

UC San Diego

SIO Reference

Title

Cumulative Bibliography of the SIO Reference Series 1969-1973

Permalink

<https://escholarship.org/uc/item/32d8b3pj>

Author

Anonymous

Publication Date

1974-10-01

SCRIPPS INSTITUTION OF OCEANOGRAPHY
UNIVERSITY OF CALIFORNIA, SAN DIEGO
LA JOLLA, CALIFORNIA

CUMULATIVE BIBLIOGRAPHY OF THE SIO REFERENCE SERIES

1969 - 1973

OCTOBER 1974

SIO REFERENCE NO. 73-42

INTRODUCTION

This report lists all reference numbers issued in the year 1969 through 1973 and includes an author index.

The Reference Series, for the most part, is used for "in house" publications (contract reports, data reports, etc.). There has never been, nor will there be a distribution list for these reports, as they are mainly distributed by the granting agencies.

TO OBTAIN REPORTS

The reports with an asterisk (*) before the reference number may be obtained free as long as the supply lasts. Please give the reference number desired in your request and mail to:

Technical Publications Office
Scripps Institution of Oceanography
P. O. Box 1529
La Jolla, California 92037

The reports with code number listed can be obtained from:

National Technical Information Service
Operations Division
Springfield, Virginia 22151

If you are an U. S. Government Contractor, AD numbered reference numbers can be obtained from:

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

Xerox copies of any report may be ordered from the Scripps Institution of Oceanography Library at a 15¢ a page (\$1.50 minimum) plus a 50¢ handling charge (postage additional on foreign orders).

Library Photographic Services
Scripps Institution of Oceanography Library
P. O. Box 2367
La Jolla, California, 92037

SCRIPPS INSTITUTION OF OCEANOGRAPHY

REFERENCE NUMBERS

1969

- 69-1 Physical and chemical data; LIMBO Expedition; 16 May - 28 June 1960: TETHYS Expedition; 16 June - 17 August 1960: MONSOON Expedition; 26 August 1960 - 18 April 1961. 58 p.
- 69-2 Physical and chemical data; CalCOFI Cruise 6610; 8 - 27 October 1966: Special Cruise 6611; 10 - 13 November 1966 and CalCOFI Cruise 6612; 2 - 19 December 1966. 99p.
- 69-3 Mechanics of sediment transport by waves and currents; quarterly progress report No. 13. 1 October - 31 December 1968. 3p.
- 69-4 Physical, chemical and biological data; Cruise TO-64-1; June 1964 and Cruise TO-64-2; August 1964. March 1969. 83p. (also issued as IMR 69-8).
- 69-5 Smith, Raymond C. and Roswell W. Austin. An underwater radiance distribution camera system. Visibility Laboratory. April 1969. 22p. AD 688 196.
- 69-6 Evans, M. W., R. A. Schwartzlose, A. M. Tubbs and P. W. Walker. Data from deep moored instrument stations; Volume 2. September 1969. 100p. AD 698 314.
- 69-7 Mechanics of sediment transport by waves and currents; quarterly progress report No. 14; 1 January - 31 March 1969. 4p.
- 69-8 Physical and chemical data; CalCOFI Cruise 6707; 19 June - 20 July 1967 and CalCOFI Cruise 6712; 5 - 20 December 1967. 96p.
- 69-9 Scripps Tuna Oceanography Research (STOR) Program report for the half-year July 1, 1968 - December 31, 1968. May 1969. 21p. (also issued as IMR 69-10).

- 69-10 Inman, D. L., R. J. Tait, P. D. Komar and C. E. Nordstrom. Dispersion of water and sediment in the surf zone. December 1968. 119p.
- 69-11 Rasmussen, Robert A. Studies related to the design and use of time/bearing sonar displays. May 1969. Marine Physical Laboratory. 11p AD 690 540.
- 69-12 Mechanics of sediment transport by waves and currents; quarterly progress report No. 15; 31 March - 30 June 1969. 8p.
- 69-13 Bibliography of the SIO Reference Series 1945 - 1968. July 1969. 75p. AD 856-060.
- 69-14 Surface water temperatures at shore stations; United States West Coast, 1968. July 1969. 21p.
- 69-15 Physical and chemical data from the SCORPIO Expedition in the South Pacific Ocean; USNS ELTANIN, Cruises 28 and 29; 12 March - 31 July 1967. (done with Woods Hole Oceanographic Institution and Massachusetts Institute of Technology) (also issued as WHOI 69-56) 96p.
- 69-16 Robinson, Margaret K. and Edythe M. Drollinger. Bibliography of reports based on bathythermograph temperature data. August 1969. 110p. AD 864 442.
- 69-17 Chung, Y., M. L. Bell, J. G. Sclater and C. Corry. Temperature data from the Pacific abyssal water, from the CIRCE, NOVA, SHOW, TRIPOD and ZETES expeditions. 105p.
- 69-18 Bronson, Earl D. and Larry R. Glostén. FLIP, Floating Instrument Platform. September 1969. 26p. AD 694 962.
- 69-19 Raff, A. D. Ridge-ridge transform faults - material and mechanical requirements. August 1969. 15p.
- 69-20 Gordon, Jacqueline I. Directional radiance (luminance) of the sea surface. October 1969. Visibility Laboratory. 53p. AD 697 268.
- 69-21 Reid, Arch M., Jane Z. Frazer and Hitoshi Fujita. Garnet Analysis. December 1969. 27p.

- 69-22 Taylor, John H. Factors underlying visual search performance. November 1969. Visibility Laboratory. 26 p. N 70 15387.
- 69-23 Blackburn, Maurice. Scripps Tuna Oceanography Research (STOR) Program report for the year July 1, 1968 - June 30, 1969. October 1969. 32p. (also issued as IMR 70-1)
- 69-24 Hanor, J. S., G. W. Brass and R. W. Fitzgerald. Bulk chemical analysis of fine-grained sediments by electron excitation techniques. 1969. 13p.
- 69-25 Fitzgerald, R., J. S. Hanor, J. Frazer, H. Fujita and E. Hartlett. Report on energy dispersion X-ray fluorescence analysis. November 1969. 39p.
- 69-26 Morris, Gerald Brooks. Velocity anisotropy and crustal structure of the Hawaiian Arch. November 1969. Marine Physical Laboratory. 125p. AD 700 274.
- 69-27 Mechanics of sediment transport by waves and currents; quarterly progress report No. 16; 30 June - 30 September 1969. 8p.
- 69-28 McGlamery, Benjamin L., Madison L. Myers, Richard L. Ensminger and Robert F. Howarth. Progress in image processing techniques and equipment. November 1969. Visibility Laboratory. 8lp. AD 698 359.
- 69-29 Normark, William Raymond. Growth patterns of deep sea fans. December 1969. Marine Physical Laboratory. 82p.
- 69-30 Grismore, R., T. R. Folsom and W. E. Weitz, Jr. A report of current progress on the moving ocean computer program (MOCEAN). November 1969. 8p.
- 69-31 Mechanics of sediment transport by waves and currents; quarterly progress report No. 1; 1 October - 31 December 1969. 8p.

1970

- 70-1 Smith, Stuart M. and George Sharman. Digitized navigation, bathymetric and magnetic data in the Pacific Ocean from Scripps Institution of Oceanography and other sources. January 1970. 51p.
- 70-2 Advanced Ocean Engineering Laboratory Annual Report December 1968 - December 1969. Advanced Research Projects Agency report #2. January 1970. 15p.
- 70-3 Cancelled.
- 70-4 Reid, Arch M., Jane Z. Frazer, Hitoshi Fujita and Joel E. Everson. Chemical composition of the major phases in Apollo 11 Lunar Samples. February 1970. 63p.
- 70-5 Physical, chemical and biological data; Zetes Expedition, Leg 1, 11 - 24 January 1966. 1970. 98p.
- 70-6 Meyer, Charles, Jr. Sputter-condensation of silicates. 1970. 154p.
- 70-7 Duntley, Seibert Q., Richard W. Johnson, Jacqueline I. Gordon and Almerian R. Boileau. Airborne measurements of optical atmospheric properties at night. May 1970. Visibility Laboratory. 383p. AD 870 734.
- 70-8 Larson, R. L. and F. N. Spiess. Slope distributions of the East Pacific Rise Crest. Marine Physical Laboratory. March 1970. 5p. AD 704 410.
- 70-9 Inman, D. L. and William G. Van Dorn. Advanced nearshore engineering study. March 1970. 5p.
- 70-10 Liebertz, Paul. Index to SIO seismic data in the Pacific Ocean. Sea Grant Publication No. 1. 1970. 42p. PB 192 332.
- 70-11 Cancelled.
- 70-12 Haxo, Francis T. Photosynthetic action spectra of marine phytoplankton, 1966 - 1969. April 1970. 10p. AD 704 176.

- 70-13 Anderson, Victor C. and Daniel K. Gibson. RUM ORB operations January 1970. Sea Floor Technology report No. 1. Marine Physical Laboratory. April 1970. 26p. AD 707 342.
- 70-14 Luyendyk, B. P. Geological and geophysical observations in an abyssal hill area using a deeply towed instrument package. Marine Physical Laboratory. June 1970. 105p. AD 714 852.
- 70-15 Folsom, T. R. Final report contract Nonr-2216(22)-November 1, 1963 to October 31, 1969. April 1970. 20p. AD 704 877.
- 70-16 Cancelled.
- 70-17 Mechanics of sediment transport by waves and currents. Quarterly progress report No. 2; 1 January - 31 March 1970. 1970. 7p.
- 70-18 McGowan, John A., James T. Enright, E. W. Fager, M. A. Barnett, R. E. Davis, M. E. Silver and R. R. Warner. The ecology and oceanography of sewer outfalls. A seminar held at Scripps Institution of Oceanography, Spring 1969. 1970. 23p.
- 70-19 Born, R. M., D. M. Brown, J. D. Isaacs, R. A. Schwartzlose, and M. H. Sessions. Deep-moored instrument station design and performance 1967 - 1970. May 1970. 43p. AD 707 763.
- 70-20 Fitzgerald, R. and P. Gantzel. X-ray energy spectrometry in the 0.1 - 10⁸Å range. May 1970. 4lp.
- 70-21 Final report contract Nonr 2215 (05) 15 June 1958 - 15 November 1968. Marine Physical Laboratory. June 1970. 165p.
- 70-22 Larson, Roger Lee. Near-bottom studies of the East Pacific Rise crest and tectonics of the mouth of the Gulf of California. July 1970. Marine Physical Laboratory. 178p. AD 713 165.
- 70-23 Bibliography of the SIO Reference Series 1969. July 1970. 6p.
- 70-24 Mechanics of sediment transport by waves and currents. Quarterly progress report no. 3; 1 April - 30 June 1970. 1970. 6p.

- 70-25 Tyler, John E. Expedition report S.C.O.R. working group 15, Discoverer Expedition 1970. September 1970. 26p. Visibility Laboratory.
- 70-26 Surface water temperatures at shore stations United States West Coast 1969; including surface salinites from several stations and five-meter temperatures and salinities at Scripps Pier. August 1970. 23p.
- 70-27 Duntley, S. Q., C. F. Edgerton and T. J. Petzold. Atmospheric limitations on remote sensing of sea surface roughness by means of reflected daylight. September 1970. Visibility Laboratory. 117p. N 70-42184.
- 70-28 Physical and chemical data report; DODO Expedition; 5 August - 5 September 1964. 1970. 55p.
- 70-29 Oversmith, Robert. Wave-wind-current research facility. Advanced Research Projects Agency report #11. October 1970. 33p.
- 70-30 Francheteau, Jean. Paleomagnetism and plate tectonics. October 1970. Marine Physical Laboratory. 345p.
- 70-31 Spiess, F. N., J. Grow. B. P. Luyendyk and John D. Mudie. Seven Tow, leg 8, cruise report. November 1970. Marine Physical Laboratory. 8p.
- 70-32 Blackburn, Maurice. Scripps Tuna Oceanography Research (STOR) Program report for the year; July 1, 1969 - June 30, 1970. (Also issued as IMR Ref. 71-3) October 1970. 27p.
- 70-33 Mechanics of sediment transport by waves and currents. Quarterly progress report no. 4; 30 June - 30 September 1970. 1970. 6p.
- 70-34 Suhayda, J. N. and A. Hecht. Laboratory measurement of wave direction with a linear array, final report. 1970. 22p. AD 715 725.
- 70-35 Tyler, John E. Development and testing of a spectroradiometer for measuring the upwelling spectral irradiance of the ocean. Visibility Laboratory. December 1970. 10p.
- 70-36 Cancelled.

- 70-37 Bellows, Donald. Wave pressure calibration of wind-wave-current research facility. Advanced Research Projects Agency report #12. November 1970. 14p.
- 70-38 Tyler, John E. On the measurement of radiant energy for correlation with primary productivity in the ocean. December 1970. Visibility Laboratory. 10p. AD 718 367.

1971

- 71-1 Duntley, Seibert Q. Underwater lighting by submerged lasers and incandescent sources. Visibility Laboratory. June 1971. 275p. AD 730 721.
- 71-2 Evans, M. W., A. L. Moore, R. A. Schwartzlose and A. M. Tubbs. Data from deep moored instrument stations; volume 3. January 1971. 93p. AD 744 023.
- 71-3 Physical and chemical data: CalCOFI Cruise 6801; 7 - 26 January 1968: CalCOFI Cruise 6804; 23 April - 6 May 1968: and CalCOFI Cruise 6806; 31 May - 22 June 1968. 1971. 160p.
- 71-4 Advanced Ocean Engineering Laboratory annual report, December 31, 1970. (AOEL Report No. 16). 1971. 133p. AD 719 412.
- 71-5 Sessions, Meredith H. and Phillip M. Marshall. A precision deep-sea time release. March 1971. 22p. AD 722 017.
- 71-6 Smith, Stuart M., George F. Sharman and Uta Ritter. Updated indexes of digitized navigation, bathymetric, and magnetic data in the Pacific Ocean from Scripps Institution of Oceanography and other sources. March 1971. 20p. and maps. AD 741 185.
- 71-7 Sclater, J. G., U. Ritter, W. Hilton, L. Meinke and R. L. Fisher. Charts of residual magnetic field plotted along track for the Indian Ocean. Marine Physical Laboratory. May 1971. 3p. and 32 foldouts. AD 725 881.

- 71-8 Marine technician's handbook: Oxygen analysis. (Sea Grant Publication No. 9) May 1971. 30p. COM-71-01020.
- 71-9 Dixon, F. Marine technician's handbook: Gravity coring. (Sea Grant Publication No. 10). May 1971. 12p. COM-71-01022.
- 71-10 Marine technician's handbook: Phosphate analysis. (Sea Grant Publication No. 11) May 1971. 18p. COM-71-01021.
- 71-11 Cancelled.
- 71-12 Cancelled.
- 71-13 Cancelled.
- 71-14 Limited.
- 71-15 Bibliography of the SIO Reference Series, 1970. June 1971. 6p.
- 71-16 Cancelled.
- 71-17 Bellows, Donald and Robert Oversmith. 1/100 scale model experiments stable floating platform A-59. Advanced Ocean Engineering Laboratory. (AOEL Report No. 22). August 1971. 31p.
- 71-18 Cancelled.
- 71-19 Squier, Earl D. Survey of hydrophone acceleration responses. Marine Physical Laboratory. August 1971. 131p. AD 735931. Addendum to Survey of hydrophone acceleration responses. Marine Physical Laboratory. July 1972. 7p.
- 71-20 Anderson, Victor C. Reports on applications of ARPA platform. Marine Physical Laboratory. July 1971. 38p.
- 71-21 Confidential.
- 71-22 Advanced Ocean Engineering Laboratory technical progress report June 30, 1971. (AOEL Report No. 23). July 1971. 133p. AD 728 796.

- 71-23 Surface water temperatures at shore stations United States West Coast, 1970, including surface salinities from several stations and five-meter temperatures and salinities at Scripps Pier. August 1971. 22p.
- 71-24 Johnson, David A. Studies of deep sea erosion using deep-towed instrumentation. September 1971. 167p. AD 740 813.
- 71-25 Physical and chemical data: Burton Island Expedition, 28 February - 15 April 1968, and STYX Expedition, 4 April - 4 August 1968. 1971. 75p.
- 71-26 Confidential.
- 71-27 Davies, T. A., D. A. Clague and P. Wilde. Preliminary report on Leg VII of Aries Expedition: Geological investigations in the Western North Pacific, July - August 1971. November 1971. 23p. and 7 foldouts.
- 71-28 Blackburn, Maurice. Scripps Tuna Oceanography Research (STOR) program; report for the year; July 1 1970 - June 30, 1971. (Also IMR Reference 72-6). November 1971. 26p.
- 71-29 Anderson, Victor C. and Daniel K. Gibson. ORBRUM operations, March through August 1970. Sea Floor Technology report No. 2. Marine Physical Laboratory. January 1972. 12p. AD 740 804.
- 71-30 Rasmussen, Robert A. and Norman Head. Target detection in homogeneous noise backgrounds using a time/bearing display format. Marine Physical Laboratory. December 1971. 8p. AD 738 898.
- 71-31 Confidential.
- 71-32 Chase, T. E., D. A. Newhouse, W. L. Crocker, M. Schoenbechler and L. Hydock. The processing projector and variable speed box camera for continuous microfilm retrieval. December 1971. 22p.
- 71-33 Spiess, F. N. and S. M. Sanders. Survey of chase disposal area (NITNATOW). Marine Physical Laboratory. December 1971. AD 893 832L.

71-34 Cancelled.

1972

- 72-1 Namias, Jerome and Robert M. Born. Empirical techniques applied to large-scale and long-period air-sea interactions, a preliminary experiment. February 1972. 38p. AD 743 864.
- 72-2 Advanced Ocean Engineering Laboratory, technical progress report. December 31, 1971. AOEL Report No. 26. February 15, 1972. 120p. AD 738 476.
- 72-3 Edwards, Gerald D. and James L. Harris, Sr. Visual aspects of air collision avoidance: Computer studies on pilot warning indicator specifications. Visibility Laboratory. February 1972. 27p.
- 72-4 Johnson, Robert K. and Michael A. Barnett. Supplementary station list of materials examined for a study of meristic variation in Diplophos taenia Gunther. May 1972. 9p.
- 72-5 Alfvén, Hannes and Gustaf Arrhenius. Comets and asteroids - fundamental targets for space exploration. August 1972. 18p.
- 72-6 Deep moored instrument station cruise report: North Pacific Study; Cruise 1; USCGC Acushnet; September 12 to October 24, 1968. 1972. 74p. AD 744 195.
- 72-7 Deep moored instrument station cruise report: North Pacific Study; Cruise 2; USCGC Acushnet; November 19 - December 19, 1968. 1972. 62p. AD 744 671.
- 72-8 Deep moored instrument station cruise report: North Pacific Study; Cruise 3; USCGC Acushnet; April 17 to June 19, 1969. 1972. 80p. AD 744 196.

- 72-9 Deep moored instrument station cruise report:
North Pacific Study; Cruise 4; USCGC Acushnet;
September 10 - October 9, 1969. 1972. 66p.
AD 744 197.
- 72-10 Deep moored instrument station cruise report:
North Pacific Study; Cruise 5; USCGC Acushnet;
November 12 to December 13, 1969. 1972. 57p.
AD 743 866.
- 72-11 Deep moored instrument station cruise report:
North Pacific Study; Cruise 6; USCGC Acushnet;
April 8 to May 3, 1970. 1972. 63p. AD 744 550.
- 72-12 Deep moored instrument station cruise report:
North Pacific Study; Cruise 7; USCGC Acushnet;
June 17 to July 19, 1970. 1972. 50p.
AD 743 868.
- 72-13 Deep moored instrument station cruise report:
North Pacific Study; Cruise 8; USCGC Acushnet;
September 20 to October 30, 1970. 1972. 51p.
AD 743 869.
- 72-14 Deep moored instrument station cruise report:
North Pacific Study; Cruise 9; USCGC Acushnet;
November 16 to December 9, 1970. 1972. 42p.
AD 744 198.
- 72-15 Deep moored instrument station cruise report:
North Pacific Study; Cruise 10; USCGC Acushnet
March 22 to April 29, 1971. 1972. 44p.
AD 744 199.
- 72-16 Deep moored instrument station cruise report:
North Pacific Study; Cruise 11; USCGC Acushnet;
May 25 to June 17, 1971. 1972. 46p. AD 744 200.
- 72-17 Deep moored instrument station cruise report:
North Pacific Study; Cruise 12; R/V Thomas
Washington; September 3 - 19, 1971. 1972. 26p.
AD 744 201.
- 72-18 Bradner, Hugh and John D. Isaacs. Overpressures
due to earthquakes project, final technical report.
Advanced Ocean Engineering Laboratory. AOEL
report No. 27. May 1972. 25p. AD 742 117.

- 72-19 Physical and chemical data from the southern ocean between Australia and Antarctica: USNS Eltanin Cruise 41; 20 December 1969 - 16 February 1970. Joint report: Scripps Institution of Oceanography; Horace Lamb Centre for Oceanographical Research, Flinders University of South Australia and Department of Earth and Planetary Science, Johns Hopkins University. 1972. 66p. AD 747 792.
- 72-20 List of cores and dredge samples; Age. 1956. 2p.
- 72-21 Amphitrite Expedition: December 1963 - February 1964: List of cores and dredge samples. 1964. 3lp. AD 741 658.
- 72-22 Aries Expedition: November 1970 - October 1971: List of cores and dredge hauls. 1971. 9p. AD 741 703.
- 72-23 List of cores collected on Capricorn (1952-53), Cusp (1954) and Chubasco (1954) Expeditions. May 1955. 30p. AD 741 670.
- 72-24 Chubasco Expedition: November - December 1954: List of cores. 1954. 1p.
- 72-25 Carmarsel (NOVA) Expedition: January - February 1967: List of cores. 1967. 3p.
- 72-26 Carrousel II Expedition: July - August 1964: List of cores, dredge samples and camera stations. 1964. 5p.
- 72-27 Chinook Expedition: June - August 1956: List of cores. Revised edition, 1969. 4p.
- 72-28 Circe Expedition: March 1968 - January 1969: List of cores and dredge hauls. 1969. 2lp. AD 741 660.
- 72-29 DODO Expedition: May 1964 - December 1964; List of cores and dredge samples. 4lp. AD 741 659.
- 72-30 Downwind Expedition: 1957 - 1958: List of cores and dredge samples. May 1958. 39p. AD 741 657.
- 72-31 Cores collected by the U.S. Coast and Geodetic Survey ship Explorer; February to April 1960. 4p.

- 72-32 Fanfare Expedition 1959: List of cores and dredge samples. 6p. AD 741 653.
- 72-33 Hilo Expedition: March - April 1962: List of cores. 3p.
- 72-34 Japanyon Expedition: June - September 1961: List of sediment cores: Legs 2, 4 and 5. 20p. AD 741 648.
- 72-35 Leapfrog Expedition: July - September 1961: List of cores. 6p. AD 741 654.
- 72-36 Lusiad Expedition: May 1962 - August 1963: List of sediment cores and dredge hauls. 42p. AD 741 662.
- 72-37 Mendocino Expedition: April - May 1960: List of core samples. 6p. AD 741 655.
- 72-38 Mid-Pac Expedition: August - September 1950: List of cores and dredge samples. 10p. AD 741 656.
- 72-39 Monsoon Expedition: August 1960 - April 1961: List of cores and dredge samples. 39p. AD 741 663.
- 72-40 Mukluk Expedition: July - August 1957; cores and dredge samples. 6p.
- 72-41 NEL-Hawaii; Data on sediment surface samples off Oahu, T.I. 1p.
- 72-42 Northern Holiday: Core log. 7p.
- 72-43 Nova Expedition: May - November 1967: list of cores and dredge hauls. 19p. AD 741 669.
- 72-44 Papagayo Expedition: June - August 1965: List of cores and dredge hauls. 8p. AD 741 667.
- 72-45 Pifan Expedition (including Montcan Expediton) September 1964: List of cores and dredge hauls. 9p. AD 741 661.
- 72-46 Proa Expedition: April - August 1962: List of cores and dredge samples. 35p. AD 741 652.
- 72-47 Risepac Expedition: October 1961 - February 1962: List of cores and dredge hauls. 16p. AD 741 650.

- 72-48 Scan Expedition: March 1969 - February 1970:
List of cores and dredge hauls. 16p. AD 741 651.
- 72-49 Show Expedition: June - July 1966: List of
cores. 5p. AD 741 665.
- 72-50 Southern Borderland Expedition: Spencer F.
Baird: February - March 1960: Ocra: August 1960:
List of cores and dredge samples. 5p. AD 744 666.
- 72-51 Styx Expedition: April - September 1968: List
of cores. 15p. AD 741 649.
- 72-52 Tethys Expedition: June - July 1960: List of
cores. 5p. AD 741 664.
- 72-53 Tripod Expedition: November - December 1966:
List of cores and dredge hauls. 5p.
- 72-54 Vizcaino Bay Expedition (formerly 6508A): August -
September 1965: List of cores. 3p.
- 72-55 Wahine Expedition: February - April 1965:
List of cores. 7p. AD 741 644.
- 72-56 Core log - Zapotec: October 22 - December 22, 1960.
4p.
- 72-57 Zephyrus Expedition: June - September 1962:
List of cores. 8p. AD 741 643.
- 72-58 Zetes Expedition: March - August 1966: List
of cores and dredge hauls. 7p. AD 741 645.
- 72-59 Brown, Daniel M. Windmill generator for the
Bumblebee buoy. June 1972. 17p.
- 72-60 Ensminger, R. L., Robert F. Howarth and Alma L.
Shaules. Image intensifier system detection exper-
iment. Visibility Laboratory. June 1972. 43p.
AD 901 578 L.
- 72-61 Tubbs, A. M., A. L. Moore, J. M. Park and J. J.
Phillips. Data from deep moored instrument
stations. Volume 4. June 1972. 165p. AD 744 026.
- 72-62 Surface water temperatures at shore stations, United
States West Coast, 1971, including surface salinities
from several stations and five-meter temperatures and
salinities at Scripps Pier. June 1972. 21p.
AD 749 031.

- 72-63 Clinton, James R. Soil mechanics with the ORB-RUM sea floor work system. Sea floor technology report No. 4. Marine Physical Laboratory. August 1972. 16p. AD 751 609.
- 72-64 Duntley, Seibert Q., Richard W. Johnson and Jacqueline I. Gordon. Airborne measurements of optical atmospheric properties in Southern Germany. Scientific report No. 1. Visibility Laboratory. July 1972. 21lp. AD 747 490.
- 72-65 Anderson, Victor C. and H. P. Rumble. Pricing distributions for submerged pressure hulls. Marine Physical Laboratory. July 1972. 16p. AD 749 929.
- 72-66 Mudie, J. D., J. Grow, K. Klitgord and P. Larson. Shipboard cruise report on Leg 2 of Expedition South Tow; Studies in the Southeast Pacific. Marine Physical Laboratory. August 1972. 42p. AD 749 930.
- 72-67 Greenhouse, John P. Geomagnetic time variations on the sea floor off Southern California. Marine Physical Laboratory. August 1972. 237p. AD 749 931.
- 72-68 Snyder, H. George and A. Fleminger. A catalogue of zooplankton samples in the marine invertebrate collections of Scripps Institution of Oceanography. Accessions, 1965 - 70. June 1972. 237p.
- 72-69 Kalmijn, Adrianus J. The second derivative or potential mode? A critical evaluation of Lissmann and Machin's theory concerning the mode of operation in the electroreceptors of Gymnarchus niloticus and similar fish. 1972. 32p. AD 746 877.
- 72-70 Mudie, Peta J., Walter R. Schmitt, Elizabeth J. Luard, John W. Rutherford and Fay H. Wolfson. Preliminary studies on seawater irrigation. Halophyte research program. Foundation for Ocean Research. Publication No. 1. July 1972. 103p.
- 72-71 Duntley, Seibert Q., Richard W. Johnson and Jacqueline I. Gordon. Airborne and ground-based measurements of optical atmospheric properties in Central New Mexico. Visibility Laboratory. September 1972. 22lp. AD 751 936.
- 72-72 Advanced Ocean Engineering Laboratory, technical progress report. AOEL report #29. June 1972. 60p. AD 748 024.

- 72-73 Rasmussen, Robert A. Effects of data quantization and display contrast on detection in intensity modulated displays. Marine Physical Laboratory. October 1972. 13p. AD 751 711.
- 72-74 Bibliography of the SIO Reference Series. 1971. September 1972. 6p.
- 72-75 Grow, John A. A geophysical study of the Central Aleutian Arc. Marine Physical Laboratory. October 1972. 115p. AD 755 455.
- 72-76 Shor, George G., Jr. and Stuart M. Smith. Preliminary cruise report, Iguana Expedition. Marine Physical Laboratory. October 1972. 34p. AD 750 679.
- 72-77 Geosecs intercalibration and test expeditions: Antipode 15 Expedition; 14 - 24 August 1971: Antipode 17 Expedition: 11 September - 4 October 1971 and GOGO I Expedition: 15 - 20 November 1971. 56p. AD 752 070.
- 72-78 Petzold, Theodore J. Volume scattering functions for selected ocean waters. Visibility Laboratory. October 1972. 76p. AD 753 474.
- 72-79 Williams, Francis. Scripps Tuna Oceanography Research (STOR) Program; report for the year; July 1, 1971 - June 30, 1972. (Also issued as IMR Reference No. 73-5). Institute of Marine Resources. November 1972. 28p.
- 72-80 Stewart, Robert H. Wave and turbulence. Final report. October 1972. 9p.
- 72-81 Edwards, Gerald D. and James L. Harris, Sr. Image intensifier recognition experiment. Visibility Laboratory. September 1972. 16p. AD 905 715L.
- 72-82 Duntley, Seibert Q., Richard W. Johnson and Jacqueline I. Gordon. Airborne measurements of optical atmospheric properties, summary and review. Final report. November 1969 - August 1972. Visibility Laboratory. November 1972. 79p.
- 72-83 Kalmijn, Adrianus J. Bioelectric fields in sea water and the function of the ampullae of Lorenzini in elasmobranch fishes. Translated into english. October 1972. 22p. AD 754 799.

- 72-84 Yeager, Ernest, F. H. Fisher, John Miceli and Robert Bressel. Origin of the low frequency sound absorption in sea water. December 1972. 4p. Marine Physical Laboratory. AD 756 816.
- 72-85 Chung, Y., C. Down and J. G. Sclater. Temperature data from the Pacific and Indian Abyssal waters. 1972. 47p. AD 757 067.

1973

- 73-1 Spiess, F. N., Bruce Malfait, P. F. Lonsdale and R. C. Tyce. Shipboard cruise report on Leg five of Expedition South Tow. Marine Physical Laboratory January 1973. 10p. AD 757 793.
- 73-2 Parker, R. L., J. D. Mudie and R. S. Howard. Another method for calculating magnetic anomalies. Marine Physical Laboratory. March 1973. 12p. AD 762 532.
- 73-3 Technical Progress Report: Advanced Ocean Engineering Laboratory. December 31, 1972. AOEL Report #35. 46p. AD 757 425.
- 73-4 Spiess, F. N. and R. C. Tyce. Marine Physical Laboratory: Deep Tow Instrumentation System. Marine Physical Laboratory. March 1973. 40p. AD 766 477.
- 73-5 Ballis, Douglas J. Monthly mean bathythermograph data from ocean weather station "PAPA". March 1973. 104p. AD 758 008.
- 73-6 Ballis, Douglas J. Monthly mean bathythermograph data from ocean weather station "Victor". March 1973. 85p. AD 757 998.
- 73-7 Ballis, Douglas J. Monthly mean bathythermograph data from ocean weather station "November". March 1973. 124p. AD 757 999.
- 73-8 Robinson, Margaret K. Atlas of monthly mean sea surface and subsurface temperature and depth of the top of the thermocline Gulf of Mexico and Caribbean Sea. March 1973. 108p. AD 760 682.

- 73-9 Smith, Stuart, M. and Uta R. Albright. Index of digital navigation, depth and magnetic data from Scripps Cruises... Processed through March 1973 and description of standard forms of output. April 1973. 30p, 2 charts.
- 73-10 Spiess, F. N., P. Lonsdale, R. C. Tyce and J. D. Mudie. Shipboard cruise report on Leg 10 of Expedition South Tow. Marine Physical Laboratory. April 1973. 18p. AD 764 552.
- 73-11 Technical Progress Report: Advanced Ocean Engineering Laboratory, December 1972. AOEL Report #38. 1973 67p. AD 759 078.
- 73-12 Chatfield, Alan Floyd. Lateral variations of velocity within the "transparent" layer of the central equatorial Pacific. Marine Physical Laboratory. April 1973. 11p. AD 771 318.
- 73-13 Deep moored instrument station cruise report: North Pacific study cruise 7302: February 5-23, 1973. 1973. 25p. AD 760 683.
- 73-14 Klein, Hans T. A new technique for processing physical oceanographic data. 1973. 17p.
- 73-15 Surface water temperatures at shore stations United States West Coast 1972, including surface salinities from several stations at five-meter temperatures and salinities at Scripps Pier. May 1973. 20p. AD 768 375.
- 73-16 Tyler, John E. Measurements of photosynthesis, available radiant flux and supporting oceanographic data. Data report: SCOR Discoverer Expedition May 1970. Volumes 1 and 2. June 1973. 1012p.
- *73-17 Bibliography of the SIO Reference Series, 1972. June 1973. 9p.
- 73-18 Cancelled.
- 73-19 Lonsdale, Peter F. Cruise report, CATO Leg 3. Marine Physical Laboratory. August 1973. 30p. PB 226 692.
- 73-20 Technical progress report: Advanced Ocean Engineering Laboratory, June 30, 1973. AOEL Report #41. August 1973. 27p. AD 766 151.

- 73-21 Technical progress report: Advanced Ocean Engineering Laboratory, June 30, 1973. AOEL Report #42. August 1973. 2lp. AD 776 049.
- 73-22 Brenner, Michael J. The science advisory function: The case of international marine environment policy. August 1973. 60p.
- 73-23 Huang, Joseph Chi Kan. A multi-layer, nonlinear regional dynamic model of the North Pacific Ocean. September 1973. 50p. AD 771 305.
- 73-24 Duntley, Seibert Q., Richard W. Johnson and Jacqueline I. Gordon. Airborne measurements of optical atmospheric properties in Southern Illinois. Visibility Laboratory. July 1973. 248p. AD 774 597.
- 73-25 Physical and Chemical Data: Carrousel Expedition; 16 June - 14 July 1964: Student Training Cruises; 6403; 16-19 March 1964: 6411; 14 November 1964: 6412; 2 December and 6412; 20 December. 1974. 24p.
- 73-26 North Pacific Study: Physical Data Report, Cruises 1 through 12, September 1968 - September 1971. 1974. 120p. AD 779 910.
- 73-27 Smith, Stuart M., Warren L. Smith and Uta R. Albright. Backlog of SIO Indian Ocean magnetic data re-processed in summer 1973. October 1973. 3p.
- 73-28 Born, R., A. Walker, J. Namias and W. White. Monthly mean sea surface temperature departures over the north Pacific Ocean with corresponding subsurface temperature departures at ocean weather stations "Victor", "Papa" and "November" from 1950 to 1970. October 1973. 249p. AD 771 457.
- 73-29 Cancelled.
- 73-30 Bronson, Earl D. and Larry R. Glostén. FLIP, Floating Instrument Platform. Marine Physical Laboratory. November 1973. 26p. AD 785 030.
- 73-31 Ivers, William D. and John D. Mudie. Simulation studies of the response of a deeply towed vehicle. Marine Physical Laboratory. November 1973. 7p. AD 779 508.

- 73-32 Pelouquin, R. A. A fixed gantry for handling data buoys at sea. November 1973. 60p. AD 774 136.
- 73-33 Pelouquin, R. A. Cost considerations for handling data buoys at sea. October 1973. 50p. AD 774 744.
- 73-34 Cancelled.
- 73-35 Austin, Roswell, W. The permanence of reflectance properties of submarine concealment paints. Visibility Laboratory. October 1973. 66p. AD 915 561L.
- 73-36 L. R. Glostén and Associates, Inc. Parametric study of a column-supported floating airfield. AOEL Report #48. June 1973. 40p. AD 771 672.
- 73-37 Bellows, Donald. Subharmonic and divergent motions of floating platforms. AOEL Report #50. December 1973. 57p. AD 782 474.
- 73-38 Arrhenius, Gustaf, Bibhas R. De, and Hannes Alfvén. Origin of the Ocean. 1973. 32p.
- 73-39 Kalmijn, Ad. J. Electro-orientation in sharks and rays: Theory and experimental evidence. November 1973. 22p. AD 776 253.
- 73-40 Bellows, Donald. Model studies of stable floating platforms using the PDP/8E computer. AOEL Report #53. August 1973. 42p. AD 780 899.
- 73-41 Lorman, William R. Seawater absorption by precast Portland cement concrete containing lightweight aggregate. AOEL Report #54. November 1973. 49p.
- 73-42 Cumulative Bibliography of the SIO Reference Series 1969-1973. October 1974. 26p.

AUTHOR INDEX

AUTHOR INDEX

A

Albright, U. R., 73-9, 73-27
Alfven, H., 72-5, 73-38
Anderson, V. C., 70-13, 71-20
71-29, 72-65
Arrhenius, G., 72-5, 73-38
Austin, R. W., 69-5, 73-35

B

Ballis, D. J., 73-5, 73-6,
73-7
Barnett, M. A., 70-18, 72-4
Bell, M. L., 69-17
Bellows, D., 70-37, 71-17,
73-37, 73-40
Blackburn, M., 69-23, 70-32,
71-28
Boileau, A., 70-7
Born, R. M., 70-19, 72-1,
73-28
Bradner, H., 72-18
Brass, G. W., 69-24
Brenner, M. J., 73-22
Bressel, R., 72-84
Bronson, E. D., 69-18, 73-30
Brown, D. M., 70-19, 72-59

C

Chase, T. E., 71-32

Chatfield, A. F., 73-12
Chung, Y., 69-17, 72-85
Clague, D. A., 71-27
Clinton, J., 72-63
Corry, C., 69-17
Crocker, W. L., 71-32

D

Davies, T. A., 71-27
Davis, R. E., 70-18
De, B. R., 73-38
Dixon, F., 71-9
Down, C., 72-85
Drollinger, E. M., 69-16
Duntley, S. Q., 70-7, 70-27,
71-1, 72-64, 72-71, 72-82, 73-24

E

Edgerton, C. F., 70-27
Edwards, G. D., 72-3, 72-81
Enright, J. T., 70-18
Ensminger, R. L., 69-28, 72-60
Evans, M. W., 69-6, 71-2
Everson, J., 70-4

F

Fager, E. W., 70-18

Fisher, F. H., 72-84

I

Fisher, R. L., 71-7

Inman, D. L., 69-10, 70-9

Fitzgerald, R., 69-24, 69-25,
70-20

Isaacs, J. D., 70-19, 72-18

Fleminger, A., 72-68

Ivers, W. D., 73-31

Folsom, T. R., 69-30, 70-15

J

Francheteau, J., 70-30

Johnson, D. A., 71-24

Frazer, Jane Z., 69-21, 69-25,
70-4

Johnson, R. K., 72-4

Fujita, H., 69-21, 69-25, 70-4

Johnson, R. W., 70-7, 72-64, 72-71,
72-82, 73-24

G

K

Gantzel, P., 70-20

Kalmijn, A. J., 72-69, 72-83, 73-39

Gibson, D. K., 70-13, 71-29

Klitgord, K., 72-66

Glosten, L. R., 69-18, 73-30

Komar, P. D., 69-10

Gordon, J. I., 69-20, 70-7,
72-64, 72-71, 72-82, 73-24

Klein, H., 73-14

L

Greenhouse, J. P., 72-67

Larson, P., 72-66

Grismore, R., 69-30

Larson, R. L., 70-8, 70-22

Grow, J., 70-31, 72-66, 72-75

Liebertz, P., 70-10

H

Lonsdale, P. F., 73-1, 73-10, 73-19

Hanor, J. S., 69-24, 69-25

Lorman, W. R., 73-41

Harris, J. L., Sr. 72-3, 72-81

Luard, E. J., 72-70

Haxo, F. T., 70-12

Luyendyk, B. P., 70-14, 70-31

Head, N., 71-30

M

Hecht, A., 70-34

McGlamery, B. L., 69-28

Hilton, W., 71-7

McGowan, John A., 70-18

Howard, R. S., 73-2

Malfait, B., 73-1

Howarth, R. F., 69-28, 72-60

Marshall, P. M., 71-5

Huang, J. C. K., 73-23

Meinke, L., 71-7

Hydock, L., 71-32

Meyer, C., 70-6

Miceli, J., 72-84

Moore, A. L., 71-2, 72-61

Morris, G. B., 69-26

Mudie, J. D., 70-31, 72-66, 73-2, 73-10, 73-31

Mudie, Peta J., 72-70

Myers, M., 69-28

N

Namias, J., 72-1, 73-28

Newhouse, D. A., 71-32

Nordstrom, C. E., 69-10

Normark, W. R., 69-29

O

Oversmith, R., 70-29, 71-17

P

Park, J. M., 72-61

Parker, R. L., 73-2

Peloquin, R. A., 73-32, 73-33

Petzold, T. J., 70-27, 72-78

Phillips, J. J., 72-61

R

Raff, A. D., 69-19

Rasmussen, R. A., 69-11, 71-30
72-73

Reid, A. M., 69-21, 70-4

Ritter, U., 71-6, 71-7

Robinson, M. K., 69-16, 73-8

Rumble, H. P., 72-65

Rutherford, J. W., 72-70

S

Sanders, S. M., 71-33

Schoenbechler, M., 71-32

Schmitt, W. R., 72-70

Schwartzlose, R. A., 69-6, 70-19, 71-2

Sclater, J. G., 69-17, 71-7, 72-85

Sessions, M. H., 70-19, 71-5

Sharman, G., 70-1, 71-6

Shaules, A. L., 72-60

Shor, G. G., Jr., 72-76

Silver, M. E., 70-18

Smith, R. C., 69-5

Smith, S. M., 70-1, 71-6, 72-76, 73-9, 73-27

Smith, W. L., 73-27

Snyder, H. G., 72-68

Spieß, F. N., 70-8, 70-31, 71-33, 73-1, 73-4, 73-10

Squier, E. D., 71-19

Stewart, R. H., 72-80

Suhayda, J. N., 70-34

T

Tait, R. J., 69-10

Taylor, J., 69-22

Tubbs, A. M., 69-6, 71-2, 72-61

Tyce, R. C., 73-1, 73-4, 73-10

Tyler, J. E., 70-25, 70-35, 70-38
73-16

V

Van Dorn, W. G., 70-9

W

Walker, A., 73-28

Walker, P. W., 69-6

Warner, R. R., 70-18

Weitz, W. E., Jr., 69-30

White, W., 73-28

Wilde, P., 71-27

Williams, F., 72-79

Wolfson, F. H., 72-70

Y

Yeager, E., 72-84