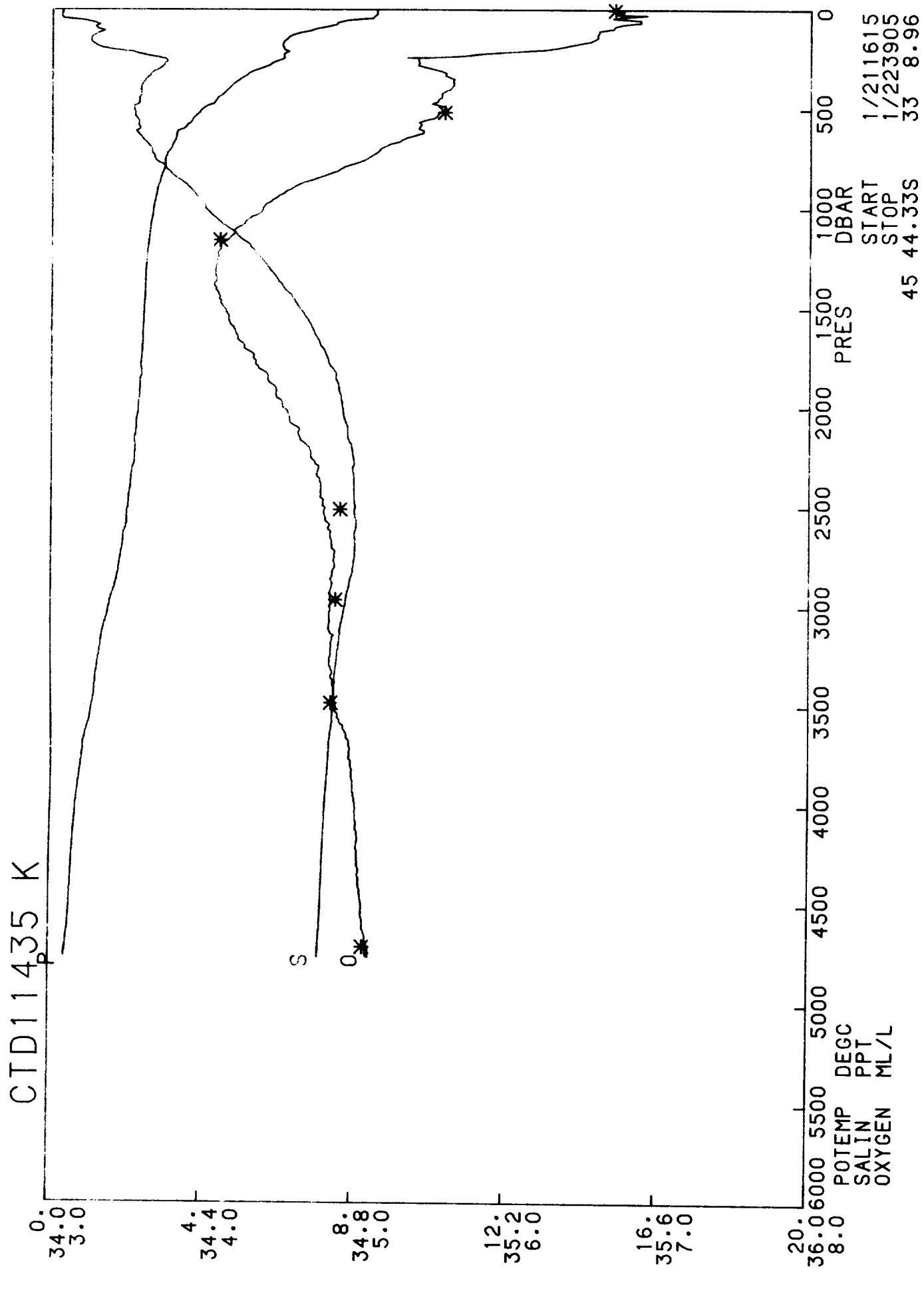
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 1/152255
STOP 1/163955
45 20.29S 33 23.07

DISCOVERY 164 STATION 11434

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	8.939	34.095	6.31	8.938	26.420	35.289	43.768	0.016	1485.0	10.	160.04	-999.000
20.	8.898	34.097	6.31	8.896	26.428	35.299	43.780	0.032	1485.0	20.	159.44	1.629
40.	8.850	34.099	6.24	8.846	26.437	35.311	43.793	0.064	1485.2	40.	158.98	1.199
60.	8.659	34.146	6.14	8.653	26.504	35.385	43.875	0.095	1484.9	60.	153.02	3.254
80.	8.813	34.396	5.71	8.805	26.676	35.547	44.027	0.124	1486.1	79.	137.12	5.210
100.	8.175	34.376	5.60	8.165	26.759	35.659	44.167	0.150	1484.0	99.	129.50	3.654
120.	7.812	34.348	5.45	7.800	26.791	35.708	44.231	0.176	1482.9	119.	126.75	2.282
140.	7.124	34.251	5.87	7.111	26.813	35.763	44.318	0.201	1480.5	139.	124.78	1.964
160.	6.720	34.195	6.15	6.706	26.825	35.795	44.368	0.226	1479.2	159.	123.86	1.439
180.	6.624	34.197	6.02	6.608	26.839	35.814	44.391	0.251	1479.1	178.	122.77	1.528
200.	7.187	34.335	5.45	7.168	26.872	35.818	44.369	0.275	1481.8	198.	120.28	2.164
220.	7.103	34.355	5.19	7.082	26.900	35.849	44.404	0.299	1481.9	218.	117.95	2.109
240.	6.932	34.363	5.08	6.910	26.930	35.887	44.449	0.322	1481.5	238.	115.35	2.211
260.	6.851	34.390	4.88	6.827	26.962	35.923	44.488	0.345	1481.6	258.	112.58	2.271
280.	6.683	34.406	4.74	6.657	26.998	35.967	44.539	0.367	1481.3	278.	109.39	2.420
300.	6.470	34.390	4.80	6.443	27.013	35.993	44.575	0.389	1480.7	297.	108.10	1.639
320.	5.901	34.337	5.07	5.874	27.045	36.052	44.661	0.410	1478.8	317.	104.99	2.383
340.	5.662	34.317	5.22	5.634	27.059	36.078	44.698	0.431	1478.1	337.	103.76	1.586
360.	5.499	34.322	5.11	5.470	27.082	36.110	44.737	0.452	1477.8	357.	101.65	1.993
380.	5.229	34.296	5.24	5.199	27.095	36.136	44.776	0.472	1477.0	377.	100.51	1.526
400.	5.142	34.296	5.22	5.110	27.105	36.150	44.794	0.492	1477.0	396.	99.72	1.315
450.	4.733	34.268	5.31	4.698	27.129	36.196	44.860	0.541	1476.1	446.	97.56	1.353
500.	4.277	34.236	5.51	4.240	27.153	36.244	44.930	0.589	1475.0	495.	95.24	1.382
550.	3.958	34.230	5.54	3.919	27.182	36.289	44.991	0.636	1474.5	545.	92.58	1.451
600.	3.671	34.236	5.48	3.630	27.215	36.337	45.053	0.682	1474.1	594.	89.49	1.538
700.	3.494	34.280	5.12	3.446	27.268	36.399	45.124	0.769	1475.1	693.	85.06	1.329
800.	3.184	34.320	4.87	3.130	27.330	36.477	45.217	0.852	1475.4	792.	79.43	1.467
900.	3.334	34.426	4.26	3.271	27.402	36.540	45.270	0.928	1477.9	891.	73.85	1.461
1000.	2.973	34.458	4.18	2.906	27.461	36.618	45.366	0.999	1478.0	989.	68.20	1.469
1100.	2.855	34.505	4.08	2.781	27.510	36.672	45.426	1.065	1479.2	1088.	64.04	1.280
1200.	2.720	34.535	4.05	2.639	27.546	36.716	45.476	1.128	1480.4	1187.	60.94	1.129
1300.	2.697	34.572	4.02	2.608	27.578	36.749	45.511	1.187	1482.0	1285.	58.50	1.023
1400.	2.659	34.614	4.04	2.563	27.616	36.789	45.552	1.245	1483.5	1384.	55.54	1.106
1500.	2.609	34.656	4.10	2.506	27.654	36.829	45.595	1.299	1485.0	1482.	52.44	1.127
1600.	2.577	34.691	4.19	2.466	27.686	36.863	45.630	1.350	1486.6	1581.	50.01	1.021
1700.	2.575	34.725	4.28	2.455	27.714	36.890	45.657	1.399	1488.3	1679.	48.10	0.933
1800.	2.534	34.747	4.39	2.406	27.736	36.915	45.684	1.446	1489.8	1778.	46.49	0.876
1900.	2.509	34.767	4.49	2.373	27.754	36.935	45.705	1.492	1491.4	1876.	45.30	0.788
2000.	2.480	34.783	4.61	2.336	27.771	36.953	45.725	1.537	1493.0	1974.	44.25	0.759
2100.	2.447	34.795	4.71	2.295	27.783	36.968	45.742	1.581	1494.6	2072.	43.51	0.686
2200.	2.394	34.803	4.77	2.234	27.795	36.983	45.760	1.624	1496.0	2171.	42.74	0.689
2300.	2.331	34.811	4.85	2.162	27.807	36.999	45.779	1.666	1497.5	2269.	41.82	0.726
2400.	2.269	34.814	4.88	2.092	27.815	37.010	45.794	1.707	1498.9	2367.	41.33	0.612
2500.	2.204	34.814	4.93	2.020	27.822	37.021	45.808	1.749	1500.3	2465.	40.86	0.601
2600.	2.122	34.813	4.94	1.930	27.828	37.032	45.824	1.789	1501.6	2563.	40.30	0.625
2700.	2.086	34.812	4.94	1.885	27.830	37.036	45.831	1.829	1503.2	2661.	40.34	0.421
2800.	2.032	34.809	4.93	1.823	27.833	37.043	45.841	1.870	1504.6	2759.	40.18	0.494
2900.	1.999	34.807	4.93	1.781	27.834	37.047	45.847	1.910	1506.2	2857.	40.31	0.382
3000.	1.974	34.804	4.92	1.746	27.835	37.049	45.851	1.950	1507.8	2955.	40.53	0.333
3100.	1.945	34.802	4.90	1.708	27.836	37.052	45.857	1.991	1509.4	3052.	40.68	0.362
3200.	1.913	34.799	4.90	1.666	27.837	37.055	45.862	2.032	1510.9	3150.	40.81	0.373
3300.	1.871	34.795	4.88	1.616	27.837	37.058	45.868	2.072	1512.5	3248.	40.88	0.392
3400.	1.827	34.790	4.87	1.563	27.837	37.062	45.874	2.113	1514.0	3345.	40.94	0.398
3500.	1.745	34.782	4.86	1.473	27.838	37.068	45.885	2.154	1515.3	3443.	40.56	0.550
3600.	1.662	34.775	4.84	1.381	27.838	37.073	45.895	2.195	1516.7	3541.	40.18	0.548
3700.	1.470	34.756	4.85	1.184	27.837	37.084	45.916	2.234	1517.5	3638.	38.86	0.783
3800.	1.246	34.743	4.90	0.955	27.841	37.101	45.946	2.272	1518.3	3736.	36.66	0.949
3900.	1.096	34.733	4.93	0.799	27.844	37.113	45.966	2.308	1519.3	3833.	35.27	0.781
4000.	1.052	34.729	4.93	0.745	27.844	37.116	45.973	2.343	1520.8	3930.	35.01	0.460
4100.	0.987	34.725	4.92	0.672	27.846	37.122	45.983	2.378	1522.3	4028.	34.46	0.554
4200.	0.967	34.723	4.91	0.642	27.846	37.124	45.986	2.412	1523.9	4125.	34.50	0.324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START 1/211615
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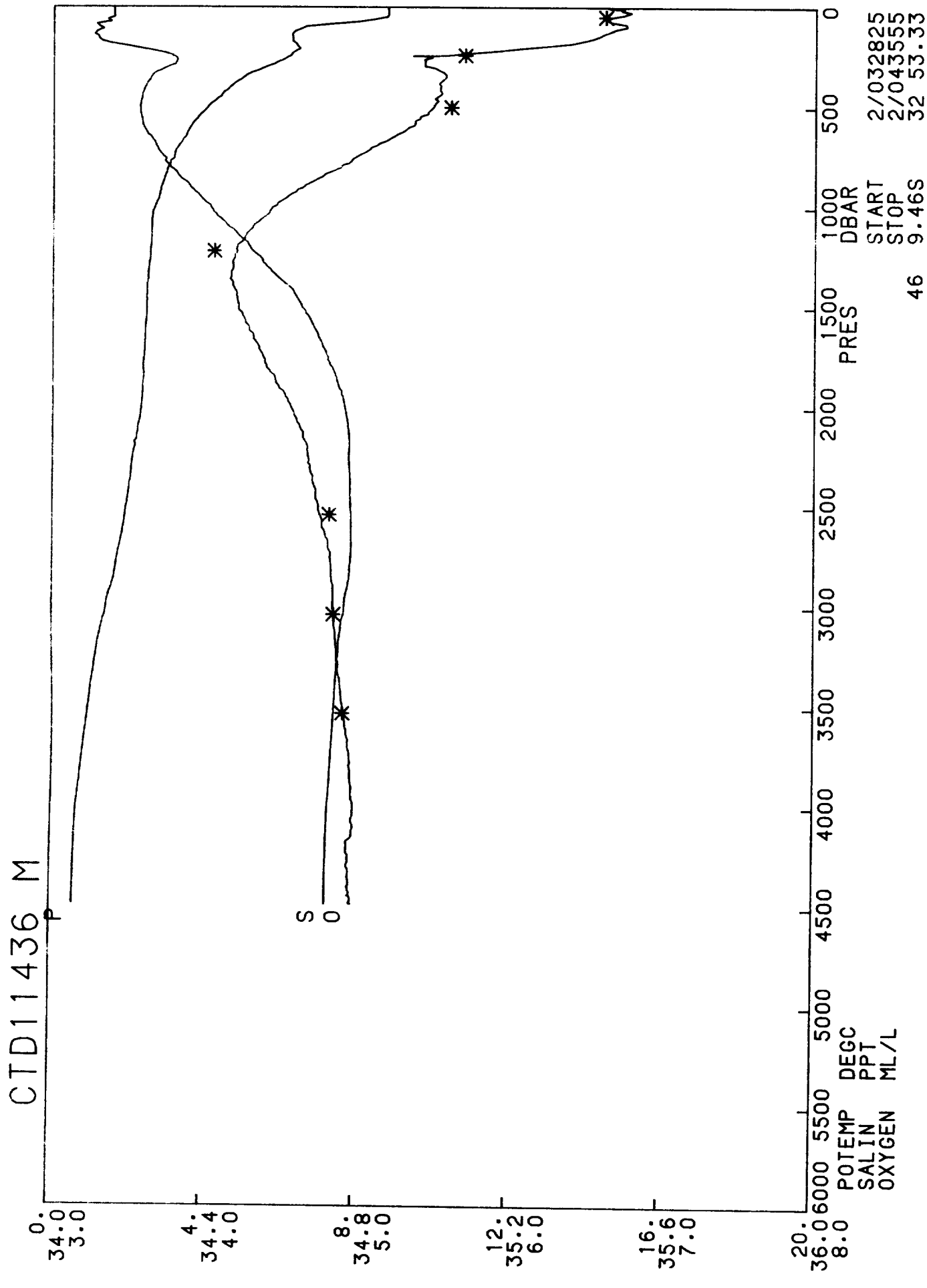
DISCOVERY 164 STATION 11435

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	8.568	34.026	6.77	8.567	26.424	35.311	43.806	0.016	1483.6	10.	159.64	-999.000
20.	8.561	34.025	6.71	8.559	26.424	35.311	43.807	0.032	1483.7	20.	159.82	0.198
40.	8.458	34.029	6.72	8.453	26.443	35.335	43.835	0.064	1483.6	40.	158.37	1.748
60.	7.613	34.103	6.88	7.607	26.627	35.556	44.091	0.094	1480.9	60.	141.20	5.404
80.	7.351	34.118	6.72	7.343	26.677	35.618	44.164	0.121	1480.2	79.	136.80	2.813
100.	6.877	34.131	6.65	6.868	26.752	35.715	44.282	0.148	1478.7	99.	129.87	3.477
120.	6.447	34.117	6.59	6.436	26.799	35.783	44.369	0.173	1477.4	119.	125.64	2.749
140.	6.223	34.103	6.59	6.211	26.817	35.812	44.408	0.198	1476.8	139.	124.12	1.737
160.	6.109	34.106	6.52	6.095	26.834	35.835	44.436	0.223	1476.7	159.	122.75	1.662
180.	6.093	34.122	6.39	6.077	26.849	35.850	44.452	0.248	1476.9	178.	121.62	1.537
200.	6.160	34.170	6.21	6.143	26.879	35.876	44.475	0.272	1477.6	198.	119.11	2.158
220.	6.128	34.233	5.81	6.109	26.933	35.931	44.530	0.295	1477.9	218.	114.29	2.919
240.	6.126	34.289	5.41	6.106	26.977	35.974	44.573	0.317	1478.3	238.	110.37	2.648
260.	5.892	34.301	5.42	5.870	27.017	36.025	44.634	0.339	1477.7	258.	106.80	2.537
280.	5.698	34.292	5.43	5.674	27.034	36.052	44.670	0.360	1477.2	278.	105.34	1.703
300.	5.419	34.277	5.53	5.395	27.056	36.087	44.719	0.381	1476.4	297.	103.33	1.944
320.	5.190	34.260	5.60	5.165	27.070	36.113	44.755	0.402	1475.8	317.	102.07	1.593
340.	5.038	34.251	5.62	5.012	27.080	36.131	44.780	0.422	1475.5	337.	101.24	1.335
360.	4.886	34.242	5.64	4.858	27.091	36.150	44.807	0.442	1475.2	357.	100.31	1.397
380.	4.754	34.235	5.64	4.725	27.100	36.166	44.829	0.462	1475.0	377.	99.54	1.286
400.	4.647	34.234	5.62	4.617	27.111	36.182	44.851	0.482	1474.9	396.	98.62	1.381
450.	4.361	34.230	5.55	4.328	27.140	36.226	44.908	0.531	1474.5	446.	96.14	1.419
500.	3.981	34.217	5.59	3.945	27.169	36.275	44.975	0.578	1473.7	495.	93.43	1.463
550.	3.740	34.226	5.49	3.701	27.201	36.319	45.032	0.624	1473.5	545.	90.54	1.496
600.	3.494	34.232	5.42	3.453	27.230	36.361	45.086	0.669	1473.3	594.	87.88	1.435
700.	3.177	34.264	5.16	3.131	27.286	36.434	45.174	0.754	1473.7	693.	82.86	1.394
800.	3.008	34.302	4.90	2.955	27.332	36.489	45.237	0.835	1474.7	792.	78.88	1.256
900.	2.832	34.366	4.58	2.773	27.400	36.565	45.322	0.911	1475.6	891.	72.89	1.499
1000.	2.738	34.407	4.39	2.673	27.441	36.611	45.372	0.982	1476.9	989.	69.44	1.176
1100.	2.657	34.469	4.21	2.585	27.498	36.672	45.436	1.049	1478.3	1088.	64.58	1.361
1200.	2.601	34.530	4.11	2.521	27.552	36.729	45.495	1.111	1479.8	1187.	59.97	1.329
1300.	2.564	34.574	4.08	2.477	27.591	36.769	45.538	1.170	1481.4	1285.	56.84	1.127
1400.	2.552	34.614	4.09	2.457	27.625	36.803	45.572	1.225	1483.1	1384.	54.31	1.034
1500.	2.536	34.656	4.14	2.433	27.661	36.840	45.609	1.278	1484.7	1482.	51.58	1.067
1600.	2.522	34.690	4.21	2.411	27.690	36.869	45.639	1.329	1486.4	1581.	49.45	0.968
1700.	2.520	34.717	4.27	2.401	27.712	36.892	45.662	1.377	1488.1	1679.	47.96	0.848
1800.	2.502	34.743	4.37	2.375	27.735	36.916	45.686	1.424	1489.7	1778.	46.44	0.858
1900.	2.467	34.760	4.48	2.332	27.752	36.935	45.708	1.470	1491.3	1876.	45.27	0.782
2000.	2.429	34.770	4.53	2.286	27.764	36.949	45.724	1.515	1492.8	1974.	44.60	0.664
2100.	2.401	34.783	4.63	2.249	27.778	36.965	45.741	1.559	1494.4	2072.	43.78	0.703
2200.	2.374	34.794	4.70	2.214	27.789	36.978	45.756	1.603	1495.9	2171.	43.15	0.653
2300.	2.303	34.796	4.77	2.135	27.797	36.990	45.773	1.646	1497.3	2269.	42.58	0.634
2400.	2.255	34.800	4.78	2.079	27.805	37.001	45.787	1.688	1498.8	2367.	42.10	0.606
2500.	2.206	34.803	4.81	2.022	27.812	37.011	45.799	1.730	1500.3	2465.	41.72	0.575
2600.	2.156	34.805	4.83	1.963	27.818	37.020	45.812	1.771	1501.8	2563.	41.37	0.566
2700.	2.072	34.803	4.86	1.872	27.824	37.031	45.827	1.812	1503.1	2661.	40.80	0.623
2800.	1.993	34.796	4.87	1.784	27.825	37.038	45.838	1.853	1504.5	2759.	40.59	0.508
2900.	1.896	34.786	4.85	1.680	27.825	37.043	45.849	1.893	1505.7	2857.	40.38	0.503
3000.	1.748	34.775	4.84	1.526	27.828	37.055	45.869	1.933	1506.8	2954.	39.45	0.702
3100.	1.626	34.764	4.83	1.397	27.829	37.063	45.884	1.972	1507.9	3052.	38.81	0.618
3200.	1.540	34.760	4.85	1.303	27.831	37.071	45.897	2.011	1509.3	3150.	38.24	0.590
3300.	1.465	34.753	4.85	1.220	27.832	37.076	45.907	2.049	1510.6	3248.	37.94	0.501
3400.	1.399	34.748	4.86	1.146	27.833	37.082	45.917	2.087	1512.1	3345.	37.56	0.526
3500.	1.327	34.743	4.88	1.065	27.835	37.088	45.928	2.124	1513.4	3443.	37.10	0.544
3600.	1.222	34.740	4.93	0.953	27.840	37.100	45.945	2.161	1514.7	3540.	36.00	0.715
3700.	1.119	34.734	4.97	0.842	27.842	37.108	45.960	2.196	1516.0	3638.	35.14	0.650
3800.	1.067	34.731	4.98	0.782	27.844	37.114	45.968	2.231	1517.5	3735.	34.73	0.512
3900.	1.008	34.728	4.99	0.714	27.845	37.119	45.977	2.265	1518.9	3833.	34.28	0.524
4000.	0.962	34.724	5.01	0.658	27.846	37.123	45.984	2.299	1520.4	3930.	33.97	0.472
4100.	0.943	34.723	5.02	0.630	27.846	37.125	45.988	2.333	1522.1	4028.	33.95	0.343
4200.	0.926	34.721	5.02	0.602	27.846	37.127	45.991	2.367	1523.7	4125.	34.00	0.315
4300.	0.910	34.719	5.03	0.576	27.847	37.129	45.995	2.401	1525.4	4222.	33.99	0.342
4400.	0.899	34.718	5.04	0.554	27.847	37.130	45.997	2.435	1527.1	4319.	34.06	0.297
4500.	0.883	34.716	5.06	0.528	27.847	37.132	46.000	2.469	1528.8	4417.	34.07	0.333
4600.	0.865	34.715	5.07	0.499	27.848	37.134	46.004	2.503	1530.4	4514.	33.99	0.375
4700.	0.818	34.711	5.10	0.442	27.848	37.138	46.011	2.537	1531.9	4611.	33.60	0.498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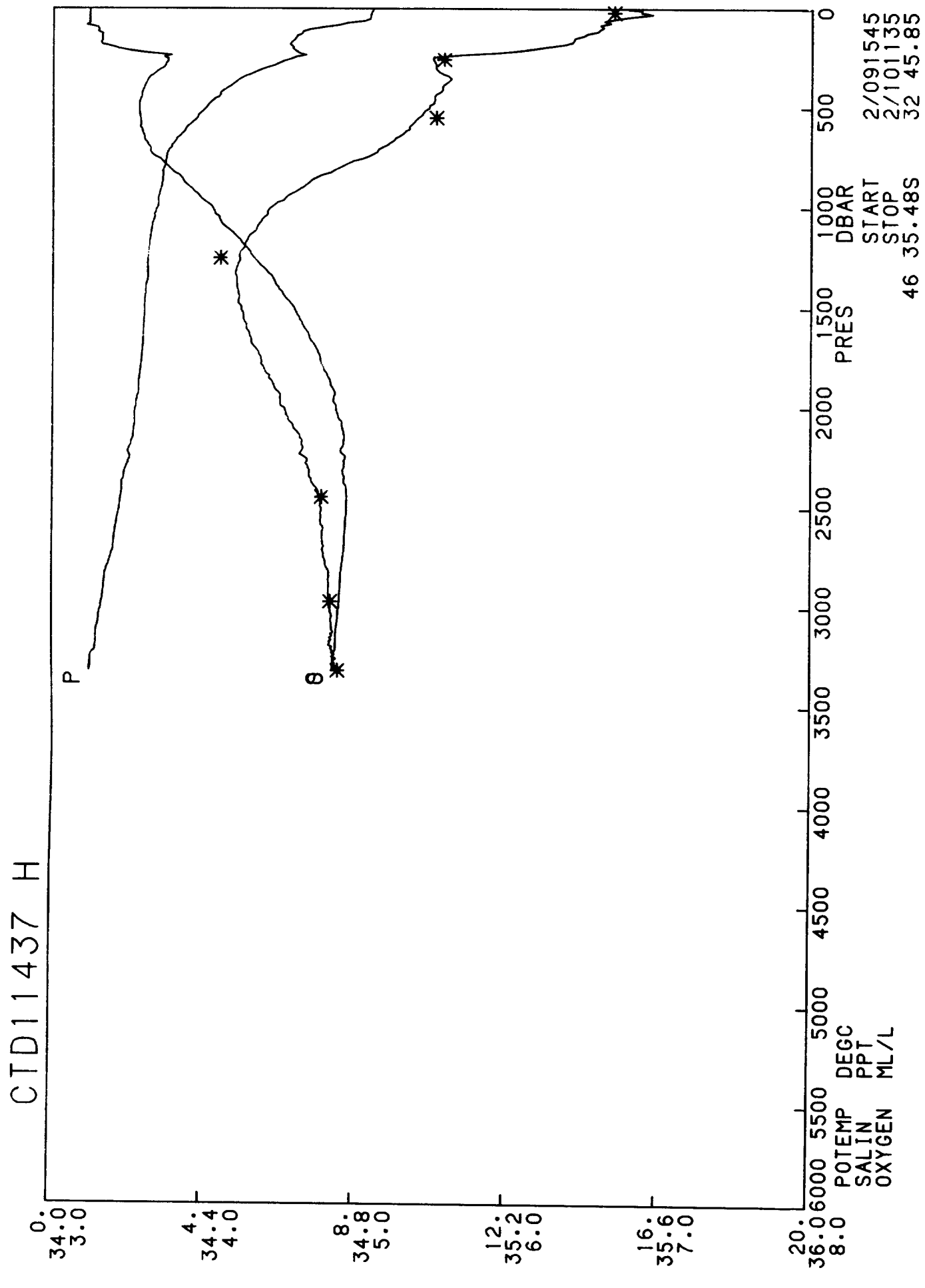
POTEMP DEGC
SALIN PPT
OXYGEN ML/L

DISCOVERY 164 STATION 11436

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	8.775	34.158	6.74	8.774	26.495	35.370	43.855	0.015	1484.5	10.	152.91	-999.000
20.	8.778	34.158	6.75	8.776	26.494	35.370	43.855	0.031	1484.7	20.	153.13	-0.260
40.	8.768	34.159	6.72	8.764	26.497	35.373	43.859	0.061	1485.0	40.	153.27	0.663
60.	8.430	34.143	6.63	8.424	26.537	35.429	43.929	0.092	1484.0	59.	149.83	2.526
80.	7.539	34.128	6.71	7.531	26.657	35.589	44.127	0.120	1480.9	79.	138.62	4.389
100.	6.577	34.123	6.74	6.568	26.787	35.764	44.344	0.147	1477.5	99.	126.54	4.548
120.	6.331	34.115	6.65	6.320	26.812	35.802	44.393	0.172	1476.9	119.	124.33	2.045
140.	6.264	34.113	6.59	6.252	26.820	35.813	44.407	0.197	1477.0	139.	123.87	1.113
160.	6.279	34.122	6.51	6.265	26.825	35.817	44.411	0.222	1477.4	159.	123.71	0.869
180.	6.357	34.147	6.40	6.341	26.835	35.823	44.413	0.246	1478.0	178.	123.04	1.266
200.	6.443	34.209	6.13	6.426	26.873	35.856	44.441	0.270	1478.8	198.	119.85	2.412
220.	6.345	34.267	5.87	6.326	26.932	35.919	44.508	0.294	1478.8	218.	114.49	3.072
240.	6.230	34.310	5.59	6.210	26.981	35.973	44.566	0.316	1478.7	238.	110.08	2.803
260.	6.057	34.324	5.44	6.035	27.014	36.014	44.615	0.338	1478.4	258.	107.13	2.326
280.	5.838	34.320	5.43	5.814	27.039	36.049	44.661	0.359	1477.8	278.	104.96	2.024
300.	5.567	34.298	5.47	5.543	27.055	36.079	44.703	0.380	1477.0	297.	103.51	1.694
320.	5.319	34.276	5.54	5.294	27.067	36.104	44.740	0.401	1476.3	317.	102.46	1.478
340.	5.086	34.259	5.57	5.059	27.081	36.130	44.777	0.421	1475.7	337.	101.16	1.607
360.	4.944	34.253	5.56	4.916	27.093	36.149	44.803	0.441	1475.4	357.	100.17	1.431
380.	4.777	34.244	5.53	4.748	27.105	36.169	44.831	0.461	1475.1	377.	99.11	1.464
400.	4.651	34.240	5.54	4.621	27.115	36.186	44.854	0.481	1474.9	396.	98.23	1.355
450.	4.381	34.231	5.51	4.347	27.138	36.223	44.904	0.530	1474.6	446.	96.30	1.284
500.	4.071	34.227	5.49	4.035	27.168	36.269	44.965	0.577	1474.1	495.	93.64	1.453
550.	3.826	34.231	5.40	3.787	27.196	36.310	45.018	0.623	1473.9	545.	91.09	1.420
600.	3.623	34.238	5.33	3.581	27.222	36.346	45.065	0.668	1473.9	594.	88.81	1.348
700.	3.294	34.273	5.08	3.247	27.282	36.424	45.158	0.754	1474.2	693.	83.42	1.441
800.	3.047	34.308	4.88	2.994	27.334	36.488	45.234	0.836	1474.8	792.	78.84	1.337
900.	2.874	34.362	4.63	2.815	27.392	36.556	45.310	0.912	1475.8	891.	73.65	1.406
1000.	2.718	34.415	4.44	2.653	27.449	36.620	45.382	0.983	1476.9	989.	68.63	1.383
1100.	2.652	34.464	4.31	2.580	27.495	36.669	45.434	1.050	1478.3	1088.	64.86	1.218
1200.	2.638	34.517	4.20	2.558	27.539	36.713	45.478	1.113	1480.0	1187.	61.33	1.186
1300.	2.596	34.563	4.18	2.509	27.580	36.757	45.523	1.172	1481.5	1285.	57.99	1.159
1400.	2.560	34.622	4.19	2.465	27.631	36.809	45.577	1.228	1483.1	1384.	53.78	1.280
1500.	2.563	34.655	4.22	2.460	27.657	36.835	45.603	1.281	1484.8	1482.	51.97	0.910
1600.	2.535	34.687	4.29	2.425	27.686	36.865	45.634	1.332	1486.4	1581.	49.87	0.964
1700.	2.520	34.711	4.35	2.401	27.707	36.887	45.657	1.381	1488.1	1679.	48.46	0.834
1800.	2.499	34.734	4.40	2.372	27.728	36.909	45.680	1.429	1489.7	1778.	47.06	0.831
1900.	2.485	34.752	4.49	2.349	27.745	36.927	45.699	1.475	1491.3	1876.	46.03	0.751
2000.	2.458	34.768	4.57	2.314	27.760	36.944	45.717	1.521	1492.9	1974.	45.10	0.730
2100.	2.382	34.776	4.63	2.231	27.774	36.962	45.740	1.565	1494.3	2072.	44.02	0.762
2200.	2.305	34.778	4.67	2.146	27.783	36.975	45.757	1.609	1495.6	2171.	43.38	0.654
2300.	2.228	34.780	4.69	2.061	27.791	36.988	45.774	1.652	1497.0	2269.	42.74	0.648
2400.	2.178	34.782	4.72	2.004	27.797	36.997	45.787	1.695	1498.5	2367.	42.40	0.558
2500.	2.111	34.783	4.75	1.928	27.804	37.008	45.802	1.737	1499.9	2465.	41.86	0.616
2600.	2.046	34.785	4.77	1.855	27.811	37.020	45.817	1.778	1501.3	2563.	41.27	0.626
2700.	1.952	34.786	4.81	1.753	27.819	37.033	45.836	1.819	1502.6	2661.	40.38	0.698
2800.	1.867	34.781	4.83	1.661	27.822	37.042	45.849	1.859	1503.9	2759.	39.96	0.565
2900.	1.766	34.775	4.84	1.553	27.826	37.052	45.864	1.899	1505.1	2856.	39.32	0.625
3000.	1.638	34.767	4.84	1.418	27.829	37.062	45.882	1.938	1506.3	2954.	38.48	0.670
3100.	1.514	34.758	4.86	1.287	27.831	37.072	45.899	1.976	1507.4	3052.	37.69	0.651
3200.	1.410	34.752	4.87	1.176	27.834	37.081	45.914	2.013	1508.7	3150.	36.96	0.631
3300.	1.336	34.747	4.88	1.093	27.836	37.088	45.925	2.050	1510.1	3247.	36.48	0.549
3400.	1.254	34.744	4.90	1.004	27.839	37.096	45.938	2.086	1511.4	3345.	35.80	0.606
3500.	1.196	34.740	4.91	0.938	27.841	37.102	45.948	2.122	1512.9	3443.	35.42	0.509
3600.	1.143	34.737	4.93	0.876	27.842	37.107	45.956	2.157	1514.3	3540.	35.06	0.501
3700.	1.087	34.734	4.94	0.811	27.844	37.112	45.965	2.192	1515.8	3638.	34.68	0.503
3800.	1.038	34.731	4.95	0.753	27.845	37.117	45.973	2.226	1517.3	3735.	34.32	0.491
3900.	0.997	34.728	4.97	0.703	27.846	37.121	45.979	2.260	1518.9	3833.	34.08	0.450
4000.	0.958	34.725	4.98	0.654	27.847	37.124	45.986	2.294	1520.4	3930.	33.86	0.437
4100.	0.950	34.724	4.98	0.636	27.847	37.125	45.988	2.328	1522.1	4027.	33.98	0.263
4200.	0.945	34.723	4.94	0.621	27.847	37.127	45.990	2.362	1523.8	4125.	34.09	0.274
4300.	0.945	34.722	4.95	0.610	27.847	37.127	45.991	2.397	1525.6	4222.	34.33	0.183
4400.	0.948	34.722	4.95	0.601	27.847	37.128	45.992	2.431	1527.3	4319.	34.57	0.185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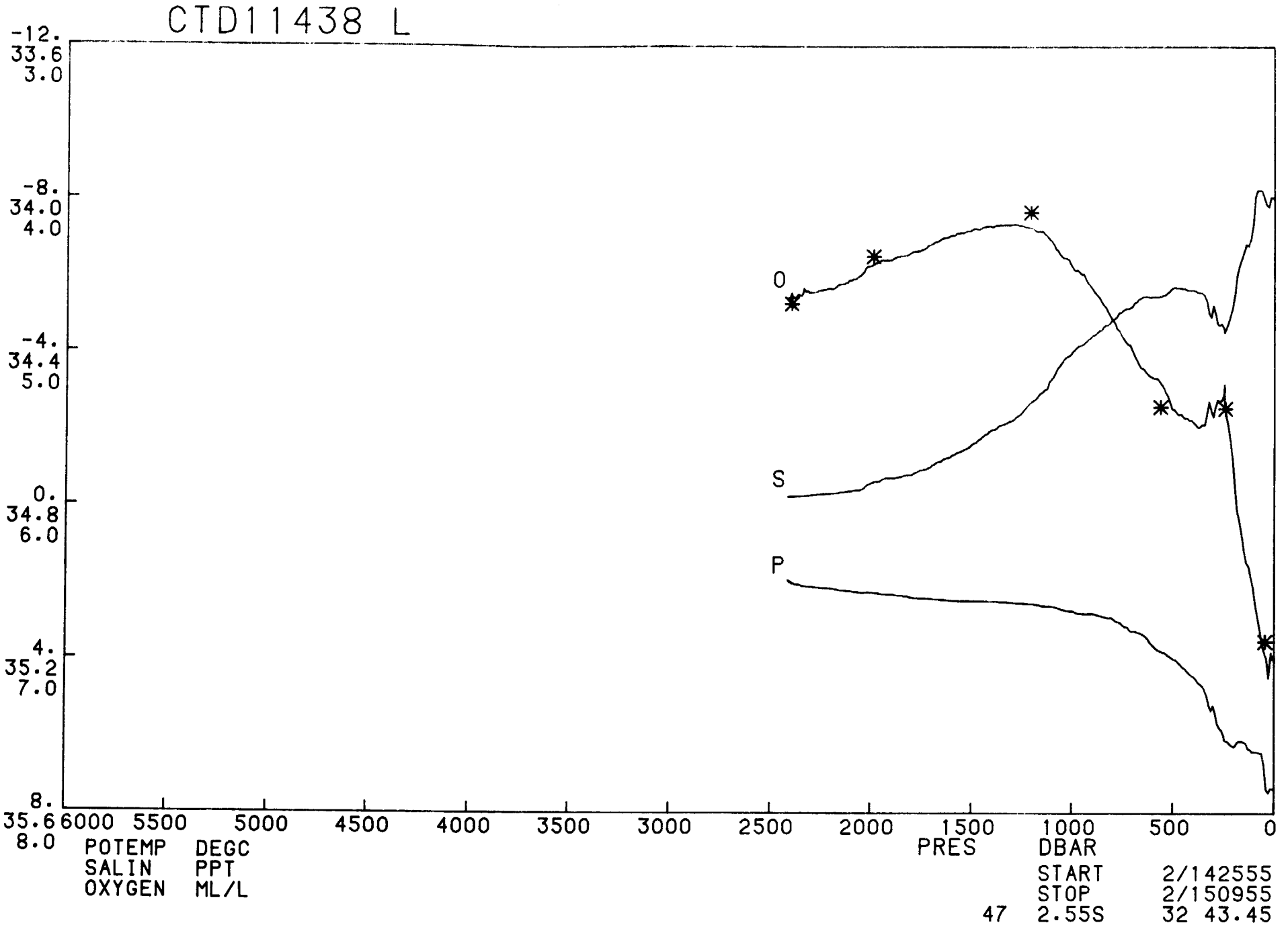
DISCOVERY 164 STATION 11437

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	8.430	34.098	6.88	8.429	26.501	35.393	43.894	0.015	1483.1	10.	152.27	-999.000
20.	8.395	34.097	6.89	8.393	26.506	35.399	43.901	0.030	1483.2	20.	152.05	1.170
40.	8.369	34.097	6.81	8.365	26.510	35.405	43.908	0.061	1483.4	40.	152.00	0.842
60.	8.236	34.097	6.64	8.230	26.530	35.431	43.940	0.091	1483.2	59.	150.46	1.789
80.	7.571	34.091	6.62	7.564	26.624	35.555	44.092	0.120	1481.0	79.	141.86	3.863
100.	6.866	34.121	6.61	6.857	26.746	35.710	44.277	0.147	1478.7	99.	130.45	4.423
120.	6.580	34.126	6.55	6.569	26.789	35.766	44.346	0.173	1477.9	119.	126.61	2.631
140.	6.429	34.130	6.47	6.417	26.811	35.796	44.383	0.198	1477.6	139.	124.75	1.902
160.	6.346	34.130	6.43	6.333	26.823	35.811	44.402	0.223	1477.6	159.	123.96	1.342
180.	6.281	34.136	6.36	6.265	26.836	35.828	44.421	0.248	1477.7	178.	122.95	1.470
200.	6.355	34.176	6.17	6.338	26.858	35.846	44.435	0.272	1478.4	198.	121.19	1.853
220.	6.499	34.247	5.93	6.479	26.896	35.876	44.458	0.296	1479.4	218.	117.98	2.419
240.	6.462	34.295	5.58	6.440	26.939	35.920	44.503	0.319	1479.6	238.	114.22	2.604
260.	6.145	34.304	5.51	6.123	26.987	35.983	44.581	0.342	1478.7	258.	109.75	2.822
280.	5.908	34.298	5.53	5.885	27.012	36.020	44.628	0.363	1478.1	277.	107.49	2.058
300.	5.619	34.288	5.53	5.594	27.041	36.062	44.684	0.385	1477.2	297.	104.90	2.189
320.	5.354	34.272	5.55	5.328	27.060	36.095	44.730	0.405	1476.5	317.	103.11	1.847
340.	5.106	34.258	5.61	5.079	27.078	36.126	44.772	0.426	1475.8	337.	101.49	1.765
360.	4.916	34.250	5.62	4.888	27.093	36.151	44.806	0.446	1475.3	357.	100.10	1.653
380.	4.775	34.245	5.59	4.746	27.105	36.170	44.832	0.466	1475.1	377.	99.07	1.447
400.	4.623	34.240	5.57	4.593	27.119	36.191	44.861	0.486	1474.8	396.	97.87	1.544
450.	4.348	34.233	5.52	4.315	27.143	36.229	44.912	0.534	1474.4	446.	95.83	1.310
500.	4.074	34.228	5.48	4.039	27.168	36.269	44.965	0.581	1474.1	495.	93.58	1.356
550.	3.850	34.232	5.41	3.811	27.194	36.307	45.014	0.628	1474.0	545.	91.30	1.355
600.	3.572	34.233	5.35	3.530	27.223	36.350	45.071	0.672	1473.7	594.	88.65	1.438
700.	3.170	34.258	5.17	3.124	27.281	36.430	45.170	0.759	1473.6	693.	83.24	1.441
800.	2.993	34.307	4.90	2.940	27.337	36.495	45.244	0.839	1474.6	792.	78.37	1.370
900.	2.924	34.363	4.65	2.864	27.389	36.549	45.301	0.916	1476.0	891.	74.11	1.291
1000.	2.831	34.422	4.44	2.765	27.445	36.610	45.366	0.987	1477.4	989.	69.35	1.352
1100.	2.687	34.458	4.35	2.614	27.487	36.659	45.422	1.055	1478.5	1088.	65.69	1.206
1200.	2.623	34.512	4.26	2.543	27.536	36.711	45.477	1.118	1479.9	1187.	61.57	1.267
1300.	2.599	34.556	4.21	2.512	27.574	36.751	45.517	1.178	1481.5	1285.	58.54	1.113
1400.	2.552	34.597	4.22	2.457	27.611	36.790	45.559	1.235	1483.0	1384.	55.58	1.103
1500.	2.528	34.638	4.25	2.426	27.647	36.827	45.597	1.289	1484.7	1482.	52.79	1.075
1600.	2.515	34.666	4.28	2.404	27.671	36.851	45.622	1.341	1486.3	1581.	51.16	0.875
1700.	2.496	34.696	4.34	2.377	27.697	36.879	45.650	1.392	1487.9	1679.	49.22	0.932
1800.	2.452	34.716	4.39	2.325	27.718	36.901	45.675	1.440	1489.5	1777.	47.78	0.839
1900.	2.415	34.739	4.47	2.280	27.740	36.926	45.702	1.487	1491.0	1876.	46.13	0.878
2000.	2.338	34.750	4.53	2.196	27.755	36.946	45.726	1.532	1492.4	1974.	44.92	0.787
2100.	2.304	34.766	4.59	2.154	27.772	36.964	45.746	1.577	1493.9	2072.	43.80	0.766
2200.	2.196	34.766	4.66	2.039	27.781	36.980	45.767	1.620	1495.1	2170.	42.91	0.709
2300.	2.111	34.770	4.69	1.947	27.792	36.996	45.788	1.663	1496.5	2269.	41.93	0.725
2400.	2.018	34.777	4.74	1.846	27.805	37.014	45.812	1.704	1497.8	2367.	40.66	0.787
2500.	1.961	34.779	4.78	1.781	27.811	37.024	45.825	1.744	1499.2	2465.	40.21	0.579
2600.	1.865	34.774	4.79	1.678	27.816	37.034	45.841	1.784	1500.5	2563.	39.64	0.609
2700.	1.814	34.772	4.79	1.619	27.818	37.040	45.850	1.824	1501.9	2661.	39.51	0.465
2800.	1.653	34.765	4.82	1.451	27.825	37.057	45.875	1.863	1502.9	2759.	38.16	0.791
2900.	1.580	34.761	4.83	1.370	27.828	37.064	45.887	1.901	1504.3	2856.	37.76	0.539
3000.	1.513	34.758	4.84	1.296	27.831	37.071	45.898	1.938	1505.7	2954.	37.37	0.531
3100.	1.419	34.752	4.85	1.194	27.833	37.079	45.911	1.975	1507.0	3052.	36.78	0.590
3200.	1.382	34.750	4.85	1.149	27.834	37.083	45.917	2.012	1508.5	3150.	36.71	0.405
3300.	1.248	34.742	4.87	1.008	27.838	37.095	45.937	2.048	1509.7	3247.	35.55	0.729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OXYGEN ML/L
START 2/142555
STOP 2/150955
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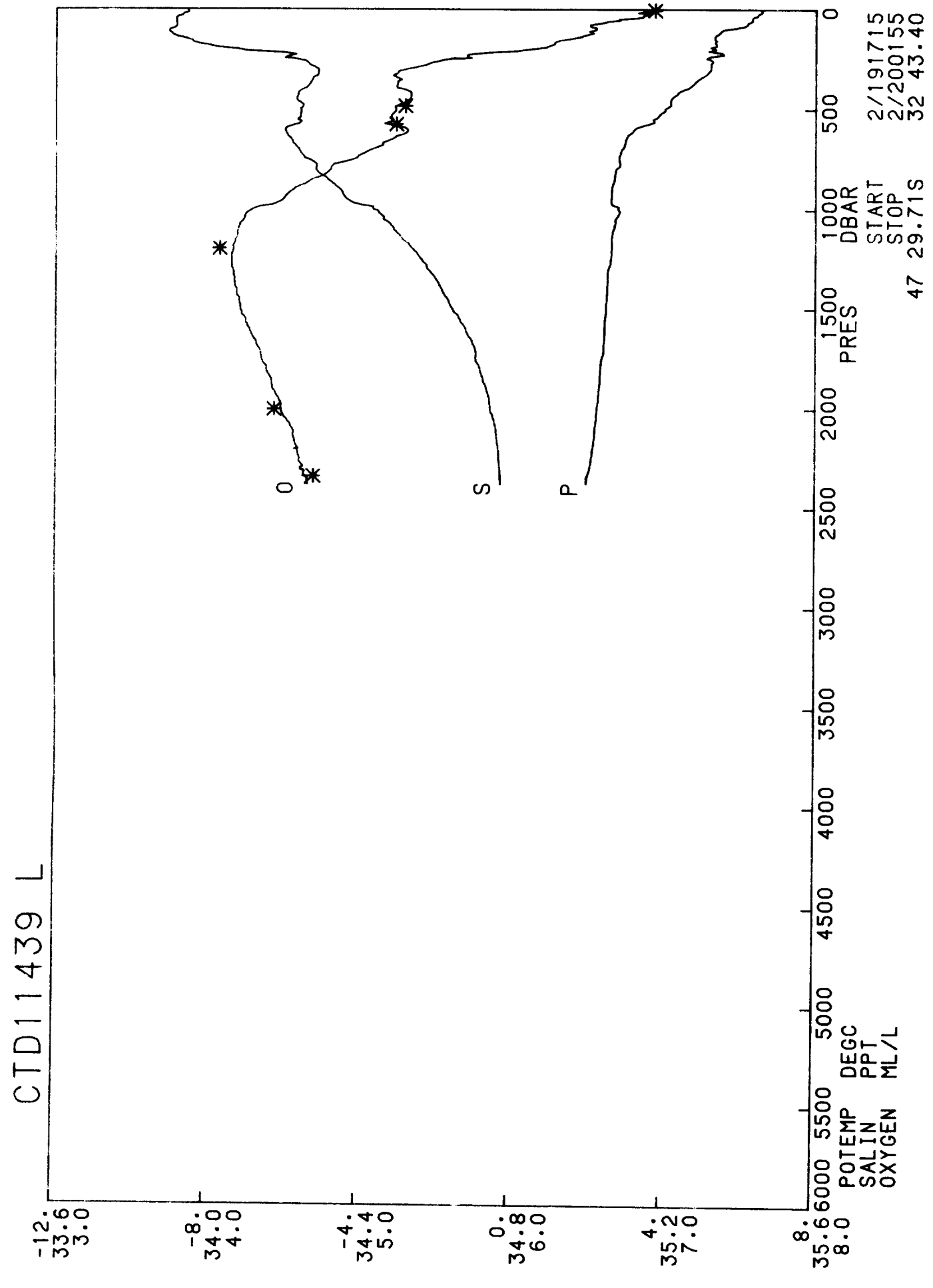
DISCOVERY 164 STATION 11438

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	7.341	33.992	6.99	7.340	26.578	35.521	44.069	0.015	1478.9	10.	144.99	-999.000
20.	7.381	34.000	7.00	7.379	26.578	35.519	44.066	0.029	1479.2	20.	145.11	0.381
40.	7.282	34.009	6.98	7.278	26.600	35.545	44.096	0.058	1479.2	40.	143.39	1.853
60.	6.441	33.976	6.90	6.436	26.688	35.674	44.262	0.086	1476.2	59.	135.28	3.745
80.	6.404	33.974	6.73	6.397	26.691	35.679	44.269	0.113	1476.3	79.	135.21	0.772
100.	6.400	34.032	6.57	6.392	26.738	35.725	44.314	0.139	1476.7	99.	131.11	2.705
120.	6.334	34.108	6.43	6.324	26.806	35.796	44.387	0.165	1476.9	119.	124.89	3.295
140.	6.167	34.118	6.35	6.155	26.836	35.833	44.432	0.190	1476.6	139.	122.33	2.180
160.	6.123	34.152	6.18	6.109	26.869	35.868	44.468	0.214	1476.8	159.	119.49	2.283
180.	6.174	34.187	6.04	6.158	26.890	35.886	44.484	0.238	1477.4	178.	117.77	1.826
200.	6.263	34.266	5.76	6.246	26.941	35.932	44.524	0.261	1478.1	198.	113.30	2.820
220.	6.183	34.308	5.53	6.164	26.985	35.979	44.574	0.283	1478.2	218.	109.41	2.641
240.	6.115	34.339	5.38	6.094	27.018	36.015	44.614	0.305	1478.3	238.	106.50	2.312
260.	5.839	34.323	5.31	5.817	27.041	36.051	44.662	0.326	1477.5	258.	104.51	1.946
280.	5.674	34.321	5.30	5.651	27.059	36.078	44.697	0.346	1477.2	277.	102.90	1.770
300.	5.231	34.276	5.41	5.208	27.077	36.118	44.758	0.367	1475.7	297.	101.18	1.820
320.	5.235	34.298	5.32	5.210	27.094	36.135	44.774	0.387	1476.0	317.	99.81	1.644
340.	4.855	34.253	5.44	4.829	27.103	36.163	44.821	0.407	1474.8	337.	98.90	1.382
360.	4.672	34.241	5.47	4.644	27.114	36.184	44.851	0.426	1474.3	357.	97.92	1.419
380.	4.575	34.239	5.48	4.546	27.123	36.198	44.869	0.446	1474.2	376.	97.20	1.251
400.	4.457	34.235	5.45	4.428	27.132	36.213	44.891	0.465	1474.1	396.	96.41	1.293
450.	4.227	34.231	5.41	4.195	27.154	36.247	44.935	0.513	1473.9	446.	94.63	1.238
500.	4.001	34.229	5.36	3.965	27.176	36.281	44.981	0.560	1473.8	495.	92.76	1.257
550.	3.834	34.249	5.21	3.796	27.209	36.323	45.030	0.605	1474.0	545.	89.86	1.499
600.	3.659	34.253	5.16	3.617	27.231	36.353	45.069	0.650	1474.1	594.	88.05	1.226
700.	3.295	34.276	4.98	3.248	27.285	36.426	45.160	0.735	1474.2	693.	83.19	1.380
800.	2.951	34.313	4.78	2.898	27.346	36.505	45.257	0.816	1474.4	792.	77.49	1.469
900.	2.840	34.355	4.58	2.781	27.390	36.555	45.311	0.891	1475.7	891.	73.80	1.211
1000.	2.785	34.398	4.43	2.719	27.429	36.597	45.356	0.964	1477.1	989.	70.65	1.133
1100.	2.669	34.465	4.27	2.597	27.494	36.667	45.431	1.032	1478.4	1088.	64.98	1.460
1200.	2.610	34.525	4.18	2.531	27.548	36.724	45.490	1.095	1479.9	1187.	60.41	1.325
1300.	2.587	34.575	4.16	2.500	27.590	36.767	45.534	1.153	1481.5	1285.	57.01	1.166
1400.	2.562	34.600	4.18	2.468	27.613	36.791	45.560	1.209	1483.1	1384.	55.43	0.866
1500.	2.562	34.639	4.19	2.459	27.644	36.822	45.591	1.264	1484.8	1482.	53.16	0.990
1600.	2.556	34.668	4.23	2.445	27.669	36.848	45.616	1.316	1486.5	1581.	51.46	0.892
1700.	2.521	34.694	4.29	2.402	27.694	36.874	45.644	1.367	1488.0	1679.	49.65	0.910
1800.	2.495	34.718	4.34	2.368	27.716	36.897	45.669	1.415	1489.6	1777.	48.16	0.849
1900.	2.424	34.727	4.39	2.289	27.729	36.915	45.690	1.463	1491.0	1876.	47.17	0.743
2000.	2.381	34.740	4.43	2.239	27.744	36.932	45.710	1.510	1492.5	1974.	46.16	0.742
2100.	2.355	34.761	4.53	2.205	27.764	36.954	45.733	1.555	1494.1	2072.	44.80	0.820
2200.	2.291	34.768	4.58	2.132	27.775	36.969	45.752	1.600	1495.6	2170.	43.98	0.696
2300.	2.252	34.772	4.61	2.086	27.782	36.978	45.763	1.644	1497.1	2268.	43.66	0.557
2400.	2.154	34.776	4.62	1.980	27.794	36.995	45.786	1.687	1498.3	2367.	42.56	0.758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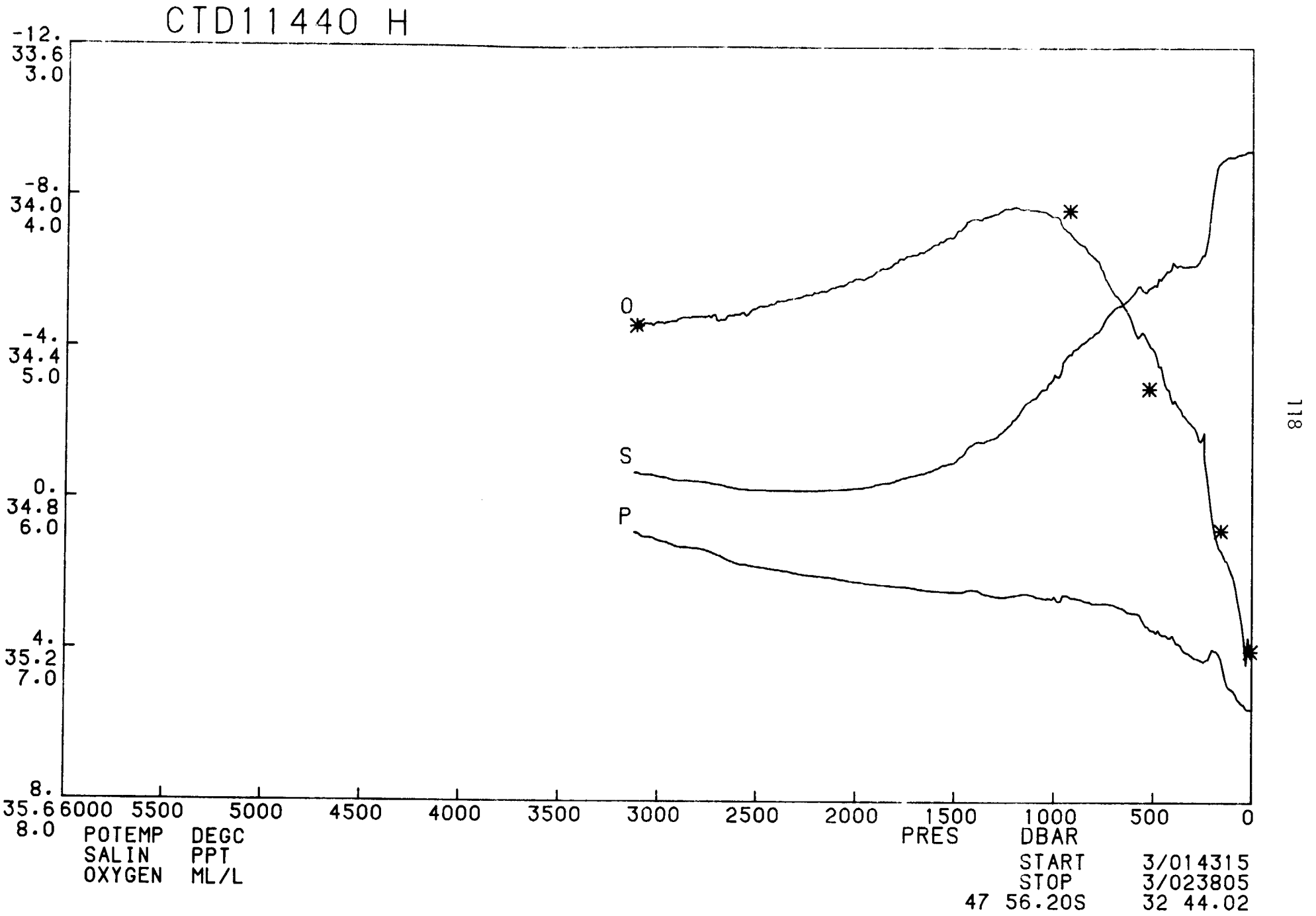
DISCOVERY 164 STATION 11439

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	6.573	33.948	6.93	6.572	26.648	35.628	44.210	0.014	1475.8	10.	138.31	-999.000
20.	6.508	33.939	6.90	6.506	26.649	35.632	44.218	0.028	1475.7	20.	138.34	0.634
40.	6.346	33.918	6.84	6.342	26.654	35.645	44.239	0.055	1475.4	40.	138.15	0.894
60.	6.290	33.917	6.63	6.285	26.661	35.655	44.251	0.083	1475.5	59.	137.82	1.014
80.	6.146	33.917	6.51	6.139	26.680	35.681	44.283	0.110	1475.3	79.	136.26	1.752
100.	5.617	33.901	6.55	5.609	26.733	35.760	44.387	0.137	1473.5	99.	131.40	2.923
120.	5.449	33.904	6.53	5.439	26.755	35.790	44.425	0.163	1473.1	119.	129.49	1.899
140.	5.339	33.927	6.43	5.328	26.787	35.827	44.467	0.189	1473.0	139.	126.69	2.251
160.	5.371	33.960	6.29	5.358	26.810	35.848	44.486	0.214	1473.5	159.	124.80	1.887
180.	5.388	34.001	6.25	5.374	26.840	35.877	44.513	0.239	1474.0	178.	122.20	2.178
200.	5.358	34.080	6.11	5.343	26.906	35.943	44.580	0.263	1474.3	198.	116.17	3.237
220.	5.560	34.207	5.80	5.542	26.983	36.008	44.634	0.285	1475.6	218.	109.27	3.454
240.	5.179	34.206	5.72	5.161	27.027	36.072	44.715	0.306	1474.4	238.	105.12	2.712
260.	5.301	34.258	5.51	5.281	27.054	36.092	44.729	0.327	1475.3	258.	102.88	2.037
280.	5.253	34.270	5.43	5.230	27.070	36.110	44.749	0.348	1475.4	277.	101.63	1.583
300.	5.247	34.290	5.31	5.223	27.087	36.127	44.766	0.368	1475.7	297.	100.30	1.626
320.	5.161	34.291	5.24	5.136	27.098	36.142	44.785	0.388	1475.7	317.	99.44	1.362
340.	5.005	34.278	5.24	4.978	27.106	36.158	44.809	0.408	1475.4	337.	98.78	1.221
360.	4.864	34.272	5.25	4.836	27.116	36.176	44.833	0.427	1475.1	357.	97.87	1.384
380.	4.755	34.265	5.24	4.726	27.124	36.189	44.852	0.447	1475.0	376.	97.32	1.141
400.	4.575	34.251	5.28	4.545	27.132	36.207	44.879	0.466	1474.6	396.	96.53	1.299
450.	4.220	34.234	5.33	4.187	27.157	36.250	44.939	0.514	1473.9	446.	94.34	1.346
500.	4.059	34.244	5.24	4.023	27.182	36.284	44.980	0.561	1474.1	495.	92.27	1.308
550.	3.764	34.236	5.22	3.726	27.207	36.324	45.035	0.606	1473.7	545.	90.03	1.343
600.	3.258	34.204	5.31	3.218	27.230	36.374	45.111	0.651	1472.3	594.	87.52	1.399
700.	2.926	34.240	5.08	2.881	27.289	36.451	45.204	0.735	1472.6	693.	82.10	1.434
800.	2.782	34.284	4.80	2.730	27.338	36.507	45.267	0.815	1473.7	792.	77.89	1.278
900.	2.680	34.349	4.56	2.622	27.399	36.572	45.337	0.891	1475.0	891.	72.61	1.411
1000.	2.872	34.438	4.29	2.806	27.454	36.617	45.370	0.961	1477.6	989.	68.56	1.258
1100.	2.739	34.490	4.20	2.666	27.508	36.677	45.437	1.028	1478.7	1088.	63.90	1.340
1200.	2.705	34.540	4.17	2.625	27.551	36.722	45.483	1.090	1480.3	1187.	60.40	1.185
1300.	2.625	34.579	4.16	2.537	27.590	36.764	45.530	1.148	1481.7	1285.	57.20	1.140
1400.	2.608	34.616	4.19	2.513	27.621	36.797	45.563	1.204	1483.3	1384.	54.84	1.008
1500.	2.590	34.644	4.22	2.487	27.646	36.823	45.589	1.258	1484.9	1482.	53.08	0.901
1600.	2.555	34.679	4.28	2.444	27.678	36.856	45.625	1.310	1486.5	1581.	50.63	1.024
1700.	2.537	34.704	4.34	2.418	27.700	36.880	45.649	1.360	1488.1	1679.	49.13	0.853
1800.	2.459	34.717	4.39	2.333	27.718	36.901	45.675	1.408	1489.5	1777.	47.80	0.817
1900.	2.433	34.734	4.43	2.299	27.735	36.920	45.694	1.456	1491.1	1876.	46.72	0.759
2000.	2.387	34.745	4.48	2.245	27.748	36.936	45.713	1.502	1492.6	1974.	45.85	0.711
2100.	2.342	34.760	4.56	2.192	27.764	36.955	45.735	1.547	1494.1	2072.	44.71	0.773
2200.	2.297	34.767	4.60	2.138	27.774	36.967	45.750	1.592	1495.6	2170.	44.14	0.632
2300.	2.223	34.771	4.61	2.056	27.783	36.981	45.768	1.636	1496.9	2268.	43.36	0.681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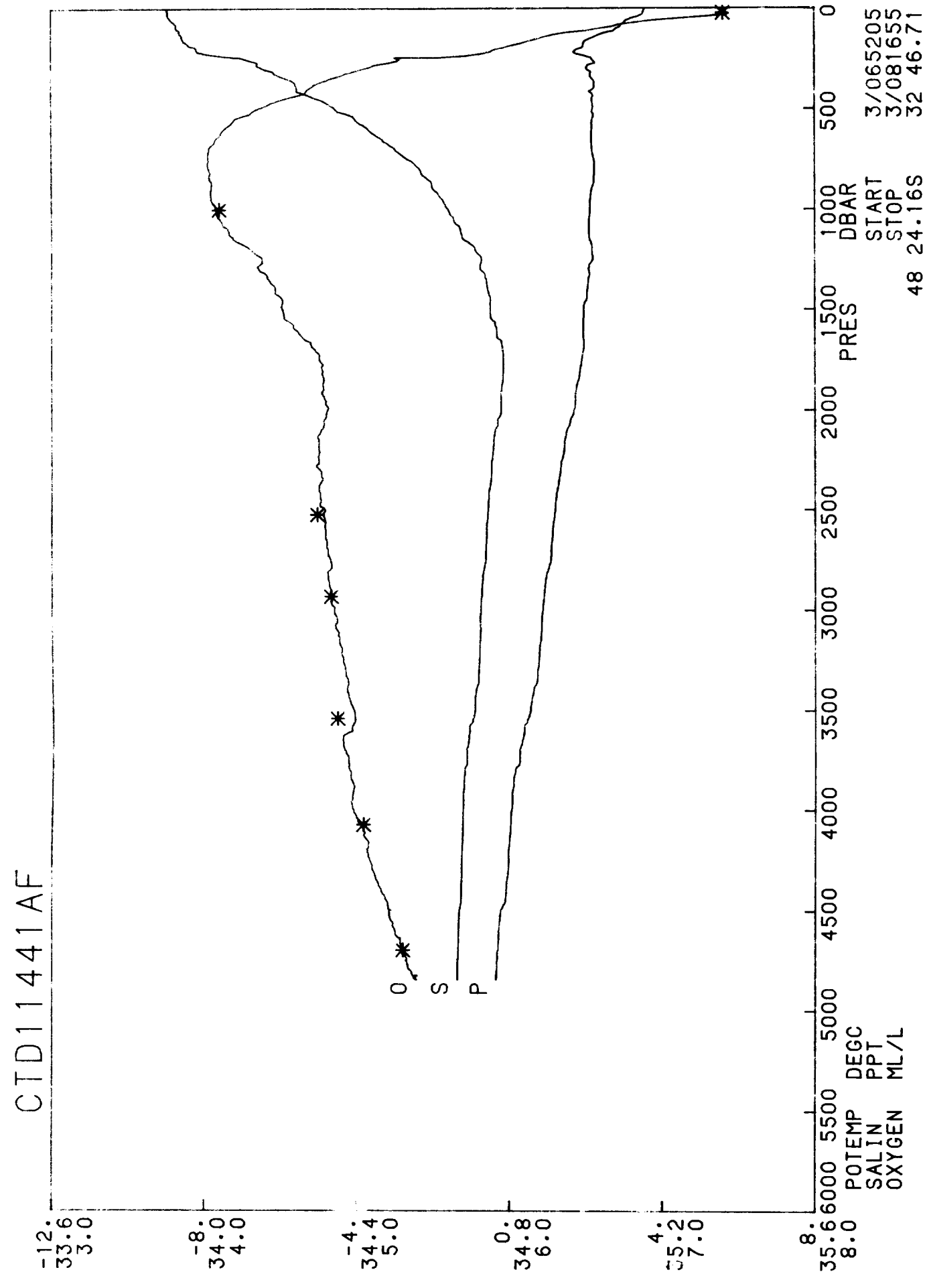
DISCOVERY 164 STATION 11440

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	5.535	33.874	7.02	5.534	26.720	35.751	44.382	0.013	1471.6	10.	131.47	-999.000
20.	5.533	33.874	6.91	5.531	26.720	35.752	44.383	0.026	1471.8	20.	131.54	0.434
40.	5.408	33.880	6.93	5.405	26.740	35.778	44.415	0.052	1471.6	40.	129.88	1.782
60.	5.323	33.883	6.74	5.318	26.753	35.795	44.435	0.078	1471.6	59.	128.94	1.404
80.	5.164	33.886	6.60	5.158	26.774	35.824	44.472	0.104	1471.3	79.	127.13	1.848
100.	5.013	33.889	6.49	5.005	26.794	35.852	44.507	0.129	1471.0	99.	125.41	1.803
120.	4.923	33.889	6.42	4.914	26.805	35.866	44.526	0.154	1471.0	119.	124.64	1.289
140.	4.611	33.896	6.38	4.601	26.844	35.922	44.596	0.179	1470.0	139.	120.99	2.537
160.	4.171	33.904	6.32	4.160	26.898	35.998	44.693	0.203	1468.5	159.	115.95	2.958
180.	4.000	33.922	6.26	3.988	26.930	36.038	44.742	0.225	1468.2	178.	113.03	2.275
200.	3.954	33.986	6.13	3.940	26.986	36.096	44.801	0.248	1468.4	198.	107.89	2.980
220.	4.186	34.081	5.94	4.171	27.037	36.134	44.826	0.269	1469.8	218.	103.38	2.799
240.	4.267	34.141	5.75	4.250	27.077	36.168	44.855	0.289	1470.5	238.	99.90	2.477
260.	4.238	34.156	5.61	4.220	27.092	36.185	44.873	0.309	1470.8	258.	98.62	1.571
280.	4.195	34.173	5.55	4.175	27.110	36.205	44.895	0.328	1470.9	277.	97.06	1.713
300.	4.144	34.178	5.51	4.122	27.119	36.217	44.910	0.348	1471.1	297.	96.37	1.218
320.	4.068	34.179	5.48	4.046	27.129	36.230	44.926	0.367	1471.1	317.	95.62	1.249
340.	4.017	34.180	5.45	3.993	27.135	36.239	44.938	0.386	1471.2	337.	95.17	1.040
360.	3.885	34.177	5.41	3.860	27.146	36.257	44.963	0.405	1471.0	357.	94.17	1.405
380.	3.801	34.179	5.37	3.775	27.156	36.271	44.981	0.424	1470.9	376.	93.36	1.282
400.	3.645	34.171	5.34	3.618	27.165	36.289	45.007	0.442	1470.6	396.	92.48	1.330
450.	3.588	34.202	5.21	3.558	27.196	36.323	45.042	0.488	1471.2	446.	89.93	1.408
500.	3.473	34.229	5.01	3.439	27.229	36.361	45.086	0.532	1471.6	495.	87.14	1.464
550.	3.282	34.245	4.90	3.245	27.260	36.402	45.137	0.575	1471.6	545.	84.33	1.465
600.	3.017	34.248	4.87	2.978	27.287	36.443	45.191	0.617	1471.3	594.	81.76	1.402
700.	2.802	34.291	4.63	2.758	27.341	36.508	45.267	0.696	1472.1	693.	77.02	1.348
800.	2.775	34.358	4.39	2.723	27.397	36.566	45.325	0.770	1473.7	792.	72.31	1.342
900.	2.632	34.400	4.27	2.575	27.444	36.619	45.385	0.840	1474.8	891.	68.30	1.250
1000.	2.614	34.466	4.12	2.549	27.499	36.675	45.441	0.906	1476.5	989.	63.76	1.319
1100.	2.601	34.529	4.07	2.529	27.551	36.726	45.493	0.968	1478.2	1088.	59.52	1.281
1200.	2.605	34.584	4.05	2.525	27.595	36.771	45.536	1.026	1479.9	1187.	55.99	1.186
1300.	2.628	34.635	4.10	2.540	27.635	36.808	45.572	1.081	1481.8	1285.	53.06	1.099
1400.	2.472	34.648	4.14	2.378	27.659	36.841	45.613	1.133	1482.8	1384.	50.88	0.975
1500.	2.539	34.699	4.23	2.436	27.695	36.873	45.641	1.183	1484.8	1482.	48.46	1.016
1600.	2.518	34.718	4.31	2.408	27.712	36.891	45.661	1.230	1486.4	1581.	47.38	0.764
1700.	2.459	34.735	4.37	2.341	27.732	36.914	45.687	1.277	1487.8	1679.	45.93	0.840
1800.	2.413	34.749	4.42	2.287	27.747	36.933	45.708	1.322	1489.3	1777.	44.88	0.753
1900.	2.367	34.760	4.49	2.234	27.761	36.949	45.727	1.367	1490.8	1876.	44.01	0.712
2000.	2.313	34.771	4.53	2.172	27.774	36.966	45.747	1.410	1492.3	1974.	43.05	0.729
2100.	2.230	34.775	4.59	2.082	27.785	36.981	45.766	1.453	1493.6	2072.	42.22	0.697
2200.	2.181	34.777	4.63	2.024	27.791	36.991	45.779	1.495	1495.1	2170.	41.88	0.559
2300.	2.113	34.777	4.66	1.949	27.797	37.001	45.793	1.537	1496.5	2268.	41.49	0.570
2400.	2.028	34.776	4.69	1.856	27.804	37.012	45.809	1.578	1497.8	2366.	40.86	0.633
2500.	1.956	34.775	4.73	1.777	27.809	37.022	45.823	1.618	1499.2	2464.	40.40	0.581
2600.	1.876	34.771	4.77	1.689	27.812	37.030	45.836	1.659	1500.5	2562.	40.03	0.551
2700.	1.653	34.760	4.81	1.461	27.820	37.051	45.869	1.698	1501.2	2660.	38.23	0.883
2800.	1.485	34.752	4.79	1.287	27.826	37.067	45.894	1.735	1502.2	2758.	36.86	0.785
2900.	1.449	34.749	4.81	1.243	27.827	37.071	45.900	1.772	1503.7	2856.	36.83	0.393
3000.	1.290	34.740	4.83	1.078	27.831	37.084	45.922	1.808	1504.7	2954.	35.63	0.739
3100.	1.124	34.731	4.82	0.906	27.836	37.098	45.946	1.843	1505.7	3052.	34.20	0.784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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 3/065205
STOP 3/081655
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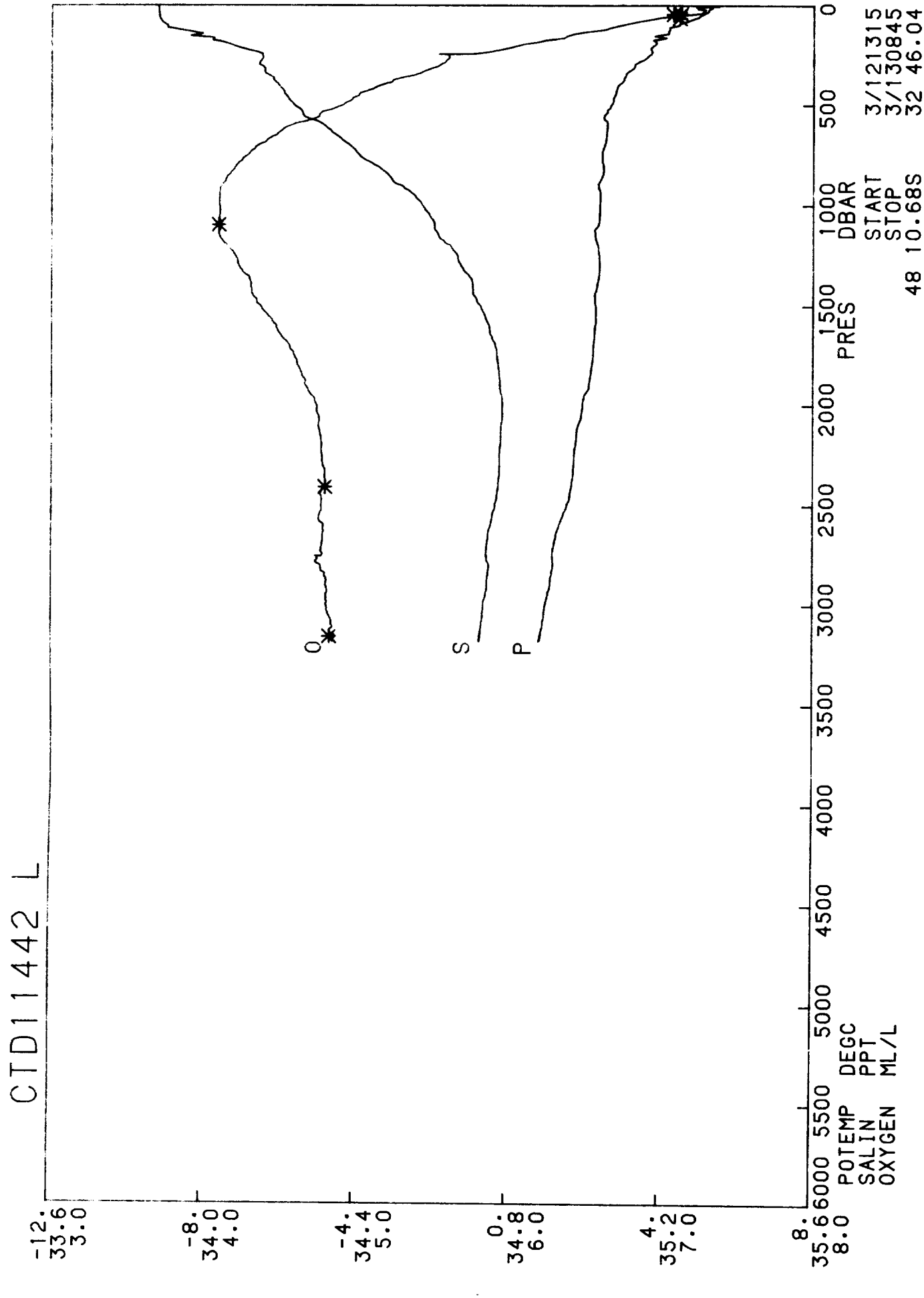
DISCOVERY 164 STATION 11441

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	3.525	33.906	7.40	3.524	26.963	36.096	44.822	0.011	1463.4	10.	108.39	-999.000
20.	3.505	33.906	7.38	3.504	26.965	36.099	44.826	0.022	1463.5	20.	108.25	0.846
40.	3.364	33.908	7.28	3.362	26.980	36.122	44.856	0.043	1463.2	40.	106.95	1.556
60.	3.056	33.916	6.93	3.052	27.015	36.173	44.923	0.064	1462.2	59.	103.72	2.372
80.	2.937	33.928	6.71	2.932	27.036	36.200	44.955	0.085	1462.0	79.	101.90	1.801
100.	2.799	33.930	6.58	2.793	27.049	36.220	44.983	0.105	1461.8	99.	100.73	1.470
120.	2.514	33.936	6.37	2.508	27.079	36.265	45.042	0.125	1460.9	119.	97.97	2.191
140.	2.240	33.943	6.23	2.233	27.106	36.308	45.099	0.144	1460.0	139.	95.34	2.131
160.	2.004	33.948	6.13	1.995	27.129	36.344	45.147	0.163	1459.3	159.	93.18	1.936
180.	1.950	33.961	6.02	1.940	27.144	36.361	45.167	0.182	1459.4	178.	91.83	1.544
200.	1.816	33.981	5.92	1.806	27.170	36.394	45.207	0.200	1459.2	198.	89.38	2.054
220.	1.740	33.998	5.84	1.729	27.189	36.418	45.234	0.218	1459.2	218.	87.58	1.765
240.	2.087	34.073	5.58	2.074	27.223	36.431	45.228	0.235	1461.2	238.	84.68	2.232
260.	2.228	34.126	5.26	2.213	27.254	36.454	45.243	0.251	1462.2	258.	81.94	2.177
280.	2.088	34.139	5.12	2.073	27.276	36.483	45.279	0.268	1461.9	277.	79.88	1.897
300.	2.055	34.158	5.04	2.039	27.294	36.503	45.300	0.283	1462.1	297.	78.25	1.691
320.	2.146	34.185	4.95	2.128	27.308	36.512	45.304	0.299	1462.9	317.	77.06	1.466
340.	2.155	34.204	4.87	2.136	27.323	36.526	45.318	0.314	1463.3	337.	75.73	1.541
360.	2.242	34.232	4.79	2.221	27.339	36.536	45.323	0.329	1464.0	357.	74.47	1.511
380.	2.250	34.240	4.72	2.229	27.344	36.541	45.328	0.344	1464.4	376.	74.06	0.922
400.	2.214	34.244	4.68	2.192	27.351	36.550	45.338	0.359	1464.6	396.	73.49	1.065
450.	2.188	34.296	4.52	2.163	27.395	36.594	45.383	0.395	1465.3	446.	69.60	1.665
500.	2.208	34.344	4.35	2.180	27.432	36.630	45.417	0.429	1466.3	495.	66.40	1.521
550.	2.201	34.397	4.20	2.169	27.475	36.672	45.459	0.461	1467.2	545.	62.61	1.646
600.	2.192	34.431	4.13	2.157	27.503	36.701	45.488	0.492	1468.0	594.	60.19	1.340
700.	2.213	34.501	4.03	2.171	27.558	36.754	45.539	0.549	1469.8	693.	55.59	1.311
800.	2.276	34.566	4.03	2.228	27.606	36.798	45.579	0.603	1471.8	792.	51.82	1.205
900.	2.204	34.603	4.05	2.149	27.641	36.837	45.621	0.654	1473.2	890.	48.88	1.085
1000.	2.167	34.640	4.08	2.105	27.675	36.872	45.659	0.701	1474.8	989.	46.17	1.045
1100.	2.157	34.672	4.16	2.088	27.702	36.900	45.686	0.746	1476.4	1088.	44.18	0.925
1200.	2.243	34.711	4.30	2.166	27.727	36.919	45.701	0.790	1478.5	1186.	42.70	0.830
1300.	2.150	34.724	4.36	2.067	27.746	36.944	45.730	0.832	1479.8	1285.	41.19	0.836
1400.	2.124	34.744	4.47	2.034	27.764	36.963	45.751	0.872	1481.4	1384.	39.96	0.775
1500.	2.038	34.750	4.52	1.940	27.776	36.981	45.774	0.912	1482.7	1482.	38.99	0.715
1600.	2.036	34.767	4.60	1.931	27.790	36.995	45.788	0.950	1484.4	1580.	38.18	0.673
1700.	2.047	34.782	4.72	1.935	27.803	37.007	45.800	0.988	1486.1	1679.	37.61	0.615
1800.	1.958	34.783	4.77	1.838	27.811	37.020	45.818	1.025	1487.4	1777.	36.92	0.641
1900.	1.861	34.778	4.78	1.734	27.815	37.030	45.833	1.062	1488.6	1875.	36.58	0.538
2000.	1.814	34.777	4.81	1.680	27.818	37.036	45.843	1.099	1490.1	1974.	36.48	0.448
2100.	1.632	34.762	4.76	1.493	27.820	37.049	45.865	1.135	1491.0	2072.	35.74	0.638
2200.	1.567	34.756	4.75	1.420	27.821	37.054	45.874	1.171	1492.4	2170.	35.72	0.395
2300.	1.479	34.753	4.76	1.325	27.824	37.063	45.888	1.206	1493.7	2268.	35.24	0.554
2400.	1.403	34.746	4.75	1.242	27.825	37.069	45.898	1.241	1495.0	2366.	35.03	0.456
2500.	1.349	34.743	4.79	1.180	27.827	37.074	45.907	1.276	1496.5	2464.	34.87	0.430
2600.	1.293	34.739	4.79	1.117	27.828	37.079	45.915	1.311	1497.9	2562.	34.70	0.431
2700.	1.263	34.737	4.81	1.079	27.829	37.082	45.920	1.346	1499.5	2660.	34.72	0.345
2800.	1.188	34.732	4.82	0.997	27.830	37.088	45.931	1.380	1500.8	2758.	34.36	0.496
2900.	1.099	34.726	4.83	0.900	27.832	37.095	45.943	1.414	1502.1	2856.	33.81	0.549
3000.	1.061	34.724	4.85	0.854	27.833	37.099	45.950	1.448	1503.7	2954.	33.65	0.409
3100.	1.036	34.723	4.87	0.820	27.835	37.103	45.955	1.482	1505.3	3051.	33.54	0.387
3200.	0.988	34.720	4.90	0.764	27.836	37.107	45.962	1.515	1506.8	3149.	33.31	0.429
3300.	0.950	34.718	4.93	0.717	27.837	37.111	45.969	1.548	1508.3	3247.	33.11	0.418
3400.	0.849	34.711	4.94	0.610	27.838	37.118	45.982	1.581	1509.6	3344.	32.37	0.596
3500.	0.773	34.707	4.98	0.525	27.840	37.125	45.994	1.613	1510.9	3442.	31.65	0.586
3600.	0.616	34.694	4.97	0.362	27.839	37.134	46.012	1.644	1511.9	3540.	30.49	0.698
3700.	0.503	34.686	4.92	0.243	27.840	37.141	46.026	1.674	1513.2	3637.	29.49	0.647
3800.	0.393	34.680	4.95	0.126	27.841	37.150	46.041	1.704	1514.4	3734.	28.38	0.674
3900.	0.330	34.677	4.97	0.055	27.843	37.156	46.051	1.732	1515.8	3832.	27.72	0.542
4000.	0.310	34.676	4.97	0.025	27.844	37.158	46.055	1.759	1517.5	3929.	27.52	0.361
4100.	0.294	34.675	5.04	-0.001	27.844	37.161	46.059	1.787	1519.1	4027.	27.34	0.348
4200.	0.260	34.674	5.07	-0.044	27.845	37.164	46.065	1.814	1520.7	4124.	26.96	0.441
4300.	0.258	34.673	5.11	-0.057	27.845	37.165	46.066	1.841	1522.4	4221.	27.00	0.222
4400.	0.220	34.672	5.16	-0.103	27.847	37.169	46.073	1.867	1524.0	4318.	26.52	0.475
4500.	0.081	34.667	5.21	-0.249	27.850	37.181	46.093	1.893	1525.1	4415.	24.68	0.835
4600.	0.041	34.665	5.25	-0.298	27.851	37.185	46.100	1.918	1526.7	4513.	24.15	0.483
4700	0.019	-999.000	5.30	-0.331	-999.000	-999.000	-999.000	-999.000	-999.0	4610.	-999.00	-999.000
4800.	0.006	34.662	5.35	-0.354	27.852	37.189	46.107	1.966	1530.0	4707.	23.68	0.362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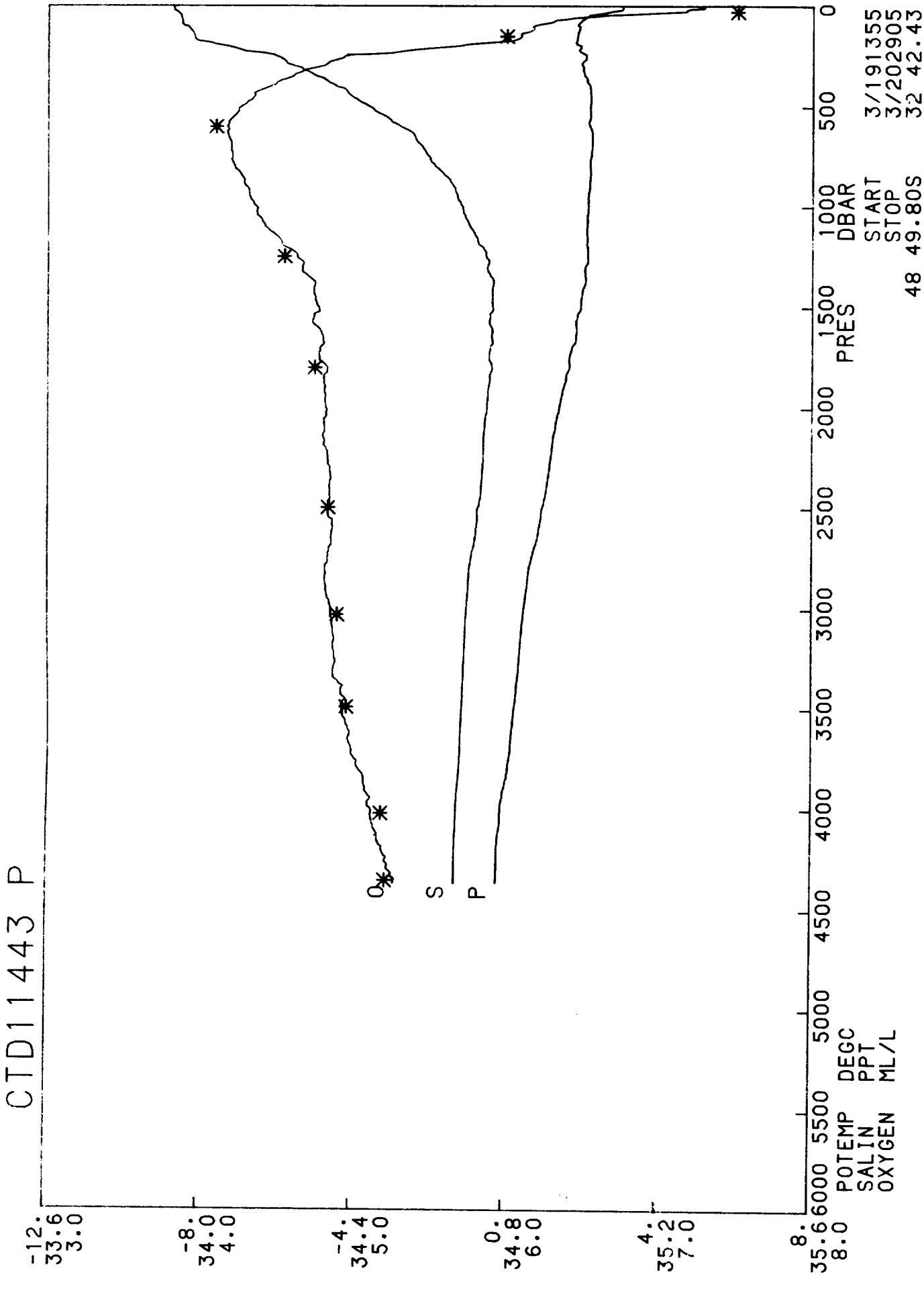
DISCOVERY 164 STATION 11442

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	5.332	33.881	7.25	5.331	26.750	35.791	44.431	0.013	1470.8	10.	128.60	-999.000
20.	5.255	33.881	7.28	5.253	26.759	35.804	44.447	0.026	1470.7	20.	127.89	1.665
40.	5.131	33.883	7.25	5.128	26.775	35.826	44.476	0.051	1470.5	40.	126.56	1.613
60.	4.957	33.884	7.00	4.953	26.796	35.856	44.514	0.076	1470.1	59.	124.76	1.839
80.	4.678	33.890	6.85	4.672	26.832	35.906	44.577	0.101	1469.3	79.	121.52	2.400
100.	4.432	33.905	6.72	4.425	26.871	35.957	44.639	0.125	1468.6	99.	118.04	2.480
120.	4.216	33.933	6.63	4.207	26.916	36.013	44.705	0.148	1468.1	119.	113.88	2.695
140.	4.194	33.995	6.43	4.184	26.968	36.065	44.758	0.170	1468.4	139.	109.14	2.869
160.	4.089	34.018	6.36	4.078	26.997	36.099	44.796	0.192	1468.3	159.	106.57	2.144
180.	3.868	34.045	6.19	3.856	27.042	36.155	44.863	0.213	1467.8	178.	102.43	2.685
200.	3.808	34.077	6.06	3.795	27.073	36.189	44.899	0.233	1467.9	198.	99.59	2.244
220.	3.748	34.112	5.95	3.733	27.107	36.225	44.938	0.252	1468.0	218.	96.58	2.306
240.	3.747	34.151	5.79	3.731	27.138	36.256	44.968	0.272	1468.4	238.	93.78	2.225
260.	3.626	34.155	5.61	3.609	27.153	36.277	44.996	0.290	1468.2	258.	92.46	1.580
280.	3.452	34.148	5.59	3.434	27.164	36.298	45.025	0.309	1467.8	277.	91.43	1.409
300.	3.317	34.150	5.54	3.297	27.179	36.320	45.054	0.327	1467.6	297.	90.09	1.579
320.	3.240	34.160	5.48	3.219	27.195	36.340	45.077	0.345	1467.6	317.	88.71	1.604
340.	3.102	34.162	5.42	3.081	27.209	36.361	45.105	0.362	1467.3	337.	87.39	1.564
360.	3.049	34.180	5.31	3.027	27.228	36.383	45.130	0.379	1467.4	357.	85.65	1.774
380.	3.008	34.186	5.24	2.985	27.237	36.394	45.143	0.397	1467.6	376.	84.92	1.204
400.	2.900	34.196	5.17	2.876	27.254	36.417	45.171	0.413	1467.5	396.	83.33	1.701
450.	2.806	34.215	5.02	2.778	27.278	36.446	45.204	0.454	1467.9	446.	81.31	1.254
500.	2.709	34.236	4.91	2.678	27.304	36.477	45.240	0.495	1468.3	495.	79.06	1.311
550.	2.546	34.261	4.76	2.513	27.338	36.519	45.291	0.533	1468.5	545.	75.93	1.515
600.	2.621	34.314	4.58	2.584	27.374	36.551	45.318	0.571	1469.7	594.	72.94	1.485
700.	2.552	34.382	4.36	2.509	27.435	36.614	45.384	0.641	1471.2	693.	67.76	1.394
800.	2.535	34.449	4.21	2.485	27.490	36.670	45.440	0.706	1472.8	792.	63.14	1.325
900.	2.413	34.515	4.12	2.357	27.554	36.740	45.515	0.767	1474.0	891.	57.48	1.449
1000.	2.452	34.574	4.11	2.389	27.599	36.781	45.554	0.822	1475.9	989.	54.04	1.165
1100.	2.407	34.606	4.12	2.337	27.629	36.814	45.589	0.875	1477.4	1088.	51.71	0.995
1200.	2.432	34.648	4.16	2.354	27.661	36.844	45.617	0.926	1479.3	1186.	49.41	0.989
1300.	2.474	34.676	4.23	2.388	27.680	36.862	45.633	0.975	1481.1	1285.	48.31	0.762
1400.	2.411	34.707	4.31	2.318	27.711	36.895	45.670	1.022	1482.6	1384.	45.86	1.019
1500.	2.392	34.727	4.37	2.291	27.729	36.915	45.690	1.067	1484.2	1482.	44.68	0.778
1600.	2.381	34.750	4.48	2.272	27.749	36.936	45.712	1.111	1485.8	1580.	43.39	0.804
1700.	2.341	34.766	4.56	2.224	27.766	36.955	45.733	1.154	1487.4	1679.	42.25	0.770
1800.	2.309	34.774	4.62	2.185	27.776	36.967	45.747	1.196	1488.9	1777.	41.77	0.604
1900.	2.242	34.779	4.67	2.110	27.786	36.980	45.764	1.237	1490.3	1876.	41.10	0.655
2000.	2.080	34.785	4.74	1.942	27.804	37.008	45.800	1.277	1491.3	1974.	39.14	0.928
2100.	1.973	34.781	4.76	1.828	27.810	37.020	45.818	1.316	1492.5	2072.	38.55	0.619
2200.	1.911	34.779	4.78	1.758	27.813	37.027	45.829	1.355	1493.9	2170.	38.34	0.495
2300.	1.873	34.777	4.79	1.712	27.816	37.032	45.837	1.393	1495.4	2268.	38.38	0.402
2400.	1.828	34.774	4.80	1.659	27.817	37.036	45.844	1.432	1496.9	2366.	38.44	0.387
2500.	1.709	34.765	4.77	1.533	27.819	37.046	45.860	1.470	1498.1	2464.	37.87	0.598
2600.	1.514	34.753	4.79	1.334	27.824	37.062	45.887	1.507	1498.9	2562.	36.53	0.780
2700.	1.384	34.744	4.78	1.197	27.826	37.072	45.905	1.543	1500.0	2660.	35.78	0.630
2800.	1.377	34.750	4.77	1.181	27.832	37.079	45.912	1.579	1501.7	2758.	35.53	0.470
2900.	1.300	34.745	4.80	1.097	27.834	37.085	45.923	1.614	1503.1	2856.	35.15	0.510
3000.	1.179	34.735	4.81	0.969	27.834	37.093	45.938	1.649	1504.2	2954.	34.47	0.597
3100.	1.114	34.730	4.84	0.896	27.835	37.099	45.947	1.683	1505.6	3052.	34.14	0.481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POTEMP DEGC
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STOP 3/202905
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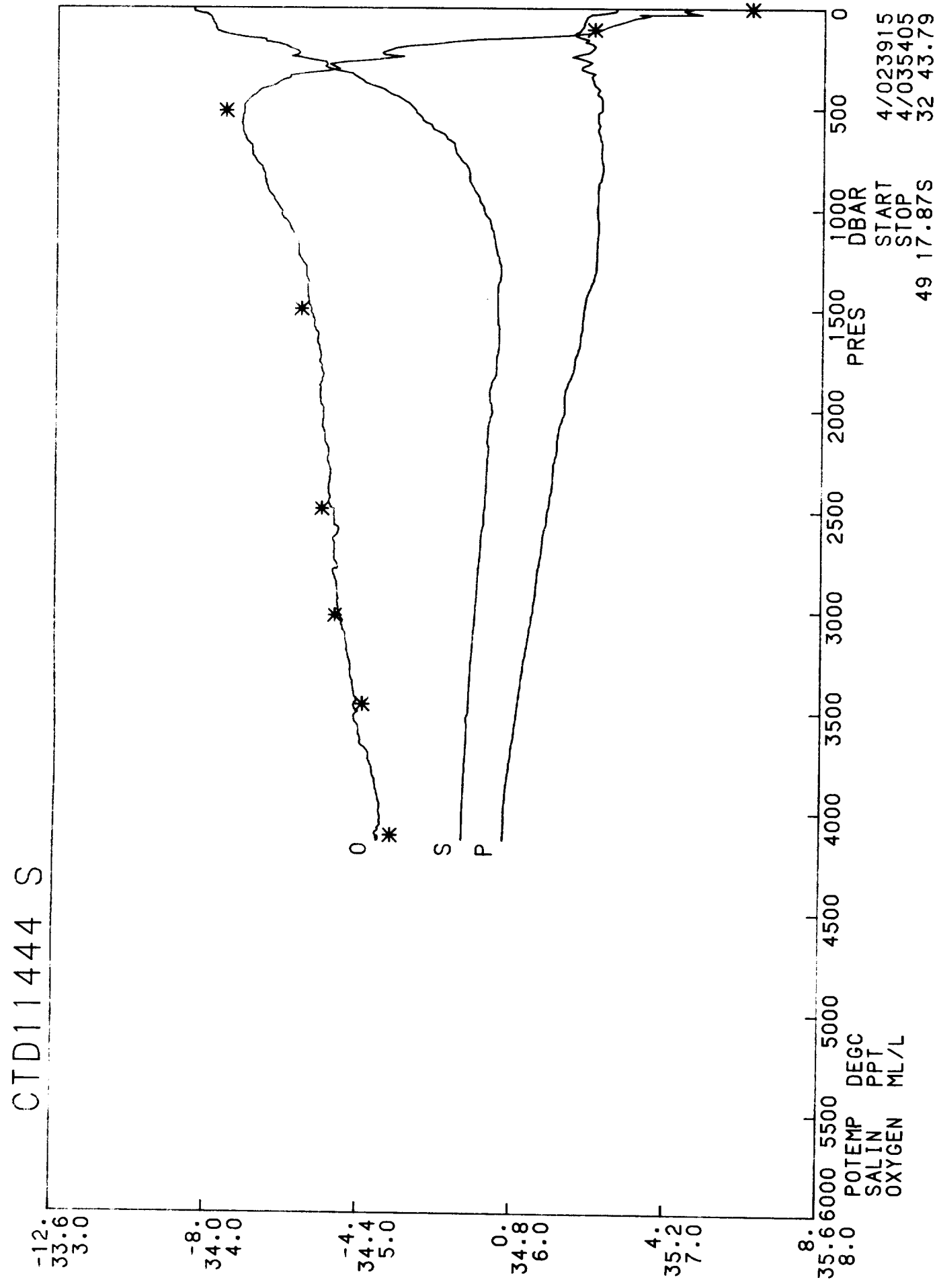
DISCOVERY 164 STATION 11443

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	3.030	33.929	7.29	3.029	27.027	36.186	44.936	0.010	1461.3	10.	102.26	-999.000
20.	2.978	33.930	7.17	2.977	27.033	36.195	44.948	0.020	1461.2	20.	101.75	1.384
40.	2.384	33.945	6.83	2.382	27.096	36.289	45.072	0.040	1459.0	40.	95.90	3.154
60.	2.057	33.949	6.43	2.053	27.126	36.337	45.137	0.059	1457.9	59.	93.11	2.191
80.	1.914	33.952	6.29	1.910	27.139	36.358	45.165	0.077	1457.6	79.	91.94	1.442
100.	1.887	33.961	6.17	1.882	27.149	36.369	45.178	0.096	1457.9	99.	91.06	1.266
120.	1.884	33.974	6.16	1.878	27.159	36.380	45.188	0.114	1458.2	119.	90.17	1.270
140.	1.848	33.982	6.09	1.841	27.168	36.391	45.201	0.132	1458.4	139.	89.36	1.210
160.	1.835	33.985	6.07	1.827	27.172	36.395	45.206	0.150	1458.6	159.	89.07	0.778
180.	1.805	34.020	5.92	1.796	27.202	36.427	45.239	0.167	1458.9	178.	86.27	2.190
200.	1.944	34.069	5.67	1.934	27.231	36.447	45.251	0.184	1459.9	198.	83.67	2.114
220.	1.904	34.109	5.37	1.892	27.266	36.483	45.289	0.201	1460.1	218.	80.46	2.345
240.	2.049	34.182	5.11	2.036	27.313	36.522	45.319	0.216	1461.1	238.	76.14	2.712
260.	2.083	34.211	4.92	2.069	27.334	36.540	45.335	0.231	1461.7	258.	74.34	1.777
280.	1.989	34.224	4.84	1.974	27.352	36.563	45.363	0.246	1461.6	277.	72.66	1.719
300.	2.003	34.249	4.79	1.987	27.371	36.581	45.379	0.260	1462.0	297.	70.97	1.725
320.	2.008	34.272	4.68	1.990	27.389	36.599	45.397	0.274	1462.4	317.	69.33	1.702
340.	2.042	34.294	4.62	2.024	27.404	36.612	45.407	0.288	1462.9	337.	68.04	1.523
360.	2.112	34.321	4.57	2.092	27.420	36.623	45.415	0.302	1463.6	357.	66.69	1.554
380.	2.134	34.335	4.50	2.113	27.430	36.632	45.423	0.315	1464.0	376.	65.86	1.242
400.	2.200	34.356	4.45	2.177	27.442	36.640	45.427	0.328	1464.7	396.	64.93	1.310
450.	2.221	34.396	4.35	2.196	27.472	36.669	45.454	0.360	1465.6	446.	62.36	1.378
500.	2.207	34.442	4.26	2.179	27.511	36.707	45.493	0.390	1466.4	495.	59.00	1.557
550.	2.220	34.486	4.21	2.188	27.545	36.740	45.525	0.419	1467.4	545.	56.06	1.466
600.	2.218	34.525	4.17	2.183	27.577	36.771	45.556	0.446	1468.2	594.	53.36	1.411
700.	2.265	34.580	4.20	2.223	27.618	36.809	45.590	0.498	1470.2	693.	50.15	1.123
800.	2.231	34.616	4.22	2.183	27.650	36.843	45.626	0.547	1471.7	792.	47.64	1.015
900.	2.215	34.663	4.30	2.160	27.689	36.883	45.666	0.593	1473.4	890.	44.50	1.116
1000.	2.191	34.685	4.36	2.129	27.709	36.904	45.689	0.636	1474.9	989.	43.07	0.817
1100.	2.164	34.706	4.42	2.096	27.729	36.925	45.711	0.679	1476.5	1088.	41.75	0.795
1200.	2.194	34.738	4.55	2.118	27.752	36.947	45.731	0.720	1478.3	1186.	40.18	0.848
1300.	2.146	34.751	4.66	2.063	27.767	36.965	45.751	0.759	1479.8	1285.	39.21	0.720
1400.	2.111	34.765	4.74	2.020	27.782	36.981	45.770	0.798	1481.3	1383.	38.26	0.712
1500.	2.042	34.766	4.77	1.944	27.789	36.993	45.785	0.836	1482.7	1482.	37.85	0.567
1600.	1.947	34.762	4.77	1.843	27.794	37.003	45.801	0.874	1484.0	1580.	37.49	0.546
1700.	1.823	34.759	4.78	1.713	27.801	37.018	45.823	0.911	1485.1	1679.	36.76	0.646
1800.	1.769	34.764	4.83	1.652	27.810	37.030	45.838	0.947	1486.5	1777.	36.14	0.609
1900.	1.614	34.754	4.81	1.492	27.813	37.043	45.859	0.983	1487.5	1875.	35.48	0.615
2000.	1.512	34.750	4.83	1.382	27.818	37.054	45.876	1.018	1488.7	1974.	34.87	0.593
2100.	1.416	34.744	4.81	1.280	27.821	37.062	45.890	1.053	1490.0	2072.	34.50	0.511
2200.	1.343	34.742	4.82	1.200	27.824	37.070	45.902	1.087	1491.4	2170.	34.09	0.516
2300.	1.284	34.739	4.85	1.134	27.827	37.077	45.912	1.121	1492.8	2268.	33.82	0.468
2400.	1.214	34.736	4.85	1.056	27.829	37.083	45.923	1.155	1494.2	2366.	33.47	0.487
2500.	1.108	34.727	4.84	0.945	27.829	37.090	45.936	1.188	1495.4	2464.	33.04	0.511
2600.	1.030	34.723	4.87	0.860	27.832	37.097	45.948	1.221	1496.7	2562.	32.58	0.515
2700.	0.917	34.715	4.84	0.740	27.833	37.106	45.963	1.253	1497.9	2660.	31.88	0.581
2800.	0.786	34.705	4.82	0.603	27.834	37.114	45.979	1.285	1499.0	2758.	31.09	0.601
2900.	0.736	34.702	4.82	0.545	27.835	37.119	45.987	1.316	1500.5	2856.	30.78	0.437
3000.	0.668	34.698	4.86	0.470	27.836	37.124	45.996	1.346	1501.9	2954.	30.35	0.478
3100.	0.626	34.695	4.87	0.420	27.837	37.128	46.003	1.377	1503.4	3051.	30.09	0.407
3200.	0.588	34.693	4.87	0.373	27.837	37.131	46.009	1.406	1504.9	3149.	29.84	0.400
3300.	0.556	34.691	4.87	0.333	27.838	37.135	46.014	1.436	1506.5	3247.	29.64	0.376
3400.	0.511	34.688	4.92	0.279	27.839	37.138	46.021	1.466	1508.0	3344.	29.29	0.436
3500.	0.458	34.685	4.93	0.219	27.840	37.144	46.029	1.495	1509.5	3442.	28.79	0.490
3600.	0.412	34.683	4.97	0.164	27.841	37.148	46.037	1.523	1511.0	3539.	28.39	0.451
3700.	0.385	34.681	4.99	0.128	27.842	37.150	46.041	1.552	1512.6	3637.	28.17	0.376
3800.	0.323	34.679	5.04	0.058	27.844	37.156	46.051	1.579	1514.1	3734.	27.48	0.545
3900.	0.227	34.675	5.08	-0.045	27.846	37.165	46.065	1.606	1515.4	3832.	26.39	0.658
4000.	0.156	34.672	5.12	-0.125	27.848	37.172	46.077	1.632	1516.8	3929.	25.53	0.591
4100.	0.136	34.671	5.15	-0.154	27.849	37.174	46.081	1.658	1518.4	4026.	25.30	0.359
4200.	0.097	34.669	5.20	-0.202	27.850	37.178	46.087	1.683	1520.0	4124.	24.82	0.466
4300.	0.100	34.669	5.25	-0.209	27.850	37.179	46.088	1.708	1521.7	4221.	24.86	0.188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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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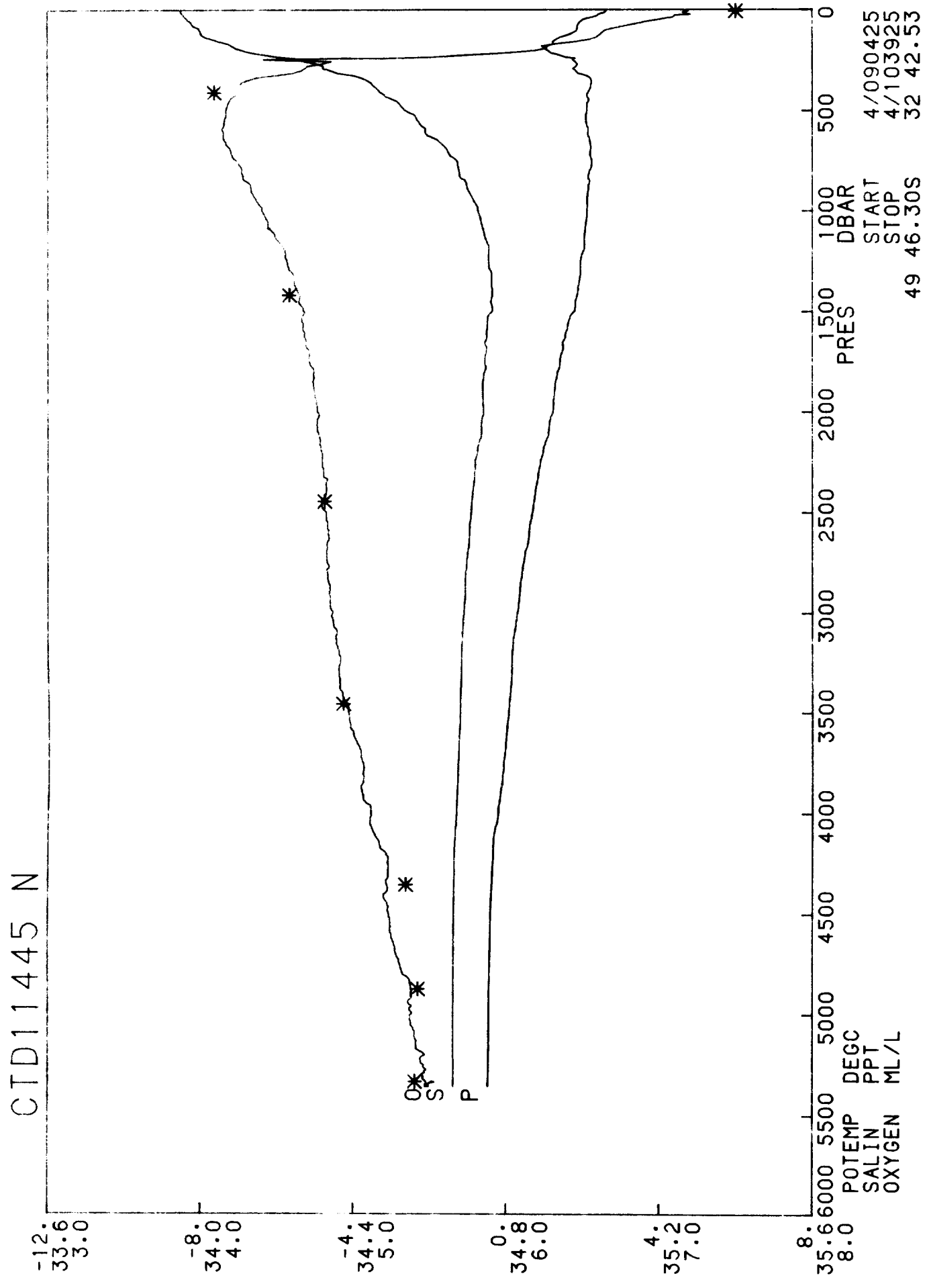
DISCOVERY 164 STATION 11444

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	2.569	33.955	7.09	2.569	27.088	36.271	45.044	0.010	1459.4	10.	96.48	-999.000
20.	2.384	33.961	7.13	2.383	27.109	36.302	45.084	0.019	1458.7	20.	94.59	2.545
40.	1.825	33.996	6.84	1.823	27.180	36.404	45.215	0.037	1456.7	40.	87.81	3.382
60.	1.759	34.003	6.72	1.756	27.191	36.418	45.232	0.055	1456.7	59.	86.88	1.294
80.	1.717	34.009	6.63	1.713	27.199	36.428	45.245	0.072	1456.8	79.	86.18	1.128
100.	1.669	34.013	6.56	1.664	27.206	36.438	45.257	0.089	1457.0	99.	85.56	1.072
120.	1.559	34.022	6.49	1.553	27.222	36.460	45.285	0.106	1456.8	119.	84.12	1.584
140.	1.554	34.065	6.21	1.547	27.257	36.494	45.319	0.123	1457.2	139.	80.88	2.346
160.	1.837	34.142	5.71	1.829	27.298	36.518	45.327	0.139	1458.9	159.	77.17	2.509
180.	1.946	34.176	5.47	1.937	27.316	36.530	45.333	0.154	1459.7	178.	75.55	1.687
200.	1.996	34.204	5.22	1.986	27.335	36.546	45.345	0.169	1460.3	198.	73.92	1.694
220.	1.880	34.229	5.13	1.869	27.364	36.581	45.386	0.183	1460.1	218.	71.19	2.169
240.	1.509	34.219	5.19	1.497	27.383	36.621	45.446	0.197	1458.8	238.	69.19	1.858
260.	1.771	34.260	5.07	1.758	27.397	36.620	45.430	0.211	1460.4	258.	68.15	1.360
280.	1.878	34.302	4.80	1.864	27.423	36.639	45.443	0.224	1461.2	277.	65.86	1.994
300.	1.688	34.303	4.82	1.673	27.439	36.665	45.479	0.237	1460.7	297.	64.33	1.639
320.	1.879	34.344	4.72	1.862	27.457	36.672	45.476	0.250	1461.9	317.	62.85	1.615
340.	1.957	34.376	4.52	1.939	27.477	36.687	45.486	0.263	1462.6	337.	61.12	1.742
360.	1.991	34.394	4.48	1.972	27.489	36.697	45.494	0.275	1463.1	357.	60.13	1.345
380.	2.024	34.411	4.43	2.003	27.499	36.706	45.501	0.287	1463.6	376.	59.25	1.281
400.	2.125	34.443	4.36	2.103	27.517	36.718	45.507	0.298	1464.4	396.	57.78	1.621
450.	2.222	34.495	4.26	2.196	27.552	36.746	45.530	0.326	1465.8	446.	54.91	1.446
500.	2.244	34.530	4.22	2.215	27.578	36.771	45.553	0.353	1466.7	495.	52.77	1.273
550.	2.135	34.552	4.21	2.104	27.604	36.803	45.591	0.379	1467.1	545.	50.38	1.334
600.	2.151	34.581	4.21	2.116	27.627	36.824	45.611	0.404	1468.0	594.	48.57	1.179
700.	2.243	34.639	4.27	2.201	27.666	36.858	45.639	0.451	1470.1	693.	45.59	1.089
800.	2.295	34.674	4.34	2.246	27.690	36.879	45.658	0.495	1472.1	792.	43.98	0.856
900.	2.167	34.688	4.37	2.113	27.713	36.909	45.694	0.539	1473.2	890.	42.14	0.900
1000.	2.158	34.715	4.46	2.097	27.735	36.932	45.717	0.580	1474.8	989.	40.57	0.846
1100.	2.199	34.737	4.53	2.130	27.751	36.945	45.728	0.620	1476.7	1088.	39.81	0.667
1200.	2.166	34.748	4.58	2.090	27.763	36.959	45.744	0.660	1478.2	1186.	39.12	0.649
1300.	2.154	34.760	4.63	2.071	27.774	36.971	45.757	0.698	1479.9	1285.	38.59	0.609
1400.	1.991	34.752	4.64	1.902	27.781	36.987	45.782	0.737	1480.8	1383.	37.90	0.643
1500.	1.864	34.752	4.66	1.769	27.791	37.005	45.807	0.774	1481.9	1482.	36.93	0.705
1600.	1.822	34.757	4.69	1.720	27.799	37.015	45.820	0.811	1483.4	1580.	36.51	0.554
1700.	1.730	34.754	4.72	1.622	27.804	37.026	45.836	0.847	1484.7	1679.	36.07	0.556
1800.	1.618	34.749	4.73	1.503	27.809	37.038	45.854	0.883	1485.8	1777.	35.50	0.585
1900.	1.413	34.732	4.72	1.293	27.810	37.051	45.878	0.918	1486.6	1875.	34.77	0.623
2000.	1.408	34.739	4.75	1.280	27.816	37.058	45.886	0.952	1488.3	1974.	34.50	0.471
2100.	1.254	34.728	4.75	1.121	27.818	37.069	45.905	0.987	1489.3	2072.	33.79	0.603
2200.	1.217	34.729	4.78	1.076	27.823	37.076	45.915	1.020	1490.8	2170.	33.48	0.472
2300.	1.128	34.726	4.80	0.980	27.826	37.085	45.929	1.053	1492.1	2268.	32.93	0.549
2400.	1.093	34.724	4.78	0.938	27.827	37.088	45.935	1.086	1493.6	2366.	32.87	0.359
2500.	0.999	34.719	4.82	0.837	27.830	37.097	45.949	1.119	1494.9	2464.	32.27	0.556
2600.	0.916	34.713	4.85	0.748	27.831	37.103	45.960	1.151	1496.2	2562.	31.85	0.490
2700.	0.858	34.709	4.82	0.682	27.832	37.108	45.968	1.183	1497.6	2660.	31.54	0.443
2800.	0.772	34.704	4.81	0.589	27.834	37.115	45.981	1.214	1498.9	2758.	30.98	0.530
2900.	0.729	34.701	4.84	0.539	27.834	37.119	45.987	1.245	1500.5	2856.	30.78	0.390
3000.	0.674	34.697	4.85	0.476	27.835	37.123	45.995	1.275	1501.9	2953.	30.44	0.442
3100.	0.582	34.692	4.89	0.376	27.837	37.131	46.008	1.305	1503.2	3051.	29.68	0.580
3200.	0.500	34.689	4.91	0.287	27.839	37.138	46.020	1.335	1504.5	3149.	28.94	0.568
3300.	0.425	34.685	4.93	0.205	27.841	37.145	46.031	1.363	1505.9	3247.	28.27	0.540
3400.	0.353	34.681	4.95	0.126	27.842	37.151	46.042	1.391	1507.3	3344.	27.59	0.542
3500.	0.294	34.679	4.97	0.059	27.844	37.157	46.052	1.418	1508.8	3442.	26.96	0.522
3600.	0.233	34.675	4.98	-0.011	27.845	37.161	46.060	1.445	1510.2	3539.	26.41	0.490
3700.	0.158	34.673	5.05	-0.093	27.847	37.169	46.072	1.471	1511.6	3637.	25.55	0.588
3800.	0.098	34.670	5.08	-0.161	27.848	37.174	46.081	1.496	1513.0	3734.	24.84	0.536
3900.	0.045	34.668	5.11	-0.222	27.850	37.179	46.090	1.521	1514.5	3832.	24.22	0.505
4000.	0.020	34.666	5.12	-0.257	27.850	37.181	46.094	1.545	1516.1	3929.	23.98	0.352
4100.	0.026	34.666	5.10	-0.261	27.850	37.182	46.095	1.569	1517.9	4026.	23.99	0.189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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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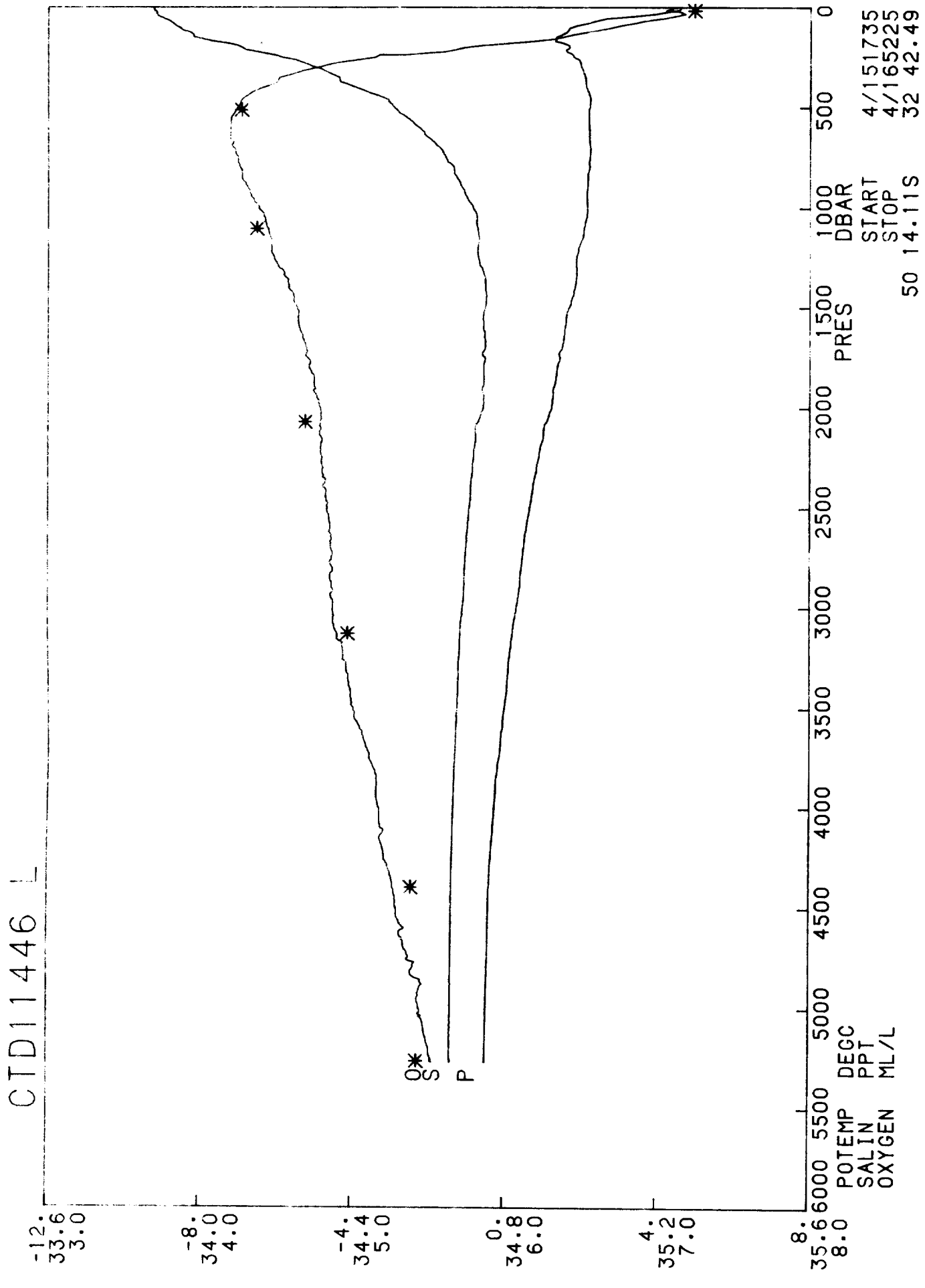
START 4/090425
STOP 4/103925
49 46.30S 32 42.53

DISCOVERY 164 STATION 11445

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	2.592	33.948	7.17	2.592	27.081	36.263	45.035	0.010	1459.5	10.	97.13	-999.000
20.	2.454	33.953	7.18	2.453	27.097	36.286	45.066	0.019	1459.0	20.	95.69	2.232
40.	2.194	33.962	7.06	2.192	27.125	36.328	45.121	0.038	1458.2	40.	93.12	2.108
60.	1.929	33.973	6.91	1.926	27.155	36.373	45.179	0.057	1457.4	59.	90.32	2.191
80.	1.856	33.981	6.78	1.852	27.167	36.389	45.199	0.075	1457.4	79.	89.26	1.378
100.	1.843	33.998	6.66	1.838	27.181	36.404	45.214	0.092	1457.7	99.	87.98	1.499
120.	1.677	34.003	6.61	1.671	27.197	36.429	45.248	0.110	1457.3	119.	86.44	1.640
140.	1.376	34.019	6.57	1.370	27.232	36.480	45.315	0.127	1456.3	139.	83.13	2.373
160.	1.226	34.053	6.44	1.219	27.269	36.526	45.368	0.143	1456.0	159.	79.60	2.442
180.	1.082	34.082	6.23	1.074	27.303	36.567	45.416	0.159	1455.8	178.	76.41	2.321
200.	1.085	34.107	6.20	1.076	27.322	36.586	45.435	0.174	1456.1	198.	74.58	1.767
220.	1.298	34.154	5.86	1.288	27.346	36.597	45.433	0.188	1457.5	218.	72.52	1.875
240.	1.757	34.235	5.22	1.745	27.378	36.602	45.413	0.203	1459.9	238.	69.84	2.141
260.	1.830	34.282	4.84	1.816	27.411	36.630	45.436	0.216	1460.6	258.	66.92	2.237
280.	1.834	34.321	4.70	1.819	27.442	36.660	45.466	0.229	1461.0	277.	64.08	2.211
300.	1.816	34.338	4.66	1.800	27.457	36.676	45.482	0.242	1461.3	297.	62.74	1.542
320.	2.002	34.379	4.54	1.984	27.475	36.684	45.480	0.254	1462.5	317.	61.20	1.651
340.	2.218	34.425	4.35	2.198	27.495	36.690	45.475	0.266	1463.8	337.	59.66	1.652
360.	2.245	34.446	4.27	2.224	27.510	36.703	45.487	0.278	1464.3	357.	58.41	1.512
380.	2.222	34.456	4.25	2.200	27.520	36.715	45.499	0.290	1464.6	376.	57.53	1.284
400.	2.179	34.467	4.24	2.156	27.532	36.729	45.516	0.301	1464.7	396.	56.42	1.423
450.	2.173	34.511	4.19	2.148	27.568	36.765	45.551	0.329	1465.6	446.	53.29	1.509
500.	2.129	34.537	4.17	2.101	27.593	36.792	45.580	0.355	1466.2	495.	51.16	1.264
550.	2.118	34.569	4.15	2.086	27.620	36.819	45.607	0.380	1467.0	545.	48.93	1.294
600.	2.172	34.589	4.14	2.137	27.631	36.827	45.613	0.404	1468.1	594.	48.19	0.821
700.	2.233	34.646	4.20	2.191	27.673	36.865	45.647	0.450	1470.1	693.	44.93	1.130
800.	2.223	34.677	4.27	2.175	27.699	36.891	45.673	0.494	1471.8	792.	43.06	0.905
900.	2.184	34.701	4.33	2.130	27.722	36.917	45.701	0.537	1473.3	890.	41.34	0.874
1000.	2.160	34.726	4.40	2.099	27.745	36.941	45.726	0.577	1474.9	989.	39.72	0.857
1100.	2.116	34.741	4.46	2.048	27.760	36.959	45.746	0.616	1476.3	1088.	38.68	0.732
1200.	2.078	34.754	4.55	2.003	27.774	36.975	45.765	0.654	1477.9	1186.	37.78	0.698
1300.	2.015	34.760	4.59	1.933	27.785	36.989	45.783	0.692	1479.3	1285.	37.13	0.631
1400.	1.950	34.763	4.63	1.862	27.793	37.002	45.799	0.729	1480.6	1383.	36.60	0.594
1500.	1.858	34.762	4.68	1.763	27.799	37.014	45.816	0.765	1481.9	1482.	36.13	0.573
1600.	1.656	34.748	4.68	1.556	27.804	37.030	45.843	0.801	1482.7	1580.	35.34	0.653
1700.	1.552	34.747	4.71	1.446	27.811	37.043	45.862	0.836	1483.9	1679.	34.62	0.623
1800.	1.439	34.742	4.74	1.327	27.816	37.054	45.880	0.870	1485.0	1777.	34.03	0.581
1900.	1.364	34.738	4.74	1.245	27.818	37.061	45.891	0.904	1486.4	1875.	33.80	0.453
2000.	1.331	34.740	4.76	1.205	27.823	37.068	45.900	0.938	1487.9	1973.	33.52	0.472
2100.	1.226	34.734	4.76	1.093	27.826	37.078	45.915	0.971	1489.1	2072.	33.00	0.545
2200.	1.088	34.724	4.79	0.950	27.827	37.087	45.933	1.003	1490.2	2170.	32.39	0.564
2300.	0.974	34.716	4.80	0.829	27.829	37.096	45.948	1.036	1491.4	2268.	31.78	0.556
2400.	0.897	34.711	4.82	0.746	27.830	37.102	45.959	1.067	1492.7	2366.	31.40	0.472
2500.	0.831	34.707	4.82	0.673	27.831	37.108	45.969	1.098	1494.1	2464.	31.05	0.454
2600.	0.747	34.703	4.83	0.582	27.833	37.115	45.981	1.129	1495.4	2562.	30.50	0.522
2700.	0.655	34.698	4.82	0.483	27.835	37.123	45.994	1.159	1496.7	2660.	29.84	0.549
2800.	0.577	34.692	4.83	0.399	27.836	37.128	46.004	1.189	1498.0	2758.	29.37	0.481
2900.	0.525	34.691	4.84	0.339	27.838	37.134	46.013	1.218	1499.5	2856.	28.89	0.480
3000.	0.470	34.688	4.86	0.277	27.839	37.139	46.022	1.247	1501.0	2953.	28.49	0.447
3100.	0.399	34.684	4.89	0.198	27.840	37.145	46.032	1.275	1502.4	3051.	27.91	0.507
3200.	0.348	34.682	4.90	0.139	27.842	37.150	46.040	1.303	1503.8	3149.	27.42	0.473
3300.	0.344	34.681	4.90	0.126	27.842	37.150	46.041	1.330	1505.5	3246.	27.49	0.177
3400.	0.315	34.679	4.92	0.089	27.842	37.153	46.046	1.357	1507.1	3344.	27.25	0.372
3500.	0.280	34.678	4.97	0.045	27.844	37.157	46.053	1.385	1508.7	3442.	26.88	0.422
3600.	0.231	34.675	5.00	-0.012	27.845	37.162	46.061	1.411	1510.2	3539.	26.37	0.479
3700.	0.194	34.673	5.05	-0.058	27.846	37.165	46.066	1.437	1511.7	3637.	26.01	0.413
3800.	0.151	34.671	5.06	-0.110	27.847	37.169	46.074	1.463	1513.3	3734.	25.52	0.467
3900.	0.094	34.669	5.05	-0.175	27.848	37.175	46.083	1.488	1514.8	3831.	24.85	0.524
4000.	0.049	34.668	5.11	-0.229	27.850	37.180	46.091	1.513	1516.3	3929.	24.26	0.496
4100.	-0.047	34.664	5.14	-0.331	27.852	37.188	46.105	1.537	1517.6	4026.	23.06	0.673
4200.	-0.064	34.663	5.21	-0.358	27.852	37.190	46.108	1.559	1519.2	4123.	22.85	0.331
4300.	-0.083	34.662	5.22	-0.387	27.853	37.192	46.112	1.582	1520.9	4221.	22.55	0.373
4400.	-0.091	34.662	5.19	-0.405	27.854	37.194	46.115	1.605	1522.6	4318.	22.38	0.305
4500.	-0.102	34.661	5.23	-0.426	27.854	37.195	46.118	1.627	1524.3	4415.	22.24	0.294
4600.	-0.098	34.661	5.25	-0.433	27.854	37.196	46.119	1.649	1526.1	4512.	22.22	0.212
4700.	-0.098	34.661	5.28	-0.444	27.855	37.197	46.120	1.671	1527.8	4609.	22.18	0.237
4800.	-0.100	34.660	5.32	-0.457	27.855	37.198	46.122	1.693	1529.6	4706.	22.11	0.255
4900.	-0.097	34.660	5.37	-0.465	27.855	37.199	46.124	1.716	1531.3	4803.	22.11	0.211
5000.	-0.089	34.660	5.37	-0.469	27.855	37.199	46.124	1.738	1533.1	4900.	22.21	0.097
5100.	-0.078	34.660	5.40	-0.469	27.855	37.199	46.124	1.760	1534.9	4997.	22.33	0.078
5200.	-0.070	34.659	5.46	-0.473	27.855	37.199	46.124	1.782	1536.7	5094.	22.44	0.106
5300.	-0.066	34.661	5.45	-0.481	27.856	37.201	46.126	1.805	1538.5	5190.	22.37	0.277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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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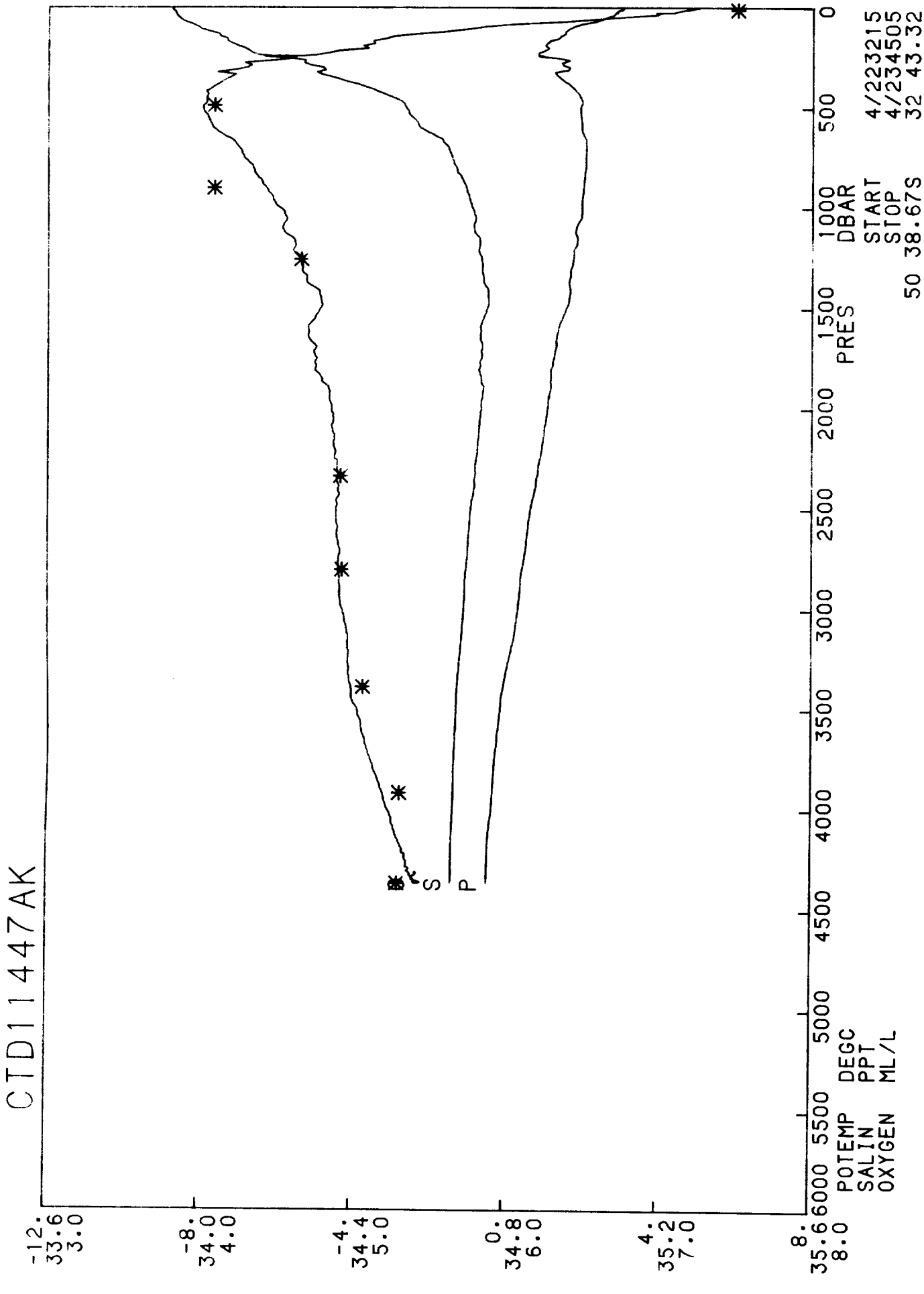
START 4/151735
STOP 4/165225
50 14.11S 32 42.49

DISCOVERY 164 STATION 11446

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	4.574	33.878	7.09	4.573	26.833	35.912	44.588	0.012	1467.7	10.	120.73	-999.000
20.	4.345	33.883	7.11	4.344	26.862	35.953	44.639	0.024	1466.9	20.	118.06	3.036
40.	3.628	33.888	7.14	3.625	26.938	36.066	44.788	0.047	1464.3	40.	110.90	3.495
60.	2.585	33.908	7.00	2.582	27.050	36.233	45.006	0.068	1460.2	59.	100.37	4.218
80.	2.169	33.927	6.85	2.165	27.099	36.305	45.099	0.088	1458.7	79.	95.71	2.816
100.	1.741	33.943	6.71	1.736	27.145	36.374	45.190	0.106	1457.2	99.	91.40	2.706
120.	1.624	33.962	6.58	1.618	27.168	36.404	45.226	0.124	1457.0	119.	89.17	1.955
140.	1.444	33.981	6.43	1.438	27.197	36.442	45.274	0.142	1456.6	139.	86.47	2.146
160.	1.327	34.007	6.31	1.320	27.226	36.477	45.315	0.159	1456.4	159.	83.72	2.160
180.	1.523	34.069	6.03	1.515	27.262	36.501	45.327	0.175	1457.7	178.	80.50	2.339
200.	1.688	34.107	5.75	1.678	27.281	36.510	45.327	0.191	1458.8	198.	78.86	1.685
220.	1.622	34.140	5.62	1.611	27.312	36.545	45.365	0.207	1458.9	218.	75.92	2.242
240.	1.781	34.196	5.17	1.769	27.345	36.568	45.379	0.222	1460.0	238.	73.00	2.235
260.	1.913	34.240	5.06	1.899	27.371	36.586	45.389	0.236	1461.0	258.	70.72	1.984
280.	1.985	34.274	4.89	1.970	27.392	36.603	45.402	0.250	1461.6	277.	68.84	1.816
300.	2.015	34.301	4.77	1.999	27.412	36.620	45.417	0.264	1462.1	297.	67.14	1.729
320.	2.056	34.328	4.66	2.039	27.431	36.636	45.431	0.277	1462.7	317.	65.47	1.715
340.	2.100	34.351	4.58	2.081	27.446	36.649	45.441	0.290	1463.2	337.	64.20	1.514
360.	2.121	34.366	4.51	2.101	27.455	36.657	45.448	0.303	1463.7	357.	63.39	1.234
380.	2.129	34.378	4.49	2.108	27.465	36.666	45.456	0.315	1464.0	376.	62.62	1.207
400.	2.153	34.406	4.42	2.131	27.485	36.685	45.474	0.328	1464.5	396.	60.79	1.796
450.	2.255	34.479	4.29	2.230	27.536	36.729	45.511	0.357	1465.9	446.	56.44	1.757
500.	2.233	34.509	4.24	2.204	27.562	36.756	45.539	0.385	1466.6	495.	54.21	1.296
550.	2.221	34.542	4.20	2.189	27.589	36.784	45.567	0.411	1467.5	545.	51.90	1.313
600.	2.239	34.574	4.20	2.204	27.614	36.807	45.589	0.437	1468.4	594.	49.92	1.231
700.	2.275	34.628	4.22	2.233	27.655	36.845	45.625	0.485	1470.3	693.	46.72	1.124
800.	2.260	34.666	4.26	2.211	27.687	36.878	45.658	0.530	1471.9	792.	44.23	1.013
900.	2.204	34.688	4.31	2.149	27.710	36.904	45.687	0.574	1473.3	890.	42.51	0.877
1000.	2.208	34.717	4.39	2.146	27.733	36.927	45.710	0.615	1475.1	989.	40.91	0.854
1100.	2.132	34.728	4.44	2.063	27.749	36.947	45.734	0.656	1476.4	1088.	39.77	0.757
1200.	1.996	34.728	4.47	1.922	27.760	36.965	45.760	0.695	1477.5	1186.	38.87	0.693
1300.	1.958	34.739	4.52	1.877	27.773	36.981	45.777	0.733	1479.0	1285.	38.03	0.676
1400.	1.918	34.749	4.58	1.830	27.784	36.995	45.794	0.771	1480.5	1383.	37.30	0.645
1500.	1.768	34.748	4.64	1.674	27.795	37.014	45.821	0.808	1481.5	1482.	36.18	0.736
1600.	1.671	34.744	4.65	1.571	27.799	37.024	45.837	0.844	1482.7	1580.	35.80	0.532
1700.	1.600	34.748	4.70	1.493	27.809	37.038	45.855	0.879	1484.1	1679.	35.03	0.639
1800.	1.478	34.745	4.72	1.365	27.815	37.052	45.875	0.914	1485.2	1777.	34.27	0.631
1900.	1.388	34.741	4.76	1.269	27.819	37.061	45.889	0.948	1486.5	1875.	33.86	0.521
2000.	1.345	34.743	4.79	1.219	27.824	37.069	45.900	0.982	1488.0	1973.	33.47	0.508
2100.	1.149	34.723	4.79	1.018	27.822	37.078	45.920	1.015	1488.8	2072.	32.93	0.547
2200.	1.058	34.720	4.79	0.920	27.825	37.088	45.935	1.047	1490.1	2170.	32.32	0.562
2300.	0.973	34.715	4.81	0.829	27.828	37.095	45.948	1.080	1491.4	2268.	31.83	0.516
2400.	0.883	34.710	4.82	0.732	27.830	37.103	45.960	1.111	1492.6	2366.	31.32	0.518
2500.	0.803	34.707	4.83	0.645	27.832	37.110	45.973	1.142	1494.0	2464.	30.77	0.522
2600.	0.726	34.702	4.85	0.561	27.834	37.117	45.984	1.173	1495.3	2562.	30.28	0.499
2700.	0.660	34.698	4.86	0.488	27.835	37.122	45.993	1.203	1496.7	2660.	29.91	0.447
2800.	0.611	34.695	4.87	0.431	27.836	37.126	46.000	1.232	1498.2	2758.	29.63	0.412
2900.	0.569	34.693	4.86	0.382	27.837	37.131	46.008	1.262	1499.7	2855.	29.29	0.429
3000.	0.493	34.688	4.87	0.299	27.838	37.137	46.018	1.291	1501.1	2953.	28.74	0.504
3100.	0.413	34.684	4.88	0.212	27.839	37.143	46.029	1.319	1502.4	3051.	28.10	0.529
3200.	0.360	34.682	4.94	0.151	27.841	37.148	46.038	1.347	1503.9	3149.	27.58	0.486
3300.	0.307	34.679	4.96	0.090	27.842	37.153	46.046	1.374	1505.4	3246.	27.11	0.463
3400.	0.278	34.677	4.99	0.053	27.843	37.156	46.051	1.401	1507.0	3344.	26.89	0.360
3500.	0.218	34.674	5.01	-0.015	27.844	37.161	46.060	1.428	1508.4	3441.	26.25	0.516
3600.	0.175	34.673	5.05	-0.066	27.845	37.166	46.067	1.454	1509.9	3539.	25.79	0.453
3700.	0.128	34.671	5.10	-0.122	27.847	37.170	46.075	1.479	1511.4	3636.	25.27	0.475
3800.	0.066	34.668	5.14	-0.192	27.848	37.176	46.085	1.504	1512.9	3734.	24.57	0.531
3900.	0.029	34.667	5.16	-0.238	27.849	37.180	46.091	1.529	1514.5	3831.	24.08	0.457
4000.	0.006	34.665	5.18	-0.270	27.850	37.182	46.096	1.552	1516.1	3929.	23.80	0.362
4100.	-0.016	34.664	5.19	-0.301	27.851	37.185	46.100	1.576	1517.7	4026.	23.50	0.377
4200.	-0.043	34.664	5.20	-0.338	27.852	37.188	46.105	1.599	1519.3	4123.	23.12	0.412
4300.	-0.070	34.662	5.24	-0.374	27.853	37.191	46.110	1.622	1521.0	4220.	22.74	0.412
4400.	-0.082	34.662	5.27	-0.396	27.853	37.193	46.114	1.645	1522.6	4318.	22.53	0.330
4500.	-0.083	34.661	5.29	-0.408	27.853	37.194	46.115	1.667	1524.4	4415.	22.49	0.229
4600.	-0.082	34.662	5.35	-0.418	27.854	37.195	46.117	1.690	1526.1	4512.	22.43	0.249
4700.	-0.080	34.661	5.35	-0.427	27.854	37.196	46.118	1.712	1527.9	4609.	22.43	0.198
4800.	-0.084	34.661	5.40	-0.441	27.854	37.197	46.120	1.735	1529.6	4706.	22.37	0.259
4900.	-0.087	34.660	5.44	-0.456	27.855	37.198	46.122	1.757	1531.4	4803.	22.25	0.290
5000.	-0.088	34.660	5.45	-0.467	27.855	37.199	46.124	1.779	1533.1	4900.	22.24	0.230
5100.	-0.085	34.659	5.48	-0.476	27.855	37.200	46.124	1.801	1534.9	4997.	22.27	0.191
5200.	-0.082	34.659	5.51	-0.484	27.855	37.200	46.125	1.824	1536.7	5093.	22.30	0.196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PRES
DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 4/223215
STOP 4/234505
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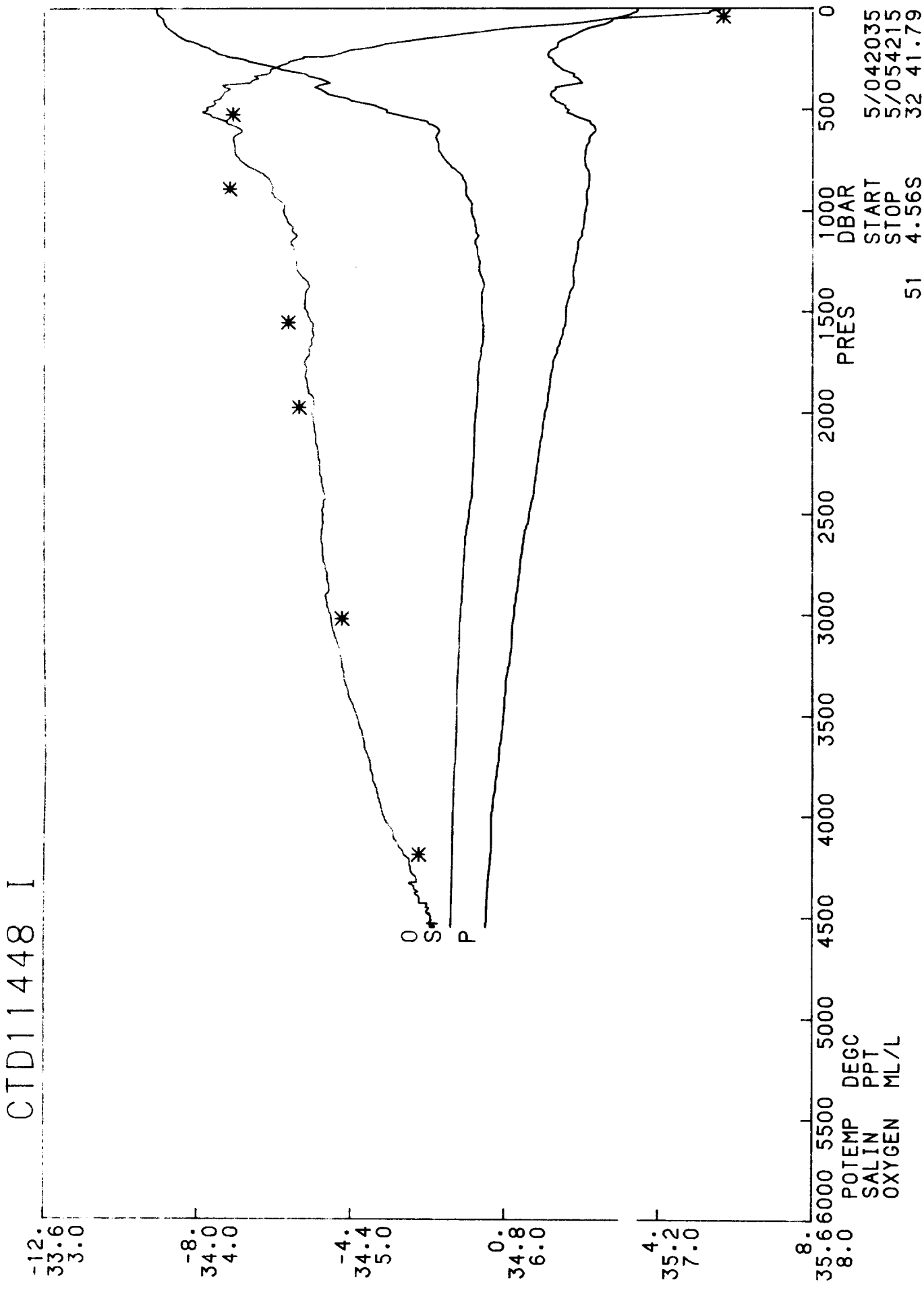
DISCOVERY 164 STATION 11447

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	3.001	33.926	7.19	3.000	27.028	36.188	44.940	0.010	1461.2	10.	102.18	-999.000
20.	2.868	33.933	7.11	2.866	27.045	36.213	44.971	0.020	1460.8	20.	100.62	2.327
40.	2.740	33.938	6.90	2.738	27.060	36.235	45.000	0.040	1460.6	40.	99.29	1.556
60.	2.464	33.949	6.54	2.460	27.093	36.282	45.061	0.060	1459.7	59.	96.26	2.287
80.	2.007	33.974	6.11	2.003	27.149	36.363	45.165	0.079	1458.1	79.	90.94	3.006
100.	1.689	33.995	5.81	1.684	27.191	36.422	45.240	0.096	1457.0	99.	87.04	2.575
120.	1.531	34.025	5.59	1.525	27.226	36.465	45.291	0.114	1456.7	119.	83.74	2.367
140.	1.427	34.050	5.29	1.420	27.253	36.498	45.330	0.130	1456.6	139.	81.14	2.104
160.	1.240	34.068	5.16	1.233	27.281	36.536	45.377	0.146	1456.1	159.	78.50	2.120
180.	1.043	34.084	5.12	1.035	27.307	36.573	45.424	0.161	1455.6	178.	76.02	2.051
200.	1.092	34.112	5.09	1.083	27.326	36.589	45.437	0.176	1456.2	198.	74.27	1.725
220.	0.895	34.131	4.86	0.886	27.354	36.628	45.487	0.191	1455.6	218.	71.51	2.159
240.	0.933	34.175	4.68	0.922	27.387	36.658	45.514	0.205	1456.2	238.	68.48	2.262
260.	1.607	34.267	4.51	1.594	27.415	36.646	45.465	0.219	1459.6	258.	66.37	1.899
280.	1.470	34.278	4.31	1.456	27.434	36.673	45.499	0.232	1459.4	277.	64.54	1.782
300.	1.644	34.321	4.28	1.629	27.456	36.684	45.500	0.244	1460.5	297.	62.69	1.789
320.	1.279	34.304	4.11	1.264	27.468	36.717	45.553	0.257	1459.2	317.	61.28	1.568
340.	1.363	34.335	4.21	1.346	27.487	36.731	45.562	0.269	1460.0	337.	59.61	1.701
360.	1.491	34.371	4.15	1.473	27.507	36.744	45.568	0.281	1460.9	357.	57.87	1.737
380.	1.649	34.412	4.11	1.629	27.529	36.756	45.571	0.292	1462.0	376.	56.09	1.756
400.	1.769	34.444	4.07	1.748	27.546	36.766	45.574	0.303	1462.9	396.	54.72	1.562
450.	1.964	34.510	4.04	1.939	27.584	36.792	45.589	0.330	1464.6	446.	51.60	1.495
500.	1.951	34.538	4.02	1.923	27.608	36.817	45.614	0.355	1465.4	495.	49.54	1.242
550.	1.977	34.557	4.05	1.947	27.621	36.829	45.624	0.380	1466.4	545.	48.56	0.904
600.	2.002	34.578	4.09	1.968	27.636	36.842	45.636	0.404	1467.4	594.	47.43	0.961
700.	2.121	34.648	4.25	2.080	27.684	36.882	45.669	0.449	1469.6	693.	43.72	1.191
800.	2.113	34.669	4.34	2.065	27.702	36.900	45.688	0.492	1471.3	792.	42.54	0.758
900.	2.058	34.695	4.43	2.004	27.727	36.929	45.720	0.533	1472.7	890.	40.55	0.921
1000.	2.026	34.712	4.52	1.965	27.743	36.947	45.740	0.573	1474.3	989.	39.47	0.735
1100.	1.885	34.715	4.53	1.818	27.758	36.970	45.770	0.612	1475.3	1088.	38.22	0.768
1200.	1.851	34.728	4.61	1.778	27.771	36.985	45.787	0.650	1476.8	1186.	37.35	0.674
1300.	1.765	34.737	4.67	1.686	27.785	37.004	45.810	0.687	1478.1	1285.	36.22	0.736
1400.	1.757	34.751	4.75	1.670	27.798	37.017	45.824	0.723	1479.8	1383.	35.44	0.648
1500.	1.657	34.750	4.78	1.565	27.804	37.030	45.842	0.758	1481.0	1482.	34.87	0.585
1600.	1.463	34.734	4.71	1.365	27.806	37.043	45.866	0.792	1481.8	1580.	34.30	0.579
1700.	1.397	34.737	4.75	1.292	27.814	37.055	45.882	0.826	1483.2	1678.	33.64	0.593
1800.	1.278	34.729	4.75	1.168	27.816	37.064	45.898	0.860	1484.3	1777.	33.20	0.522
1900.	1.280	34.740	4.84	1.162	27.826	37.074	45.908	0.893	1486.0	1875.	32.66	0.547
2000.	1.205	34.736	4.86	1.080	27.828	37.080	45.919	0.925	1487.4	1973.	32.39	0.457
2100.	1.131	34.729	4.86	1.000	27.828	37.085	45.928	0.958	1488.7	2071.	32.25	0.401
2200.	1.078	34.725	4.88	0.939	27.829	37.090	45.936	0.990	1490.2	2170.	32.15	0.373
2300.	0.981	34.719	4.89	0.836	27.830	37.097	45.949	1.022	1491.4	2268.	31.65	0.521
2400.	0.916	34.716	4.90	0.764	27.833	37.104	45.960	1.053	1492.8	2366.	31.25	0.479
2500.	0.803	34.708	4.89	0.645	27.833	37.111	45.974	1.084	1494.0	2464.	30.67	0.535
2600.	0.740	34.704	4.90	0.575	27.835	37.117	45.983	1.114	1495.4	2562.	30.32	0.448
2700.	0.689	34.700	4.91	0.516	27.835	37.121	45.990	1.145	1496.9	2660.	30.07	0.405
2800.	0.606	34.696	4.90	0.426	27.837	37.128	46.002	1.174	1498.2	2757.	29.46	0.531
2900.	0.561	34.693	4.91	0.374	27.838	37.132	46.009	1.204	1499.7	2855.	29.18	0.404
3000.	0.516	34.690	4.93	0.322	27.839	37.136	46.016	1.233	1501.2	2953.	28.90	0.406
3100.	0.451	34.686	4.96	0.249	27.839	37.141	46.025	1.261	1502.6	3051.	28.40	0.483
3200.	0.354	34.682	4.97	0.145	27.842	37.149	46.039	1.289	1503.9	3149.	27.48	0.610
3300.	0.241	34.678	4.97	0.026	27.845	37.159	46.056	1.316	1505.1	3246.	26.33	0.668
3400.	0.152	34.673	4.99	-0.070	27.846	37.166	46.068	1.342	1506.4	3344.	25.46	0.585
3500.	0.094	34.671	5.03	-0.136	27.848	37.172	46.078	1.367	1507.8	3441.	24.81	0.515
3600.	0.044	34.669	5.06	-0.195	27.849	37.177	46.086	1.392	1509.3	3539.	24.23	0.484
3700.	-0.007	34.666	5.10	-0.253	27.850	37.181	46.093	1.416	1510.8	3636.	23.71	0.463
3800.	-0.048	34.664	5.14	-0.302	27.850	37.185	46.100	1.439	1512.4	3734.	23.22	0.445
3900.	-0.064	34.664	5.19	-0.328	27.852	37.188	46.104	1.462	1514.0	3831.	22.92	0.367
4000.	-0.090	34.663	5.23	-0.363	27.852	37.190	46.109	1.485	1515.6	3928.	22.61	0.373
4100.	-0.140	34.661	5.28	-0.422	27.854	37.195	46.117	1.507	1517.2	4026.	21.93	0.514
4200.	-0.158	34.660	5.33	-0.450	27.854	37.197	46.121	1.529	1518.8	4123.	21.63	0.361
4300.	-0.162	34.660	5.36	-0.463	27.855	37.199	46.123	1.550	1520.5	4220.	21.52	0.261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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 5/042035
STOP 5/054215
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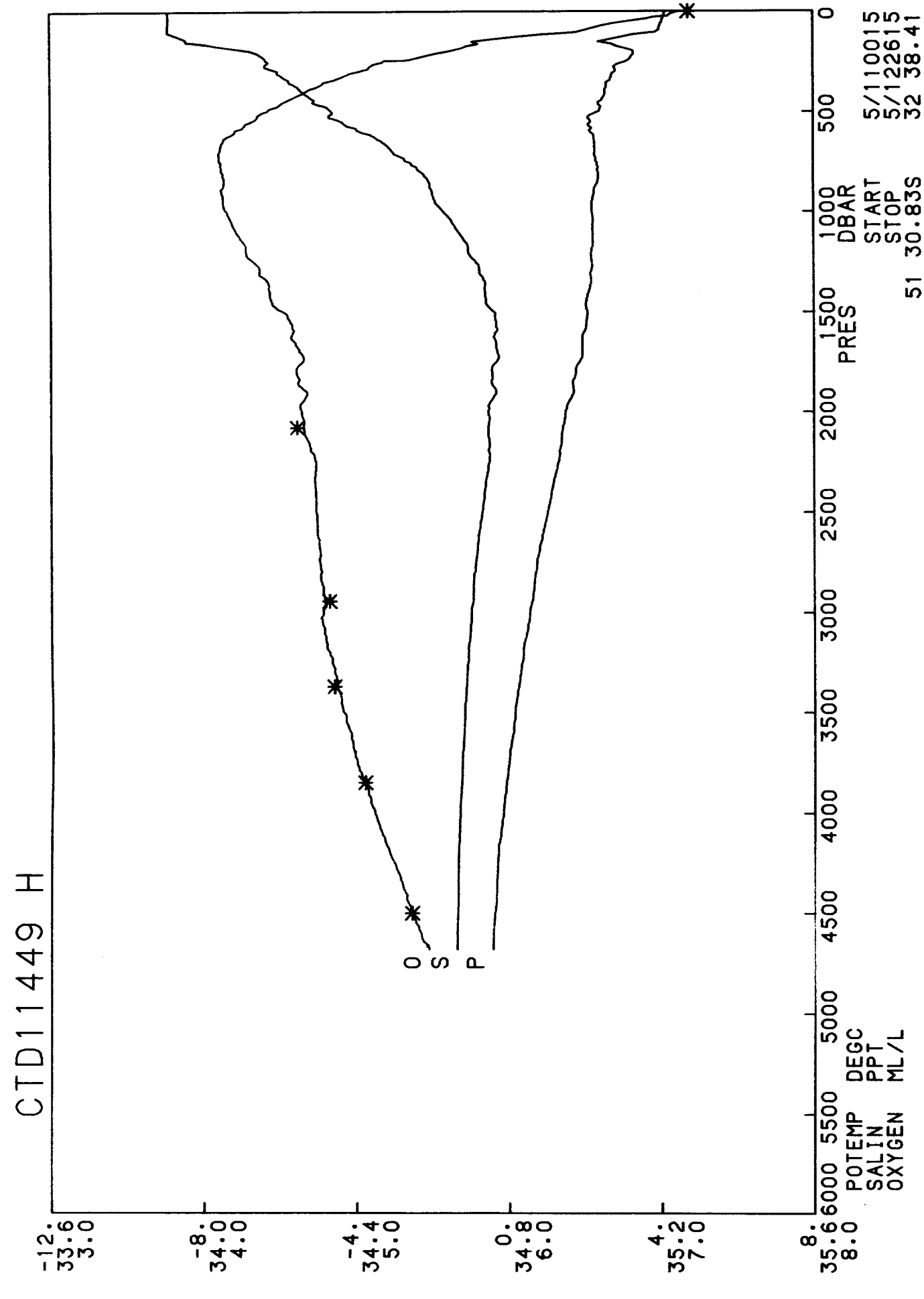
DISCOVERY 164 STATION 11448

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	3.438	33.893	7.36	3.438	26.961	36.098	44.829	0.011	1463.0	10.	108.57	-999.00
20.	3.371	33.895	7.33	3.370	26.969	36.110	44.844	0.022	1462.9	20.	107.90	1.578
40.	3.088	33.902	6.97	3.086	27.001	36.157	44.905	0.043	1462.0	40.	104.95	2.270
60.	2.789	33.911	6.61	2.785	27.035	36.207	44.970	0.064	1461.1	59.	101.83	2.325
80.	2.590	33.915	6.39	2.586	27.055	36.238	45.011	0.084	1460.5	79.	100.00	1.802
100.	2.163	33.924	6.02	2.157	27.097	36.304	45.098	0.103	1459.0	99.	95.98	2.620
120.	1.920	33.938	5.81	1.914	27.128	36.347	45.154	0.122	1458.3	119.	93.14	2.206
140.	1.723	33.952	5.61	1.716	27.153	36.383	45.200	0.141	1457.8	139.	90.73	2.037
160.	1.456	33.974	5.38	1.449	27.190	36.435	45.266	0.158	1457.0	159.	87.19	2.451
180.	1.369	34.004	5.21	1.361	27.220	36.469	45.305	0.176	1456.9	178.	84.33	2.205
200.	1.282	34.031	5.07	1.273	27.248	36.502	45.342	0.192	1456.9	198.	81.68	2.121
220.	1.139	34.049	4.94	1.129	27.273	36.534	45.381	0.208	1456.6	218.	79.36	1.985
240.	1.143	34.078	4.82	1.132	27.295	36.556	45.402	0.224	1457.0	238.	77.25	1.894
260.	1.261	34.129	4.62	1.248	27.329	36.582	45.421	0.239	1457.9	258.	74.23	2.263
280.	1.345	34.171	4.56	1.331	27.357	36.605	45.439	0.254	1458.7	277.	71.70	2.076
300.	1.477	34.212	4.49	1.462	27.380	36.620	45.447	0.268	1459.6	297.	69.64	1.883
320.	1.719	34.266	4.47	1.703	27.401	36.627	45.440	0.282	1461.1	317.	67.92	1.729
340.	1.822	34.295	4.37	1.804	27.422	36.641	45.449	0.295	1461.9	337.	66.18	1.742
360.	1.976	34.332	4.35	1.956	27.440	36.651	45.449	0.308	1463.0	357.	64.68	1.628
380.	1.695	34.321	4.19	1.675	27.452	36.678	45.492	0.321	1462.1	376.	63.35	1.540
400.	1.330	34.316	4.21	1.310	27.474	36.721	45.554	0.333	1460.8	396.	60.92	2.040
450.	1.310	34.393	4.14	1.287	27.538	36.785	45.618	0.362	1461.6	446.	55.07	2.003
500.	1.646	34.486	4.06	1.620	27.589	36.815	45.629	0.389	1464.0	495.	50.93	1.701
550.	2.071	34.571	4.15	2.040	27.624	36.826	45.617	0.414	1466.8	545.	48.39	1.359
600.	2.389	34.627	4.28	2.353	27.644	36.828	45.602	0.438	1469.1	594.	47.32	0.950
700.	2.139	34.628	4.24	2.098	27.666	36.863	45.650	0.484	1469.7	693.	45.42	0.910
800.	2.206	34.672	4.37	2.157	27.696	36.890	45.673	0.528	1471.7	792.	43.22	0.961
900.	2.185	34.698	4.48	2.130	27.719	36.914	45.698	0.570	1473.3	890.	41.62	0.853
1000.	2.148	34.713	4.56	2.087	27.735	36.932	45.718	0.612	1474.8	989.	40.59	0.729
1100.	2.064	34.724	4.61	1.997	27.751	36.953	45.743	0.652	1476.1	1088.	39.39	0.766
1200.	1.939	34.729	4.62	1.865	27.765	36.974	45.771	0.690	1477.2	1186.	38.21	0.757
1300.	1.849	34.734	4.65	1.769	27.776	36.991	45.793	0.728	1478.5	1285.	37.30	0.687
1400.	1.784	34.741	4.71	1.697	27.788	37.006	45.811	0.765	1479.9	1383.	36.49	0.660
1500.	1.672	34.740	4.71	1.579	27.796	37.021	45.833	0.801	1481.1	1482.	35.71	0.645
1600.	1.600	34.744	4.75	1.501	27.805	37.034	45.850	0.837	1482.4	1580.	35.02	0.618
1700.	1.451	34.737	4.73	1.346	27.811	37.048	45.873	0.871	1483.4	1678.	34.20	0.644
1800.	1.317	34.731	4.70	1.206	27.815	37.061	45.893	0.905	1484.5	1777.	33.49	0.607
1900.	1.248	34.728	4.72	1.131	27.818	37.068	45.904	0.938	1485.9	1875.	33.18	0.471
2000.	1.158	34.723	4.74	1.034	27.821	37.076	45.918	0.971	1487.1	1973.	32.77	0.504
2100.	1.095	34.720	4.76	0.965	27.823	37.082	45.927	1.004	1488.5	2071.	32.51	0.442
2200.	1.014	34.719	4.78	0.876	27.828	37.093	45.942	1.036	1489.9	2170.	31.82	0.579
2300.	0.949	34.716	4.79	0.805	27.830	37.099	45.952	1.068	1491.3	2268.	31.52	0.447
2400.	0.893	34.714	4.83	0.742	27.833	37.105	45.962	1.099	1492.7	2366.	31.12	0.475
2500.	0.785	34.706	4.81	0.627	27.833	37.112	45.975	1.130	1493.9	2464.	30.58	0.521
2600.	0.668	34.699	4.81	0.504	27.835	37.121	45.991	1.160	1495.1	2562.	29.82	0.583
2700.	0.600	34.694	4.81	0.429	27.835	37.126	46.000	1.190	1496.4	2660.	29.42	0.455
2800.	0.545	34.691	4.84	0.367	27.836	37.131	46.009	1.219	1497.9	2757.	29.06	0.438
2900.	0.477	34.688	4.83	0.292	27.838	37.137	46.019	1.248	1499.3	2855.	28.51	0.499
3000.	0.428	34.684	4.86	0.236	27.839	37.141	46.026	1.276	1500.8	2953.	28.19	0.411
3100.	0.376	34.681	4.89	0.175	27.839	37.145	46.033	1.304	1502.3	3051.	27.82	0.428
3200.	0.342	34.679	4.93	0.134	27.840	37.148	46.039	1.332	1503.8	3148.	27.54	0.389
3300.	0.260	34.676	4.95	0.044	27.842	37.156	46.052	1.359	1505.2	3246.	26.68	0.587
3400.	0.216	34.674	4.98	-0.008	27.844	37.160	46.059	1.385	1506.7	3344.	26.23	0.449
3500.	0.181	34.674	5.03	-0.052	27.846	37.165	46.066	1.411	1508.2	3441.	25.78	0.448
3600.	0.139	34.672	5.07	-0.101	27.847	37.169	46.073	1.437	1509.8	3539.	25.33	0.448
3700.	0.078	34.670	5.11	-0.171	27.849	37.175	46.083	1.462	1511.2	3636.	24.61	0.535
3800.	0.026	34.667	5.14	-0.231	27.849	37.179	46.090	1.486	1512.7	3734.	24.08	0.472
3900.	-0.039	34.665	5.17	-0.303	27.851	37.185	46.101	1.510	1514.1	3831.	23.25	0.565
4000.	-0.093	34.663	5.21	-0.366	27.853	37.191	46.109	1.533	1515.6	3928.	22.54	0.527
4100.	-0.079	34.663	5.27	-0.362	27.853	37.191	46.109	1.555	1517.4	4026.	22.66	-0.100
4200.	-0.089	34.663	5.36	-0.382	27.853	37.192	46.112	1.578	1519.1	4123.	22.48	0.305
4300.	-0.129	34.662	5.42	-0.431	27.855	37.197	46.119	1.600	1520.7	4220.	21.90	0.485
4400.	-0.152	34.661	5.44	-0.464	27.856	37.199	46.124	1.622	1522.3	4317.	21.54	0.393
4500.	-0.159	34.660	5.52	-0.482	27.856	37.201	46.126	1.643	1524.0	4414.	21.41	0.280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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 5/110015
STOP 5/122615
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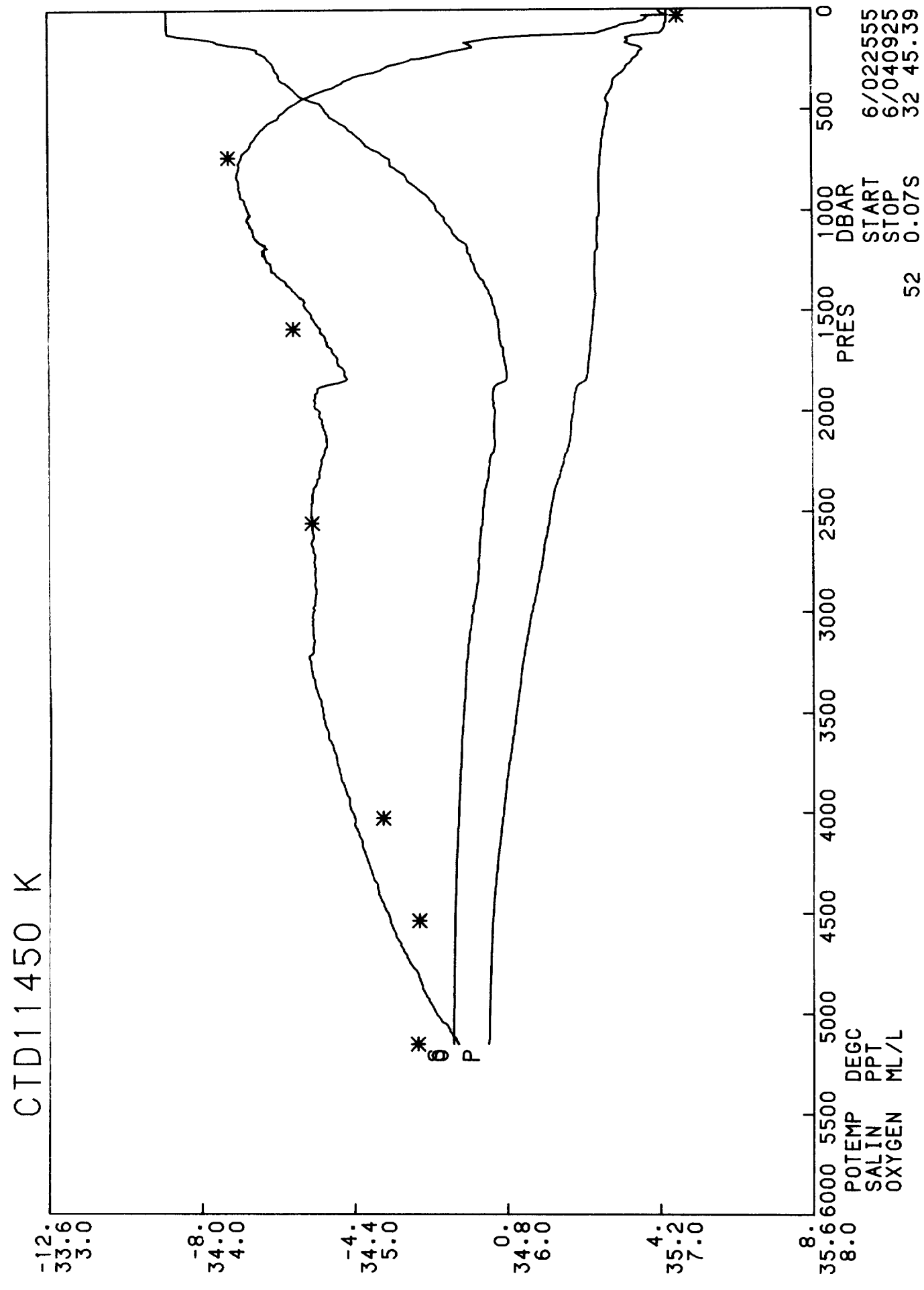
DISCOVERY 164 STATION 11449

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	4.098	33.909	7.08	4.098	26.909	36.012	44.710	0.011	1465.8	10.	113.52	-999.000
20.	4.089	33.910	7.05	4.087	26.910	36.014	44.712	0.023	1465.9	20.	113.49	0.652
40.	4.049	33.910	6.88	4.046	26.914	36.020	44.721	0.045	1466.1	40.	113.26	0.824
60.	4.004	33.909	6.69	4.000	26.919	36.027	44.730	0.068	1466.2	59.	113.02	0.839
80.	3.964	33.908	6.56	3.958	26.922	36.032	44.737	0.091	1466.4	79.	112.87	0.741
100.	3.894	33.909	6.46	3.887	26.930	36.044	44.752	0.113	1466.4	99.	112.31	1.107
120.	3.146	33.931	6.14	3.138	27.019	36.172	44.917	0.135	1463.6	119.	103.75	3.813
140.	2.625	33.955	5.87	2.617	27.084	36.265	45.036	0.155	1461.7	139.	97.56	3.247
160.	2.704	34.008	5.80	2.694	27.120	36.296	45.062	0.174	1462.5	159.	94.32	2.365
180.	3.029	34.071	5.70	3.019	27.142	36.299	45.048	0.193	1464.3	178.	92.56	1.773
200.	3.296	34.133	5.58	3.283	27.167	36.309	45.043	0.211	1465.8	198.	90.47	1.932
220.	3.255	34.154	5.46	3.241	27.188	36.332	45.068	0.229	1466.0	218.	88.61	1.831
240.	3.170	34.165	5.33	3.155	27.205	36.353	45.093	0.247	1466.0	238.	87.12	1.655
260.	2.901	34.165	5.12	2.885	27.229	36.392	45.146	0.264	1465.1	258.	84.77	2.038
280.	2.806	34.171	5.09	2.790	27.242	36.410	45.169	0.281	1465.1	277.	83.61	1.470
300.	2.796	34.196	5.00	2.778	27.263	36.431	45.190	0.297	1465.4	297.	81.76	1.817
320.	2.723	34.207	4.92	2.704	27.278	36.450	45.212	0.313	1465.4	317.	80.41	1.572
340.	2.689	34.224	4.86	2.669	27.295	36.468	45.232	0.329	1465.6	337.	78.91	1.647
360.	2.598	34.235	4.78	2.577	27.312	36.490	45.258	0.345	1465.6	357.	77.37	1.667
380.	2.574	34.251	4.72	2.552	27.327	36.506	45.275	0.360	1465.8	376.	76.07	1.542
400.	2.557	34.262	4.66	2.534	27.337	36.517	45.287	0.375	1466.1	396.	75.22	1.269
450.	2.393	34.288	4.53	2.367	27.372	36.560	45.339	0.412	1466.2	446.	72.01	1.529
500.	2.360	34.338	4.40	2.331	27.415	36.604	45.384	0.447	1467.0	495.	68.21	1.654
550.	2.188	34.365	4.31	2.156	27.450	36.649	45.437	0.480	1467.1	544.	64.89	1.550
600.	2.187	34.413	4.21	2.152	27.489	36.688	45.475	0.512	1468.0	594.	61.49	1.564
700.	2.307	34.497	4.10	2.265	27.547	36.738	45.518	0.571	1470.2	693.	56.80	1.325
800.	2.389	34.569	4.12	2.340	27.599	36.784	45.560	0.625	1472.3	792.	52.72	1.250
900.	2.286	34.600	4.12	2.231	27.632	36.823	45.604	0.677	1473.6	890.	49.91	1.067
1000.	2.252	34.630	4.15	2.190	27.660	36.853	45.635	0.726	1475.1	989.	47.82	0.946
1100.	2.271	34.669	4.22	2.201	27.690	36.882	45.662	0.772	1476.9	1088.	45.62	0.965
1200.	2.236	34.695	4.28	2.160	27.714	36.908	45.690	0.817	1478.5	1186.	43.83	0.894
1300.	2.230	34.723	4.37	2.146	27.738	36.932	45.715	0.860	1480.1	1285.	42.12	0.877
1400.	2.183	34.738	4.44	2.092	27.755	36.951	45.737	0.901	1481.6	1383.	40.99	0.757
1500.	2.170	34.763	4.53	2.071	27.776	36.973	45.759	0.942	1483.3	1482.	39.51	0.832
1600.	2.062	34.765	4.58	1.957	27.787	36.990	45.782	0.981	1484.5	1580.	38.63	0.695
1700.	2.032	34.771	4.64	1.919	27.795	37.000	45.794	1.019	1486.0	1678.	38.27	0.553
1800.	1.861	34.756	4.61	1.743	27.797	37.012	45.815	1.057	1486.9	1777.	37.77	0.586
1900.	1.818	34.767	4.68	1.692	27.809	37.026	45.832	1.094	1488.4	1875.	36.92	0.674
2000.	1.599	34.746	4.64	1.469	27.809	37.039	45.857	1.131	1489.1	1973.	36.21	0.631
2100.	1.517	34.745	4.66	1.379	27.814	37.050	45.872	1.167	1490.4	2071.	35.64	0.582
2200.	1.466	34.748	4.71	1.322	27.821	37.059	45.885	1.202	1491.9	2169.	35.14	0.554
2300.	1.369	34.743	4.73	1.217	27.824	37.069	45.900	1.237	1493.2	2268.	34.61	0.560
2400.	1.256	34.735	4.73	1.098	27.826	37.077	45.915	1.271	1494.3	2366.	34.07	0.557
2500.	1.163	34.729	4.74	0.998	27.828	37.085	45.928	1.305	1495.6	2464.	33.58	0.533
2600.	1.046	34.720	4.74	0.875	27.829	37.094	45.943	1.339	1496.8	2562.	32.94	0.571
2700.	0.946	34.715	4.76	0.768	27.832	37.103	45.958	1.371	1498.0	2659.	32.22	0.589
2800.	0.860	34.708	4.76	0.676	27.831	37.108	45.968	1.403	1499.3	2757.	31.86	0.469
2900.	0.809	34.705	4.78	0.617	27.833	37.112	45.976	1.435	1500.8	2855.	31.55	0.444
3000.	0.723	34.700	4.78	0.523	27.834	37.119	45.988	1.466	1502.1	2953.	30.92	0.548
3100.	0.648	34.696	4.79	0.441	27.836	37.127	46.000	1.497	1503.5	3051.	30.26	0.552
3200.	0.566	34.691	4.82	0.352	27.838	37.133	46.011	1.527	1504.8	3148.	29.63	0.541
3300.	0.501	34.687	4.85	0.279	27.839	37.138	46.021	1.556	1506.3	3246.	29.12	0.495
3400.	0.424	34.684	4.89	0.194	27.841	37.145	46.033	1.585	1507.6	3343.	28.35	0.575
3500.	0.366	34.682	4.92	0.129	27.842	37.151	46.042	1.613	1509.1	3441.	27.78	0.507
3600.	0.321	34.678	4.96	0.075	27.843	37.154	46.048	1.640	1510.6	3539.	27.40	0.432
3700.	0.231	34.674	4.98	-0.022	27.845	37.162	46.061	1.667	1511.9	3636.	26.44	0.621
3800.	0.193	34.673	5.02	-0.069	27.846	37.166	46.068	1.693	1513.5	3733.	25.99	0.453
3900.	0.139	34.671	5.07	-0.131	27.847	37.171	46.077	1.719	1515.0	3831.	25.37	0.515
4000.	0.098	34.669	5.12	-0.180	27.848	37.175	46.084	1.744	1516.5	3928.	24.90	0.453
4100.	0.045	34.666	5.16	-0.242	27.849	37.180	46.092	1.769	1518.0	4025.	24.26	0.515
4200.	-0.005	34.665	5.22	-0.301	27.851	37.185	46.100	1.792	1519.5	4123.	23.57	0.528
4300.	-0.026	34.664	5.28	-0.331	27.852	37.188	46.105	1.816	1521.2	4220.	23.28	0.376
4400.	-0.039	34.665	5.33	-0.354	27.854	37.191	46.109	1.839	1522.8	4317.	22.99	0.377
4500.	-0.075	34.663	5.36	-0.400	27.855	37.195	46.115	1.862	1524.4	4414.	22.49	0.462
4600.	-0.098	34.662	5.42	-0.433	27.855	37.197	46.120	1.884	1526.1	4511.	22.14	0.402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6000 5500 5000 4500 4000 3500 3000 2500 2000 1500 1000 500 0
PRES
DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 6/022555
STOP 6/040925
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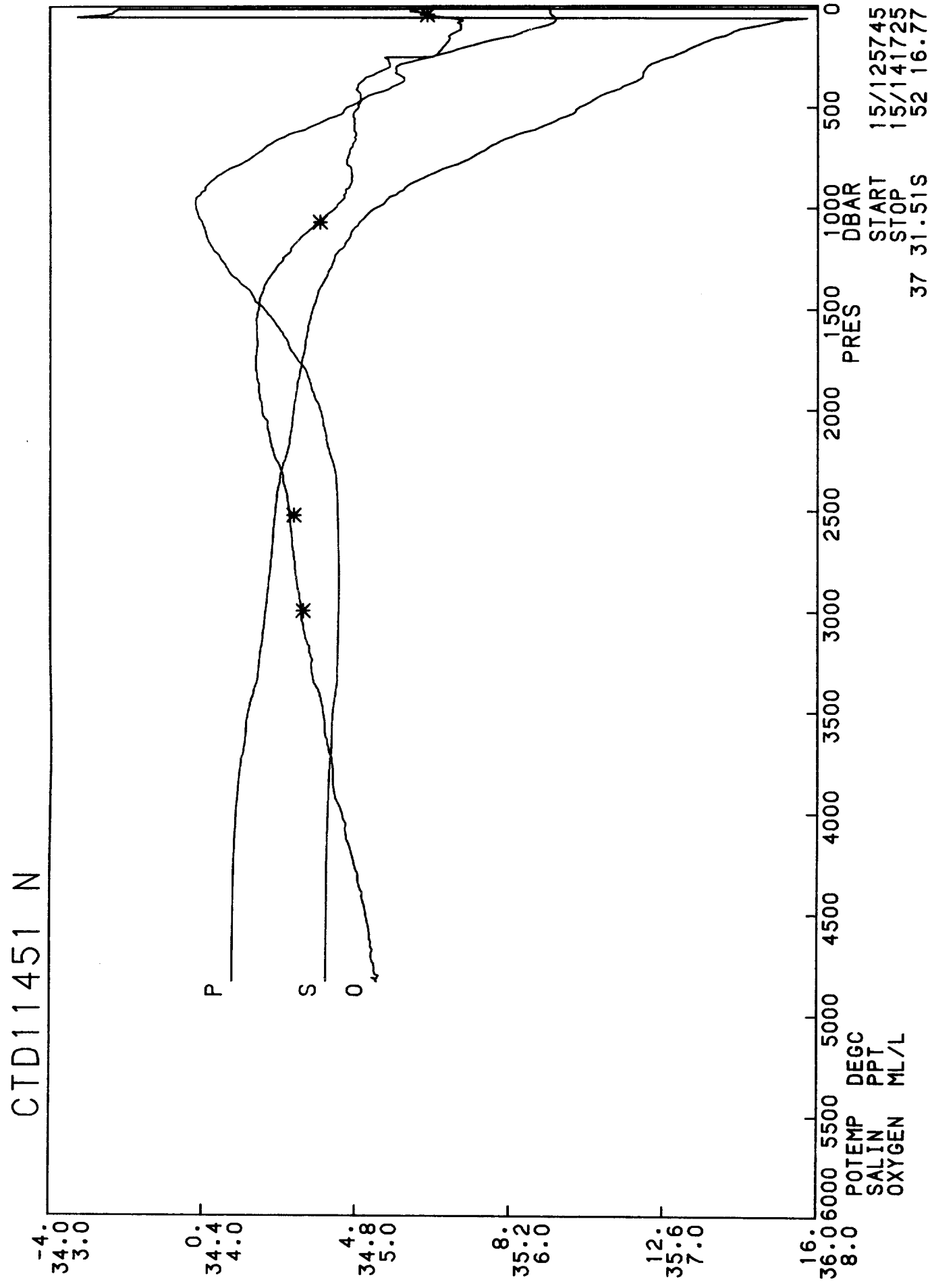
DISCOVERY 164 STATION 11450

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	4.206	33.911	7.01	4.206	26.898	35.996	44.689	0.011	1466.2	10.	114.51	-999.000
20.	4.207	33.910	7.02	4.206	26.898	35.996	44.689	0.023	1466.4	20.	114.61	-0.183
40.	4.206	33.911	6.92	4.204	26.899	35.997	44.690	0.046	1466.7	40.	114.71	0.396
60.	4.196	33.912	6.88	4.191	26.901	35.999	44.692	0.069	1467.0	59.	114.75	0.488
80.	4.162	33.912	6.74	4.157	26.905	36.005	44.700	0.092	1467.2	79.	114.54	0.814
100.	4.126	33.913	6.67	4.119	26.909	36.011	44.708	0.115	1467.4	99.	114.30	0.851
120.	3.999	33.915	6.56	3.991	26.924	36.032	44.736	0.137	1467.2	119.	113.05	1.545
140.	3.168	33.987	5.95	3.160	27.062	36.213	44.956	0.159	1464.1	139.	99.85	4.720
160.	3.159	34.041	5.76	3.149	27.106	36.256	44.999	0.178	1464.5	159.	95.88	2.620
180.	3.367	34.095	5.77	3.356	27.130	36.269	45.000	0.197	1465.7	178.	93.82	1.917
200.	3.568	34.148	5.70	3.555	27.153	36.280	45.001	0.216	1467.0	198.	91.96	1.837
220.	3.480	34.160	5.57	3.465	27.171	36.303	45.028	0.234	1466.9	218.	90.34	1.726
240.	3.376	34.175	5.45	3.361	27.193	36.330	45.060	0.252	1466.9	238.	88.38	1.881
260.	3.290	34.184	5.33	3.274	27.209	36.350	45.084	0.269	1466.8	258.	86.98	1.610
280.	3.167	34.192	5.22	3.149	27.226	36.374	45.115	0.286	1466.6	277.	85.39	1.704
300.	3.113	34.195	5.18	3.094	27.234	36.385	45.128	0.303	1466.7	297.	84.76	1.143
320.	2.993	34.203	5.07	2.973	27.252	36.409	45.158	0.320	1466.6	317.	83.13	1.720
340.	2.863	34.206	4.98	2.842	27.266	36.430	45.185	0.337	1466.3	337.	81.84	1.543
360.	2.809	34.217	4.93	2.788	27.279	36.446	45.204	0.353	1466.5	357.	80.65	1.486
380.	2.798	34.233	4.88	2.775	27.293	36.460	45.219	0.369	1466.8	376.	79.46	1.485
400.	2.747	34.245	4.80	2.723	27.307	36.477	45.238	0.385	1466.9	396.	78.24	1.502
450.	2.640	34.285	4.65	2.613	27.349	36.524	45.290	0.423	1467.3	446.	74.48	1.651
500.	2.678	34.325	4.55	2.647	27.378	36.551	45.314	0.460	1468.3	495.	72.08	1.345
550.	2.619	34.354	4.48	2.585	27.406	36.582	45.348	0.495	1468.9	544.	69.69	1.346
600.	2.573	34.389	4.39	2.537	27.438	36.616	45.384	0.529	1469.6	594.	66.86	1.450
700.	2.507	34.457	4.30	2.464	27.498	36.679	45.450	0.594	1471.1	693.	61.74	1.387
800.	2.466	34.517	4.24	2.416	27.551	36.733	45.505	0.653	1472.6	791.	57.38	1.291
900.	2.472	34.576	4.25	2.416	27.598	36.779	45.551	0.708	1474.4	890.	53.56	1.220
1000.	2.488	34.620	4.31	2.424	27.632	36.812	45.583	0.760	1476.1	989.	51.02	1.030
1100.	2.438	34.658	4.34	2.367	27.668	36.850	45.623	0.810	1477.6	1087.	48.19	1.078
1200.	2.392	34.697	4.41	2.314	27.704	36.888	45.663	0.856	1479.2	1186.	45.31	1.086
1300.	2.373	34.719	4.46	2.287	27.723	36.909	45.685	0.901	1480.8	1285.	44.00	0.804
1400.	2.408	34.752	4.61	2.315	27.748	36.932	45.705	0.944	1482.6	1383.	42.47	0.851
1500.	2.368	34.770	4.70	2.267	27.766	36.952	45.728	0.986	1484.1	1482.	41.25	0.788
1600.	2.318	34.780	4.77	2.210	27.779	36.968	45.747	1.027	1485.6	1580.	40.42	0.697
1700.	2.279	34.791	4.86	2.163	27.791	36.983	45.763	1.067	1487.1	1678.	39.69	0.670
1800.	2.225	34.799	4.94	2.101	27.802	36.997	45.781	1.106	1488.6	1777.	38.96	0.669
1900.	1.915	34.763	4.75	1.788	27.799	37.011	45.812	1.145	1488.9	1875.	38.31	0.638
2000.	1.861	34.768	4.77	1.726	27.807	37.023	45.827	1.183	1490.3	1973.	37.72	0.608
2100.	1.795	34.766	4.81	1.653	27.811	37.031	45.839	1.220	1491.7	2071.	37.46	0.506
2200.	1.698	34.763	4.80	1.549	27.816	37.042	45.856	1.257	1493.0	2169.	36.84	0.608
2300.	1.537	34.751	4.77	1.382	27.819	37.054	45.876	1.294	1493.9	2267.	36.08	0.641
2400.	1.379	34.740	4.73	1.219	27.822	37.067	45.898	1.330	1494.9	2365.	35.18	0.665
2500.	1.283	34.735	4.71	1.116	27.825	37.076	45.912	1.365	1496.2	2463.	34.60	0.570
2600.	1.209	34.730	4.72	1.035	27.826	37.081	45.922	1.399	1497.5	2561.	34.32	0.467
2700.	1.116	34.725	4.73	0.935	27.829	37.090	45.937	1.433	1498.8	2659.	33.66	0.583
2800.	1.030	34.723	4.74	0.842	27.833	37.100	45.951	1.466	1500.1	2757.	32.95	0.594
2900.	0.944	34.717	4.75	0.748	27.835	37.107	45.963	1.499	1501.4	2855.	32.39	0.541
3000.	0.826	34.708	4.73	0.624	27.835	37.114	45.978	1.531	1502.6	2953.	31.65	0.590
3100.	0.735	34.700	4.73	0.526	27.834	37.119	45.988	1.562	1503.9	3050.	31.19	0.498
3200.	0.645	34.695	4.72	0.429	27.836	37.127	46.001	1.593	1505.2	3148.	30.44	0.581
3300.	0.569	34.690	4.72	0.345	27.837	37.132	46.011	1.623	1506.6	3246.	29.87	0.521
3400.	0.511	34.686	4.75	0.280	27.838	37.137	46.020	1.653	1508.0	3343.	29.40	0.485
3500.	0.442	34.683	4.79	0.203	27.839	37.143	46.030	1.682	1509.4	3441.	28.77	0.531
3600.	0.384	34.679	4.82	0.137	27.840	37.148	46.038	1.711	1510.9	3538.	28.27	0.487
3700.	0.315	34.676	4.87	0.060	27.842	37.154	46.049	1.738	1512.3	3636.	27.52	0.564
3800.	0.242	34.673	4.90	-0.021	27.844	37.161	46.060	1.765	1513.7	3733.	26.69	0.584
3900.	0.190	34.671	4.94	-0.081	27.845	37.166	46.069	1.792	1515.2	3831.	26.09	0.511
4000.	0.139	34.669	4.98	-0.140	27.846	37.171	46.077	1.818	1516.7	3928.	25.49	0.505
4100.	0.093	34.668	5.02	-0.196	27.848	37.176	46.085	1.843	1518.2	4025.	24.88	0.509
4200.	0.038	34.665	5.06	-0.259	27.849	37.181	46.093	1.867	1519.7	4123.	24.23	0.518
4300.	-0.001	34.664	5.11	-0.307	27.851	37.185	46.101	1.891	1521.3	4220.	23.67	0.489
4400.	-0.040	34.662	5.15	-0.356	27.852	37.189	46.107	1.915	1522.8	4317.	23.15	0.471
4500.	-0.067	34.661	5.22	-0.392	27.852	37.192	46.112	1.938	1524.5	4414.	22.80	0.401
4600.	-0.088	34.661	5.27	-0.423	27.854	37.195	46.117	1.960	1526.1	4511.	22.40	0.424
4700.	-0.094	34.660	5.33	-0.440	27.853	37.196	46.119	1.983	1527.8	4608.	22.34	0.249
4800.	-0.101	34.659	5.41	-0.457	27.854	37.197	46.121	2.005	1529.5	4705.	22.22	0.286
4900.	-0.104	34.658	5.46	-0.471	27.854	37.198	46.123	2.027	1531.3	4802.	22.15	0.260
5000.	-0.113	34.658	5.53	-0.491	27.854	37.200	46.126	2.049	1533.0	4899.	21.97	0.328
5100.	-0.108	34.658	5.63	-0.498	27.855	37.201	46.127	2.071	1534.8	4996.	21.99	0.197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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 15/125745
STOP 15/141725
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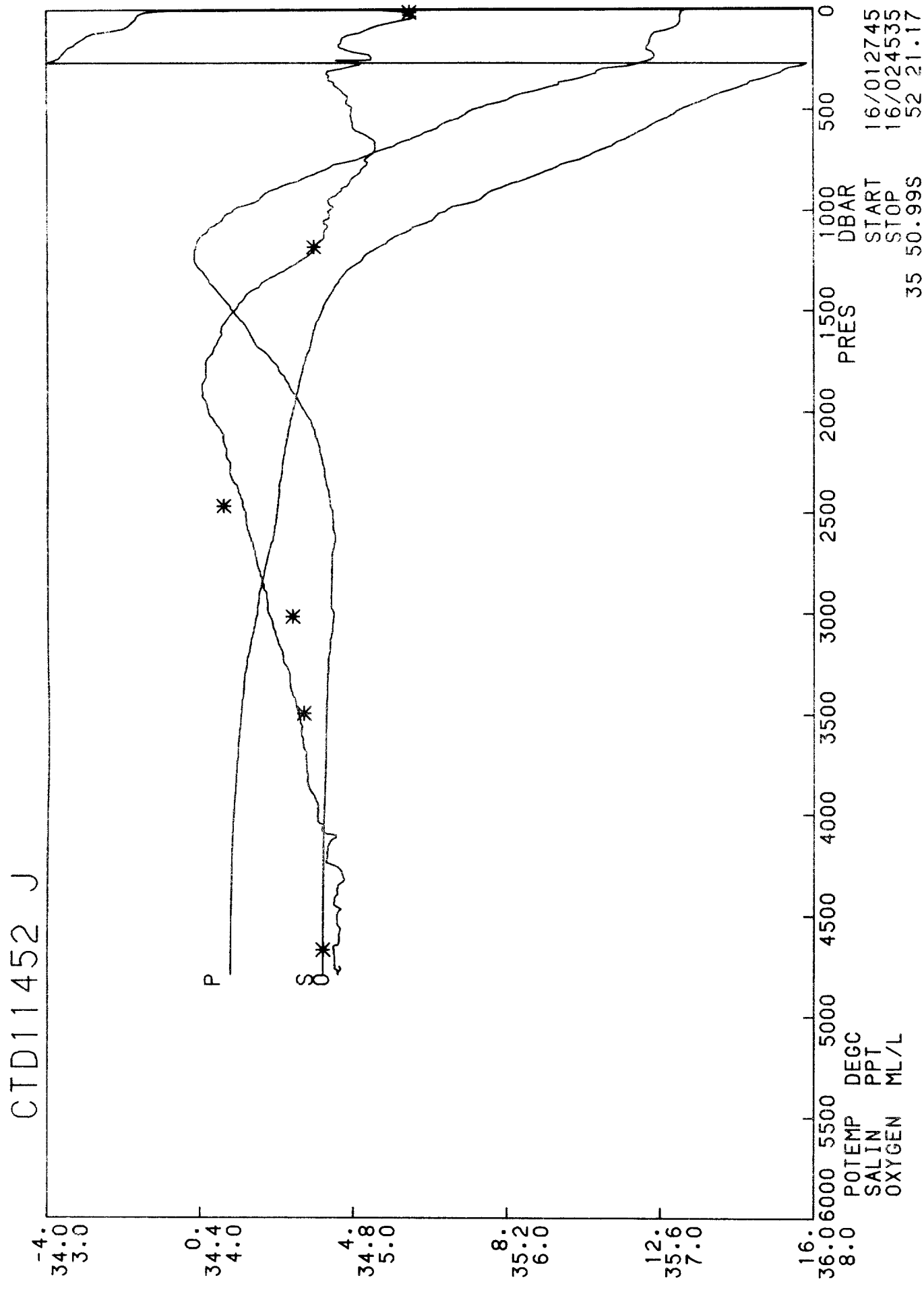
DISCOVERY 164 STATION 11451

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	17.727	35.303	5.39	17.723	25.573	34.092	42.242	0.048	1515.7	20.	240.95	-999.000
40.	17.516	35.305	5.44	17.509	25.627	34.153	42.309	0.096	1515.4	40.	236.55	2.921
60.	15.950	35.317	5.62	15.941	26.005	34.584	42.790	0.140	1511.0	60.	201.13	7.751
80	14.947	35.312	5.66	14.935	26.228	34.842	43.081	0.178	1508.2	79	180.65	5.931
100.	14.411	35.283	5.68	14.396	26.322	34.956	43.215	0.213	1506.8	99.	172.21	3.886
120.	13.914	35.242	5.66	13.897	26.397	35.050	43.326	0.247	1505.7	119.	165.67	3.454
140.	13.693	35.216	5.61	13.673	26.423	35.084	43.369	0.280	1505.0	139.	163.75	2.051
160.	13.319	35.168	5.61	13.296	26.464	35.140	43.439	0.312	1504.1	159.	160.35	2.582
180	13.044	35.125	5.59	13.019	26.486	35.174	43.482	0.344	1503.5	179.	158.73	1.915
200.	12.791	35.085	5.56	12.764	26.506	35.204	43.522	0.376	1502.9	198.	157.30	1.829
220.	12.590	35.050	5.54	12.560	26.520	35.226	43.552	0.407	1502.5	218.	156.56	1.509
240.	12.338	35.009	5.53	12.302	26.538	35.255	43.592	0.438	1501.9	238.	155.21	1.752
260.	12.032	34.966	5.28	11.997	26.564	35.293	43.643	0.469	1501.2	258.	153.16	2.082
280.	11.755	34.927	5.21	11.718	26.582	35.321	43.682	0.500	1500.8	278.	151.80	1.373
300.	11.591	34.902	5.20	11.553	26.598	35.346	43.712	0.530	1500.5	298.	150.72	1.630
320.	11.517	34.905	5.15	11.476	26.615	35.367	43.733	0.560	1500.3	317.	149.72	1.587
340.	11.492	34.916	5.16	11.448	26.626	35.379	43.748	0.590	1500.0	337.	149.01	1.440
360.	11.409	34.924	5.05	11.363	26.651	35.406	43.778	0.620	1500.0	357.	147.21	1.971
380.	11.190	34.911	5.01	11.142	26.680	35.443	43.826	0.649	1500.2	377.	144.72	2.238
400.	10.948	34.889	5.00	10.899	26.708	35.482	43.873	0.678	1499.6	397.	142.47	2.144
420.	10.318	34.827	5.03	10.264	26.768	35.570	43.986	0.747	1498.2	44e.	137.42	2.043
440.	9.840	34.773	5.01	9.782	26.812	35.631	44.071	0.815	1497.2	496.	133.96	1.761
460.	9.417	34.734	4.98	9.352	26.855	35.693	44.148	0.882	1496.4	545.	130.68	1.709
480.	8.824	34.658	4.98	8.758	26.902	35.77	44.249	0.946	1495.0	592.	126.34	1.899
500.	8.509	34.636	4.98	8.436	27.032	35.943	44.478	1.066	1491.6	694.	115.98	2.021
520.	8.424	34.622	4.93	8.350	27.092	36.023	44.660	1.179	1488.9	792.	108.12	1.781
540.	8.327	34.604	4.95	8.246	27.174	36.219	44.848	1.283	1486..	891.	99.53	1.823
1000.	4.559	34.48	4.86	4.476	27.243	36.319	44.993	1.379	1484.6	990.	92.54	1.663
1100.	4.009	34.363	4.78	3.922	27.319	36.423	45.122	1.468	1484.0	1089.	85.0.	1.695
1200.	3.695	34.423	4.87	3.605	27.368	36.489	45.203	1.557	1484.4	1189.	80.39	1.361
1300.	3.394	34.462	4.47	3.299	27.428	36.564	45.293	1.628	1484.8	1286.	74.71	1.484
1400.	3.110	34.516	4.39	3.017	27.497	36.64.	45.389	1.700	1485.4	1385.	68.12	1.557
1500.	2.946	34.558	4.36	2.839	27.548	36.707	45.457	1.766	1486.4	1485.	63.53	1.343
1600.	2.832	34.600	4.35	2.717	27.591	36.756	45.511	1.827	1487.6	1582.	59.79	1.227
1700.	2.752	34.628	4.33	2.630	27.621	36.790	45.550	1.885	1489.0	1682.	57.34	1.030
1800.	2.647	34.667	4.30	2.518	27.662	36.836	45.601	1.941	1490.2	1779.	53.75	1.201
1900.	2.564	34.695	4.31	2.428	27.683	36.860	45.632	1.994	1491.6	1877.	52.09	0.887
2000.	2.491	34.718	4.30	2.347	27.707	36.888	45.663	2.045	1493.0	1976.	50.15	0.933
2100.	2.438	34.741	4.42	2.289	27.721	36.903	45.687	2.094	1494.4	2074.	49.11	0.751
2200.	2.387	34.758	4.43	2.192	27.738	36.923	45.710	2.143	1495.8	2172.	47.67	0.837
2300.	2.194	34.747	4.53	2.028	27.764	36.964	45.752	2.189	1496.8	2270.	44.96	1.060
2400.	2.097	34.749	4.54	1.926	27.776	36.982	45.776	2.233	1498.3	2369.	43.76	0.772
2500.	2.049	34.750	4.56	1.868	27.782	36.990	45.787	2.277	1499.3	2467.	43.43	0.548
2600.	2.005	34.752	4.57	1.815	27.788	36.998	45.798	2.320	1501.1	2565.	43.13	0.536
2700.	1.977	34.753	4.59	1.778	27.791	37.001	45.806	2.363	1502.6	2663.	43.10	0.437
2800.	1.938	34.754	4.60	1.731	27.795	37.011	45.815	2.406	1504.2	2761.	42.88	0.504
2900.	1.887	34.752	4.62	1.671	27.799	37.019	45.826	2.449	1505.6	2859.	42.60	0.524
3000.	1.834	34.752	4.65	1.610	27.803	37.028	45.836	2.492	1507.1	2957.	42.29	0.527
3100.	1.781	34.752	4.66	1.548	27.807	37.037	45.847	2.534	1508.6	3054.	41.97	0.536
3200.	1.716	34.749	4.69	1.475	27.811	37.044	45.859	2.576	1510.0	3152.	41.48	0.577
3300.	1.669	34.749	4.70	1.418	27.815	37.048	45.868	2.617	1511.5	3250.	41.17	0.520
3400.	1.553	34.744	4.75	1.295	27.819	37.060	45.887	2.658	1512.7	3348.	40.15	0.712
3500.	1.415	34.736	4.78	1.151	27.823	37.072	45.907	2.697	1513.8	3445.	38.91	0.757
3600.	1.359	34.734	4.79	1.086	27.826	37.078	45.917	2.736	1515.3	3543.	38.49	0.536
3700.	1.302	34.732	4.82	1.021	27.829	37.085	45.926	2.774	1516.8	3641.	38.04	0.541
3800.	1.214	34.727	4.84	0.925	27.831	37.093	45.940	2.812	1518.1	3738.	37.27	0.632
3900.	1.180	34.725	4.85	0.881	27.833	37.097	45.946	2.849	1519.7	3836.	37.09	0.440
4000	1.152	34.724	4.91	0.841	27.834	37.101	45.952	2.886	1521.3	3933.	36.90	0.439
4100.	1.137	34.723	4.93	0.818	27.835	37.103	45.956	2.923	1522.9	4031.	36.97	0.326
4200.	1.130	34.722	4.97	0.800	27.835	37.104	45.958	2.960	1524.6	4128.	37.09	0.288
4300.	1.128	34.722	5.01	0.787	27.836	37.106	45.960	2.997	1526.4	4225.	37.27	0.261
4400.	1.133	34.722	5.04	0.781	27.836	37.106	45.961	3.034	1528.1	4323.	37.57	0.160
4500.	1.141	34.722	5.06	0.777	27.836	37.107	45.962	3.072	1529.9	4420.	37.89	0.146
4600.	1.146	34.721	5.09	0.771	27.836	37.107	45.962	3.110	1531.7	4517.	38.20	0.164
4700.	1.153	34.721	5.10	0.766	27.837	37.108	45.963	3.148	1533.4	4614.	38.50	0.176
4800.	1.162	34.721	5.14	0.763	27.837	37.108	45.964	3.187	1535.2	4711.	38.84	0.129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POTEMP DEGC
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OXYGEN ML/L
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PRES DBAR
START 16/012745
STOP 16/024535
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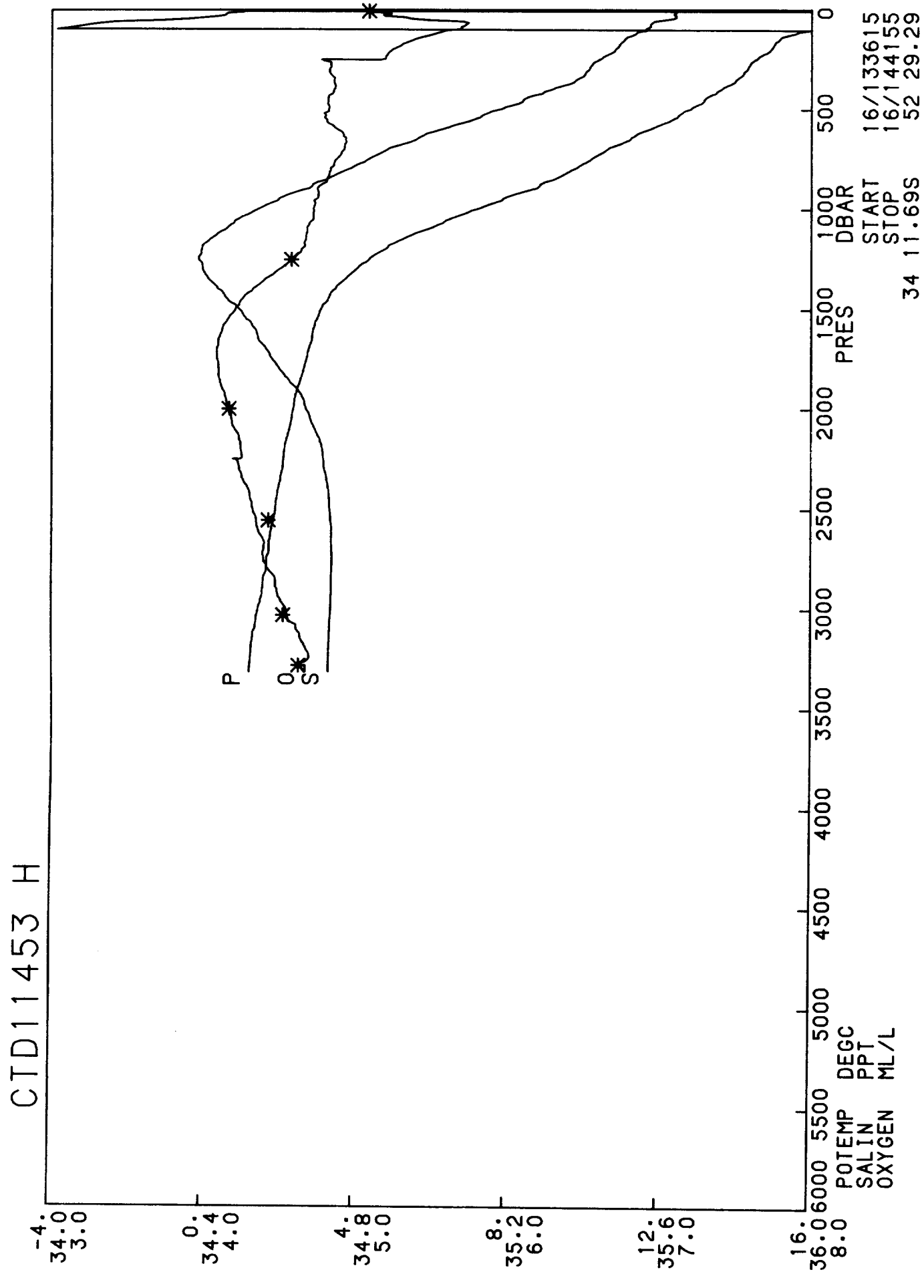
DISCOVERY 164 STATION 11452

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	18.716	35.660	5.29	18.714	25.599	34.081	42.197	0.024	1518.8	10.	238.12	-999.000
20.	18.459	35.655	5.37	18.455	25.661	34.152	42.275	0.048	1518.2	20.	232.62	4.422
40.	18.347	35.653	5.40	18.340	25.689	34.183	42.310	0.094	1518.2	40.	230.75	2.090
60.	18.255	35.653	5.29	18.245	25.712	34.209	42.340	0.140	1518.3	60.	229.28	1.926
80.	18.148	35.647	5.17	18.134	25.735	34.236	42.370	0.186	1518.3	79.	227.83	1.912
100.	17.850	35.625	5.09	17.833	25.793	34.304	42.447	0.231	1517.7	99.	223.01	3.041
120.	17.218	35.585	5.03	17.198	25.917	34.449	42.612	0.275	1516.1	119.	211.94	4.432
140.	17.006	35.576	4.93	16.982	25.961	34.501	42.671	0.317	1515.8	139.	208.37	2.672
160.	16.831	35.573	4.92	16.805	26.002	34.547	42.723	0.358	1515.6	159.	205.22	2.534
180.	16.693	35.568	4.91	16.664	26.031	34.581	42.761	0.399	1515.5	179.	203.09	2.176
200.	16.526	35.566	4.95	16.494	26.070	34.626	42.811	0.439	1515.4	198.	200.09	2.481
220.	16.435	35.583	5.07	16.399	26.105	34.664	42.853	0.479	1515.4	218.	197.39	2.381
240.	16.330	35.584	5.12	16.291	26.130	34.693	42.885	0.518	1515.4	238.	195.64	2.017
260.	16.040	35.562	5.03	15.999	26.181	34.754	42.956	0.557	1514.9	258.	191.41	2.864
280.	15.774	35.519	4.99	15.730	26.210	34.793	43.003	0.595	1514.3	278.	189.25	2.173
300.	15.325	35.442	4.87	15.279	26.252	34.851	43.078	0.632	1513.2	298.	185.70	2.653
320.	15.126	35.426	4.83	15.077	26.284	34.891	43.125	0.669	1512.9	317.	183.16	2.308
340.	14.824	35.392	4.84	14.773	26.325	34.944	43.188	0.706	1512.2	337.	179.74	2.605
360.	14.406	35.338	4.87	14.353	26.374	35.009	43.268	0.741	1511.1	357.	175.47	2.859
380.	14.243	35.319	4.89	14.187	26.395	35.036	43.301	0.776	1510.9	377.	173.98	1.877
400.	13.953	35.282	4.92	13.895	26.428	35.080	43.356	0.811	1510.3	397.	171.26	2.360
450.	13.262	35.201	4.96	13.199	26.509	35.189	43.490	0.894	1508.7	446.	164.52	2.344
500.	12.588	35.109	4.99	12.520	26.573	35.280	43.607	0.975	1507.2	496.	159.26	2.115
550.	12.126	35.057	4.99	12.052	26.624	35.350	43.695	1.054	1506.4	545.	155.35	1.878
600.	11.633	35.005	5.02	11.555	26.678	35.424	43.788	1.130	1505.5	595.	151.02	1.944
700.	10.514	34.867	5.14	10.428	26.774	35.569	43.978	1.278	1503.0	694.	142.92	1.883
800.	9.146	34.716	5.05	9.056	26.887	35.742	44.208	1.416	1499.6	793.	132.34	2.072
900.	7.703	34.579	4.91	7.610	27.001	35.923	44.451	1.542	1495.7	892.	120.85	2.123
1000.	6.506	34.483	4.83	6.412	27.091	36.070	44.652	1.659	1492.6	990.	111.41	1.929
1100.	5.510	34.417	4.81	5.414	27.165	36.193	44.822	1.766	1490.2	1089.	103.42	1.778
1200.	4.572	34.384	4.73	4.474	27.246	36.322	44.995	1.865	1488.0	1188.	94.37	1.856
1300.	3.912	34.405	4.54	3.812	27.333	36.442	45.147	1.956	1486.9	1286.	85.26	1.845
1400.	3.550	34.445	4.33	3.445	27.400	36.528	45.250	2.038	1487.1	1385.	78.65	1.591
1500.	3.272	34.486	4.21	3.161	27.460	36.603	45.338	2.113	1487.7	1484.	72.89	1.491
1600.	3.056	34.527	4.13	2.939	27.513	36.667	45.413	2.183	1488.5	1582.	67.84	1.402
1700.	2.929	34.568	4.08	2.805	27.558	36.718	45.470	2.250	1489.6	1681.	63.90	1.257
1800.	2.778	34.607	4.03	2.648	27.603	36.771	45.530	2.311	1490.7	1779.	59.76	1.282
1900.	2.657	34.641	4.01	2.520	27.641	36.816	45.581	2.369	1491.9	1878.	56.33	1.179
2000.	2.538	34.674	4.05	2.393	27.678	36.859	45.630	2.423	1493.1	1976.	52.98	1.167
2100.	2.427	34.699	4.14	2.275	27.708	36.895	45.672	2.475	1494.4	2074.	50.27	1.066
2200.	2.342	34.712	4.17	2.183	27.727	36.918	45.700	2.524	1495.7	2173.	48.66	0.869
2300.	2.275	34.724	4.19	2.108	27.742	36.938	45.722	2.572	1497.1	2271.	47.44	0.787
2400.	2.220	34.735	4.25	2.045	27.756	36.955	45.743	2.619	1498.6	2369.	46.38	0.748
2500.	2.165	34.745	4.29	1.981	27.769	36.971	45.762	2.665	1500.0	2467.	45.37	0.736
2600.	2.094	34.750	4.32	1.902	27.779	36.985	45.780	2.710	1501.4	2565.	44.50	0.697
2700.	1.961	34.743	4.35	1.762	27.784	36.999	45.801	2.754	1502.5	2663.	43.58	0.708
2800.	1.856	34.742	4.39	1.651	27.792	37.013	45.821	2.797	1503.8	2761.	42.61	0.711
2900.	1.731	34.741	4.43	1.519	27.801	37.029	45.844	2.839	1504.9	2859.	41.33	0.777
3000.	1.688	34.747	4.44	1.467	27.810	37.041	45.859	2.880	1506.5	2957.	40.57	0.650
3100.	1.580	34.741	4.49	1.352	27.813	37.051	45.875	2.920	1507.7	3055.	39.82	0.643
3200.	1.475	34.734	4.53	1.240	27.816	37.059	45.889	2.959	1508.9	3153.	39.11	0.627
3300.	1.377	34.730	4.58	1.134	27.819	37.069	45.905	2.998	1510.2	3251.	38.29	0.651
3400.	1.344	34.729	4.60	1.091	27.821	37.073	45.911	3.036	1511.8	3348.	38.16	0.426
3500.	1.290	34.726	4.64	1.029	27.824	37.079	45.921	3.074	1513.3	3446.	37.78	0.517
3600.	1.248	34.725	4.65	0.978	27.826	37.085	45.929	3.112	1514.8	3544.	37.48	0.484
3700.	1.223	34.725	4.68	0.944	27.828	37.089	45.935	3.149	1516.4	3641.	37.36	0.417
3800.	1.192	34.723	4.69	0.903	27.830	37.093	45.941	3.186	1518.0	3739.	37.20	0.431
3900.	1.176	34.722	4.73	0.877	27.830	37.095	45.944	3.224	1519.6	3836.	37.27	0.325
4000.	1.158	34.721	4.76	0.849	27.831	37.097	45.948	3.261	1521.3	3934.	37.26	0.360
4100.	1.145	34.720	4.88	0.826	27.832	37.099	45.952	3.298	1523.0	4031.	37.31	0.333
4200.	1.143	34.719	4.83	0.812	27.832	37.101	45.954	3.336	1524.7	4129.	37.51	0.244
4300.	1.147	34.720	4.93	0.805	27.833	37.102	45.955	3.373	1526.4	4226.	37.74	0.220
4400.	1.148	34.719	4.88	0.796	27.833	37.102	45.956	3.411	1528.2	4323.	38.00	0.205
4500.	1.153	34.719	4.89	0.789	27.834	37.103	45.958	3.449	1529.9	4420.	38.27	0.199
4600.	1.159	34.719	4.90	0.783	27.834	37.104	45.959	3.488	1531.7	4518.	38.56	0.187
4700.	1.168	34.719	4.87	0.780	27.834	37.104	45.959	3.526	1533.5	4615.	38.93	0.083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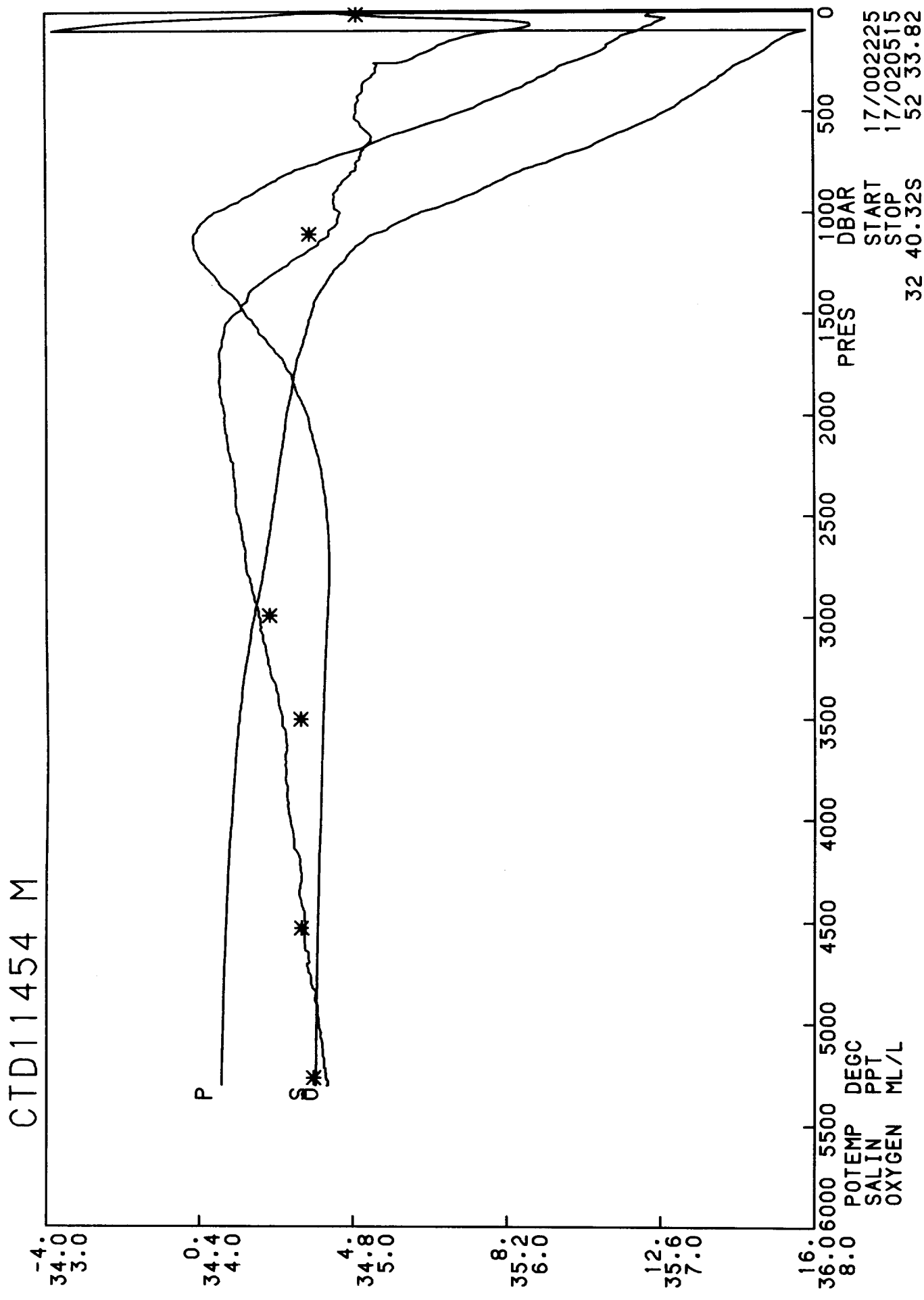
DISCOVERY 164 STATION 11453

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM $10^{-8}KG/M^3$	BVFR CY/HR
10.	21.059	35.642	5.09	21.057	24.968	33.379	41.428	0.030	1525.2	10.	298.21	-999.000
20.	20.596	35.639	5.23	20.592	25.092	33.517	41.579	0.059	1524.1	20.	286.79	6.265
40.	19.861	35.641	5.35	19.853	25.290	33.737	41.820	0.115	1522.5	40.	268.71	5.601
60.	17.550	35.584	5.72	17.539	25.834	34.354	42.507	0.164	1516.1	60.	217.68	9.278
80.	16.719	35.576	5.71	16.706	26.027	34.576	42.754	0.206	1514.0	79.	199.95	5.541
100.	16.025	35.566	5.62	16.009	26.182	34.754	42.956	0.244	1512.2	99.	185.86	4.961
120.	15.553	35.536	5.52	15.534	26.267	34.856	43.073	0.280	1511.0	119.	178.39	3.684
140.	15.206	35.511	5.41	15.185	26.326	34.929	43.158	0.315	1510.2	139.	173.33	3.088
160.	15.084	35.501	5.34	15.060	26.346	34.953	43.186	0.350	1510.2	159.	172.09	1.776
180.	15.017	35.492	5.29	14.990	26.355	34.964	43.200	0.384	1510.3	179.	171.89	1.193
200.	14.945	35.483	5.24	14.914	26.364	34.976	43.215	0.419	1510.4	198.	171.63	1.233
220.	14.788	35.467	5.21	14.755	26.387	35.005	43.249	0.453	1510.2	218.	170.06	1.923
240.	14.620	35.448	5.20	14.584	26.409	35.034	43.284	0.487	1510.0	238.	168.50	1.914
260.	14.460	35.428	4.84	14.421	26.429	35.060	43.316	0.520	1509.8	258.	167.20	1.797
280.	14.387	35.418	4.84	14.345	26.438	35.072	43.330	0.554	1509.8	278.	166.95	1.211
300.	14.337	35.413	4.83	14.293	26.445	35.081	43.341	0.587	1510.0	298.	166.87	1.089
320.	14.251	35.404	4.84	14.204	26.456	35.096	43.359	0.620	1510.0	317.	166.35	1.380
340.	14.133	35.391	4.86	14.083	26.472	35.116	43.384	0.654	1510.0	337.	165.40	1.618
360.	14.029	35.375	4.86	13.976	26.482	35.130	43.402	0.687	1510.0	357.	164.98	1.313
380.	13.830	35.343	4.87	13.775	26.500	35.156	43.435	0.719	1509.6	377.	163.76	1.749
400.	13.665	35.313	4.86	13.608	26.512	35.175	43.460	0.752	1509.4	397.	163.14	1.432
450.	13.248	35.242	4.82	13.184	26.544	35.223	43.525	0.833	1508.7	446.	161.25	1.498
500.	12.856	35.179	4.82	12.787	26.575	35.271	43.587	0.914	1508.2	496.	159.37	1.490
550.	12.426	35.112	4.81	12.351	26.609	35.323	43.656	0.993	1507.5	545.	157.09	1.567
600.	11.812	35.027	4.88	11.733	26.661	35.400	43.757	1.070	1506.1	595.	152.83	1.938
700.	10.709	34.884	4.92	10.623	26.754	35.540	43.941	1.219	1503.8	694.	145.14	1.848
800.	9.834	34.780	4.84	9.739	26.825	35.650	44.087	1.361	1502.2	793.	139.33	1.651
900.	8.758	34.668	4.75	8.658	26.912	35.786	44.269	1.497	1499.7	892.	131.23	1.851
1000.	7.266	34.541	4.72	7.166	27.034	35.977	44.525	1.621	1495.6	990.	118.44	2.217
1100.	5.972	34.456	4.68	5.872	27.139	36.145	44.752	1.734	1492.1	1089.	107.01	2.088
1200.	4.862	34.394	4.64	4.762	27.222	36.283	44.942	1.836	1489.2	1188.	97.48	1.906
1300.	4.108	34.398	4.50	4.006	27.307	36.407	45.102	1.928	1487.7	1287.	88.27	1.860
1400.	3.547	34.441	4.32	3.442	27.398	36.526	45.248	2.012	1487.1	1385.	78.85	1.867
1500.	3.198	34.495	4.21	3.088	27.474	36.620	45.359	2.087	1487.3	1484.	71.31	1.680
1600.	3.003	34.537	4.12	2.887	27.526	36.683	45.431	2.156	1488.2	1582.	66.45	1.377
1700.	2.890	34.566	4.09	2.767	27.560	36.722	45.476	2.221	1489.5	1681.	63.57	1.104
1800.	2.768	34.601	4.10	2.638	27.599	36.767	45.527	2.283	1490.7	1779.	60.13	1.184
1900.	2.608	34.646	4.12	2.471	27.649	36.827	45.594	2.341	1491.7	1878.	55.35	1.359
2000.	2.514	34.671	4.16	2.369	27.678	36.860	45.632	2.395	1493.0	1976.	52.90	1.026
2100.	2.415	34.693	4.21	2.264	27.705	36.892	45.670	2.446	1494.3	2075.	50.50	1.013
2200.	2.294	34.714	4.25	2.136	27.731	36.926	45.709	2.495	1495.5	2173.	47.97	1.033
2300.	2.251	34.719	4.24	2.085	27.740	36.937	45.723	2.543	1497.0	2271.	47.45	0.614
2400.	2.145	34.730	4.30	1.971	27.758	36.961	45.753	2.590	1498.2	2369.	45.74	0.881
2500.	2.078	34.734	4.33	1.896	27.767	36.974	45.770	2.635	1499.7	2467.	44.97	0.672
2600.	1.980	34.739	4.36	1.790	27.779	36.992	45.793	2.679	1500.9	2566.	43.76	0.772
2700.	1.925	34.739	4.40	1.728	27.784	37.000	45.804	2.723	1502.4	2664.	43.39	0.552
2800.	1.857	34.739	4.43	1.651	27.789	37.010	45.818	2.766	1503.8	2762.	42.85	0.598
2900.	1.769	34.738	4.49	1.555	27.796	37.022	45.835	2.808	1505.1	2860.	42.04	0.668
3000.	1.665	34.736	4.55	1.444	27.803	37.035	45.854	2.850	1506.4	2957.	41.05	0.708
3100.	1.584	34.734	4.62	1.356	27.807	37.044	45.868	2.890	1507.7	3055.	40.39	0.619
3200.	1.496	34.732	4.68	1.260	27.812	37.055	45.884	2.930	1509.0	3153.	39.61	0.644
3300.	1.466	34.730	4.65	1.220	27.814	37.059	45.890	2.970	1510.6	3251.	39.53	0.417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POTEMP DEGC
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START 17/002225
STOP 17/020515
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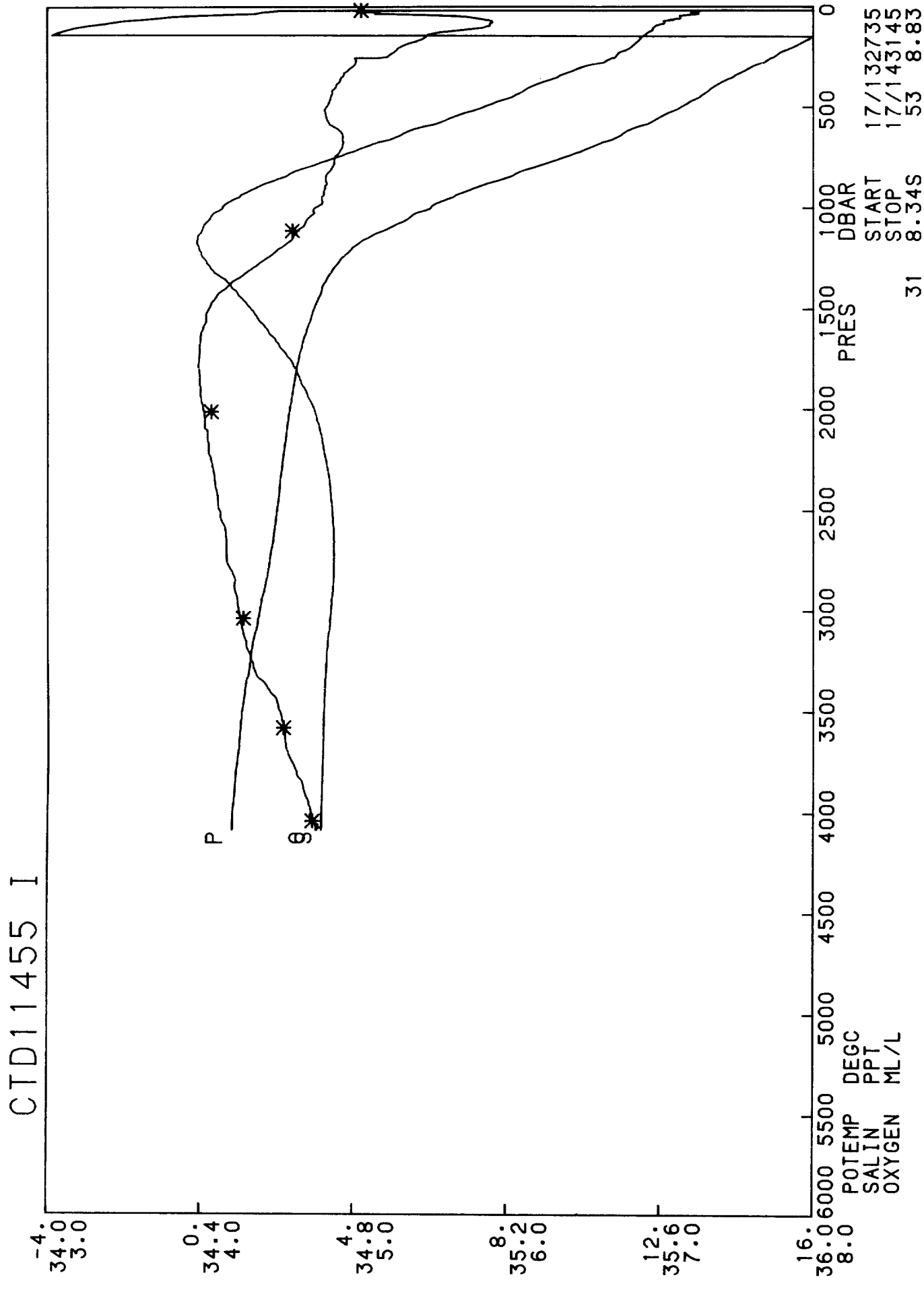
DISCOVERY 164 STATION 11454

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	22.399	35.572	4.97	22.397	24.541	32.914	40.928	0.034	1528.7	10.	338.85	-999.000
20.	21.653	35.570	5.14	21.649	24.751	33.145	41.179	0.067	1526.9	20.	319.32	8.136
40.	19.121	35.612	5.86	19.114	25.460	33.930	42.035	0.124	1520.3	40.	252.44	10.602
60.	17.439	35.587	6.16	17.429	25.863	34.387	42.543	0.170	1515.8	60.	214.90	7.978
80.	16.505	35.561	6.12	16.493	26.066	34.622	42.808	0.212	1513.3	79.	196.23	5.678
100.	15.858	35.542	5.89	15.843	26.201	34.780	42.987	0.250	1511.6	99.	183.97	4.644
120.	15.424	35.505	5.75	15.406	26.272	34.867	43.088	0.286	1510.6	119.	177.86	3.360
140.	15.218	35.489	5.65	15.197	26.306	34.908	43.137	0.321	1510.2	139.	175.24	2.339
160.	15.029	35.469	5.58	15.005	26.334	34.943	43.178	0.356	1510.0	159.	173.23	2.106
180.	14.893	35.461	5.54	14.866	26.357	34.972	43.212	0.390	1509.8	179.	171.58	1.957
200.	14.759	35.444	5.48	14.729	26.375	34.995	43.240	0.425	1509.7	198.	170.52	1.686
220.	14.571	35.418	5.42	14.538	26.396	35.023	43.274	0.459	1509.4	218.	169.13	1.841
240.	14.396	35.390	5.37	14.360	26.413	35.046	43.305	0.492	1509.2	238.	168.08	1.676
260.	14.148	35.356	5.16	14.110	26.440	35.083	43.351	0.526	1508.7	258.	166.00	2.120
280.	13.958	35.334	5.15	13.917	26.464	35.114	43.389	0.559	1508.4	278.	164.28	1.975
300.	13.825	35.317	5.15	13.782	26.479	35.135	43.414	0.591	1508.2	298.	163.36	1.596
320.	13.681	35.295	5.13	13.635	26.492	35.154	43.439	0.624	1508.1	318.	162.60	1.513
340.	13.553	35.276	5.09	13.504	26.505	35.172	43.463	0.657	1508.0	337.	161.94	1.448
360.	13.388	35.252	5.07	13.334	26.522	35.195	43.491	0.689	1507.7	357.	160.82	1.688
380.	13.236	35.235	5.07	13.182	26.537	35.217	43.518	0.721	1507.5	377.	159.82	1.628
400.	13.063	35.207	5.06	13.007	26.552	35.239	43.547	0.753	1507.2	397.	158.86	1.606
450.	12.634	35.140	5.03	12.572	26.588	35.292	43.617	0.832	1506.6	446.	156.57	1.575
500.	12.206	35.077	5.03	12.139	26.623	35.345	43.686	0.909	1505.9	496.	154.21	1.580
550.	11.685	35.003	5.05	11.614	26.665	35.409	43.771	0.986	1504.8	545.	151.02	1.740
600.	11.060	34.927	5.11	10.984	26.717	35.488	43.874	1.060	1503.4	595.	146.63	1.946
700.	9.773	34.776	5.06	9.691	26.830	35.657	44.096	1.202	1500.3	694.	136.60	2.037
800.	8.512	34.629	4.99	8.427	26.948	35.843	44.343	1.333	1496.4	793.	125.13	2.132
900.	7.247	34.538	4.88	7.158	27.032	35.976	44.525	1.454	1493.9	892.	116.90	1.832
1000.	5.776	34.433	4.9	5.687	27.144	36.159	44.775	1.565	1489.6	991.	104.70	2.147
1100.	4.645	34.387	4.86	4.556	27.239	36.311	44.980	1.665	1486.6	1089.	94.14	1.991
1200.	3.999	34.397	4.87	3.907	27.316	36.421	45.121	1.755	1485.6	1188.	86.16	1.741
1300.	3.556	34.440	4.87	3.454	27.396	36.524	45.245	1.837	1485.4	1287.	78.24	1.724
1400.	3.219	34.488	4.93	3.117	27.466	36.611	45.349	1.913	1485.8	1386.	71.34	1.613
1500.	3.037	34.535	4.92	2.929	27.512	36.667	45.413	1.981	1486.7	1484.	67.17	1.291
1600.	2.892	34.566	4.96	2.778	27.558	36.720	45.474	2.046	1487.8	1583.	63.03	1.282
1700.	2.724	34.611	4.93	2.603	27.610	36.780	45.542	2.107	1488.8	1681.	58.26	1.360
1800.	2.603	34.642	4.94	2.475	27.647	36.824	45.591	2.163	1490.0	1780.	54.95	1.160
1900.	2.521	34.663	4.94	2.386	27.670	36.851	45.623	2.218	1491.4	1878.	53.05	0.929
2000.	2.413	34.686	4.96	2.269	27.698	36.886	45.663	2.269	1492.6	1977.	50.50	1.038
2100.	2.359	34.697	4.98	2.208	27.712	36.903	45.683	2.320	1494.1	2075.	49.49	0.743
2200.	2.282	34.711	4.97	2.129	27.731	36.926	45.710	2.368	1495.4	2173.	47.92	0.858
2300.	2.217	34.721	4.97	2.048	27.745	36.944	45.732	2.416	1496.8	2271.	46.83	0.756
2400.	2.169	34.729	4.97	1.977	27.757	36.960	45.752	2.462	1498.3	2370.	45.81	0.736
2500.	2.085	34.734	4.96	1.898	27.766	36.973	45.769	2.507	1499.7	2468.	45.04	0.672
2600.	2.005	34.738	4.98	1.815	27.776	36.988	45.788	2.552	1501.0	2566.	44.14	0.700
2700.	1.930	34.739	4.99	1.732	27.788	37.000	45.804	2.596	1502.4	2664.	43.43	0.651
2800.	1.852	34.739	4.93	1.647	27.790	37.010	45.819	2.639	1503.8	2762.	42.79	0.625
2900.	1.752	34.736	4.96	1.539	27.796	37.023	45.837	2.681	1505.0	2860.	41.93	0.679
3000.	1.643	34.733	4.40	1.423	27.802	37.035	45.856	2.722	1506.3	2958.	40.94	0.706
3100.	1.565	34.731	4.42	1.337	27.806	37.044	45.869	2.763	1507.6	3056.	40.36	0.596
3200.	1.478	34.728	4.45	1.242	27.811	37.054	45.884	2.803	1508.9	3154.	39.59	0.643
3300.	1.397	34.726	4.49	1.154	27.815	37.064	45.898	2.842	1510.3	3251.	38.86	0.625
3400.	1.350	34.724	4.52	1.098	27.817	37.069	45.907	2.881	1511.8	3349.	38.56	0.491
3500.	1.291	34.721	4.54	1.030	27.819	37.075	45.917	2.919	1513.3	3447.	38.16	0.524
3600.	1.239	34.721	4.57	0.970	27.823	37.082	45.927	2.957	1514.7	3545.	37.66	0.548
3700.	1.203	34.718	4.56	0.924	27.824	37.086	45.933	2.994	1516.3	3642.	37.54	0.415
3800.	1.178	34.717	4.56	0.889	27.825	37.089	45.938	3.032	1517.9	3740.	37.42	0.414
3900.	1.159	34.716	4.58	0.860	27.826	37.092	45.943	3.069	1519.6	3837.	37.41	0.357
4000.	1.143	34.716	4.60	0.834	27.828	37.095	45.947	3.107	1521.2	3935.	37.40	0.363
4100.	1.110	34.714	4.62	0.791	27.829	37.099	45.953	3.144	1522.8	4032.	37.19	0.446
4200.	1.097	34.713	4.66	0.768	27.830	37.101	45.956	3.181	1524.5	4130.	37.24	0.333
4300.	1.082	34.712	4.66	0.743	27.830	37.103	45.960	3.218	1526.1	4227.	37.28	0.333
4400.	1.073	34.711	4.67	0.723	27.831	37.104	45.962	3.256	1527.8	4324.	37.38	0.300
4500.	1.063	34.710	4.69	0.702	27.831	37.106	45.965	3.293	1529.5	4422.	37.45	0.319
4600.	1.056	34.709	4.69	0.684	27.832	37.108	45.968	3.331	1531.2	4519.	37.55	0.305
4700.	1.048	34.708	4.71	0.664	27.833	37.110	45.971	3.368	1532.9	4616.	37.64	0.309
4800.	1.042	34.708	4.74	0.647	27.833	37.111	45.974	3.406	1534.7	4713.	37.73	0.316
4900.	1.040	34.707	4.78	0.634	27.834	37.112	45.975	3.444	1536.4	4810.	37.92	0.247
5000.	1.040	34.707	4.78	0.622	27.834	37.113	45.977	3.482	1538.2	4907.	38.11	0.255
5100.	1.040	34.705	4.81	0.609	27.834	37.114	45.978	3.520	1539.9	5005.	38.35	0.215
5200.	1.042	34.705	4.82	0.599	27.834	37.115	45.980	3.558	1541.7	5102.	38.55	0.253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SALIN PPT
OXYGEN ML/L
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START 17/132735
STOP 17/143145
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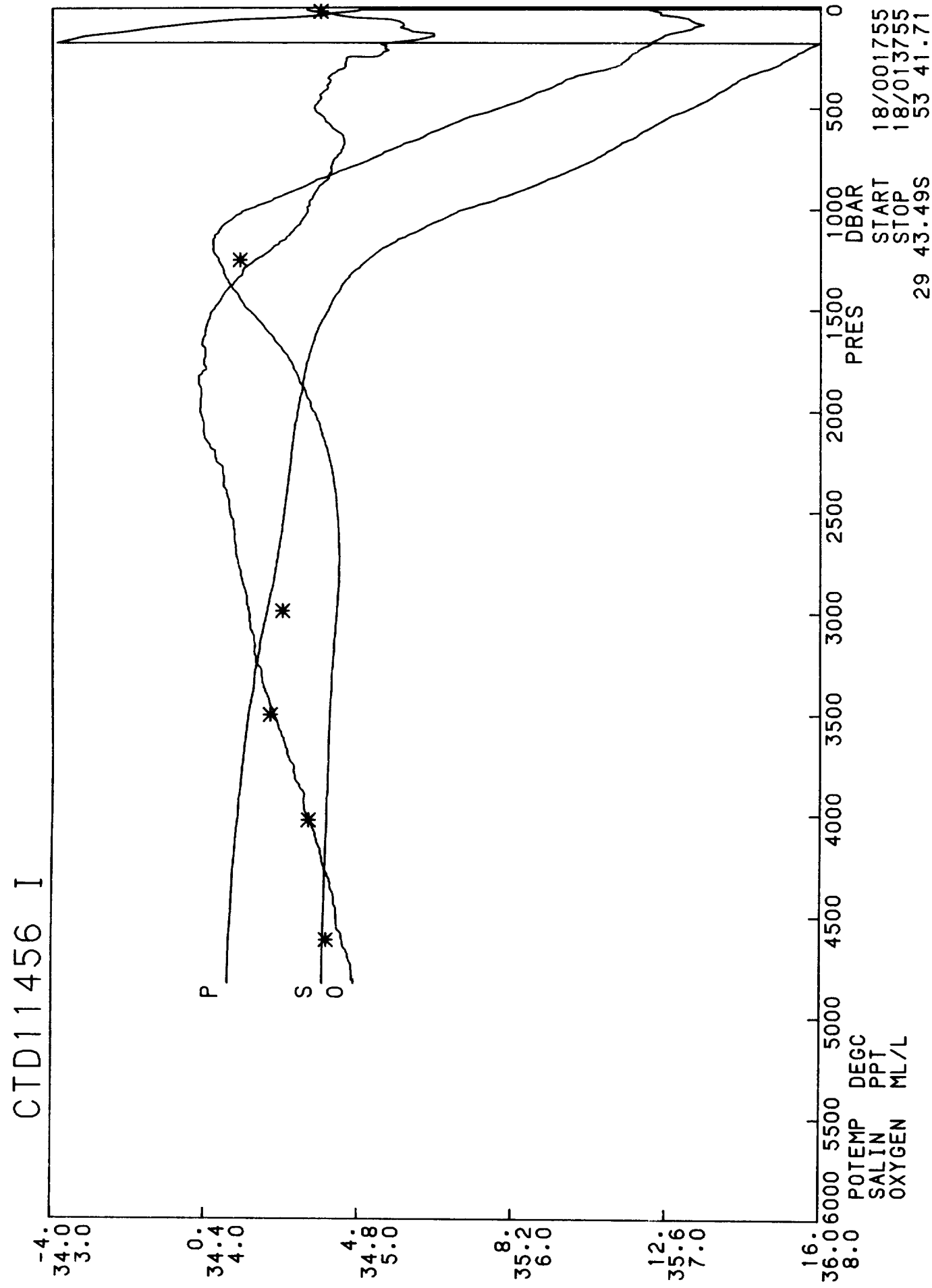
DISCOVERY 164 STATION 11455

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	22.001	35.691	5.07	21.997	24.745	33.128	41.151	0.065	1527.9	20.	319.90	-999.000
40.	20.339	35.674	5.48	20.331	25.187	33.619	41.688	0.125	1523.8	40.	278.36	8.387
60.	18.587	35.639	5.84	18.576	25.618	34.105	42.225	0.176	1519.2	60.	238.24	8.244
80.	17.596	35.610	5.89	17.582	25.843	34.362	42.513	0.222	1516.6	79.	217.50	5.977
100.	16.819	35.584	5.85	16.802	26.010	34.556	42.731	0.263	1514.6	99.	202.25	5.156
120.	16.391	35.574	5.63	16.372	26.104	34.664	42.854	0.303	1513.6	119.	193.97	3.868
140.	16.099	35.558	5.48	16.077	26.160	34.731	42.930	0.341	1513.1	139.	189.27	2.994
160.	15.908	35.547	5.45	15.883	26.196	34.773	42.979	0.379	1512.8	159.	186.53	2.389
180.	15.697	35.535	5.36	15.668	26.236	34.821	43.034	0.416	1512.4	179.	183.36	2.531
200.	15.492	35.523	5.30	15.461	26.274	34.866	43.086	0.452	1512.1	199.	180.38	2.465
220.	15.248	35.501	5.27	15.214	26.312	34.913	43.142	0.488	1511.7	218.	177.32	2.494
240.	15.068	35.486	5.23	15.031	26.341	34.949	43.183	0.523	1511.4	238.	175.19	2.153
260.	14.875	35.466	5.01	14.835	26.368	34.984	43.225	0.558	1511.1	258.	173.15	2.117
280.	14.654	35.434	5.01	14.612	26.392	35.016	43.265	0.592	1510.7	278.	171.41	1.993
300.	14.405	35.393	4.99	14.361	26.415	35.049	43.307	0.627	1510.2	298.	169.72	1.968
320.	14.214	35.366	4.95	14.167	26.436	35.077	43.342	0.660	1509.9	318.	168.30	1.850
340.	14.012	35.338	4.93	13.962	26.457	35.106	43.379	0.694	1509.5	337.	166.72	1.913
360.	13.819	35.316	4.91	13.767	26.481	35.138	43.417	0.727	1509.2	357.	164.98	1.982
380.	13.611	35.284	4.90	13.557	26.500	35.165	43.452	0.760	1508.8	377.	163.62	1.808
400.	13.440	35.259	4.88	13.383	26.516	35.188	43.482	0.792	1508.6	397.	162.53	1.680
450.	13.091	35.212	4.85	13.028	26.552	35.238	43.545	0.873	1508.2	446.	160.33	1.562
500.	12.614	35.138	4.82	12.546	26.591	35.297	43.622	0.953	1507.3	496.	157.61	1.665
550.	12.072	35.058	4.82	11.999	26.635	35.363	43.710	1.031	1506.2	545.	154.25	1.778
600.	11.457	34.975	4.88	11.380	26.687	35.441	43.812	1.107	1504.8	595.	149.94	1.939
700.	10.275	34.828	4.92	10.191	26.785	35.590	44.009	1.253	1502.1	694.	141.55	1.904
800.	8.780	34.676	4.86	8.692	26.914	35.786	44.267	1.389	1498.2	793.	129.17	2.208
900.	7.264	34.545	4.81	7.175	27.036	35.979	44.526	1.512	1493.9	892.	116.63	2.198
1000.	6.092	34.456	4.75	6.001	27.123	36.123	44.724	1.623	1490.9	991.	107.41	1.902
1100.	5.011	34.405	4.65	4.919	27.213	36.266	44.918	1.726	1488.1	1090.	97.59	1.935
1200.	4.041	34.397	4.52	3.949	27.312	36.414	45.112	1.817	1485.8	1188.	86.71	2.006
1300.	3.557	34.428	4.33	3.460	27.386	36.513	45.235	1.900	1485.5	1287.	79.19	1.684
1400.	3.266	34.486	4.16	3.163	27.460	36.603	45.338	1.976	1486.0	1386.	72.11	1.633
1500.	3.060	34.533	4.05	2.952	27.516	36.669	45.414	2.045	1486.8	1484.	66.88	1.422
1600.	2.882	34.574	4.01	2.768	27.566	36.729	45.482	2.110	1487.8	1583.	62.27	1.344
1700.	2.739	34.612	3.99	2.618	27.610	36.780	45.540	2.170	1488.9	1681.	58.33	1.252
1800.	2.620	34.648	3.99	2.491	27.650	36.826	45.592	2.226	1490.1	1780.	54.78	1.195
1900.	2.541	34.673	4.00	2.405	27.677	36.857	45.627	2.280	1491.5	1878.	52.53	0.991
2000.	2.460	34.698	4.02	2.316	27.704	36.888	45.663	2.332	1492.8	1977.	50.25	0.994
2100.	2.395	34.712	4.04	2.243	27.721	36.910	45.688	2.381	1494.2	2075.	48.89	0.821
2200.	2.332	34.722	4.05	2.173	27.735	36.927	45.709	2.429	1495.7	2173.	47.84	0.752
2300.	2.273	34.733	4.08	2.106	27.749	36.945	45.729	2.477	1497.1	2272.	46.77	0.751
2400.	2.223	34.740	4.11	2.047	27.759	36.958	45.746	2.523	1498.6	2370.	46.07	0.661
2500.	2.169	34.745	4.13	1.986	27.768	36.970	45.761	2.569	1500.1	2468.	45.44	0.643
2600.	2.105	34.748	4.16	1.913	27.777	36.983	45.777	2.614	1501.5	2566.	44.74	0.655
2700.	2.050	34.749	4.17	1.830	27.784	36.994	45.793	2.659	1502.9	2664.	44.12	0.632
2800.	1.959	34.748	4.21	1.751	27.789	37.004	45.807	2.702	1504.2	2762.	43.60	0.601
2900.	1.863	34.745	4.23	1.648	27.794	37.015	45.824	2.746	1505.5	2860.	42.87	0.653
3000.	1.758	34.740	4.25	1.535	27.799	37.026	45.840	2.788	1506.8	2958.	42.09	0.660
3100.	1.664	34.735	4.28	1.434	27.803	37.035	45.855	2.830	1508.1	3056.	41.43	0.622
3200.	1.556	34.729	4.31	1.318	27.806	37.045	45.871	2.871	1509.3	3154.	40.62	0.657
3300.	1.495	34.727	4.36	1.250	27.809	37.052	45.882	2.911	1510.7	3252.	40.23	0.534
3400.	1.394	34.724	4.45	1.140	27.814	37.064	45.899	2.951	1512.0	3350.	39.22	0.700
3500.	1.319	34.721	4.52	1.058	27.817	37.072	45.912	2.990	1513.4	3447.	38.59	0.597
3600.	1.281	34.720	4.55	1.010	27.820	37.077	45.919	3.028	1514.9	3545.	38.34	0.466
3700.	1.245	34.718	4.57	0.965	27.821	37.081	45.926	3.067	1516.5	3643.	38.14	0.453
3800.	1.187	34.717	4.63	0.898	27.825	37.088	45.937	3.105	1518.0	3740.	37.56	0.572
3900.	1.166	34.716	4.68	0.867	27.826	37.091	45.941	3.142	1519.6	3838.	37.51	0.382
4000.	1.131	34.715	4.72	0.823	27.828	37.096	45.948	3.179	1521.2	3935.	37.26	0.461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PRES DBAR
START 18/001755
STOP 18/013755
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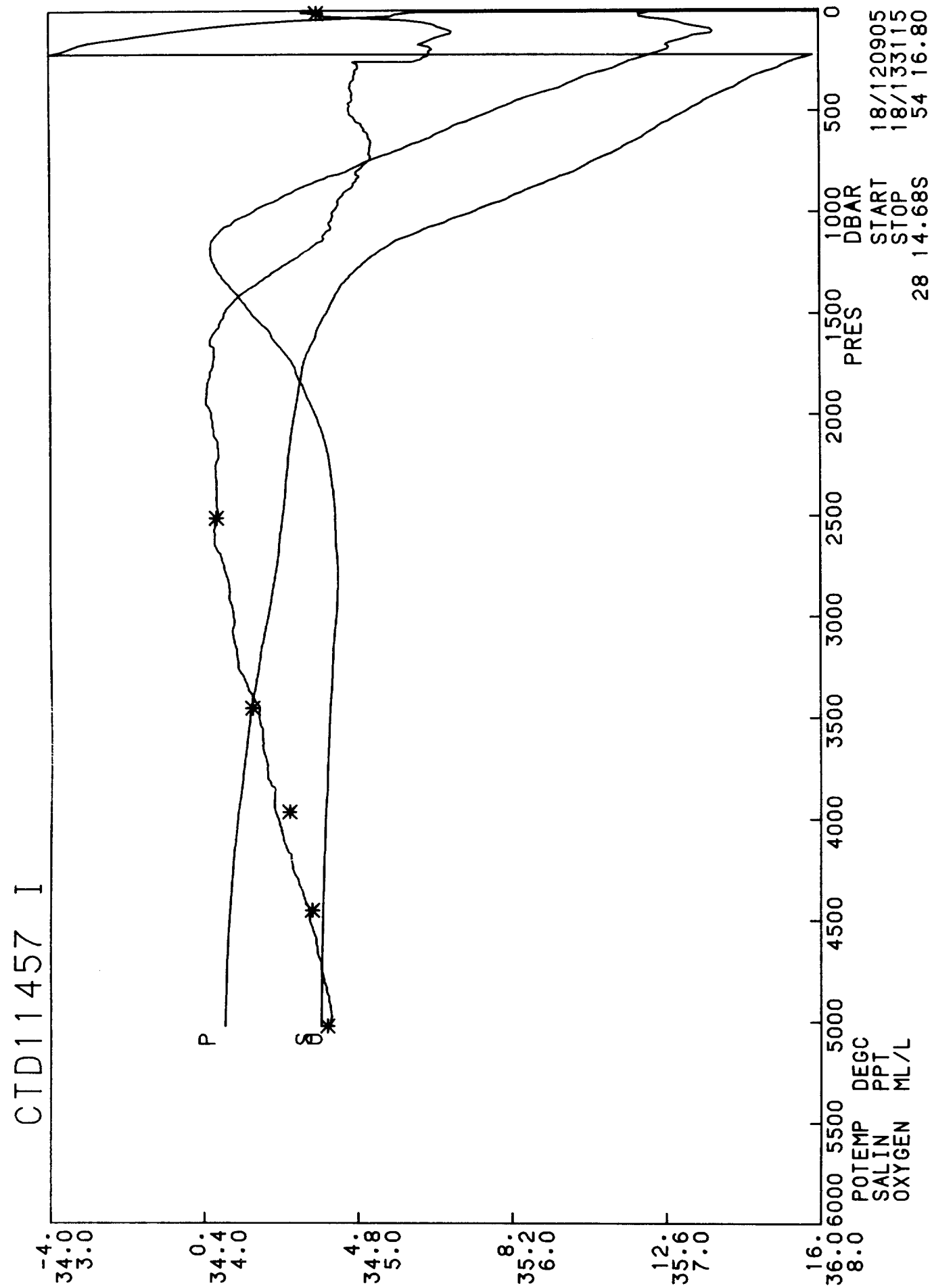
DISCOVERY 164 STATION 11456

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	24.043	35.552	4.67	24.041	24.049	32.377	40.349	0.039	1532.8	10.	385.86	-999.000
20.	23.691	35.572	4.73	23.687	24.168	32.506	40.486	0.077	1532.1	20.	374.87	6.155
40.	22.828	35.597	4.89	22.819	24.439	32.800	40.803	0.149	1530.3	40.	349.86	6.552
60.	20.631	35.659	5.22	20.620	25.100	33.523	41.584	0.213	1524.9	60.	287.69	10.226
80.	19.429	35.681	5.29	19.414	25.436	33.895	41.991	0.267	1522.0	79.	256.46	7.295
100.	18.490	35.670	5.28	18.472	25.669	34.158	42.282	0.316	1519.6	99.	234.95	6.087
120.	17.743	35.637	5.36	17.723	25.829	34.343	42.490	0.362	1517.7	119.	220.32	5.058
140.	16.807	35.594	5.49	16.784	26.022	34.568	42.744	0.404	1515.2	139.	202.55	5.548
160.	16.357	35.575	5.36	16.331	26.114	34.676	42.866	0.444	1514.2	159.	194.41	3.837
180.	16.006	35.559	5.14	15.977	26.184	34.758	42.960	0.482	1513.4	179.	188.40	3.341
200.	15.749	35.537	5.17	15.718	26.226	34.810	43.021	0.519	1512.9	199.	184.95	2.622
220.	15.578	35.522	5.15	15.543	26.254	34.843	43.060	0.556	1512.7	218.	182.96	2.108
240.	15.390	35.505	5.11	15.353	26.284	34.880	43.104	0.592	1512.5	238.	180.69	2.210
260.	15.188	35.494	4.91	15.148	26.321	34.925	43.155	0.628	1512.1	258.	177.75	2.449
280.	15.014	35.481	4.91	14.972	26.350	34.960	43.197	0.664	1511.9	278.	175.59	2.168
300.	14.797	35.454	4.89	14.751	26.377	34.996	43.240	0.698	1511.5	298.	173.51	2.130
320.	14.466	35.406	4.84	14.418	26.413	35.044	43.300	0.733	1510.7	318.	170.61	2.429
340.	14.166	35.361	4.80	14.116	26.443	35.086	43.353	0.767	1510.1	337.	168.22	2.242
360.	13.939	35.334	4.81	13.887	26.470	35.122	43.397	0.800	1509.6	357.	166.12	2.130
380.	13.785	35.315	4.79	13.730	26.488	35.146	43.427	0.833	1509.4	377.	164.93	1.730
400.	13.636	35.295	4.79	13.579	26.504	35.168	43.454	0.866	1509.2	397.	163.89	1.656
450.	13.205	35.230	4.75	13.142	26.543	35.225	43.528	0.948	1508.6	446.	161.26	1.655
500.	12.695	35.158	4.71	12.626	26.590	35.293	43.615	1.027	1507.6	496.	157.75	1.817
550.	12.070	35.071	4.78	11.997	26.646	35.374	43.720	1.105	1506.2	546.	153.25	1.982
600.	11.616	35.009	4.84	11.538	26.684	35.431	43.796	1.181	1505.4	595.	150.40	1.672
700.	10.667	34.882	4.88	10.581	26.759	35.547	43.950	1.328	1503.6	694.	144.58	1.669
800.	9.639	34.756	4.82	9.546	26.839	35.672	44.118	1.470	1501.4	793.	137.71	1.752
900.	8.374	34.632	4.72	8.277	26.943	35.834	44.333	1.602	1498.3	892.	127.57	2.022
1000.	6.760	34.502	4.66	6.664	27.072	36.039	44.610	1.723	1493.6	991.	113.74	2.288
1100.	5.659	34.433	4.57	5.562	27.159	36.181	44.802	1.832	1490.8	1090.	104.29	1.914
1200.	4.621	34.418	4.41	4.523	27.268	36.341	45.011	1.931	1488.2	1188.	92.52	2.091
1300.	3.977	34.446	4.24	3.876	27.358	36.464	45.165	2.018	1487.2	1287.	83.12	1.874
1400.	3.575	34.474	4.13	3.469	27.421	36.547	45.268	2.098	1487.2	1386.	76.82	1.558
1500.	3.282	34.512	4.04	3.171	27.480	36.622	45.356	2.172	1487.7	1484.	71.09	1.488
1600.	3.007	34.559	3.99	2.891	27.543	36.699	45.446	2.240	1488.3	1583.	64.94	1.529
1700.	2.834	34.601	3.99	2.711	27.593	36.758	45.514	2.302	1489.3	1682.	60.31	1.345
1800.	2.697	34.633	3.98	2.567	27.631	36.803	45.565	2.361	1490.4	1780.	56.87	1.182
1900.	2.621	34.659	3.97	2.484	27.659	36.835	45.602	2.416	1491.8	1879.	54.55	1.008
2000.	2.514	34.682	3.96	2.370	27.686	36.868	45.641	2.470	1493.0	1977.	52.10	1.025
2100.	2.430	34.701	3.98	2.278	27.710	36.897	45.673	2.521	1494.4	2075.	50.10	0.946
2200.	2.372	34.718	4.06	2.212	27.728	36.918	45.698	2.570	1495.8	2174.	48.68	0.831
2300.	2.326	34.730	4.11	2.158	27.743	36.935	45.718	2.618	1497.3	2272.	47.67	0.742
2400.	2.271	34.738	4.13	2.095	27.754	36.950	45.736	2.665	1498.8	2370.	46.83	0.700
2500.	2.207	34.742	4.16	2.023	27.763	36.963	45.752	2.712	1500.2	2468.	46.12	0.664
2600.	2.154	34.746	4.19	1.961	27.771	36.975	45.767	2.758	1501.7	2566.	45.57	0.620
2700.	2.073	34.748	4.19	1.872	27.780	36.988	45.785	2.803	1503.0	2665.	44.77	0.681
2800.	1.996	34.747	4.23	1.788	27.785	36.998	45.799	2.847	1504.4	2763.	44.19	0.620
2900.	1.895	34.744	4.26	1.679	27.791	37.010	45.817	2.891	1505.7	2861.	43.39	0.671
3000.	1.799	34.741	4.28	1.575	27.797	37.021	45.834	2.934	1506.9	2959.	42.61	0.663
3100.	1.688	34.736	4.31	1.457	27.802	37.033	45.852	2.976	1508.2	3056.	41.70	0.692
3200.	1.604	34.732	4.32	1.365	27.805	37.042	45.865	3.018	1509.5	3154.	41.09	0.605
3300.	1.505	34.728	4.36	1.259	27.809	37.052	45.881	3.058	1510.8	3252.	40.31	0.647
3400.	1.457	34.726	4.40	1.202	27.811	37.057	45.889	3.099	1512.3	3350.	40.02	0.498
3500.	1.359	34.722	4.44	1.096	27.816	37.068	45.906	3.138	1513.6	3448.	39.09	0.679
3600.	1.304	34.720	4.49	1.032	27.818	37.074	45.915	3.177	1515.0	3545.	38.66	0.533
3700.	1.250	34.719	4.53	0.970	27.821	37.081	45.925	3.215	1516.5	3643.	38.20	0.541
3800.	1.202	34.717	4.58	0.912	27.824	37.086	45.934	3.253	1518.0	3741.	37.80	0.520
3900.	1.163	34.716	4.64	0.864	27.826	37.091	45.941	3.291	1519.6	3838.	37.51	0.475
4000.	1.135	34.714	4.66	0.826	27.827	37.095	45.947	3.328	1521.2	3936.	37.35	0.427
4100.	1.086	34.713	4.71	0.769	27.830	37.101	45.956	3.366	1522.7	4033.	36.88	0.539
4200.	1.068	34.712	4.75	0.739	27.831	37.103	45.961	3.402	1524.3	4131.	36.84	0.370
4300.	1.032	34.710	4.80	0.694	27.832	37.108	45.967	3.439	1525.9	4228.	36.56	0.470
4400.	1.019	34.709	4.84	0.671	27.833	37.109	45.970	3.476	1527.6	4325.	36.62	0.318
4500.	1.009	34.708	4.85	0.649	27.833	37.111	45.973	3.512	1529.3	4423.	36.69	0.312
4600.	0.983	34.707	4.89	0.613	27.834	37.114	45.979	3.549	1530.9	4520.	36.50	0.434
4700.	0.981	34.706	4.93	0.600	27.834	37.115	45.980	3.586	1532.7	4617.	36.70	0.228
4800.	0.984	34.706	4.95	0.591	27.835	37.116	45.982	3.622	1534.4	4714.	36.90	0.232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POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 18/120905
STOP 18/133115
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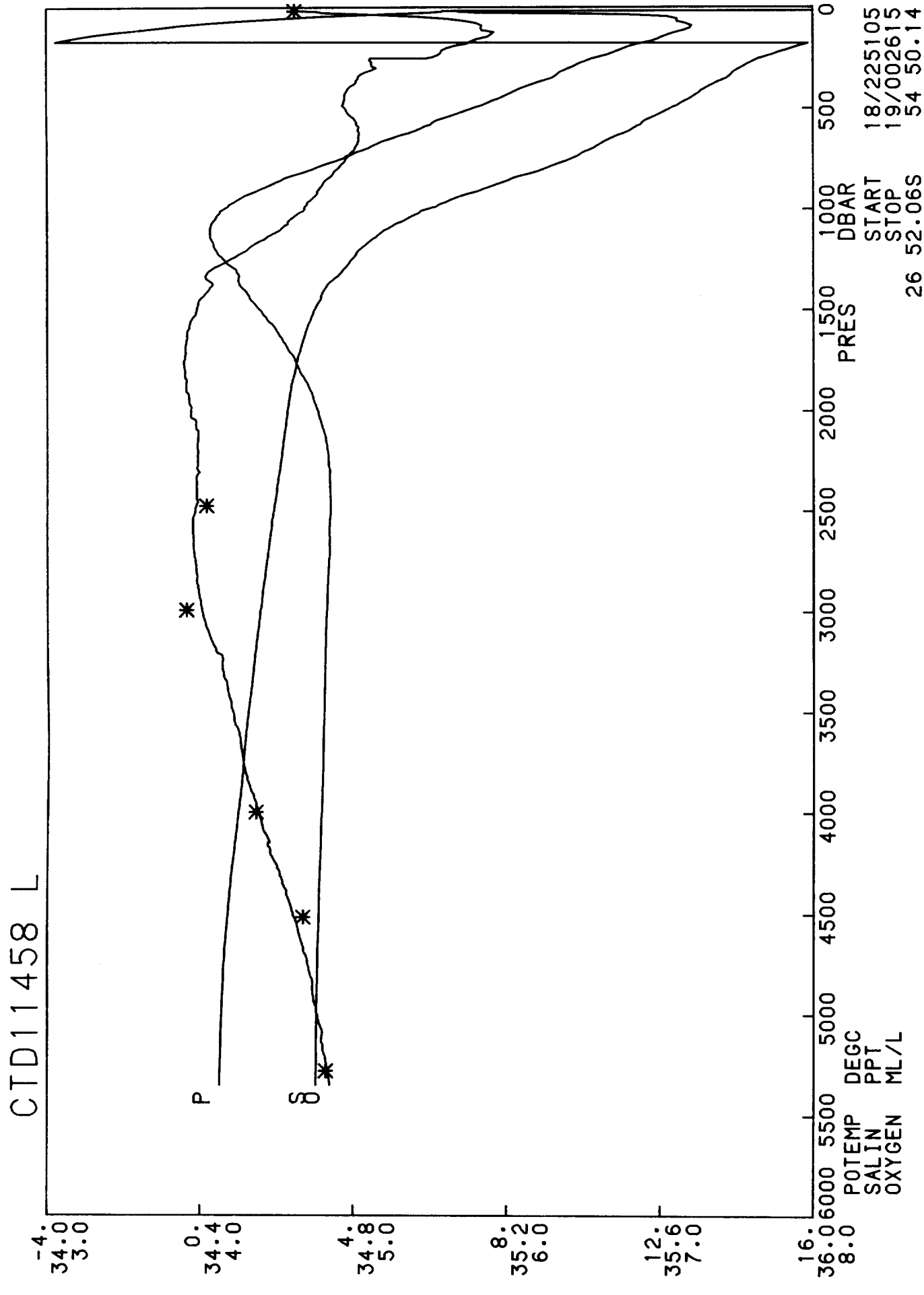
DISCOVERY 164 STATION 11457

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	25.406	35.556	4.64	25.404	23.640	31.932	39.871	0.043	1536.1	10.	424.87	-999.000
20.	24.999	35.533	4.77	24.995	23.747	32.050	39.999	0.085	1535.3	20.	415.08	5.826
40.	23.433	35.567	5.11	23.424	24.241	32.585	40.573	0.165	1531.8	40.	368.75	8.845
60.	21.434	35.637	5.44	21.422	24.864	33.264	41.304	0.232	1527.1	60.	310.17	9.930
80.	20.192	35.682	5.53	20.177	25.236	33.672	41.746	0.291	1524.1	79.	275.53	7.675
100.	19.284	35.723	5.61	19.266	25.506	33.970	42.069	0.343	1521.9	99.	250.52	6.548
120.	18.507	35.691	5.58	18.486	25.681	34.170	42.292	0.392	1520.0	119.	234.54	5.278
140.	17.718	35.650	5.49	17.694	25.846	34.361	42.508	0.437	1518.0	139.	219.44	5.135
160.	16.986	35.611	5.43	16.960	25.994	34.534	42.704	0.480	1516.1	159.	205.96	4.863
180.	16.627	35.610	5.47	16.598	26.079	34.631	42.813	0.520	1515.4	179.	198.53	3.683
200.	16.345	35.594	5.47	16.313	26.133	34.695	42.886	0.559	1514.8	199.	194.02	2.945
220.	15.916	35.559	5.47	15.881	26.206	34.783	42.989	0.597	1513.8	218.	187.63	3.433
240.	15.530	35.525	5.42	15.492	26.268	34.859	43.078	0.634	1512.9	238.	182.26	3.176
260.	15.232	35.495	4.99	15.192	26.312	34.914	43.143	0.670	1512.3	258.	178.63	2.675
280.	15.019	35.471	5.01	14.976	26.341	34.952	43.188	0.706	1511.9	278.	176.40	2.192
300.	14.742	35.437	4.99	14.697	26.376	34.997	43.243	0.741	1511.3	298.	173.58	2.403
320.	14.418	35.398	4.98	14.371	26.417	35.050	43.308	0.775	1510.6	318.	170.19	2.590
340.	14.214	35.374	4.98	14.164	26.442	35.083	43.349	0.809	1510.2	337.	168.28	2.057
360.	14.021	35.349	4.96	13.968	26.465	35.113	43.386	0.843	1509.9	357.	166.65	1.937
380.	13.867	35.329	4.95	13.811	26.481	35.136	43.414	0.876	1509.7	377.	165.57	1.681
400.	13.614	35.293	4.97	13.556	26.507	35.172	43.459	0.909	1509.2	397.	163.59	2.077
450.	13.066	35.211	4.97	13.003	26.557	35.244	43.552	0.990	1508.1	447.	159.86	1.862
500.	12.635	35.151	4.95	12.567	26.597	35.301	43.626	1.069	1507.4	496.	157.12	1.668
550.	12.162	35.086	4.99	12.089	26.640	35.364	43.707	1.147	1506.6	546.	153.94	1.745
600.	11.702	35.022	5.05	11.624	26.678	35.422	43.783	1.223	1505.7	595.	151.07	1.676
700.	10.784	34.896	5.08	10.697	26.749	35.532	43.930	1.371	1504.0	694.	145.64	1.631
800.	9.720	34.770	4.99	9.627	26.836	35.666	44.108	1.513	1501.7	793.	138.11	1.816
900.	8.371	34.631	4.92	8.274	26.943	35.834	44.333	1.646	1498.2	892.	127.60	2.054
1000.	7.077	34.525	4.84	6.978	27.048	36.000	44.556	1.768	1494.8	991.	116.77	2.057
1100.	5.629	34.438	4.79	5.532	27.167	36.189	44.812	1.878	1490.7	1090.	103.52	2.226
1200.	4.583	34.418	4.64	4.485	27.272	36.347	45.019	1.975	1488.1	1189.	92.03	2.067
1300.	3.953	34.441	4.44	3.852	27.357	36.464	45.166	2.062	1487.1	1287.	83.16	1.825
1400.	3.540	34.486	4.25	3.435	27.434	36.562	45.284	2.142	1487.1	1386.	75.49	1.700
1500.	3.277	34.526	4.13	3.166	27.491	36.633	45.367	2.214	1487.7	1485.	70.03	1.456
1600.	3.020	34.575	4.06	2.904	27.554	36.709	45.456	2.281	1488.4	1583.	63.94	1.523
1700.	2.787	34.613	4.07	2.665	27.606	36.774	45.532	2.343	1489.1	1682.	58.85	1.401
1800.	2.660	34.641	4.04	2.531	27.640	36.814	45.579	2.400	1490.3	1780.	55.81	1.123
1900.	2.570	34.666	4.02	2.433	27.669	36.847	45.616	2.454	1491.6	1879.	53.41	1.018
2000.	2.487	34.690	4.04	2.343	27.695	36.879	45.652	2.506	1492.9	1977.	51.16	0.991
2100.	2.405	34.709	4.06	2.254	27.718	36.906	45.684	2.557	1494.3	2076.	49.20	0.937
2200.	2.343	34.723	4.10	2.183	27.735	36.927	45.708	2.605	1495.7	2174.	47.90	0.805
2300.	2.305	34.730	4.08	2.137	27.744	36.938	45.722	2.653	1497.3	2272.	47.38	0.620
2400.	2.271	34.737	4.08	2.095	27.754	36.950	45.735	2.700	1498.8	2370.	46.89	0.607
2500.	2.215	34.740	4.08	2.030	27.761	36.961	45.749	2.746	1500.3	2469.	46.38	0.610
2600.	2.148	34.742	4.07	1.955	27.768	36.972	45.765	2.792	1501.7	2567.	45.80	0.628
2700.	2.115	34.746	4.11	1.914	27.775	36.981	45.776	2.838	1503.2	2665.	45.46	0.554
2800.	2.037	34.747	4.15	1.828	27.783	36.993	45.792	2.883	1504.6	2763.	44.73	0.664
2900.	1.957	34.745	4.16	1.740	27.788	37.004	45.807	2.928	1505.9	2861.	44.14	0.620
3000.	1.875	34.743	4.19	1.650	27.793	37.013	45.822	2.972	1507.3	2959.	43.55	0.616
3100.	1.771	34.737	4.19	1.538	27.796	37.023	45.838	3.015	1508.5	3057.	42.82	0.648
3200.	1.685	34.734	4.22	1.444	27.801	37.033	45.852	3.057	1509.9	3155.	42.15	0.628
3300.	1.602	34.731	4.26	1.353	27.805	37.043	45.867	3.099	1511.2	3253.	41.43	0.636
3400.	1.497	34.727	4.32	1.241	27.810	37.054	45.884	3.140	1512.4	3350.	40.48	0.694
3500.	1.426	34.724	4.35	1.161	27.813	37.061	45.896	3.180	1513.9	3448.	39.94	0.575
3600.	1.370	34.722	4.38	1.097	27.815	37.067	45.905	3.220	1515.3	3546.	39.55	0.524
3700.	1.310	34.720	4.40	1.028	27.818	37.074	45.916	3.259	1516.8	3643.	39.03	0.563
3800.	1.260	34.718	4.41	0.969	27.821	37.080	45.925	3.298	1518.3	3741.	38.63	0.520
3900.	1.206	34.715	4.45	0.906	27.823	37.086	45.934	3.337	1519.8	3839.	38.19	0.533
4000.	1.150	34.713	4.48	0.841	27.825	37.092	45.944	3.374	1521.2	3936.	37.68	0.555
4100.	1.113	34.712	4.51	0.795	27.827	37.097	45.951	3.412	1522.8	4034.	37.39	0.477
4200.	1.070	34.710	4.57	0.742	27.829	37.102	45.959	3.449	1524.4	4131.	37.01	0.503
4300.	1.046	34.709	4.61	0.707	27.831	37.105	45.964	3.486	1526.0	4229.	36.86	0.421
4400.	1.016	34.708	4.66	0.668	27.832	37.109	45.970	3.523	1527.6	4326.	36.66	0.437
4500.	0.995	34.707	4.69	0.636	27.833	37.112	45.975	3.559	1529.2	4423.	36.54	0.402
4600.	0.977	34.706	4.73	0.607	27.834	37.114	45.979	3.596	1530.9	4521.	36.46	0.388
4700.	0.960	34.705	4.76	0.579	27.835	37.117	45.983	3.632	1532.6	4618.	36.41	0.371
4800.	0.956	34.705	4.78	0.564	27.836	37.119	45.985	3.669	1534.3	4715.	36.49	0.307
4900.	0.950	34.704	4.81	0.546	27.836	37.120	45.988	3.705	1536.0	4812.	36.59	0.299
5000.	0.948	34.703	4.82	0.533	27.837	37.121	45.990	3.742	1537.7	4909.	36.75	0.262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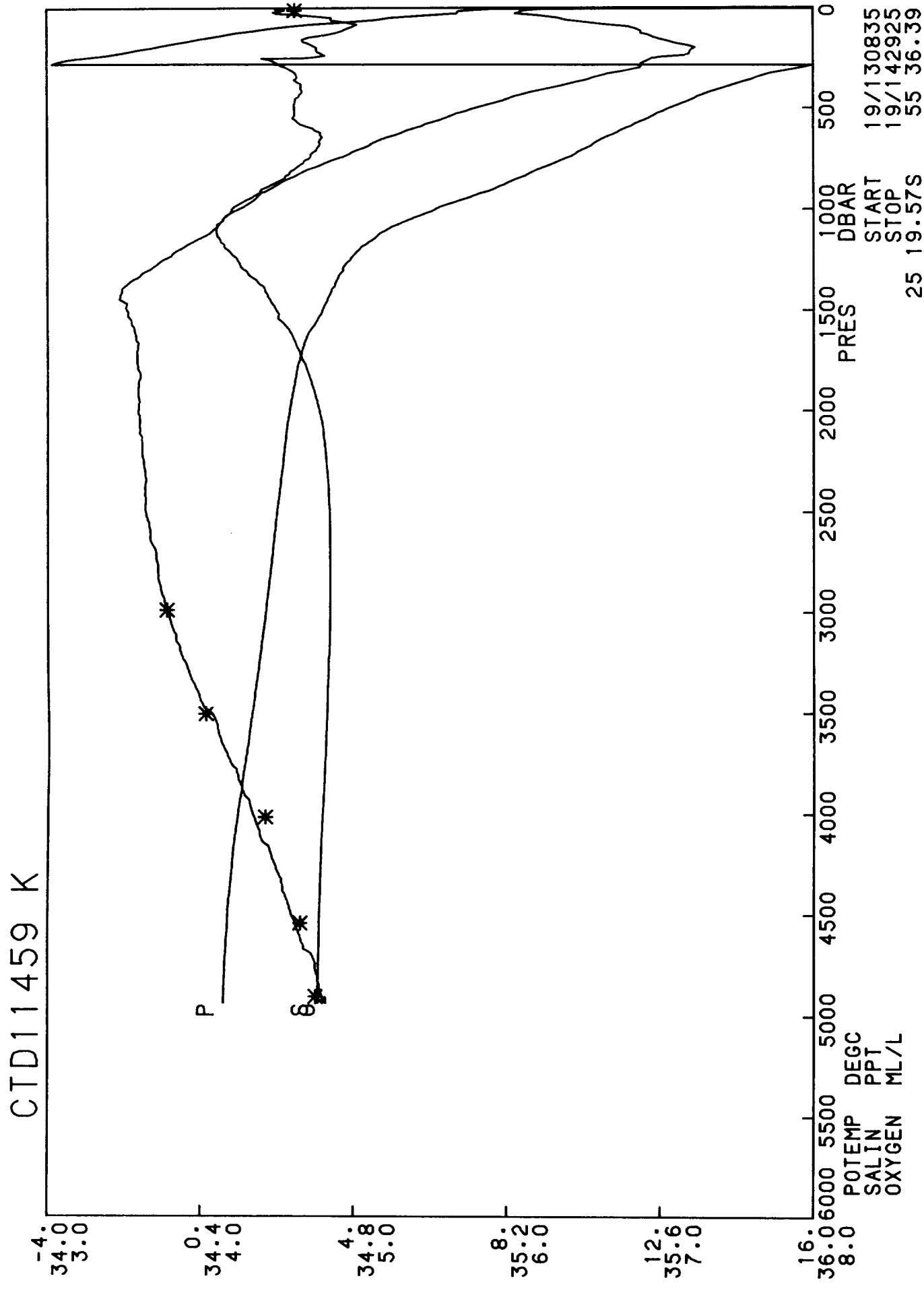
DISCOVERY 164 STATION 11458

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
20.	26.342	35.076	4.74	26.337	22.987	31.261	39.183	0.098	1538.0	20.	487.70	-999.000
40.	23.983	35.556	5.24	23.974	24.070	32.400	40.374	0.186	1533.2	40.	384.96	13.098
60.	21.771	35.645	5.65	21.759	24.776	33.167	41.197	0.255	1528.0	60.	318.51	10.566
80.	20.138	35.669	5.81	20.123	25.240	33.679	41.754	0.315	1523.9	79.	275.10	8.571
100.	19.020	35.680	5.84	19.003	25.541	34.014	42.121	0.366	1521.1	99.	247.13	6.913
120.	18.015	35.649	5.89	17.995	25.772	34.277	42.415	0.414	1518.6	119.	225.83	6.057
140.	17.113	35.616	5.89	17.090	25.966	34.501	42.668	0.457	1516.2	139.	207.93	5.570
160.	16.485	35.589	5.80	16.459	26.095	34.652	42.839	0.497	1514.6	159.	196.22	4.547
180.	15.879	35.546	5.74	15.850	26.203	34.781	42.988	0.536	1513.0	179.	186.56	4.152
200.	15.510	35.511	5.62	15.479	26.260	34.852	43.071	0.573	1512.2	199.	181.71	3.035
220.	15.177	35.483	5.57	15.144	26.314	34.918	43.149	0.608	1511.4	218.	177.12	2.958
240.	14.863	35.451	5.54	14.827	26.359	34.975	43.216	0.644	1510.7	238.	173.38	2.705
260.	14.543	35.414	5.11	14.505	26.400	35.028	43.281	0.678	1510.0	258.	169.94	2.607
280.	14.331	35.387	5.12	14.290	26.426	35.062	43.323	0.712	1509.6	278.	168.07	2.042
300.	14.143	35.364	5.15	14.099	26.448	35.092	43.360	0.745	1509.3	298.	166.42	1.945
320.	13.965	35.340	5.08	13.918	26.468	35.118	43.393	0.778	1509.0	318.	165.10	1.797
340.	13.868	35.327	5.04	13.819	26.479	35.133	43.411	0.811	1509.0	337.	164.62	1.350
360.	13.681	35.301	5.02	13.629	26.498	35.160	43.445	0.844	1508.7	357.	163.24	1.818
380.	13.447	35.268	5.01	13.394	26.521	35.192	43.486	0.876	1508.3	377.	161.53	1.965
400.	13.248	35.239	4.97	13.192	26.540	35.219	43.520	0.909	1507.9	397.	160.19	1.795
450.	12.851	35.182	4.94	12.789	26.576	35.272	43.588	0.988	1507.3	447.	157.82	1.594
500.	12.346	35.111	4.95	12.279	26.622	35.338	43.674	1.066	1506.4	496.	154.43	1.789
550.	11.795	35.033	5.01	11.723	26.668	35.407	43.765	1.143	1505.2	546.	150.84	1.817
600.	11.368	34.975	5.03	11.291	26.704	35.461	43.835	1.217	1504.5	595.	148.28	1.605
700.	10.303	34.833	5.01	10.218	26.785	35.588	44.006	1.362	1502.3	694.	141.62	1.745
800.	9.066	34.696	4.90	8.976	26.884	35.743	44.212	1.500	1499.3	793.	132.47	1.950
900.	7.496	34.558	4.78	7.405	27.014	35.946	44.483	1.625	1494.8	892.	119.17	2.259
1000.	6.023	34.461	4.68	5.932	27.136	36.139	44.742	1.738	1490.6	991.	106.07	2.220
1100.	4.969	34.426	4.53	4.877	27.234	36.289	44.943	1.838	1488.0	1090.	95.50	1.997
1200.	4.266	34.441	4.31	4.171	27.323	36.414	45.101	1.929	1486.8	1189.	86.29	1.863
1300.	3.838	34.494	4.07	3.739	27.410	36.523	45.229	2.012	1486.7	1287.	77.83	1.783
1400.	3.344	34.516	4.06	3.241	27.476	36.614	45.345	2.086	1486.3	1386.	70.91	1.621
1500.	3.090	34.557	3.98	2.982	27.533	36.684	45.427	2.154	1487.0	1485.	65.46	1.451
1600.	2.884	34.599	3.92	2.769	27.586	36.748	45.501	2.217	1487.8	1583.	60.47	1.392
1700.	2.731	34.632	3.90	2.609	27.626	36.796	45.556	2.276	1488.9	1682.	56.81	1.213
1800.	2.603	34.660	3.90	2.475	27.661	36.837	45.604	2.331	1490.0	1781.	53.69	1.134
1900.	2.489	34.689	3.91	2.354	27.694	36.877	45.649	2.383	1491.3	1879.	50.71	1.110
2000.	2.411	34.708	3.94	2.268	27.716	36.903	45.680	2.433	1492.6	1977.	48.86	0.916
2100.	2.351	34.723	3.99	2.200	27.734	36.925	45.705	2.481	1494.1	2076.	47.48	0.822
2200.	2.294	34.734	3.99	2.136	27.747	36.941	45.725	2.528	1495.5	2174.	46.50	0.734
2300.	2.230	34.738	3.99	2.064	27.757	36.955	45.742	2.574	1496.9	2272.	45.80	0.663
2400.	2.160	34.740	3.98	1.985	27.764	36.967	45.757	2.620	1498.3	2371.	45.22	0.626
2500.	2.089	34.740	3.96	1.906	27.771	36.977	45.772	2.664	1499.7	2469.	44.69	0.609
2600.	2.024	34.737	3.95	1.834	27.774	36.984	45.783	2.709	1501.1	2567.	44.48	0.507
2700.	1.961	34.737	3.96	1.763	27.780	36.994	45.797	2.753	1502.5	2665.	43.99	0.591
2800.	1.895	34.733	3.97	1.689	27.782	37.001	45.807	2.797	1503.9	2763.	43.76	0.506
2900.	1.829	34.731	3.99	1.614	27.786	37.009	45.819	2.841	1505.4	2861.	43.36	0.555
3000.	1.774	34.729	4.01	1.551	27.789	37.016	45.829	2.884	1506.8	2959.	43.08	0.514
3100.	1.717	34.726	4.06	1.485	27.792	37.022	45.839	2.927	1508.3	3057.	42.83	0.503
3200.	1.660	34.725	4.11	1.420	27.796	37.029	45.850	2.970	1509.7	3155.	42.40	0.555
3300.	1.610	34.725	4.15	1.361	27.799	37.036	45.860	3.012	1511.2	3253.	42.05	0.525
3400.	1.554	34.723	4.18	1.297	27.802	37.043	45.870	3.054	1512.7	3351.	41.66	0.536
3500.	1.488	34.721	4.21	1.222	27.806	37.051	45.883	3.095	1514.1	3448.	41.06	0.598
3600.	1.438	34.720	4.25	1.163	27.809	37.058	45.892	3.136	1515.6	3546.	40.69	0.526
3700.	1.395	34.718	4.27	1.110	27.812	37.063	45.900	3.176	1517.1	3644.	40.40	0.491
3800.	1.372	34.718	4.29	1.078	27.813	37.067	45.906	3.217	1518.8	3742.	40.34	0.408
3900.	1.332	34.717	4.34	1.028	27.816	37.072	45.913	3.257	1520.3	3839.	40.05	0.490
4000.	1.279	34.715	4.38	0.967	27.819	37.078	45.923	3.297	1521.8	3937.	39.58	0.551
4100.	1.237	34.714	4.42	0.915	27.821	37.084	45.931	3.336	1523.4	4034.	39.21	0.514
4200.	1.193	34.713	4.46	0.861	27.824	37.090	45.940	3.375	1524.9	4132.	38.76	0.538
4300.	1.138	34.711	4.52	0.797	27.826	37.096	45.950	3.414	1526.4	4229.	38.23	0.560
4400.	1.101	34.709	4.56	0.749	27.828	37.100	45.957	3.452	1528.0	4326.	37.92	0.487
4500.	1.067	34.709	4.61	0.705	27.830	37.105	45.964	3.489	1529.6	4424.	37.58	0.497
4600.	1.030	34.707	4.65	0.659	27.832	37.109	45.971	3.527	1531.1	4521.	37.26	0.485
4700.	1.004	34.706	4.69	0.622	27.833	37.113	45.976	3.564	1532.8	4618.	37.07	0.436
4800.	0.985	34.705	4.72	0.592	27.835	37.116	45.981	3.601	1534.4	4715.	36.95	0.408
4900.	0.970	34.704	4.74	0.566	27.835	37.118	45.984	3.638	1536.1	4813.	36.96	0.352
5000.	0.957	34.703	4.76	0.541	27.836	37.120	45.988	3.675	1537.8	4910.	36.92	0.372
5100.	0.951	34.702	4.79	0.523	27.836	37.121	45.990	3.712	1539.5	5007.	37.02	0.297
5200.	0.954	34.703	4.81	0.514	27.837	37.123	45.992	3.749	1541.3	5104.	37.18	0.268
5300.	0.955	34.701	4.84	0.503	27.837	37.123	45.993	3.786	1543.0	5201.	37.44	0.194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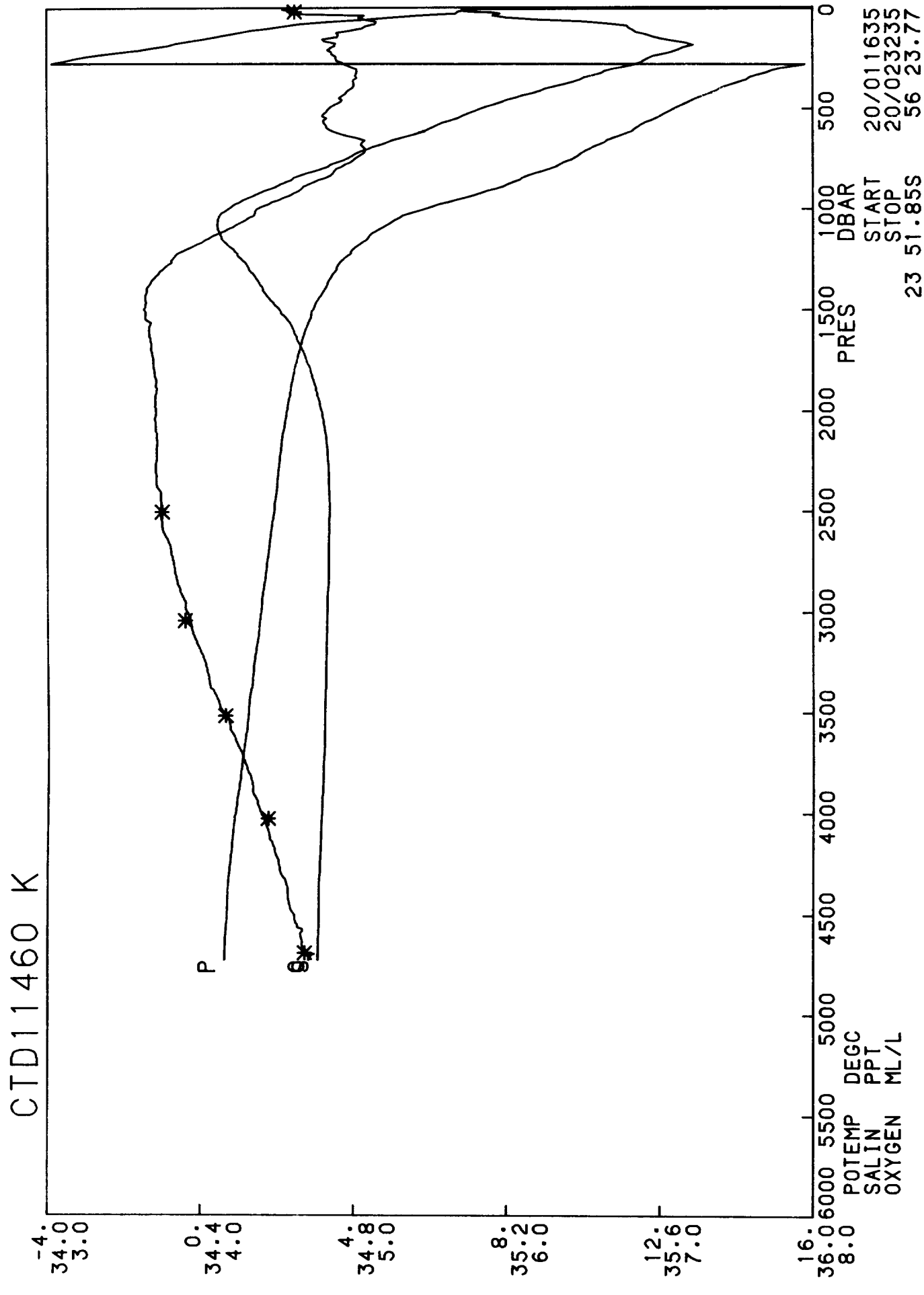
PRES
DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 19/130835
STOP 19/142925
25 19.57S 55 36.39

DISCOVERY 164 STATION 11459

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	27.169	35.255	4.55	27.167	22.859	31.111	39.012	0.051	1539.9	10.	499.48	-999.000
20.	26.738	35.235	4.49	26.733	22.982	31.245	39.156	0.100	1539.1	20.	488.19	6.237
40.	25.684	35.295	4.73	25.676	23.358	31.647	39.582	0.195	1537.0	40.	453.08	7.721
60.	24.598	35.355	4.85	24.585	23.737	32.053	40.014	0.282	1534.8	60.	417.84	7.737
80.	23.094	35.446	5.01	23.078	24.250	32.606	40.603	0.360	1531.5	79.	369.62	9.021
100.	21.975	35.531	4.97	21.955	24.635	33.021	41.047	0.430	1529.0	99.	333.75	7.805
120.	21.177	35.550	4.90	21.154	24.872	33.281	41.329	0.495	1527.3	119.	311.89	6.139
140.	20.500	35.577	4.77	20.474	25.077	33.505	41.572	0.555	1525.8	139.	293.14	5.701
160.	19.873	35.610	4.67	19.844	25.270	33.717	41.801	0.612	1524.5	159.	275.45	5.544
180.	19.273	35.651	4.72	19.241	25.458	33.924	42.024	0.666	1523.2	179.	258.19	5.478
200.	18.713	35.690	4.76	18.677	25.632	34.115	42.232	0.716	1521.9	199.	242.28	5.268
220.	18.122	35.678	4.77	18.083	25.772	34.274	42.408	0.763	1520.6	218.	229.60	4.729
240.	17.435	35.643	4.79	17.395	25.914	34.439	42.595	0.807	1518.8	238.	216.58	4.786
260.	16.523	35.570	4.46	16.481	26.076	34.632	42.818	0.849	1516.3	258.	201.58	5.118
280.	16.130	35.551	4.51	16.085	26.153	34.723	42.922	0.889	1515.5	278.	194.80	3.528
300.	15.686	35.542	4.57	15.639	26.248	34.834	43.048	0.927	1514.4	298.	186.21	3.931
320.	15.146	35.492	4.61	15.097	26.330	34.936	43.168	0.964	1513.0	318.	178.79	3.671
340.	14.702	35.441	4.63	14.651	26.389	35.012	43.260	0.999	1511.9	338.	173.60	3.122
360.	14.415	35.407	4.62	14.361	26.425	35.059	43.317	1.033	1511.2	357.	170.64	2.448
380.	14.053	35.360	4.66	13.997	26.466	35.114	43.385	1.067	1510.3	377.	167.12	2.628
400.	13.709	35.313	4.66	13.652	26.503	35.164	43.447	1.100	1509.5	397.	164.05	2.478
450.	12.974	35.208	4.63	12.911	26.573	35.263	43.574	1.180	1507.8	447.	158.29	2.198
500.	12.336	35.117	4.62	12.269	26.629	35.346	43.682	1.258	1506.4	496.	153.75	1.993
550.	11.775	35.038	4.61	11.703	26.676	35.416	43.774	1.334	1505.2	546.	150.09	1.829
600.	11.184	34.957	4.73	11.108	26.723	35.488	43.870	1.408	1503.9	595.	146.20	1.861
700.	10.135	34.820	4.76	10.051	26.803	35.614	44.039	1.551	1501.6	694.	139.61	1.735
800.	8.944	34.686	4.62	8.855	26.895	35.760	44.234	1.687	1498.8	793.	131.19	1.885
900.	7.755	34.581	4.40	7.662	26.995	35.914	44.440	1.814	1495.9	892.	121.52	1.971
1000.	6.224	34.482	4.24	6.131	27.127	36.119	44.714	1.928	1491.4	991.	107.42	2.299
1100.	4.951	34.442	4.08	4.859	27.249	36.305	44.959	2.028	1487.9	1090.	94.07	2.221
1200.	4.213	34.474	3.85	4.118	27.355	36.448	45.137	2.117	1486.6	1189.	83.17	2.009
1300.	3.821	34.519	3.66	3.721	27.432	36.545	45.252	2.196	1486.7	1288.	75.77	1.680
1400.	3.523	34.569	3.49	3.418	27.502	36.630	45.351	2.268	1487.2	1386.	69.14	1.593
1500.	3.293	34.599	3.52	3.182	27.548	36.688	45.421	2.335	1487.9	1485.	64.82	1.318
1600.	2.981	34.633	3.57	2.865	27.604	36.760	45.508	2.398	1488.3	1584.	59.18	1.473
1700.	2.773	34.658	3.59	2.651	27.643	36.811	45.569	2.455	1489.1	1682.	55.40	1.234
1800.	2.641	34.680	3.60	2.512	27.673	36.847	45.612	2.509	1490.2	1781.	52.73	1.065
1900.	2.553	34.697	3.59	2.417	27.695	36.874	45.644	2.561	1491.5	1879.	50.91	0.916
2000.	2.465	34.711	3.59	2.321	27.714	36.898	45.673	2.611	1492.9	1978.	49.32	0.871
2100.	2.390	34.721	3.60	2.239	27.729	36.918	45.696	2.659	1494.2	2076.	48.15	0.780
2200.	2.336	34.727	3.62	2.176	27.739	36.931	45.712	2.707	1495.7	2174.	47.53	0.645
2300.	2.286	34.731	3.64	2.119	27.747	36.942	45.726	2.755	1497.2	2273.	47.03	0.611
2400.	2.230	34.735	3.64	2.055	27.755	36.953	45.741	2.801	1498.6	2371.	46.53	0.609
2500.	2.170	34.737	3.64	1.987	27.762	36.964	45.755	2.848	1500.1	2469.	46.01	0.611
2600.	2.120	34.738	3.67	1.928	27.767	36.973	45.767	2.893	1501.5	2567.	45.70	0.546
2700.	2.071	34.738	3.71	1.870	27.772	36.981	45.777	2.939	1503.0	2665.	45.44	0.528
2800.	2.021	34.738	3.72	1.812	27.777	36.989	45.789	2.984	1504.5	2764.	45.13	0.539
2900.	1.967	34.738	3.75	1.749	27.782	36.997	45.800	3.029	1506.0	2862.	44.79	0.549
3000.	1.916	34.738	3.79	1.690	27.785	37.004	45.810	3.074	1507.5	2960.	44.50	0.526
3100.	1.854	34.736	3.83	1.619	27.790	37.012	45.822	3.118	1508.9	3058.	44.09	0.563
3200.	1.796	34.735	3.87	1.552	27.794	37.020	45.833	3.162	1510.3	3155.	43.68	0.559
3300.	1.729	34.732	3.93	1.477	27.797	37.027	45.845	3.205	1511.8	3253.	43.25	0.562
3400.	1.658	34.730	3.98	1.398	27.801	37.036	45.858	3.248	1513.2	3351.	42.66	0.605
3500.	1.591	34.728	4.07	1.322	27.805	37.044	45.870	3.291	1514.6	3449.	42.11	0.588
3600.	1.519	34.726	4.11	1.241	27.809	37.053	45.883	3.333	1516.0	3547.	41.46	0.616
3700.	1.457	34.724	4.17	1.170	27.812	37.060	45.894	3.374	1517.4	3644.	40.92	0.578
3800.	1.379	34.721	4.24	1.084	27.816	37.069	45.907	3.414	1518.8	3742.	40.19	0.631
3900.	1.328	34.719	4.28	1.024	27.818	37.075	45.916	3.454	1520.3	3840.	39.77	0.534
4000.	1.261	34.717	4.34	0.948	27.821	37.082	45.928	3.494	1521.7	3937.	39.14	0.597
4100.	1.202	34.715	4.39	0.881	27.824	37.089	45.938	3.533	1523.2	4035.	38.58	0.574
4200.	1.156	34.713	4.46	0.825	27.826	37.094	45.946	3.571	1524.7	4132.	38.17	0.520
4300.	1.126	34.712	4.51	0.785	27.828	37.098	45.953	3.609	1526.3	4229.	37.96	0.450
4400.	1.083	34.711	4.55	0.732	27.830	37.103	45.961	3.647	1527.9	4327.	37.56	0.519
4500.	1.053	34.709	4.59	0.692	27.831	37.107	45.967	3.684	1529.5	4424.	37.34	0.449
4600.	1.034	34.708	4.65	0.662	27.833	37.110	45.971	3.722	1531.1	4522.	37.26	0.391
4700.	1.013	34.707	4.73	0.630	27.834	37.113	45.976	3.759	1532.8	4619.	37.15	0.405
4800.	0.998	34.706	4.76	0.604	27.834	37.115	45.979	3.796	1534.5	4716.	37.12	0.368
4900.	0.995	34.706	4.79	0.590	27.835	37.116	45.982	3.833	1536.2	4813.	37.25	0.285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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
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START 20/011635
STOP 20/023235
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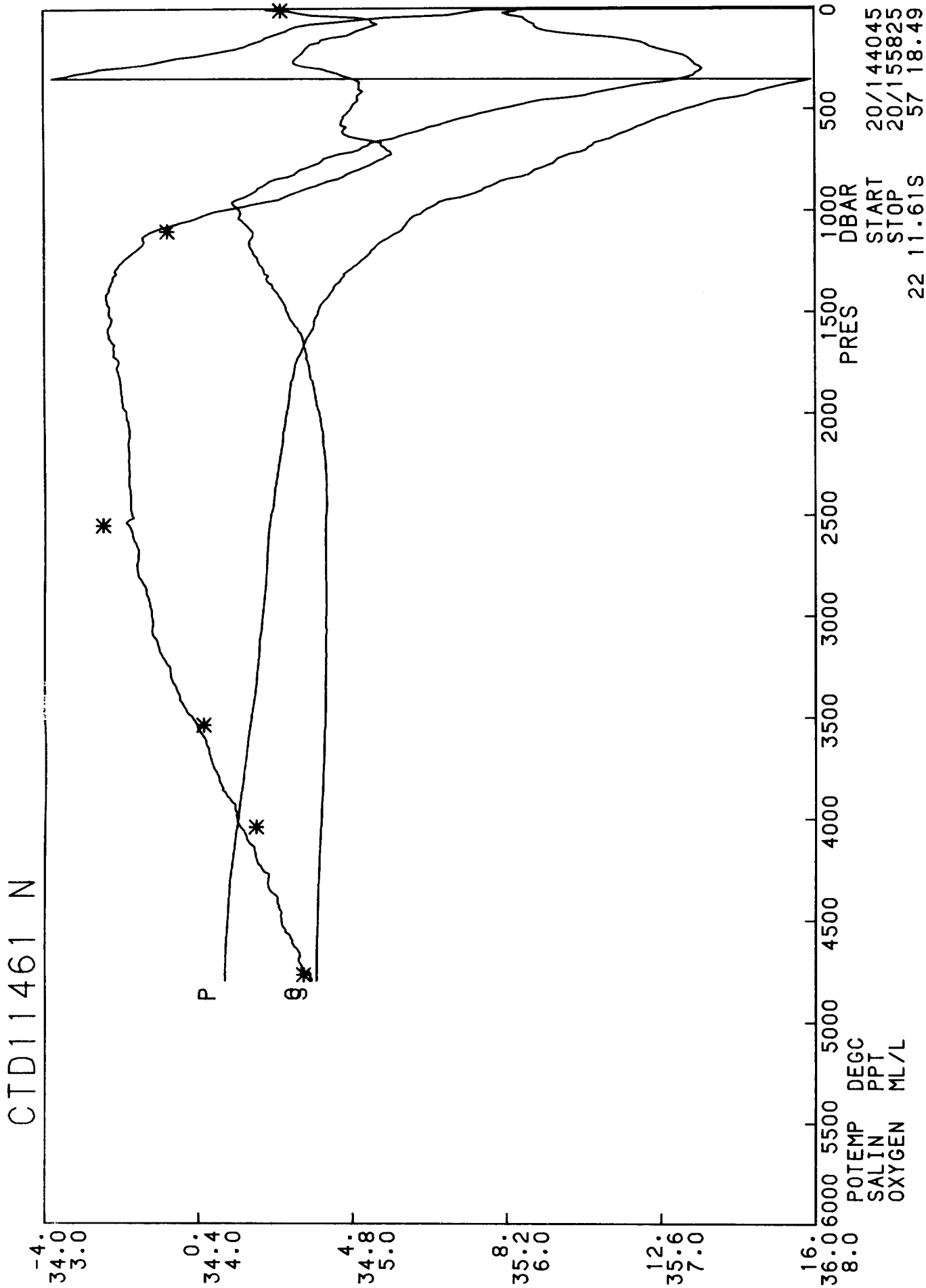
DISCOVERY 164 STATION 11460

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	26.884	35.088	4.55	26.882	22.824	31.085	38.994	0.050	1539.1	10.	502.81	-999.000
20.	26.741	35.110	4.64	26.736	22.887	31.151	39.063	0.100	1538.9	20.	497.29	4.450
40.	25.604	35.170	5.07	25.596	23.289	31.581	39.519	0.197	1536.7	40.	459.75	7.976
60.	24.194	35.283	5.09	24.182	23.803	32.131	40.102	0.284	1533.7	60.	411.45	9.025
80.	22.607	35.463	5.14	22.591	24.404	32.773	40.783	0.360	1530.3	79.	354.96	9.751
100.	21.887	35.520	5.06	21.868	24.652	33.040	41.069	0.429	1528.8	99.	332.14	6.267
120.	21.118	35.537	4.91	21.094	24.879	33.289	41.339	0.493	1527.1	119.	311.27	6.003
140.	20.525	35.576	4.90	20.499	25.069	33.497	41.563	0.553	1525.9	139.	293.87	5.502
160.	19.908	35.619	4.81	19.879	25.268	33.714	41.796	0.610	1524.6	159.	275.67	5.619
180.	19.319	35.677	4.88	19.287	25.466	33.930	42.029	0.664	1523.3	179.	257.47	5.619
200.	18.710	35.660	4.85	18.674	25.610	34.093	42.210	0.714	1521.9	199.	244.40	4.800
220.	17.884	35.632	4.86	17.846	25.795	34.306	42.448	0.761	1519.8	218.	227.27	5.456
240.	17.044	35.585	4.89	17.004	25.963	34.502	42.671	0.805	1517.6	238.	211.77	5.198
260.	16.515	35.561	4.89	16.473	26.071	34.628	42.814	0.846	1516.3	258.	202.05	4.168
280.	15.915	35.536	4.95	15.870	26.191	34.769	42.975	0.886	1514.8	278.	191.08	4.409
300.	15.262	35.488	5.01	15.215	26.301	34.903	43.131	0.923	1513.0	298.	180.97	4.240
320.	14.872	35.452	5.02	14.823	26.360	34.976	43.218	0.958	1512.1	318.	175.85	3.103
340.	14.506	35.416	5.02	14.456	26.413	35.042	43.297	0.993	1511.2	338.	171.28	2.947
360.	14.275	35.387	5.00	14.222	26.440	35.079	43.342	1.027	1510.8	357.	169.17	2.138
380.	13.949	35.348	5.01	13.894	26.479	35.131	43.406	1.061	1510.0	377.	165.83	2.569
400.	13.640	35.303	4.99	13.582	26.509	35.173	43.459	1.094	1509.3	397.	163.37	2.263
450.	13.012	35.214	4.92	12.949	26.570	35.259	43.569	1.174	1507.9	447.	158.60	2.041
500.	12.442	35.132	4.84	12.374	26.620	35.332	43.664	1.253	1506.7	496.	154.76	1.873
550.	11.942	35.065	4.82	11.869	26.665	35.399	43.750	1.329	1505.8	546.	151.25	1.803
600.	11.420	34.996	4.84	11.343	26.710	35.465	43.837	1.404	1504.7	595.	147.72	1.799
700.	10.235	34.835	5.08	10.150	26.797	35.604	44.024	1.548	1502.0	694.	140.32	1.815
800.	9.184	34.712	4.89	9.094	26.878	35.732	44.196	1.685	1499.7	793.	133.23	1.765
900.	7.760	34.579	4.66	7.667	26.992	35.912	44.437	1.812	1495.9	892.	121.74	2.123
1000.	5.932	34.471	4.37	5.841	27.155	36.162	44.769	1.925	1490.3	991.	104.10	2.542
1100.	4.754	34.448	4.17	4.663	27.276	36.341	45.004	2.022	1487.1	1090.	91.07	2.192
1200.	4.068	34.488	3.90	3.975	27.381	36.481	45.177	2.108	1486.0	1189.	80.33	1.993
1300.	3.641	34.528	3.75	3.543	27.457	36.579	45.295	2.185	1485.9	1288.	72.85	1.684
1400.	3.337	34.564	3.65	3.234	27.516	36.653	45.384	2.254	1486.4	1386.	67.22	1.479
1500.	3.034	34.608	3.64	2.925	27.579	36.732	45.478	2.318	1486.8	1485.	61.00	1.538
1600.	2.846	34.644	3.66	2.731	27.626	36.789	45.543	2.377	1487.7	1584.	56.68	1.307
1700.	2.699	34.668	3.68	2.578	27.658	36.829	45.591	2.432	1488.8	1682.	53.73	1.111
1800.	2.571	34.688	3.70	2.443	27.686	36.864	45.632	2.485	1489.9	1781.	51.24	1.034
1900.	2.480	34.704	3.71	2.345	27.706	36.889	45.662	2.535	1491.2	1879.	49.54	0.891
2000.	2.388	34.717	3.71	2.245	27.725	36.914	45.691	2.584	1492.5	1978.	47.91	0.874
2100.	2.304	34.726	3.71	2.154	27.740	36.933	45.716	2.631	1493.9	2076.	46.68	0.790
2200.	2.241	34.732	3.71	2.083	27.750	36.947	45.733	2.677	1495.3	2175.	45.93	0.674
2300.	2.186	34.735	3.71	2.020	27.758	36.958	45.748	2.723	1496.7	2273.	45.44	0.605
2400.	2.149	34.737	3.74	1.974	27.763	36.966	45.757	2.768	1498.3	2371.	45.30	0.490
2500.	2.098	34.737	3.74	1.915	27.768	36.974	45.768	2.814	1499.7	2469.	45.04	0.527
2600.	2.021	34.736	3.76	1.831	27.774	36.984	45.783	2.858	1501.1	2568.	44.50	0.610
2700.	1.965	34.735	3.81	1.767	27.777	36.992	45.794	2.903	1502.6	2666.	44.24	0.519
2800.	1.904	34.735	3.83	1.697	27.783	37.001	45.807	2.947	1504.0	2764.	43.79	0.574
2900.	1.836	34.732	3.87	1.621	27.786	37.008	45.818	2.990	1505.4	2862.	43.42	0.548
3000.	1.789	34.730	3.92	1.566	27.789	37.014	45.827	3.034	1506.9	2960.	43.24	0.479
3100.	1.741	34.729	3.95	1.508	27.792	37.021	45.837	3.077	1508.4	3058.	42.97	0.509
3200.	1.667	34.728	4.01	1.427	27.797	37.031	45.851	3.119	1509.8	3156.	42.31	0.623
3300.	1.609	34.727	4.05	1.360	27.801	37.038	45.862	3.161	1511.2	3254.	41.87	0.555
3400.	1.540	34.725	4.09	1.283	27.805	37.046	45.874	3.203	1512.6	3351.	41.31	0.589
3500.	1.497	34.723	4.15	1.231	27.807	37.052	45.883	3.244	1514.2	3449.	41.05	0.490
3600.	1.441	34.723	4.21	1.166	27.811	37.059	45.894	3.285	1515.6	3547.	40.53	0.569
3700.	1.377	34.721	4.27	1.093	27.815	37.067	45.905	3.325	1517.1	3645.	39.94	0.590
3800.	1.317	34.719	4.31	1.025	27.818	37.074	45.916	3.365	1518.5	3742.	39.43	0.561
3900.	1.260	34.717	4.34	0.958	27.821	37.081	45.926	3.404	1520.0	3840.	38.88	0.572
4000.	1.202	34.715	4.40	0.891	27.824	37.088	45.937	3.443	1521.5	3937.	38.34	0.566
4100.	1.150	34.713	4.45	0.830	27.826	37.094	45.946	3.481	1523.0	4035.	37.87	0.541
4200.	1.113	34.712	4.49	0.783	27.828	37.098	45.953	3.518	1524.5	4132.	37.55	0.488
4300.	1.068	34.710	4.53	0.729	27.830	37.103	45.961	3.556	1526.1	4230.	37.18	0.504
4400.	1.043	34.709	4.57	0.693	27.831	37.107	45.966	3.593	1527.7	4327.	37.01	0.428
4500.	1.033	34.709	4.61	0.672	27.832	37.109	45.969	3.630	1529.4	4425.	37.05	0.331
4600.	1.003	34.707	4.65	0.632	27.833	37.112	45.975	3.667	1531.0	4522.	36.84	0.444
4700.	1.001	34.706	4.70	0.618	27.834	37.113	45.977	3.704	1532.7	4619.	36.99	0.267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PRES DBAR
POTEMP DEGC
SALIN PPT
OXYGEN ML/L
START 20/144045
STOP 20/155825
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DISCOVERY 164 STATION 11461

PRES DB	TEMP DEGC	SALIN PSU	DO ML/L	POTEMP DEGC	SIGMA0 KG/M^3	SIG2000 KG/M^3	SIG4000 KG/M^3	DYNHT DYN.M	SNDV M/S	DEPTH M	SVANOM 10^{-8}KG/M^3	BVFR CY/HR
10.	27.300	35.221	4.53	27.298	22.791	31.040	38.939	0.051	1540.2	10.	505.96	-999.000
20.	26.937	35.204	4.64	26.933	22.895	31.153	39.060	0.101	1539.5	20.	496.52	5.726
40.	25.627	35.229	4.90	25.618	23.324	31.615	39.553	0.197	1536.8	40.	456.15	8.264
60.	24.014	35.254	5.13	24.001	23.835	32.167	40.144	0.283	1533.3	60.	408.45	8.971
80.	22.874	35.274	5.16	22.858	24.184	32.547	40.553	0.362	1530.7	79.	375.96	7.436
100.	22.425	35.283	5.08	22.405	24.320	32.696	40.713	0.436	1529.9	99.	363.76	4.653
120.	22.175	35.335	5.01	22.151	24.431	32.814	40.837	0.507	1529.7	119.	354.01	4.193
140.	21.862	35.446	4.91	21.834	24.604	32.995	41.025	0.577	1529.3	139.	338.32	5.238
160.	21.652	35.527	4.80	21.621	24.726	33.121	41.157	0.643	1529.2	159.	327.57	4.387
180.	21.345	35.565	4.73	21.310	24.840	33.244	41.288	0.708	1528.7	179.	317.46	4.263
200.	21.036	35.591	4.70	20.997	24.946	33.359	41.410	0.770	1528.3	199.	308.16	4.101
220.	20.455	35.631	4.68	20.413	25.134	33.564	41.632	0.830	1527.1	219.	290.87	5.487
240.	19.771	35.666	4.65	19.727	25.343	33.793	41.879	0.887	1525.6	238.	271.64	5.772
260.	19.131	35.681	4.62	19.084	25.521	33.991	42.096	0.939	1524.1	258.	255.27	5.342
280.	18.582	35.692	4.65	18.532	25.670	34.157	42.279	0.989	1522.9	278.	241.67	4.891
300.	17.534	35.708	4.80	17.483	25.943	34.464	42.616	1.035	1520.2	298.	216.11	6.620
320.	16.979	35.694	4.89	16.926	26.066	34.606	42.776	1.077	1518.9	318.	204.87	4.467
340.	16.434	35.677	4.97	16.379	26.181	34.740	42.928	1.117	1517.5	338.	194.34	4.327
360.	15.862	35.631	5.04	15.805	26.279	34.858	43.065	1.155	1516.1	357.	185.45	3.997
380.	15.317	35.548	5.05	15.258	26.338	34.937	43.163	1.191	1514.6	377.	180.16	3.156
400.	14.877	35.489	5.05	14.816	26.391	35.007	43.248	1.227	1513.5	397.	175.51	2.974
450.	13.778	35.324	5.04	13.713	26.498	35.157	43.438	1.313	1510.6	447.	166.01	2.718
500.	12.737	35.180	4.99	12.668	26.599	35.299	43.620	1.393	1507.8	496.	157.00	2.645
550.	11.973	35.073	4.94	11.900	26.665	35.397	43.747	1.470	1505.9	546.	151.30	2.175
600.	11.349	34.986	4.95	11.272	26.715	35.473	43.848	1.545	1504.5	595.	147.17	1.906
700.	10.150	34.817	5.23	10.066	26.798	35.609	44.033	1.688	1501.7	694.	140.11	1.782
800.	8.824	34.664	5.04	8.735	26.897	35.768	44.247	1.823	1498.3	793.	130.77	1.962
900.	7.454	34.551	4.67	7.363	27.014	35.948	44.487	1.948	1494.7	892.	119.05	2.136
1000.	5.954	34.509	4.13	5.864	27.182	36.187	44.794	2.058	1490.4	991.	101.60	2.528
1100.	5.324	34.541	3.70	5.229	27.285	36.321	44.956	2.155	1489.6	1090.	91.75	1.940
1200.	4.565	34.542	3.58	4.467	27.372	36.446	45.117	2.241	1488.1	1189.	82.64	1.861
1300.	3.945	34.572	3.46	3.844	27.462	36.567	45.267	2.320	1487.3	1288.	73.45	1.856
1400.	3.551	34.604	3.41	3.445	27.527	36.653	45.372	2.390	1487.3	1387.	66.95	1.581
1500.	3.211	34.632	3.42	3.100	27.582	36.726	45.462	2.454	1487.6	1485.	61.40	1.468
1600.	3.028	34.665	3.42	2.911	27.626	36.779	45.524	2.513	1488.5	1584.	57.43	1.267
1700.	2.774	34.680	3.45	2.652	27.661	36.828	45.586	2.569	1489.1	1683.	53.79	1.217
1800.	2.600	34.690	3.48	2.471	27.684	36.861	45.627	2.621	1490.1	1781.	51.51	1.000
1900.	2.498	34.703	3.50	2.362	27.704	36.886	45.658	2.671	1491.3	1880.	49.82	0.891
2000.	2.422	34.715	3.53	2.278	27.721	36.907	45.683	2.721	1492.7	1978.	48.51	0.810
2100.	2.340	34.724	3.55	2.190	27.735	36.926	45.707	2.769	1494.0	2076.	47.33	0.783
2200.	2.288	34.728	3.55	2.130	27.744	36.938	45.722	2.816	1495.5	2175.	46.82	0.613
2300.	2.211	34.732	3.55	2.044	27.754	36.953	45.741	2.862	1496.8	2273.	45.98	0.695
2400.	2.138	34.733	3.56	1.964	27.761	36.964	45.756	2.908	1498.2	2371.	45.44	0.615
2500.	2.054	34.731	3.57	1.873	27.766	36.975	45.771	2.953	1499.5	2470.	44.90	0.609
2600.	1.999	34.730	3.57	1.809	27.770	36.982	45.783	2.998	1501.0	2568.	44.63	0.525
2700.	1.976	34.731	3.61	1.777	27.774	36.987	45.789	3.043	1502.6	2666.	44.65	0.416
2800.	1.956	34.731	3.61	1.748	27.776	36.991	45.794	3.087	1504.2	2764.	44.79	0.363
2900.	1.923	34.732	3.67	1.706	27.780	36.997	45.803	3.132	1505.8	2862.	44.63	0.483
3000.	1.875	34.730	3.70	1.650	27.783	37.004	45.812	3.176	1507.3	2960.	44.43	0.494
3100.	1.818	34.729	3.71	1.584	27.787	37.011	45.823	3.221	1508.7	3058.	44.05	0.551
3200.	1.792	34.731	3.77	1.549	27.790	37.017	45.831	3.265	1510.3	3156.	43.94	0.454
3300.	1.749	34.729	3.82	1.496	27.793	37.022	45.839	3.309	1511.8	3254.	43.77	0.477
3400.	1.694	34.729	3.88	1.433	27.798	37.030	45.850	3.352	1513.3	3352.	43.29	0.575
3500.	1.616	34.727	3.96	1.346	27.802	37.040	45.864	3.395	1514.7	3450.	42.59	0.634
3600.	1.538	34.724	4.04	1.260	27.806	37.049	45.878	3.437	1516.1	3547.	41.90	0.627
3700.	1.484	34.723	4.08	1.197	27.809	37.056	45.888	3.479	1517.5	3645.	41.44	0.556
3800.	1.428	34.721	4.13	1.132	27.812	37.062	45.898	3.520	1519.0	3743.	41.00	0.547
3900.	1.364	34.718	4.20	1.060	27.815	37.069	45.909	3.561	1520.5	3840.	40.44	0.582
4000.	1.315	34.716	4.25	1.000	27.817	37.075	45.918	3.601	1522.0	3938.	40.02	0.534
4100.	1.256	34.714	4.31	0.932	27.820	37.082	45.928	3.641	1523.4	4035.	39.47	0.573
4200.	1.204	34.712	4.38	0.872	27.823	37.088	45.938	3.680	1524.9	4133.	38.99	0.548
4300.	1.146	34.710	4.45	0.804	27.825	37.094	45.948	3.719	1526.4	4230.	38.40	0.582
4400.	1.114	34.709	4.51	0.762	27.827	37.098	45.954	3.757	1528.0	4328.	38.19	0.452
4500.	1.100	34.708	4.54	0.737	27.828	37.100	45.958	3.795	1529.7	4425.	38.20	0.353
4600.	1.076	34.707	4.61	0.703	27.829	37.104	45.963	3.833	1531.3	4522.	38.07	0.418
4700.	1.061	34.705	4.65	0.676	27.830	37.106	45.966	3.871	1533.0	4620.	38.05	0.365