Institute of Oceanographic Sciences

Wormley, Godalming, Surrey, GU8 5UB.
(0428 - 79 - 4141)

(Director: Dr. A.S. Laughton FRS)

Bidston Observatory,
Birkenhead,
Merseyside, L43 7RA.
(051 - 653 - 8633)

(Crossway,
Taunton,
Somerset, TA1 2DW.
(0823 - 86211)

(Assistant Director: Dr. D.E. Cartwright)

(Assistant Director: M.J. Tucker)

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Publications and reports
of the Institute of Oceanographic Sciences
1979 - 1982

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INTRODUCTION

The report lists the publications and reports of the staff of the Institute of Oceanographic Sciences from 1 January 1979 - 31 December 1982 and was compiled with the aid of the STATUS software package on the NERC Honeywell 66/DPS-300 computer at IOS Bidston.

The listing is divided into four sections, Papers, Report, Cruise Reports and Data Reports. Papers are arranged alphabetically by first author (whether or not that author is a member of IOS staff), then chronologically by year of publication. Reports, Cruise Reports and Data Reports are arranged by the report number.

Some of the authors listed were not strictly on the IOS staff at the time of publication quoted but were working at the Institute as visiting scientists or collaborating with IOS scientists.

The principal scientist of a cruise is designated the 'author' of a Cruise Report.

An index to all authors is included.

Given below are details of two earlier reports listing the publications and reports of the Institute.

IOS Report No.86, 1979. Publications and reports of the National Institute of Oceanography, Unit of Coastal Sedimentation and Institute of Coastal Oceanography & Tides (including the Liverpool Tidal Institute).

1. PAPERS

Computation of the sea surface topography.

Ecological observations on the deep-sea anemone, Actinoscyphia aurelia.
IOS CONTRIBUTION NO.1471

ALDRED, R.G. & WILD, R.A. 1979
An improved cod-end system for midwater nets.
IOS CONTRIBUTION NO.1450

ALLAN, T.D. 1979
Monitoring the sea surface.
pp.205-215 in, Use of data from meteorological satellites.
Paris: European Space Agency. (SP-143).

ALLAN, T.D. 1979
SEASAT's short lived mission.

ALLAN, T.D. 1980
Satellite altimetry measurements of the sea surface.
pp.113-120 in, CHARM : Proceedings of an ESA workshop on climatology, hydrology, atmospheric research and meteorology from space, Ajaccio, Corsica, 12-16 November 1979.
IOS CONTRIBUTION NO.80098

ALLAN, T.D. & GUYMER, T.H. 1980
SEASAT and JASIN.
IOS CONTRIBUTION NO.80106

ALLAN, T.D. 1981
Oceanography from space - a European contribution?
IOS CONTRIBUTION NO.81077

A preliminary evaluation of Seasat's performance over the area of JASIN and its relevance to ERS-1.
pp.119-127 in, Proceedings of EARSel-ESA symposium on applications of remote sensing over the continental shelf, Voss, Norway, May 1981.
IOS CONTRIBUTION NO.81047
ALLAN, T.D. 1981
The short and long term application of satellite surveillance of the sea-surface.
(p.178 in, Matching remote sensing technologies and their applications.

ALLAN, T.D. 1982
The present use of satellites for sea-state observations and prediction.
IOS CONTRIBUTION NO.82074

ALLAN, T.D. 1982
The present use of satellites for sea state observations and prediction.
IOS CONTRIBUTION NO.82016

ALLEN, C.M., SIMPSON, J.H. & CARSON, R.M. 1979
The structure and variability of fronts in the Irish Sea as observed by an undulating CTD system. (Abstract of paper presented at the 3rd U.K. Geophysical Assembly, 2-5 April, 1979, University of Southampton).

ALLEN, C.M., SIMPSON, J.H. & CARSON, R.M. 1980
The structure and variability of shelf sea fronts as observed by an undulating CTD system.
Oceanologica Acta, 3, 59-68.
IOS CONTRIBUTION NO.80003

AMIN, M. 1979
A note on extreme tidal levels.
International Hydrographic Review, 56(2), 133-141.
IOS CONTRIBUTION NO.1451

AMIN, M. & GRAFF, J. 1980
Some notes on simplifying the HSWC method of tidal analysis.
International Hydrographic Review, 57(2), 167-174.
IOS CONTRIBUTION NO.80069

AMIN, M. 1982
On analysis and forecasting of surges on the west coast of Great Britain.
IOS CONTRIBUTION NO.82002
AMIN, M. 1982
On analysis and prediction of tides on the west coast of Great Britain.
IOS CONTRIBUTION NO.82001

ANGELO, M.V. 1979
Zoogeography of the Atlantic Ocean.
pp.168-190 in, Zoogeography and diversity in plankton, (ed.S.Van
der Spoel & A.C.Pierrot-Bulks).

ANGELO, M.V. & ELLIS, C.J. 1981
Conchoecia hystrix n.sp. a new halocyprid ostracod for the
Porcupine Bight region of the northeastern Atlantic.
Bulletin of the British Museum (Natural History) Zoology, 40, 125-135.
IOS CONTRIBUTION NO.81100

ANGELO, M.V. 1981
Conchoecia nasotuberculata Müller and C.Kyrtophora Müller, two
planktonic halocyprid ostracods that have frequently been
confused.
Crustaceana, 41, 46-63.
IOS CONTRIBUTION NO.81050

Marine biology needed to assess the safety of a program of
disposal of high-level radioactive waste in the ocean.
pp.297-312 in, Marine environmental pollution, 2. Dumping and
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IOS CONTRIBUTION NO.81030

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1,000m depth in the vicinity of 42N, 17W; evidence against diel
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micronekton at three stations in the northeast Atlantic.
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International Union for Conservation of Nature and Natural
(Reprinted from The Environmentalist, 2, 1982, Supplement
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ANSORGE, J. et al (Includes R.B.WHITMARSH) 1982
Comparative interpretation of explosive seismic data.
ARMITAGE, M.E., RAYMONT, J.E.G. & MORRIS, R.J. 1981
Amino acid synthesis in Neomysis integer and Gnathophausia sp. -feeding experiments using 14C-labelled precursors.
Comparative Biochemistry and Physiology, 68B, 183-191.
IOS CONTRIBUTION NO.81013

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The effect of changing environmental salinity on the free amino-acid composition of an estuarine population of Neomysis integer.
Estuarine, Coastal and Shelf Science, 14, 301-311.
IOS CONTRIBUTION NO.82023

ATHERSUCH, J. & GOODAY, A.J. 1979
On Zabyleocyparis redunda Athersuch and Gooday sp. nov. pp.21-26 in, Stereo-atlas of ostracod shells, vol.6, No.4, (ed.R.H.Bate et al).
Llandudno: British Micropalaeontological Society in association with Robertson Research International Ltd.

A seismic refraction and reflection study of the continent-ocean transition beneath the north Biscay margin.
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Remarks on the systematics, development, and distribution of the hatchetfish genus Sternoptyx (Pisces, Stomiatoidei).

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The sequence of photophore development in Xenodermichthys copei (Pisces : Alepocephalidae).
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BADCOCK, J.R. 1981
The significance of meristic variation in Benthosema glaciale (Pisces Myctophioidel) and of the species distribution off northwest Africa.
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A new species of the deep-sea fish genus Cyclothone Goode and Bean (Stomiatoidei, Gonostomatidae) from the tropical Atlantic.
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