SHIP OPERATIONS AND MARINE TECHNICAL SUPPORT (SOMTS) Records (SAC 17)

This collection consists of 10 accessions that have been merged in accession number order into one consecutive run of 47 cartons. The original description of each accession is included here in this list, accompanied by the carton number for the contents. This collection is minimally processed. Folder level lists for each accession are detailed, but there is no overarching order, series, or organization to the materials beyond the inventories.


**Accession No.: 81-03**


Description: The collection consists of twelve 8/13” bound volumes plus one linear foot of loose material. The collection logs record date, times of patrol, SIO ships in port, names of guards on duty, incidents that occurred during watch.

Box 1 Guard log records 1973-1979

**Accession No.: 90-12**


Description: The accession consists of records documenting ship acquisition, operation, maintenance and sale, expedition records and business records of the SIO Nimitz Marine Facility.

The Scripps Institution of Oceanography established Marine Facilities in 1948 to operate the institution’s oceanographic fleet. In 1965, Scripps acquired land for port facilities on Point Loma. This became the headquarters of Marine Facilities, which was renamed Chester W. Nimitz Marine Facilities.

Box 1  **Alpha Helix Clearances (Foreign) for East Asian Expedition & Buku Kesehatan Health Book, 1975**
Dolphin Clearance – Mexican, Gulf of California, 1975

Summary of ship ops for FY 1981-82

Ellen B. Scripps/ Sale of / 1984

Ellen B. Scripps/ Purchase / 1965-1968

New Horizon (1978) - Atlantic Maritime close-out matters; Marine Architects, R. Ley (Matzer/Assoc./PRC-Guralnick); Outfitting Expenses

 ALPHA HELIX personnel arrival and departure log

 Specifications for Conversion and Repair of the T.S.M.V. “YS-292” [CREST]

 Bill of Sale, SERENDIP 1971

 Box 2

 [No title]

 [No title]

 [Property Record Carts, 1948-1960]

 [ALEXANDER AGASSIZ]

 ALPHA HELIX

 VES 8400 Army T Boat Acquisition and Registry

 ARGO

 VES-11176 SNATCH ARS-27 Conversion [ARGO]

 VES 11400 Argo SNATCH-ARS-27 Acquisition and Registry

 ARGO (Ex-SNATCH)

 ARGO [Inventory]

 BAIRD

 VES-6400 [Buoy Boat] Small Craft-Acquisition and Registry

 BUOY BOATS

 BUOY BOAT PAOLINA
CHARLEY BEAR, 1957-1970
VES 4400 CREST-Acquisition and Registry
VES-4176 CREST-Conversion
VES 4702 CREST-Operations and Maintenance
VES 4752 CREST-Radio
CRUIZON (Amigo)
DOLPHIN
ELLEN B. SCRIPPS
VES 2400 E.W. SCRIPPS Acquisition and Registry
VES 2702 E.W. SCRIPPS-Operations and Maintenance
VES 2752 E.W. SCRIPPS-Radio
VES 2753 E.W. SCRIPPS, Sale of
Inventory of FS-227, March 1961
GIANNA, 1974-1977
GOLDEN ONE
[Acquisition of HORIZON and CREST]
HORIZON [Sale]
H.M. SMITH
Instrumented Mobile Platform (IMP)
Macrocystis
Motor Launch Diamond Island

Box 3 OCONOSTOTA
Specifications for conversion of the vessel OCONOSTOTA (YTM-375) for University of California

VES 10400 ORCA Acquisition and Registry

VES-10752 ORCA

ORCA Equipment Ins

ORCA [Sale]

VES 5400 PAOLINA-T

VES 5702 PAOLINA T. Operations and Maintenance

VES 5176 PAOLINA T Conversion

VES 5752 PAOLINA T-Radio

PAOLINA T [Disposition]

PICKET BOAT

RED LION

SERENDIP

DS-138 Skiff

VES 7400 SPENCER F. BAIRD Acquisition and Registry

VES 7176 SPENCER F. BAIRD-Conversion

VES 7702 SPENCER F. BAIRD-Operation and Maintenance

STAR III

ST-908 [Sale]

VES 9176 STRANGER-Conversion

ST 908 Acquisition and Registry

FS208 Acquisition and Registry

STRANGER [Sale]
T-441

THOMAS WASHINGTON, 1966

UTILITY BOAT ST908

WALTZING MATILDA

Work Boats, 1963-1964

ORV Operator's Conference, 1962-1963

A2-7 Director's Office Correspondence (General)

AS Public Relations

[A7-4 Insurance] Fleet Policy

A-23/4 ONR

C7 Radio Communications Correspondence

C7

C8 Radio Licenses

C8

[E7-104] Rama Expedition, 1981

G10

G 17 THOMAS WASHINGTON

SEABEAM G17-B

Box 4 L4-3 Contracts and Other Orders (Adjustments, Foreign Purchases, Purchase Orders, Invoices)

R-1 U.S. Coast Guard

Office of Director (Faughn) records, ships operations
Accession No.:93-16


Provenance: Before 1981, SOMTS records received by SIO Archives were integrated into the SIO Subject files (81-16) under the names of ships, expeditions or offices. In 1981, Dr. Robert L. Fisher transferred six folders on the Alpha Helix program to the Archives. In 1982, six record center cartons of Ship Scheduling Office records were accessioned by the Archives as 82-79 and 82-102. The first accession contained expedition files and clearances for R/V Alpha Helix from the 1970s, as well as expedition files for other ships. The second contained files regarding R/V Alpha Helix and the Alpha Helix Program which were kept by the Ship Scheduling Office after the Alpha Helix Program ended. Another 18 record center cartons were transferred from Ship Scheduling to Archives in August 1993 and accessioned as 93-16. These SOMTS files contained ship support proposals, Marine Operations Committee files, expedition files, ship time requests, clearances, and vessel information. The four accessions were integrated as 93-16 [AC17].

Administrative History: Ship Operations and Marine Technical Support (SOMTS), is the technical support division of SIO. SOMTS provides ship scheduling, foreign clearances and marine technical support. It includes Shipboard Technical Support Services and the Chester W. Nimitz Marine Facility. SOMTS worked closely with the Alpha Helix Program Office from 1966 to 1980. This collection consists of records of the SOMTS office from 1948 to 1987, primarily from 1974 to 1980, under Associate Director Robert L. Fisher.

While SIO has used research ships since early in its history -- R/V Alexander Agassiz (1907-1917), R/V Scripps (1925-1936), and R/V E.W. Scripps (1937-1955) -- it wasn't until 1948, when SIO began building a research fleet, that the office of Marine Facilities was formed. In 1948, SIO acquired R/V Horizon, Paolina T., Crest, and the buoy boats. R/V Spencer F. Baird was added in 1951. Marine Facilities, under Marine Superintendent Finn Outler, was created to manage ship operations for the growing fleet. After Finn Outler, the position of Marine Superintendent was held by Clemens W. Stose (1950-1953), Clifford W. Campbell (1954-1956), Peter G. Trapani (1956-1972), and Peter S. Branson (1972-1979). The Nimitz Marine Facility in Point Loma was dedicated in 1966, providing berthing for the SIO fleet.

From 1968 to 1974, Associate Director George Shor was responsible for the administration of ship operations, units of which were dispersed throughout SIO. In 1974, Marine Facilities and various separate technician groups were organized into Ship Operations and Marine Technical Support. Robert L. Fisher was appointed Associate Director, Ship Operations and Marine Technical Support in July 1974, and Peter S. Branson continued as head of the Nimitz Marine Facility. George Shor succeeded Robert L. Fisher as head of SOMTS in 1980. In 1985, the SOMTS Marine Technology Group was combined with the Oceanographic Data Facility to form
Shipboard Technical Support Services. George Shor retired in 1991, after which Robert A. Knox was appointed head of SOMTS.

**Arrangement:** The SOMTS Records contain files on ship operations for the years 1948-1987, with the majority being from the years 1972-1980, under Associate Director Robert L. Fisher. The collection consists of the following series:

- PROPOSALS
- MARINE OPERATIONS COMMITTEE
- EXPEDITIONS
- VESSELS
- SHIP SCHEDULING
- CLEARANCES
- ALPHA HELIX PROGRAM

The arrangement of the SOMTS office records had been disturbed over time, with parts of series interspersed with other series. Series have been reunited; however, arrangement within series was not always apparent, and the Proposals, Expeditions, and Clearances series have been rearranged to improve access. Proposals have been arranged chronologically by year, then numerically by proposal number. Expedition files and clearances for expeditions have been arranged alphabetically first by ship name, then by expedition name. Other files are arranged alphabetically by folder title.

**Scope and Content Notes:** The Proposals Series contains files on ship support proposals from 1971 to 1983, mostly to the National Science Foundation and the Office of Naval Research, for ship operations support, marine technician support, and oceanographic equipment. They are grouped chronologically by year, and then numerically by UCSD proposal number. There is also a section on proposals by and for other institutions.

The Marine Operations Committee Series contains correspondence, minutes, and memoranda from the Marine Operations Committee, which discusses funding, vessels, equipment, personnel, and other aspects of ship operations for SIO. The series also includes MOC subcommittees, SIO Staff Council, UC Ship Funds Committee, and Marine Facilities.

The Expeditions Series contains expedition files for Alexander Agassiz, Alpha Helix, Dolphin, Ellen B. Scripps, Gianna, Melville, Oconostota, Severiana, and Thomas Washington. They are arranged alphabetically by ship and then by expedition name. The series also contains expedition summary reports, correspondence on foreign distribution of scientific cruise reports, and two folders on the naming of expeditions.

The Vessels Series contains files on the acquisition, construction, maintenance, improvement, and sale of various SIO ships, primarily R/V Ellen B. Scripps and R/V Thomas Washington. The series includes weekly progress reports on the construction of Thomas Washington, with photographs of the ship taken in each stage of construction. Information about R/V Alpha Helix can be found in the Alpha Helix Program Series.

The Ship Scheduling Series contains ship time requests and correspondence on ship scheduling for SIO ships during the years 1967-1987.

The Clearances Series contains foreign and U.S. State clearances, permits, and correspondence. General permits are given for the U.S. and Mexico, followed by foreign clearances, arranged
alphabetically by ship and then by expedition name. Clearances are also be grouped into Mexican and foreign clearances. Included is a section on foreign participants on SIO expeditions.

The Alpha Helix Program Series contains two large subseries, Alpha Helix and Alpha Helix Program, regarding the vessel and the program management, respectively. The series consists of correspondence and subject files on the Alpha Helix program, including correspondence on proposed programs and post-cruise evaluation forms for Alpha Helix.

Box 4  
Active Contracts & Grants

1978-1979

Proposals 1980

Funding 1981

Distribution of UC Ship Funds

1975-1981

National Science Foundation

Budget and Fiscal Reports, 1974

Cost Sharing/Commitment Reports, 1978

Grant Close-out Check Lists, 1978

Final Project Reports for Institutional Grants, 1979

Ocean Sciences Division, 1979

Proposals 1971

UCSD 3544, Garey NSF, GB-28838, 1 July 1971, Alpha Helix

Proposals 1972

UCSD 4976, NSF Marine Facilities Pier
    Nierenberg/Frautschy NSF, GD-34607 (Pier)


Proposals 1973
UCSD 5400 and UCSD 6431; Shor NSF GD-41409, 15 February 1973 - 30 June 1975

UCSD 5777, R/V New Horizon, 2 January 1973
NSF Intermediate Size Research Vessel


UCSD 5905R, GB-39268, Garey NSF, Administrative support Alpha Helix

Proposals 1974

UCSD 6222, Nierenberg NSF GD-32467/GD-41493, Shipboard Technical Support

Proposals 1975

UCSD 0072, Ship Operations Support
Agency Grant No. GD-41402 (Renewal), SIO 10 July 1974

OFS/NSF Ship operations Support, July 1974, OCE74-01830

Correspondence Toye/Johrde/Elder/Fisher Ship Operation CX 1975

UCSD 0073
Oceanographic Equipment Proposal NSF CX 1975

Support of Oceanographic Equipment NSF 1 January 1976 - 31 December 1976, OFS 74-03195

UCSD 0074, Marine Technician support
Correspondence (Elder, Fisher) CX 1975

Proposal: NSF Marine Technician GD-41493 (Renewal) for CX 1975

Ship operation Proposals 1976

UCSD 0317
Ship operations CY 1976, Grant OCE74-01830-A-05, Also Grant Letters

Proposal Ship Operation (NSF) for 1976 and 1977
UCSD 0333, Marine Technician Support  
NSF 1 January 1976 - 31 December 1976

NSF/OFS Marine Technician Grant Review (R. Elder) CY 1976, 18 September 1975

NSF/OFS CY 1976 Marine Technician Proposal

Proposals 1977

NSF/OFS Proposal Worksheets for FY 1977


UCSD 0586; NSF Equipment/Ship Improvement, Proposal CY 1977 OCE76-24292, with final lt.

UCSD 0600; NSF/OFS OCE76-9-80618 CY 1977 Shipboard Technician

UCSD 0606, Ship Operations Support  
NSF/OFS CY 1977 OCE76-80874 (Rev. 2) 20 December 1976

OCE76-80874 CY 1977 NSF/OFS correspondence

NSF/OFS CY 1977 Proposal (original copy), also 29 October version

Proposal Ship Operation (NSF) for 1976 and 1977

CY 1977 NSF correspondence, etc.

UCSD 0611, NSF/OFS Ship Improvement, Equipment for 170 ft. New Horizon, 7 July 1976

Proposals 1978

Outstanding Proposal 1978

Box 5  
SOMTS: contract & Grant Administration Time Distribution/Functions

Proposal Material CY 1978

Proposal - Ship Operate (ONR) 1978
Proposal Ship Operations Support CY 1978
   Section 3, 4, 5, Draft & Master copies
   Section 6, 7
   Section 8, IC (Master Copy)

UCSD 0880, NSF/OFS CY 1978 Ships Equipment Support OCE77-23703, 23 April 1977

UCSD 0881, NSF/OFS CY 1978
   Shipboard Technicians Proposal OCE77-23704 23 June 1977
   Shipboard Technician Support Proposal, REV OCE77-23704

UCSD 0884, NSF/OFS CY 1978
   Proposal Ship Operation (NSF) OCE77-23258
   Ship operations Support Proposal
   Ship Operation Proposal Rev. December 1977

UCSD 0920, NSF OCE77-26358 Lab Equipment for Alpha Helix, $51,400, July 1977

UCSD 0961, Scripps Institution of Oceanography ONR contract: N00014-75-C-0152 "Ocean Studies" 1 October 1977

Proposals 1978
UCSD 0961, Scripps Institution of Oceanography ONR contract: N00014-75-C-0152 "Ocean Studies", 1 October 1977 (cont.)
   Pages 601-736

UCSD 1081, Alpha Helix Supplement OCE76-80618, $16,300, 1 January – 28 February 1978

Proposals 1979
ONR 1979

Ship Support Proposal (Master Copies, etc.) 1979

1979 NSF Proposal, Master Copies – Ship Operation Support

Material for CY 1979 Proposal NSF

Inquiries re: Grant/Contract Support (work copies for proposal preparation) 1979
UCSD 1221
Proposal NSF July 1978

NSF Proposal CY 1979 Ship Operations Support OCE77-23258

CY 1979 NSF Ship Operations Proposal: Calculations OCE77-23258 (cont.)

UCSD 1222, NSF Oceanographic Equipment OCE78 - 22842, CY 1978-1979

UCSD 1223, NSF Proposal CY 1979 Shipboard Technician Support OCE77-23704 31 October 1978

UCSD 1224, NSF CY 1979 Alpha Helix Generators Upgrade--Canceled

UCSD 1290, Defense Mapping Agency Digitizing Bathymetric Data (S. Smith), October 1978 - September 1980

UCSD 1307, Texas A&M Bathymetry of Oceanic Plateaus in the Central Pacific, Marmmerickx – Smith

UCSD 1436, DARPA AUSEX - Active Surveillance Program, 9 February 1979

UCSD 1447, Office of Naval Research: Code 480-T Equipment Proposal, 1979 (Kalum)

ONR Proposal Shipboard Equipment June 1978 $14,396, June 1979

Proposals 1980

ONR Proposals 1979-1980

Inquiries Contract/Grant (proposal preparation) 1979, Funding Inquiries (returned) 1980

Grants and Proposals 1980

UCSD 1572
Proposal Ship Operation Support 1980


NSF Proposal CY 1980 Ship Operations support (continuation of OCE77-23258) 6 July 1979
UCSD 1573, NSF Proposal CY 1980, 28 June 1979 Shipboard Technician support


UCSD 1602, NSF Proposal - Deep Tow Cable, F.N. Spiess

UCSD 1707, ONR Proposal (Dr. P. Niller), 16 October 1979

UCSD 1707 and UCSD 1736, Office Naval Research: Code 480 Supplemental Shiptime Proposals for 1979-1980

UCSD 1773R1, Acquisition and Installation of a Seabeam Echosounder System, ONR, 10 March 1980

Proposals 1981

Awards 1981

Proposals 1981

Proposal Correspondence 1981

Draft Proposal for 1981 Proposal


UCSD 1937, Proposal Oceanographic Instrumentation 1981

UCSD 1938, Proposal Marine Technician support OCE-22996, Shipboard Technician Support 1981

UCSD 1952
   Proposal Ship Operations Support, NSF 1981


NSF Proposal 1981


Preparation, Ship Operations Proposal 1981

Correspondence Ship Operations Proposal 1981

Box 6

UCSD 2226, Proposal - Improvements of Nimitz Marine Facility 1981


Proposals 1982
Proposal Information, 1981-1982

Draft copies for 1981-1982 Proposal (Ship Operation Funds)

UCSD 2293
Ship Operations Proposal continuation of OCE80-24472

Ship Operations Proposal 1982

Ship operations Proposal, 1982, Rough Draft

Changes to Ship Operations Proposal 2293

UCSD 2294, Permanent Scientific Equipment OCE- 8118722 1982

UCSD 2325, Oceanographic Instrumentation, 1982

UCSD 2326, Shipboard Technician Support, 1982

UCSD 2327
NORDA Proposal for Shiptime for Project Diana Tests, 1982

ONR Project Diana, UCSD 2327, 2328

UCSD 2447, Seabeam - CNEXO contract, February 1982

UCSD 2513, Mid-life Refit, Thomas Washington, 1982

UCSD 2630, ONR Melville Extraordinary Overhaul, 1982

UCSD 2661, Seabeam Proposal, 1982

UCSD 2665R1, Lonsdale/Subcontract, 1982
UCSD 2712
Mid-Life Refit, Thomas Washington, 1982
Preliminary Design, Appendix A, 1982

Proposals 1983
NSF Proposal Prep 1983
UCSD 2746, Ship Operations Support
Ship Operations Support
Proposal Preparation 1983
Original Ship Operations Copy #2746
UCSD 2757, Marine Technician Support, 1983
UCSD 2758, scientific Instrumentation, 1983
UCSD 2759, Scientific support Equipment, 1983
UCSD 2842, Seabeam Proposal to U.R.I., 1983
UCSD 2926, ONR Thomas Washington Winch Drum Replacement, 1983
DOD Instrumentation Proposals
UCSD 2930
Information About, 1983
Computer for Replacement, 1983
Shipboard Computer, 1983
UCSD 2932, Increasing Geochemical Research capabilities
UCSD 2933, ONR Marine Apprentice Program, 1983
UCSD 2935, NSF Equipment Proposal, 10 November 1982
UCSD 2942, Thomas Washington Seismic Reflection Capabilities, Shipley, 1983
UCSD 2949, Sea Beam CNRS contract, 1983
UCSD 2952, WHOI OCE-8117571, Support Service for Costa Rica Rift Expedition, 1983
UCSD 2962, DARPA Project Diana, N00014-80-C-0440, 1983

UCSD 2966, FLIP/ORB Support, N00024-82-6400 1983

UCSD 2971, NOAA--XBT’s, NA-83-RCA-00205, 1983

UCSD 2997, ONR Thomas Washington Communication Equipment, N00014-80-C-0440, 1983

UCSD 2998, WHOI--Services for Work Aboard Melville, 1983

UCSD 3042, NSF Shipboard Scientific Equipment (Winch) OCE-8310843, Melville DES H-G, 1 February 1983

UCSD 3077, ONR Shipboard Scientific Support Equipment, 1983

N00014-80-C-0440

UCSD 3117, Wire Tensioners, Start 1 July 1983

UCSD 3118, ONR Truck-Mounted Spooling Device, 1 May 1983

UCSD 3119, ONR Fuel Efficiency Sensor System Melville, 1 April 1983

UCSD 3120

Double-Armoured Submarine Coaxial Cable

1980

1 May 1983

UCSD 3121, CTD Winch - Thomas Washington, 1 May 1983

UCSD 2139, ONR Survival Suits, $10,097, 1 June 1983

Proposals from Other Institutions

1982

Other Institutions Ship operations Proposals

1982-1983

Proposals for Other Institutions, 1982

Ship Operations support, 1982

Proposals for Other Institutions

UNOLS

Box 7 1972-1981
Reports, 1973-1974

UCSD 1677
1979

Proposals - WHOI
Ship Operations 1981

Wire Rope Inventory 1981

Proposals With SIO Shiptime
1984

Proposals With SIO Shiptime
Proposals Involving SIO Ships, 1982

UCSD 3186, 1984

MARINE OPERATIONS COMMITTEE

Bulletins, 1981

Committees
Marine Operations committee (MOC)
1959 – 1978

Box 8
1978-1984

MOC Subcommittee
Funding, State & Marine Life Research CalCOFI Program
Allocations, 1975 - 1977

Subcommittee on Ship Safety, 1980

MOC Ad Hoc Future Ship Scheduling
1979

1980

Marine Operations Equipment
1973

Changes/Proposals/Reports, 1973 - 1976

Ship Budgets & Costs, 1976 - 1979

Ship Improvements, 1978 - 1979
SIO Staff Council Miscellaneous
1968 - 1981

UC Ship Funds
1975-1984

Correspondence
Daily
1971 – 1974
1975 - R.B. Haines

Miscellaneous
1970 - 1978

Marine Facilities
Marine Facilities: "General Memoranda" Supplementary Documents,
1976 – 1981

Quarterly Reports
Information, 1976 - 1979
1978

Box 9
1979


WWD [Radio Station] - Budgets & Costs, 1974 – 1979

Expedition Files--Sent to Archives, 1977

Fuel Data - Ships, 1973 -1974

Track Charts, 1950 1954

R/V Alexander Agassiz
CalCOFI Cruises
1966 - 1969
1971 - 1973
1975
1976, 7602-G

Climax, 1972 - 1973
Gulf of California
  Phase I & II, 1973
  Hubbs, 1973

Krill Expedition
  Agents, 1974
  Correspondence, 1973 - 1974
  Messages, 1974
  Prospectus, 1973 - 1974

La Paz Cruise - (Soutar), 1973

Messages
  1974-1976

Miscellaneous
  1969 - 1972
  1973 - 1976

NOR PAX
  March - October 1972
  Review, 12 October 1972
  November 1972 - September 1974

Prothero, 1975

Farewell to Alexander Agassiz, 1976

R/V Alpha Helix
  Ship Track, 1966 - 1975

Amazon Cruise - correspondence, 1974 - 1976

Amazon/Caribbean Expedition 1976-1977, Scientific Reports/Abstracts
  Phase I
  Phase II - III
  Phase IV - VI
Phase VII - XI

Antarctic 1971 (Chief Scientist: E.A Hemmingsen)
  Biology
  Correspondence
  Equipment
  Form Letters to Participants
  List of Participants
  Proposal
  Report
  Telecon

Ashmore Reef Expedition, William A. Dunson, 9 December 1972 - 21 January 1973
  Budget
  Correspondence
  Equipment
  Miscellaneous
  Participants
  Proposal
    Part I
    Part II
  Reports
  Scientific Cruise Report
  Telecons

Box 10  Baja California, Lowell Hager, Chief Scientist, 11 February - 8 April 1974, NSF GB-36053
  Budget
  Correspondence and Telecons
1970 – 1974

Miscellaneous

Participants

Proposal
  Part I

  Part II

Reports


Correspondence

Equipment

Grant

Miscellaneous

Participants

Proposal

Reports

Telecons

Bering Sea Expedition, Scientific Cruise Report, 1972

British Solomon Islands Expedition, Scientific Cruise Report, 1972

Caribbean/Pacific Expedition
  Correspondence, 1977 - 1978

  Caribbean/Pacific Expedition

  Reports
    Phase I - IV

    Phase V - IX

CUEA Joint II, Peru, Scientific cruise Report, 1976
Gulf of California, Aztec Expedition, Scientific Cruise Report, 1972

Moro Expedition
Agents, 1979

Scientific Reports, 1979
Phase II - III

Phase IV - V

New Guinea
Orris, 1969

Scientific Cruise Report, 1969

Pingelap Expedition, Scientific Cruise Report, 1972

Sabah, Indonesia 1975

Solomon Islands - New Hebrides Expedition, Scientific Cruise Report, 1972

Southeast Asian Expedition, Scientific Cruise Reports, 1975
Bioluminescence, Phase I

Borneo, Phase II

Visayan Sea, Phase III

Bindoy, Phase IV

R/V Dolphin
Baja California
1974

1976

Gulf of California, 1975

Messages, 1974 - 1975

R/V Ellen B. Scripps
Cox, 10 October 1975 - 15 November 1975

Departure Sailing Lists, 1971 - 1973
Elenerth, 1974

Fresnell II, 1971

Guadalupe Island Baja California Expedition, B. LeBoeuf, 1978

Iguana Expedition
1972

Canceled Version - 1971

Prothero - UCSB, 1976

Shepard Cruise 1975 [Rio Balsas]

R/V Gianna - Expeditions, 1974

R/V Melville
AGOR 14, Maiden Voyage, 1967 - 1970

Antipode Expedition
Agents and Addresses, 1970-1971

Arrival/Departure Reports, 1970 - 1971

Correspondence
1969 – 1971

Memos, 1969 - 1971

Box 11
Proposal/UCSD 3451, 2 February 1970

Reports, 1970 - 1971

Schedule, 1969 - 1971

Benthiface, 1973

Borderland Tow (Spiess), 9 - 20 April 1976

Cato
Agents, 1972 - 1973

Correspondence, 1971 - 1975

Logistics (Shipping, etc.) 1972
Preliminary Reports, 1972
  Legs I - III
  Legs IV - VIII

Proposals - Scientific, 1970 - 1972

Prospectus, 1971 – 1972

Reports/Arrival/Departure, 1972 - 1973

Requests/Ship Time, 1971 - 1972

Schedules, 1971 - 1972

Coco tow
  Agents, 1974

  Correspondence, 1971 - 1974

  Prospectus, 1973 - 1974

Francis Drake Expedition 1975
  Agents, 1974 - 1975

  Correspondence, 1974 - 1975

  Logistics (Cruise Tracks/Fuel/Pre-Cruise Conference), 1974

  Proposals, 1974

Francis Drake Expedition 1977
  Agents, 1976 - 1977

  Correspondence, 1974 - 1980

  CUEA Joint II Schedules, 1976

  Proposals, 1976

  Reports, 1976 - 1977

Geosecs
  Agents, 1973 - 1974

  Correspondence, 1972 - 1974

  Logistics, 1970 - 1974
Papers Relating to Organizing
1968 – 1972

Prospectus, 1973

Reports, 1972 - 1973

Schedules, 1973

Hypogene, 1972

Indomed Expedition
Agents, 1977 - 1979

Correspondence
1976 - 1977

1978 - 1979

Cruise Report, 24 September 1977 - 29 April 1979
Legs I - XVII

Corrections

Distribution, 1980

Logistics, 1977 - 1979

Prospectus, 1977 - 1978

Reports
1977 – 1980

Legs I - XVII, 1977 - 1979

Schedules, 1971 - 1979

Pleiades Expedition, 29 April - 23 September 1976
Correspondence, 1975 - 1976

Proposal and Reports, 1976

Prospectus, 1976

Protea Expedition, Leg 6, March 1984
R/V Oconostota  
*Exito I & II, Gulf of California*  
1973  
Messages, 1973  

Box 12  
*Guadalupe Island, Le Boeuf, 1973*  

R/V Severiana (Charter), 1975 - 1978  

R/V Thomas Washington  
*Aries*  
Agents and Addresses, 1970 - 1971  
Arrival/Departure Reports, 1970 - 1971  
Correspondence, 1970 - 1971  
Memos, 1970 - 1971  
Schedule, 1969 - 1970  

Deepsonde Expedition I & II (Dorman), 1976  

Dittow, 1974  

EPLL (Dorman), 1977  

Eurydice Expedition  
Agents, 1974 - 1975  
Correspondence, 1973 – 1975  
Prospectus 1973 - 1974  
First Drafts & Planning  
Final Draft  
Reports - Miscellaneous, 1974 - 1975  
Schedules, 1974 - 1975  

Guaymas (Dorman), 1978
Indopac 1976
Agents, 1976

Correspondence
April 1975 - May 1976
June - September 1976

Meetings, 1976
Prospectus, 1976
Reports, 1976
Schedules, 1976

Indopac 1977
Agents, 1977

Correspondence
1976- 1977
Prospectus, 1977
Reports, 1977
Russian Vessel Incident, 1977

Mariana Expedition
Agents, 1978 - 1979
Correspondence, 1975 - 1979
Prospectus, 1978
Reports, 1978 - 1979
Schedules, 1978

Miscellaneous Cruises 1978
Dorman [Center Expedition] 1978
Munk/Williams 1978
Yayanos 1978

Seven Tow
Arrival/Departure Reports, 1970
Correspondence
January - April 1969-1971

South Tow
Agents, 1971 - 1972

Arrival/Departure Reports, 1972

Correspondence
1971-1974

Logistics (Equipment/Fuel), 1970 - 1972

Proposal - UCSD 4240, 1 April 1971


Prospectus
1970-1971

Reports
Legs I - V, 1972

Legs VI - XI, 1972

Requests - Ship Time, 1970

Schedule; 1969 - 1972

Tasaday
Agents, 1973 - 1974

Correspondence
1970 - 1972

January 1973-January 1974

Prospectus
1971 - 1973

Original - 1973

Reports
Annual Reports

1980 – 1983

Box 13
Expedition Summary Reports, SID Ships
Expedition Names Summary
Names of Ships & Expeditions, Biology Invertebrates up to 1970

Oceanographic Expeditions: Names & Notes (Phyllis B. Helms) SIO Reference No. 77-13, with distribution list, 1977

Alexander Agassiz, 1962 - 1971

Alpha Helix, 1966 - 1980

Argo, 1960 - 1970

Army T-441, 1954 - 1968

Buoy Boat, 1956 - 1964

Dolphin, 1973 - 1976

Ellen B. Scripps, 1965 - 1983


Gianna, 1973 - 1975

Horizon, 1949 - 1969

Hugh M. Smith, 1959 - 1963

Melville, 1969 - 1983

New Horizon, 1978 - 1983

Oconostota, 1962 - 1975

QRB, 1973 - 1983

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**Accession No.: 96-03**

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Scripps Institution of Oceanography. Ship Operations and Marine Technical Support (Shor)


DESCRIPTION: The accession consists of ship operation and ship scheduling files and cruise reports of the SIO SOMTS Office, including a series on radioactive materials aboard vessels. These files represent SOMTS operation under George G. Shor, Jr. who served as SIO Associate Director, SOMTS from 1980 to 1991. Includes 1 oversize item in map case.

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**Accession Number 96-15**

**PROCESSING RECORD**
Scripps Institution of Oceanography Archives


Arrangement of Collection: Chronological

Description: The accession consists of original photographic negatives and prints documenting the construction of R/V ROGER REVELLE (AGOR 24) under Naval Sea Systems Command contract. The vessel superstructure was built at Trinity Marine Group shipyard at Gulfport, Mississippi, then transported by barge to Halter Marine Shipyard at Moss Point, Mississippi, where the vessel was completed. Photographs were taken by SIO Nimitz Marine Facility Ship Construction Coordinator Edwin Petersen as a record of the construction; Petersen was responsible for overseeing construction & monitoring contract performance & schedules. The accession includes negatives & 1-2 sets of prints. Print sets are sometimes incomplete, & some negatives are missing. Negatives are arranged chronologically. One set of prints is mounted on 5X7” index cards which includes a date, photograph group number, title or identifying information & remarks. The second set of prints is arranged in envelopes. The first photograph was taken October 7, 1993, the day before construction began. The last photograph was taken as the ship was being fitted out on June 3, 1996. The photographs include images of the construction & the keel laying ceremony (9 December 1993). There are also images of the launching of USNS PATHFINDER (October 7, 1993) & NOAA ship R/V RONALD H. BROWN (May 30, 1996). The accession includes one group of photographs taken when the R/V ROGER REVELLE was underway (March 1996). These images include photographs of crew & other individuals, including Robert Knox & Thomas Althouse.

Althouse, Thomas; Knox, Robert; USNS Pathfinder (Ship); Roger Revelle (Ship); Ronald H. Brown (Ship); Shipbuilding; Oceanographic research ships; Petersen, Edwin

**SIO Ship Operations and Marine Technical Support**
Chester W. Nimitz Marine Facility
Photographs, 1993-1996

Accession Number 96-15

Box 26  Prints, Packets 1-7, October 7, 1993-Feb. 25, 1994

Photos, RV Revelle, 2/24-3/9/95

Photos, 11/9/95-12/13/95

Photos, AGOR 25 “DOME,” 12/14/95-1/5/96

Photos, Uncapped pipes, 10/12 & 10/14/93

Photos, Module #1 lifted into position, 12/21/93 & 2/3/94

Photos, Module 10-11, 2/22/94

Photos, AGOR 24 Modular const., 3/4- 4/28/93

Photos, AGOR 24 Modular const., 4/3-5/26/94

Photos, AGOR 24 Modular const., 6/13-8/1/94

Photos, AGOR 24 Modular const., 8/2/94 & 8/19/94

Photos, AGOR 24 Modular const., 9/9/94 & 9/15/94

Photos, AGOR 24 Modular const., 10/7, 10/12, & 10/14/94

Photos, AGOR 24 Modular const., 11/1 & 11/2/94

Photos, AGOR 24 Modular const., 11/11/94-4/4/95

Photos, AGOR 24 Modular const., 3/24, 4/19, & 4/26/95

Photos, AGOR 24 Modular const., 4/95-5/95

Photos, AGOR 24 Propulsors, 5/95

Photos, AGOR 24 Thrusters, 6/95

Photos, AGOR 24 Thrusters, 6/95 cont.

Photos, AGOR 24 Housekeeping, 7/95

Photos, AGOR 24 Winches, 8/95
Photos, AGOR 24 Housekeeping, 8/95-9/95

Photos, AGOR 24 Winch room, 9/95

Photos, AGOR 24 Z-Drive pumping, 9/29/95

Photos, AGOR 24 Z-Drives, 10/95

Photos, AGOR 24 Telescopic boom crane, 10/10/95

Box 27 Photos, AGOR 24 Z-Drive lube oil flush, 10/17-10/26/95

Photos, Z-Drive hyd. Oil lube oil, 10/27-11/16/95

Photos, R/V Roger Revelle (Agor 24), 11/9-11/14/95

Photos, Various Work, 11/16-11/17/95

Photos, 1/20/96

Photos, 12/14/95-2/27/96

Photos, R/V Roger Revelle (Agor 24), 2/27-3/14/96

Photos, AGOR 24 TM Pas, 3/19/96 & 4/1/96

Photos, AGOR 24 Dry Dock, 4/2 & 4/10/96

Photos, AGOR 24, 5/16/96

Photos, 4/30-5/14/96

Photos, AGOR 24, 6/4/96

Photos, 5/30-6/3/96

Photos, Module const., 10/93-2/95

Photos, NOAA Keel laying, 2/95-4/95

Photos, Module const., 4/95-6/95

Box 28 Photos, Module const., 6/95-11/95

Photos, Miscellaneous
Negatives, 10/93-6/96

Accession No.: 2003-06

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Scripps Institution of Oceanography. Ship Operations and Marine Technical Support (Robert Knox)


Box 28  Thomas Washington-Approved Request 1991

R.G. Sproul-Approved Request 1991

New Horizon-Approved Request 1991

Melville Approved Ship Time Request 1992


R/V New Horizon Approved Ship Time Request 1993

Box 29  R/V Melville Approved Ship Time Request 1993

R/V Robert G. Sproul Approved Ship Time Request 1994
R/V Melville Approved Ship Time Request 1994
R/V New Horizon Approved Ship Time Request 1994-1995
R/V Robert G. Sproul Approved Ship Time Request 1995
R/V Melville Approved Ship Time Request 1995
R/V New Horizon Approved Ship Time Request 1996
R/V Melville Approved Ship Time Request 1996
Box 30  R/V Roger Revelle Approved Ship Time Request 1996
R/V Robert G. Sproul Approved Ship Time Request 1996
R/V New Horizon Approved Ship Time Request 1997
R/V Roger Revelle Approved Ship Time Request 1997
R/V Melville Approved Ship Time Request 1997
R/V Melville Arrival/Departure 1989
R/V New Horizon Arrival/Departure 1992
R/V Robert G. Sproul Arrival/Departure 1992
R/V Thomas Washington Arrival/Departure 1992
R/V Melville Arrival/Departure 1992
R/V Robert G. Sproul Arrival/Departure 1993
Box 31  R/V Flip Arrival/Departure 1992
R/V New Horizon Arrival/Departure 1993
R/V Melville Arrival/Departure 1993
R/V Flip Arrival/Departure 1993
R/V Robert G. Sproul Arrival/Departure 1994
Flip Arrival/Departure 1994
R/V Melville Arrival/Departure 1994
R/V New Horizon Arrival/Departure 1994
R/V Robert G. Sproul Arrival/Departure 1995
Flip Arrival/Departure 1995
R/V New Horizon Arrival/Departure 1995
R/V Melville Arrival/Departure 1995
R/V Roger Revelle Arrival/Departure 1996
R/V Melville Arrival/Departure 1996
Flip Arrival/Departure 1996
R/V New Horizon Arrival/Departure 1996
R/V Robert G. Sproul Arrival/Departure 1996
R/V New Horizon Arrival/Departure 1997
R/V Melville Arrival/Departure 1997
R/V Roger Revelle Arrival/Departure 1997
R/V Robert G. Sproul Arrival/Departure 1997
Flip Arrival/Departures 1997
Radioactive Materials Melville 1990-1997
Radioactive Materials Sproul 1990-1991
Box 32 Radioactive Materials Sproul 1990-1997
Captain’s Assessment 1996 R/V New Horizon
Captain’s Assessment 1996 R/V Melville
Captain’s Assessment 1996 R/V Robert Sproul
Cruise Assessments 1991-1995 New Horizon
Cruise Assessments 1991-1995 Melville
Cruise Assessments 1991-1995 Sproul
Assessment Forms 1991 Thomas Washington
Assessment Forms 1991 New Horizon
Assessment Forms 1991 Sproul
Assessment Forms 1992 Melville
Assessment Forms 1992 Washington
Assessment Forms 1992 New Horizon
Assessment Forms 1992 Sproul
Assessment Forms 1993 Sproul
Thomas Washington 1990 Plume
Papa Expedition
Papa Expedition Washington
Ship Schedules History Washington
Roundabout Washington
Washington Student Cruise Nov 1990
Tunes Let 7 Dr. Staudigel SIO Dr. Bloomer U. Of Boston
Venture 1-2-3 Washington
Washington-Venture Cruise
R/V Washington Vent EXP 1989
WOCE LEGZ
WOCE Washington
Washington
Library Inv. Washington
Washington 1987

Accession No.: 2003-44

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Scripps Institution of Oceanography, Ship Operations and Marine Technical Support (Robert Knox)


Description: The collection consists of the records of the SIO Ships Operations and Marine Technical Support (Robert Knox) (SOMTS) which is the technical support division of SIO. SOMTS provides ship scheduling, foreign clearances and marine technical support.

Box 32 Melville Refit Proposal Info
Melville Refit Schedule
Melville Refit Shipyard Site Visits
Melville Refit Space Arrangements
Melville Refit Specifications
Box 33  Melville Refit Specifications and Changes
Melville Refit Design Report
Melville Refit Equipment
Melville Refit Inclining Report
Melville Refit Proposal Infor (AGOR 14/15)

Box 34  Melville Refit Planning Studies
Melville Refit Preliminary Designs
Melville Refit Proposal Info (AGOR 14/15)
Melville Refit Blueprint Drawings
Melville-Breakdowns, Classification, Communications
Melville Fire
Melville Fuel and Endurance
Melville Hoist
Melville Lay Up
Loran for Melville and New Horizon

Box 35  Melville-Reports Marine Operations/Scientific 70’
Melville-Message Engineering and Equipment
Old Melville Original Ship Info
Melville Safety in Antarctic, Shipyard Telemail Winch
Melville Starboard Thruster Casualty
Melville Refit Biweekly Reports 1992
Scheduled Meetings
Biweekly Reports 1989-1990
Box 36  Biweekly Reports 1989-1990
Melville Refit Blueprint Drawings
Correspondence (General) Melville Refit
Melville/Knorr Refit 1992-93 Settlement with McDermott Shipyard
R.V Knorr Takedown
Box 37  Melville Refit General Correspondence
Melville Refit Correspondence
General Info D.C. Meeting 3/87
Amendments and Reports Melville Refit Changes/Change Orders
Melville Refit Changes/Change Orders
Correspondence
MGMT Review
Space Allocation 76
Box 38  Affirmative Action
Capital Improvements, Funding or Minor
Budgetary Savings
Coastal Plan
Budgets-George’s Ships Budgets
Dir. Admin. Advisory Council
Foundation/Grants
Nominations for Medals and Awards
Retroactive Salary Payment 7% 78/79
Public Affairs Community Activities/Goodwill (Partial)
Procurement Support (Buyer for SIO)

Ship Rates

Thank You Letters General

Visitors to SIO

R/V Melville Hey Mar/April 98 Chile UK France

Melville Jan 98 Peru L. Levin

Massell, Karston/Kleine and Hey 31 Dec – 16 April 98 Chile

Melville Dec 97-Jan 98 Mexico Doorman/Kanjor

Melville Mexico Langmuir/Bender

Whitworth Nowlin R/V Melville

R/V Melville Scheirer

Box 39 Melville S. Smith Australia Cook Isl. Chile Peru

R/V Melville R. Hey Chile

Mexico France Cook is Kiribati Lonsdale

R/V Melville Bloomer Tonga Nuie Fiji

N. Bay R/V Melville Australia and Misc

R/V Melville K. Johnson

R/V Melville S Smith 15 Oct

Melville Lonsdale West 14

Keeling/Guenther R/V Melville 95

David Christie R/V Melville West 10

J. Cochran Melville Australia

J. Orcutt Australia/NZ Melville
Box 40  R/V Melville Cruise Reports 1993-1998
R/V New Horizon Cruise Reports 1993-1998
Roger Revelle Cruise Reports 1993-1998
R/V Mexico Lonsdale Hawkins
Luyendyk/Stock R/V Pago Pago
Revelle Capone, France, Fiji

Box 41  Revelle Capone, France, Fiji
Lonsdale, Nide, Tonga, N. Zealand
US JGOFS  Anderson New Zealand
A Mix R Revelle Chile Peru
Lonsdale Revelle Chile
New Horizon Peter Williams
CalCOFI New Horizon
CalCOFI 8012
Lonsdale, Melville, Tonga Fiji
Dorman Hildebrand
McCartney Bryden
Bloomer Castillo
Lonsdale Melville
T. Urabe Melville
F. Spiess Melville
Lonsdale Acapulco
Maar Chilean
Hey R/V Melville
Sandwell Papeete
Lonsdale/Macdonald
Lonsdale Melville
deMostier Melville
P Williams/E Druffel
SAVE Melville Smethie, Weiss McCarthy Talley
Melville H Craig, Chile
Melville M. Lilley Canada
Port Clearance Melville
Riser Melville
Melville Helios
Whitworth/Nowlin
Transit Melville
Protea Leg and Melville
Melville May Oasis
Melville Lonsdale Leg
Reprint Lonsdale/Moore
Vulcan Melville
Callao Melville
Vulcan Leg 2
La Paz Melville Lonsdale
La Paz Melville Orcutt

Accession No.: 2004-73

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

SIO Ships Operations and Marine Technical Support


Box 42 Summaries of Decommissioned Ships-
Volume One, 1948
R/V Argo
R/V Army T-441
R/V Baird
R/V Buoy Boat
R/V Crest
R/V Gianna
R/V Horizon
Volume 2
R/V One
R/V Oconostota
Onca
R/V Paolina T
E.W. Scripps
R/V Hugh M. Smith
R/V ST-908
R/V Stranger
R/V Thomas Washington
R/V Alexander Agassiz
R/V Alpha Helix
R/V Dolphin
R/V Ellen B. Scripps

Exploration by SIO Ships

Overall Mileage of SIO Ships
Final Ship Schedules

Active Ships-

R/V Flip, 1997
R/V Melville
R/V New Horizon
R/V Roger Revelle
R/V Robert G. Sproul

**Accession No.: 2004-74**

**PROCESSING RECORD**
**SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES**

Scripps Institution of Oceanography. Ships Operations and Marine Technical Support


Box 42  UNOLS Oceanographic Cable Pool, 1985
UNOLS DWOG 1977-1978
UNOLS Research Oper. Vessels Council 1977
UNOLS Scheduling Misc. and Correspondence, 1986-1999
UNOLS Scheduling Misc. and Correspondence, 1986-1988
Box 43

UNOLS Scheduling Misc. and Correspondence, 1977-1985


Spec for Conservation of Oceanic Research Vessel, 1976

UNOLS Submersible Science, 1981-1990

UNOLS UH/SEACOR NOAA Deal, 1991

UNOLS- Alaskan Arctic Research, 1974-1994


UNOLS- Calibration Facilities at UNOLS Institute, 1980

UNOLS Congressional Hearings re: GAO Report, May 1978

UNOLS LGAS Facility - Knox, 1989

Scripps Bid to Host UNOLS, 1989

Administration MarFac Reorganization, 1976-1991

MarFac Caroline Haden Fund, 1971-1995

Ships- Manning Levels, 1974-1982

Miscellaneous Ship Policies and Meetings, 1972-1982


Ship Operations UCSD97-1120, $8,216,650, 1997

Ship Operations, 1997

Ship Operations UCSD96-1134, NSF, 1996

Box 44

Ship Operations, 1996

Ship Operations UCSD95-1066, OCE93-00670 Continued, 1995

Ship Operations, 1995
SIO Ships Operations and Marine Technical Support


Description: The SOMTS records contain files on ship operations for the years 1980-2010, with the bulk being from the years 2001-2004. The collection consists of the following series: CLEARANCES (from R/V Thomas Washington, and CRUISE REPORTS.

The Ship Clearances are arranged alphabetically by name, then chronologically. Other Clearances & Permits may be included. The CRUISE REPORTS series is arranged by name, then chronologically.

The CLEARANCES series is comprised of correspondence, schedules, notes, and foreign clearances for various research vessels. In some cases, research data and final cruise reports collected to fulfill post-cruise obligations are also included. Folder titles typically list country or countries for which a clearance was requested, name of the expedition's chief scientist, and date range of each trip.


The SIO Ship Operations and Marine Technical Support (SOMTS), 1980-2011, were received from SIO Associate Director Bruce Appelgate on 15 October 2012.

Box 44

R/V Thomas Washington -
<table>
<thead>
<tr>
<th>Location</th>
<th>Expeditions</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>Indonesia, RAMA Expedition Legs 5 &amp; 6</td>
<td>Moore/Curray/Shor</td>
<td>August - October 1980</td>
</tr>
<tr>
<td>Philippines, RAMA Expedition Leg 7</td>
<td>Yayanos</td>
<td>October - November 1980</td>
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<tr>
<td>Indonesia, RAMA Expedition Leg 12</td>
<td>Silver</td>
<td>March - May 1981</td>
</tr>
<tr>
<td>Papeete Harbor</td>
<td>Robert</td>
<td>February 1982</td>
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<tr>
<td>Mexico</td>
<td>Shipley &amp; Moore</td>
<td>April - May 1982</td>
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<tr>
<td>Mexico</td>
<td>Mammerickx &amp; Macdonald</td>
<td>May - June 1982</td>
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<tr>
<td>Ecuador</td>
<td>Lonsdale &amp; Batiza</td>
<td>August - September 1982</td>
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<tr>
<td>Chile</td>
<td>Craig &amp; Hey</td>
<td>March - April 1983</td>
</tr>
<tr>
<td>Mexico</td>
<td>Craig</td>
<td>February 1984</td>
</tr>
<tr>
<td>Argentina</td>
<td>Lonsdale</td>
<td>August - September 1984</td>
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<tr>
<td>Argentina</td>
<td>Gordon</td>
<td>September - October 1984</td>
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<tr>
<td>Argentina</td>
<td>Roden</td>
<td>October - November 1984</td>
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<tr>
<td>Brazil/Uruguay/Argentina</td>
<td>McCartney</td>
<td>December 1984</td>
</tr>
<tr>
<td>South Africa</td>
<td>Lyten</td>
<td>February - March 1985</td>
</tr>
<tr>
<td>Papa-Tua Leg 2</td>
<td>Mammerickx</td>
<td>November - December 1985</td>
</tr>
<tr>
<td>Papa-Tua Leg 3</td>
<td>J. Hawkins</td>
<td>December 1985 - January 1986</td>
</tr>
<tr>
<td>Tonga/Australia/N.Z./France</td>
<td>Papa-Tua Legs 5 &amp; 6</td>
<td>February - March 1986</td>
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<tr>
<td>Indonesia/Philippines</td>
<td>A. Yayanos</td>
<td>March - April 1986</td>
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<tr>
<td>South Korea/People's Republic of</td>
<td>Milliman/Hsueh/Limeburner</td>
<td>June - July 1986</td>
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<tr>
<td>Japan</td>
<td>Lonsdale</td>
<td>July - August 1986</td>
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<tr>
<td>Kiribati</td>
<td>Winterer</td>
<td>February - March 1987</td>
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<tr>
<td>Marquesas Islands</td>
<td>Natland &amp; McNutt</td>
<td>March - April 1987</td>
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<tr>
<td>Journey</td>
<td>Dates</td>
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<tr>
<td>Papeete to Honolulu, Cook Islands Leg 3, Cronan</td>
<td>June - July 1987</td>
<td></td>
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<tr>
<td>Galapagos Islands Legs 1 &amp; 2, Orcutt &amp; Hey</td>
<td>October &amp; December 1987</td>
<td></td>
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<tr>
<td>Mexico, Lonsdale</td>
<td>March 1988</td>
<td></td>
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<tr>
<td>Mexico, Bender/Langmuir/Ryan/Kasten (cancelled)</td>
<td>March - April 1988</td>
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<tr>
<td>USSR, Lonsdale</td>
<td>August - September 1988</td>
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<tr>
<td>USSR, ISHTAR</td>
<td>September 1988</td>
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<tr>
<td>Japan &amp; the Marshall Islands, Roundabout Expedition, Winterer</td>
<td>November 1988</td>
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<tr>
<td>Majuro, Roundabout Expedition, Shipley</td>
<td>December 1988 - January 1989</td>
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<tr>
<td>Tonga &amp; Samoa, Hawkins</td>
<td>January - February 1989</td>
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<tr>
<td>Kiribati, Guenther (for D. Keeling)</td>
<td>February - March 1989</td>
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<tr>
<td>Ecuador, Pisias</td>
<td>August - October 1989</td>
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<tr>
<td>Mexico, Bender/Langmuir/Ryan</td>
<td>October - November 1989</td>
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<td><strong>BOX 45</strong></td>
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<tr>
<td>R/V Thomas Washington (continued)</td>
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<tr>
<td>Galapagos, Christie (OSU)</td>
<td>January - February 1990</td>
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<tr>
<td>Venezuela, Plume Expedition, Overpeek &amp; Peterson</td>
<td>June 1990</td>
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<tr>
<td>Mexico, D. Stakes</td>
<td>June 1990</td>
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<tr>
<td>Mexico, Lonsdale</td>
<td>July 1990</td>
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<tr>
<td>Canada, P. Johnson</td>
<td>August - September 1990</td>
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<tr>
<td>Mexico, Lonsdale - Student cruise</td>
<td>October 1990</td>
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<tr>
<td>Mexico, K. Macdonald</td>
<td>November 1990</td>
<td></td>
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<tr>
<td>France, Hildebrand &amp; Webb</td>
<td>May 1991</td>
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<tr>
<td>France &amp; UK, World Ocean Circulation Experiment (WOCE), Pitcairn</td>
<td>May - September 1990</td>
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<tr>
<td>Japan &amp; Marianas, Bloomer &amp; Stern</td>
<td>December 1991</td>
<td></td>
</tr>
</tbody>
</table>
Majuro, Johnson December 1991 - January 1992

Mexico, Dorman & Spiess April 1992

CRUISE REPORTS

Yearly cruise indexes 2002-2004

R/V Melville, 2001-2004

Box 46
R/V New Horizon, 2001-2004
R/V Robert Gordon Sproul, 2001-2003 July

Box 47
R/V Roger Revelle, 2001-2004