Scripps Institution of Oceanography. Deep Sea Drilling Project


Bulk Dates: 1966-1987

PHYSICAL DESCRIPTION: 356 rcc, 31 mss, 15 oversized tubes, video, film

DESCRIPTION: As early as 1957 earth scientists discussed the possibility of drilling a hole through oceanic crust to the Mohorovicic discontinuity. This project became known as the Mohole Project, and was supported by the National Science Foundation. The first hole was drilled in 1961. Cost overruns led to the termination of the Mohole Project in 1966. In 1964, a consortium of oceanographic institutions, the Joint Oceanographic Institutions Deep Earth Sampling (JOIDES) was formed, and in 1965 the group submitted a proposal to NSF to drill sediments and shallow basement rocks in the Pacific and Atlantic Oceans and adjacent seas. In 1966 with NSF funding, the Deep Sea Drilling Project (DSDP) was operated at Scripps Institution of Oceanography. In January 1967, SIO signed a contract with the National Science Foundation to manage the drilling program. By March 1987 the project had expended over $226 million dollars. The DSDP contract ended in 1987 and drilling operations were moved to Texas A&M University.

The records in this accession document the operation of the Deep Sea Drilling Project at SIO. The records include documentation of JOIDES and JOI, Inc., contracts and subcontracts, proposals, program plans, correspondence, safety reviews, leg files, radio messages, deck logs of R/V GLOMAR CHALLENGER, records of the Operations and Engineering office, records of project managers and chief scientists, documentation of instrumentation design, documentation of cruise staffing and DSDP personnel, press releases, photographs and other material.

Provenance: The DSDP at SIO was officially terminated at midnight on 30 April 1987, after more than 20 years of operation. DSDP was scheduled for termination by the National Science Foundation in 1983, and the phase down of operation began that year. Records of the DSDP were maintained by many offices at UCSD/SIO including the files of the SIO Office of the Director, the SIO Office of Contracts and Grants, and the UCSD Accounting Office. However, the most complete records of the DSDP were maintained in the Project's offices at the Deep Sea Drilling Building at SIO. DSDP Principal Investigator Melvin N.A. Peterson was concerned about the preservation of DSDP records of permanent historical value. In September 1985, at his direction, the DSDP issued a contract for the services of Lynn Victoria Allen as consultant to "organize and list the Deep Sea Drilling Project's historical files …" and to "supervise all aspects of the preparation of a permanent archival storage vault in the Deep Sea Drilling Building and …supervise the placement of permanently valuable Deep Sea Drilling Project records in this facility." This work was done under the supervision of Peterson until October 1986 after which SIO Archivist Deborah Day provided supervision. Lynn Victoria Allan had previously served as Administrative Assistant to Peterson from May 1968 until May 1974. She had established and maintained Peterson's files as chief scientist, co-principal investigator, principal investigator and project manager of the DSDP and she was familiar with all aspects of DSDP recordkeeping. She began her work as records consultant by organizing Peterson's JOIDES files and adding to these the JOIDES files of other DSDP offices and the JOIDES rotating offices to form a complete JOIDES series of records. A rough draft of a compendium of the JOIDES Executive and Planning Committees' meetings was created by her. She created other like series of records, disturbing the original provenance of the records and gathering together material from several DSDP offices to form series of records on specific subjects. Though Allan reboxed records and refoldered some series, she discovered a very great quantity of records and, with the limited time at her disposal, was unable to completely reorganize or refolder all the series of records. She concentrated her efforts on locating records of permanent historical value, boxing these, placing them in the Deep Sea Drilling Building vault, and created a folder-by-folder list of each series. Allan in consultation with Peterson initially concluded that contract, subcontract, budgetary and other financial records which were not part of Melvin N.A. Peterson's files would be turned over to SIO Grants and Contracts
administered Norman Sattler at the termination of the Project. However, it was determined in April 1987 that a large percentage of these records which had been maintained by DSDP Contracts Officer Robert S. Bower would be added to those DSDP records transferred to the SIO Archives. DSDP personnel records remain confidential and are administered by Nona Crampton of the SIO Director's Office. DSDP personnel officer Sue Stain generated a series of job cards of DSDP employees with their job titles and dates of employment which has been added to the DSDP files as a permanent record of DSDP personnel. Also included are job descriptions and DSDP policies. Allan supervised the microfilming of some records which were transferred to Texas. Microfilmed material includes the XCOM and PCOM files. Also microfilmed were the Technical Oil Tool Corporation (TOTCO) core and drilling bit records and the IADC daily drilling reports. The original TOTCO and IADC records were sent to Ocean Drilling Program (ODP) / Texas A & M University (TAMU) (to be returned to SIO Archives upon their completion). The microfilms for the TOTCO and IADC records are housed in the DSDP archives. A data base of DSDP data was transferred to the National Geophysical Data Center (NGDC) at Boulder Colorado, and copies provided to: ODP/TAMU, Lamont-Doherty Geological Observatory, and the International Phase of Ocean Drilling (IPOD) Geophysical Data Bank (operated under ODP at NGDC). A microfilm copy of underway navigation notebooks and geophysical records from the Glomar Challenger are available at the SIO Geological Data Center.

Arrangement:

JOIDES SERIES (Boxes 1-19)

This series consists of minutes, correspondence and related material of the Executive and Planning Committees and all panels of the Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES). The series also includes a complete set of JOIDES Journals dated May 1975 – February 1987. The "JOIDES Journal" records the activities of all elements of the JOIDES structure from the start of the Journal - 1975.

JOIDES was formed May 10, 1964 by a consortium of four oceanographic institutions: Scripps Institution of Oceanography (UCSD), Lamont Geological Observatory (Columbia University), (later changed to "Lamont-Doherty Geological Observatory"), Institute of Marine Science (University of Miami) (later changed to "Rosenstiel School of Marine and Atmospheric Science"), and Woods Hole Oceanographic Institution to promote sea drilling research. The membership of JOIDES was later expanded to include the University of Washington (1968) and further expanded in 1974 to include University of Rhode Island, University of Hawaii, Oregon State University and Texas A & M University to provide for representation and balance during IPOD (See IPOD Series).

The memo of agreement called for the establishment of an Executive Committee and a Business Advisory Committee (BAC served 1965-1968) to initiate administrative procedures, formulate basic policy and to ensure that collected samples be distributed to the scientific community. JOIDES functioned through an Executive Committee which provided policy advice, approvals and guidance, and a Planning Committee which was responsible for proposing scientific, technical and drilling activities for the project.

DSDP Site Survey Program data, including Cape Hatteras to Mid-Atlantic Ridge multichannel line (cooperative with the United States Geological Survey), are in the custody of LDGO in International Phase of Ocean Drilling Geophysical Data Bank, operated by ODP. Contributed geophysical data, mainly multichannel reflection profiles, from participating IPOD non-U.S. countries and miscellaneous contributions, is in the custody of LDGO in IPOD Geophysical Data Bank, operated by ODP. Smooth (LIS) tapes and hard copy (mylar) well logs can be found at the NGDC, in Boulder, Colorado. Another set of these tapes can be found at LDGO Wireline Services Logging Operation under ODP. Other records including microfilms of original Prime
Data Capture Worksheets and notebooks, a bibliography of DSDP related publications, can be located at the NGDC at Boulder. Summary DSDP site maps (Legs 1-96) can be found at the SIO Geological Data Center. X-radiograph files of cores and hydraulic piston core orientation rings can be found at ODP. The records described in this guide were formally transferred to the custody of the SIO Archives on 5 June 1987 by Melvin N.A. Peterson.

The JOIDES Office was established in 1974 under purchase order contract with DSDP, and later operated under Joint Oceanographic Institutions, Incorporated (JOI, Inc.) since 1976. The JOIDES Office was responsible, under the direction of the Planning Committee chairman, for administrative services, JOIDES Journal publication, maintenance of records and cost data, furnishing advice, preparation of meeting summaries and reports and coordination of the Planning Committee and its advisory groups. The JOIDES Office rotated every two years, along with the appointed PCOM Chairman, among U.S. member institutions of JOIDES.

The records in this series were created and collected by the Offices of Melvin N.A. Peterson (1967-1971); N. Terence Edgar (1971-1975); David G. Moore (1976-1979); Yves Lancelot (1980-1986); from the JOIDES Rotating Office; some material was copied from William Aaron Nierenberg’s files and included in this series. The records measure twenty cubic feet and include material dated 1963-1987.

The JOIDES Executive and Planning Committee files are available on microfilm. Also available for reference is rough draft of a compendium of the Executive and Planning Committee minutes.

**IPOD SERIES (Boxes 21-23)**

This series consists of minutes, correspondence and other material documenting the International Phase of Ocean Drilling (IPOD). IPOD constituted the second half of the DSDP. During this period (October 1975-November 1983; Legs 45 through 96) DSDP was financially supported by the National Science Foundation with contributions from five international scientific organizations: (1) USSR Academy of Sciences - Institute of Oceanology (1974); (2) DFG (Deutsche Forschungsgemeinschaft in Bonn-Bad Godesberg) - Federal Republic of Germany (1974); (3) ORI (Ocean Research Institute of the University of Tokyo) - Japan (1975); (4) NERC (Natural Environment Research Council in London) - United Kingdom (1975); (5) CNEXO (Centre National pour l'Exploitation des Oceans in Paris) France (1976). Representatives from these five foreign institutions were also appointed to the JOIDES Executive and Planning Committees and members were appointed to many JOIDES Panels.

Files in this series were generated by the Offices of Melvin N.A. Peterson, N. Terence Edgar, David G. Moore and Yves Lancelot. The records measure three cubic feet and include material dated 1970-1986.

**JOI SERIES (Box 24)**

This series consists of correspondence and minutes of the Joint Oceanographic Institutions, Inc. (JOI). JOI was incorporated in 1976 in the state of New York, with initial members being:
University of California; Columbia University; University of Hawaii; University of Miami; Oregon State University; University of Rhode Island; Texas A & M University; University of Washington and Woods Hole Oceanographic Institution. In 1985, the University of Texas at Austin joined the JOI membership. The purpose of JOI is set forth in their papers of incorporation (see records of 1976).

The records in this series were created and collected by the Offices of Melvin N.A. Peterson, David G. Mooer and Yves Lancelot. These are not official files of JOI and represent only those records received by the DSDP about JOI. Because JOIDES and JOI efforts meshed, additional JOI material can be found in the JOIDES series. Official records of JOI remain at JOI headquarters in Washington, D.C. The records in this series measure one cubic foot and include material dated 1976-1985.

UCSD PROPOSALS SERIES (Boxes 25-26)

This series consists of a complete chronological file of proposals for the DSDP submitted from 1965-1982 by the University of California, San Diego to the National Science Foundation. The files also include background correspondence dated 1970-1982 concerning the project extension proposals. The very early records in this series were drawn from the papers of Tjeerd Van Andel which were maintained in Melvin N.A. Peterson's office. The bulk of this material is primarily from the office of Melvin N.A. Peterson with inclusions from other departments. This series measures two cubic feet.

PRIME / SUB-CONTRACTS (Boxes 27-29)

This series consists of a master file of the DSDP Prime Contract (NSF-C-482) and major drill ship and site survey program subcontracts (Global Marine NSF-C-482-1; Lamont-Doherty Geological Observatory NSF-C-482-2; Global Marine NSF-482-3 and Lamont's subcontractors). The files include contracts, amendments, supplemental agreements, change orders, proposals and technical specifications from subcontractors. For additional and backup information, refer to the the “DSDP Contracts Office” series. This series consists of three cubic feet of files dated 1966-1987.

PROGRAM PLANS SERIES (Boxes 30-34)

This series consists of formal Program Plans generated by the DSDP annually from 1967 to 1984 (covering FY85-FY87) and background documentation (1966-1984). These files contain detailed plans and objectives of the DSDP -- scientific program, operations, engineering, logistics, site surveys, project organization, budgets, personnel, policies and managerial functions. Background documentation includes correspondence, negotiations, revisions and authorizations. Records in this series were largely drawn from the files of Melvin N.A. Peterson. Early files include material generated by William W. Rand, Kenneth E. Brunot, and Tjeerd H. Van Andel. The series measures four cubic feet.
MONTHLY REPORTS SERIES (Boxes 35-36)

This series consists of a complete chronological file of monthly reports submitted by the DSDP to the National Science Foundation from July 1968 to April 1987. These reports are accompanied by one folder of related correspondence. These reports are a monthly accounting of contract/subcontract status, project management and administration, scientific status, operations, development engineering, logistics, personnel and travel. These files were largely drawn from the records of Melvin N.A. Peterson. The series measures two cubic feet.

NATIONAL SCIENCE FOUNDATION AUTHORIZATION HEARINGS SERIES (Box 37)

This series consists of correspondence and other records documenting Congressional hearings including appropriations hearings concerning Project Mohole and the American Miscellaneous Society (AmSOC). These records were collected by the Office of Melvin N. A. Peterson. These records measure four linear inches and include material dated 1964-1975.

NATIONAL SCIENCE FOUNDATION ANNUAL DIRECTOR’S PROGRAM REVIEW SERIES (Box 38)

This series consists of records of annual presentations made by DSDP management to the National Science Foundation. DSDP Annual Program Reviews were traditionally held each spring and presented reports on scientific accomplishments, future plans, operations and engineering and management. The files document reviews held in 1967, and 1971-1981. There were no formal reviews between 1968 and 1970, nor were reviews conducted in 1980 or after 1981. Primary files in this series were drawn from the records of Melvin N.A. Peterson. Additional material was drawn from the records of the offices N. Terence Edgar, David G. Moore, and Yves Lancelot. The records in this series measure one cubic foot.

NATIONAL SCIENCE FOUNDATION SERIES (Box 39-40)

This series consists almost entirely of general correspondence exchanged between the DSDP and the National Science Foundation between 1967-1984. These files were maintained as a part of the records of Melvin N.A. Peterson. Additional DSDP-NSF correspondence found in project offices has been included in this series. (See also Melvin N.A. Peterson Chrono, Contracts Office, Program Plans and NSF Rep office files.) The series measures one and one-half linear feet.

DEEP SEA DRILLING PROJECT. OFFICE OF THE PROJECT MANAGER (Rand; Brunot) SERIES (Boxes 41-43)

The DSDP Office of the Project Manager was established July 1, 1966 to oversee all aspects of the DSDP and to secure a subcontractor to design and construct a suitable vessel for deep ocean drilling. William W. Rand served as Project Manager from July 1, 1966 to September 30, 1967 and was succeeded by Kenneth E. Brunot who served from 10 July 1967 to 15 January 1971. The records of the Project Manager generated by Rand and Brunot were apparently placed in storage with a group of public relations files. These files were discovered in 1987. It is not
known if these are the complete files of Rand and Brunot as Project Managers. The series consists of correspondence, proposals, drilling information, and drilling subcontract matters. The series includes documentation of the design and sea trials of the drilling vessel GLOMAR CHALLENGER. The series also includes early correspondence with the National Science Foundation. The records in this series measure two linear feet and include material dated 1961 and 1965-1971.

MELVIN N.A. PETERSON CHRONOLOGICAL FILES SERIES (Boxes 44-49)

This series consists of a chronological file of correspondence, memoranda, reports and other material generated by Melvin N.A. Peterson as Chief Scientist, Co-Principal Investigator, and Principal Investigator/Project Manager and his assistant Lynn Victoria Allan from May 1968 to August 1985. The chronological files were maintained by Allan (1968-1974) and successors, but were discontinued in August 1985. Correspondence between 1985 and 1987 can be found in the "Contracts Office" series. The series measures six cubic feet.

MELVIN N.A. PETERSON SUBJECT FILES SERIES (Boxes 50-60)

This series consists of subject files created by Melvin N.A. Peterson as Chief Scientist, Co-Principal Investigator, and Principal Investigator/Project Manager during the period December 1967-April 1987. These files were reconstructed and arranged alphabetically and contain material dated 1963-1987. The subject files include Advanced Ocean Drilling Program (AODP), committee records, Conference on Scientific Ocean Drilling (COSOD), Marine Seismic System (MSS), Info Handling Group, Deep Ocean Mining Environmental Study (DOMES), DSDP Building, long-range planning, trip reports, Environmental Impact Statement, Future of Scientific Ocean Drilling (FUSOD), Government Accounting Office (GAO), early panel/committee correspondence, Global Marine Incorporated (GMA), Challenger and Explorer plans, Initial Reports, Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES), JOIDES Blake Panel Report, Law of the Sea, National Science Foundation (NSF), policies, proposals, repositories, sample distribution policy, U.N. Seabed Committee, United States Science Advisory Committee (USSAC), Waste Disposal Management, Ocean Margin Drilling (OMD), and "general correspondence" dated 1965-1986. The "general correspondence" files consist of correspondence gathered by DSDP records consultant Lynn Victoria Allan from Peterson subject files and from correspondence files of Van Andel and others. The series measures eleven cubic feet.

MELVIN N.A. PETERSON SPEECHES, SYMPOSIA, PAPERS SERIES (Boxes 61-63)

This series consists of scientific papers, talks, project presentations and other addresses delivered by Melvin N.A. Peterson on the DSDP during the period 1968-1979. These addresses were presented by Peterson as Chief Scientist, Co-Principal Investigator, and Principal Investigator/Project Manager of the DSDP. The series also includes some newspaper clippings related to the DSDP dated 1966 to 1968. The series measures three cubic feet.
PUBLICITY SERIES (Boxes 64-65)

This series consists of a complete set of DSDP press releases dated 1965-1983 and correspondence related to DSDP publicity dated 1966-1984. Press releases dated before 1968 were prepared by several sources, including JOIDES, the National Science Foundation and the Office of the Project Manager. Press releases issued by the DSDP had to be approved by the National Science Foundation before release. This series of records was drawn from the files of Melvin N.A. Peterson, Tom J. Wiley and Carl I. Sisskind. This series measures two cubic feet.

OFFICE OF PUBLIC INFORMATION SERIES (Boxes 66-73)

The series consists of subject files, correspondence, photographs, records of press conferences, magazine and newspaper articles, press kits and other material generated and/or collected by Tom J. Wiley and Carl I. Sisskind. Historical notes and significant dates can be found in this series. Additional newspaper clippings from Melvin N.A. Peterson's files were added to this series. No commercial clipping service was even used. This series measures eight cubic feet and includes materials dated 1961, 1964, 1966-1984. The bulk of the series consists of material dated 1966-1973.

MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES (Boxes 74-75)

OFFICE OF THE CHIEF SCIENTIST (N. TERENCE EDGAR; DAVID G. MOORE) SERIES (Boxes 76-89)

Records in this series were found in the core van in October 1986. The records consist of subject files which were reconstructed and arranged alphabetically. The records include material documenting the California Coastal Zone Conservation Commission various committees, D/V GLOMAR CHALLENGER scientific operations and equipment, the Explorer, Information Handling Group, laboratory equipment, logging, Ocean Margin Drilling Program, proposals, DSDP scientific publications, reference centers, data and core repositories, site material symposia proposals and talks and correspondence. The series also includes early correspondence with U.S. oil companies concerning their interest and involvement in the DSDP. This series measures eight cubic feet and includes material dated 1966-1980. The bulk of the material in this series is dated 1968-1976.

OFFICE OF THE STAFF AND CHIEF SCIENTIST (N. TERENCE EDGAR); OFFICE OF THE STAFF GEOLOGIST (ELIZABETH L. GEALY) SERIES (Box 90)

The series consists of correspondence dated May 1968 to December 1976. Most of this correspondence was generated by N. Terence Edgar as DSDP Staff Scientist and Chief Scientist with some material generated by Elizabeth L. Gealy, DSDP Staff Geologist. Small amounts of material by Melvin N.A. Peterson and David G. Moore can also be found within the files. The records in this series were apparently non-current files separated from their original sources and placed in storage. The series measures one cubic foot.
SAFETY REVIEWS SERIES (Boxes 91-97)

The series consists of correspondence, minutes and data pertaining to the safety operations of the D/V GLOMAR CHALLENGER from 1968 to 1983. Safety reviews were routinely conducted for the DSDP beginning with Leg 1. JOIDES established a Pollution Prevention and Safety Panel chaired by Hollis Hedberg following Leg 10 (1970) to review on behalf of JOIDES drilling sites. Review on behalf of SIO/UC as prime contractor and operator of DSDP was always separate from that of JOIDES, or site proponents. These files were maintained by the DSDP as a record of DSDP safety reviews and the work of the Pollution Prevention and Safety Panel. Although mainly a part of the leg by leg records, filed and stored separately, because more than one leg in single reviews, and sites not always drilled on the leg which were planned. The series measures seven cubic feet.

LEG FILES SERIES (Boxes 98-117)

This is a series of records initially maintained in the office of MNAP as a fundamental filing system to document the operations of the D/V GLOMAR CHALLENGER. To this was added by records consultant LVA materials gathered from other DSDP offices. These files are arranged sequentially from Leg 1 to Leg 96. Each leg file is composed of: scientific prospectus, leg staffing, cruise summaries, operations resumes, articles published in 'Geotimes', cruise operations manager's logs/notebooks, shipboard sample requests, shipboard forms, and general correspondence, including international authorizations. Shelved leg-related material in the DSDP archival vault includes: Hole Summaries (sans Legs 4, 12, and 42B); Lab Officer Notebooks; Leg Quick-Reference Framework; and Leg Photo Albums. The boxed series measures twenty cubic feet and includes material dated 1968-1986. Shelved series measures forty cubic feet.

WWD/WNCU MESSAGES SERIES (Boxes 118-131)

This is a series of records of radio communications between the DSDP office and drilling ship for Legs 1-96, effected through Radio Station WWD / WNCU.

OFFICE OF OPERATIONS AND ENGINEERING SERIES (Boxes 132-169)

These files were generated by the DSDP Office of Operations and Engineering. See also the series D/V GLOMAR CHALLENGER Operations. The files include core and drilling bit records, Technical Oil Tool Corporation (TOTCO) - microfilm only - originals at Texas A & M University (TAMU), D/V GLOMAR CHALLENGER deck logs, daily drilling reports (IADC – microfilm only - originals at TAMU), D/V GLOMAR CHALLENGER engine room logs, coring and drilling equipment files, blueprints of the D/V GLOMAR CHALLENGER, and coring systems, re-entry designs and blueprints, operations manuals, correspondence, drill string analyses, heave compensator, riser, vessel motion instrumentation, Marine Seismic System (MSS), manuals, reports, proposals, equipment inventories, and use-records, records of port calls, trip reports, papers, and correspondence. The files include material dated 1966-1983 and measures 36 cubic feet. The material is arranged as it was found in 1987.
D/V GLOMAR CHALLENGER OPERATIONS SERIES (Boxes 170-188)

Records in this series were drawn primarily from the DSDP Offices of Operations and Engineering, but also include material from other DSDP offices. Engineering supported operations and was part of operations until the early 1970's, when it was separated as a development engineering group. These records document equipment, systems and operations of the D/V GLOMAR CHALLENGER; this would include drilling and coring equipment, Vertical Motion Instrument (VMI), blow-out preventer, Challenger modifications, heat flow, heave compensation, riser, piston corers, logging, positioning, re-entry, seismic equipment, polar operations, and general correspondence. The series measures nineteen cubic feet and includes material dated c1967-1983.

LOGISTICS OFFICE SERIES (Boxes 189-214)

This series consists of subject files dated 1962-1987 documenting logistics of the D/V GLOMAR CHALLENGER and the DSDP. This series also includes one carton of files documenting Project Mohole equipment transferred to the DSDP in the 1960's. Logistics files include shipboard/shorebased equipment inventories, port call and drydock operations, shipping and receiving, shipboard/shipbased laboratory functions, DSDP building and space requirements, shipboard lab officers' logs, D/V GLOMAR CHALLENGER demobilization, final DSDP equipment transfer to Texas A & M University, loan agreements and general correspondence. The Logistics Officer was responsible for the DSDP Technical Support Group. The series measures twenty-seven cubic feet.

OFFICE OF THE NATIONAL SCIENCE FOUNDATION REPRESENTATIVE FOR THE DEEP SEA DRILLING PROJECT SERIES (Boxes 215-231)

Arch R. McLerran was appointed by the National Science Foundation to be the NSF field representative for the DSDP in 1967. He served in that capacity until 1983, when he retired from government civil service, to be employed by Texas A & M University's Ocean Drilling Program. The records in this series were generated and collected by the Office of the National Science Foundation Representative. Some records in this series were discovered in the core van in 1986 and two file cabinets were released to DSDP by McLerran in January 1987. The series consists of subject files and includes documentation of all aspects of the DSDP. The series includes a chronological file of correspondence exchanged between McLerran and officers of the National Science Foundation and the DSDP. There is also some material documenting JOIDES, AMSOC and MOHOLE. The series measures sixteen cubic feet and includes material dated 1959 and 1963-1983.

DSDP CONTRACTS OFFICE SERIES (Boxes 232-267)

These records were generated by the DSDP Contracts Office, which was responsible for administering all DSDP contractual matters. The series includes the original subcontractor selection files, prime contract and subcontract material, (see also series "Prime/Subcontracts), contract amendments, change orders, correspondence and supporting material, supplemental agreements, insurance, program plan material, budgets, financial reports and related
correspondence, audits, proposal files, RFP's, DSDP policies and procedures, correspondence and proposals, R/V Glomar Challenger operations, leg site selection notifications, International Phase of Ocean Drilling (IPOD), Marine Seismic System (MSS), repositories, VMI [Vertical Motion Instrumentation], riser, and logging programs. The series measures thirty-six cubic feet and includes material dated 1962-1987.

**PRODUCTION AND PUBLICATIONS SERIES (Boxes 268-273)**

These files were generated and collected by the Production and Publications Office which was primarily responsible for editing and preparing the "Initial Reports of the Deep Sea Drilling Project" for publication. These files include DSDP guides, a copy of DSDP Affiliated Scientists and Institutions, key word index to the Initial Reports, technical reports and forms, policies and other material describing procedures for editing and generating these and other DSDP publications. The files also include correspondence documenting the distribution of Initial Reports and other publications. The files include some material generated by the Information Handling Group which was responsible for the preparation of indexes and report distribution. The files measure six cubic feet and include material dated 1968-1987.

**INITIAL CORE DESCRIPTIONS SERIES (Boxes 274-275)**

These files include initial core descriptions for legs 27-96.

**TECHNICAL REPORTS AND TECHNICAL NOTES SERIES (Box 276)**

These files include operations resumes for Legs 1-96, and reports on re-entry, dynamic positioning, drill string, core bits, soils study, piston corer, drill string failure, drill pipe, etc.

**MICROFILMS SERIES (Boxes 277-279)**


**VIDEO CASSETTES, PHOTOGRAPHS, PRESS MATERIAL SERIES (Boxes 280-281)**

These files consist of DSDP videotapes, press kit, and materials prepared for Queen Elizabeth’s visit on 26 February 1983.

**NADIR OF DSDP – ADDENDA SERIES (Boxes 282-284)**

These files are records from Tom Wiley’s office from 1968-1977, materials on Operations and Engineering in a box labeled “Reverse Circulation and Riser Info”, materials from MNAP, and miscellaneous materials from the final day of DSDP on 30 April 1987, with people cleaning out desks and offices.
PERSONNEL, JOB DESCRIPTIONS AND POLICIES SERIES (Box 285)

These files consist of job cards and job descriptions of individuals, organization charts, and personnel policies.

ROLODEXES SERIES (Box 286)

MICROFICHE SERIES (Box 287)

INITIAL REPORT DISTRIBUTION LISTS; DSDP PARTICIPATION BY COUNTRY; RECIPIENTS OF DSDP CORE MATERIAL; SUMMARY BUDGETS (1968-1969); NOTES OF GMI NEGOTIATIONS FOR IPOD SERIES (Box 288)

CRUISE STAFFING SERIES (Boxes 289-301)

This series contains files of cruise rosters from Legs 1-96, and files on participants.

HOLE SUMMARIES SERIES (Boxes 302-318)

LAB OFFICER INFORMATION SERIES (Boxes 318-331)

FRAMEWORK SERIES (Boxes 331-335)

PHOTOGRAPHS SERIES (Boxes 335-344)

NSF PROCEDURES; NSF MANUALS; DSDP CORING MANUALS SERIES (Box 345)

VM I RECORDS SERIES (Boxes 346-347)

DSDP 1 SET XEROX (BLUEPRINTS) SERIES (Box 348)

FILMS SERIES (Boxes 349-356)
SIO DEEP SEA DRILLING PROJECT
Records, 1960-1987
Accession Number 87-20

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JOIDES SERIES
JOIDES Executive Committee (cont.)

1   Correspondence – 1967

   Minutes, 13-14 February 1967

   26 June 1967

   27 October 1967

Correspondence – 1968

   Minutes, 23-24 March 1968

   24 September 1968

   24 November 1968

Correspondence – 1969

   Minutes – 20 March 1969

   20 April 1969

   29 September 1969

Correspondence – 1970

   Minutes – 18 May 1970

   7 December 1970

Correspondence – 1971

   Minutes – 15 January 1971

   16 March 1971

   1 September 1969

Correspondence – Jan-July 1972

   Aug-Dec 1972
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    12 June 1975

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Correspondence – Jan-June 1976

    July-Dec 1976

Minutes – 16-17 January 1976

    22-23 April 1976

    3-4 August 1976

    18-19 October 1976

Correspondence – Jan-March 1977

    July-Dec 1976

Minutes - 4-5 April 1977

    19-21 July 1977

    11-12 October 1977

Correspondence – 1978

Minutes - 25-26 January 1978

    9 May 1978

    15-16 August 1978

    11-12 December 1978

Correspondence – 1979
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JOIDES SERIES
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4  Correspondence – 1966

Minutes – 1 March 1966

14-15 July 1966

10 September 1966

30 November 1966

Correspondence-1967

Minutes – 10 February 1967

21 April 1967

23 April 1967

9 September 1967

19 November 1967

Correspondence – 1968

Minutes – 30 January 1968

23 February 1968

24 March 1968

18 April 1968

9 May 1968

11 September 1968

24 September 1968

5 November 1968

6 November 1968
BOX  FOLDER TITLE

JOIDES SERIES
JOIDES Planning Committee (cont.)

4

Minutes - 24 November 1968

18 December 1968

Correspondence – 1969

Minutes – 14 May 1969

28 September 1969

Correspondence – Jan-May 1970

June-Dec 1970

Minutes – 12 January 1970

17 May 1970

24 June 1970

27 July 1970

10 November 1970

Correspondence – 1971

Minutes – 15 March 1971

14 May 1971

9-10 September 1971

Correspondence – Jan-Feb 1972

March-July 1972

Aug-Dec 1972

Minutes – 4 February 1972

9 June 1972
Minutes - 1-2 August 1972
24-25 September 1972
19 December 1972

Correspondence – January 1973
Feb-June 1973
July-Sept 1973

Minutes – 29-30 January 1973
22 March 1973
9 April 1973
11-13 June 1973
27-28 September 1973
29-30 November 1973
29-30 November 1973
12-14 December 1973

Correspondence – Jan-March 1974
April-Dec 1974

Minutes – 13-14 February 1974
27-29 March 1974
24-26 June 1974
1-4 October 1974
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JOIDES SERIES
JOIDES Planning Committee (cont.)

5   Correspondence - May-Aug 1978
    Sept-Dec 1978

6   Minutes – 16-19 January 1978
    1-4 May 1978
    18-20 July 1978
    6-9 November 1978

   Correspondence – Jan-June 1979
    July-Dec 1979

   Minutes – 5-9 March 1979
    16-18 July 1979
    23-26 October 1979

   Correspondence – Jan-Feb 1980
    March-July 1980
    Aug-Dec 1980

   Minutes - 25-28 February 1980
    2-4 July 1980
    15-17 October 1980

   Correspondence – 1981

   Minutes – 24-27 February 1981
    8-10 July 1981
    11-13 November 1981
BOX  FOLDER TITLE

**JOIDES SERIES**
JOIDES Planning Committee (cont.)

6  Correspondence – 1982

Minutes – 23-26 February 1982

7-9 July 1982

6-8 October 1982

Correspondence – 1983

Minutes – 25-28 January 1983

1-3 June 1983

13-15 September 1983

10-12 January 1984

21-23 March 1984

21-23 May 1984

10-12 April 1985


Information Handling Panel (1968-1970)

Interstitial Water Panel (and Organic Geochemistry) (1967-1970)

Pacific Advisory Panel (1968-1970)

Paleontology & Biostratigraphy Panel (1968-1970)

Well Logging Panel (1966-1968) (NOTE: See also Chief Scientist’s Office Files under “Pre-IPOD Logging”)

(1969-1970)

X-Ray Mineralogy Panel (1967-1970)
Atlantic Advisory Panel (1968-1974)
Downhole Measurements Panel (1974-1975)
(1976-1978)
Gulf Advisory Subpanel (1973-1974)
Igneous & Metamorphic Petrology Panel (1967-1974)
Indian Ocean Panel (1969-1971)
Industrial Liaison Panel
Information Handling Panel (1971-1975)
(1977-1981)
Inorganic Geochemistry Panel (1970-1974)
Mediterranean Advisory Subpanel (1970-1974)
Ocean Crust Panel (1974-1976)
Ocean Margin Panel (1973-1975)
Organic Geochemistry Panel (Nov 1969-Nov-1975)
(Dec 1975)
Paleomagnetism & Age Dating Panel (1967-1970)
Paleomagnetism & Age Dating Panel/Develco Scanning Magnetometer
BOX  FOLDER TITLE

JOIDES SERIES (cont.)

8  Paleontology & Biostratigraphy Panel (1972-1975)
Passive Margin Panel (1976)
Pollution Prevention & Safety Panel (1972-1976)

Site Survey Panel (1969-1971)
SODPOCR Panel (Scientific Objectives of Deeper Penetration in Oceanic Crustal Rocks 1970-1972)
Stratigraphic Correlations Panel (1975)
Well Logging Panel (1968-1973) (NOTE: See also: Chief Scientist’s Office Files under “Pre-IPOD Logging”)
X-Ray Mineralogy Panel (1967-1971)
Various Panels (1977-1984)
Panel Listings

     (1975-1976)
Active Margin Panel (1974-1975)
     (Jan-Aug 1976)
     (Oct 1976-Dec 1977)
     (Jan 1978-Jan 1983)
Atlantic Advisory Panel (1968-1979)
Downhole Measurements Panel (1975-1978)
BOX  FOLDER TITLE

JOIDES SERIES (cont.)

10  Downhole Measurements Panel (1978-1982)
   (July 1978)
   (Aug 1978-May 1979)
Gulf of Mexico Advisory Panel (1969-1974)

Hydraulic Piston Core Working Group (1979-1980)
Hydrogeology Working Group (1981)
Igneous & Metamorphic Petrology Panel (1968-1972)
Igneous & Metamorphic Petrology Panel CX9TPT-T9T5
Indian Ocean Panel (1968-1970)
   (1971-1973)
Information Handling Panel (1968-1973) - (See "DSDP Information Handling Group"
Files for Additional Background information)
   (1974-1976)
   (1977-1981)
Inorganic Geochemistry Panel (1968-1971)
   (1972-1981)
   (1974-1980)
BOX  FOLDER TITLE

**JOIDES SERIES (cont.)**

11  Middle America Trench Working Group (1977-1978)

Oceanic Crust Panel (1973-1974)

(1975)
(1976)

12  (1977)
(1977)
(Jan-Aug 1978)
(Sept-Dec 1978)
(1979)
(1980-1982)

Ocean Paleoenvironment Panel (1974-June 1975)

(July 1975-June 1976)
(July 1976-Dec 1976)
(1977-1978)
(1979-1982)

Organic Geochemistry Panel (1967-1973)

(1974-May 1975)
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15 Hydraulic Piston Core Working Group
Igneous and Metamorphic Petrology
Information Handling Panel
Information Handling Panel
Inorganic Geochemistry Panel
Mediterranean and Mediterranean-Caribbean Panel
Mesozoic Working Group
Mid-America Trench Working Group
Northwest/Northeast Atlantic Working Groups
Ocean Crust Panel
Ocean Crust Panel
Ocean Crust Panel
Ocean Paleoenvironment Panel
Ocean Paleoenvironment Panel
Ocean Paleoenvironment Panel
Organic Geochemistry Panel
Pacific Advisory Panel
Paleontology & Biostratigraphy Panel
Passive Margin Panel
Passive margin Panel
Pollution Prevention & Safety Panel (**NOTE: SEE SAFETY FILE** This file removed & Placed in “Safety Files”)


Sedimentary Petrology & Physical Properties Panel
Site Survey Panel
Scientific Objective of Deeper Penetration in Oceanic Crustal Rocks Panel
South Atlantic Working Group
Southeast Atlantic Working Group
Stratigraphic Correlations Panel
JOIDES Panels – Additional Material
  Additional Material
  Additional Material
  Additional Material
  Additional Material
  Miscellaneous Additional Material
  Miscellaneous Additional Material
  White Papers
  White Papers
  White Papers
  White Papers
BOX    FOLDER TITLE

JOIDES SERIES (cont.)

17    JOIDES White Papers – Originals

  Originals
  Appendix I – Originals
  Appendix I – Originals
  Final
  Appendix I – Final

JOIDES Material – Legs 1-96 (NOTE: These files do not include each and every leg. Also of note is that these files do include data pertaining to the Pollution Prevention & Safety Panel.)

  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96
  Legs 1-96


19    1982-1987

20    JOIDES Agreement & Articles of Implementation

JOIDES Office
BOX  FOLDER TITLE

JOIDES SERIES (cont.)
20  JOIDES XCOM/PCOM – 1967-1976
   1977-1980
   1981-1982
   Jan-March 1983
JOIDES Panels – Additional Material – 1967-1977
   1968-1976
   Jan-May 1977
   June-Dec 1977
   1978-1979
   1980
   1981
   1982
   1983

IPOD SERIES
21  IPOD (OCT 1970-JUNE 1972)
   JULY-OCT 1972
   NOV-DEC 1972
   JANUARY 1973
   FEB-MARCH 1973
   APRIL 1973
   MAY-JUNE 1973
   JULY-SEPT 1973
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IPOD SERIES
IPOD (cont.)

21   OCT-DEC 1973
     JAN-FEB 1974
     MARCH-JULY 1974
     AUG-DEC 1974
     1975
     1976-JAN 1977
     FEB-DEC 1977
     1978-1981
     1982
     1983

     1975
     1976
     1977-1979
     Argentina – 1972-173
     Feb-March 1981
     April-July 1981
     Aug 1981-June 1984
     Canada – 1971-1982
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    South Africa – 1972-1981
    Sweden – 1974-1978
    Switzerland – 1972-1981
    USSR – Feb-Oct 1972
    Nov-Dec 1972
    Jan-March 1973
    April-Dec 1973
    Jan-April 1974
    May 1974-Dec 1975
    1976-1977
    1978-1979
    1980-1986
    Cables – 1977-1978
    1979-1982
    General Correspondence – Foreign – 1973-1984

**JOI SERIES**

24  JOI, INC. – 1976
    1977
    Jan-April, 1978
BOX  FOLDER TITLE

JOI SERIES

JOI, INC. (cont.)

24  May-Sept 1978
    Oct-Nov 1978
    December 1978
    Jan-March 1979
    April-Dec 1979
    Jan-June 1980
    July-Dec 1980
    1981
    1982
    1983
    Jan-March 1984
    April-Dec 1984
    1985
    1976-1977
    1978
    1979-1983

UCSD PROPOSALS SERIES

25  UCSD Proposal #1581 (1965)
    #2854 (1969)
    #4136 (1971) – Re-entry Proposal
Planning Document for a Proposed International Program of Ocean Drilling (This is not a formal proposal, but led to UCSD Proposal #6297 and IPOD)

UCSD Proposal #6297 (1973)

#6297 (1977)

#0862 (1977) – Volume I: Executive Summary

Volume II: Scientific Proposal

Volume III: Management & Cost Proposal

Volume IV: Appendices

FUSOD (The Future of Scientific Ocean Drilling) (1977)

UCSD Proposal #1734 (19080)

Proposal Background/Correspondence – 1970

Jan-Feb 1971

Mar-Nov 1971

1972-1977

1978

1979

Proposal #1734 – Preliminary Version

First Version
BOX  FOLDER TITLE

UCSD PROPOSALS SERIES
Proposal #1734 (cont.)

26   (February 1980

(September 1980)

Proposal Background/Correspondence – Jan-Oct 1981

Nov-Dec 1981

1982

NOTE: Some additional Background/Correspondence can be found in MNAP’s “NSF Correspondence Files. More proposal material (AODP) can be found in MNAP’s end of files.

PRIME / SUB-CONTRACTS SERIES

27  Prime Contract – Original Text Plus Amendments – NSF-C-482

Amendments 1-27

Amendments 28-66

Amendments 67-114

Subcontract – Global Marine Inc. – NSF-C-482-1

Amendments 1-12

Supplemental Agreements 1-32

33-65

Task Order 1 / Change Orders 32-61

Change Orders 1-31

Technical Specifications (1 of 2)

(2 of 2)

RFP – 1974
27  Business Proposal – 1974
    Technical Proposal – 1974
    Memo of Negotiations – 1975
    (And Amendments) – 1975 (1 of 2)
    (2 of 2)

28  Change Orders
    Supplemental Agreements (1 of 3)
    (2 of 3)
    (3 of 3)

Subcontract - Lamont Doherty Geological Observatory – Site Survey (1 of 2)
    Site Survey (2 of 2)
    Univ. of Delaware
    Univ. of Miami
    UCSD-SIO
    Univ. of Hawaii
    Univ. of Hawaii
    UT-Austin
    UT-Austin
    Univ. of Washington
    Univ. of Washington
    WHOI
BOX  FOLDER TITLE

PRIME / SUB-CONTRACTS SERIES (cont.)

28  Subcontract - Ocean Margin Drilling – (1 of 14)

(2 of 14)

(3 of 14)

(4 of 14)

(5 of 14)

29  (6 of 14)

(7 of 14)

(8 of 14)

(9 of 14)

(10 of 14)

(11 of 14)

(12 of 14)

(13 of 14)

(14 of 14)

PROGRAM PLANS SERIES

30  Official Final Program Plan – 18 October 1967

19 October 1967 (Operational Plan)

Official Final Program Plan Revision #1 – 6 May 1970 (i.e., Phase II)

Official Final Program Plan – Operations Plan – 1 April 1972

8 November 1972 (Phase III)

1 August 1973 (Amendment)
30  
3 July 1974 (Amendment)
7 May 1975 (Amendment)
27 June 1975 (Operations Plan)
4 February 1976 (IPOD)
24 June 1976 (Transition Plan)
20 April 1977 (IPOD-FY’77)
16 December 1977 (IPOD-FY’78)
1 January 1978 (Standing Policies)
21 December 1978 (IPOD-FY’79)
19 December 1979 (IPOD-FY’80)
25 August 1980 (Operations Plan)
8 January 1981 (IPOD-FY’81)
8 April 1982 (IPOD-FY’82)
18 March 1983 (IPOD-FY’83)
19 October 1983 (IPOD-FY’84)
24 February 1983 (Operations Plan)
16 July 1984 (IPOD-FY’85-87)

31  
Program Plan Background – 1966 (Contains Correspondence, Backup Info, and Draft Program Plan)

March-Sept 1967
October 1967
Oct 1967-Dec 1967
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<td>Feb-April 1977</td>
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|     | Oct-Dec 1977 |
|     | Jan-June 1978 |
|     | June 1978 (1 of 3) |
|     | (2 of 3) |
|     | (3 of 3) |
|     | Aug 1976 |
|     | Sept 1978 |
|     | Oct 1978 |
|     | Nov-Dec 1978 |
|     | Jan-Aug 1979 |
|     | Aug-Dec 1979 |
|     | Jan-July 1980 |
|     | Aug-Dec 1980 |
|     | Jan-June 1981 |
|     | July-Dec 1981 |

|     | Jan-June 1982 |
|     | July 1982 |
|     | Aug-Dec 1982 |
|     | Jan-March 1983 |

|     | April-June 1983 |
|     | July-Sept 1983 |
BOX  FOLDER TITLE

PROGRAM PLANS SERIES
Program Plan Background (cont.)

34   Oct-Dec 1983
     Jan-May 1984
     June-Dec 1984

MONTHLY REPORTS SERIES

35   DSDP Monthly Reports to NSF – July 1968-Feb 1969
     March-Aug 1969
     Sept 1969-May 1970
     June-Dec 1970
     Jan-June 1971
     July-Dec 1971
     Jan-June 1972
     July-Dec 1972
     Jan-June 1973
     July-Dec 1973
     Jan-June 1974
     July-Dec 1974
     Jan-June 1975
     July-Oct 1975
     Nov 1975-Feb 1976
     March-June 1976

36   July-Oct 1976
BOX     FOLDER TITLE

MONTHLY REPORTS SERIES
DSDP Monthly Reports to NSF (cont.)

36     Nov-Dec 1976
        Jan-April 1977
        May-Aug 1977
        Sept-Dec 1977
        Jan-April 1978
        May-Aug 1978
        Sept-Dec 1978
        Jan-June 1979
        July-Dec 1979
        Jan-Dec 1980
        Jan-Dec 1981
        Jan-Oct 1982
        Nov 1982-Aug 1983
        Sept 1983-March 1984
        April-Dec 1984
        Jan-Dec 1985
        Jan-Dec 1986
        Jan-April 1987

Miscellaneous Correspondence

NSF AUTHORIZATION HEARINGS SERIES

37     NSF Congressional Hearings – Correspondence – 1970-1975
NSF AUTHORIZATION HEARINGS SERIES (cont.)

37 Appropriations Hearings (H.R. 8747) – 1964 (See pages 2289-2378 RE AMSOC & MOHOLE)

Congressional Hearings (SRES-40) – 169 Part 1

Part 2

Part 3

Congressional Hearings (H.R. 4743) – 1971

NSF ANNUAL DIRECTOR’S PROGRAM REVIEW SERIES

38 NSF Presentation - 1967

NSF Review - 1971

1972

1973

1974

1975

1976

1977

1978 (1 OF 2)

(2 of 2)

1979

1981 (No review for 1980 or post-1981)

NATIONAL SCIENCE FOUNDATION SERIES

39 NSF Correspondence – 1967-1969

1970
BOX  FOLDER TITLE

NATIONAL SCIENCE FOUNDATION SERIES
NSF Correspondence (cont.)

39   Jan-May 1971

       June-Dec 1971

       1972 (Some of MNAP’s files missing)

       Jan-April 1973

       May-Aug 1973

       Sept-Dec 1973

       Jan-April 1974

       May-July 1974

       Aug-Dec 1974

       Jan-June 1975

       July-Dec 1975

       1976-1977

       Jan-Aug 1978

       Sept-Dec 1978

40   1979

       1980

       1981

       1982

       1983

       1984
OFFICE OF THE PROJECT MANAGER (RAND, BRUNOT) SERIES

41 Drilling Contractors – Westinghouse Elec. Corp. (Circa 1966)
   Todd Shipyards Corp. (1965)
   Taggart, Robert (1961)
   Gearhart-Owen Industries, INC. (1966)
   Technical Oil Tool Corp. (1966-1967)
   Petroleum Consultants (1967)
   The Baylor Company (1967-1968)
   Advisory Panel – Acoustic Positioning System (1968)
   Schlumberger (1968-1969)
   Logging Data from R. Wait (1968)
   Well Logging (1967-1968)
   Radioactive Logging (1968)
   Heave Compensator (1967-1968)
   FSK Converter (1968)
   Ocean Systems, INC. (1967)
   Dyna-Drill CO. (1966)
   Drilling & Service, INC. (1967)
   Christensen Diamond Products Co. (1966-1968)
   Atlantic Research Corporations (1967)
   AMF Tuboscope (1968)
OFFICE OF THE PROJECT MANAGER (RAND, BRUNOT) SERIES (cont.)

41  Drilling (1967-1968)

Dilwell (Division of U.S. Steel, Corp.) (1967)

Pyramid Derrick & Equipment Co. (1965-1967)

Moore, Lee C., Company (1964-1967)

IDECO (1967)

Continental-EMSCO Company (1967)

Core Vans (1967-1968)

HYCALOG, INC. (1967-1968)

Core Samples (1968)

Coring (1967-1968)

Engineered Systems (1968)


Burnett Electronics Lab, INC. (1968)

ITT Mackay Madine (1967-1968)

Global Marine Inc. (Technical) (1968)

(Business (1968-1969)

Dames & Moore (1966-1967)

Positioning System (1967-1968)

Ship Operations – General (1968)

Acceptance (1968)

Letters, Memos, ETC. (1970)

SIO Drilling Steering Committee (1969)
41


X-Ray Mineralogy (1970)

Work Schedule-Personnel (1968-1969)

Sea Trials (1968)

Scientific Tasks (1968)

Shipboard Library (1968) (MOHOLE Library)

Radiation (1969)

Quarterly report (1967-1968)

Publications (1969)


Proposed Track (1966-1970)

DSDP Participation & Personnel Presentations (1968-1970)

Operational Plan Revision #1 (1969)

GORC Correspondence (1968-1970)

Foreign Scientist Participation – Correspondence & Policy (1968-1970)

DSDP 30-Month Extension-Cen’l Corres (1969)

Drilling Industry (1969)


Sea Trial Agenda (1968)

Core Distribution (Reports) (1968-1970)

Communications (1967-1970)

<table>
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| 41  | Director’s Office – Correspondence (1966-1970)  
Glomar Challenger Christening List (1968)  
Travel (1967-1969)  
Naval Communications (1968) |
| 42  | Brunot, K.E. – Correspondence (1967-1969)  
Outgoing Correspondence (1970-1971)  
DSDP Memoranda (1969-1970)  
Brunot, K.E. – Incoming Correspondence (1970)  
Correspondence (1968-1969)  
NSF Outgoing Correspondence 1970-1971  
NSF Incoming Correspondence 1970-1971 |
| 43  | NSF Correspondence – 1969  
1968  
1967 (1966)  
Organization – Development System for Management for DSDP –PERT  
Miscellaneous-Extra Maps & Papers |
| 44  | MNAP Chrono – May 1968-June 1969  
July 1969-Jan 1970  
Feb 1970-Dec 1970  
Jan 1971-June 1971  
July 1971-Dec 1971 |
BOX  FOLDER TITLE

MELVIN N.A. PETERSON CHRONOLOGICAL FILES SERIES (cont.)

44  MNAP Chrono - Jan 1972-March 1972

45  April 1972
    May 1972
    June-July 1972
    Aug-Oct 1972
    Nov-Dec 1972
    Jan 1973
    Feb 1973
    March-June 1973
    July-Dec 1973
    Jan-Feb 1974
    March 1974
    April 1974
    May-June 1974
    July 1974
    August 1974
    September 1974

46  Oct-Nov 1974
    Dec 1974-Jan 1975
    Feb-March 1975
    April 1975
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MELVIN N.A. PETERSON CHRONOLOGICAL FILES SERIES (cont.)

47  MNAP Chrono -Nov-Dec 1978
    Jan-Feb 1979
    March-April 1979
    May-July 1979
    August 1979
    Sept-Nov 1979
    December 1979
    Jan-May 1980
    June-Aug 1980
    September 1980
    Oct-Nov 1980
    Dec 1980-Feb 1981

48  March-June 1981
    July-Oct 1981
    Nov 1981-Feb 1982
    March-May 1982
    June-Sept 1982
    Oct-Dec 1982

49  Jan-April 1983
    May-Sept 1983
    Oct-Dec 1983
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<td>AD Valorem Tax Liability (1972 – 1982)</td>
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<td>Advanced Ocean Drilling Program – 1982</td>
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<td>Bally report – 1978</td>
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<td>Bicentennial – 1973-1974</td>
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<td>Blue Ribbon Panel – 1979</td>
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<td>Climatologically Studios – DSDP – 1977</td>
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<td>Academic Senate – 1976 – 1982</td>
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<td>Director’s Advisory Council – 1970-1971</td>
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Committees, Drilling Steering Committee -1967-1984


Geosecs Committee

Faculty Committee (1972-1978)


Marine Sciences Physical Planning Committee – 1971-1978

Marine Technology Group – 1974

Oceanographic Collections Committee – 1971 – 1978

Scientific Advisory Committee – 1970-1975

SCOR – 1968


SIO Staff Council – 1967-1980

UCSD-SIO Long Range Planning Committee – 1966-1975

Unified Lab Facilities Committee – 1971-1983

Congressional Records – 1969-1971

Core Photography – 1969-1977

COSOD – 1981-1982 (1 of 3)

(2 of 3)

(3 of 3)

DARPA/NORDA – 1980-1982

Data Retrieval/Info Handling – 1968
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MELVIN N.A. PETERSON SUBJECT FILES SERIES (cont.)

52  DOMES - 1984

- Drydock Activities – 1977
- DSD Project Affairs – 1967-1979
- DSDP Building – 1972-1974
- DSDP Bulletin – 1979
- DSDP Extension – 1968-1969
  - 1970-1972
- DSDP Film & Display 1981
- DSDP History – 1963-April 1970

53  May 1970-Feb 1971

  - 1974-1976
- DSDP Trademark – 1983
- DSDP Trip Reports – 1969
- DOMAND – 1978-1985
- Engineering Leg – 1979
  - June 1974-Feb 1975
  - March-May 1975

  May 1975
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MELVIN N.A. PETERSON SUBJECT FILES SERIES (cont.)

54  General Correspondence - 1970

  1971
  1972
  1973
  1974
  1975
  1976
  1977
  1978
  1979
  1980

  1981-1986

  Geodynamics Project (C.L. Drake) – 1970-1974

55  Geodynamics Project – 1978

  Geophysical Surveys - 1971

  Global Marine Inc. – Subcontract Extension – 1970-1971 (Book I of II)

  1971-1972 (Book II of II)


  Global Marine Inc.  1977-1984


  Glomar Explorer – 1974-1978
BOX  FOLDER TITLE

MELVIN N.A. PETERSON SUBJECT FILES SERIES (cont.)

55  Glomar Explorer - 1979-1982

Grape Instructions – 1973-1974

Handbook – Chief Scientific Editor 1968-1969

History of H.M.S. Challenger

Hydraulic Piston Corer – 1979-1982

In Situ Permeability & Hydrofracturing Experiments – 1977


1969

March 1971-Sept 1977

56  Oct 1977-1983


JOIDES – 1965-1968

1969-1973

1974-1976

Laboratory Specifications 1967-1968


Aug 1971-May 1972

June 1972-March 1973

Spring 1973-1974

1980-1981

1982-1983
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<td>Oblique Seismic Experiment – 1976-1977</td>
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<td>ODP (Ocean Drilling Program) – 1983-1984</td>
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<td>OMB (Office of Management and Budget) – 1974</td>
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<td>Policies – 1968-1973</td>
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<td>Pre-site Surveys – 1968-1973</td>
</tr>
<tr>
<td></td>
<td>Proposals – JOIDES’ Correspondence Proposal – SCAS/WHI – 1968</td>
</tr>
</tbody>
</table>
57  Proposals - Gulf of California – 1971

Clathrates – 1971

Igneous Rocks – SUNY – 1971

Communications – 1970-1972

Sampling of Layer 2 in N. Atlantic – 1972

USD Samples – FSU – 1973

Indian Ocean Study – 1973-1974


Info Handling – 1974-1975

Geological/Soils Study – 1974-1975

Mid-Atlantic Ridge – 1976

Japan Trench Margin – 1978

Provisions of Pressure Control Systems – 1971


Reference Centers – 1975-1980

Repositories – 1968-1969

1970-1973

1974-1984

RFP – Subcontract – 1966-1967

58  Riser – 1975

Sample Distribution Policy – 1968-1970
Sample Distribution Policy - 1971-1975

“Savannah” – 1968-1971

Scientific Prospectus – 1968


Sediment Data Bank Coding Instructions – 1978

Ship Schedules – 1967-1975

SIO Annual Meeting – 1971


SIO – General – 1974-1978

Site Surveys - 1968

Space & Floor Plans – 1967-1984


Training & Orientation – 1968

UCR-DSDP Laboratory – 1969-1974

UNOLS – 1974-1975


1970-1973

U.S. Department of Interior

USGS – Eniwetok – 1983

USSAC – 1983

U.S. Senate Hearings – 1966-1970
Box | Folder Title
--- | ---
58 | Waste Disposal Management – 1974 (1 of 3)
59 | (2 of 3)
 | (3 of 3)
Miscellaneous – 1966-1969
 | 1970-1971
 | 1972-1973
 | 1974-1987
Glomar Challenger – 1982
Advanced Ocean Drilling Program – 1982-1983
Post 1983 Challenger Proposal
Future Proposal – 1983
U.S. Science Program/Ocean Drilling Prog. – 1983
JOI Inc. Proposal/AODP/Part I – 1983
JOI Inc. Proposal/AODP/Part II
AODP Proposal – Part I – 1963
 | Part II
Future of Scientific Ocean Drilling (FUSOD) – 1977
Style Guide for DSDP Reports – 1969-1070
Joides Blake Panel Report – 1965
Paleoceanic Reconstructions – 1979
MELVIN N.A. PETERSON SUBJECT FILES SERIES (cont.)

59
Geology, Geophysics, & Scientific Ocean Drilling – A Plan – 1979
Conference on Scientific Ocean Drilling (COSOD) – 1981
Effective Use of the Sea (The White House) – 1966
Synthesis of DSDP Sediments/Microfossils – 1974-1975
Geochemical Investigations in the Caribbean Sea (Leg 15) – 1973
Preliminary Organic Geochemistry Report – Leg 44

60
OMD (Ocean Margin Drilling) (1 of 16)
(2 of 16)
(2 of 16)
(3 of 16)
(4 of 16)
(5 of 16)
(6 of 16)
(7 of 16)
(8 of 16)
(9 of 16)
(10 of 16)
(11 of 16)
(12 of 16)
(13 of 16)
(14 of 16)
<table>
<thead>
<tr>
<th>BOX</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>MELVIN N.A. PETERSON SUBJECT FILES SERIES</strong> (cont.)</td>
</tr>
<tr>
<td>60</td>
<td>OMD (Ocean Margin Drilling) (15 of 16)</td>
</tr>
<tr>
<td></td>
<td>(16 of 16)</td>
</tr>
<tr>
<td></td>
<td><strong>MELVIN N.A PETERSON SPEECHES, SYMPOSIA, PAPERS SERIES</strong></td>
</tr>
<tr>
<td>61</td>
<td>CASW – 1969</td>
</tr>
<tr>
<td></td>
<td>AGU – 1969</td>
</tr>
<tr>
<td></td>
<td>ECAPE – 1969</td>
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<td></td>
<td>GSA – 1969</td>
</tr>
<tr>
<td></td>
<td>Challenger Visit to San Diego – 1969</td>
</tr>
<tr>
<td></td>
<td>AGU – 1970</td>
</tr>
<tr>
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<td>DECON – 1969</td>
</tr>
<tr>
<td></td>
<td>IAPSO/CMG – TOKYO – 1970</td>
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<tr>
<td></td>
<td>“Nature of Solid Earth” Symposium – 1970</td>
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<td></td>
<td>Talk – Pomona College – 1970</td>
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<td>AGU – 1971</td>
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<td>GSA – 1971</td>
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<tr>
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<td>Lockheed – 1971</td>
</tr>
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<td></td>
<td>ONEXO – 1971</td>
</tr>
<tr>
<td></td>
<td>12th Pacific Science Congress – 1971</td>
</tr>
<tr>
<td></td>
<td>UCSB Seminar – 1972</td>
</tr>
<tr>
<td></td>
<td>Challenger Centennial – 1972</td>
</tr>
</tbody>
</table>
APEC – 1972
AAPG – 1972
AGU – 1972
XXIV International Geological Congress – 1972
GSA – 1972
AKS Committee on Paleoclimatology – 1972
“An Epic Voyage into the Past” (NY Times) – 1972
“DSD: Research Lags Exploration” (Science) – 1973
IGPP Conference – 1973
Igneous & Petamorphic Rocks from DSDP – 1973
IGPP Conference – 1973
DSDP (United Nations) Display
Interocean Conference – 1973
Conference on Factors Controlling CaCO3 Dissolution on Sea Floor – 1974
Sediment & Facies Symposium – 1973
Talk – California Association of Chemistry Teachers – 1973
Institute of International Education – 1973
European Geophysical Society – 1974
MNAP-CS European Trip – 1974
Challenger Centenary-DSDP Symposium – 1974
Nature of the Oceanic Crust – 1975
Distinguished Lecture Series – 1975
IOGG Quadrennial Report – 1975
BOX | FOLDER TITLE
---|---
61 | World Petroleum Congress – 1975
 | AAAS – 1969 – 1970
 | BBC – 1972
 | International Workshop on Marine Geoscience – 1971
 | Reader’s Digest – 1970-1973
 | Voice of America – 1969-1974
63 | Ocean Industry – 1969
 | Time Life Films – 1969
 | Scienza Tecnica – 1970-1971
 | Oceanology International – 1969
 | Two Years of Deep Sea Drilling – 1970
 | Meet the Scientist – 1970
 | Design News – 1972
 | UCLA Extension – 1975
 | UCSD Life Origins Series – 1977
 | UCLA – 1978
 | Safety of Life Offshore – 1983
 | Miscellaneous – 1968-1970
MELVIN N.A PETERSON SPEECHES, SYMPOSIA, PAPERS SERIES (cont.)

63  Miscellaneous - 1971-1979

PUBLICITY SERIES

64 Index of Press Releases (Note: Some NSF-Approved releases can be found in MNAP’s “News Releases” File)

Press Releases – Distribution Lists

100-107 – 1965-1968 (Also “Pre-100 Series” Releases)

108-140 – 1969

141 – 159 – 1970

160-175 – 1971

176-194 – 1972

195-210 – 1973

211-225 – 1974

226-238 – 1975

239-253 – 1976

254-267 – 1977

268-278 – 1978

279-291 – 1979

292-302 – 1980

303-315 – 1981

316 -322 – 1982

323-333 – 1983

News Release Correspondence – 1967-2968
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PUBLICITY SERIES (cont.)</td>
</tr>
<tr>
<td>64</td>
<td>News Release Correspondence – 1969</td>
</tr>
<tr>
<td></td>
<td>1970</td>
</tr>
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<td></td>
<td>1971</td>
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<td>1984</td>
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<td>65</td>
<td>Publicity Correspondence – 1970</td>
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<td>1966-1968</td>
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<td>1973</td>
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</tbody>
</table>
65  Publicity Correspondence - 1974

1975
1976
1977
1978
1980
1981
1982
1983
1984

OFFICE OF PUBLIC INFORMATION SERIES

66  Early PR Files Found in Core Van -- Correspondence/Address Changes

Clip Sheets

Coming Events

Dynamic Positioning Information

Environmental Impact Statement – 1975

Fact Sheet (General Information)

Fact Sheet (G.C.) The Drill Ship

Aquarium-Museum Display (SIO)

NSF Display

SIO Traveling Display
BOX | FOLDER TITLE
--- | ---

OFFICE OF PUBLIC INFORMATION SERIES (cont.)

66 | Early PR Files Found in Core Van -- Smithsonian Institute Display (No Contents)
   | Facts & Figures (No Contents)
   | Junior Oceanographer’s Corps (Aquarium-Museum SIO)
   | Future of Mohole (1961)
   | Manuscripts/Presentations
   | Panels

Early PR Files -- Heave Compensation

   | Brest Port Call
   | Menard Symposium speech (1969)
   | Engel Symposium Speech
   | National Science Board Visit to DSDP – 1982

Conferences – Miscellaneous (Conferences)/Re-entry

   | API Southern District Meeting – 1969
   | Attendance at DSDP Briefing at SIO -1969
   | DECON – 1969
   | Glomar Challenger Visits San Diego
   | Peterson Symposium Speech
   | Thronburg Symposium Speech
   | DSDP Extension News Conference

   | Leg 1 Press Conference
   | Leg 2 Press Conference
Early PR Files -- Leg 3 Press Conference

Leg 4 Press Conference
Leg 5 Press Conference
Leg 6 Press Conference
Leg 7 Press Conference
Leg 8 Press Conference
Leg 9 Press Conference
Leg 10 Press Conference
Leg 11 Press Conference
Leg 12 Press Conference
Leg 13 Press Conference
Leg 14 Press Conference
Leg 15 Press Conference
Leg 16 Press Conference
Leg 17 Press Conference
Leg 18 Press Conference
Leg 19 Press Conference
Leg 20 Press Conference
Leg 21 Press Conference
Leg 22 Press Conference
Leg 23 Press Conference
Early PR Files -- Leg 24 Press Conference

Leg 25 Press Conference (No Contents)

Phase III Press Conference

SIO Fact Sheet

Scientific American

Oceans

A Decade of Dreams

Magazines

Ocean Industry

Offshore

Oil & Gas Journal

Miscellaneous (1 of 2)

(2 of 2)

Current Science

Design and Construction of the Dynamically Positioned Glomar Challenger

Nature and Science

Newspapers

San Diego Union & Tribune

JOIDES Abstract

76 Magazine

Ocean Industry (May 1969)
OFFICE OF PUBLIC INFORMATION SERIES (cont.)

67  Early PR Files -- Lamp

   Western Oil Reporter

   Ocean Industry – 1968

   Miscellaneous News Articles (1 of 4)

      (2 of 4)

      (3 of 4)

      (4 of 4)

   News Clippings

   Articles (Originals)

   Abstract: P. Trapani

   Atlantic Drilling Sites

   Coring and Core Processing Procedures

   Deep Oceanic Drilling (MNAP)

   DSDP (Nov. 1968) – (No Contents)

   DSDP and JOIDES (3/14/69) – (No Contents)

   History

   Glomar Challenger – Launch Address

   Unfiled Articles

   Specifications

   Important Data for Atlantic Phase of DSDP 3/27/69

   Improved Core Bits
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>67</td>
<td>Early PR Files -- Info on Continental Drift &amp; Sea Floor Spreading (No Contents)</td>
</tr>
</tbody>
</table>

- A.R. McLerran
- M.I.T Article – SIMS
- Miscellaneous (Articles)
- Operational Statistics for First Nine Legs
- Operational Statistics for Extension Legs
- Operations Record
- Pacific Drilling Sites
- Reasons and Results by MNAP 12/10/70
- Re-Entry & Drill String Behavior
- Relations of DSDP to Mohole
- Request for Info – JOIDES
- Resume of DSDP
- Sample Distribution Policy 2/28/69
- Tech & Sci Achievements for First Four Years
- Scientific Objectives & Highlights – Part 1 (No Contents)
- Part II
- Significant DSDP Dates
- Significance of DSDP, etc. by MNAP (Sept.)
- Special Information – Operations – Engineering Phase of DSDP 4/22/69
Early PR Files -- Summary of Atlantic Ocean Drilling 2/28/69 (No Contents)

Summary of First year’s Major Scientific Results – MNAP

Tentative Port Call Schedule

Testimony of MNAP Before U.S. Senate

The Deep Sea Floor by H.W. Menard

Two Years of DSDP – June 1970 by MNAP

Use of Turbocorer

University of California

National Science Foundation

Publication Resumes


(1971)

(1972)

Turbocorer

Report on Alcoa Seaprobe

Films - Brochures (Miscellaneous)

Australian Consulate – General

Los Angeles Rams

Major League Baseball Film Division

NASA

NFL Films
**BOX FOLDER TITLE**

**OFFICE OF PUBLIC INFORMATION SERIES (cont.)**

67 Early PR Files -- Films - North America Rockwell

U.S. ARMY (Films)

U.S. AIR FORCE (Films)

U.S. NAVY (Films)

68 Movie Projector Manuals

Miscellaneous

Christmas Cards

Mohole

Press Kit Originals

News Clippings Book 1: March 1966-Dec 1967

Jan-July 1968

Aug-Oct 1968

News Clippings Book 2: Nov 1968-Jan 1969

Feb-March 1969

News Clippings Book 3: April-May 1969

June-July 1969

Aug-Sept 1969

News Clippings Book 4: Oct 1969

Nov-Dec 1969

Jan-Feb 1970

News Clippings Book 5: March-May 1970
BOX    FOLDER TITLE

OFFICE OF PUBLIC INFORMATION SERIES (cont.)

68    News Clippings Book 5: June-July 1970

     August 1970

     News Clippings Book 6: Sept 1970

     Oct 1970

     Nov-Dec 1970

     News Clippings Book 7: Jan-Feb 1971

69    March-April 1971

     News Clippings Book 8: May-June 1971

     July-Dec 1971

     News Clippings Book 9: Jan-May 1972

     June-Dec 1972

     News Clippings Book 10: Jan-Dec 1973

Clippings – Pre-1968

     1968

     1969 (1 of 2)

         (2 of 2)

     1970

     1971

     1972

     1973 (No file for 1974)

     1975
<table>
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<td>69</td>
<td>Clippings - 1976</td>
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<tr>
<td></td>
<td>1977</td>
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<td></td>
<td>1978</td>
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<td>1984</td>
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<td>ODP -1984</td>
</tr>
<tr>
<td>70</td>
<td>Clippings – 1970-1972</td>
</tr>
<tr>
<td></td>
<td>1974</td>
</tr>
<tr>
<td></td>
<td>Top Articles</td>
</tr>
<tr>
<td></td>
<td>Clippings – 1977-1978</td>
</tr>
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<td></td>
<td>MNAP Articles</td>
</tr>
<tr>
<td></td>
<td>Clippings – Prior 1975-1976</td>
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<td>Plan for Public Information (1968 or 1969)</td>
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<td>Public Information Policy Booklet</td>
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<td>Miscellaneous (1 of 2)</td>
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<td></td>
<td>(2 of 2)</td>
</tr>
<tr>
<td></td>
<td>BBC-TV</td>
</tr>
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</table>
70     Pierce, Duane (Mr.)

NETCHE (Neb. Ed. TV Council for Higher Ed., Inc.)

NBC

Merit Film Production

KEBS Radio

Gunn’s Studio

Fortune Cookie Films, LTD.

Disney Productions

CBS News

ABC

Washington Star

Radio and Television

The Washington Post

Wall Street Journal (No Contents)

United Press International

Scripps-Howard Newspapers

San Francisco Chronicle

San Diego Union

Seattle Times

Oakland Tribune

New York Times
70

Miami Herald

Los Angeles Times – West Magazine

La Jolla Light & Journal

Honolulu Star-Bulletin

Herald-Examiner

The Enterprise

Copley News Service

Chicago Tribune

Associated Press

Newspapers

World Oil

Time Magazine

Time-Life Books

Surveyor

Seventy-Six Magazine

Scientific American

Science News

Popular Mechanics

Petroleum Engineer

Oil & Gas Journal

Offshore
<table>
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<tr>
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<th>FOLDER TITLE</th>
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<tr>
<td>70</td>
<td>OFFICE OF PUBLIC INFORMATION SERIES (cont.)</td>
</tr>
</tbody>
</table>

Oceanology International  
Ocean Industry  
Newsweek  
National Geographic Society  
Milwaukee Journal  
Life Magazine  
Grolier, Inc.  
American Geological Institute  
Fortune Magazine  
Field Enterprises Educational Corp.  
Encyclopedia Britannica Educational Corp.  
Encyclopedia Americana  
Earth-Science Reviews/Atlas  
Design News  
Business Week  
Boston Herald Traveler  
Aldus Book LTD.  
Magazines and Books  
Soule, Gardner  
Sneddon, Mr. Richard  
Sara D. Stutz
BOX  FOLDER TITLE

OFFICE OF PUBLIC INFORMATION SERIES (cont.)

70  Kaptein Rolf Hansen
American Education Publication
Publishers, Writers, Etc.

71  Miscellaneous – Distribution Lists (1968-1973)
Biography(s) (originals)
Biographical Information Sheets
DSD News List – AP
Panel Members (biography) (1967)
Biography (Terminated Personnel)
Miscellaneous Letters – 1973
Miscellaneous Letters – 1972
  1971
  1970
  1968-1969
General Public Requests – 1968-1976
Corporations, Companies, etc.
American Association for the Advancement of Science (AAAS)
American Association of Oilwell Drilling (1969)
ACDRL (AC Electronics) (1969)
American Geophysical Union (AGU)
Society of Petroleum Engineers of Aime
API Division of Prod.

ASME (1969)

Bethlehem Steel Corporation (1968)

EDO Western Corporation (1969-1971)

Environmental Science Services Administration (1970)

Global Marine Inc. (1968-1973)

Gulf Oil Corporation

Gulf Universities Research Corp. (GURC) (1970)

HYCALOG, Inc. (1969-1971)

Junes & Laughlin Steel Corporation (1969)


Levingston, Shipbuilding Co. (1968)

Mobil (1968-1971)

Pan American Petroleum Cop. (1968)

Pauley Petroleum, Inc. (Oil Map Association) (1969)

Phillips Petroleum Company (1968-1973)

Shell Oil Company (1968-1972)


Sun Oil Company (1968-1972)

Sunray DX Oil Company (1968)

Tenneco, Inc. (1969)
BOX  FOLDER TITLE

OFFICE OF PUBLIC INFORMATION SERIES (cont.)

Foreign Letters (1969-1973)
Australia (1969-1972)
Canada (1969-1973)

France (1969-1973)
Germany (1968-1976)
Mexico (1971)
Switzerland (1969-1972)
Department of the Interior (1969-1972)
Glomar Challenger at Norfolk (Correspondence) (1970)
National Science Foundation (1968-1973)
United States Information Agency (1969-1973)
U.S. Navy Oceanography Office (1968)
Universities, Schools, Colleges, Etc. (1968-1972)
Case Western Reserve University (1969-1971)
Columbia University (Fred Knubel) (1968-1973)
Columbia University’s Press Release List
Johns Hopkins University (1968-1973)
Lamar State College of Technology (1968-1969)
Lamont Geological Observatory (1968-1973)
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
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<tbody>
<tr>
<td>72</td>
<td>OFFICE OF PUBLIC INFORMATION SERIES (cont.)</td>
</tr>
<tr>
<td>73</td>
<td>MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES</td>
</tr>
</tbody>
</table>

| 72  | N.Y State Maritime College (1968) |
|     | Oregon state University (1968-1972) |
|     | Texas A&M University (1969-1970) |
| 73  | University of California (1968-1972) |
|     | University of Hawaii (1969-1972) |
|     | University of Miami (1968-1971) |
|     | University of Washington (1968-1972) |
|     | Woods Hole Oceanographic Institution (1968-1972) |
|     | Addenda – 1966-June 1972 |
|     | Addenda – July 197201982 |
|     | Antarctic Journals – 1971-1974 |

| 74  | MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES |
| 74  | AAAS |
|     | Aberdeen News Conference – 1976 |
|     | Amsterdam Port Call – 1974 |
|     | Ascension Island – 1980 |
|     | BBC Int. W/MNAP – 1977 |
|     | Black Sea Leg – 1975 |
|     | Lewis Branscomb – 1981 |
MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES (cont.)

74

Brest, France Port Call – 1976
BSA (Explorers) Seminar – 1976
Budgets – 1973
Bullet Statements (NSF) – 1975
Cables – 1976-1977
Challenger Labs – 1978
Correspondence – 1981
COSOD – 1981
Cuban Scientist – 1981
Display(s) – 1973-1976
DSDP Display Negs and Pix – 1977
Distribution Policy – 1972-1980
DSDP Film and Related – 1981
Requests for DSDP Films – 1981
DSDP Memorandums – 1975-1981
DSDP Vintage Stuff – 1970 and pre-1970
DSDP Pamphlet Revision – 1975-1977
Ecuador – 1979-1980
E.I.S. – 1975
Falkland Islands – 1979
Film Distributors & References
<table>
<thead>
<tr>
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<th>FOLDER TITLE</th>
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<tbody>
<tr>
<td>74</td>
<td>MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES (cont.)</td>
</tr>
<tr>
<td></td>
<td>Five Year Program – 1981</td>
</tr>
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<td></td>
<td>French Agreement and Related – 1973-1978</td>
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<td>FRG – 1974</td>
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<td>FRG Drafts and Related – 1973-1978</td>
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<td></td>
<td>Fifth Anniversary Press Kit – 1973</td>
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<td>Foreign Update – 1974</td>
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<td>FUSOD – 1978</td>
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<td>Geo Magazine – 1979-1980</td>
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<td>GeoExpo – 1980</td>
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<td>GEOSECS/NORPAX</td>
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<td>Hocott Committee – 1978-1979</td>
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<td>IPOD – 1973-1975</td>
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<td>Japan – 1973-1975</td>
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<td>Japan Agreement and Related - 1975</td>
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<td>JOIDES – 1964-1979</td>
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<td>JOI, Inc. – 1977-1980</td>
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<td>Lamont-Doherty Repository</td>
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<td>Leg 50 Foul-Up – 1976</td>
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<td>74</td>
<td>MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES (cont.)</td>
</tr>
<tr>
<td></td>
<td>Letters – 1974-1976</td>
</tr>
<tr>
<td></td>
<td>Mailing List (Computer Printout)</td>
</tr>
<tr>
<td></td>
<td>Malaga Port Call – 1974-1975</td>
</tr>
<tr>
<td></td>
<td>Manzanillo Port Call – 1978-1979</td>
</tr>
<tr>
<td></td>
<td>The Mazatlan Mess – 1978-1979</td>
</tr>
<tr>
<td></td>
<td>Mini-Brochure</td>
</tr>
<tr>
<td>75</td>
<td>NSF – 1976-1981</td>
</tr>
<tr>
<td></td>
<td>John Slaughter</td>
</tr>
<tr>
<td></td>
<td>NSF Annual Report – 1974</td>
</tr>
<tr>
<td></td>
<td>NSF: International Meetings – 1977</td>
</tr>
<tr>
<td></td>
<td>National Research Council Meeting – 1979</td>
</tr>
<tr>
<td></td>
<td>NOAA – 1980</td>
</tr>
<tr>
<td></td>
<td>Norfolk VIP Visit 1975-1980</td>
</tr>
<tr>
<td></td>
<td>Norwegian Flap – 1974-1976</td>
</tr>
<tr>
<td></td>
<td>OMB – 1973-1974</td>
</tr>
<tr>
<td></td>
<td>Office of Science &amp; Technology – 1976</td>
</tr>
<tr>
<td></td>
<td>Open House (LA) – 1977</td>
</tr>
<tr>
<td></td>
<td>Oslo Trip 0 1974</td>
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<td></td>
<td>Pamphlets – Translations – 1974</td>
</tr>
<tr>
<td></td>
<td>Panama – 1980-1981</td>
</tr>
<tr>
<td></td>
<td>Photo Requests – 1973-1978</td>
</tr>
</tbody>
</table>
75  Pollack Reports – 1979
Board of Regents
Repositories – 1977
Russian Flaps – 1975-1977
Russian Insurance – 1975-1979
(New) Russian MOU Procedures – 1979
Russian X-Lation of DSDP Pamphlet – 1981
US/USSR Joint Committee for Cooperative Studies of the World Ocean – 1974
Santos, Brazil Port Call – 1979-1980
Seattle Open House – 1978
Shcheka Caper – 1978
Tokyo Open House – 1977
South Africa – 1979-1980
Southampton Port Call – 1981
Soviet Travel – 1975
Spanish Flap – 1976
Travel Arrangement with Foreign Members – 1975-1977
Straits of Florida (Leg 77) – 1980
Translators
BOX  FOLDER TITLE

MISCELLANEOUS PUBLIC / INTERNATIONAL MATTERS SERIES (cont.)

75  Manik Talwani - 1980
Turkish Flap – 1974-1975
Turkish-Cypriot Flap – 1974-1975
UK Agreement and Related – 1974-1977
Contracts and Grants/UCSD – 1978
USGS
USGS and Leg 44 – 1975
Vuchev Caper – 1981
Anniversary Tile Dist. Lists – 1978
VTR on the Challenger – 1978
Visits and Speeches – 1976-1981
Press Kit – 1972

OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES

76  Appendices – Shipboard Handbook
Sample Request Forms
Peer Review Forms & Instructions
Attachment 7 – Reference Format
Appendix G – Paleomagnetist Attachment
Job Descriptions – Shipboard Scientists
Paleontologist – Appendix J – Species List
Appendix F – C-H-N Analyzer
Appendix H – Hydrocarbon Analyzer

Shipboard Handbook – 1980

1979

Masters

Shipboard Handbook – Originals

Form Letter – Co-Chief Material & Miscellaneous

Science Operations – 5-Year Proposal

Drilling Proposals – Various

CUSOD File – 1981

NOAA Data Announcement File

Miscellaneous Correspondence – 1978-1982

IASPEI/UNESCO Workshop Info -1982

Glomar Challenger – Library

Science Lounge – DSDP

Proposed Building Modification – 1981

Procedures for Yeoman


Scientific Supplies & Equipment (1 of 2)

(2 of 2)

General Publications -1978-1983

NORDA 1981-1982
OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES (cont.)

76  Equipment/Personnel, Etc.
    ONR Proposal
    DARPA
    PAC-A-BERS Group
    AM (Active Margin) Synthesis Core Group
    Jet Propulsion Laboratory – 1971-1972
    New Building – 1972-1974
    Long Range Planning File

77  X-Ray Mineralogy Lab – 1971-1975
    Aerosol Program – 1973-1979
    Challenger Demobilization – 1983
    Challenger Improvements – 1975-1982
    Challenger Problems – 197501979
    Shipboard Laboratories (Challenger) – 1981-1982
    Computers – 1976-1984
    Extended Core Barrel – 1976
    Coring System Developments – 1978
    Coring Workshop – 1978
    Piston Cores (Giant) – 1977-1981
    HPC Results – Legs 64-69
    Hydraulic Piston Core – 1979-1982
BOX  FOLDER TITLE

OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES (cont.)

77  Piston Core Proposals
    Pressure Core Barrel – 1973-1979
    Drill String (Long) – 1976-1983
    IFP Pyrolysis – 1976-1979
    Magnetics – 1975-1981
    Navigational Equipment
    U-Channel Sampler – 1980-1982
    Re-entry Cones – 1976-1982
    Riser – 1975
    XRD File – 1980-1982
    XRF – 1974-1979
    AODP Ship Specifications – 1983
    Glomar Explorer – 1977-1982
        1975-1983
    Manual – Density Porosity Parameters
        Stylus

78  Challenger Science Equipment Inventory – 1983
    Drill Ship Conversion
    Originals – Shipboard Handbook
    Budgets – FY-1984
BOX  FOLDER TITLE

OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES (cont.)

78  Proposal (5 Years)

Pre-Cruise Briefing and Science Editor Packet

Curatorial Technician Staffing – 1976-1978

Co-Chief Package – 1976-1978

Science Services

DSDP Sampling Program – 1976

British XRF – 1977


Muller XRD File – 1976-1979

West Coast Repository – 1982-1983

Miscellaneous – 1982-1984

79  Ad Hoc Committee – Minutes

Miscellaneous

Air Sampling – Aeolian Sampling

Alcoa Seaprobe – Miscellaneous

California Coastal Zone Conservation Commission (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

CENOP (Science Services)

Chief Scientist’s Office (DSDP)
OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES (cont.)

79  CIBCASIO

Circum Pacific Map Project
Continental Margins Rept. (NAS/NRC)
Core Analysis Lab (Science Operations) (No Contents)
Core Photography (Science Services)
Coring (Glomar Challenger Engineering)
Coring Workshop
COSOD (File #1)
COSOD Steering Committee
Costa Rica (File #1)
DARPA (File #1)
Depth Recording 1968-1969
Downhole Equipment – Miscellaneous
  Ocean Subbottom Seismometer
  Pressure Core Barrel
Downhole Experiments (Downhole Experiments and Equipment)
Downhole Magnetometer (Downhole Equipment)
Drafts, Manuscripts, Reviews
Drill Rates
Dry Valley Drilling Project (Antarctica)
DSDP Building Extension
79  DSDP Policies

DSDP Steering Committee Meeting – 1979

Editorial Committee- 29-30 May 1974

Engineering Studies

Explorer

Explorer – Miscellaneous

Foreign Participation

FUSOD – Future Drilling

FUSOD II (File #1)

General Correspondence (Science Operations)

Glomar Challenger – Demobilization

Drydock 1977

Maintenance

Miscellaneous

Miscellaneous (General)

Operations/Equipment

Port Schedule Phase 3

Program 1980-1981

1981-1984

Proposed Program 1984

Riser
79  Glomar Challenger, Scientific Quarters
    Track Charts

80  Guatemala (File #1)
    Heat Flow – (See also HPC, PCB & Downhole Material)
    Hydraulic Piston Corer
    Hydraulic Piston Coring (Hydraulic Piston Coring)
      (Engineering)
      (Penetrometer)
      (Laboratory Procedures for HPC)
    Hydrofracturing
    Iceland Research Drilling Project – Meeting
    Igneous Rocks (Sampling Programs)
    Info & Statistics – DSDP – Phases 1 & 2
    Information Handling Group (1 of 2)
      (2 of 2)
      (Science Services)
    Budget
    Correspondence
    Data
    Data Base
    Data Data
80  Information Handling Group - Equipment

  Guide to Phase I Core Material

  Guide to Publications

  Personnel

  Recharge Data

  Space (Data Storage

Initial Core Description – Correspondence

Lab Equipment – Computers

  Electronic Equipment

  Equipment Purchase/Request List

  Future/Proposed Equipment

  Gas Chromatograph

  Grape (See also Physical Properties)

  Lab Designs

  Magnetic Equipment

  Microscope

  Miscellaneous

  Photo

  Physical Properties (See also Grape)

  Pore Water Sampler

  Scanning Electron Microscope
80  Lab Equipment - Source Rock Analyzer

XRF

X-Ray Diffraction

Logging – 1977-1978

Companies/Proposals

81  History & Evaluation of DSDP Logging Program – 1969

IPOD

Japan

Miscellaneous

United Kingdom

USSR

Worthington Meeting – 8 Dec 1967

Logistics – DSDP

Management Correspondence – DSDP

Mexican Correspondence

Miscellaneous (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Miscellaneous Project Business Prior to 1970 (Including 1970)

National Oceanographic Data Center
81  Neutron Activation Analysis (Dr. R. Wainerdi, Texas A&M)

NORPAX (File #1)

Ocean Margin Drilling Program

Ocean Margin Drilling Program

Ocean Margin Drilling Program (Interim Summary Report)

Ocean Margins (IPOD Engineering-Drilling)

Ocean Sciences Board

Office of Naval Research/ONR

Oil Companies

Oil Companies – AM. Petrol. Institute

    Chevron

    Esso

    Gulf

    Petroleum Indust. Group

    Shell

    U.S. Petroleum Co. Reps. Meeting

Oil Genesis

Piston Core Workshop – 1977

Proposals – ACNAV Re-entry for Non-Drilling Operations & Logging in DSDP Holes (Arnold)

    Analysis of Joides Cores (UCB)

    Curation of DSDP and AODP Cores
OFFICE OF THE CHIEF SCIENTIST (EDGAR; MOORE) SERIES (cont.)


Development of Technology to Meet DSDP Scientific Goals

Drill Miocene Patch Reefs South of Oahu

DSDP in Central Equatorial Atlantic

(to) Earth Scientists of Mexico

Gas Hydrates on Properties of Marine Sediments

Glomar Challenger 1981-1983

1981-1983

82 (New Program 1981-1983)

Archives 1981-1983

Reviews 1981

1984-1988

Gulf-Borderland Leg for DSDP

LGO – Drilling in the Oceans – 1965

Marine Geology of the Southern Ocean

Paleomagnetic Orientation of DSDP Basalts

Paleomagnetism of DSDP Sediments

Palynology of North Atlantic Cretaceous Sediments

Physical Oceanographic Studies Aboard Challenger

Scientific DSD Program in Gulf of California

Seismic Properties of Upper Icelandic Crust
Public Relations – DSDP

Publications – Correspondence

Deep Ocean Drilling with G/C “Oceans” Magazine

DSDP Articles

“Episodes”

“Geophysical Surveys”

“Geotimes”

Scientific Ocean Drilling Atlantic Ocean

G/C Completes Atlantic Track “Ocean Industry”

G/C Makes Exciting Discoveries “Ocean Industry”

“GSA Bulletin”

“McGRAW HILL Yearbook”

Mineral & Sea Salt Aerosol Concentrations in Various Ocean Regions

“Mosaic”

“National Geographic”

“Nature”

“Science Year”

“World Oil”

Reference Centers – Basel, Switzerland

Miscellaneous

Smithsonian
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>Repositories (1 of 2)</td>
</tr>
<tr>
<td></td>
<td>(2 of 2)</td>
</tr>
<tr>
<td></td>
<td>Curatorial Representatives</td>
</tr>
<tr>
<td></td>
<td>East Coast Repository (1 of 2)</td>
</tr>
<tr>
<td></td>
<td>(2 of 2)</td>
</tr>
<tr>
<td></td>
<td>Guide to Publications &amp; Subsequent Investigations of DSDP Materials</td>
</tr>
<tr>
<td></td>
<td>Third Repository (Florida State University)</td>
</tr>
<tr>
<td></td>
<td>West Coast Repository</td>
</tr>
<tr>
<td></td>
<td>Requests for Information</td>
</tr>
<tr>
<td></td>
<td>Rescheduling</td>
</tr>
<tr>
<td></td>
<td>Riserless, Drilling &amp; Scheduling Mtg.</td>
</tr>
<tr>
<td></td>
<td>RISP (Ross Ice Shelf Project)</td>
</tr>
<tr>
<td></td>
<td>Sample Distribution Policy</td>
</tr>
<tr>
<td></td>
<td>Sample Requests</td>
</tr>
<tr>
<td></td>
<td>Scientific Publications (1 of 7)</td>
</tr>
<tr>
<td>83</td>
<td>(2 of 7)</td>
</tr>
<tr>
<td></td>
<td>(3 of 7)</td>
</tr>
<tr>
<td></td>
<td>(4 of 7)</td>
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<td>(5 of 7)</td>
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<tr>
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<td>(6 of 7)</td>
</tr>
<tr>
<td></td>
<td>(7 of 7)</td>
</tr>
</tbody>
</table>
Scientific Publications - Ad Hoc Committee

Initial Reports – Style Guide

Inventory of Igneous Rock Recovery Legs I-XXV

Management Plan

Pull for Broader Distribution of Hole Summary Books

Seafloor Imaging Workshop

Shipboard Equipment – 3.5 kHz System

General

Miscellaneous/Brochures (cont.)

Omega System

Satellite Navigation

Seismic Equipment

Sonic Velocity

Sonobuoys

Speed Log

Shipboard Experiments – Oblique Seismic

Resistivity

Shipboard Procedures

Shipboard Sampling

SIO Drilling Steering Committee (SIO/UCSD)

SIO/UCSD
Site Material – Antarctic

Arctic Plans

Atlantic – (North – Initial Program)

(Northeast)

(Northwest)

(South) 1980-81 Sites

(SW)

2.3

2.3 (417, 418)

3 & 4

3 & 4 Sites

5 & 6

7 & 8

13

“Old” Atlantic Planning

Bering Sea-Alaska

Blake-Bahama
Site Material - Blake-Bahama Site Survey

Caribbean

Caribbean Sites

Digicon Survey

Drilling Sites – 1966

Galapagos

Japan Area

Japanese Marine Geology Maps (cont.)

JOIDES: Site Recommendations

Kurile-ok Hotsk

USSR Data

Mediterranean

Non-US Site Survey

Norwegian Sea

Pacific 4, 5

Pacific 5, 6

Pacific Surveys (SCAN)

“Old Pacific Planning

Peru-Chile

Preliminary Plans

Proposed Drilling Sites
Site Proposal – Chevron

Laughton

Leg 23

Site Proposals

Site Reports – Legs 15-27

Legs 28-44

Legs 45-69

Legs 70-82

Site Summary File Format

Site Survey Materials at DSDP

Site Survey Proposals

1979

1980

Site Surveys – IPOD Data Bank Catalog

Navigation Index Maps

South Philippine Sea

Tonga, New Hebrides

“Vema” Piston Cores

Special Drilling Project 1979-1981

Special Geochemical Legs 1979-1981
Survey of Academic Marine Scientists (by FFAMS)

Symposia/Talks – AAAS – Boston – 1969

AAPG – Anaheim – 1973

Calgary – 1970

Denver – 1972

Houston – 1971

AAPG – SEPM – 1979

AGU (Misc.)

San Francisco – 1971

Warrenton, VA – 1973

Washington, DC – 1971

1972

1973

Caribbean Geological Congress – 1971

Case Western Reserve Symposium – 1970

CUCAR – Miami – 1971

CIESM – Athens, Greece – 1972

EGS – Zurich – 1973

Ewing (Maurice) Symposium

GCAGS – Houston – 1973

GSA – Dallas – 1973

Hawaii – 1972

Seattle – 1977

Washington, DC – 1971

IIE - SIO – 1973

International Congress on Sedimentology


International Workshop – Hawaii – Montreal – 1971

IPOD Colloquium (FRG) – 1978

Island Marine Labs – Mayaguez, PR – 1973

IUGG – Moscow – 1971

Joint Oceanographic Assembly – Tokyo – 1970

Latin American Geological Congress – 1979

Lisbon Trip – 1970

Marine Geology Symposium – 1978

NASA – Goddard – 1972

Offshore Technology Conference – Houston - 1971

Pacific Science Talk – Australia – 1971

Penrose Conference – 1972

1977
86 Symposia/Talks - Royal Society of London Symposium – 1977

San Diego Math/Science Teachers – 1970
San Dieguito High – 1973
SEG – Bakersfield – 1970
Houston – 1971
Mexico City – 1973
SEPM – New Orleans – 1971
Skyland Conference – 1971
Summary Symposium – 1979
UMC Symposium – Madrid
USGS (NCER) – Menlo Park – 1972
WHOI Seminar on Caribbean – 1970

Tahiti
Weather
White’s Office
Addenda – 1968-1981

87 Chief Scientist’s Office Chronological File – Jan-April 1977

May-Oct 1977
Nov-Dec 1977
Jan-July 1978
Aug-Dec 1978
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>87</td>
<td>Chief Scientist’s Office Chronological File - Jan-June 1979</td>
</tr>
<tr>
<td></td>
<td>July-Dec 1979</td>
</tr>
<tr>
<td>88</td>
<td>Jan-June 1980</td>
</tr>
<tr>
<td></td>
<td>July-Dec 1980</td>
</tr>
<tr>
<td></td>
<td>Jan-June 1981</td>
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<td>July-Dec 1981</td>
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<td>Jan-Dec 1983</td>
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<td>Jan-Dec 1984</td>
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<td></td>
<td>Jan-Dec 1985</td>
</tr>
<tr>
<td></td>
<td>Jan-Dec 1986</td>
</tr>
<tr>
<td>89</td>
<td>Miscellaneous Documents Sent to Participants</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous Documents Sent to Participants</td>
</tr>
<tr>
<td></td>
<td>Costs for Cruise Participants</td>
</tr>
<tr>
<td></td>
<td>Challenger – Operating in the Sea of Okhotsk</td>
</tr>
<tr>
<td></td>
<td>Weather Manual</td>
</tr>
<tr>
<td></td>
<td>Preliminary Coastal Plan – 1975</td>
</tr>
</tbody>
</table>

| 90  | OFFICE OF THE STAFF AND CHIEF SCIENTIST (EDGAR); OFFICE OF THE STAFF GEOLOGIST (GEALY) SERIES |

Eight Chronological files - May 1968-Dec 1976: these files contain outgoing correspondence primarily from N. T. Edgar, with some early correspondence by E. L. Gealy. There are a few MNAP Chronological Files scattered throughout. The last file contains David G. Moore’s 1976 Chronological Files (Moore replaced Edgar as chief scientist).
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>91</td>
<td>SAFETY REVIEWS SERIES (cont.)</td>
</tr>
<tr>
<td></td>
<td>Safety Reviews – 1968-March 1970</td>
</tr>
<tr>
<td></td>
<td>April-Dec 1970</td>
</tr>
<tr>
<td></td>
<td>Gulf of Mexico – Phase II</td>
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<tr>
<td></td>
<td>Jan-April 1971</td>
</tr>
<tr>
<td></td>
<td>May-Aug 1971</td>
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<tr>
<td></td>
<td>Sept-Dec 1971</td>
</tr>
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<td></td>
<td>January 1972</td>
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<td>Feb-May 1972</td>
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<td>June 1972</td>
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<td>July-Oct 1972</td>
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<td>Nov-Dec 1972</td>
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<td>January 1973 (1 of 2)</td>
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<td>(2 of 2)</td>
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<td>February 1973</td>
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<td>March 1973 (1 of 2)</td>
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<td>(2 of 2)</td>
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<td>June 1973</td>
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<td>July-August 1973</td>
</tr>
<tr>
<td>92</td>
<td>Sept-Dec 1973</td>
</tr>
<tr>
<td></td>
<td>January 1974 (1 of 2)</td>
</tr>
</tbody>
</table>
SAFETY REVIEWS SERIES (cont.)

92  Safety Reviews – January 1974 (2 of 2)

    February 1974
    March 1974
    April 1974
    May-June 1974
    July 1974 (1 of 2)
    (2 of 2)
    August 1974 (cont.)
    September 1974
    October 1974
    Nov-Dec 1974
    Legs 40, 41, 42 Data
    Leg 42 Data

93  January 1975
    Feb-March 1975
    April 1975
    Leg 43 Data
    May 1975
    June-Dec 1975
    January 1976 (1 of 2)
    (2 of 2)
SAFETY REVIEWS SERIES (cont.)

93  Safety Reviews – February 1976 (1 of 2)

(2 of 2)

March-April 1976
May 1976
June 1976
July 1976
Aug-Oct 1976
Nov-Dec 1976

94  January 1977
Feb-March 1977
April 1977 (1 of 2)
(2 of 2)
May 1977 (1 of 2)
(2 of 2)
June 1977
July-Sept 1977
October 1977 (1 of 2)
(2 of 2)
Nov-Dec 1977
Jan-March 1978
April 1978
SAFETY REVIEWS SERIES (cont.)

94  Safety Reviews –May-June 1978
    July 1978 (1 of 3)
        (2 of 3)
        (3 of 3)

95  August 1978
    Sept-Dec 1978
    January 1979
    February 1979
    March 1979
    April 1979
    May-July 1979
    August 1979
    September 1979
    Oct-Nov 1979
    December 1979
    Jan-March 1980
    April 1980
    May-Aug 1980
    Sept-Dec 1980
    Jan-Feb 1981
    March 1981 (1 of 4)
SAFETY REVIEWS SERIES (cont.)

95  Safety Reviews – March 1981 (2 of 4)

96  (3 of 4)

(4 of 4)

April-May 1981
June-Sept 1981
October 1981
Nov-Dec 1981
January 1982 (1 of 2)

(2 of 2)

Feb-March 1982
April 1982 (1 of 2)

(2 of 2)

May-June 1982
July 1982
August 1982
September 1982
October 1982
November 1982

97  December 1982
January 1983 (1 of 2)

(2 of 2)
SAFETY REVIEWS SERIES (cont.)

97  Safety Reviews – February 1983

   March-April 1983
   April 1983
   May 1983
   June-Oct 1983

   JOIDES Safety Panel

   Miscellaneous Correspondence – Safety Panel (1970-1971)
      (1972-1973)
      (1974-1975)
      (1976-1977)

   Safety Panel Correspondence – 1978
      1979
      1980

   Safety – Hydrocarbon Monitor

   Safety Reviews – Leg 70
      Leg 71 & 72
      Leg 74
      Leg 92 & NJ Sites

LEG FILES SERIES

98  Leg 1 – April-June 1988

   July-Oct 1968
LEG FILES SERIES (cont.)

98  Leg 1 – Nov 1968-March 1971

Leg 2 – 1968

1969

1970

Summary Notes – T. Edgar

X-Ray Results

Site Data

Site 7, Site 8, & *A

Site 9

Site 10

Site 11

Site 12 & 13

Leg 3 – 1968-1971

Leg 4 – 1968-1972

Leg 5 – 1968-1971

Leg 6 – 1969

1970-1973

Leg 7 – 1969-1976

Leg 8 – 1969-1972

99  Leg 9 – 1968-1973

Leg 10 – 1969-1973
BOX   FOLDER TITLE

LEG FILES SERIES (cont.)

99   Leg 11 – 1969-1972 (1 of 2)

   (2 of 2)

Leg 12 – 1969-1972

   Canadian Mission – United Nations

Leg 13 - 1969-1972 (1 of 3)

   (2 of 3)

   (3 of 3)

Leg 14 – 1970-1973 (1 of 2)

   (2 of 2)

Leg 15 – 1970 (1 of 12)

   1970 (2 of 12)

   Jan-Feb 1971 (3 of 12)

   March-May 1971 (4 of 12)

   June-Dec 1971 (5 of 12)

100   Jan-Dec 1972 (6 of 12)

   Jan-March 1973 (7 of 12)

   April 1973-May 1974 (8 of 12)

   Rare Earth Studies (9 of 12)

   Nodule (10 of 12)

   Miscellaneous (11 of 12)

   Notebook (12 of 12)
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

100  Leg 16 – 1970-1971 (1 of 3)
      (2 of 3)
      (3 of 3)
Legs 17 – 1970-1971 (1 of 2)
      (2 of 2)
Leg 18 – 1971 (1 of 2)
      1971-1973 (2 of 2)
Leg 19 – 1970-1971 (1 of 4)
      May 1970-Sept 1971 (2 of 4)
      UCI 1971-Aug 1973 (3 of 4)
      Miscellaneous (4 of 4)

101  Leg 20 – 1971 (1 of 2)
      1972-1974 (2 of 2)
Leg 21 – 1971-1972 (1 of 2)
      1970-1973 (2 of 2)
Leg 22 – 1971-1972 (1 of 2)
      1970-1973 (2 of 2)
Leg 23 – 1972 (1 of 7)
      1970-Jan 1972 (2 of 7)
      Feb-May 1972 (3 of 7)
      June 1972-March 1973 (4 of 7)
101  Leg 23 – April 1973-Nov 1974 (5 of 7)

   Miscellaneous (6 of 7)

   Miscellaneous (7 of 7)

Leg 24 – 1972 (1 of 3)

   1970-Jan 1972 (2 of 3)

   1973-Feb 1978 (3 of 3)

Leg 25 – 1972 (1 of 3)

   1972 (2 of 3)

   1973-May 1974 (3 of 3)

102  Leg 26 – 1972 (1 of 2)

   1972-1974 (2 of 2)

Leg 27 – 1972 (1 of 3)

   Nov 1971-March 1973 (2 of 3)

   April 1973-Feb 1976 (3 of 3)

Leg 28 – 1972 (1 of 3)

   Jan-Oct 1972 (2 of 3)

   Nov 1972-Aug 1975 (3 of 3)

Leg 29 – 1973 (1 of 2)

   1972-1975 (2 of 2)

Leg 30 – 1973 (1 of 2)

   1972-1976 (2 of 2)
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

102  Leg 31 – 1973 (1 of 2)
     1972-1986 (2 of 2)
Leg 32 – 1972-1975
Leg 33 – Jan-Sept 1973 (1 of 3)
     Oct 1973-1975 (2 of 3)
     Miscellaneous (3 of 3)

103  Leg 34 – 1972-1973 (1 of 2)
     1974-1975 (2 of 2)
Leg 35 – 1973-1974 (1 of 5)
     June 1972-Sept 1973 (2 of 5)
     Oct 1973-Jan 1974 (3 of 5)
     Feb 1974-Aug 1974 (4 of 5)
     Sept 1974-Jan 1976 (5 of 5)
Leg 36 – 1974 (1 of 2)
     1972-1976 (2 of 2)
Leg 37 – 1974 (1 of 8)
     Jan 1972-Sept 1973 (2 of 8)
     Oct-Dec 1973 (3 of 8)
     Jan-March 1974 (4 of 8)
Leg 38 – 1974 (1 of 4)
     March 1972 – June 1974 (2 of 4)
BOX   FOLDER TITLE

LEG FILES SERIES (cont.)

103   Leg 38 – July-Sept 1974 (3 of 4)
      Oct 1974-Jan 1979 (4 of 4)

104   Leg 39 – 1974 (1 of 4)
      Sept 1972-Dec 1974 (2 of 4)
      Jan 1975-Dec 1976 (3 of 4)
      Report (4 of 4)

Leg 40 – 1974-1975 (1 of 5)
      1972-July 1974 (2 of 5)
      Aug-Sept 1974 (3 of 5)
      Oct-Dec 1974 (4 of 5)
      Jan 1975-April 1979 (5 of 5)

Leg 41 – 1974-1975 (1 of 4)
      April 1973-Dec 1974 (2 of 4)
      Jan-April 1975 (3 of 4)
      May 1975-April 1977 (4 of 4)

Leg 42 – 1975 (1 of 7)
      Dec 1972-Jan 1974 (2 of 7)
      Feb-May 1974 (3 of 7)
      June 1974-Feb 1975 (4 of 7)
      March-April 1975 (5 of 7)
      May-Sept 1975 (6 of 7)
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

104  Leg 42 – Oct 1975-Jan 1978 (7 of 7)

Leg 43 – 1975 (1 of 3)

   Nov 1974-June 1975 (2 of 3)

   July 1975 – Sept 1976 (3 of 3)

105  Leg 44 – 1975 (1 of 5)

   Jan-April 1975 (2 of 5)

   May-Aug 1975 (3 of 5)

   September 1975 (4 of 5)

   Oct 1975-Dec 1976 (5 of 5)

Leg 45 – 1975 (1 of 4)

   Sept 1975-April 1977 (2 of 4)

   Notebook (3 of 4)

   Notebook (4 of 4)

Leg 46 – 1975 (1 of 2)

   Jan 1976-Aug 1977 (2 of 2)

Leg 47 – 1976 (1 of 5)

   Sept 1975-March 1976 (2 of 5)

   April-Dec 1976 (3 of 5)

   Feb 1977-June 1980 (4 of 5)

   Notebook (5 of 5)

Leg 47/48 – Port Activity Schedule
106

Leg 48 – 1976 (1 of 5)

Oct 1975-March 1976 (2 of 5)
April-Aug 1976 (3 of 5)
Sept 1976 (4 of 5)
Oct 1976-Oct 1979 (5 of 5)

Leg 49 – 1976 (1 of 6)

Oct 1975-May 1976 (2 of 6)
June-Aug 1976 (3 of 6)
Sept 1976-Oct 1978 (4 of 6)
Notebook (5 of 6)
Notebook (6 of 6)

Leg 50 – 1976 (1 of 6)

March-July 1976 (2 of 6)
August 1976 (3 of 6)
Sept 1978-June 1980 (4 of 6)
Sample Programs (5 of 6)
Notebook (6 of 6)

Leg 51 – 1976 (1 of 5)

April-Sept 1976 (2 of 5)
October 1976 (3 of 5)
Nov 1976 – June 1980 (4 of 5)
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>Leg 51 – Notebook (5 of 5)</td>
</tr>
</tbody>
</table>
| 107 | Leg 52 – 1977 (1 of 3)  
      |   Feb 1975-Dec 1976 (2 of 3)  
      |   Jan 1977-June 1980 (3 of 3)  
|     | Leg 53 – 1977 (1 of 4)  
      |   Oct 1976 – May 1978 (2 of 4)  
      |   Notebook (3 of 4)  
      |   Sample Programs (4 of 4)  
|     | Leg 54 – 1977 (1 of 5)  
      |   June 1976-April 1977 (2 of 5)  
      |   May-Dec 1977 (3 of 5)  
      |   Jan 1978-June 1980 (4 of 5)  
      |   “Science” Reprint Requests (5 of 5)  
|     | Leg 55 – 1977 (1 of 3)  
      |   May 1976-July 1977 (2 of 3)  
      |   Sept 1977-March 1980 (3 of 3)  
|     | Leg 56 – 1977 (1 of 3)  
      |   Sept 1977-Dec 1980 (3 of 3)  
|     | Leg 57 – 1977 (1 of 5)  
      |   April-Sept 1977 (2 of 5)  |
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

107  Leg 57 – Oct 1977-Nov 1980 (3 of 5)
     General Geol. Information (4 of 5)
     Notebook (5 of 5)

108  Leg 58 – 1977 (1 of 4)
     June-Dec 1977 (2 of 4)
     Jan 1978-June 1980 (3 of 4)
     General Geol. Information (4 of 4)

Leg 59 – 1978 (1 of 4)
     April 1977-March 1978 (2 of 4)
     Technical Reports - Equipment Status (3 of 4)
     Notebook (4 of 4)

Leg 60 – 1978 (1 of 3)
     April 1977 – March 1978 (2 of 3)
     April 1978-Sept 1980 (3 of 3)

Leg 61 – 1978 (1 of 4)
     Aug 1977-May 1978 (2 of 4)
     June 1978 – Nov 1980 (3 of 4)
     Notebook (4 of 4)

Leg 62 – 1978 (1 of 4)
     March 1976 – Nov 1978 (2 of 4)
     Feb 1979-Jan 1982 (3 of 4)
108  Leg 62 – Sample Program (4 of 4)

Leg 63 – 1978 (1 of 6)

   Dec 1977 – Dec 1978 (2 of 6)
   Jan 1979-Oct 1981 (3 of 6)

109  Sample Program (4 of 6)

General Geological Information (5 of 6)

Notebook (6 of 6)

Leg 64 – 1978 (1 of 7)

   Dec 1977 – Nov 1978 (2 of 7)
   Dec 1978 – Feb 1979 (3 of 7)
   March – Dec 1979 (4 of 7)
   Jan 1980-April 1982 (5 of 7)
   Sample Program (6 of 7)
   General Geological Information (7 of 7)

Leg 65 – 1978 (1 of 5)

   Dec 1977 – Dec 1978 (2 of 5)
   Jan 1979-Jan 1983 (3 of 5)
   Sample Program (4 of 5)
   General Geological Information (5 of 5)

Leg 66 – 1979 (1 of 6)

   Feb 1979-March 1979 (2 of 6)
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

109  Leg 66 – April 1979 – Jan 1981 (3 of 6)

       Sample Program (4 of 6)
       General Geological Information (5 of 6)
       Notebook (6 of 6)

110  Leg 67 – 1979 (1 of 6)

       Feb 1978 – March 1979 (2 of 6)
       April 1979 – March 1980 (3 of 6)
       April 1980 – Feb 1983 (4 of 6)
       Sample Program (5 of 6)
       General Geological Information (6 of 6)

110  Leg 68 – 1979 (1 of 6)

       Nov 1977 – June 1979 (2 of 6)
       July-Nov 1979 (3 of 6)
       Dec 1979-July 1980 (4 of 6)
       Aug 1980 – June 1982 (5 of 6)
       Notebook (6 of 6)

   Leg 69 – (1 of 5)

       Feb 1978 – July 1979 (2 of 5)
       Aug 1979 – Dec 1982 (3 of 5)
       Sample Program (4 of 5)
       Notebook (5 of 5)
LEG FILES SERIES (cont.)

110  Leg 70 – (1 of 3)
      June 1979-April 1980 (2 of 3)
      May 1980 – Jan 1983 (3 of 3)

Leg 71 - (1 of 3)
      Sept 1979-May 1981 (2 of 3)
      Notebook (3 of 3)

111  Leg 72 – (1 of 4)
      May 1979 – Feb 1981 (2 of 4)
      March 1981 – May 1983 (3 of 4)
      Sample Requests (4 of 4)

Leg 73 – (1 of 5)
      Jan 1979 – May 1980 (2 of 5)
      June 1980 – March 1983 (3 of 5)
      Sample Requests (4 of 5)
      Notebook (5 of 5)

Leg 74 – (1 of 6)
      Feb 1979 – April 1980 (2 of 6)
      May 1980 – May 1981 (3 of 6)
      June 1981 – May 1983 (4 of 6)
      Sample Requests (5 of 6)
      Notebook (6 of 6)
BOX   FOLDER TITLE

LEG FILES SERIES (cont.)

111  Leg 75 – (1 of 4)

   Feb 1979 – Aug 1980 (2 of 4)

   Sept 1980 – Sept 1983 (3 of 4)

   Sample Requests (4 of 4)

Leg 76 – (1 of 7)

   Jan-May 1980 (2 of 7)

   June-Nov 1980 (3 of 7)

   Dec 1980 – May 1981 (4 of 7)

   June 1981 – Jan 1984 (5 of 7)

112  Sample Requests (6 of 7)

   Notebook (7 of 7)

Leg 77 – (1 of 7)

   Feb-July 1980 (2 of 7)

   Aug-Sept 1980 (3 of 7)


   April 1981 – June 1982 (5 of 7)

   July 1982 – Sept 1983 (6 of 7)

   Sample of Requests (7 of 7)

Leg 78 – (1 of 6)

   Jan-Oct 1980 (2 of 6)

   Nov 1980 – Jan 1981 (3 of 6)
LEG FILES SERIES (cont.)

112  Leg 78 – Feb-Oct 1981 (4 of 6)
     Nov 1981-Nov 1983 (5 of 6)
     Sample Requests (6 of 6)

Leg 79 – (1 of 5)
     Sept 1979 – Dec 1980 (2 of 5)
     Jan-June 1981 (3 of 5)
     July 1981 – May 1983 (4 of 5)
     Sample Requests (5 of 5)

Leg 80 – (1 of 6)
     April 1980 – Feb 1981 (2 of 6)
     March 1981 – Jan 1983 (3 of 6)

113  Technical Reports (4 of 6)
     Sample Requests (5 of 6)
     Notebook (6 of 6)

Leg 81 – (1 of 5)
     April 1980 – May 1981 (2 of 5)
     June 1981 – Aug 1984 (3 of 5)
     Sample Requests (4 of 5)
     Notebook (5 of 5)

Leg 82 – (1 of 5)
     April – Nov 1981 (2 of 5)
BOX FOLDER TITLE

LEG FILES SERIES (cont.)

113 Leg 82 – Dec 1981 – Aug 1983 (3 of 5)
   Sample Requests (4 of 5)
   Notebook (5 of 5)

Leg 83 – (1 of 5)
   April – Nov 1981 (2 of 5)
   Dec 1981 - Aug 1983 (3 of 5)
   Sample Requests (4 of 5)
   Notebook (5 of 5)

Leg 84 – (1 of 7)
   July-Oct 1981 (2 of 7)
   Nov 1981 0 Jan 1982 (3 of 7)
   Feb 1982 – Sept 1983 (4 of 7)
   Technical Reports (5 of 7)
   Sample Requests (6 of 7)
   Notebook (7 of 7)

114 Leg 85 – (1 of 4)
   Sept 1980 – Aug 1982 (2 of 4)
   Sept 1982 – Jan 1984 (3 of 4)
   Sample Requests (4 of 4)

Leg 86 – (1 of 5)
   May 1981 – Oct 1982 (2 of 5)
LEG FILES SERIES (cont.)

Leg 86 – Nov 1982 – Feb 1984 (3 of 5)

Sample Requests (4 of 5)

Notebooks (5 of 5)

Leg 87 – (1 of 6)

April 1981 – March 1982 (2 of 6)

April-Oct 1982 (3 of 6)

Nov 1982 – Dec 1983 (4 of 6)

Sample Requests (5 of 6)

Notebook (6 of 6)

Leg 88 – (1 of 5)

April 1980 – Oct 1981 (2 of 5)

Jan – July 1982 (3 of 5)

Aug 1982 – Feb 1984 (4 of 5)

Sample Requests (5 of 5)

Leg 89 – (1 of 3)

Jan 1982 – March 1984 (2 of 3)

Sample Requests (3 of 3)

Leg 90 – (1 of 4)

July – Aug 1982 (2 of 4)

Sept 1982 – Feb 1986 (3 of 4)

Sample Requests (4 of 4)
LEG FILES SERIES (cont.)

115  Leg 91 – (1 of 5)

   Aug – Dec 1982 (2 of 5)

   Jan 1983 – Feb 1984 (3 of 5)

   March 1984 – Aug 1986 (4 of 5)

   Sample Requests (5 of 5)

Leg 92 – (1 of 4)

   Dec 1981 – Aug 1982 (2 of 4)

   Sept 1982 – Feb 1984 (3 of 4)

   Sample Requests (4 of 4)

Leg 93 – (1 of 4)

   Dec 1982 – July 1983 (2 of 4)

   Aug 1983-Nov 1985 (3 of 4)

   Sample Requests (4 of 4)

Leg 94 – (1 of 3)

   Feb 1983 – April 1985 (2 of 3)

   Sample Requests (3 of 3)

Leg 95 – (1 of 6)

   May 1981 – May 1983 (2 of 6)

   June 1983 (3 of 6)

   July 1983 – Jan 1984 (4 of 6)

   Feb-July 1984 (5 of 6)
BOX  FOLDER TITLE

LEG FILES SERIES (cont.)

115  Leg 95 – Sample Requests (6 of 6)

116  Leg 96 – (1 of 5)

  Dec 1981 – Nov 1982 (2 of 5)
  Jan – June 1983 (3 of 5)
  July 1983 – June 1984 (4 of 5)
  Sample Requests (5 of 5)

Miscellaneous – 1968 – 1986

Leg 4 – PDR Log

Leg 5 – Underway Watch Log

Leg 7 – Geophysical Log

Leg 20 – Sat NAV Log

Leg 25 – Operations Log

Leg 28 – Operations Log

Leg 30 – Operations Log (1 of 2)

(2 of 2)

Leg 31 – Technical Report

  Operations Log (1 of 2)

(2 of 2)

Leg 32 – Log of Daily Events

  Operations Log

Leg 33 – Important Events from Daily Reports
117  Leg 34 – Important Events from Daily Reports
    Operations Log

Leg 35 – Important Events from Daily Reports
    Site Data (Edgar)
    Operations Log (1 of 2)
        (2 of 2)

Leg 36 – Important Events from Daily Reports
    Operations Log (1 of 2)
        (2 of 2)

Leg 37 – Operations Log

ET Reports – Leg 39-84 (1 of 2)
    (2 of 2)

Leg 58 – ORI (Japan) Seismic Survey (1 of 2)
    (2 of 2)

Leg 64 – (First HPC)

Leg 65

Leg 70

Legs 71-78 – GSA Articles

Leg 85

Leg 90

Leg 91 – MSS Operational Procedures
BOX   FOLDER TITLE

LEG FILES SERIES (cont.)

117   Leg 92 – Messages

Forms USFD Aboard “Challenger” (i.e., Lab, Inventory, SAT NAV, etc.)

WWD/WNCU MESSAGES SERIES

118   Glomar Challenger (WNCU)/DSDP (WWD) Daily Messages – Legs 1-8
   (Including Acceptance Trials)

119   Legs 9-19

120   Legs 20-28

121   Legs 29-36

122   Legs 37-43

123   Legs 44-49

124   Legs 50-54

125   Legs 55-60

126   Legs 61-65

127   Legs 66-70

128   Legs 71-77

129   Legs 78-84

130   Legs 85-91

131   Legs 92-96

OFFICE OF OPERATIONS AND ENGINEERING SERIES

132   Batelle

Budgets – 1982-1983 Operations

1977-1979 Engineering Budget
Consultants
Cruise Operations Managers
Drilling Vessels
Drilling Vessels
Drilling Vessels
Glomar Explorer
Glomar Explorer
Engineering Services (GMI)
Environmental Impact
History
Consultant Study – IPOD
IPOD Correspondence
IPOD Proposal
IPOD Engineering
Kuster Company
Logistics
Long Range Plans
Metric Conversion
Military Specifications
Patents
133  Photographs

Regulations Drilling
San Diego Energy Forum
Sediment Data Reports
Semi-Submersible Drilling Vessel
Soil Mechanics
Soil Mechanics
Soil Mechanics
Soil Mechanics
Technical Panel
Technical Panel Meetings
Industrial Technical Panel

Correspondence - Riser

134  Glomar Challenger “Deck Logs” – Legs 1-24 (sans legs 4,6,7 (Note: Deck logs for 4,6, and 7 were found in 1987)

135  Legs 25-46

136  Legs 47-65

137  Legs 66-87
OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

138  Glomar Challenger “Deck Logs” – Legs 88-96

139  Glomar Challenger “Engine Room Logs” (DSDP started receiving copies of the Engine Room Logs from Global Marine, Inc. commencing with Leg 44) - Legs 44-55

140  Glomar Challenger “Engine Room Logs” - Legs 56-67

141  Legs 68-78

142  Legs 79-91

143  Legs 92-96

144  Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- 6-5/8” F.H Modif. Conn. (Bore Back)

   Master List of Part Numbers (No contents in folder)
   Drawing Index
   R-0007-01 Wireline Core BB’L Ass’y
   Inner Barrel
   Outer Barrel (No contents)
   C-0627-00 DSDP Pipe and Drill Joint
   Drill Collar Specs
   Outer Barrel (No contents)
   W-0628-00 Head Sub
   WL-3 Bit Sub (Standard)
   C-0630-01 Bit Sub (For Baker Float Valve)
   WL-23 Conversion Sub
   C-0630-00 Top Sub
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- WL-17

Latch Sleeve (Single Drive) (No contents)

WL-40 Latch Sleeve (Double Drive)
WL-26 Stabilizer (Welded-On Wing)

0007-01 Wireline Core Barrel Ass’y

Inner Barrel

B-0508-00 Inner Barrel Thread
B-0111-00 Inner Barrel Swivel Ass’y
B-0458-00 Check Valve Assembly

WL-18 Inner Barrel Drilling Sub (Use with center bit)

C-0103-00 Lower Inner Barrel Sub

D-0103-00 Lower Inner Barrel Sub 11-7/16”

WL-20 8-1/8” Inner Barrel Sub

WL-21 15’ Inner Barrel

WL-22 12’ Inner Barrel

WL-27 Lower Spring Barrel Crossover Sub (Christensen)
WL-28 Upper Spring Barrel Crossover Sub (Christensen)

Plastic Core Tube Gauges

Core Liner Specs

0005-71 Center Bit

0008-71 DSDP Center Bit – Layout
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- 144Bit De-Plugger A-0044-72

D-0435-00 Drilling Joints (No contents)

Core Catchers/Core Catcher Subs (No contents)
WL-31 Improved Dog Type Core Catcher (No contents)

WL-34 Core Catcher Types A-G
WL-16 Core Catcher Sub (For tandem dog type CC)
WL-16 Core Catcher Sub (Hycalog) (No contents)
WL-38-02 Extended Core Catcher Sub
C-625-2 Modified Core Catcher Sub/Core Catcher
0052-00 Hard Formation Collet Core Catcher Parts
0053-00 Hard Formation Collet Core Catcher Sub-Splined
0054-00 Hard Formation Collet Core Catcher Sleeves
0055-00 Hard Formation Collet Core Catcher Collet Unsplined
0056-00 Hard Formation Collet Core Catcher Sub-Splined
B-0061-00 Hard Formation Slip Type CC-Dovetail Splines
C-0099-01 Hard Formation Slip Type Core Catcher (Dovetail Splines)
B-0126-00 Assembly – Slip Type Core Catcher
A-0067-01 Core Catcher Adapter with Spacer
Sinker Bar (No contents)
WL-35 Sinker Bar
WL-36 Sinker Bar (Twin Pin Sub)
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- 0033-72
McCullough Sinker Bar Turnbuckle

- DSDP Extended Inner Barrel (No Contents)
- SB-01 Spring BBL- Latch Layout
- SB-1 Hex Shaft
- SB-2 Cylinder
- SB-3 Hex Ring
- DSDP Core BBL Latch (Double Drive)
- SB-4 Latch Body (No Contents)
- Pulling Neck
- Latch Dog
- Shifting Pin
- Pivot Pin
- Compression Spring
- Torsion Spring
- DSDP Core Barrel Latch Layout
- Ball Check Valve Asbly
- 0003-71 Adapter Sub
- SB-12 Spring Plug
- 0002-71 Double Drive Extended Core Barrel – Layout
- Hycalog Core Barrel Latch (Single Drive)
- WL-7 Pull Bar (For OTIS Overshot)
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- A-0064-00

Inner Barrel Pulling Neck

WL-8 Spring Pin
WL-10 Latch Dog
WL-12 Latch Body
WL-13 Pull Bar Pin
D-0236-01 Hycalog Core Barrel Latch – Layout
WL-15 Latch Spring (No contents)
WL-24 Pope Plug
WL-25 Shoulder Bolt
Ball Check Valve Assembly
0014-72 Adapter-ball CK Retainer Ther. Pressure Case
Bearing Assembly (No Contents)
WL-1 Bearing Shaft
D-0104-00 Bearing Shaft
A-0105-00 Bearing Shaft Bushing
0030-72 Adapter (For Eastman Survey Tool)
Support Housing D-0048-72
B-0047-72 Inner Race & Bushing
Baker Float Valve
B-0150-00 Body Shroud
C-647-3B Flapper Valve
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- B-647-4
Hinge Pin & Torsion Spring

C-0151-00 Body

B-647-1 Assembly

Bottom Hole Assembly (No contents)

BHA-01 Typical Bottom Hole Assembly

Wireline Tools (No contents)

WL-6 Overshot Line Socket

WL-32 Adaption of Otis Pulling Tool (No contents)

WL-39 Rope Socket

WL-41 Otis Pulling Tool Cylinder

Test Equipment (No Contents)

A-0279-00 Gearhart-Owen Cable Head Guard “End Cap”

B-0280-00 Gearhart-Owen Cable Head Guard “Body” (Long)

B-0281-00 Gearhart-Owen Cable Head Guard Body (Short)

B-0282-00 Cable Head Guard Assembly

A-0283-00 Backling Bar for Larson’s Sleeve Type Core Catcher (No contents)

A-0284-00 Nose for Larson’s Sleeve Type Core Catcher (No contents)

A-0291-00 Gearhart-Owen Cablehead Guard Set Screw

B-0318-00 Wireline Guide

B-0320-00 Inner Barrel Sub 3-1/16” Shoulder-Shoulder

Global Marine Power Sub & Traveling Unit

Piccolo

Deck House Arrangement - Boat Deck

Bridge Deck

A-Frame/Service Winch

Deck House Arrangement - Main Deck

Poop Deck

Superstructure Deck (No contents)

General Arrangement/FOCSLE DK, POOP DK, BOAT DK, Superstructure DK, Bridge DK/Levingston Shipbuilding Co. (No contents)

General Arrangement/MAI, TWEEN, & Tank Top DKS/Levingston Shipbuilding

Challenger Drawings

Brown & Root (Re-entry Phase)

Refrigerated Van Box

GM Defense Research Lab (No contents)

Levingston Shipbuilding Co. (No contents)

Acoustic Guidance Sonar

GMI Guide Shoe

A-Frame & Service Winch Arrangement/Glomar XI
Label on File Drawer: “Coring Equipment, Blue Line Prints, Index”--
Arrangements Above Main Deck

Arrangements Main Deck & Below

Boat Stowage

Casing and Landing Bases

Core Liners Storage in Sack Cargo Area

Drill Pope Racker Details

Hydrophone Lift Sequence (No Contents)

Hydrophone Tube Housing & Winch, Installation & Details (No contents)

Glomar XI/Interunit Cabling Propulsion & Positioning System

Laboratory Arrangement & Elevations - Superstructure Deck (No contents)

    Boat Deck

    Main Deck (No contents)

Deck House Arrangement – Bridge Superstructure Deck

    Poop Deck (No contents)

    Main Deck

Laboratory Arrangement – Casing Rack Level

    Casing Rack Level

    Main Deck Level

Marine Cable Handler Arrangement & Piping – Glomar XI

Locations & Details for Air Gun Davits
144 Label on File Drawer: “Coring Equipment, Blue Line Prints, Index” -- Outboard Profile with Fixed Derrick (No contents)

Radio Room – General Arrangement

General Arrangement

Re-entry Base

Shore Boat Launcher

Tubular Storage/Casing Rack & Hold.


XCB Obsolete Drawings (No Contents)

HPC Obsolete Drawings

PCB Obsolete (No contents)

Quality Control for Mod I PCB Parts/Obsolete

Obsolete PCB Paperwork

PCB – Old Material

Obsolete PCB Drawings

Extended Core Barrel Test Results

Piston Corer History

Obsolete PCB DWGS

Segments

C-Ring

Sleeve Retainer

- Go-Devil (No contents)
- V-Pack
- Angle Reducer
- Bit Disconnect
- O-Ring, Parbak & Polypac Spec List
- Tween DK Plating & Scantlings
- Core Barrel Assembly
- Martin Decker – Weight Ind.
- Mechanical Firing
- Flotation Assembly
- Regan Forge & Engineering Co.
- Cable Release
- A-Frame Assembly
- Duomatic Sequence of Operation (Elevators)
- Fathometer Transducer
- RSS #2 Bit
- Heat Flow Ball Latch
- Layout
- Absorber
- Body

- Steel Balls
- Plunger
- Compression Spring
- Retaining Ring
- Locking Rod for Sidewall Corer
- Spacer (Heat Flow)
- Washer (Heat Flow)
- Oriented Core Barrel
- Oriented Core Barrel Assembly
- Heat Flow Shock Absorbing System
- Extender Bushing (Heat Flow)
- Extender Modification (Heat Flow)
- Split Ring (Heat Flow)
- Tie Ring (Heat Flow)
- Compression Spring (Heat Flow)
- Lower Retainer (Heat Flow)
- Piston Corer
- Comb. Piston Corer Bottom Finder
- Comb. Piston Corer Bottom Finder
- Inner Barrel Sub
Label on File Drawer: “Mod II Press. C’Barrel/Hydraulic Bit Release” -- Piston Corer Lower Turnbuckle (No contents)

Piston Corer Top Turnbuckle (No contents)

Piston Corer Shear Pin Sub & Sinker Bar Box & Pin

Piston Corer – Core Barrel Clamp-off Sub (No contents)

Piston Corer – Spacer (No contents)

Piston Corer Ball Latch (No contents)

Piston Corer Sinker Bar (No contents)

Split Liner

Proposed Lynes Packer Blowout Prevention System

Proposed Pressure Core Barrel Mud. II (Hydrl Ball Valves) (No contents)

Proposed Bottom Finder

Proposed DSDP Bumper Sub 0001-71 (No contents)

Computer Programs

Shock Mount Assembly

Modification of Barrel For Downhole Temperature & Formation Fluid Sampler

Upper Retainer for Temp. Probe & Sampler

Lower Retainer for Temp. Probe & Sampler

Compression Spring for Temp Probe & Sampler (No contents)

Drill Bits

B-1 Center Bit Information (Hycalog, Williams, Christensen)

HF-01 Safety Release Assembly Layout

146 Label on File Drawer: “Pressure Core Barrel / Blue Line Prints” -- XCB Nugent (No Contents)

XCB/HPC Compatibility (No contents)

Bits (No Contents)

Cutting Shoe (No contents)

Latch (No contents)

XCB Spring Stroke (No contents)

Spacing (No contents)

XCB Tests (No contents)

XCB System Description P.R. Info (No contents)

Inventory (No contents)

Costs (No contents)

Budget

XCB Leg 84

HPC Paper (OTC)

Hydraulic Piston Corer – Leg 64

Leg 94

HPC – Leg 65 – TWX

Leg 66 – TWX
Label on File Drawer: “Pressure Core Barrel / Blue Line Prints” – HPC –

  Leg 67 – TWX
  Leg 68 – TWX
  Leg 69
  Leg 70 HPC
  Leg 71 HPC TWX
  HPC Leg 72 TWX
  Leg 94
  Design Mods.
  Scripps’ Piston Corer
  HPC-15 Slides/Info
  Triple Casing Reentry
  Drill in Casing (No contents)
  PCB III – Calculations
  PCB - Leg 42B
    Leg 43
    Leg 44
    Leg 44A
    Leg 47
    Leg 62 (No contents)
    Leg 64
Label on File Drawer: “Pressure Core Barrel / Blue Line Prints”— PCB –

Leg 66

Leg 67

Leg 72

Spacing

PCB - Reports

Larry Russell

Hydril Correspondence

Non-Destructive Testing

Internal Correspondence

Industry Correspondence

Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints”— Flow Thru Landing Tool Shaft

Re-entry Sonar Extender

Flow-Thru Latch Sleeve

D.O.T/AMFRON 2-Cone Procurement

Latch Ring

Extended Core Barrel (No contents)

D.O.T. 11-3/4 X16 CSG System (No contents)

Casing Hanger Assembly

CSG. HGR.

Casing Hanger Body
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” --
Transition Sub

- Latch Ring
- Transition Sub Fin
- Latch Retaining Ring
- Expansion Joint
- Barrel Assembly
- Barrel
- Barrel Insert
- Bottom Sub
- Mandrel
- Mandrel Head
- Packing Retainer
- Casing Hanger Assy.
- Latch Sleeve
- Body
- Transition Sub
- Shoulder Ring
- Latch Groove Ring
- Latch Ring
- Latch Retaining Ring
- Casing Landing Tool
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” -- Paddle Actuation

- Paddle
- Shaft
- Torsion Spring (No contents)
- SS Roll Pin (No contents)
- Casing Cementing Assembly/Running Tools
- Bottom Sleeve
- Hex Kelly
- Hex Landing Mandrel
- Hex Kelly Landing Tool Assembly
- Re-entry Guide Cone & Drilling Assembly
  - Upper Section
  - Lower Section Assembly (no contents)
- Lower Section
- Cone Mud Skirt
- Lower Cone Reinforcing Web
- Reinforcing web
- Transition Section
- Transition Section
- Landing Collar
- Discharge Line Lower Section
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” -- Discharge Line Connecting Collar

- Discharge Line Upper Section
- Passive Reflector
- Reflector Support Bracket
- Mud Skirt Extension
- Mud Skirt Stiffner
- Diverter Packoff Assembly
- 102042B Diverter Packoff Body (No contents)
- 102043A Packer Molding Ring (No contents)
- Drill Pipe Packer
- Bolt Ring
- Cone Packer Mold
- Thread Gauges (No contents)
- Modified Buttress
- Shoulder Ring Thd. Gage No. 168
- Obsolete
- Latch Ring Eye
- Casing Transition C-0335-00 (No contents)
- Assembly Procedure for Casing
- Casing Head
- Stabilizing Ring
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” -- Stabilizing Ring

Re-entry

Drawing Index (Re-entry)

Re-entry Materials

13-3/8 Casing Hanger Assembly

Re-entry Cone Release System Assembly

Explosive Shear Bolt

Hanger Rushing (No contents)

J-Slot Casing Hanger

Release Sub

Index Sleeve

Hinge Pin Detail

Torsion Spring

Stop Bolt

Spring Catch

Stop Washer

Bolt and Cam Sleeve

Re-Entry Assembly

Index Sub

Paddle Detail

Casing Hanger Assembly
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” -- Shifting sleeve

Stop Bolt Sleeve
Stop Bolt Assembly
Casing Hanger Detail (No contents)
Layout-Latch Dog and Paddle
Conical Re-entry Base/Mathews Steel (No contents)
Conical Re-entry Base (Matthews)
Guide Base Latch Inst.
Guide Base Latch
Latch Rod
Latch Spring
Latch Spring Retainer
Sheet No. 1 - Cone – Lower Section
Sheet No. 2 – Cone – Upper Section
Sheet No. 3 – Details – Misc.
Core-Guide Base Re-Entry
Rotary Modified Shifting Tool (No contents)
Modified Rotary Shifting Tool Body
Shifting Dog
Baker Shifting Tool (No contents)
Baker Shifting Tool Assembly (No contents)
Label on File Drawer: “STD, Re-entry/D.O. Dual Casing/Blue Line Prints” -- Drag Block Sleeve

Drag Block Retainer Tab Ring

Layout (Baker) Jet Sub Shifting Tool

Key

Retractor

Retainer

Shifting Dogs

Baker Bore Plugger (No contents)

Bore Plugger Parts

Upper Test Sub

Jet Sub Housing

Jet Sub Layout (No contents)

Jet Sub Index Sub

Jet Sub (No contents)

Miscellaneous

Re-entry Manual – Robson-operations

Ship’s Hours

Miscellaneous

Budget Book – Operations and Engineering (1 of 2)

(2 of 2)

DSDP – Conversion Table – Meters to Feet
OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

147  DSDP Coring Manual (1 of 2)
     (2 of 2)
     Re-entry Manual
     Inner Barrel – DSDP Coring Manual (1 of 2)
     (2 of 2)
     Larson, V.F. – Outgoing Correspondence – 1978
     Incoming Correspondence – 1978
     Outgoing Correspondence – 1977
     Incoming Correspondence – 1977
     Outgoing Correspondence - 1976
     Incoming Correspondence – 1976

148  Larson, V.F. – Incoming Correspondence – 1975
     Outgoing Correspondence – 1975
     Incoming Correspondence – 1974
     Outgoing Correspondence – 1974
     Incoming Correspondence – 1973
     Outgoing Correspondence – 1973
     Incoming Correspondence – 1972
     Outgoing Correspondence – 1972
     Incoming Correspondence – 1971
     Outgoing Correspondence – 1971
     Incoming Correspondence – 1970
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Porter, Paul – Correspondence – 1973</td>
</tr>
<tr>
<td></td>
<td>1974</td>
</tr>
<tr>
<td></td>
<td>1975</td>
</tr>
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<td>1976</td>
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<td>1977</td>
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<td></td>
<td>1977-1978</td>
</tr>
<tr>
<td></td>
<td>Thompson, Pat – Correspondence – 1975</td>
</tr>
<tr>
<td></td>
<td>1970-1974</td>
</tr>
<tr>
<td></td>
<td>1977</td>
</tr>
<tr>
<td></td>
<td>1976</td>
</tr>
<tr>
<td>149</td>
<td>Serocki, S.T. – Correspondence – 1973</td>
</tr>
<tr>
<td></td>
<td>1974</td>
</tr>
<tr>
<td></td>
<td>1975</td>
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<td>1976</td>
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<td></td>
<td>1977</td>
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<td></td>
<td>Storms, Mike – Correspondence – 1972-1971</td>
</tr>
<tr>
<td></td>
<td>1973</td>
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<td></td>
<td>1974</td>
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<tr>
<td></td>
<td>1976</td>
</tr>
</tbody>
</table>
BOX  FOLDER TITLE

OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

149  Storms, Mike – Correspondence – 1977-1978

Royal Dutch Petroleum Company – 1973

Socony Mobil Oil Company – 1966-1967

Shell Oil Company – 1966-1974

Signal Oil & Gas – 1971

Standard Oil of California – 1966-1975

Standard Oil of Ohio – 1972

Sun Oil Company – 1970-1975

Tenneco, Inc. – 1969-1971

Texaco, Inc. – 1966-1973

Union Oil Co. – 1967-1975

State of California vs. Union Oil Co. – 1969

Page Oil Tools (No contents)

Ball Valves

S & R Tools & Supply (No Contents)

Conical Re-entry Cone “A”

Conical Re-entry Cone “B”

Proposed Inner Barrel Release System

Non-rotating Inner Barrel Assembly

Proposed Core Catcher

W.L. Core Bit
Otis Engineering – Ball Valves

RS Pulling Tool (3”)

Pulling Tool – 4” Nom.

Shear Pin Calculation

Miscellaneous

Bit Disconnect

Shifting Tool

Schlumberger (No Contents)

Cable Head

Baker Oil Tool Co. – Bore Plugger

Jet Sub/Shifting Tool

Tri State Oil Tool

Baker Oil Tool Co. – Bore Plugger

Indexing Sub

Jet Sub/Shifting Tool

Jet Sub Housing

Edo Western (No Contents)

Remote Display (Display & Control)

Transceiver Electronics

System Drawing (Signal Flow)

Power Supply & Motor Drive Assembly
Hycalog, Inc. (Outer Barrel)

SIT Sub (for use with Baker Float Valve)

Bit Sub Thread Protector

Head Sub

Top Sub

Bit Sub (X-Over Type)

Latch Sleeve

Outer Barrel Assembly

Hycalog Inc. (Inner Barrel) (No contents)

Wireline Core Barrel Assembly

Inner Barrel Assembly

Inner Barrel Float Sub (For Bake 3F Float)

Lower Inner Barrel Sub (For Tandem Dog Type CC)

Inner Barrel Sub (For Christensen Turbocorer)

Plastic Liner Retainer Sleeve

Retainer for Plastic Liner

Center Bit

Core Catcher Sub

Float Retainer

Inner Barrel Drilling Sub

Latch Assembly Dog
149  Spring Pin (For Latch Assembly Dogs)
Pull Bar Pin
Grease Seals (D & S)
Bearing Shaft
Bearing Housing
Bearing Shaft Nut
Bearing Spacer
Support Housing Race (for use with Turbocorer)
Support Housing with Roller Guide
Thread Gauges & Data

150  Hycalog, Inc. (Miscellaneous)
Overshot Line Socket
Piggy Back Casing Assembly
Core Bit Assembly
Sinker Bar Adapter
Overshot Sinker Bar
Inner Tub Clamp & Lifter
Punch Core Sub
Pump-Out Plunger
Smith Tool Company
Body 10 1/8 4-CTR Coring Bit (RBF)
Core Pipe & Bit
Smith Tool – Proposed Center Bit (Core Breaker)
Re-entry Cone #1
Re-entry Cone #2
Re-entry Cone #3
Re-entry Cone #4
Mathews Steel – Conical Re-entry Cone
Hydril – “FJ” Tubing Connection
V. E. Kuster Co.
Global Marine, INC.
Sonar Scanner
Re-entry Control System
HEX Re-entry Base
Interocean Systems (No Contents)
Typical Transducer Element
Bore Plugger Layout
Curves of Ships’ Motion – 1967
DARPA MSS (Marine Seismic System) – Blueprints (1 of 2)
(2 of 2)
DARPA (1 of 6)
(2 of 6)
Drill String Analysis Report – 1975
Draft Pre-lim Proposal (UCSD 1734)
Provisions of Pressure Control Systems – 1971
GMI Business Proposal – 1974

Pressure Core Barrel Prints
PCB – MOD I
Wireline Pressure Core Barrel – MOD II-A
PCB – MOD I (1 of 2)
(2 of 2)
MOD II Design (1 of 2)
(2 of 2)
Cost Control & Schedule
Schedule & System Cost Estimates
Miscellaneous
Wireline Pressure Core Barrel Mod II-A – Operations Manual
PCB – MOD I
MOD III – Assembly Instructions
BOX   FOLDER TITLE

OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

151  PCB Photos

Pressure Core Barrel – Information Manual

PCB Drawings/ Figures

PCB - Miscellaneous

  Outline/Design & Operation

  Parts List & Assembly Drawings

  MOD II

  In-House Cost Control

152  Cost Control

MOD II

XCB (Extended Core Barrel) – Stroke

  Reports

  Latch Assembly

Cutting Shoe Design

XCB – Cutting Shoe Tests

  Spacing

Parts List – Inventory

Test Reports

Stratapax Info.

Photos – Linear Collapse Tests

Cutting Shoe Test Photos
OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

152  XCB – Analytics
Disc Spring Info – XCB, PCB
XCB Drawings
Obsolete
Duplicate Drawings
ECB Check Prints
Dave Huey
Don Bellows
Miscellaneous
APC (Advanced Piston Corer)
XCB – Extended Core Barrel Handbook
  Leg 94
XCB As Used Thru Leg 93
XCB – Leg 92
Extended Core Barrel - Testing Program Report – 1976
XCB - Leg 94
  Miscellaneous
Padded Flapper
XCB Core Bits

153  XCB/HPC Core Bits
New Cutting Shoe Design for Hard Rock
153  XCB – Terra Tech Tests, Salt Lake City (1 of 2)

(2 of 2)

Don Cameron

Will Nugent XCB Work

Acker Correspondence

Re-entry Cone Release

IDSS (Instrumented Drill Sting Sub)

Drill String Analysis (064)

Drill String Instruments (400)

Drill String Data

Monitor Labs (SMDS)

Drill-In Casing

Motions of a Deep Sea Drill Sting

Los Alamos visit

Proposed Drill Stings for TAMU

Heavy Wall Pipe

Heat Flow Shoe (202)

DARPA Experiment

Computer

G-O Cable head

Wireline Re-entry (1 of 3)
153  Wireline Re-entry (2 of 3)

(3 of 3)

Drill Bit Motion Instrument

Wireline Re-entry (3058-092)

Wireline Re-entry

Core Barrel Instrumentation (206)

CBIP Raw Data – Leg 94

154  Re-entry Cone – Operations Manual

Ball Valve Assembly

Miscellaneous

Marine Seismic System Deployment (MSS) Phase II

Failures

Cable Shape Analysis

Aluminum Drill Pipe (1 of 2)

(2 of 2)

Core Catchers

Challenger

Leg 95

Leg 89

Logs

Heavy Wall Drill Pipe
154  Deep Tow
Drill Pipe Studies
Metrox – Instrumented Sub
Dynamic Ship Positioning System – Tech & Ops Manuals
Spectral Analysis
Roll/Pitch/Heave Recorder
Fatigue
Analysis of Bending Fatigue

155  Vreeland Study (1 of 2) (Re: Bending Fatigue)
(2 of 2)
Drill String Motion (1 of 4)
(2 of 4)
(3 of 4)
(4 of 4)
Shell World-Wide Bunker Services – 1970
LMSC Proposal for Riser System (1 of 2)
(2 of 2)
MRI Design Study for Riser / Well Control
DSDP/IPOD Review of RFP – 1974
Glomar Explorer
Glomar Explorer Conversion
OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

155  Test Facility

Training

Trip Reports – 1971-1975

Trip Reports - 1976-1979

1980-1983

United States Geological Survey

Welding Procedures

156  Vreeland Analysis (Bending Fatigue) (1 of 8)

(2 of 8)

(3 of 8)

(4 of 8)

(5 of 8)

(6 of 8)

(7 of 8)

(8 of 8)

PCB Assembly – MOD II

HPC

Advanced Piston Corer

XCB

XCB

Formation Tester / Safety Tool
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>156</td>
<td>PCB/Wireline Tools</td>
</tr>
<tr>
<td></td>
<td>PCB – MOD III</td>
</tr>
<tr>
<td></td>
<td>MOD III</td>
</tr>
<tr>
<td></td>
<td>Core Bits</td>
</tr>
<tr>
<td></td>
<td>PCB – MOD III</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous</td>
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<td></td>
<td>Miscellaneous</td>
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<td>Drill Pope/Collars, Etc.</td>
</tr>
<tr>
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<td>Wireline Re-entry</td>
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<tr>
<td></td>
<td>Rotary Core Barrel</td>
</tr>
<tr>
<td></td>
<td>PCB – MOD III</td>
</tr>
<tr>
<td>157</td>
<td>Instrumentation</td>
</tr>
<tr>
<td></td>
<td>Pressure Core Barrel</td>
</tr>
<tr>
<td></td>
<td>Outer Core Barrel</td>
</tr>
<tr>
<td></td>
<td>Extended Core Barrel</td>
</tr>
<tr>
<td></td>
<td>Test Equipment</td>
</tr>
<tr>
<td></td>
<td>Pressure Core Barrel</td>
</tr>
<tr>
<td></td>
<td>Ancillary Equipment</td>
</tr>
<tr>
<td></td>
<td>Drill Bits</td>
</tr>
<tr>
<td></td>
<td>Wireline Re-entry</td>
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<tr>
<td></td>
<td>XCB</td>
</tr>
</tbody>
</table>
FOLDER TITLE

OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

157 Fishing & Remedial Tools
   VLHPC
   Index/Specs/Guidelines
   VLHPC
   Formation Tester / Safety Tool
   CBIP
   APC
   PCB
   PCB
   PCB MOD III
   PCB MOD III
   NSF Presentation – 1974
   Engineering Study – 1969
   Ore Proposal / Ocean Margin Study – 1974

158 Riser/Geothermal (Manuals, Reports, Proposals) Material

159 DSDP
   Printed Output from Heave Model
   Plotted Data from Instrumented Systems
   Failure Samples (Leg 84 String & Overshot)

160 DSDP
   Computer Plots from Heave Model
OFFICE OF OPERATIONS AND ENGINEERING SERIES (cont.)

160  DSDP -- Log of Computer Plots
      Plotted Data from Instrumented Systems
      Program Listings for Heave & Bend

161  [Unlabeled File Cabinet] - DARPA

162  Operations

163  Operations

164  Inventories

165  Inventories

166  [Unlabeled File Cabinet] - Port Calls – Correspondence – 1969-1979
      Aberdeen, Scotland
      Adak, Alaska
      Amsterdam, Netherlands
      Azores – Ponta Delgada
      Balboa, Canal Zone
      Brest, France
      Callao, Peru (Port Call and Drydock)
      Cape Town, South Africa
      Christchurch, New Zealand
      Cristobal, Panama
      Colombo, Ceylon
      Darwin, Australia
Dublin, Ireland
Dunedin, New Zealand
Durban, South Africa
Freemantle, Australia
Port Everglades, Florida
Funchal, Madeira Island, Portugal
Glasgow, Scotland
Guam
Guaymas, Sonora, Mexico
Hakodate, Japan
Honolulu, Hawaii
Istanbul, Turkey
Kodiak, Alaska
Las Palmas, C.I.
Los Angeles, CA Drydock
Majuro, Marshall Islands
Malaga, Spain
Manzanillo, Mexico
Mazatlan, Mexico
Midway
Okinawa
Port Louis, Mauritius
Punta Arenas, Costa Rica
Recife
Rio De Janeiro
San Juan, Puerto Rico
Santos, Brazil
Southampton, England
Suva, Fiji
Tahiti
Tokyo, Japan
Ushuaia, Argentina
Valparaiso, Chile
Vigo, Spain
Wellington, New Zealand
Willemstad, Curacao
Yokohama, Japan

Port Call Schedules

ORE (Ocean Resources Engineering, INC.)

Bill Schneider
[Unlabeled File Cabinet] – Breakdown Analysis

Vreeland, T. Jr.
Weatherford/Lamb
Stoup, T.J.
Larry Russell & Associates, Inc.
Ocean Resources Engineering, Inc.
ORE
McClelland Engineers, Inc.
Nugent, Wilfred
Specifications – R.D. Townsend
Consultants
Re-entry Cone/Dual Casing Hanger
Deep Oil Technology
D.O.T. Deep Oil Technology
Miscellaneous – Drafts & Originals (1 of 3)

(2 of 3)

Original VMI Package
Re-entry – Originals
Reports

(AAODC) American Association of Oilwell Drilling Contractors
Coring the Deep Oceans for Science

Deep Ocean Coring – Recent Operational Experience of the DSDP

Deep Water Coring for Scientific Purposes

(ASME) American Society of Mechanical Engineers

Deep Sea Drilling Abstract

Development of Rotary Core Drilling Bits for DSDP

Engineering Study – Methods to Penetrate Hard Formations in Deep Ocean Basins

Glomar Challenger’s Deep Water Re-entry Cone/Dual Casing Hanger System

Technical Advances in Deep Ocean Scientific Drilling

H2S in Black Sea Operations

International Phase of Ocean Drilling-Recent Operations of DSDP

Noise Measurements Made During Leg 18 of DSDP

(OECON) Offshore Exploration Conference

Ocean Research Draws Heavily from Drilling in the Offshore

(OTC) Offshore Technology Conference

Progress Reports -1968-1969

Recent Operations of the DSDP

Technical Papers

Trip Reports – 1968-1969

Request for Proposal 1967
BOX  FOLDER TITLE

D/V GLOMAR CHALLENGER OPERATIONS SERIES

170  A-C – Air Sampler

Bit Release

   Rotary Oil Tool
   Bumper Subs
   Bumper Subs
   Cable Heads
   Cementing
   Cementing Unit
   Communications – WWD/WNCU
   Communications
   Coring – Correspondence
   Core Bits
   Core Bits
   Coring Equipment
   Coring Equipment
   Extended Core Barrel
   Core Tubes/Core Liner Shipment

171  C-D – (Coring) - Coring Costs

   Bit Evaluation
   Larson Core Bits and Apparatus
   Hycalog
BOX  

FOLDER TITLE

D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

171  

C-D – (Coring) - Hughes Core Bits

  Retractable Bits

  Core Bits – Smith Tool

  Smith Tool

  Smith Tool Co. – Drag Bit

  Syn-tech Bit Co.

  Christensen Diamond Products

  Coring System Development

  Reese Sales Co.

  Core Orientation

  Otis Pulling Tools

  Drilling & Service, Inc.

  Core Liners

  Pan American Petroleum

  Cuttings and Removal

  Development Engineering

  Downhole Instrumentation (Hawaii Institute of Geophysics)

  Pore Water Sampler

  Sidewall Sampling

  Drill Pipe – Drill String (1 of 2)

(2 of 2)
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

172  D - (Drill Pipe) - Aluminum Drill Pipe (2 folders with this title)

   Drill String

   NKK Drill Pipe (New Purchase 1982)

   Drill in Casing

   Drill Pipe Coating

   Drill Pipe

   S-135 Drill Pipe – R. J. Stoup

   Drill String Failures

   Drill Collars

   Drill Pipe

173  D – (Drill Pipe) - Drill Bit Motion Instrument (VMI) 1979-

   Drill Bit Motion Instrument (VMI) 1976-1978

   USSR Downhole Instrumentation

   Drilling Techniques

   Corrosion

   Drill Pipe Elevators

   Heavy Wall

   Inspections

   Inspection

   Inspection

   Inspection Reports
173  D – (Drill Pipe) - Inspections 1968-1972
   Severing Tool
   Drill String Configuration
   Drill String (Longer)
   Piccolo
   Drill Pipe Pinger

174  D-F – (Drilling) Pinger
   Drilling Mud
   Electronics
   Elevators
   Equipment Losses
   Accident & Failure Report
   Equipment Losses
   Accident & Failure Report
   Equipment Status
   Surplus Equipment
   Explosive Release
   Failure Analysis (DSDP)
   Facsimile/Current and Meteorology Information
   Fatigue Life Gauges
   Fishing Tools
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

174  D-F - Formation Tester – Sea Trial Report

1976 Correspondence

Formation Tester

Specifications for a Formation tester/Safety Tool

175  F-H - Formation Tester

Downhole Blowout Preventer

Formation Tester

Formation Tester

Foundation Studies

Fuel

Geophones

Geothermal

Global Marine Development Company – Shipboard Maintenance & Repair System

Global Marine, Inc., Negotiations

Glomar Challenger – Equipment

Guide Shoe Drawings

Increase of Power

Insurance

Modifications

Hardfacing

Hard Sea Floor Spudding
BOX  FOLDER TITLE

D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

176  H - Heat Flow – Correspondence

   Heat flow

   Heave Compensator

   Drawings

   Heave Compensator

   Drawings & Photos (1 of 4)

      (2 of 4)

      (3 of 4)

      (4 of 4)

   Correspondence GMI

   GMI Tests

177  H - Heave Compensator – GMI Correspondence

   Correspondence – 1979

      1973-1978

   Maintenance

   Correspondence 1972

   IHC

   Ocean Science & Engineering

      Drawings

   Reports

   Rucker Company
BOX  FOLDER TITLE

D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

177  H – (Heave Compensator) - Miscellaneous

   Heave Compensation

   Heave Compensator

   Heave Compensator

178  H – (Heave Compensator) - Heave Compensator

   Heave Compensator

   Heave Compensator – 1973

   3.1.2. Heave Compensation Daily Status Reports Commencing 7 November 1973 – Supplemental Agreement #38

   Hydrates

   Hydraulic Bit Release

   Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer Manual – Originals/HPC Photos (Core)

   Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer

179  H-L - Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer

   Hydraulic Piston Corer
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

179  H-L - Hydraulic Piston Corer
    (VLHPC) Hydraulic Piston Corer – Variable Length
    VL Hydraulic Piston Corer
    Instrumented Drill String Sub (IDSS)
    IDSS
    Inventory
    Inventory
    Logging
    Logging
    Logging – Schlumberger
    Logging Cable Head

180  L-P - Logging
    Longer Casing String
    Maintenance
    Mud
    Non Destruction Testing
    Operations
    Polar Operations
    Polar Operations
    Polar Operations 1973
    Polar Operations 1971-1972
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

180  L-P - Polar Operations

   Pollution & Trash Disposal
   Positioning – General

   General
   Positioning

181  P - (Positioning) - Beacons – General

   AC-DRL Modification
   Acoustic Beacons
   Acoustic Release – Manuals
   Correspondence
   Acoustic Beacons - Reports
   Beacons – Benthos
   Beacons – Burnett
   EDO Western Corporation
   Beacons – Honeywell
   Inter Oceans
   Marine Resources Inc
   Ocean Research
   Sonatech, Inc.
   Beacon Recovery Aids

182  P – (Positioning) - Shallow Water Positioning Beacon
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

182  P – (Positioning) - Beacons – Work Statements

   Wide Angle

   Beacons

   Beacon Pulse Photos

   Sea States

   Martin-Decker – Backup Positioning System

   Hydrophones

   Noise

   Dynamic Positioning System – Honeywell

   Positioning System – Operations Report

   Power Sub

   Pressure Core Barrel

   Pressure Core Barrel

   Ball Valve Assembly (Battelle)

   Pressure Core Barrel

   Bit Modifications

   Correspondence (General)

   Drawings

   Manuals

   Modifications #2 1976-1977

183  P-R - Pressure Core Barrel - Modifications #2 1978-1979
D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

183 P-R – (Pressure Core Barrel) - Material & Test Specifications

Pressure Core Barrel

Photos

Original – Pressure Core Manual

Pressure Core Barrel (1 of 5)

(2 of 5)

(3 of 5)

(4 of 5)

(5 of 5)

Radar

Re-entry – Correspondence 1974-1976

Re-entry Cone

Correspondence – General 1968-1973

Correspondence - GMI

Re-entry

184 R – (Re-entry) - Re-entry Proposal – 1971

Deep Oil Technology – Ameron – Re-entry Two Come Procurement

D.O.T 7-Cone Re-entry

Leg 44 13-3/8 X 11-3/4 Transition Assembly

Leg 45 Re-entry Photos

Re-entry Inspection Reports
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)</td>
</tr>
<tr>
<td>184</td>
<td>R – (Re-entry) - Reports</td>
</tr>
<tr>
<td></td>
<td>RFQ</td>
</tr>
<tr>
<td></td>
<td>Scanning Sonar</td>
</tr>
<tr>
<td></td>
<td>Specifications Re-entry</td>
</tr>
<tr>
<td></td>
<td>Re-entry Statement of Work</td>
</tr>
<tr>
<td></td>
<td>Re-entry Equipment Photos</td>
</tr>
<tr>
<td></td>
<td>Technical Evaluation Report – Phase I Re-entry System</td>
</tr>
<tr>
<td></td>
<td>National Steel &amp; Shipbuilding</td>
</tr>
<tr>
<td></td>
<td>Re-Entry TV</td>
</tr>
<tr>
<td></td>
<td>Wireline Re-entry</td>
</tr>
<tr>
<td></td>
<td>Re-entry Operating Manual</td>
</tr>
<tr>
<td>185</td>
<td>R-S - Resistivity Measurements</td>
</tr>
<tr>
<td></td>
<td>Reverse Circulation</td>
</tr>
<tr>
<td></td>
<td>(Riser) - Buoyancy</td>
</tr>
<tr>
<td></td>
<td>Correspondence –General</td>
</tr>
<tr>
<td></td>
<td>Costs</td>
</tr>
<tr>
<td></td>
<td>Design Study</td>
</tr>
<tr>
<td></td>
<td>Evaluation Proposals</td>
</tr>
<tr>
<td></td>
<td>Papers</td>
</tr>
<tr>
<td></td>
<td>Ocean Current</td>
</tr>
<tr>
<td></td>
<td>Ocean Current</td>
</tr>
</tbody>
</table>
185  R-S – (Riser) - Ocean Current

   Riser Reports – Original

   Riser

   Vessel Motion

   Rupture Disc

   Safety

   Sandline

   Satellite Navigation

   Satellite Navigation

   Seismic Equipment

186  S-W - Ship Motion Data System

   (Ship Motion) Vessel Motion Instrumentation – Wave Rider Buoy

   Shock Sub

   Sonar

   Specifications – Originals

   Stabilizers

   Temperature Measurements

   Thrusters

   Turbocorer

   Underwater Connectors

   Weather Maps
BOX  FOLDER TITLE

D/V GLOMAR CHALLENGER OPERATIONS SERIES (cont.)

186  S-W - Weather Maps

  Weather Service
  Well Control

187  W-X - Well Control – Correspondence

  Wire Rope
  X-Ray Equipment

188  (MNA Peterson’s Files) - Glomar Challenger – DPS, Electronics, Misc.- (1967-1971)

  (1972-1973)
  (1974)
  (1975-1980)

LOGISTICS OFFICE SERIES


  Mohole – Armored Cable & Heads – 1967

  Draw Works (No Contents)

  Mohole – Drilling Vessels – 1966

  Equipment Received at DSDP – 1968

  Mohole – Model MS-102 – 1967-1976 (Note: Model is at San Diego Maritime Museum aboard the “Berkeley” in San Diego Bay)

    Logging Winch E-1222 – 1966-1968

    Drilling Equipment (E-130) – 1966-1969

    ACDRL – 1966-1968
189  Mohole - Diamond Bits (E-144 & E-145) – 1966-1968

   Brown & Root Excess Property E-146 Recorders – 1967

   Long Base Line System DSDP#11 – 1967-1973


   Turbocoring Drill (E-150) – 1967-1971

   Logging Cable E-156 – 1967

   Excess Mohole Property E-157 Cable & Reel – 1967-1971

      E-166 – 1967

      E-168 – Air Compressor (1967)

   High Temperature Bridle Cable – E180 – 1967

   Fork Lift E-181 – 1965-1968

   Mohole Excess Property E-183 & E-184 – 1967

      E-185 – 1967

      E-186, E-187 – 1967


   Line Wipers – 1967

   Mohole Service Winch – 1962-1966


   Phase I Property

   Radar Equipment (GM)  63-35 – 1967
BOX FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

189 Mohole - Re-entry System – 1966-1970

Gen, Motors/Bekins Van & Storage – 1967-1969

Riverside Equipment – 1968


1967-1968

NSF-DSDP Property Records – 1967-1974 (NOTE: These records included to show early method of keeping track of equipment)

Blank Forms

GSA Transfer of Excess Property - Core Vans – Excess

Filing Cabinet – IBM Cards

Rack Storage

Riverside GFE Transfer/Removal

Antarctic Clothing

Organ, Foot Operated, Folding Type

Floor Dolly

Box, Storage

PH Meter

Typewriter, Manual

Drill Press

Flexowriter

Drafting Table

Processor, Trays
189  GSA Transfer of Excess Property - Sheave
    Truck, Fork Lift
    Helicopter Net
    Arctic Clothing (2\textsuperscript{nd} Acquisition)
    Request for Transfer
    Transfer of Property
    Transfer Order for Excess Personal Property
    Excess Property Procedures
    Declared Excess Property
    Declared Excess Property
    NSF Property Received (Mohole Inventory 1 Nov. 196\textsuperscript{e})
    Excess Equipment Acquired
    Surplus Equipment Requests
    Surplus Equipment to be Picked-Up

190  Correspondence – Global Marine, Inc. – 1967-1968
    Equipment Surpluses at Mobile
    Blank Forms
    GSA Motor Pool
    Inter-agency Motor Pool
    GSA Car Nr. 12/51366
    National Science Foundation – Jeep (Note: file turned over to G. Bode-
    Tamu/ODP)
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

190  GSA Car 14-14164
     GSA Truck 41-48314
     GSA Truck 42-3676
     Vehicle Sign-Out
     GSA Vehicle Usage Review
     Vehicle Reports
     Government Car & Truck Rental
     Old GSA Records
     General Service Administration
     NSF Vehicle Mileage Reports
     Jeep Info (No Contents)
     Letters and Memos
     Antenna Base
     Machine Shop
     Miscellaneous Items
     Sale of UC Surplus Equipment
     Stolen Property
     Surplus Forklift
     8S Purchase Order
     GMI Purchase Orders
     Miscellaneous
LOGISTICS OFFICE SERIES (cont.)

190  Equipment & Data, Original Outfitting - Phillips Petroleum, Gas Chromatograph Blueprints, 1974-1975

DSD-Equipment - Library – 1968

  Office – 1967-1968

  Store Room – 1968

  X-Ray Radiography – 1968

  Sediment Petrology – 1967-1968

  Water Content – 1968

  Core Photography – 1967-1969

  Visual Core Description – 1968


  Cable Handle for Air Gun & Magnetometer – 1966-1970

  Shipboard Computer (No Contents)

  Air Gun System – 1966-1969

  Computer (No contents)

  Magnetometer – 1967-1968

  Piston Coring – 1968

    Liners – 1968

  Core Cutting – 1967-1968

<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>DSD-Equipment - Miscellaneous</td>
</tr>
<tr>
<td></td>
<td>Core Handling – 1968</td>
</tr>
<tr>
<td></td>
<td>Biostratigraphy – 1968</td>
</tr>
<tr>
<td></td>
<td>1968</td>
</tr>
<tr>
<td></td>
<td>Coring Operations – 1968</td>
</tr>
<tr>
<td></td>
<td>Oriented Core Recovery – 1968</td>
</tr>
<tr>
<td></td>
<td>Sampling – 1967-1968</td>
</tr>
<tr>
<td></td>
<td>Plans – 1968</td>
</tr>
<tr>
<td></td>
<td>Equipment Procurement Schedules</td>
</tr>
<tr>
<td></td>
<td>Training (shore) – (No contents)</td>
</tr>
<tr>
<td></td>
<td>Manuals (shore) – (No contents)</td>
</tr>
<tr>
<td></td>
<td>Reports (shore) – (No contents)</td>
</tr>
<tr>
<td>191</td>
<td>Headquarters Maintenance (Shore)</td>
</tr>
<tr>
<td></td>
<td>Ships Engineering Non-Scientific Charges – 1968-1969</td>
</tr>
<tr>
<td></td>
<td>Shipboard Specifications – 1968</td>
</tr>
<tr>
<td></td>
<td>Packing (No Contents)</td>
</tr>
<tr>
<td></td>
<td>Radioactivity Control – 1968</td>
</tr>
<tr>
<td></td>
<td>Geological Equipment – Cutrock Engineering Co. – 1967</td>
</tr>
<tr>
<td></td>
<td>Sed. Petro. (Shore) -1968</td>
</tr>
<tr>
<td></td>
<td>X-Ray Mineralogy (shore) – (No contents)</td>
</tr>
</tbody>
</table>
BOX

FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

191

Interstitial Solutions (Shore) – 1968-1969

Biostratigraphy (Shore) – 1968

Curating (Shore) – 1967-1968

IGN.&Met. Petro (Shore) – (No contents)

Shipping Requests – 1969

Miscellaneous – 1968-1969

Laboratory Blueprints – 1967-1968

Lab Modifications – 1968

DSDP Task: 1968

A - Science Administration

B - Office & Drafting Services

C - Storebook Functions, Tools, & El Testing

D - Core X-Ray Radiography

E - Core Coarse Fraction Analyst

F - Core CaCO2

G - Core Photography

H – Core Description Visual

I – Well Logging & Natural Gamma Scan

J – Geophysical Surveys

K – Shipboard Computer PDP-8S

L – Piston Coring
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>191</td>
<td>DSDP Task: 1968 - M – Core Cutting</td>
</tr>
<tr>
<td></td>
<td>N – Satellite Navigation</td>
</tr>
<tr>
<td></td>
<td>O – Core Vans</td>
</tr>
<tr>
<td></td>
<td>P – Biostratigraphy</td>
</tr>
<tr>
<td></td>
<td>Q – Penetrometer</td>
</tr>
<tr>
<td></td>
<td>R – X-Ray Mineralogy</td>
</tr>
<tr>
<td></td>
<td>S – Interstitial Solutions</td>
</tr>
<tr>
<td></td>
<td>T – Repository Solutions</td>
</tr>
<tr>
<td></td>
<td>U – Manual Reproduction</td>
</tr>
<tr>
<td></td>
<td>V – Scientific Reports</td>
</tr>
</tbody>
</table>

Information by Leg (*misfiling between files due to overlap in start and end ports of legs*), Legs 1-27-- Leg I – Orange to N.Y. 8/68-9/68 (No Contents)

<table>
<thead>
<tr>
<th>Leg</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>NY to Dakar 9/68-11/68 (No Contents)</td>
</tr>
<tr>
<td>III</td>
<td>Dakar to Rio 11/68-1/69 (No Contents)</td>
</tr>
<tr>
<td>IV</td>
<td>Rio to Panama 1/69-3/69 (No Contents)</td>
</tr>
<tr>
<td>In Transit</td>
<td>Panama to San Diego 4/69 (No Contents)</td>
</tr>
<tr>
<td>V</td>
<td>San Diego to Honolulu 4/69 (No Contents)</td>
</tr>
<tr>
<td>VI</td>
<td>Honolulu to Guam 6/69-8/69</td>
</tr>
<tr>
<td>VII</td>
<td>Guam to Honolulu 8/69-10/69</td>
</tr>
<tr>
<td>VIII</td>
<td>Honolulu to Tahiti 10/69-12/69</td>
</tr>
<tr>
<td>IX</td>
<td>Tahiti to Canal Zone 12/69-1/70</td>
</tr>
<tr>
<td>XA</td>
<td>Canal Zone to Galveston 1/70 (No Contents)</td>
</tr>
</tbody>
</table>
Information by Leg, Legs 1-27-- Leg XB – Galveston to Miami ETA 4/70

Leg XIA – Miami to Norfolk 4/70-5/70
Leg XIB – Norfolk to Hoboken 5/70
Re-entry – Hoboken to Boston 6/70
Leg XII – Boston to Lisbon 6/70-8/70
Leg XIII – Lisbon to Lisbon 8/70-10/70
Leg XIV – Lisbon to San Juan 10-12/70
Leg XV – San Juan to Balboa 12/70-2/71
Leg XVI – Balboa to Honolulu 2-4/71
Leg XVII – Honolulu to Honolulu 4-5/71
Leg XVIII – Honolulu to Kodiak 5-7/71
Leg – XIX – Kodiak to Yokohama 7-9/71
Leg – XX – Yokohama to Suva 9-11/71
Leg – XXI – Suva to Darwin 11/71-1/72
Leg – XXII – Darwin to Colombo 1-3/72
Leg – XXIII – Colombo to Djibouti 3/72-5/72
Leg – XXIV – Djibouti to Mauritius 5/72-6/72

Leg XXV – Mauritius to Durban 6/72-8/72 (1 of 2)

(2 of 2)
Leg 26 – Durban to Fremantle 8/72-10/72
Leg 27 – Fremantle to Fremantle 10/72-12/72
192  Information by Leg, Legs 28-37-- Leg 28 – Fremantle to Christchurch 12/72-2/73

   Leg 29 – Christchurch to Wellington 3/73-4/73
   Leg 30 – Wellington to Guam 4/73-6/73
   Leg 31 – Guam to Hakodate 6/73-8/73 (1 of 2)
   (2 of 2)
   Leg 32 – Hakodate to Honolulu 7/73-9/73
   Leg 33 – Honolulu to Papeete 9/73-11/73
   Leg 34 – Papeete to Callao 12/73-2/74 (1 of 2)
   (2 of 2)

193  Leg 35 – Callao to Ushuaia 2/74-3/74

   Leg 36 – Ushuaia to Rio de Janeiro – 3/74-5/74
   Leg 37 – Rio de Janeiro to Dublin 5/30/74 – 7/30/74 (1 of 3)
   (2 of 3)
   (3 of 3)

Information by Leg, Legs 38-45 -- Leg 38 – Dublin to Amsterdam 8/2/74-9/25/74 (1 of 2)

   (2 of 2)
   Leg 39 – Amsterdam to Cape Town 10/6/74-12/17/74 (1 of 2)
   (2 of 2)
   Leg 40 – Capetown to Abidjan 12/19/74-2/11/75
   Leg 41 – Abidjan to Malaga 2/13/75 – 4/8/75 (1 of 2)
   (2 of 2)
193 Information by Leg, Legs 38-45 -- Leg 42 – Malaga to Istanbul 4/14/75-6/11/75 (1 of 2)

194 (2 of 2)

Leg 43 – Istanbul to Norfolk via the Azores 6/13/75-8/12/75 (1 of 2)

(2 of 2)

Leg 44 – Norfolk to Norfolk 8/15/75-9/30/75 (1 of 2)

(2 of 2)

Norfolk Dry Docking & Sea Trials 9/30/75-11/26/75 (1 of 2)

(2 of 2)

Leg 45 – San Juan to San Juan 11/26/75-1/21/76 (1 of 2)

(2 of 2)

Information by Leg, Legs 46-51B -- Leg 46 – San Juan to Las Palmas 1/26/76-3/19/76 (1 of 2)

(2 of 2)

Leg 47 – Las Palmas to Brest Via Las Palmas 3/19/76-5/14/76 (1 of 2)

(2 of 2)

Leg 48 – Brest to Aberdeen 5/14/76-7/9/76 (1 of 2)

(2 of 2)

195 Leg 49 – Aberdeen to Madeiras 7/18/76-9/7/76 (1 of 3)

(2 of 3)

(3 of 3)

Leg 50 – Madeiras to Madeiras to Madeiras 9/7/76-11/10/76
Information by Leg, Legs 46-51B -- Leg 51A – Madeiras to San Juan to San Juan 11/10/76-12/14/76 (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Leg 51B – San Juan to San Juan 12/14/76-1/20/77

Information by Leg, Legs 52-58 -- Leg 52 – San Juan to San Juan 1/20/77-3/14/77 (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Leg 53 – San Juan to Cristobal 3/14/77-4/26/77 (1 of 3)

(2 of 3)

(3 of 3)

196 Leg 54 – Cristobal to Long Beach 4/26/77-6/12/77 (1 of 2)

(2 of 2)

Leg 55 – San Pedro to Yokohama 7/12/77-9/6/77

Leg 56 – Yokohama to Tokyo 9/10/77 – 10/10/77 (1 of 2)

(2 of 2)

Leg 57 – Yokohama to Yokohama 10/17/77-12/4/77 (1 of 3)

(2 of 3)

(3 of 3)
196 Information by Leg, Legs 52-58 -- Leg 58 – Yokohama to Okinawa 12/4/77-1/30/78 (1 of 2)

(2 of 2)

Information by Leg, Legs 59-66 -- Leg 59 – Okinawa to Guam 1/30/78-3/15/78 (1 of 3)

(2 of 3)

(3 of 3)

Leg 60 – Guam to Guam (1 of 3)

197

(2 of 3)

(3 of 3)

Leg 61 – Guam to Majuro 5/14/78-7/27/78 (1 of 2)

(2 of 2)

Leg 62 – Majuro to Honolulu 7/27/78-9/7/78

Leg 63 – Honolulu to Mazatlan via Los Angeles 9/7/78-11/27/78 (Drydock) (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Leg 64 – Mazatlan to Los Angeles 11/27/78-1/14/79

Leg 65 – Los Angeles to Mazatlan 1/14/79 – (1 of 2) (Note: Also contains Mohole Shipping Record)

(2 of 2)


(3 of 3)

Information by Leg, Legs 67-73 -- Leg 67 – Manzanillo to Puntarenas 5/8/79-7/5/79 (1 of 3)

198 (2 of 3)

(3 of 3)

Leg 68 – Puntarenas 7/5/79 via Curacao 7/27/79 to Balboa 8/30/79 (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Leg 69 – Balboa 9/2/79 via Guayaquil 9/18/79 to Balboa 10/29/79 (1 of 3)

(2 of 3)

(3 of 3)

Leg 70 – Balboa 11/11/79 via Callao to Valparaiso 1/3/80 (1 of 2)

(2 of 2)

Leg 71 – Valparaiso 1/3/80 via Punta Arenas to Santos 2/21/80 (1 of 2)

(2 of 2)

Leg 72 – Santos 2/21/80 to Santos 4/8/80 (1 of 3)

(2 of 3)

(3 of 3)
Information by Leg, Legs 67-73 -- Leg 73 – Santos 4/8/80 to Cape Town 6/6/80
(1 of 2)

(2 of 2)

Information by Leg, Legs 74-80 -- Leg 74

Leg 75 – Walvis Bay 7/24/80 to Recipe 9/6/80 to Norfolk 9/22/80 (1 of 3)

(2 of 3)

(3 of 3)

Leg 76 – Norfolk 9/22/80 to Ft. Lauderdale 12/1/80, Extension 12/1/80 to Ft. Lauderdale 12/21/80 (1 of 2)

(2 of 2)

Leg 77 – Ft. Lauderdale 12/21/80 to San Juan 2/1/81 (1 of 2)

(2 of 2)

Leg 78A – San Juan 2/1/81 to San Juan 3/12/81 (1 of 2)

(2 of 2)

Leg 78B – San Juan 3/14/81 to Las Palmas 4/9/81 (1 of 2)

(2 of 2)

Leg 79 – Las Palmas 4/15/81 to Brest, France 6/7/81 (1 of 3)

(2 of 3)

(3 of 3)

Leg 80 – Brest, France 6/7/81 to Southampton (1 of 3)

(2 of 3)

(3 of 3)
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td><strong>LOGISTICS OFFICE SERIES (cont.)</strong></td>
</tr>
</tbody>
</table>

Information by Leg, Legs 81-86 --

<table>
<thead>
<tr>
<th>Leg</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>81-82</td>
<td>Southampton 7/27/81 to Punta Delgada Azores 9/16/81 (1 of 2)</td>
</tr>
<tr>
<td>(2 of 2)</td>
<td></td>
</tr>
<tr>
<td>(2 of 3)</td>
<td></td>
</tr>
<tr>
<td>(3 of 3)</td>
<td></td>
</tr>
<tr>
<td>83</td>
<td>Balboa 11/21/81 to Balboa 1/4/82 (1 of 3)</td>
</tr>
<tr>
<td>(2 of 3)</td>
<td></td>
</tr>
<tr>
<td>(3 of 3)</td>
<td></td>
</tr>
<tr>
<td>84</td>
<td>Balboa, Panama 1/11/82 to Long Beach 3/3/82 (1 of 2)</td>
</tr>
<tr>
<td>(2 of 2)</td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>Long Beach 3/10/82 to Honolulu 4/26/82 (1 of 2)</td>
</tr>
<tr>
<td>(2 of 2)</td>
<td></td>
</tr>
</tbody>
</table>

| 201 | Leg 86 – Honolulu 5/5/82 to Yokohama 6/19/82 (1 of 3) |
| (2 of 3) | |
| (3 of 3) | |

Information by Leg, Legs 87-92 --

<table>
<thead>
<tr>
<th>Leg</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-88</td>
<td>Yokohama 6/19/82 to Hakodate 8/18/82 (1 of 2)</td>
</tr>
<tr>
<td>(2 of 2)</td>
<td></td>
</tr>
<tr>
<td>88</td>
<td>Hakodate 8/20/82 to Yokohama 9/22/82 (1 of 4)</td>
</tr>
<tr>
<td>(2 of 4)</td>
<td></td>
</tr>
<tr>
<td>(3 of 4)</td>
<td></td>
</tr>
</tbody>
</table>
Information by Leg, Legs 87-92 -- Leg 88 – Hakodate 8/20/82 to Yokohama 9/22/82 (4 of 4)

Leg 89 – Yokohama to Noumea

Leg 90 – Noumea to Wellington (1 of 2)

(2 of 2)

Leg 91 – Wellington to Papeete (1 of 3)

(2 of 3)

(3 of 3)

Leg 92 – Papeete to Balboa (to Norfolk)

Information by Leg, Legs 93-xx -- Leg 93 – Balboa to Norfolk (1 of 4)

202 (2 of 4)

(3 of 4)

(4 of 4)

Leg 94 – Norfolk to Norfolk (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Leg 95 – Norfolk to St. John’s, Newfoundland (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)
202 Information by Leg, Legs 93-xx -- Leg 96 – St. Johns to Ft. Lauderdale, Florida (1 of 3)

(2 of 3)

(3 of 3)

Leg 97 – Mobile, Alabama to Deep Sea Drilling Project (1 of 2)

(2 of 2)

203 Logistics Files - Audit Information

DSDP – Space Requirements/Building Renovation

Building

Challenger

General Shipboard Info

Credit Cards (No Contents)

Recommendation for Shipboard

Delegation of Authority

GMI – Ad Valorem Tax

Challenger Modifications, Etc.

CPFF Costs & Activities (cont.)

Day Rate – Request for Increase

Drill Pipe

Dynamic Positioning

Equipment Below Rotary Table

General Conditions Changes
203  Logistics File – GMI -- Heave Comp

  Logistic Cost
  Maintenance Schedule
  Monthly Operations Record
  Operational Failures
  Operations Reliability Plan
  Sanitation Device
  Supplemental Agreement
  Miscellaneous
  SIO Meetings
  Contract Negotiations
  Logistics Cost Differential
  Field Order Information
  Notes and Invoices
  C.P.F.F. Info
  Insurance
  Memo to File
  Memos – Personnel
  Memos Received – Misc.
  Memos Sent – Misc.
  Safety
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

203 Logistics File – Staffing – Glomar Challenger

   Personal Property Tax Reports
   Technician Meetings
   TAC – Technical Advisory Committee

General -- Airborne

   CAL Cartage Bill of Lading
   J.H. Rose Trucking Bill of Lading
   Bills of Lading
   Questionnaire – Bureau of Census
   Customs
   Low Value Declaration
   Explosive Safety Rules
   Federal Express
   Government Agencies – Forms/Credit Card Info/GSA and Servmart
   University of Hawaii – Program on G.C.

Insurance

   Intermarine Services – I.S.I.

Logistics Plan - Overall

   Antarctic

   Antarctic Program – Second

Logistics Space Requirements
LOGISTICS OFFICE SERIES (cont.)

203  General – NSF Audit

   Material Management Information
   NSF Correspondence
   Operations Meetings (No Contents)
   Purchasing (No Contents)
   Purchasing Contracts
   Schlumberger
   Seismic System
   Shipboard Handbook
   X-Ray Fluorescence

204  Laboratory Officer’s Filing Cabinet, Shipboard Info -- Leg 62

   Leg 63
   Leg 64
   Leg 65
   Leg 66
   Leg 67
   Leg 68
   Leg 69
   Leg 70
   Leg 71
   Leg 72
204 Laboratory Officer’s Filing Cabinet, Shipboard Info -- Leg 73

   Leg 74
   Leg 75
   Leg 76
   Leg 77
   Leg 78
   Leg 79
   Leg 80
   Leg 81
   Leg 82
   Leg 83
   Leg 84
   Leg 85
   Leg 86
   Leg 87
   Leg 88
   Leg 89
   Leg 90
   Leg 91
   Leg 92
   Leg 93
LOGISTICS OFFICE SERIES (cont.)

204 Laboratory Officer’s Filing Cabinet, Shipboard Info -- Leg 94

  Leg 95

  Leg 96

Shore Information -- IPOD

  Workload Evaluation/Hardrock Leg 37

  Shipboard Thin Section Lab/Remodeling Plan

  Ship Modifications for IPOD

  Ship Mods

  Budgets

  New Building 6-82

  Contact Listing (Note: Listings Removed Due to Personal Nature)

  Overtime Justifications

  Explorer

  Radiation Safety

  Safety

  Program Proposal

  Travel

Sediment Lab Archive File: Data, Abstracts, Reprints & Miscellaneous Lab Tests
-- Forms Detailed GZ

  Rust Study

  SR Results – Schneidermann

  Water Content Leg 22
Sediment Lab Archive File: Data, Abstracts, Reprints & Miscellaneous Lab Tests
-- Alkalinity Problem

- Stankus CO3 Analysis for C14 Dating
- Kennecott Samples 3-30-71
- Pimm – Indian Ocean
- Withdrawal Depths / GZ Affects
- Grain Size Withdrawal Times
- Reproducibility GZ
- GZ Literature
- Pipette Withdrawal
- GZ Pipette Calibrations
- Sediment Standards/Repro
- Emery Tube Information
- Calgon Blank Repro Tests
- STD. 1
- STD. 2
- STD. 3
- STD. 4
- Reproducibility C-CO3
- STD. Tests on New WR 12
- Proposal C-CO3
- Reproducibility with Low Carbon Samples #3
<table>
<thead>
<tr>
<th>BOX</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>LOGISTICS OFFICE SERIES (cont.)</strong></td>
</tr>
</tbody>
</table>
| 204 | Sediment Lab Archive File: Data, Abstracts, Reprints & Miscellaneous Lab Tests  
-- Special Studies WR 12 |
|     | LECO Decomp Study |
|     | LECO Blank Calculations |
|     | CC 70-Sec Special Test |
|     | 70-Sec LECO Affects of Ring WGT |
|     | 70-Sec Anal Sample Size, Affects of |
|     | 70-Sec Anal Studies w/ Tin and UHP Oxygen |
|     | Oxygen Study/Industrial-UHP 70-Sec Analyzer |
|     | Test for LECO 70-Sec |
|     | C-CO3 Special Studies (with and without tin) |
|     | Ink Test, Blank |
|     | A-B-Tests on Rings 1-71 |
|     | Sulfur vs. Carbon Combustion/Tube/Blowout Experiment |
|     | A-B Method/Drain Times |
|     | Tin Foil Study |
| 205 | Oregon State Trip Data – March 1971 |
|     | Acid Affects on Kaolin Using A/B Method |
|     | Miscellaneous |
|     | LECO Crucible Cover, Test Using |
|     | Iron Powder |
|     | For John Hunt-WHOI – Leg 20 O.G. Samples for C-CO3 Analysis |
Sediment Lab Archive File: Data, Abstracts, Reprints & Miscellaneous Lab Tests
-- CO2 Analysis Comparison – Vol VS Termistor

C-CO3 Legs I-V Restudy
C-CO3 Spec. Leg
CC WR 12 C0CO3 Comparison
Simoneit Special Studies
Special Analysis Non-DSDP
CC Special Studies for Castner
Knatlan Special Studies
Sholkovits-Geiskes C-CO3
Interlab C-CO3 Study – Hunt
Eric Hartwig
Pimm Special Studies
C-CO3 STDS.
Leg 71-72
Leg 54 – CC
Leg 38 – RE
Leg 32 Special Studies
Leg 25
Leg 24 C-CO3
Hunt – Org Geochem for C-CO3 Leg 21
Leg 20 C-CO3
205 Sediment Lab Archive File: Data, Abstracts, Reprints & Miscellaneous Lab Tests -- Leg 17 C-CO3

Bukry, Dave – Leg 16
Leg 15 (Specials) Simoneit
Leg 15: C-CO3 Special Study Pimm
Blank Deter Leg 15 C-CO3, UHP-O2
Leg 14 C-CO3 Special Study Pimm
C-CO3 Leg 10
C-CO3 Leg 9
Leg 8 Restudy C-CO3
Restudy CC Legs 5-9 (Gealy’s Samples Inc.)
Leg X Re-Runs
Special Studies – CC
Terry Parr Specials – CC
Kaolin GZ
Alkalinity & PH vs. Acid Washed Filter Paper Study
Miscellaneous
Lab & Systems Information -- Aerosol
Aerosole
Butyrate – Liners & Caps
Chemistry Laboratory
Chem Lab
205 Lab & Systems Information -- Chem Lab

   C-H-N
   Computer
   Computer, Shipboard
   Computer Proposal – Gas Lab
   Core Lab Equipment
   Core Vans & Alarm System
   Curatorial
   Electrical
   Gas Chromatographs
   Hydrogen Generator
   Supergrator

206 Gas Lab (1 of 6)
   (2 of 6)
   (3 of 6)
   (4 of 6)
   (5 of 6)
   (6 of 6)

   Halobates
   Fantail -- Airgun, Large, New Bolt
   XBT 30, 31, 32, 33
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

206  Fantail -- DME TV-5 Tow Vehicle

    RIX

    Sonobuoy Information

    Airgun

Geophysical Lab

G.R.A.P.E. (1 of 4)

(2 of 4)

(3 of 4)

(4 of 4)

Heat Flow (1 of 2)

(2 of 2)

Hydraulic Core Extruder

Hydraulic Piston Core (HPC & VHPC) (1 of 2)

(2 of 2)

207  In Situ Water Sampler (1 of 2)

(2 of 2)

In Situ Measurements

Ion Chromatographer (WESCAN)

Inventory

LECO

Logging
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

207  Low Sun Phenomenon – “Sky & Telescope” – Green Flash

Material Safety Data Sheets

Microscopes

Movie Projector

Old Systems Info

Packer, Lyons

Paleomagnetics

Physical Properties

Photography

Pressure Barrel

Pressure Measurements

Repository – Policy

Resistivity Experiment

Safety

Sediment Laboratory – Budget

Shore Lab

208  Shore Lab – Results

Sonic Velocity

Sonobuoy Info

Source Rock Analyzer -- Rock Evaluation

IFP Gas Chromatograph (French)
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

208  Source Rock Analyzer -- Source Rock Analyzer
    Thermal Conductivity
    Thin Section Lab
    Trace Fossils in Deep-Sea Cores
    Vane Shear
    Walk-in Reefer
    Wave Meter
    X-Ray Diffraction
    XBT

208  X-Ray Fluorescence (1 of 3)
    (2 of 3)
    (3 of 3)
    Modifications to Scientific Areas – 1975
    Chem Lab Photos
    Gas Lab Photos
    Core Van Area Photos
    In Situ Water Sampler Photos
    Spare Lab Photos
    Lab Officer’s Office Book Shelves -- Curatorial Reports
    Core Lab Reports
    Core Lab – Equipment Status Reports
209 Lab Officer’s Office Book Shelves -- Core Lab, Van Area & Paleo-Van

   Computer HP-1000
   Chem/Gas Lab Reports
   Aerosol & Safety Reports
   Aerosol, Photo, Thin Section
   Aerosol Reports
   Curatorial, Microscope & Paleo Lab Reports
   Electronics Reports
   Electronics (Leg 39-96) (1 of 2)
      (2 of 2)
   Electronic & Computer Reports
   RIX Compressor & Fantail (1 of 2)      (2 of 2)
   Underway Reports
   Gas Lab Reports

210 General (Leg 3-38)
      (Leg 39-96)
   Yeoperson/Safety
   Photo Lab Reports
   Paleo Lab/Digico Reports
   Microscopes
210  Lab Officer’s Office Book Shelves -- Heat Flow/In Situ Water

   Special Tools

   Storekeeper/Yeoperson

   Storekeeper Reports

   Technical Reports – Leg 41-85

      Legs 85-93

   Miscellaneous Tech/Cruise Reports

   Thin Section Reports

   Thin Section Info

   Core Van Area Equipment Report

   Yeoman/Storekeeper Reports

   Equipment Status Reports – Legs 39-43

      Legs 44-47

      Legs 48-50

211  Legs 51-52

      Legs 53-54

      Legs 55-56

      Legs 57-58

      Legs 59-62

      Legs 63-64

      Legs 65-67
BOX  FOLDER TITLE

LOGISTICS OFFICE SERIES (cont.)

211  Lab Officer’s Office Book Shelves -- Equipment Status Reports – Legs 68-71
    
      Legs 72-73
      
      Legs 74-76
      
      Legs 77-79
      
      Final Report – Lab & Equipment Summary (Review & Chronology)
      
      Echo-sounding Correction Tables
      
      Shipboard Handbook
      
      Physical Properties
      
      D.S.D.P. Technical Manuals
      
      Log Books: Felker Saw & Core Splitter
      
      Grape & Super Saws
      
      PCB & Water Sampler

212  Heat Flow & Xerox

      Air Gun – Legs 1-18
      
      Legs 19-48
      
      Legs 49-86 & RIX 1
      
      RIX 2 & 3
      
      Water Gun
      
      Recon Report – Hakodate (Leg 87)
      
      Yokohama (Leg 88)
      
      Port Moresby & Rabaul – (1 of 2) (NOTE: This was considered for Leg 90 port call; however, Noumea was the chosen port)
212   Recon Report – Port Moresby & Rabaul – (2 of 2)

   Noumea (Leg 89/90)

   Wellington, NZ (Leg 90)

   Tahiti (Leg 91)

   St. John’s, Newfoundland (Leg 94)

213   Ft. Lauderdale, FL (Leg 95)

Scientific Equipment Log-DSDP-UCSD Property Numbers & Location” (1968) --
Inventory Procedures (1966-1971)

   Asbestos

   Demobilization Plans (1983)

   Insurance (1984-1985)

   Loan Agreement

   Projectors

   WHOI Radioactive LIC.

   Space – Demobilization

   Inventory – Typewriter & Calculator Service

   Hazard Materials – MSDS

   East Building – Construction History (1 of 2)

   (2 of 2)

   Deep Sea Drilling Building Supplement – 1972

   New Building Outfitting Plans and Notes

   New Building Construction Notes
213 Scientific Equipment Log-DSDP-UCSD Property Numbers & Location” (1968) -- Forms

Correspondence – May 1972-May 1973

June-Dec 1973

Jan-Sept 1974

Oct 1974-Dec 1975

1976

1977

1978

1979

Jan-June 1980

July-Dec 1980

Jan-May 1981

214 June-Dec 1981

Jan-May 1982

June-Dec 1982

Jan-June 1983

July-Dec 1983

Jan 1984-March 1985

April 1985-1987

Lost Drilling Equipment (1968-1975)

Final Disposition Files – (1 of 4)
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
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<tbody>
<tr>
<td>214</td>
<td><strong>LOGISTICS OFFICE SERIES</strong> (cont.)</td>
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<tr>
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<td>Final Disposition Files – (2 of 4)</td>
</tr>
<tr>
<td></td>
<td>(3 of 4)</td>
</tr>
<tr>
<td></td>
<td>(4 of 4)</td>
</tr>
<tr>
<td></td>
<td>Furniture Notes</td>
</tr>
<tr>
<td></td>
<td>Contact Claim Cards (1968-1974)</td>
</tr>
<tr>
<td></td>
<td>GC Demobilization – Daily Equipment Transfer Memos (1983)</td>
</tr>
<tr>
<td></td>
<td>GFE-After Demobilization (1984)</td>
</tr>
<tr>
<td></td>
<td>Equipment Transferred to Tamu – 15 Feb 1984</td>
</tr>
<tr>
<td></td>
<td>GFE-End of Mobile (1984)</td>
</tr>
<tr>
<td></td>
<td>Original Tape from Roblee</td>
</tr>
<tr>
<td></td>
<td>NSF Approval for Transfers</td>
</tr>
<tr>
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<td>NSF Correspondence (1983-1984)</td>
</tr>
<tr>
<td></td>
<td>Texas GFE Shipment 1-87</td>
</tr>
<tr>
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<td>GFE End of Mobile – Purged of Scrap &amp; Equipment Left on Ship (1984)</td>
</tr>
<tr>
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<td>NSF Correspondence &amp; Approvals for Demobilization &amp; Transfer of GFE to Tamu (1983)</td>
</tr>
<tr>
<td></td>
<td>Report of Excess Personal Property – Correspondence (1972-1983)</td>
</tr>
<tr>
<td>215</td>
<td><strong>OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES</strong></td>
</tr>
<tr>
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<td>GFE Inventory 1986</td>
</tr>
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</table>
BOX    FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

215    Inventory -- 1986

GFE --1985

1984

Inventory -- 1983

GFE Inventory 1983

Inventory -- 1982

1981

1980

1980 Audit

Inventory – 1979

1978

1977

1976

1975

1974

1973

1972

1971

Shipboard Inventory 1971

Inventory -- 1968-1969

GMI Inventory Reports
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

215

Inventory – Core Vans

GFE Inventory – Miscellaneous Info

DSDP/NSF Assigned Numbers

Inventory Notes – GFE Annual

Positioning System

Notes on Equipment Transfer

Repository Equipment/TAMU

APT Weather System Data

Notes – Gauges and Molds

Inventory – Lamont, WHOI, UCR

Equipment on Loan from Navy

Transducer Elements on Loan from Navy

Drill Pipe Move – Seattle-LA

Equipment in Storage, San Pedro

Equipment on Loan

WHOI – Equipment Shipped


Loan Agreements

Inventory – Loans & Riverside

Inventory Notes

GMI Government Property Records
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

215  GMI Government Property Records

GMI Numbers

Surplus

216  Equipment – 1966-1972

1973-1977

Digital Equipment Corporation – 1968


Core Orientation – 1973-1974


Cost Effectiveness Guidelines – 1968

GSA Procurement – 1967-1970

1971-1973

Geehan, Gregory 8/1971 Accident

Excess Property – 1967-1968

1968-1976

Safety (Reviews, Panels, Correspondence) – 1968-1979


Press Releases – 1971-1972

1972-1973

News Releases – 1974-1978

Schedules – 1967-1975
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

217  Task Orders – 1969-1972

Trip Reports – 1972-1978

Automobile (GSA) 1969-1978

Telephone Vouchers – 1976-1978

218  Telephone Vouchers – 1968-1976

X-Ray Mineralogy Lab (Riverside) – 1970-1975


Formation Tester/Safety Tool – Sea Trails – Leg 38 – 1974

UCSD-DSDP Requests for Proposal – 1974


Draft – Scientific Narrative for IPOD – July 1973

Shipboard Handbook – Leg 25 – 1972

   Leg 26 – 1972

   Leg 27 -1972

   Leg 29 -1973

   Leg 30 – 1973

   Leg 31 – 1973

   Leg 37 – 1974

   Leg 40 – 1974

   Leg 41 – 1975

   Leg 42 – 1975
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

218  Shipboard Handbook – Leg 43 – 1975

Leg 44 – 1975

NSF Annual Report – 1963

1964
1965
1966
1967
1971
1972
1973
1974

219  1976

NSB – Science at the Bicentennial – 1976

NSF Annual Report – 1979


GMI Proposal – IPOD I – 1974

1974

IPOD RFP – 1974

Proposal for Extension #2 – UCSD #4405 – 1971

Failure of Texas Tower #4 and Comparison w/ Proposed Mohole Platform – 1963
Master Index of Science & Technical Progress Reports (Mohole) – 1967
DCAA Report on Audit of Interim Settlement (Mohole) – 1967
Report to Congress (Mohole) – 1968
AMSOC Report (Mohole) – 1959
NSF Justification to Congress (OSCP & Mohole) – 1967
Report to Congress (Mohole) – 1959
NSF Justifications to Congress (OSCP & Mohole) – FY-1967
Informal History of NSF – 1975
Operating Manual – (Christensen) Rubber Sleeve Core Barrel – 1964
Development of Wireline Rubber Sleeve Core Barrel (Christensen) – 1967
Briefings Before the Task Force on Energy – 1972
NSF Chronological History – 1971
NSF Institution Directory – 1973
Advance Notification – 1968-1973

1974

1975

1976-1977

Argentine Incident – 1974
Bennett’s Refrigeration – 1975
Bicentennial (NSF-USA) – 1973-1975
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

220  DSDP Building – 1969-1975

McLerran Travel – 1974-1975

  1976-1977

  1978

  1979

AC-DRL – (Beacons/Hydrophones) – 1968-1970

Dry Valley – 1971

Drill Sites – 1972-1976

General Conditions of Purchase – 1968-1970

Geochemistry Proposals – 1971-1972

Hycalog, Inc. – (Coring Equipment) = 1968-1970

221  Heave Compensation System – 1973

Heave Compensator – 1974

Initial Reports – 1976

  1975

  1974

  Jan. 1972

  Mailing List – 1969-1977

Japanese-DSDP Meeting – 1976-1877

Japan Trip – 1977

JOIDES and GURC – 1968-1970
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

222  JOIDES Panel Meetings – 1967-1972
    1973-1974
    1975

JOIDES Minutes/Meetings – 1976

JOIDES Panel Meetings – 1978

Logistics – Resupply 1967-1977

Miscellaneous (DSDP Correspondence) – 1966-1969

Miscellaneous – 1969

           DSDP-1967-1970

Miscellaneous Correspondence – 1970
    1971
    1972

223  1973

Miscellaneous – 1974

    1975

    1971-1975

Procurement – GSA (FTS Telephone) – 1974-1980

GSA Procurement – 1975-1977

Initial Reports Mailing List – 1977-1980

Initial Reports Correspondence – 1980-1981
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

223  Draft Proposal for IPOD – 1975-1979
224  Inventory (Procedures, ETC) – 1968-1980

Joides Minutes/Meetings – 1978-1981

JOI Reports – Site Survey – 1979-1981


JOI, Inc. Minutes of Meeting – 1978-1980

1976-1980

Long Range Planning – 1971-1975

Budget – 1971-1976

Magnetometer – 1976


Meetings (Reports of ) – 1967-1974

Meetings – 1968-1974

Mercury Publications – 1976-1979

1973-1977

225  Metrox, Inc. – Instrumented Drill String System – 1978-1979

McClelland – Soil Samples – 1975-1976

Meteorology – 1968

Mexico Cooperation – Legs 63 & 66 – 1978-1979

Midway Island – 1973

Miscellaneous – 1975-1981
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

225 Mobility Program – 1973-1976

National Steel & Shipbuilding Co. – Jan-May 1976
  June-Dec 1976

Objective Assessment (OSCP-DSDP) – 1972

OSCP – 1973

Oblique Seismic – Legs 64 & 65 – 1978

Oceanographic Winch – 1967-1968

OECON – 1968-1969

  Advance Notification – 1983
  Audit (DCAA) – 1967-1971
  Audits – 1971-1976
    1977-1983
  Chrono File – Jan-Dec 1968
    Jan-Dec 1969
    Jan-June 1970
    July-Dec 1970

226 Jan-June 1971
  July-Dec 1971
  Jan-June 1972
  July-Dec 1972
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
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<tbody>
<tr>
<td>226</td>
<td>(ARM File Cabinet) – Chrono File -- Jan-June 1973</td>
</tr>
<tr>
<td></td>
<td>July-Dec 1973</td>
</tr>
<tr>
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<td>Jan-June 1982</td>
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<td>July 1982-Sept 1983</td>
</tr>
<tr>
<td></td>
<td>Storage (Correspondence)</td>
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<tr>
<td></td>
<td>Correspondence (Negotiations for Contract C-482) – 1965-1967</td>
</tr>
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<td></td>
<td>CUSS I – Photos</td>
</tr>
<tr>
<td></td>
<td>Glomar Challenger</td>
</tr>
<tr>
<td></td>
<td>International Participation (MOU’s) – 1974-1983</td>
</tr>
<tr>
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<td>Inventory – 1982</td>
</tr>
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<tr>
<td>227</td>
<td>Log – 1982-1983</td>
</tr>
<tr>
<td></td>
<td>Correspondence Logs – 1980-1981</td>
</tr>
<tr>
<td></td>
<td>1979</td>
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<td>1969</td>
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<td>1968</td>
</tr>
<tr>
<td></td>
<td>Monthly Financial Reports – 1983</td>
</tr>
<tr>
<td></td>
<td>Program Plan – 1980-1983</td>
</tr>
<tr>
<td></td>
<td>Purchase Orders – Computer Type – 1982-1983</td>
</tr>
<tr>
<td></td>
<td>1979-1981</td>
</tr>
<tr>
<td></td>
<td>1972-1980</td>
</tr>
<tr>
<td></td>
<td>Design Services, Inc. – 1981-1982</td>
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<td>1979-1982</td>
</tr>
</tbody>
</table>
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

227  (ARM File Cabinet) – Purchase Orders -- Gasset, Paul, L. – 1982

    Metrox – 1979-1982

    Schlumberger – 1982

    Smith Tool Company – 1977-1983

228     1971-1976


Repository Agreements – 1978-1983

Safety Reports – 1983


Subcontract Correspondence – 1967-1968

    1969-1972

    1973-1974

    1975

Subcontract 1975

Subcontract Correspondence – 1975

    1976-1977

Subcontract – 1982-1983

Technical Achievements – 1983

Trip Reports – 1982-1983

Travel – 1980-1983

Supplemental Agreement No. 1 – 1975-1976
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

228  (ARM File Cabinet) – Supplemental Agreement No. 2 – 1975-1982

   No. 3 – 1975-1982

229  No. 4 – 1975-1977

   No. 5 – 1975-1980

   No. 6 – 1975-1976

   No. 7 – 1976-1980

   No. 8 – 1975-1983

   No. 9 – 1976-1977

   No. 10 – 1976-1982

   No. 11 – 1976-1982

   No. 12 – 1976-1982

   No. 13 – 1976-1980

   No. 14 – 1976-1978

   No. 15 – 1976-1980

   No. 16 – 1976-1980

   No. 17 – 1976-1980

   No. 18 – 1976-1982

   No. 19 – 1977-1980

   No. 20 – 1976-1982

   No. 21 – 1977-1980

   No. 22 – 1977-1978
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

229  (ARM File Cabinet) – Supplemental Agreement No. 23 – 1977-1980

   No. 24 – 1977-1980
   No. 25 – 1977-1978
   No. 26 – 1977-1978
   No. 27 – 1977-1978
   No. 27A - 1978
   No. 28 – 1977-1982
   No. 29 – 1977-1979
   No. 30 – 1977-1982
   No. 31 – 1977-1982
   No. 32 – 1977-1982
   No. 33 – 1978-1982
   No. 34 – 1978
   No. 35 – 1978-1982
   No. 36 – 1978-1982
   No. 37 – 1978-1982
   No. 38 – 1978
   No. 39 – 1978-1982
   No. 40 – 1978-1983
   No. 41 – 1978-1979
   No. 42 – 1978-1982
229  (ARM File Cabinet) – Supplemental Agreement No. 43 – 1979-1982

No. 44 – 1979-1982
No. 45 – 1979-1983
No. 46 - 1979
No. 47 - 1979
No. 48 – 1979-1983
No. 49 – 1979-1983
No. 50 – 1979-1980
No. 51 - 1979
No. 52 – 1979-1980
No. 53 – 1979-1980
No. 54 – 1980
No. 55 – 1979-1983
No. 56 – 1980
No. 57 – 1980
No. 58 – 1980
No. 59 – 1980
No. 60 – 1980
No. 61 – 1980
(ARM File Cabinet) – Supplemental Agreement No. 64 - 1980


No. 66 – 1981

No. 67 – 1981-1982

No. 68 – 1981

No. 69 – 1981

No. 70 – 1981

No. 71 – 1981-1982

No. 72 – 1981

No. 73 – 1981

No. 74 – 1981

No. 75 – 1981-1982

No. 76 – 1981-1982

No. 77 – 1982

No. 78 – 1982

No. 79 – 1982

No. 80 – 1982

No. 81 – 1982

No. 82 – 1982

No. 83 – 1982

No. 84 – 1982
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

230  (ARM File Cabinet) – Supplemental Agreement No. 85 – 1982

No. 86 – 1982-1983
No. 87 – 1982-1983
No. 88 – 1983
No. 89 – 1983
No. 90 – 1983
No. 91 – 1983
No. 92 – 1983
No. 93 – 1983
No. 95 – 1983

Amendment #1 – 1968
#2 – 1968-1969
#3 – 1970
#4 – 1970
#5 – 1971
#6 – 1971-1972
#8 – 1972
#9 – 1973
#10 – 1973-1974
#11 – 1975
#12 – 1977
BOX  FOLDER TITLE

OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

230  (ARM File Cabinet) – Supplemental Agreement #1 – 1968

#2 – 1967-1968

#3 – 1968

#4 – 1968

#5 – 1968

#6 – 1968

#7 – 1968-1969

#8 – 1968-1969

#9 – 1969

#10 – 1969

#11 – 1969

#12 – 1969-1972

#13 – 1969

#14 – 1969-1971

#14 – 1969-1970

#15 – 1970-1972

#16 – 1970-1972

231  #17 – 1970-1971

#18 – 1970

#19 – 1970-1971

#20 – 1970-1971
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

231 (ARM File Cabinet) – Supplemental Agreement #21 – 1970-1971

#22 – 1971
#23 – 1971
#24 – 1971
#25 – 1971-1972
#26 – 1971-1978
#27 – 1971-1978
#28 – 1971-1972
#29 - 1972
#30 – 1972-1983
#31 – 1972
#32 – 1972
#33 – 1972
#34 – 1972-1975
#35 – 1972
#36 – 1972-1975
#37 – 1972
#38A – 1973-1974
#38 – 1973-1974
#39 – 1973
#40 – 1973
OFFICE OF THE NSF REPRESENTATIVE FOR DSDP SERIES (cont.)

231 (ARM File Cabinet) – Supplemental Agreement #63 – 1975

#64 – 1975

#65 – 1975

Change Order Modifications – 1977

Initial Reports (Correspondence) – 1968-1970

1971

1972-1973

DSDP CONTRACTS OFFICE SERIES

232 Amendment 16 – Closeout to GMI Subcontract NSF C482-3

Audit Report Information

Audits – 19975

Report to Congress: Audit 1972

GAO Audit

Audit 1979

DCAA Audit – CPFF Activity (Sit)

DCAA Audit of CPFF (Phase II)

Audit of DSDP – 1973

March 1977 Audit of LEDGO

Basic Contract/Letter of Contract (1966)

Basic Contract Amendments

Basic Contract Amendments
BOX      FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

232  Basic Contract Amendments

Basic Contract Amendments
Basic Contract Amendments
Basic Contract Amendments
Basic Contract Amendments
Basic Contract Amendments
Basic Contract Amendments
Basic Contract Amendments

233  Small/Disadvantaged Business Subcontracting Plan

Correspondence Re Small/Disadvantaged Bus.
Prime Contract Interpretations
Prime Contract – General Correspondence – 1966-1969
  1970-1977
  1977-1983
  1984-1985

Proposed Extensions of Prime Contract
Program Plan – General Correspondence (1966-1967)
  Initial 18 Month Period
  Budget Revision #1
  Budget Revision #1
  Initial 18 Month Correspondence
  Revision #1 – 30 Month Extension
DSDP CONTRACTS OFFICE SERIES (cont.)

233  Program Plan -- Revision #1 -- Supplemental Data

General Correspondence

Active Contracts & Grants/Outstanding Proposals

Correspondence Related to Phase Down Activities

Prime Contractor Reporting -- General Correspondence

Drilling Reports

Drilling Reports

234  Drilling Reports (1987)

Drilling Reports

234  Quarterly Financial Reports & Related Correspondence

Quarterly Financial Reports & Related Correspondence

Quarterly Financial Reports & Related Correspondence

Quarterly Reports

Old Reports Issued Quarterly

Old Reports Issued Quarterly

Old Reports

Old Reports

Old Reports

Old Reports Issued Quarterly

Old Reports

Old Reports Issued Quarterly (1966)
234  Special Reports of Major Events
   Initial Reports of DSDP
   Leg Site Selection Notifications
   Leg Site Selection Notifications
   Leg Site Selection Notifications
   Leg Site Selection Notifications
   Leg Site Selection Notifications
   Leg Site Selection Notifications
   Cruise Staffing Notification (Discarded, replicate)
   Contract Management Meetings (No Contents)

235  Vehicle Utilization Report
   SIO Policy for Chartering NON-SIO Vessels (Discarded)
   Initial Program Proposal – 1965
       1965-1967
   Extension Proposal #2854
   Logging Proposal #3556
   Phase III DSDP Extension (No Contents)
   UCSD No. 4136 – Operational Re-entry
   Proposed Program for Info Storage & Retrieval
   Plans for Phase IV Extension
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

235  Correspondence Related to IPOD (No contents)

5 July 1973 IPOD Proposal #6297 (No contents)

Correspondence Related to Evaluation

DSDP Phasedown/Demobilization (FY-84)

Disposition of Government Property (FY-84)

DSDP Phasedown (No contents)

UCSD Proposal #0240 Lithologic Data Bank

Pins/Mats

MSS/DARPA

MSS/DARPA

Proposed DARPA Program – Correspondence (No contents)

Proposed DARPA Program as Part of DSDP Operations

DARPA Correspondence Re Amendments

DARPA Correspondence

236  Proposed DARPA Program – Correspondence

Financial – General Correspondence 1970-1978

   1967-1970

Internal Cost Reports

Internal Cost Reports

Internal Cost Reports

UC Vouchers
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

236  UC Vouchers

UC Vouchers – (File #3) (No contents)

  (File #2) (No contents)

  (File #1) (No contents)

NSF Allowable Cost Approvals

Expenditure Notifications & Requests for Funding

Expenditure Notifications & Requests for Funding

Correspondence Related to the Budget

Correspondence Related to the Budget

Application of Indirect Cost Rates

237  Proposed Increase to Indirect Cost

Prime Contract Deliveries

Prime Contract Insurance

Waivers

Insurance File for visiting Russian Scientists

Form File – Attachment for Insurance Certificates (Discarded)

NSF Administrative Active & Delegations

Property & Facilities – General Correspondence (No contents)

Property Accountability (No contents)

Property Management Control

Sale of Government Property
BOX       FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

237       UC Property Control Procedures (No contents)
Use of UCSD/SIO Shops
Drill Pipe Sale
DSDP Facilities
Core Storage Facility
Radio Station WWD
Amendment #1 to LDGO
Amendment #2 to LDGO
License Agreement for Lab & Core Repository
East Coast Repository Lease Agreement – IPOD
East Coast Repository Renegotiation Agreement
Closeout of X-Ray Mineralogy Facilities at Riverside
UC Patent Agreements
Joides Agreement
Minutes of JOIDES Meetings – Aug 1972 – (Discarded, Duplicate)
JOI Inc.
Government Agencies Assistance
Industry Assistance
Foreign Scientists-Agreement for Use

238       Amendment Number 1
Number 2
DSDP CONTRACTS OFFICE SERIES (cont.)

238   Amendment Number 3
       Number 4
       Number 5
       Number 6
       Number 7
       Number 8
       Number 9
       Number 10

239   Number 11
       Number 12

Day Rate Increase Negotiations

Amendment Number 13
       Number 14
       Number 15

Supplemental Agreement #1
       #1A
       #1B
       #1C

Pricing Information Re Dynamic Positioning System

Supplemental Agreement #2
       #2A
DSDP CONTRACTS OFFICE SERIES (cont.)

239  Supplemental Agreement #3

#3A
#4
#4A
#5
#5A

240  #6

#7
#7A
#8
#8A
#8B
#8C
#8D
#8E
#9
#9A
#10
#10A
#11
#11A
Supplemental Agreement #12

#12A
#13
#13A
#14
#14A
#14B
#15
#15A
#16
#16A
#17
#17A
#18

#19
#19A
#20
#21
#21A
#22
#23
DSDP CONTRACTS OFFICE SERIES (cont.)

241  Supplemental Agreement #23A

    #23B
    #24
    #24A
    #25
    #25A
    #26
    #27
    #27A
    #28
    #28A
    #29
    #29A
    #30
    #30A
    #31
    #32
    #32A
    #33
    #33A
    #34
DSDP CONTRACTS OFFICE SERIES (cont.)

241  Installation of Temporary Storage/Workshop Facility

Supplemental Agreement #35

#35A
#36
#36A

242  #37

#37A
#38
#39
#39A
#40
#40A
#41
#41A
#42
#42A
#43
#43A
#44
#44A
#45
DSDP CONTRACTS OFFICE SERIES (cont.)

242  Supplemental Agreement #45A

  #46
  #46A
  #47
  #48
  #48A
  #49
  #49A

Leg 56 – Sea of Okhotsk Insurance

Supplemental Agreement #50

  #50A
  #51
  #51A
  #52
  #52A
  #52B

243  #53

  #54
  #55
  #55A
  #56
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>243</td>
<td>Supplemental Agreement #56A</td>
</tr>
</tbody>
</table>

#57  
#58  
#59  
#60  
#61  
#62  
#62A  
#63  
#63A  
#64  

<table>
<thead>
<tr>
<th>244</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>#65</td>
<td></td>
</tr>
<tr>
<td>#66</td>
<td></td>
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<td>#67</td>
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<td>#71A</td>
<td></td>
</tr>
<tr>
<td>#71B</td>
<td></td>
</tr>
<tr>
<td>#72</td>
<td></td>
</tr>
</tbody>
</table>
DSDP CONTRACTS OFFICE SERIES (cont.)

244  Supplemental Agreement #73

#74
#75
#75A
#76
#77
#78
#78A
#79
#80

245  Amendments-Index

Global Marine Subcontract

Basic Subcontract

GMI Subcontract – Amendment #1

#2
#3
#4
#5
#6 (No file)
#7

Amendment #8
Amendment #9

#10

#11

#12

Supplemental Agreement Index (No contents)

Supplemental Agreement #1

#2

#3

#4

#5

#6

#7

Change Orders 1-7

8-10

Supplemental Agreement #8 – Cost Backup

#8 – Backup

#8

#9

#10

#11

#12
DSDP CONTRACTS OFFICE SERIES (cont.)

Amendment #12
Supplemental Agreement #13
  #14
  #14 – Technical Backup
  #14 – Technical Backup
Supplemental Agreement #14A
  #15
  #15A
  #16
  #16A
  #17
  #18
  #19
  #19A
  #20
  #20A
  #20B
  #20C
  #20D
  #21
  #22
BOX    FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

246    Supplemental Agreement #23
       #24

247    #25
       #25A
       #25B
       #26
       #27
       #28
       #29
       #30
       #31
       #32
       #33
       #34
       #34A
       #35
       #35A
       #36 - Backup
       #36
       #36A
       #37
247  Supplemental Agreement #37 – Antarctic Insurance

   #38 – Pricing Section

   #38

   #38 – Heave Comp Technical Reports

248  #38 – Design Study Report

   #38 – Backup Materials & Work Copies

   #38 – Heave Comp Acceptance

   #38A

   #38B

   #39

   #40

   #41

   #42

   #42A

   #43

   #44

   #45

   #45A

   #46

   #47

   #48
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

249  Supplemental Agreement #49

#49A
#49B
#50
#51
#52
#53
#54
#55
#56
#57
#58
#59
#60
#60A
#61
#62
#63
#64
#65

#XX - Antarctic Program
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

249  Siemens Corporation – 1975

Midway Correspondence

Task Orders

Government Property Procedures

Prime Contractor Equipment Accountability

Transfer of Excess Personal Property from GSA

Extension (No contents)

Exercise of Option to Extend

Extension Logistics

Financial – (No contents)

Cost Reimbursable

General Correspondence

Fixed Price Items

GMI Requisitions & Purchase

Purchase Approvals (No Contents)

GMI Purchase Orders

Purchase Order Transmittals (No Contents)

Berthing Costs

Proposal (No Contents)

Design of Subsea Wellhead Preventer System

PPM Modification
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

249  Positioning System Evaluation

PCS Equipment

Removal of PCS Equipment

250  Unrecognized Proposals

Request for Proposal

Correspondence Concerning Proposed 2nd Extension (No contents)

Subcontract Extension Data for Price Analysis

Notes from Ocean Oil

Magazine Excerpts

Proposal – New Core Retrieval System for Challenger (No contents)

Reports (No contents)

Vessel Acceptance & Data #1

#2

Progress Reports – Ship Construction

Drilling Reports & Deck Logs

GMI Technical

Hydrophones & Hydrophone Wiring

Conference Reports

Engineering Data (No contents)

GMI Engineering Costs

Engineering Costs
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

250  Engineering & Construction – 1967
Certified Installation Drawings
Drill Pipe

   Brochures
Information & Replacement

Radar Capability Aboard Challenger
Installation of Rix Compressor
Vessel Instrumentation System
Vessel Modifications – Pictures
Formation Tester – 7 Feb 1973 Proposal (No contents)
Operations Data (No contents)
Operational Plan
   Revision #1
Logistical Operations
Logistics Costs
Ore Beacon Failures
Letters of Understanding & Interpretation – 1968-1969
   1969-1973
GMI Transporting Equipment
GMI Business
Correspondence Re Ad Valorem Taxes
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>SIO use of GMI Chartered Aircraft</td>
</tr>
<tr>
<td></td>
<td>Loss of Drill String &amp; Challenger Detainment at Anchor</td>
</tr>
<tr>
<td></td>
<td>Changes in Procedure for Procurement of Replacement Parts &amp; Equipment</td>
</tr>
<tr>
<td></td>
<td>General Correspondence – 1973-1976</td>
</tr>
<tr>
<td></td>
<td>1972-1973</td>
</tr>
<tr>
<td>251</td>
<td>1972</td>
</tr>
<tr>
<td></td>
<td>1967-1971</td>
</tr>
<tr>
<td></td>
<td>GMI General</td>
</tr>
<tr>
<td></td>
<td>General Correspondence other than GMI</td>
</tr>
<tr>
<td></td>
<td>General Administrative Notifications &amp; Procedures</td>
</tr>
<tr>
<td></td>
<td>Subcontract – GAO Access to Records</td>
</tr>
<tr>
<td></td>
<td>Chevron Equipment Loan</td>
</tr>
<tr>
<td></td>
<td>Ore File (Correspondence)</td>
</tr>
<tr>
<td></td>
<td>Riser Evaluation – Selection Procedures RFP #5B-24814-0 (No Contents)</td>
</tr>
<tr>
<td></td>
<td>Open Action Items Requesting GMI Written Response</td>
</tr>
<tr>
<td></td>
<td>Publicity</td>
</tr>
<tr>
<td></td>
<td>Vendors</td>
</tr>
<tr>
<td></td>
<td>NAVY Communications – 1973-1976</td>
</tr>
<tr>
<td></td>
<td>1970-1972</td>
</tr>
<tr>
<td></td>
<td>Procurement of Marine Fuel through DFSC</td>
</tr>
<tr>
<td></td>
<td>Fuel for the Challenger</td>
</tr>
</tbody>
</table>
251

Burns Phillips Request for Payment – SUVA

Miscellaneous Material Relating to GMI Business (No contents)

Masters (No contents)

Masters for Attachments to Johnson/Field Letter – 1971

Johnson/Field Letter – 1971

GMI Subcontract

Subcontract

GMI Subcontract

S/C (Subcontract)

Change Order Routing Forms

Change Order #1

#1A

#1B

#2

#2A

#3

#4

#5

#6

#7

#7A
Box: DSDP Contracts Office Series (cont.)

251

Change Order #8

- #9
- #10
- #11
- #12
- #12A
- #13
- #14
- #15
- #15A
- #15B
- #16
- #16A
- #16B

252

- #17
- #18
- #18A
- #19
- #19A
- #20

Wireline Package
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

252  RFP for Protective Coating of Casing

Documentation for Training GMI Employees in Non-Destructive Testing of Metals & Metal Products

Correspondence Re Marine Sanitation Device Standards

Supplemental Agreement #81
  #82
  #83
  #84
  #85
  #86
  #87
  #88
  #89
  #89A
  #90
  #91
  #92
  #92A

253  #93
     #93A
     #94
     #94A
Supplemental Agreement #95

#96

#97

#97A

#98

#99

#100

#101

Financial Information Re Global Marine INC

Financial Correspondence

GMI Quarterly Day Rate Forecast

General Correspondence

Subcontract Correspondence Other than GMI Subcontract

Jan 1979-xx

USGS Correspondence (Leg 44)

Sandline Problem & Correspondence

Mobilization Period Under UC NSF-C482-3

Miscellaneous Mobilization Work Papers

Proposal for Mods – 1976

Revised Procedures Under GMI Subcontract UC NSF-C482-3

Lost or Damaged Subcontractor’s Equipment
Drill Pipe Loss – 1982

Below the Rotary Table Equipment

Drill Pipe Status – 1983

Use of WWD TWX Services

Article 24 Uninsured Risks

Correspondence -- Noise Suppression on Fantail

Two-Component Ship’s Log

Wireline Cutting Capability

Publicity Releases & Publications

Correspondence -- AC Power & Distribution System

Increased Draft Capability – Challenger

Proposal for Additional Rig Mechanic

Elmago Brake System

Extension of Subcontract Term – UCSD-0862

5-Year Proposal

Correspondence -- Disposition of Downgraded Drill Pipe

RFP to Provide Full Time Weather Forecasting Capability

B. Orr Termination

Modification to Drill Pipe Guide

Derrick Damage – Leg 46

Heave Compensator Performance
DSDP CONTRACTS OFFICE SERIES (cont.)

254 Proposal for Intermediate Engineering Development of Key Areas of Glomar Explorer DSD Program

Vessel’s Deck Logs

Glomar Challenger Operational Deficiencies

Subcontractor’s Supply & Maintenance Obligation

Global Marine Inc. Maintenance Reliability Plan

U.S. Flag Carriers Subcontract

GMI Subcontract Concerning Medical/Compassionate Emergency Leave

Photographs Re Death Aboard Challenger – 1976

Logistics Reimbursement for Transportation of Personnel/Freight

Subcontract Insurance

Uninsured Risks of Ocean Drilling Vessel

Government Property Procedures – File #2

File #1

255 Property Acquired or Disposed Of

Correspondence Re Government Furnished Property & Annual Inventories

Deed of Gift to Smithsonian Institution

Wash Water Collection Piping System

GMDI Proposal – Convert Glomar Explorer for Deep Sea Drilling

ATT II – Specifications & Period of Performance

Amendment 1

Publicity – Conditions & Procedures
DSDP CONTRACTS OFFICE SERIES (cont.)

255  Third Party Advertising

Public Information Services

Contracts & Grants Procedure

Overtime

Procurement – General

Notes

Revision of General Conditions of Purchase

Advanced Procurement Plan

Gifts to the DSDP

Organization – General Correspondence (No contents)

NSF Organization

Organization – DSDP

Equal Opportunity Correspondence

Re-Entry Correspondence

Pre-Site Surveys

NSF Annual Report

FPR Transmittal Letters – File #1

    File #2

    File #3

    File #4

Travel Correspondence
255  Membership in Shipping Conferences

California Info Practices Act of 1977 & Related Correspondence

256  Subcontract Extension (1 of 3)

(2 of 3)

(3 of 3)

Request for Proposal

Proposed Amendment No. 6

Correspondence Re Request for Audit

Backup Leading to 1971 Proposal

Proposed Amendment #6 – Backup Material

Extra Copies of Amendment #6

Single Source RFP to GMI

Miscellaneous

Receipts from RFPs

General Correspondence

Subcontract Insurance

Papers Replaced in Subcontract Book

Ore- IPOD Ocean Margin Study

257  Proposal 4405 (Phase III)

Correspondence Related to Proposal 4405

UCSD Proposal #6297
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

257  Amendments to Proposal 6297

Subcontract

Request for Proposal

GMI Business Proposal

GMI Technical Proposal

Supporting Documentation for GMI Subcontract

Bidder’s Instructions/Information – 1966

Index – Subcontract Historical Files

Basic Contract

Planned Schedule for Processing Subcontract

Draft of Subcontract -- 1st

2nd

3rd

3rd

4th

4th

5th

5th

258  6th

6th

6th
Draft of Subcontract -- 6th

10/6/67 Changes to Subcontract

Berkeley Revision

Extra Pages -- Specifications & Special Conditions of Subcontract

SC 14 & B2 of Subcontract

Misc Copies -- General Conditions to Subcontract

Basic Subcontract

Basic Contract

Extra Pages – 15, 16 or Basic Contract

Correspondence -- W.R. Riedel Incoming and Outgoing -- 1966-1967


W.A. Nierenberg – 1967

Correspondence Regarding Regents’ Approval of Subcontract

Amendment #1 and Early Negotiations (No contents)

Selection Procedures – Backup Files

Correspondence, Criteria of Evaluation, Minutes of Meeting

RFP -- Opening 6/20/67 & Related Correspondence

Bidder’s Instructions & Information

Bidder’s Instructions & Information

Correspondence Related to Evaluation (No contents)
Box  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

258  RFP -- Correspondence Relative to Requirements Set Forth in RFP

Addendums

Blank Evaluation Worksheets, Drafts of Board Lists, Worksheets

GMI Response to Proposal

GMI Business Management Proposal

GMI Technical Proposal Vol. I

259  Appendices & Supplemental Data – Vol. II

GMI Evaluation Worksheets

SEDCO – Response to Proposal

Evaluation Worksheets

Ocean Science & Engineering -- Response (No contents)

Evaluation Worksheets

Offshore Response to RFP (No contents)

Offshore Ship Specifications & Characteristics (No contents)

Offshore Related Reports

Cost Proposal

Offshore Technical Proposal

Offshore Drill Pipe Design

Offshore Evaluation Worksheets

Seamole International -- Response to RFP

Evaluation Worksheets
Silverman’s Evaluation Worksheets (No contents)
Letters Transmitting Technical Proposals to Board Members
Review Comments on GMI Technical Proposal
Southwestern Response – Business Proposal (No contents)
Southwestern Technical Proposal (No contents)
Southwestern Evaluation Worksheets
9/11/67 Meeting
9/15/67 Meeting
Pre-Negotiations Meeting 27 Sept 1967
10/18-10/20/67 Meetings
10/25/67 Meeting
12/8/67 Meeting
19 Sept 1966 NESCO Ship Stabilizer System Meeting
28 Feb 1967 Proposers Meeting – Questions and Answers
Transcription of Proposers’ Conference Tapes
22 May 1967 Well Logging
Minutes of Selection Committee Meeting 9/5/67
Correspondence Related to Evaluation
26 July 1967 Minutes of Business Evaluation Board Meeting
1/29/68 Meeting
Reports – Drill Rig
BOX FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

259 Reports -- T-2 Tanker

   Core Description Manual
   Core Description Manual
   Core Description Manual – Biostratigraphy
   Presentations Re: Steam Powered Drilling Ships
   Methods to Penetrate Hard Formations in Deep Ocean Basins
   26 November 1962 Cost Studies of Mohole Project Vessels
   Concept for Coring In Deep Ocean Waters
   Operations Data – Operations Plan
   Correspondence Related to Negotiations to Extend Subcontract
   Subcontract – 1967
   RFP – 1967
   GMI Insurance Policies

260 Revised Program Plan & Reporting Requirements

   GMI Insurance Policies
   Extra Copies of GMI Insurance
   Glomar Explorer
   Clippings
   SIO Management Plan
   Request for Proposal – 1975

260 DSD Riser System – RFP
BOX     FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

260   Forms

Record of Incoming Correspondence 1972-1981

Texas A&M – Lease – 1985-1986

Contracts Office Correspondence – 1987

  1986
  1985
  1984
  1983
  1982
  1981
    July-Dec 1980
    Jan-June 1980
    July-Dec 1979
    Jan-June 1979
    July-Dec 1978

261   Jan-June 1978

  July-Dec 1977
  Jan-June 1977
  Aug-Dec 1976
  Jan-July 1976
    July-Dec 1975
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

261  Contracts Office Correspondence -- Jan-June 1975

GMI Invoice Log – 1982-1984

Record of Incoming Correspondence – 1982-1987

Record of GMI Incoming & Outgoing Correspondence – 1979-1984

  1970-1978

Amendment #1 (Program Plan for FY 76)

  #2 LDGO

  #3 LDGO

  #4

  #5 Revised Program Plan – 1977

262  #5

  #6

  #7

  #8

  #9

Site Survey Program Plan Statement FY 1979

LDGO Originals

GMI S7C-3 Originals

Policies & Procedures – General (No contents)

DSDP Policies & Procedures 1983-1985

  1972-1982
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>262</td>
<td>DSDP Policies &amp; Procedures -- 1969-1975</td>
</tr>
<tr>
<td></td>
<td>File Procedures</td>
</tr>
<tr>
<td></td>
<td>Mail System</td>
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<tr>
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<td>FTS Correspondence &amp; Record of Office Calls</td>
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<td>Procedures for Travel Authorizations &amp; Approvals</td>
</tr>
<tr>
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<td>DSD Policy Review – 1977</td>
</tr>
<tr>
<td></td>
<td>UC Directive &amp; Information 1982-1987</td>
</tr>
<tr>
<td></td>
<td>1968-1981</td>
</tr>
<tr>
<td></td>
<td>UCSD Research Administration Newsletter</td>
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<tr>
<td></td>
<td>UCSD Policy &amp; Procedure Manuals (Discarded)</td>
</tr>
<tr>
<td></td>
<td>Financial – General (No contents)</td>
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<tr>
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<td>Budget Revision “A” Extension</td>
</tr>
<tr>
<td></td>
<td>Budget Data – NSF Presentation 1971</td>
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<tr>
<td></td>
<td>Management Development – General</td>
</tr>
<tr>
<td></td>
<td>Supervisory Training Programs</td>
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<tr>
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<td>Challenger of Leadership Files (No contents)</td>
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<td>Mission Correspondence – General</td>
</tr>
<tr>
<td></td>
<td>General Correspondence -- Science</td>
</tr>
<tr>
<td>263</td>
<td>Engineering</td>
</tr>
<tr>
<td></td>
<td>Operations (No contents)</td>
</tr>
<tr>
<td></td>
<td>Headquarters (No contents)</td>
</tr>
</tbody>
</table>
BOX   FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

263   General Correspondence -- UC Riverside

Work Status Reports (No contents)

Work Status Report Forms

Weekly Status to SIO

R.E. Bates’ Weekly Reports to Contracts Office

Facilities & Equipment – General (No contents)

GURC

Electronics Computation Equipment

Computer Program for Project Control (No contents)

Drilling Center

Equipment vs. S&E: Overhead

Organization – General (No Contents)

Organization Survey

Organizational Survey

Industry Participation – General

Industrial Conference Reports

Third Party Projects – General (No Contents)

Encyclopedia Britannica

R.S. Bower Correspondence – Jan-Mar 1974

Oct-Dec 1973

N.J. Sattler Correspondence – July 1973/R.S. Bower Correspondence Aug-Sept 1973
263  R.S Bower Correspondence – July-Sept 1975
    July-Sept 1975
    Apr-June 1974
    Apr-June 1975
    Jan-Mar 1975
    Oct-Dec 1974
    Apr-June 1976
    Jan-Mar 1976
    Oct-Dec 1975
    Oct-Dec 1976

264  July-Sept 1976
    April-June 1977
    Jan-Mar 1977
    July-Sept 1977
    Oct-Dec 1977
    Jan-Mar 1978
    Apr-June 1978
    July-Sept 1978

N.J. Sattler Correspondence – Apr-June 1973
    Jan-Mar 1973
    Sept-Dec 1972
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

264  N.J. Sattler Correspondence – June-Aug 1972

   Mar-May 1972
   Dec 1971-Mar 1972
   Aug-Nov 1971
   May-July 1971
   Jan-Apr 1971
   Aug-Dec 1970

DSDP Contracts Office Outgoing Correspondence – July-Dec 1974 (No contents)

Riser Correspondence & Proposals -- General Conditions of Purchase

   10,000’ Riser Business Evaluation

265  Riser Evaluation-Selection Procedures

   Exhibit A
   Master – S/A-1 as Amended by 1A
       45 AS Amended by 45A
       S/A60 as Amended by 60A

Riser Originals

Riser
Riser
Riser
Riser
Riser
BOX  FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

265  Riser Correspondence & Proposals -- IR Typesetting Quotes

  IR Typesetting Quotes
  Riser
  Riser
  Riser
  Riser
  Riser
  Riser
  Riser

266  Riser
  Riser
  Riser

Schlumberger Logging Files; Suntech Contractual File; Various LDGO Program Plans, etc. – Rental Agreement with Schlumberger Offshore Services

  Rental & Service Agreement – Gearhart-Owen
  Schlumberger Price Schedules & 1975 Annual Report
  Original Rental & Service Agreement
  Projected Logging Costs for FY-79
  Schlumberger
  Logging Program for Leg 57 between UC & Univ of Tokyo
  Schlumberger Extension for Legs 51 & 52
  Schlumberger Offshore Services – Commencing Leg 57
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>266</td>
<td>Schlumberger Logging Files; Suntech Contractual File; Various LDGO Program Plans, etc. – Suntech, Inc. Contractual Matters</td>
</tr>
<tr>
<td></td>
<td>Leg 53 – Services of Schlumberger Engineer</td>
</tr>
<tr>
<td></td>
<td>UC/Jack Kinley Contract</td>
</tr>
<tr>
<td>267</td>
<td>Drill Bit Motion Instrument</td>
</tr>
<tr>
<td></td>
<td>IPOD/LDGO Proposal - 1977</td>
</tr>
<tr>
<td></td>
<td>Suntech – (VMI)</td>
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<tr>
<td></td>
<td>Russian Logging Program</td>
</tr>
<tr>
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<td>Supplemental Agreements</td>
</tr>
<tr>
<td></td>
<td>Supplemental Agreements</td>
</tr>
<tr>
<td></td>
<td>Deputy Project Manager Files – R.S. Bower Correspondence – Jan-Oct 1985</td>
</tr>
<tr>
<td></td>
<td>Jan-Dec 1984</td>
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<td>Oct-Dec 1983</td>
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<tr>
<td></td>
<td>July-Sept 1981</td>
</tr>
</tbody>
</table>
BOX      FOLDER TITLE

DSDP CONTRACTS OFFICE SERIES (cont.)

267  Deputy Project Manager Files – R.S. Bower Correspondence – Apr-June 1981

   Jan-Mar 1981
   Oct-Dec 1980
   July-Sept 1980
   Apr-June 1980
   Jan-Mar 1980
   Oct-Dec 1979

PRODUCTION AND PUBLICATIONS SERIES

268  Info on Availability of Publications

   Guide to Publications / Investigations

   Guide to Phase I Core Material

   Guide to Atlantic Core Material

   Guide to Pacific Core Material

   Guide to Gulf of Mexico / Caribbean / Mediterranean Core Material

   Guide to Phase II Core Material

   Guide to Indian Ocean Core Material

   Data #1-13

   Scientific Participation in DSDP by Country

   DSDP Affiliated Scientists & Institutions (Book 1 of 3)

   (Book 2 of 3)

   (Book 3 of 3)
BOX  FOLDER TITLE

PRODUCTION AND PUBLICATIONS SERIES (cont.)

268  Keyword Index-- Investigations
    Papers
    IPOD Site Surveys (1 of 2)
    (2 of 2)
    SP4 Manual
    Errata for Volumes 1-44
    Errata
    Shipboard Manual – 1973
    1979
    Initial Reports & ICD Production History
    Legs 1-96 Summary
    Production Memos
    Production Log Sheets
    Reference Material for Editors
    Manual for DSDP Document Tracking System

269  Table of Contents
    Format
    Site Information – Legs 1-96
    Science Services Booklet
    Instructions to Free-Lance Authors
    Pub. Info. & Document Tracking Materials
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>269</td>
<td>PRODUCTION AND PUBLICATIONS SERIES (cont.)</td>
</tr>
</tbody>
</table>

- DSDP Publications Distribution Manual
- Lab Ops & Special Equip Summary Reports – Legs 1-96
- Forms used for IR Production
- Topography of Oceans with DSDP Sites
- Leg 10 History (example of IR Production Process)
- Leg 42A History (example of IR Production Process)
- Leg 42B History (example of IR Production Process)
- Leg 93 History (example of IR Production Process)
- Leg 96 History (example of IR Production Process)
- Typesetting RFQ Info – 1976
  - 1979
  - 1982
- Subcontractor Problem File
- Cost Savings / Improvements
- Trudy Wood’s File Cabinet in East Building – Correspondence – Miscellaneous
  - Technical Reports & Notes
  - Initial Reports -- Correspondence – NSF
  - Distributions
  - Correspondence – U.S.
  - Foreign
  - IPOD

   Government Printing Office – Distribution List
   IR Distribution List – 1969-1976
   DSDP IR Distribution – 1969-1975
   IR Distribution – 1969-1975

270  Pub. Distribution – Policy

   IPOD Countries
   Depository Libs.
   List Coordination
   SSPDL – How to Distribute
   ICD to Fiche / Other Notices
   Change from ‘Geotimes’ to ‘GSA Bulletin’
   JOIDES Office - Correspondence
   JOIDES Panel Info

Files from Secretary Office of the Info Handling Group/ Science Services (Janie Vargas) – Vargas Correspondence: 2/85-2/87

   Initial Reports -- Inventory
   General Correspondence
   Related Information
   Keyword Index
   Initial Reports – Microfilm/fiche Correspondence
PRODUCTION AND PUBLICATIONS SERIES (cont.)

270 Files from Secretary Office of the Info Handling Group/Science Services (Janie Vargas) – Initial Reports – Microfilm/fiche Order Log

Gratis Fiche/Film

Geological Map of the Indian Ocean – Distribution

Correspondence

Complete Packages Sent

Initial Reports Order Forms

DSDP Publications Distribution Manual

Data Distribution Policy

Initial Reports – Excess Distribution – Form Letters

Distribution Problems (from Printers Mailing)

Major Shipments 1985-1986 – General Information & Korea

Shipment – China

Paleo Reference Centers

New Zealand #2

Japan #3

USSR #4

SIO #5

TAMU #6

LDGO #7

WCR #8

Basel, Switzerland #9
PRODUCTION AND PUBLICATIONS SERIES (cont.)

270 Files from Secretary Office of the Info Handling Group/ Science Services (Janie Vargas) – Initial Reports – Shipment – Excess Shipments to TAMU

Indexer

Microfilming / Archive

Shipment – European Science Foundation

Misc. Form Masters

Initial Reports – Shipment

Discretionary Copies – Correspondence – 1986

Open Requests

Initial Reports – Discretionary Copies – Correspondence – Jan-Mar 1985

Mar-Aug 1985

Aug-Dec 1985

Jan-Apr 1984

May-July 1984

Aug-Sept 1984

Oct-Dec 1984

Jan-May 1983

June 1983

July 1983

271

Aug-Dec 1983

Jan-June 1982

July-Dec 1982
BOX  FOLDER TITLE

PRODUCTION AND PUBLICATIONS SERIES (cont.)

272   Files from Secretary Office of the Info Handling Group/Science Services (Janie Vargas) – Initial Reports – Discretionary Copies – Correspondence – 1981

1980

1979-1980

1978-1979

Closed U.S. Requests for Excess Initial Reports (Dead Letter File 1985-1986)

Closed Foreign Requests for Excess Initial Reports (Dead Letter File 1984-1985)

Completed Misc. Business

273   Production and Publications (1 of 5)

(2 of 5)

(3 of 5)

(4 of 5)

(5 of 5)

INITIAL CORE DESCRIPTIONS SERIES

274   Leg 27

Leg 28

Leg 29

Leg 30

Leg 31

Leg 32

Leg 33
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>274</td>
<td>INITIAL CORE DESCRIPTIONS SERIES (cont.)</td>
</tr>
<tr>
<td></td>
<td>Leg 34</td>
</tr>
<tr>
<td></td>
<td>Leg 35</td>
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<td>Leg 36</td>
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<td>Leg 42A</td>
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<td>Leg 42B</td>
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<td>Leg 43</td>
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<td>Leg 44 &amp; 44A</td>
</tr>
<tr>
<td></td>
<td>Leg 45</td>
</tr>
<tr>
<td></td>
<td>Leg 46</td>
</tr>
<tr>
<td></td>
<td>Legs 47A &amp; 47B</td>
</tr>
<tr>
<td></td>
<td>Leg 48</td>
</tr>
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<td>Leg 49</td>
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<td>Leg 50</td>
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<td>Legs 51-53</td>
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<tr>
<td></td>
<td>INITIAL CORE DESCRIPTIONS SERIES (cont.)</td>
</tr>
<tr>
<td>274</td>
<td>Leg 56</td>
</tr>
<tr>
<td></td>
<td>Leg 57</td>
</tr>
<tr>
<td></td>
<td>Leg 58</td>
</tr>
<tr>
<td>275</td>
<td>Leg 59</td>
</tr>
<tr>
<td></td>
<td>Leg 60</td>
</tr>
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<td>Leg 61</td>
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<td>Leg 67</td>
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<td>Leg 68</td>
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<td>Legs 68, 69, 70</td>
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<td>Leg 74</td>
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<tr>
<td>275</td>
<td>Leg 86</td>
</tr>
<tr>
<td></td>
<td>Leg 87A &amp; 87B</td>
</tr>
<tr>
<td></td>
<td>Legs 88 &amp; 91</td>
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<td>Leg 89</td>
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</tr>
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</tr>
<tr>
<td></td>
<td><strong>TECHNICAL REPORTS AND TECHNICAL NOTES SERIES</strong></td>
</tr>
<tr>
<td>276</td>
<td>TR-1 Operations Resume Legs 1-18</td>
</tr>
<tr>
<td></td>
<td>TR-2 Re-entry</td>
</tr>
<tr>
<td></td>
<td>TR-3 Dynamic Positioning</td>
</tr>
<tr>
<td></td>
<td>TR-4 Drill String</td>
</tr>
<tr>
<td></td>
<td>TR-5 Operations Resume Legs 19-25</td>
</tr>
<tr>
<td></td>
<td>TR-6 Core Bits</td>
</tr>
<tr>
<td></td>
<td>TR-7 Operations Resume Legs 26-33</td>
</tr>
<tr>
<td></td>
<td>TR-8 Operations Resume Legs 34-44</td>
</tr>
<tr>
<td></td>
<td>TR-9 Soils Study Continental Margin Sites</td>
</tr>
<tr>
<td></td>
<td>TR-10 Operations Resume Legs 45-54</td>
</tr>
</tbody>
</table>
TECHNICAL REPORTS AND TECHNICAL NOTES SERIES (cont.)

TR-11 Operations Resume Legs 55-70
TR-12 Design & Operations of Hydraulic Piston Corer
TR-13 Re-entry Cone – Multiple Casing Hanger Systems
TR-14 Drill String Failure Analysis
TR-15 Aluminum Drill Pipe / Heavy Wall Drilling Joints
TR-16 Wireline Pressure Core Barrel
TR-17 Mechanical & Hydraulic Bit Releases
TR-18 Operations Resume Legs 71-84
TR-19 Operations Resume Legs 85-96
TR-20 Design and Operation of Extended Core Barrel
TR-21 Design and Operation of Advanced Hydraulic Piston Corer
TR-22 Analysis / Measurement of Long Drill String Stress
TR-23 Operations Plan

Technical Note No. 1
No. 2
No. 3
No. 4
No. 5
No. 6

MICROFILMS SERIES

JOIDES Executive Committee – 1964-Sept 1974
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MICROFILMS SERIES (cont.)</td>
</tr>
</tbody>
</table>
| 277 | JOIDES Executive Committee – Oct 1974-Dec 1981  
1982-June 1985 |
|     | JOIDES Planning Committee – 1964-Sept 1973  
Oct 1973-Dec 1978  
Jan 1979-April 1985 |
|     | TOTCO Records (Core & Drilling Bit Records) – Aug 1968-Aug 1969  
Aug 1969-Apr 1970  
Apr 1970-Sept 1970  
Mar 1972-Oct 1973 |
| 278 | Dec 1973-Nov 1976  
Dec 1976-Apr 1979  
May 1979-Sept 1981  
Sept 1981-Nov 1983 |
|     | IADC Daily Drilling Reports – June 1968-Jan 1970  
Feb 1970-Nov 1971  
Nov 1971-Feb 1973  
Feb 1973-May 1974  
May 1974-Oct 1974 |
| 279 | Oct 1976-Mar 1977  
Mar 1977-Nov 1978 |
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>279</td>
<td><strong>MICROFILMS SERIES (cont.)</strong></td>
</tr>
<tr>
<td></td>
<td>IADC Daily Drilling Reports – Nov 1978-June 1980</td>
</tr>
<tr>
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<td>June 1980-Mar 1982</td>
</tr>
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<td>Mar 1982-Nov 1983</td>
</tr>
</tbody>
</table>
VHS videotapes -- Deep Sea Drilling Project, a Video Show, by Victor S. Sotelo. March 10, 1984. Video in five parts, compiled by crew member Victor S. Sotelo on the D/V Challenger (ship) during Leg 94, film footage taken during October through November 1984 (part 1 is two tapes)

Umatic videotape -- Experimental Deep Water Drilling Project Mohole. 1961. National Science Foundation. Film shows how the original testing of a modified oil drilling ship, the first drilling of cores and their recovery for a scientific ocean drilling project called Project Mohole. Film begins with scenes of Scripps Institution of Oceanography, and then with an explanation of the earth’s core using diagrams and how “Project Mohole” got its name. A diagram is shown explaining how the drilling will take place using the D/V CUSS I (Ship) with some modification for the drilling experiment, then scenes of the first experimental drilling site 18 miles from La Jolla. Film continues with sea tests of the ship to determine stability and core recovery, and finally leading to the first primary drilling site near Guadalupe Island just 230 miles south of San Diego with the actual drill site 45 miles east of the island. Scientists Walter Munk, William R. Riedel and Willard Bascom can be seen in this film.

Umatic Videotape -- Earth Beneath the Sea. n.d. In Russian language, Russian film

Umatic Videotape -- Discovery in the Deep. 1977. National Science Foundation. Begins with scenes of the R/V Glomar Challenger, and how it was used to drill into the ocean floor in order to take samples from the Mid-Atlantic Drift in order to prove the theory of sea floor spreading to create the continents from one or two large land masses.


Single VHS Videotape with two programs

Program 1: That Very Special Ship. 1972. National Science Foundation. Explores the work of the Glomar Challenger, a research vessel which sails from the tropics to the Antarctic searching for information from the crust of the Earth which will answer questions about the origins of the planet and its continents. Covers the Deep Sea Drilling project
280  Single VHS Videotape with two programs


281  Photographs -- Challenger at Sea

HMS Challenger, Glomar Challenger

Ship’s Track, 1968-Feb 1983

Sites Drilled, 1968-Feb 1983

HMS Challenger and Track

IPOD Information Sheet, 1983

Dynamic Positioning and Re-entry (graphic)

Queen Elizabeth’s Visit to SIO

Photographs – Peterson and Lancelot

Re-entry Cones

281  Photographs – Rig Floor Operations

Challenger’s Track Map

Glomar Challenger

Leg 37 Co-Chiefs (Melson and Aumento)

West Coast Repository [cores]

Microfossils

Launching of Glomar Challenger, 23 March 1968
BOX  FOLDER TITLE

VIDEO CASSETTES, PHOTOGRAPHS, PRESS MATERIAL SERIES (cont.)

281  Photographs – Demobilization of Glomar Challenger, November 1983

    Negatives: Passport, Re-entry, Maps, Misc.

Memorabilia: old core labels, DSDP stickers, MTS citation, Alligator boxes, IPOD plaque

Russian Text to IPOD Pamphlet

DSDP Keyword Index

DSDP Anniversary Plaques

DSDP, IPOD, GMI Pamphlets

Sample DSDP Press Kits -- 1968-1969

    Circa 1972-1973

    1974

    Circa 1975

    Mid-1975

    IPOD 1978

DSDP Brochures and “Oceans” Article
BOX  FOLDER TITLE

NADIR OF DSDP – ADDENDA SERIES

282  Tom Wiley’s Office – Engineering 1968

   Global Marine Meetings 1967
   Global Marine Proposals 1967
   Glomar Challenger Specifications 1967-1968
   Internal Business Meeting 1967
   Marine Panel 1967
   Mast 1967
   Negotiation Meeting 1967
   Meetings with Petroleum Companies 1967
   Organization 1968-1969
   Plan for Public Information 1968
   Program Extension: Negotiations with GMI 1969-1971
   Technical Evaluation Meetings 1967-1968
   Subcontract 1967
   Well Logging Meeting 1967
   Program Plan 1966
   Proposal/Proposal Board 1967
   Proposer’s Conference (no contents)
   RFQ Opening 1967
   Review of Specifications of Subcontract 1967
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>282</td>
<td>Tom Wiley’s Office – Selection Committee Meeting 1967</td>
</tr>
<tr>
<td></td>
<td>AMSOC 1957</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous – 1965-1969</td>
</tr>
<tr>
<td></td>
<td>1970-1977</td>
</tr>
<tr>
<td></td>
<td>Glomar Challenger 1982</td>
</tr>
<tr>
<td></td>
<td>AMSOC, Experimental Drilling in Deep Water 1961</td>
</tr>
<tr>
<td></td>
<td>Operations &amp; Engineering – Reverse Circulation &amp; Riser Info</td>
</tr>
<tr>
<td></td>
<td>Folder 1 of 8</td>
</tr>
<tr>
<td></td>
<td>Folder 2 of 8</td>
</tr>
<tr>
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<td>Folder 3 of 8</td>
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<td>Folder 4 of 8</td>
</tr>
<tr>
<td></td>
<td>Folder 5 of 8</td>
</tr>
<tr>
<td></td>
<td>Folder 6 of 8</td>
</tr>
<tr>
<td></td>
<td>Folder 7 of 8</td>
</tr>
<tr>
<td></td>
<td>Folder 8 of 8</td>
</tr>
<tr>
<td>283</td>
<td>Manuals</td>
</tr>
<tr>
<td></td>
<td>1967-1969</td>
</tr>
<tr>
<td></td>
<td>1970-1973</td>
</tr>
<tr>
<td></td>
<td>Siemens Corp. RFQ 1975</td>
</tr>
<tr>
<td></td>
<td>MNA Peterson – JOI Proposal for JOIDES Program &amp; Site Survey FY’82-‘83</td>
</tr>
</tbody>
</table>
NADIR OF DSDP – ADDENDA SERIES (cont.)

283 MNA Peterson – Re-entry Cone/ Dual Casing Hanger System 1975
   Leg 85 Sorted Index – Book 1 of 2
   Book 2 of 2

284 Proposal, Engineering Design of Long Coring Facility 1979
   Vane Data
   Vu-Graphs used at presentations, mostly NSF

Final Day of DSDP 30 April 1987 (files from office/desk clearing & closing) –
DSDP Computer Group -- DSDP Database Archive Tape Reports
   DSDP Database Descriptions
   Logistics – Equipment Transfer to TAMU
   Info Handling Group – DASI Database (1 of 2)
      (2 of 2)
   JOIDES Journal Distribution
   Initial Report Storage (Contracts & POs)
   Initial Report Transfer to ODP

Contracts – GMI Closeout
   IPOD / Foreign Affiliates 1974-1979

WWD/WNCU Messages – Sept-Nov 1983
   Jan-May 1984
   June 1984-Aug 1985

Post-DSDP Closure received from MNA Peterson – Operational Plan
DSDP 1969
NADIR OF DSDP – ADDENDA SERIES (cont.)

284 Final Day of DSDP 30 April 1987 (files from office/desk clearing & closing) – Post-DSDP Closure received from MNA Peterson – Mud Cross Cutting Removal System 1973

- Photo / Slide / Movie Distribution 1978-1987
- P.R. DSDP Information 1983-1987
- Tile Distribution, 15th Anniversary, 1983-1984
- Leg 97, DSDP Reunion, Dec 1983
- DSDP Publications Distribution Manual 1980
- Yeoman Handbook 1982
- Archiving Questionnaire
- Archiving Notes

PERSONNEL, JOB DESCRIPTIONS AND POLICIES SERIES

285 Job Cards A-Z

Job Descriptions A-Z

Job Description Master, Chief Scientist

- Assistant Chief Scientists
- Cruise Chief Scientist
- Cruise Operations Manager
- Curatorial Assistant (Rep.)
- Science Editor
- Senior Editor
Job Description Master, Illustrator / Senior Illustrator

Key Entry Operator
Lab Officer
Marine Tech I
Marine Tech II
Marine Tech Trainee
Sea-Going Paleotech.
Senior Photographer / Photographer
Research Assoc. II (aka “Marine Tech”)
Research Assoc. III (aka “Marine Tech”)
Research Assoc. IV (aka “Marine Tech”)
Shipboard Scientist / Cruise Participant
Staff Scientist
Weatherman / Staff Res. Assoc. III
Yeoman
Graduate Student / Research Assistant
Student Positions
X-Ray Lab at UCR

Organization Charts

Policies – Personnel Administration

Standing Policies Including Personnel
<table>
<thead>
<tr>
<th>BOX</th>
<th>FOLDER TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>286</td>
<td>ROLODEXES SERIES</td>
</tr>
<tr>
<td></td>
<td>[Undescribed]</td>
</tr>
<tr>
<td>287</td>
<td>MICROFICHE SERIES</td>
</tr>
<tr>
<td></td>
<td>[Undescribed]</td>
</tr>
<tr>
<td>288</td>
<td>INITIAL REPORT DISTRIBUTION LISTS; DSDP PARTICIPATION BY COUNTRY; RECIPIENTS OF DSDP CORE MATERIAL; SUMMARY BUDGETS (1968-1969); NOTES OF GMI NEGOTIATIONS FOR IPOD SERIES</td>
</tr>
<tr>
<td>289</td>
<td>CRUISE STAFFING SERIES</td>
</tr>
<tr>
<td></td>
<td>Early Staffing of Ship/Foreign Participants</td>
</tr>
<tr>
<td></td>
<td>1971-1974</td>
</tr>
<tr>
<td></td>
<td>Cruise Rosters – Legs 1-25</td>
</tr>
<tr>
<td></td>
<td>Legs 26-50</td>
</tr>
<tr>
<td></td>
<td>Legs 51-75</td>
</tr>
<tr>
<td></td>
<td>Legs 76-96</td>
</tr>
<tr>
<td></td>
<td>Index – Participants -- GMI, Alphabetical, Leg, Scientific</td>
</tr>
<tr>
<td></td>
<td>Technical, US States, Foreign</td>
</tr>
<tr>
<td></td>
<td>Folders 10-96: Abbott – Barton</td>
</tr>
<tr>
<td>290</td>
<td>Folders 1-130: Basov – Caldwell</td>
</tr>
<tr>
<td>291</td>
<td>Folders 1-140: Cambon – Dmitriev</td>
</tr>
<tr>
<td>292</td>
<td>Folders 1-120: Dodge – Fuller</td>
</tr>
<tr>
<td>293</td>
<td>Folders 1-133: Funnell – Henry</td>
</tr>
<tr>
<td>BOX</td>
<td>FOLDER TITLE</td>
</tr>
<tr>
<td>-----</td>
<td>--------------</td>
</tr>
<tr>
<td>294</td>
<td>Folders 1-132: Herb – Kelgwin</td>
</tr>
<tr>
<td>295</td>
<td>Folders 1-124: Keller – Lister</td>
</tr>
<tr>
<td>296</td>
<td>Folders 1-136: Lloyd – Milton</td>
</tr>
<tr>
<td>297</td>
<td>Folders 1-148: Minch – Pautot</td>
</tr>
<tr>
<td>298</td>
<td>Folders 1-133: Pavoni – Rottman</td>
</tr>
<tr>
<td>299</td>
<td>Folders 1-120: Roy – Slater</td>
</tr>
<tr>
<td>300</td>
<td>Folders 1-142: Sliter – Van der Weijden</td>
</tr>
<tr>
<td>301</td>
<td>Folders 1-128: Vaos - Zumberge</td>
</tr>
<tr>
<td></td>
<td><strong>HOLE SUMMARIES SERIES</strong></td>
</tr>
<tr>
<td>302</td>
<td>Hole Summaries -- Legs 1-7</td>
</tr>
<tr>
<td>303</td>
<td>Legs 8-13</td>
</tr>
<tr>
<td>304</td>
<td>Legs 14-18</td>
</tr>
<tr>
<td>305</td>
<td>Legs 19-23</td>
</tr>
<tr>
<td>306</td>
<td>Legs 23-26</td>
</tr>
<tr>
<td>307</td>
<td>Legs 27-30</td>
</tr>
<tr>
<td>308</td>
<td>Legs 31-36</td>
</tr>
<tr>
<td>309</td>
<td>Legs 37-43</td>
</tr>
<tr>
<td>310</td>
<td>Legs 44-50</td>
</tr>
<tr>
<td>311</td>
<td>Legs 51-58</td>
</tr>
<tr>
<td>312</td>
<td>Legs 58-64</td>
</tr>
<tr>
<td>313</td>
<td>Legs 64-69</td>
</tr>
<tr>
<td>BOX</td>
<td>FOLDER TITLE</td>
</tr>
<tr>
<td>-----</td>
<td>--------------</td>
</tr>
<tr>
<td>314</td>
<td>Hole Summaries -- Legs 70-75</td>
</tr>
<tr>
<td>315</td>
<td>Legs 76-81</td>
</tr>
<tr>
<td>316</td>
<td>Legs 81-87</td>
</tr>
<tr>
<td>317</td>
<td>Legs 88-93</td>
</tr>
<tr>
<td>318</td>
<td>Legs 94-96</td>
</tr>
<tr>
<td>318</td>
<td>Lab Officer Information – Legs 3, 5-8</td>
</tr>
<tr>
<td>319</td>
<td>Legs 9-18</td>
</tr>
<tr>
<td>320</td>
<td>Legs 19-26</td>
</tr>
<tr>
<td>321</td>
<td>Legs 27-34</td>
</tr>
<tr>
<td>322</td>
<td>Legs 35-41</td>
</tr>
<tr>
<td>323</td>
<td>Legs 42-47</td>
</tr>
<tr>
<td>324</td>
<td>Legs 48-54</td>
</tr>
<tr>
<td>325</td>
<td>Legs 55-61</td>
</tr>
<tr>
<td>326</td>
<td>Legs 62-67</td>
</tr>
<tr>
<td>327</td>
<td>Legs 68-73</td>
</tr>
<tr>
<td>328</td>
<td>Legs 74-80</td>
</tr>
<tr>
<td>329</td>
<td>Legs 81-87</td>
</tr>
<tr>
<td>330</td>
<td>Legs 88-93</td>
</tr>
<tr>
<td>331</td>
<td>Legs 94-96</td>
</tr>
<tr>
<td>BOX</td>
<td>FOLDER TITLE</td>
</tr>
<tr>
<td>-----</td>
<td>--------------</td>
</tr>
<tr>
<td>331</td>
<td>Framework – Legs 1-14</td>
</tr>
<tr>
<td>332</td>
<td>Legs 15-36</td>
</tr>
<tr>
<td>333</td>
<td>Legs 37-58</td>
</tr>
<tr>
<td>334</td>
<td>Legs 59-79</td>
</tr>
<tr>
<td>335</td>
<td>Legs 80-96</td>
</tr>
</tbody>
</table>
BOX  FOLDER TITLE

PHOTOGRAPHS SERIES

335  Slides – Reid 1-100

  2"x2" 35 mm slide, red pipe being hoisted up
  2"x2" 35 mm slide, aerial shot of red pipe on ship deck
  2"x2" 35 mm slide, men with red and black colored pipe laid out on ship deck

336  Deep Sea Drilling, Color Slides (55 mm), Challenger Views, Rig-Floor Ops., Shipboard Misc., Shipboard Personnel” [July 1968]

  3"x3" 55 mm slide, close up of ship on Pacific Ocean
  3"x3" 55 mm slide, faraway shot of ship on Pacific
  3"x3" 55 mm slide, four men working on gray colored pipe, positioned in front of yellow machine
  3"x3" 55 mm slide, ship ramp with two men standing on yellow machine in background
  3"x3" 55 mm slide, one man appears to be drilling with a red and gray colored pipe

[Untitled folder, December 1968]

  3"x3" 55 mm slide, four men holding on to a gray colored pipe

Glomar Challenger print

336  Photographs – Notebooks 1-9

337  Notebooks 10-18

338  Notebooks 19-27

339  Notebooks 28-39

340  Notebooks 40-44

340  Photographs II – Legs 1-39
PHOTOGRAPHS SERIES (cont.)

341  Photographs II -- Legs 40-60
342   Legs 61-73
343   Legs 74-89
344   Legs 90-96
344  Miscellaneous Photographs / Engineering Photographs

NSF PROCEDURES; NSF MANUALS; DSDP CORING MANUALS SERIES

345  [undescribed]

VM I RECORDS SERIES

346  Chevron System (Legs 26-29); DSDP System
347  DSDP System

DSDP 1 SET XEROX (BLUEPRINTS) SERIES

348  [undescribed]

FILMS SERIES

349  DSDP TWP #2. 1979

Three films:

16mm, 3 ¾” on core, color and B&W, labeled “DSD Leg 25 WP Outs – DSDP” [87-020_mov00502469-A]

35mm, 3 ½” on core, color and B&W [87-020_mov00502469-B]

35mm, 3 ½” on core, color and B&W [87-020_mov00502469-C]

From the Timed Work Print Index: Core handling in lab; Splitting core; Technicians. See also 87-020_mov00502537 in box 354.
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>FILMS SERIES (cont.)</strong></td>
</tr>
<tr>
<td>349</td>
<td>#20 DSDP VSS Film. 1979</td>
</tr>
</tbody>
</table>

16mm 5 ¼” Master Print film on core, color, 7:30-minutes, 269 ft. [87-020_mov00502470]

Written on the original container “Leg 44A Keel Hauling Re-entry Cone #20 VSS-DSDP.”

Following description from the DSDP VSS Film Listing:


Preparing to lift cone from construction area, long shots from rig floor

Personnel: storms / Bob / Pat Duley

Mr. Cotton / storms / Gus

View from top of core lab onto rig floor

GMI [GLOBAL MARINE INC.] team picks up cone via odus

Cone one ports side rail / cone going into sea

<table>
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<tr>
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<th>#28 DSDP/VSS Film. 1979</th>
</tr>
</thead>
</table>

16mm 3” Master print film on core, color, silent [87-020_mov00502471]

Re-Entry Trials – Leg 15, shots of workmen, topside on Challenger at sea, color, dbl, perf. Also written on label on original film can “Re-entry Trails – Wrong way to lower cone – Lines break – etc. Try again.”

Following description from the DSDP VSS Film Listing: Re-entry cone exercise – the scene shows the wrong way of doing it.
#26 DSDP VSS Film. 1979

16mm 5 ½” master print film on core, color, silent, 8 minutes, 300 ft. [87-020_mov00502472] See also 87-020_mov00502495 in box 350.

From original film canister lid: “Field Trip - Same as #25 - #26 DSDP VSS”

Following description from the DSPD-VSS Film Listing for #25 and #26 [same information]:

- GC [D/V Glomar Challenger] entering into small tropical island (Dutch West Indies?)
- Bill Riedel [William Riedel] and scientific friends (Hans Bolli, Lamar Hays)
- Bill Ryan [William Ryan] at hotel drinking with a mule (for real) (Same as #25): field trip

Center of SIO Seismic Safety Panel Request. n.d.

35mm [87-020_mov00502473]

Written on the original film can “Center of SIO Seismic Safety Panel Request“
### #2 DSDP VSS Film. May 24, 1984

Three films:

- 16mm 7” film on core, 481’, 13 minutes, labeled as “#2” [87-020_mov00502480]

- 16mm, 8 ½” film on core, A&B films housed in one box container [87-020_mov00502474-A]

- 16mm, 3” film wound on itself, A&B films housed in one box container [87-020_mov00502474-B]

Following description information from the DSPD-VSS Film Listing:

#2: Rig floor – with new paint on equipment lowering drill string via national blocks – personnel; Sam Duely, Ken, Jack, Charlie, Paul, MR. COTTON GUESS

### #28 DSDP VSS Film. 1979

Two films:

- 16mm 3” Master print film on core, color, silent [87-020_mov00502471]

- 16mm 3” Master print film on core, color, silent color, dbl, perf [87-020_mov00502475]

Re-Entry cone exercise trials – Leg 15, shots of workmen, topside on Challenger at sea. Also written on label on original film can “Re-entry Trails – front way to lower cone – Lines break – etc. Try again.”

Following description from the DSPD-VSS Film Listing: Re-Entry cone exercise – the scene shows wrong way of doing.
FILMS SERIES (cont.)

#24 DSDP VSS Film. n.d.

16mm 6” film on core, color, 9:32 minutes, 343 ft. [87-020_mov00502476]

Written on label “Shipboard action, cone over the side; possible master Leg 34 - #24 VSS-DSDP Leg 34”

Following description from the DSPD-VSS Film Listing:

Re-entry into sea via crane

Other cone with special braces over cone mouth

Special piece rotation on rotary table piggy back to elevators

#42 (A-C) DSDP VSS Films. n.d.

Three films:

16mm 3 ¾” film on core [87-020_mov00502477-A]

16mm 3” film on core [87-020_mov00502477-B]

16mm 3 ¾” film on core [87-020_mov00502477-C]

Following description from the DSDP VSS Film Listing:

42-A: Ship profile at sea (400’ view)

42-B: Rig floor; View inside rig down to rig floor (EXCELLENT SHOT); Bow shot with real forecastle and drill string

42-C: Shot of ship profile with crane boom AFT – SINGLE SPROCKET – Profile of ship’s bow from A frame rig - Re-entry tool EDO tool showing rotation of nose piece and guts of EDO re-entry tool - Ships bridge personnel: Joe Clark [Joe Clarke] and Terry E., K. Wells all at a re-entry session on the bridge with hand shake
BOX  TITLE

FILMS SERIES (cont.)

349  #43 (A & B) DSDP VSS Film. n.d.

Two films:

16mm 4” film on core, 3:26 minutes, 215 ft. [87-020_mov00502478-A]

16mm 5 ½” film on core, 6 minutes, 215 ft. [87-020_mov00502478-B]

Description for each film;

#42-A: Science Office: SAT NAV and RTT teletypewriter unit, Karl W. using SAT NAV fix to the bridge (part of movie)

#43-B: Sequence Karl Wells and mate exchanging sat nav fixes
16mm 9 ¼” film on core, 24-minutes, 871 ft., [87-020_mov00502479]

Written leader “Leg 30 Re-entry - Deep Sea Drilling / Glomar Challenger Re-entry #4.

Following description from the DSPD-VSS Film Listing:

- Ocean view from fantail ship steaming – gear out
- Ship tower main deck from forecastle port side pan to stbe steaming pan up to tower
- Gus and ? working on gear lacing toe point
- Bridge inside view with captain Dill (Lloyd Dill] and Mate
- E-Lab and view general of electronic equipment
- Outside view of sea and rear of ship land hoe
- Gus running on forecastle
- Working on anchor chain and letting chain go
- Pulling drill string up – view of rig floor from catwalk (Bill Dobens and Billy Lee as roughnecks)
- Lifeboat exercise: Gus and crew depart on lifeboat view of Glomar Challenger in background long shot of ship at sea from lifeboat
- RE-ENTRY CONE about to be lowered over side and port rail
- Extra cone on deck near moon pool
- Cone sitting in front of core lb/putting cone together
- Cold (frame work) weather canvas tarp around rig floor
- Cone being lifted by crane in front of core lab
- SWEDE LARSON onboard G.C. inspecting welding
- HELICOPTER lands on pipe rack
- ROTHMANN ALEXANDER: (ACKLAND: Helicopters safety patrol)
FILMS SERIES (cont.)

#3 DSDP VSS Film. May 24, 1984

16mm 7” film on core, 13 minutes, 428 ft., labeled as “#3” [87-020_mov00502567]

Following description from the DSPD-VSS Film Listing:

- Rig floor – drill string – lowering string into hole (pipe racker) – drill bit – panning up tower from bridge
- Bridge – pan out to rig floor
- Dr. Ewing & scientists on catwalk in front of core lab – view of old wood racks for core barrel with mud
- Rig floor
- Ship along side
- Man lift on rig tower
- Core barrel – core on deck situation and old CORE CATCHER SYSTEM
#9A & #9B DSDP Films. n.d.

Two films:

(#9A) 16mm 10” film on core, original, B&W, 26:25 minutes, 947 ft.[87-020_mov00502481-A]

(#9B) 16mm 10” film on core, original, B&W [87-020_mov00502481-B]

From original film can “B8801 – All E GRO – Audio Job DS-8687 – National Science = “Deep Sea Drilling” Orig EKTA – rolls “C” & “D”. Also “CaR-4-010” from original label on front of original film can.

Following description from the DSPD-VSS Film Listing:

9A:

Colorful skeletons floating in black space

Forecastle of ship (D/V Glomar Challenger framed shots)

CORES at top of screen: nice looking sections of mud
MAJOR PORTION OF THIS REEL: BLANK INFO

9B: Same as 9A above.
Two films:

(#8) 16mm 7” Kodak sound recording film on core [87-020_mov00502482-A]

(#8A) 16mm 8” Kodak sound recording film on core [87-020_mov00502482-B]


Following description from the DSPD-VSS Film Listing:

#8A:

Rig floor – Bowen Unit

Paleo Lab (sample of dry’d mud powder form)

View of planet Earth from space

Cuts from D/V Glomar Challenger / DSDP movie: cut screen ; lab shots; Dean Millow; rig floor; colorful rads

The Earth zoomed in from space

Credits NSF – etc.

SIGSBEE KNOLL (chart map and example of location)

D/V Glomar Challenger view via cut screen of forecastle

#8B:

More cuts from movie

Dean Millow looking down into paleo microscope

Titles; Gene Starbeck; script; George Voellmer camera; Bastian Wimmer editing; Larry Lauve camera extra footage; Ralph Lopatin production animation
#6 DSDP VSS Film. May 1984

16mm 8½” film on core, original [87-020_mov00502483]

Following description information from the DSPD-VSS Film Listing:

Tech (R.I. and GRAPE

Natural Gama unit

Terry Edgar and his smear slides

Grey clay mud & description with color chart

Sampling cores

Top of rig: zoom into A-frame panning down tight to national blocks which are lowering drill string

Rough neck team with drill string being lowered into moon pool view from bridge. Homer is oldest roughneck with Max Steelwell

Terry Edgar and scientists viewing seismic records of SITE 148

Bron Skalmar (2-17-71)
#19 DSDP VSS Film. February 2, 1973 and March 22, 1973

16mm 10” film on core, original, written on leader “DSDP UCSD OLR Head” [no time or length info] Written on film label “#19 Paul Savage – Antarctic” [87-020_mov00502484]

Following description from the DSDP-VSS Film Listing:

- CORE RECOVERY AS COLOR CORE LAB CAMERA SEE’s IT
- Helicopter shot of GC on leg 20 ANTARCTICA
- Canvas tarp on rig floor with snow and fog
- Cold in back ground tower blue sky
- Ice breaker (Burton Island) approaches iceberg to move it
- Co-chiefs and female friends
- Icebreaker hits iceberg to move it
- Rig floor core on deck with water spray
- Canvas protection from cold Antarctic air and wind
- Free fall of core barrel into drill string (GOOD SEQUENCE)
- Canvas tarps / cold evening in Antarctic snow on deck & view from GMI [GLOBAL MARINE INC.] office (long view)
- Inside rig floor: snow on deck
- Cat walk – snow tech VIC with purple ski cap
- Closing pipe
- View from top of tower overshot in system
- Personnel: Mr. Cotton, Mr. Hayes, Captain Dill [Lloyd Dill]
- Rig floor: i.e. wide angle shot canvas and frame work
- Compass on port side and ice in water
- Bridge scene – personnel
- Overexposed film
- Core lab core camera photos of core’d recovery (28-270-43-5)
BOX  TITLE

FILMS SERIES (cont.)

349   #1 DSDP GC General Misc. Loop Films. May 24, 1984

16mm 9” film(s) several film loops rolled onto one core [87-020_mov00502485 =]

Several miscellaneous DSDP film work project pieces.

Ball Valve Drop Testing. May 24, 1984

16mm 3 ½” Kodak TRI-X reversal film [87-020_mov00502486]

Written on container box “6.73 Ball valve drop testing battelle – 20 March 75 – B.W. Adams”

#17 DSDP VSS Film. 1979

16mm 3” Master Print film on core, color. [87-020_mov00502566]

Written on the original container envelope: “Sam Duly - Tom Wily ASRCN – Too MCL, Shots of workmen, topside on Challenger at sea, color, dble. Perf. #17 Listings VSS”

Following description from the DSPD-VSS Film Listing:

Sam Dulley

Tom W. [Tom Wily]

Roughnecks doing some job near stairs of cat walk

350   DSDP TWP #30. n.d.

16mm 7” reel, color [87-020_mov00502487]

Written on can label “Time Work Print No.30 - Leg 15 Re-Entry Out-Takes” [No description information entry for #30 in the Timed Work Print Index.]
BOX TITLE

FILMS SERIES (cont.)

350 #15 (A-B) DSDP VSS Films. November 4, 1986

Two films:

16mm 10 ½” reel, Roll 1 original, 1000 ft., on core, 31:11-minutes, 1123 ft., labeled “#R15A” [87-020_mov00502488-A]

16mm 10 ½” reel, Roll 1 original, 1000 ft., on core, [no time or footage info] labeled “#R15B” [87-020_mov00502488-B]

Written on original canister side label “LAB N-4039 – PBA – Rolls 15A & 15B – EKTA. ORIG. – 11-4-86” Also written on original lid cover “87-173 – MF9a & MF 9b - #15A 1000 ft. / 15B 1000 ft. – DSDP”

Following description from the DSPD-VSS Film Listing;

#15A:


First mate Don Smith at console

Water on bow down from forecaster

Sea conditions around ship steaming

GMI [GLOBAL MARINE INC.] personnel going up man lift

Drill string being risen by National blocks

(GOOD COLOR) side view of pipe rack

RIG FLOOR exercise roughnecks and equipment

Close-up of roughnecks making connections

National blocks riding up tower with 90-ft stand

Elevators in use with shaky Frank (roughneck)

Sequence from pipe rack to rotary table (GOOD COLOR)

FANTAIL: Gus/Ivey pulling in gear (air gun) with Dave Worth

ROG FLOOR: core barrel out of mouse hole and put into drill string. Core barrel free falling into string.

View up drill tower with string with blocks and man lift in foreground (panning up with camera)
Two films: #15A: (continued)

Personnel roughneck Charlie; driller?; and Doc Ewing on catwalk

View from on top of pipe track with rubbers with skate running down track.

Picking up drill string (long shot in front of drill string)

Panning up blocks as drill string lowered in hole

Elevators with GMI [GLOBAL MARINE INC.] personnel

Driller lowering drill string

Core on deck – core barrel in drill string – late afternoon

CORE LAB at forward door with FAXITRON in background

Dave Worth bringing in core section to CORE LAB

Dave to DENNISON LABELING MACHINE next to blackboard

Weighting core section and operation of FAXITRON MACHINE

PERSONNEL: DOC EWING and fellow scientists standing around old core racks on cat walk

RIG FLOOR double ride up man lift tugger (two rough necks piggy ride on tugger)

Core barrel on deck – still inside drill string

Driller looking up at blocks

Long shots of empty pipe rack (Starboard)

Pan shot to driller and console, scientists, and rig floor personnel examining red tool

RIG FLOOR down hole bumper subs

Close-up of Dean (driller) with wide yellow hard hat

Bumper sub connections

Collar with drill bit on end of drill string

Long shot view from forward of bridge

Pan up tower with blocks up to A-frame top

Classical wide angle view of ship forward flying bridge and panning up tower
FILMS SERIES (cont.)

350  #15 (A-B) DSDP VSS Films. November 4, 1986 (continued)

Two films: #15A: (continued)

Ship steaming (good pan) over port-side with crane in foreground
Ship profile: steaming
Tower to bow – shot from crane as crane returns to original position
Pan onto rig floor area
Gus on fantail
With small red tugger (Sewel) pulling eel in (Ivey) (Dave)
Co-chiefs at core rack with Mud core
Scientists and techs cruise operation manager at core barrel on rack (Mr. Cotton Guess)
Cutting core with hand saw
Putting on core catcher
Personnel Ewing and co-chiefs examine new core on deck at cat walk with yellow caps on sections of liner
Ewing and Joe Denton conversation on cat walk
Ewing checking out mud in core catcher area
Dave W. cutting cores with old brass liner cutters

15B: (single sprocket)

Ship at sea
View of pipe rack
Sun set on NYC [New York City] harbor with tugs
Statue of Liberty through tower
Ship out at sea
Tech at GRAPE in core lab and close up of unit
High up on tower: view down onto forecastle (EXCELLENT COLOR)
GMI [GLOBAL MARINE INC.] on man lift near national blocks
Conversation of Ewing and scientists on cat walk
Lowering drill string at sunset
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>#15 (A-B) DSDP VSS Films. November 4, 1986 (continued)</td>
</tr>
</tbody>
</table>

Two films: #15B: (continued)

- Rig floor and drill string going into hole
- Old fashion position beacon on sit drop (good sequence) Lowering pipe
- Lowering pipe
- (EXCELLENT) view down on top of rotary table close-up wide angle and lowering drill string
- Wide angle shot of core lab with natural gamma
- Dave W. at Faxition unit
- Roughnecks on rig floor
- Top of tower view down to forecastle (bow shot)
- View down into tower
- Ship rendezvous
- Rig floor shot with long shots
- Roughnecks and core catcher assembly
- Ship leaving GLOMAR CHALLENGER

#21 DSDP VSS Film. December 20 1972 – February 27, 1973

four 16mm films, color, silent, copy 1 on 5 ¼” core; copies 2, 3, 4, & 5 are on 7” reels, 400 ft. [87-020_mov00502489]

Following description from the DSPD-VSS Film Listing:

Leg 28 DSDP / FREMANTLE AUSTRALIA TO CHRISTCHURCH, NEW ZEALAND

Dec 1972 – Feb 27, 1973

Shows ice breaker and rig floor under the conditions of Antarctica weather window (ice in ocean) (snow of deck with canvas protection of rig floor)

Core on deck: 28 – 270 – 44 – 5 (2 Feb 73)
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FILMS SERIES (cont.)</strong></td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>#18 DSDP VSS Film. n.d.</td>
</tr>
<tr>
<td></td>
<td>16mm 8 ¼” film on core [87-020_mov00502490]</td>
</tr>
<tr>
<td></td>
<td>Following description from VSS motion procedure film listing for DSDP: Mel Peterson interview. Written on original film can label “Sil. B Roll, MNAP int. (#29 crossed out) - #VSS 18 Listing.”</td>
</tr>
<tr>
<td></td>
<td>Following description information from the DSPD-VSS Film Listing:</td>
</tr>
<tr>
<td></td>
<td>#18: Mel Peterson interview</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>#22 DSDP VSS Film. n.d</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16mm 8 ¼” film on core [87-020_mov00502491]</td>
</tr>
<tr>
<td></td>
<td>Written on original label “DSDP Various color, dble perf., shots at sea (incl. MNAP), Challenger from small boat, Eureka etc. Rig Floor”</td>
</tr>
<tr>
<td></td>
<td>Following description from the DSPD-VSS Film Listing:</td>
</tr>
<tr>
<td></td>
<td>Mel Peterson and Bill [William] Nierenberg on rig floor inspection of drill bit</td>
</tr>
<tr>
<td></td>
<td>NSF (23) – 100 ft. ECO EUREKA RONDEVOUS</td>
</tr>
<tr>
<td></td>
<td>Glomar challenger at sea profile</td>
</tr>
<tr>
<td></td>
<td>Terry Edgar and Mel Peterson discussion of ship</td>
</tr>
<tr>
<td></td>
<td>Core red clay with laminations</td>
</tr>
<tr>
<td></td>
<td>Rig pipe and skate traveling to rig view low on walk way</td>
</tr>
<tr>
<td></td>
<td>Down into hole, pipe being lowered</td>
</tr>
<tr>
<td>BOX</td>
<td>TITLE</td>
</tr>
<tr>
<td>-----</td>
<td>-------</td>
</tr>
<tr>
<td>350</td>
<td><strong>#23 Answer Print for the DSDP’s Leg 28 Antarctic Film. n.d.</strong></td>
</tr>
</tbody>
</table>

16mm 7” film, 300 ft. [87-020_mov00502492]

Written on original label “This is the Answer Print for the DSDP’s Leg 28 Antarctic Film. Nine additional ordered and intro ordered lightened. -23 Listing – 300 ft.”

Following description from the DSPD-VSS Film Listing:

- Rig floor – events tower and national blocks
- Core on cat walk

**#23 DSDP VSS Film. n.d.**

16mm 4” film on core, color and B&W [87-020_mov00502493]

Written on original label “#23 –VSS DSDP – MF 2 – Rig Floor Events”

Following description from the DSPD-VSS Film Listing:

- Rig floor – events tower and national blocks
- Core on cat walk

**#39 DSDP VSS Film. n.d.**

16mm 5½” film, 6-minutes, 300 ft., color master on core [87-020_mov00502494]

Written on film can label “MF 8 – DSDP Animation” and written on leader “ECO 300 ft. – Deep Sea Drilling Project – Animation – B Wind Optical Color Master.” Paper inside film can shows it actually #39 DSDP/VSS film.

Following description from the DSPD-VSS Film Listing:

- Animation of and for DSDP film
350  #26 DSDP VSS Film. n.d.

16mm 10 ¼” film, color, 8-minutes, 600 ft. [87-020_mov00502495]

From original label on film can: Re-entry, color, dbl perf., shots topside only, re-entry cone from deck over the side.

Following description from the DSPD-VSS Film Listing:

GC [D/V Glomar Challenger] entering into small tropical island (Dutch West Indies?)

Bill Riedel and scientific friends (Hans Bolli, Lamar Hays)

Bill Ryan [William Ryan] at hotel drinking with a mule (for real)

(Same as #25): field trip

See also 87-020_mov00502472 in box 349.

Heave Compensator Out-Takes. n.d.

16mm 10 ¼” film, color, 600 ft., 2 copies [87-020_mov00502496]

Following description from label on reel(s) “Heave Compensator out-takes – surplus.”

See also 87-020_mov00502548 in box 355
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>MNAP’s Re-Entry Film Out-takes. n.d.</td>
</tr>
</tbody>
</table>

Eight (8) 16mm films, housed in one box container [87-020_mov00502497-A through H]

- 3” 16mm film, color [87-020_mov00502497-A]
- 3 ½” 16mm film, color [87-020_mov00502497-B]
- 3 ½” 16mm film on core, color, original [87-020_mov00502497-C]
- 3 ½” 16mm film, color, 100 ft. [87-020_mov00502497-D]
- 3” 16mm film, B&W [87-020_mov00502497-E]
- 3” 16mm film, B&W [87-020_mov00502497-F]
- 5” 16mm film on core, B&W, sound [87-020_mov00502497-G]
- 6” 15mm film on core, color [87-020_mov00502497-H]

Following description from each original label on each film:

- S.O.F., Interview with Swede Larson, color – 23
- Various shots topside, Challenger at sea, color – 30
- Shots of drilling platform topside, Challenger at sea, original, color, dble perf. 7-29-71, LT12 – 31
- Random shots at sea, double perf., color, 48785 – 32
- Various shots topside, Challenger at sea, double perf., B&W – 34
- Various shots topside, double perf., B&W – 35
- Count Basie and Billie Holiday, opt., sound, B&W – 36
- Various shots topside on Challenger at sea, color, double perf. – 37
#32 DSDP VSS Film, n.d.

16mm 7” film on core, original, color, 500 ft. [87-020_mov00502498]

From label on original film can “Shipboard drilling action, fantail action – 1) Rig floor – canvas protection, 2) Fantail: Techs (ML-SD-ND-KT)”

Following description from the DSPD-VSS Film Listing:

- Measuring pipe; drilling with canvas protection
- View of piccolo and sea from bridge
- Wide angle shot of rig floor from bridge
- Back to close up shots of above
- Up down motion of ship; high seas
- Rig tower – Blue Sky – pan down to show national blocks and heavy compensator.
- Rough Neck Inman – lift (going up)
- Step’d down via tugger
- Fantail – technicians (Mike L.; JD; ND; KT)
- Ship steaming – cavitation
- Ship XBT launcher
- Silhouette fantail tugger, cable puller
- Fantail work with LO and techs
- Sunrise on fantail and air gun retrieval
- Zoom out and cavitation
- Pan – Mike Lehman washing equipment
- J.D. picking up air gun off catwalk
FILMS SERIES (cont.)

351  DSDP TWP #6. February 1971

16mm 10 ½” film, time 18:00 minutes, 678 ft. [87-020_mov00502499]

Following description from Timed Work Prints Index:

- Leg 15- cores in small containers
- Scientific staff off-duty
- Scientific lab shots- John Saunders- Hans Bolli
- Staged re-entry footage
- Scientists-geochemist-Dr. Joris Gieskes, much geochemistry footage
- Technician- Del Cover, Bob Luliucci, air gun
- Science lab- microscopes Belli-Saunders
- Second staged re-entry footage
- Seismic profiler-Hamlin
- Dr. Isabelle Silva, paleontology footage
- Riedel & Hays in science lab pictures
- Drill floor footage, re-entry pkg. going in pipe
- Core on rack outside lab after just being pulled, good core shot in tube
- Lab Shot – mag. mix.
- Air gun going off – good footage
- Teresa Remy – yeoman at work
- Saunders – Silva looking over reports
- Hays – Riedel looking at small pictures, Silva comes into picture late, holds up pictures
- Hays at microscope
- Edgar – Saunders looking at seismic profiling charts and then Nav. Charts
- Dr. Silva & more paleontology footage
Seven (7) 16mm various sizes films on core, stored in one boxed container [87-020_mov00502500-A through G]

- 9 ½” 16mm film on core, written on film “Drilling” [87-020_mov00502500-A]
- 4 ½” 16mm (oblong) film wound on itself [87-020_mov00502500-B]
- 4 ½” 16mm film on core, written on film “C5000 E# C713/+OFS” [87-020_mov00502500-C]
- 3 ½” 16mm (oblong) film wound on itself, written on film “C1216 E# C2462+2 5 FR” [87-020_mov00502500-D]
- 3” 16mm film on core [87-020_mov00502500-E]
- 2 ½” 16mm (oblong) film wound on itself [87-020_mov00502500-F]
- 2 ½” 16mm (oblong) film wound on itself [87-020_mov00502500-G]

Following written on a strip on the side of the original film can:
“Audio #7384 ‘Players’ PK-T20-2 11+35mm OPT TAK = 35mm PIX NEG”
351  Short clips of the D/V Glomar Challenger. n.d.

Twelve (12) 16mm various sizes films on core, stored in one boxed container [87-020_mov00502501-A through L]

- 5” 16mm film on core [87-020_mov00502501-A]
- 4 ½” 16mm film on core [87-020_mov00502501-B]
- 3 ⅜” film on core [87-020_mov00502501-C]
- 3 ⅛” film on core [87-020_mov00502501-D]
- 2 ⅜” 16mm film wound on itself [87-020_mov00502501-E]
- 2” 16mm film wound on itself [87-020_mov00502501-F]
- 2 ⅜” 16mm film wound on itself [87-020_mov00502501-G]
- 2 ⅛” 16mm film wound on itself [87-020_mov00502501-H]
- 1 ½” 16mm film wound on itself [87-020_mov00502501-I]
- 1 ⅛” 16mm film wound on itself [87-020_mov00502501-J]
- 1 ⅜” 16mm film wound on itself [87-020_mov00502501-K]
- 1 ⅝” 16mm film wound on itself [87-020_mov00502501-L]
FILMS SERIES (cont.)

351  DSDP TWP #4. n.d.

16mm, 7” reel [87-020_mov00502502]

Written on label on original film can label “TWP #4 – (Leg 15 Re-entry).”

Following description from Timed Work Prints Index:

Leg 15 - Re-entry

Staged re-entry footage

Looking over re-entry cones as being built-welding

Long shot of cones at spot where they are put together

Long shot of derrick and cones

Close shot of cones

Long shot of cones being lifted by crane

Close shot of cones with cables attached for lifting

Bridge shot – Clark [Joe Clarke]

Actual lifting of cone and overboard in vertical positions

Into water and losing it

Lifting in horizontal position and getting cone into water

EDO fish - transducer or sonar scanner long shot of tool, close up of scanner, fish placed in drill pipe

Technician

Prefabricated cones on dock in San Juan

Leavitt and Anderson loading supplies

Horse play as technicians load cores

Loading supplies

Technic ions loading cores
351 #13 DSDP VSS Film. n.d.

16mm, 11” on core [87-020_mov00502503]

Written on label on original film can label “#13”

Following description from the DSPD-VSS Film Listing:

RIG FLOOR

Rough necks using tongs and breaking pipe and removing core barrel out of string. (GOOD COLOR) and laying down core carrel for the technicians

GLOMAR CHALLENGER AT SEA (side profile)

Instrument chart reading


Core lab shot – sample table with penetrometer in use.

Rig floor and putting tongs on pipe.

Mel Peterson interview at SIO with pier in background
Seven (7) 16mm various sized films on core, stored in one film canister [87-020_mov00502504-A through G]

3¾” 16mm film, written on leader “Main title & Credits - Guide track – head” [87-020_mov00502504-A]

3” 16mm film, written on leader “41-B” [87-020_mov00502504-B]

3” 16mm film, written on leader “41-C – Guide track – Head” [87-020_mov00502504-C]

3 ¼” 16mm film, written on leader “Frame #1 – WP – Head” [87-020_mov00502504-D]

3” 16mm film, written on leader “Frame #2 – WP – Head” [87-020_mov00502504-E]

3” 16mm film, written on leader “Frame #3 – WP – Head” [87-020_mov00502504-F]

3” 16mm film, written on leader “Frame #4 – WP – Head” [87-020_mov00502504-G]

Following description from the DSPD-VSS Film Listing:

#41: SPECIAL SMALL REELS (7 EACH) raw material to make movie credits

Main title (no image)

Military H-bomb

Track head

H-bomb frame #4 (military ship)

Frame #3

Frame #2

Frame #1
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>351</td>
<td>Deep Sea Drilling Project Re-Entry First Trial – Answer Print. n.d.</td>
</tr>
<tr>
<td></td>
<td>16mm 10½” reel, color, silent [87-020_mov0052505]</td>
</tr>
<tr>
<td></td>
<td>Following written on original film can “Deep Sea Drilling Project Re-Entry, No Sound – (This is the Answer Print)” and written on leader “Re-Entry – First Trial Print, silent, color”</td>
</tr>
<tr>
<td></td>
<td>Leg 30 Re-Entry Flick. n.d.</td>
</tr>
<tr>
<td></td>
<td>16mm 10½” reel, 800 ft. [87-020_mov00502506]</td>
</tr>
<tr>
<td></td>
<td>Following written on original film can “Leg 30 Re-Entry Flick (This is a Timed Work Print) 800 ft – (24 Listing) See 4 Listing” [This film may be a combination of DSDP films #4 (87-020_mov00502558) &amp; #24 (87-020_mov00502476) or perhaps sections of both.]</td>
</tr>
<tr>
<td></td>
<td>Leg 28 - Antarctic Work. n.d.</td>
</tr>
<tr>
<td></td>
<td>16mm 7” reel, 200 ft. [87-020_mov00502507]</td>
</tr>
<tr>
<td></td>
<td>Following written on original film can “Timed Work Print – Leg 28 – Antarctic Work (#6 Listing) – 200 ft.” [This film may have segments from film DSDP TWP #6 film (87-020_mov00502499), since times and lengths are different.]</td>
</tr>
<tr>
<td></td>
<td>Deep Sea Drilling Project – Old Documentary. n.d.</td>
</tr>
<tr>
<td></td>
<td>16mm 12” reel, original, sound, color, 1000 ft. [87-020_mov00502508]</td>
</tr>
<tr>
<td></td>
<td>Following written on original film can “Deep Sea Drilling Project, opt., sound –old documentary, split-screen animation - #5 Listing, 1000 ft.” [This film may have segments from #5 DSDP VSS Film (87-020_mov00502559)]</td>
</tr>
<tr>
<td>BOX</td>
<td>TITLE</td>
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</tr>
<tr>
<td>351</td>
<td><strong>FILMS SERIES (cont.)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Spectrum #102 – Project Deep Probe. n.d.</strong></td>
</tr>
<tr>
<td></td>
<td>16mm 12” reel, original, sound, color [87-020_mov00502509]</td>
</tr>
<tr>
<td></td>
<td>Following written on original film can “#14 of 20 - This is the NET version of the Deep Sea Drilling Project – Made by KEY-TV (Peter Kaye)” and written on the film leader “Spectrum #102 – Project Deep Probe”</td>
</tr>
<tr>
<td></td>
<td><strong>DSDP Timed Out-takes. n.d.</strong></td>
</tr>
<tr>
<td></td>
<td>16mm 5” reels, timed work prints labeled Big (A) and Small (B) Reel [87-020_mov00502510-A &amp; B]</td>
</tr>
<tr>
<td></td>
<td>Written on the container envelopes;</td>
</tr>
<tr>
<td></td>
<td>Timed out-takes of MNAP Introducing the Re-entry Film (Big Reel)</td>
</tr>
<tr>
<td></td>
<td>Timed out-takes of Drill Floor Scenes (Small Reel)</td>
</tr>
</tbody>
</table>
BOX  TITLE

FILMS SERIES (cont.)

351  DSDP TWP #1. n.d.

16mm 7” reel, color, silent [87-020_mov00502511]

Written on label on original film can label “Timed Work Print No. 1 – NTE & Saunders on Leg 15 – 16mm, color, silent print.”

Following description from Timed Work Prints Index:

Leg 15 - Edgar and Roughneck on drill deck
Edgar at turning drill pipe
Drill floor equipment
Pulling core barrel
Core barrel on deck
Pulling core liner with core inside
Putting 30-foot lines on cutting stand - cutting to 5-foot lengths
Del Cover and Bob Luliucci
Edgar-Saunders at board
Ocean footage
Miscellaneous
Technician working on air gun

#14 / #30 DSDP VSS Film. n.d.

16mm 9” film on core, time 35:44 900 ft. [87-020_mov00502512]

#14 / #30 DSDP VSS Film [labeled as both, may be a combination of both films.] Following written on the film leader “CRC 102-24-1 Churchill film 5-42-R Eco – Roll D-2 – Head” and the following from the label on the original film can “Master film - #30 – Drill floor scenes, running-threading pipe, seismic profiler in action. Auto pipe racker, derrick & other technical shots – 900 ft.” but also written on masking tape on the original film can is “#14 – SS Spockey DS Spockey.”
BOX  TITLE

FILMS SERIES (cont.)

351  DSDP TWP #9. n.d.

16mm 7” film reel [87-020_mov00502513]

Following from the label on the original film can “Timed Work Print No. 29 – Close-up of new bits - John Shore & Roughnecks.”

Following description from Timed Work Prints Index:

TWP 9: Leg 11 Cores (Middle Jurassic color cores)
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>351</td>
<td>NSF Can #7 Medels. n.d.</td>
</tr>
</tbody>
</table>

Seventeen (17) 16mm film strips of various sizes wound on themselves on each roll or one film rolled onto itself, all stored in one box container [87-020_mov00502514-A through Q]

- 4 ¼” 16mm filmstrips [87-020_mov00502514-A]
- 3” 16mm filmstrips [87-020_mov00502514-B]
- 3” 16mm filmstrips [87-020_mov00502514-C]
- 4 ¼” 16mm filmstrips [87-020_mov00502514-D]
- 3 ½” 16mm filmstrips [87-020_mov00502514-E]
- 4” 16mm filmstrips [87-020_mov00502514-F]
- 3” 16mm filmstrips [87-020_mov00502514-G]
- 3 ½” 16mm filmstrips [87-020_mov00502514-H]
- 3” 16mm filmstrips [87-020_mov00502514-I]
- 3 ½” 16mm filmstrips [87-020_mov00502514-J]
- 3 ½” 16mm film [87-020_mov00502514-K]
- 3 ¼” 16mm filmstrips [87-020_mov00502514-L]
- 2” 16mm film – brown [87-020Mov00502514-M]
- 2” 16mm film – brown [87-020_mov00502514-N]
- 2” 16mm film – brown [87-020_mov00502514-O]
- 2” 16mm film – brown [87-020_mov00502514-P]
- 2” 16mm film – brown [87-020_mov00502514-Q]

Following was written on the original film can “NSF Can #7 Medels” also written on the can was the number “3” and circled.
#19 DSDP VSS Film, February 2, 1973

16mm 10 ½” film on reel, color [no time or length info] [87-020_mov00502516]

Written on original film can label “Double perf., color, General at-sea topside Challenger – no dates - #19 Listing”

Following description from the DSPD-VSS Film Listing:

20-270-43-5 (2 Feb 73) – CORE RECOVER AS COLOR CORE LAB CAMERA SEE’s IT

Helicopter shot of GC [D/V Glomar Challenger] on leg 20 ANTARCTICA

Canvas tarp on rig floor with snow and fog

Cloud in background tower blue sky

Ice breakers (Burton Island) approach iceberg to move it

Co-Chiefs and female friends

Icebreaker hits iceberg to move it

Rig floor core on deck with water spray

Canvas protection from cold Antarctic air and wind

Free fall of core barrel into drill string (GOOD SEQUENCE)

Canvas tarps / cold evening in ANTARCTIC snow on deck – view from GMI [GLOBAL MARINE INC.] office (long view)

Inside rig floor: snow on deck

Cat walk – snow tech VIC with purple ski cap

Closing pipe

View from top of tower overshot in system

Personnel: Mr. Cotton, Mr. Hayes, Captain Dill [Lloyd Dill]

Rig floor (i.e. – wide angle shot canvas and frame work)

Canvas on port side and ice in water

Bridge scene – personnel

Overexposed film

Core lab core camera photos of core’d recovery (28-270-43-5)
16mm 11” film on core, color, 1200 ft. [87-020_mov00502517]

Written on original film can label “#37 DSDP VSS” with “MF 14” cross out.

Following description taken from the VSS film Listing:

- Rig floor and core barrel (excellent color)
- Rig floor roughnecks at rotary table from flying bridge deck
- Core barrel from core catch position
- Ship at sea from life boat
- Core catcher exercise removing from barrel
- A side pan of ship at sea from life boat
- Acoustic beacon / six way thrust drill string – ART WORK
- Nite lights on deck (lamp)
- Ship in port – open house
- Mel Peterson with microphone on flying bridge with brown suit and blue tennis shoes
- Interview inside bridge Mel Peterson
- Bridge equipment (good color sequence) ELMER COMPUTOR
- Rig floor pipe handling National blocks – pipe going down hole
- Fantail – retrieving gear (Gus Dave w. and S. Ivey)
- Bow shots
- Pipe going down hole – flexing over pope rack view from bench next to driller
- Hans Bolli at paleo scape and picking fossils
- Richard D. chemist at cahn balance weighting WC samples
- Map showing Mid-Atlantic ridge (rough globe)
- Interview on bridge with Terry Edgar
- Yellow cap core leg 3 site 21 – 3 -2
- Natural gamma unit
- Rig floor core barrel in string con deck water spray
- Interview with Edgar: core lab
- Ship in port dry dock with good shot BLUE FOX (work boat)
- Distance view of ship at sea via life boat
352  #36 DSDP VSS Film. n.d.

16mm 7” film on core, color, 13:25 minutes, 483 ft. [87-020_mov00502518]

Written on original film can label “Master film (‘No. 24’ CROSSED OUT) #36 – DSDP/VSS – Rig Floor” and also written on leader “Foot Roll – D-1 ECO – Churchill film CRC 102-24-1” and finally “#36” written on masking tape on the film.

Following description from the DSPD-VSS Film Listing:

Rig floor – shots from above – on tower (single sprocket)

Rig floor (double sprocket) drillers and roughnecks on rig floor – camera inside tower looking down with national blocks riding up and down working with the collars – inside rig drill bit cone type being installed on drill collar going down into hole.
Eight (8) 16mm films of various sizes on core, color and B&W stored in one film container [87-020_mov00502519-A through H]

5 ½” 16mm on core, 6 minutes, 214 ft. [87-020_mov00502519-A]

5” 16mm on core [no time or footage info] [87-020_mov00502519-B]

3” 16mm on core, 1:19 minutes, 47 ft. [87-020_mov00502519-C]

3” 16mm on core, 1 minute, 50 ft. [87-020_mov00502519-D]

2 ¼” 16mm on core, 30 seconds, 25 ft. [87-020_mov00502519-E]

2 ¾” 16mm on core, 1 minute, 50 ft. [87-020_mov00502519-F]

2 ½” 16mm on core 30 seconds, 25 ft. [87-020_mov00502519-G]

3” 16mm on core [no time or footage info] [87-020_mov00502519-H]

Written on original film can label “#40 DSDP VSS – A, B, C, D, E, F, G, H. Master films – Close-up of new 4-cone roller type insert bits. John Shore & Roughnecks… Long (Jumpy) shots of Challenger”

Following information taken from each film and listing:

A = 40A, original, MF-29, 9-11-72, Single Perf. Wiley ORG – LT17: 40A. (orig.) rig floor (single sprocket) drill bits cone type personnel comparing different drill bits on rig floor (John Shore) and fim ruddle C.O.M. and D.S. Ship at sea – long shots from life boat

B = 40B, MF & TWP 20: Rig floor in black and white (repeat of many sequences)
   Rig floor
   Fantail with gear pulling
   Capabilities of SSB (single side band radio trans)
   Military film
   Cutting core with brass liner cutter
   Cahn balance and R.D. (chemist)
Following information taken from each film and listing: (continued)

C = 40C, WP-Outs Re-Entry Shots DSDP – Jan 1972: Re-entry cone over side (old frame style)

D = WP-Loading Pipe Unto Ship DSDP – S.I.O., UCSD: Loading pipe onto ship

E = 40E, Magnetometer Dig, WP, TWP (?) 23: Magnetometer

F = 40F, WP – Re-Entry Cones on Dock before Loading: Re-entry cone – dockside

G = 40G, Air Gun, TWP (?) 20: Air-gun

H = 40H, TWP (?) 27: Buoy marker (tech made), E-lab with scientists, A/gun in water, Edo recorder in E-lab

Final of the DSDP Re-Entry Film. July 27, 1972

16mm 10 ½” film on reel, color, 500 ft. [87-020_mov00502520]

Written on original film can label “This is the timed work print FINAL of the DSDP Re-Entry Film (500 ft.) 12 Listing” and written on the original reel “Work Print – Re-entry Film 7/26-72” [Although it is listed as #12, the list shows two section (A &B) for #12, this might be both or just one section?]
352 #34 DSDP VSS Film. n.d.

16mm 9” film on core [87-020_mov00502521]

Written on original film can label “#34 Single spool VSS /DSDP – BBC - Horizon”

Following description from the DSPD-VSS Film Listing:

From top of tower down to crane AFT

Bow shot with drill string (thrusters positioning)

Camera man in core lab

Ship at sea

Pan down tower to skate plus rig floor events

Core lab

Rig floor core on deck

SAT NAV (digico unit)

Rotation of drill string rubbers

Joe Clark [Joe Clarke] at console on rig floor near drillers phone

Core on deck

Core on cat walk

Core catcher teeth

Hans Bolli and Bill Riddle [William Riedel] together in office
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
</table>

16mm 5” film on core [no time or length information] [87-020_mov00502522-A]

16mm 6” film on core, 8-minutes, 300 ft. [87-020_mov00502522-B]

Written on film can labels for:


Following information taken from DSDP VSS Film listing:

GC Entering into small tropical island (Dutch West Indies?)

Bill Ridel [William Riedel] and scientific friends (Hans Bolli, Lamar Hays) – Bill Ryan [William Ryan] at hotel drinking with a mule (for real)
BOX TITLE

FILMS SERIES (cont.)

352 Berlin Express – 5375. November 13, 1972

Ten (10) 16mm film strips of various sizes wound on themselves on each roll or one film rolled onto itself, all stored in one film can container

16mm 6 ¼” film [87-020_mov00502523-A]
16mm 6 ¼” film [87-020_mov00502523-B]
16mm 4” filmstrips [87-020_mov00502523-C]
16mm 4” filmstrips [87-020_mov00502523-D]
16mm 4” filmstrips [87-020_mov00502523-E]
16mm 3 ½” film on core [87-020_mov00502523-F]
16mm 3” filmstrips [87-020_mov00502523-G]
16mm 2 ½” filmstrips [87-020_mov00502523-H]
16mm 2 ½” filmstrips [87-020_mov00502523-I]
16mm 2” filmstrips [87-020_mov00502523-J]

Written on original film can label “#12 Berlin Express – 5375, #2”
Two (2) 16mm films on core stored in one film can container

16mm 5 ½” film on core, labeled “35A” [87-020_mov00502524-A]

16mm 5” film on core, labeled “35B” and “MF 24” in center core [87-020_mov00502524-B]

Written on original film can label “Glomar Challenger W/P 35 A, B – DSDP/VSS” also “MF 23 on same reel (MF 19 is crossed off)”

Following description from the DSPD-VSS Film Listing:

#35A/B (two reels) (film is in reverse):

Ship from helicopter Antarctic footage

Ice in water with compass in foreground

Ice breaker shots

Ice alongside of ship

Captain Dill [Lloyd Dill]

Ice breaker moving iceberg

Rig floor tarps – snow on rig floor

Core on deck snow and coats and the cold look onboard GC

Catwalk view snow tarps and techs (Hayes, Lamar, VIC)

CORE 28-270-44-5 (2 FEB 73)

Ship at night lite on tower – tarp

#35B (film is in reverse):

Electronic lab (vertical edo’s scientist)

Old poor footage of ship from life boat (B&W)

Shi in dry dock: COLOR

Hans Bolli and Bill Riddle [William Riedel]
FILMS SERIES (cont.)


16mm 10” film on core, 1,000 ft. [87-020_mov00502525]

Written on original film can side label “B8801 – Allegro – audio Job DS-8687 – National Science – Deep Sea Drilling –ORIG. EKTA Rolls A& B Picture” also written on leader “DSDP – NSF – Neg Track – Head” Precision Film Labs, Inc. – printing and cleaning record card kept with film, it shows the date, footage, etc.

#51 (1 & 2) DSDP VSS Films. December 14, 1972

Two (2) 16mm film on core, stored in one film canister

16mm 9” film on core, 15-minutes, 845 ft., labeled “51-1” [87-020_mov00502526-A]

16mm 8 ½” film on core, 20-minutes, 700 ft., labeled “51-2” [87-020_mov00502526-B]

Written on original film can label “Glomar Challenger 51-(1-2) DSDP/VSS”

Following information taken from VSS Film listing:

#51-1:

- EDO WESTERN A/G recorder w/vertical trace pens (picture of channel)
- MAGG HP- Model J96-5512A Counter D/A converter E-LAB
- OSCILLOSCOPE 453 A/G signal
- Sun bathing on deck Hans Bolli reading: FUTURE SHOCK/Alvia Toffler
- THE ARROGRANCE OF POWERS BY J. WILLIAM FULBRIGHT (senator)
- Hans Bolli and female paleo buddy in lab with pope smoking buddy
- Re-entry on bridge with Joe Clark [Joe Clarke]
- Joe [Joe Clarke] plotting on bridge (cone/ship)
- Joris Gieskes in chem lab doing titrations
- Bridge on a average day
- Wide shot of rig from bridge (port)
Following information taken from VSS Film listing:

#51-1: (continued)

COLORFUL NEWLY PAINTED EQUIPMENT ON RIG FLOOR
YELLOW/BLUE/RED

Marking buoy by tech for site location
Fantail tech with gear pulling in (Del, Illucci)
E-lab w/ edo rec with vertical pen trace

Burney Hamlin and EDO WESTERN units in E-lab checking depth
Paleo lab sieves

Hans Bolli / Bill Ryan [William Ryan] (Florida)

RIG FLOOR barrel work over rotary table (EDO TOOL FOR REENTRY)

RED MUD AND RED LINER ON CAT WALK

CONE (RE-ENTRY) and DIVER TOGETHER UNDERWATER UNDER SHIP
UNIQUE

#51-2:

Sharks on deck

Karl Wells on old SAT NAV REC

Tower pan down

A/G firing in water

On top of tower (A frame)

Tech air-gun repair on fantail

National Sand line (Homer washing sand line drum)

Sample LEG 4 site 25

Core on deck

Hans at the stereo scope in paleo lab

CORE ON DECK
#352  #13 of 20 - Timed work print out-takes from DSDP Re-entry film. n.d.

16mm 7” film on reel, 300 ft. [87-020_mov00502527]

Written on original film can label “Timed work print out takes from DSDP Re-entry film” and on the original can was written “#13 of 20” [Do not believe this is from the Timed Work Print list, since there are 28 work print films listed.]

DSDP TWP #9 & #16. n.d.

16mm 10 ½” film on reel, 600 ft. [87-020_mov00502528]

Written on original film can label “Time Work Prints 9 & 16 (Leg II Cores)” [Film may be a combination of either work films or part of both films.]

Following description from Timed Work Prints Index:

TWP 9:

Leg 11 Cores (Middle Jurassic color cores)

TWP 16:

Re-entry

A foot or so of cone being lifted by crane over side of ship

Close-up of transducer

Running transducer into pipe

Science Report 110A. November 12, 1970

16mm 10 ½” film on reel. [87-020_mov00502529]

Written on original film can label “Subject No./E3416 – Subject/Science Report – Date/11-12-70 – Instructions/English”
Four (4) 16mm films on various sized cores, A&B stored in one box container and C&D in another box container

16mm 7 ½” film, labeled “10-A” [no time or footage given] [87-020_mov00502530-A]

16mm 7” film, labeled “10-B, C0425 & C933 – National Science Foundation R-1 – EKTA” time 11:34 minutes, 416 ft. [87-020_mov00502530-B]

16mm 7” film, labeled “10-C, D0000E-a & D1089-17F-a - Nat’l Science Foundation R-1 – EKTA – Heads – Part DST” time 11:46 minutes / 278 ft. [87-020_mov00502530-C]

16mm 5 ¾” film, labeled “10-D” time 7:00 minutes / 278 ft. [87-020_mov00502530-D]

Written on original film can label “10 A, B, C, D, Rolls” plus small stickers stating “A-4 and Bottom Can A-5”

Following description from the VSS Film Listing:

10-A:

Pump room caterpillar engines and engineer in blue jersey

NSF (21) 400’ 7242 conference with Arch McLearn and Ken Burno and GMI _?

NSF (22) same as above

Computer room position ELMER

NSF (25) 100’ EF 7242 (ASA 80)

10-B:

NSF Ken Burno conversation interview
Following description from the VSS Film Listing:

10-B: (continued)

4/7/69 roll #50 ECO/400' ASA 25 (éclair aj 94 sync shows D/V
GLOMAR CHALLENGER in red drawing side profile (scale)

Scale drawing shows blue fox location

Ken Burno at map in office

Message to ship

Short clip showing science office with NAT NAV unit in early days

10-C:

NSF

Cutting light colored cream color’d core with hand tool: with old style
caps (LEG 3 SITE 22 CORE 3 SECTION 5)

Terry Edgar penetrometer in core lab

Sampling table with light cream clay (pale)

Radio operator handling weather messages with moose code key

Charles Green weather man with Pictorial Weather Unit and map

Core lab scientists describing core with color chart

Forams in black background

Larry Lauver walking down to photo deck with section of core for
movie take

10-D:

Analysis of weather map by Charles Green and scientists

Several takes for movie
353  #44 (A-C) DSDP VSS Films. July 1971

Four (4) 16mm films on various sized cores housed in one film canister

16mm 3 ¾” film, labeled “44-A, original, Leg 19 (11) (17), 100 ft. – 7-30-71” [87-020_mov00502531-A]

16mm 3” film, labeled “44-B, SHIP U/W, 50 ft. [87-020_mov00502531-B]

16mm 3 ½” film, labeled “44-C, Leg 18 work print” [87-020_mov00502531-C]

16mm 5 ½” film, labeled “44-D – Running pipe – 300 ft.” [87-020_mov00502531-D]

Written on original film can label “#44 A, B, C” plus small stickers stating “A-4 and Bottom Can A-5” and a yellow piece of paper stating “#44 A, B, C small reels – DSDP/VSS - (1) Running Pipe 300 ft. (2) Ship U/W 50 ft. (3) Leg 19 100 ft.” and two small stickers on original film can labeled “53 & 55”

Following description from the DSPD-VSS Film Listing:

44-A: Leg 19 drilling and lowering string close up of rotary table

44-B: Ship underway

44-C: Rig floor and core on deck

44-D: Running pipe
Eight (8) 16mm films on various sized cores, stored in one film canister

16mm 8 ½” film, labeled “31-A, original – Skalman ORG – Single perf. Use this side” – time 20:00-minutes, 730ft. [87-020_mov00502532-A]

16mm 4” film, labeled “31-B” – time 4 minutes, 145 ft. [87-020_mov00502532-B]

16mm 3” film, labeled “31-C, WP – Transducer – 75 ft.” [no time listed] [87-020_mov00502532-C]

16mm 3 ¼” film, labeled “31-D, WP – Drilling Sequence – 75 ft.” [no time listed] [87-020_mov00502532-D]

16mm 3 ½” film, labeled “31-D, WP - Drilling Procedure – 100 ft. – Head” [no time listed] [87-020_mov00502532-E]

16mm 4” film, labeled “31-F, DSDP – WP - Instruments” – 50 ft. [no time listed] [87-020_mov00502532-F]

16mm 4” film, labeled “31-G, 50 ft.” [no time listed] [87-020_mov00502532-G]

16mm 4” film, labeled “31-H” [no time or feet listed] [87-020_mov00502532-H]

Written on original film can label “Timed Work Prints Nos. #31 ABCDEFGH – Small Work prints – VSS/DSDP”

Following description from the DSPD-VSS Film Listing:

31-A:

A.G small bolt in water
Terrea NSF sec in tech office a yeo-person
Scientists with J pipe with T. Edgar
Bill Hay and W. Riddle Paleo and female examining Polaroid photos of fossils
BOX  TITLE

FILMS SERIES (cont.)

353  #31 (A- H) DSDP VSS Films. n.d. (continued)

31-A:

Terri Edgar and co-chief with pipe
Bill Hay at microscope – Paleo
Terri Edgar and co-chief with pipe
Female scientist
Color chart
Mel Peterson explaining re-entry
Strip chart on rig floor core catcher core on deck inspection Terry Edgar and Jim Riddle at rotary table (co-chief with pipe)
Core catcher inspection by scientists
Pan down from top of tower to moon pool
Tech W.P. JONES working on small air gun on fantail
John Isaacs Drinking TRICHLOROETHYLENE bottle
Scientists sampling core in core lab
ET in electronics room GMI [GLOBAL MARINE INC.] comp room

31-B: Drilling procedures
31-C: Transducers
31-D: Drilling Sequence
31-E: Drilling procedures
31-F: Instruments (scopes electronic)
31-G: Profile PDR record of ocean – floor
31-H: Glomar Challenger at sea (scratch’d film) poor quality
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>353</td>
<td>#49 (1-2) DSDP VSS Films. n.d.</td>
</tr>
</tbody>
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Two (2) 16mm Kodak films on cores, color, housed in one film canister

- 16mm 8 ½” film on core, labeled “49-1” – time 19:16, 694 ft. [87-020_mov00502533-A]

- 16mm 10” film on core, labeled “49-2” – time 28 minutes, 1038 ft. [87-020_mov00502533-B]

Written on original film can label “#49 (1-2) – VSS”

Following description from the DSPD-VSS Film Listing:

#49-1:

- Lava Flow
- Ship steaming and view from camera on crane
- Ship at night at sea
- BEAUTIFUL ZOOM out from bridge window first shows rotary table area and roughnecks and zooms back to mate on watch on bridge
- Thruster scope position witches
- White core section going under the CORE camera on the photo deck
- Old beacon over side by crane
- Gyro-scope: chart room with mate Steelwell
- Sampling cores with small vials
- Colorful shot from half way up tower to bow AFT
- VOLCANO lava
- Scientists in Antarctic (bone fossils)
353  #49 (1-2) DSDP VSS Films. n.d. (continued)

49-1:

Beautiful shot of rig to bridge window

49-2:

Tower shot to bow (good color)

Chart room

Position beacon old style with special package

Rotating square package

Comp room

Positioning scope

Excellent colorful rig equipment freshly painted XXXXXX

Ship at sea

Close-up of bow from top of rig

Plotting in chart room

Special WINCH SYSTEM – UNIQUE EVENT ONBOARD
GLOMAR CHALLENGER
Eleven (11) 16mm films on various sized cores, A-C housed in one film canister and D-J in another

16mm 6 ½” film on core, labeled “45-1, Image Assoc. – EKTA Master – Heads” - original, color, time 10:21 minutes, 372 ft. [87-020_mov00502534-A]

16mm 7 ½” film on core, labeled “45-2” - original, color, time 15:57 minutes, 574 ft. [87-020Mov00502534-B]

16mm 4 ¼” film on core, labeled “45-3” - original, color [no time or footage listing] 87-020_mov00502534-C

16mm 4 ¾” film on core, labeled “45-4” - original, color, time 5 minutes, 203 ft. [87-020_mov00502534-D]

16mm 5 ¾” film on core, labeled “45-5” - original, color, time 7:53 minutes, 284 ft. [87-020_mov00502534-E]

16mm 3 ½” film on core, labeled “45-6” - original, color, time 30 seconds, 24 ft. [87-020_mov00502534-F]

16mm 3 ½” film on core, labeled “45-7” - original, color, time 41 seconds, 24 ft. [87-020_mov00502534-G]

16mm 3 ½” film on core, labeled “45-8” - original, color, time 30 seconds, 20 ft. [87-020_mov00502534-H]

16mm 3 ¾” film on core, labeled “45-9” - original, color, time 30 seconds, 18 ft. [87-020_mov00502534-I]

16mm 3 ¾” film on core, labeled “45-10” - original, color, time 01:50 minutes, 60 ft. [87-020_mov00502534-J]

Written on original film can label “#45-1 - 45-10 DSDP/VSS Glomar orig.”
Following description from the VSS Film Listing:

#45-1:

- Thin section – microscope basalt
- Rotation of microscope stage
- Polaroid of fossils: paleo snapshots Label 152-18cc s12 G 11/2 (close-up of photo)
- Scientists paging thru book and a microscope
- Edgar and Co-chief with pipe in drafting room
- Edgar on rig floor next to rotating drill string with ruddle
- Core on deck Rig floor next to rotating drill string
- Clear core linger with calk inside on catwalk (Leg 12-122)
- Edgar and Co-Chief in core lab keeping core barrel record
- Scientist using very old method of cutting core for sampling
- Re-entry nose tool EDO-TOOL RE-ENTRY (edo western label seen)
- Tool going into service down hole (tugger being used)
- Protective shoe removed to EDO-RE-ENTRY TOOL
- Good sequence into pipe at rotary table
- Logging cable attached
- Lowering logging tool
- Karl Wells helping on rig floor
- Long shot from flying bridge
- Lowering 90 ft. stand
- Ship at sea late afternoon profile sun burst in sky
- Weather antenna with NY in background
- Karl Wells at sat nav unit in tech office early days)
BOX  TITLE

FILMS SERIES (cont.)

353  #45 (1-10) DSDP VSS Films. August 5, 1973 (continued)

#45-1:
Close up of sat nav RTT listing of 8 doplers RESIDUALS

#45-2:
NSF John Wesley Powell (SC-35)
Section of movie – titles
Color stained fossils – pan away slowly
Movie of flood victims raging waters
Tornadoes – old doc movie
Solo plate of color fossils for movie
Art work of Sigsbee Knoll – close-up
Grand Canyon footage and close-up

#45-3: Two scientists at electronic instruments and non-related to any DSDP movie
(footage of cycle counter like the grape)

#45-4:
(Reversed)
Mate and seaman on watch on bridge
Re-entry cone – port side on main deck
Re-entry cone on outside logging house
Roughnecks working on re-entry cone
Cone over water (port)
Two cones on logging ramp construction of
EXCELLENT COLOR of cone pick-up by crane operator and wide shot from
lab welder working on cone

#45-5:
Eureka rendezvous
Mel Peterson at rendezvous (face shot)
BOX  TITLE

FILMS SERIES (cont.)

353 #45 (1-10) DSDP VSS Films. August 5, 1973 (continued)

#45-5:

Rig floor

Shot from mid-tower with blocks (NICE SHOT)

Night shot of ship from life boat cut from the movie

FAXITRON – operation (805)

Dave Worth – weighting core sections

Labeling section for faxition with lead letters

GRAPE and NATURAL GAMMA in core lab

GRAPE DIGITAL COUNTER – CLOSE-UP

#45-6: Square credits of pipe rack NSF

#45-7: Volcanic eruption red lava and credits

#45-8: Layout of art work – two fossils

#45-9: Map and art work hot spots (white dots) (blue/green colors)

#45-10:

Ring of fire illustration

Continental edges

N-S S-N reverse polarity

SAT PICTURES of major EARTH features and continents

BRUCE HEEZEN – art (Mary his helper) MAP- MID ATLANTIC RIDGE
Twelve (12) 16mm films on various sized cores or filmstrips wound upon themselves, A-C housed in one film canister and D-K housed in another

16mm 8 ½” film on core, labeled “48-1, Sampling” color, original, time 21 minutes, 758 ft. [87-020_mov00502535-A]

16mm 5” film on core, labeled “48-2, DSDP – Misc. opticals – WP- head” color, original, [no time or footage listing] [87-020_mov00502535-B]

16mm 5 ¼” film on core, labeled “48-3, 7832165-861” color, original, time 6 minutes, 237 ft. [87-020_mov00502535-C]

16mm 1 ½” filmstrips wound on itself, labeled “48-4” [no time or footage listing] [87-020_mov00502535-D]

16mm 2” film wound on itself, labeled “48-5, Color fossils” [no time or footage listing] [87-020_mov00502535-E]

16mm 2” film wound on itself, labeled “48-6, Red lava flow” [no time or footage listing] [87-020_mov00502535-F]

16mm 2 ¼” film wound on itself, labeled “48-7, Bowen unit” [no time or footage listing] [87-020_mov00502535-G]

16mm 3” filmstrips wound on itself, labeled “48-8, Misc. ship op.” [no time or footage listing] [87-020_mov00502535-H]

16mm 4” filmstrips wound on itself, labeled “48-9, Color fossils.” [no time or footage listing] [87-020_mov00502535-H]

16mm 3 ¼” filmstrips wound on itself, labeled “48-10” [no time or footage listing] [87-020_mov00502535-J]

16mm 4 ¼” filmstrips wound on itself, labeled “48-11, Misc Lab trim” [no time or footage listing] [87-020_mov00502535-K]

Written on original film can label “#48 DSDP/VSS”
#48 (1-11) DSDP VSS Films. n.d. (continued)

Following description from the VSS Film Listing:


Tech weighing core

Faxitron core put in via core lab opening

Tech – scientists weight cores

Labeling dennisson and weighting cores with yellow caps

Mel and Karl at national gamma unit and operation of

Label 1-01-p 00-01 132-135 KSB (6-15-8) label for natural gamma

ET and grape unit

STEVE IVEY and sonic velocity and the earphones and scope wave

GENE BOSE and OLD CUTTING SAW TOOL (ORIGINAL LEG 1 ???) with TERRY EDGAR – HISTORICAL MATERIAL

Penetrometer

Core lab 3-22-3-5: label

EXCELLENT SHOTS CLOSE UP OF NEEDLE WAR WORK (Penetrometer)

Color chart with mud section on description table

48-2: CUTS FROM MOVIE

FOSSILS AND BRUSH WITH DEAN MILLOW

Dean and microscope and side profile

Super close up of microscope lens
353  #48 (1-11) DSDP VSS Films. n.d. (continued)

48-2:

Wide view of dean with microscope
Paleo sample Shieve washing
Samples; core small vials

BRIDGE CONSOLE
Ship at sea (Late evening profile)
Smear slide and drop of water
W/ hot plate in core lab

48-3: Super close-up of fossils (movie sequence) and Bruce Heezen maps (of Mid-Atlantic ridge)

48-4: Quick shot of bridge console

48-5: Color fossils

48-6: Volcanos with square credits red lava flow

48-7: Bowen unit close-up

48-8: Ship op misc.

48-9: Color fossils

48-10: Color fossils

48-11: Misc. lab trim
#5 DSDP VSS Film. May 24, 1984

16mm 9” film, original, on core, 23-minutes, 830 ft., [87-020_mov00502559]

Written on the original film can “Glomar Challenger Orig. + Master - #4 & #5”
also written on the leader “#5 ECO orig. & Master (?) Logged 10/24/86 – M.C.”

Following description from the DSPD-VSS Film Listing:

- DRYDOCK: Thruster tunnel: zoom onto thruster tunnels
- RE-ENTRY CONE/DOCK: old style square type
- Moon pool deck ship on trials for re-entry cone (Kelhall)
- RE-ENTRY CONE VIEW’D UNDERWATER (unique shot) portside
- Swede Larson inspection re-entry cone on dock side
- Re-Entry Cone craned overboard
- Core barrel on rig floor
- Re-entry Cone over side with roughneck on top of it in ocean (unique)
- Roll #1 Lamont Project
  - 11-100-7-1 Core (brown laminated clay) with worm borrows 11-101-A-10-1, 11-100-2-2 (white) mud Lamont #4 (red bound clay)
  - John Fisk & John Ewing inspecting different cores in the parking lot
  - LDGO
- Lamont Project: 11-105-5-3 comparison (Roll #5 Mud)
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>354</td>
<td>#38 (A &amp; B) DSDP VSS Films. n.d.</td>
</tr>
</tbody>
</table>

Two (2) 16mm films on cores, housed in separate film canisters

- 16mm 12” film on core, color and B/W, labeled on core “MP 13”, 1,800 ft. [87-020_mov00502536-A]

- 16mm 13 ½” film on core, labeled on core “MP & TWP 21”, 2,000 ft. [87-020_mov00502536-B]

Written on original film can label “Timed Work Print & Master Films Nos. #38 A-B DSDP/VSS”

Following description from the DSPD-VSS Film Listing:

- #38-A: (Mixed black and white footage)

  Core barrel – ship at sea – air gun firing – top of tower view – dropping beacon – overshot system – core on deck with tech and gray mud (GOOD SEQUENCE) liner pre for core barrel – grey mud and brass cutter (good color sequence)

- #38-B: Various work prints (dup? too large of a spool of film to check!)
#4 DSDP VSS Films. May 24, 1984

16mm 9 ¾” film on core, 26-minutes, 964 ft., [87-020_mov00502558]

Written on the original film cans “Glomar Challenger Orig. + Master - #4 & #5

Following description from the DSPD-VSS Listing:

- FANTAIL: air gun firing in ocean
- Paleo lab: personnel Hans Bole’ & W. Riedel
- Pilot/ New York harbor
- San Diego Harbor: Ship entering harbor zoom in with camera from Point Loma Harbor
- CHEMISTRY LAB: Chem tech at Cahn balance
- CHEMISTRY LAB: Chem tech squeezing mud (mini core sample for IW)
- CARL WELL’S obtaining a SAT NAV (in old science tech office) with old DIGICO unit
- RIG FLOOR: core on deck inside core barrel of brown mud tech cutting liner with old original bronze cutter.
- Core lab tech (Wally Schneider) at grape and Nat. gamma unit
- RIG FLOOR: pipe rack and pie going down hole CORE ON DECK: breaking drill string to obtain core
- DAVE WORTH: at faxition X-ray unit in core lab
- RIG FLOOR PERSONNEL: lowering bumper subs and collars Collar connection with San Dulley on Rig Tower to help piece collar
- View of rig floor from top of aft crane boom
Gustafson pulling in gear before he got fat

CORE ON DECK: core liner Scientists measuring core liner sections - Tech Steve Ivy cutting core section with a wood trim saw

Scientists/tech: Ewing and Dave Worth - Core liner being cut with old brass cutter

RIG FLOOR and core barrel on horse racks

Interview with Arch Mclarren (in New York?) Newly painted Rig Floor Captain Bob Wilson walking in background

Ken Burno interview

RIG FLOOR: all painted and looking sharp and a pan across field ready for open house in

NEW YORK CITY

TECH’S ON FANTAIL – pulling’n gear (ie. Air gun old bolt type)

Moon pool on main deck: blue water with drill string entering

Pipe rack from fwd (rubber bumpers) position

A POSITION: SAT NAV. Lat. 06.27S/Long 30.89W ON TV SCREEN

Mel Peterson at SIO director’s office interview with globe (outside)

Long shot view from GRAPE unit and Natural gamma with Faxition in background. (i.e. stbd wall of core with instruments)
DSDP TWP #2. n.d.

16mm 5”film reel, color, 200 ft. [87-020_mov00502537]

Written on the film reel “TWP 2”

Following description from Timed Work Prints Index:

Core handling in lab

Splitting core

Technicians

See also 87-020_mov0050246 in box 349

DSDP TWP #3. February 1971

16mm 10 ½”film reel, color, 500 ft. [87-020_mov00502538]


Following description from the Timed Work Prints Index:

Leg 15 – Bob Luliucci handling core to GRAPE

John Isaacs handling core

Edgar looking over smear slides and recording

Color charting cores – Edgar

Edgar and Schneiderman describing split cores

Edgar and Schneiderman preparing a smear slide

Edgar and unknown, microscope

Drill floor scenes

Lifting drill pipe

Shots of drilling derrick

Edgar – Saunders looking over seismic profiling charts
DSDP TWP #5. n.d.

16mm 5” film reel, color, 200 ft. [87-020_mov00502539]

Written on the film reel “TWP 5”

Following description from Timed Work Prints Index:

EDO Electrical package for re-entry

DSDP TWP #7. n.d.

16mm 12” film reel, color [87-020_mov00502540]

Written on the film reel “TWP 7”

Following description from the Timed Work Prints Index:

Leg 17 – Draw works going up and down, shot of flexible pipe from top of derrick

Threading drill pipe

Drilling derrick (high) scene, more draw works going up and down, man high on derrick working

More overhead draw works footage

Drill floor footage

Threading and tightening pipe

Running pipe

High shot of drill floor

Automatic pipe racker at work

Cores being cut up

Drill floor shots

Ed Maxwell
DSDP TWP #8. n.d.

16mm 5” film reel, color, 200 ft. [87-020_mov00502541]

Written on the film reel “TWP 8”

Following description from the Timed Work Prints Listing:

- Project-made 4 minute film clip
- Long shot of Glomar Challenger, derrick shot forward shot
- Navigator plotting
- Pulling sonar beacons overboard
- Animation of dynamic position
  (Lots of footage is backwards)

DSDP TWP #11. n.d.

16mm 5” film reel, color [87-020_mov00502542]

Written on the film reel “TWP 11(?)”

Following description from the Timed Work Prints Listing:

- Leg 12 – Scientists examining core rack in core lab
- Close up of black core rack
- Scientists at work
- Dr. Herth-Nielsen at microscope
- Core examination in science lab
- Technician Susan Oates taking core samples
- Close up of colorful cores
- Dr. Laughton and Mike Lehman runs sonic velocity test on sediment samples
- Drill floor footage
- Technician at work
- Dr. Herth-Nielsen at work
- Scientists, paleo
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILMS SERIES (cont.)</td>
<td></td>
</tr>
<tr>
<td>354</td>
<td>DSDP TWP #12. n.d.</td>
</tr>
</tbody>
</table>

16mm 5” film reel, color [87-020_mov00502543]

Written on the film reel “TWP 12” and on the leader “Head – Color – Work print”

Following description from the Timed Work Prints Index:

- Leg 10 – Drilling derrick operation (high)
- Drill floor footage
- Running pipe
- Cutting cores into 5-ft. lengths
- Retrieving core barrel
- Running pipe
- Stuffing plastic liner into core barrel
- Running pipe
- Drilling
- Drill floor footage
- Retrieving core barrel
- Running pipe
- Bumper sub extension
- Core cutting labeling
- Drill floor footage
- Retrieving core barrel
<table>
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<th>BOX</th>
</tr>
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<td><strong>TITLE</strong></td>
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**FILMS SERIES (cont.)**

354  DSDP TWP #14. n.d.

<table>
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<tr>
<th>16mm 5” film reel, color [87-020_mov00502544]</th>
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</thead>
</table>

Written on the film reel “TWP 14”

Following description from the Timed Work Prints Index:

- 4-minute film clip for TV
- Navigator
- Sonar beacons
- Lifting beacons into ocean
- Dynamic positioning animation
- Drill bit coming down into moon pool
- Automatic pipe rack
- Drilling floor footage, running pipe
- Draw works
- Recovered core in plastic liner
- Ewing fingering core
- Core in x-ray, out
- Core natural gamma, out
- Taking small core sample
- Paleo work
- Fossilized skeletons
- Running pipe
Six (6) 16mm film or filmstrips of various sizes on cores or wound on themselves, color, housed in one film can container

- 16mm 3” film on core, labeled “47-1, Headphones” [87-020_mov00502545-A]
- 16mm 2 ¼” film on core, labeled “47-2, Tunnel Thrusters” [87-020_mov00502545-B]
- 16mm 2 ½” film on core, labeled “47-3, Headphones” [87-020_mov00502545-C]
- 16mm 1 ¾” film rolled on itself, labeled “47-4, Headphones” [87-020_mov00502545-D]
- 16mm 7 ¾” film on core, labeled “47-5, Sonar Beacons” [87-020_mov00502545-E]
- 16mm 3 ½” filmstrips rolled on itself, labeled “47, Logging cab” [87-020_mov00502545-F]

Written on the original film canister “47 – DSDP/VSS”

Following description from the DSPD-VSS Listing:

- #47-1: Headphones rig crew handling a “tool” over side at mid-ship
- #47-2: Tunnel thrusters
- #47-3: Hydrophones
- #47-4: No spool loose film [written on leader “Hydrophones”]
- #47-5: Sonar beacons
- #47: Logging cab
Two (2) 16mm film on cores, color, housed in one box container

16mm 8½” film on core, time 21:35 minutes, 770 ft., labeled “#50-1” [87-020_mov00502546-A]

16mm 8” film on core, time 16 minutes, 845 ft., labeled “#50-2” [87-020_mov00502546-B]

Written on the original film canister “50 – DSDP/VSS”

Following description from the DSPD-VSS Listing:

#50-1:

Water bubbles

Boat at sea rendezvous

Rig floor – view up to national and bowen – drilling

Core barrel down pipe via blocks

Aft shot ship at sea from life boat

From bridge ship area a pan out to rig floor

On rig rotary table – lowering string

Dave Worth weighting core section and using faxitron/nat gamma

Wide shot from bridge – pulling string

Beacon drop

Doc Ewing and party of scientists

Colorful shot of bow from tower

GRAPE unit

#50-2:

Ship tower and view looking up

Personnel (JOHN HINZ  mate GMI [GLOBAL MARINE INC.])

Lowering beacon

Mel [Peterson]/ Hinz / Willey

Weighting core section and faxitron (repeat)
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>354</td>
<td>#52 (1-2) DSDP VSS Films (Sound tracks). n.d.</td>
</tr>
</tbody>
</table>

Two (2) 16mm film soundtracks on cores, housed in one box container

16mm 9 ¼” film soundtrack on core, time 20 minutes, 750 ft., labeled “#52-1 – sound?” and written on leader “Antarctica Rolls 57+58+59” [87-020_mov00502547-A]

16mm 10” film soundtrack on core, time 20 minutes, 750 ft., labeled “#52-2 - sound” written on leader “ NSF – Narration – Head” [87-020_mov00502547-B]

Written on the original film canister “52 (1-2) (Sound tracks)”

Following description from the DSPD-VSS Listing:

#52-1 & 2: Both could be sound track material not photographic image on film

| 355 | Heave Compensator – Tom Wiley. n.d. |

16mm 13 ¾” film reel, color, original 800 ft. [87-020_mov00502548]

Written on the original film reel “800 ft. – Heave Compensator – Out Tapes - Surplus” and written on the leader “Tom Wiley – ORG.”

See also 87-020_mov00502496 also in this box.

| | Leg 28 - Core Shots (Static) & Leg 29 – Core Panning. n.d. |
| | 16mm 12” film reel, color, original 400 ft. [87-020_mov00502549] |

Written on the original film cans or reel “Leg 28 – Core Shots (Static) – Timed work print” and “Leg 29 Core Panning – Timed work print”

| | Leg 28 – Out takes, Part II. n.d. |
| | 16mm 12” film reel, color, original 400 ft. [87-020_mov00502550]. |

Written on the original film cans or reel “Leg 28 – Out takes – work print – Part II”
#29 DSDP VSS Film. n.d.

16mm 8 ¾” film on core, color, time 20:15 minutes, 729 ft. [87-020_mov00502551].

Written on the original film cans or reel “#29 - #30” [Originally both films were stored in one film can.]

Following description from the DSPD-VSS Listing:

NSF (23) Eureka rendezvous with GC/personnel Gus/Burni/unloading supplies (Giley, William Nierenberg)

NSF (26)

NSF (28) GMI [GLOBAL MARINE INC.] Person with ELMER in comp room

NSF (28) CORE LAB - R. Illucici bring in yellow cape core section with faxitron in the background and dennision label machine

NSF (29) - Sims interview on rig floor and a person checking a piece of equipment on deck with earphones

Sims solo interview (Darrel Sims)

NSF (33) core lab - Giley, Peterson on main deck discussing something with Nierenberg EUREKA RENDEZVOUS NSF (23)
FILMS SERIES (cont.)

#30 DSDP VSS Film. n.d.

16mm 11” film on core, color, time 35:44, 1286 ft. [87-020_mov00502552]

Written on the original film cans or reel “#29 - #30” on leader “#30 - Nat’l Science Foundation – no title – R-1 ECO – Heads” and “C0000 E# - C1215+ 18FR” [Originally both films were stored in one film can.]

Following description from the DSPD-VSS Listing:

Ship in port with a life boat checking exercise with GMI [GLOBAL MARINE INC.] personnel: John Hines (dead) Sam Dulley, Bob (Seaman) and Little John (Seaman)

NSF (2) dockside personnel/ship dockside

Supplies onboard via barge NSF (3)

NSF (4) personnel Robbie Miller

Rendezvous – Ship view from bridge and other ship at sea

Personnel Charlie Green (dead) on other boat looking at GC Bridge

Ship tying alongside (Don Smith mate)

Personnel GMI [GLOBAL MARINE INC.] attending position hydrophones on main deck

Welder putting main deck frame work for special exercise

NSF (8) HYDROPHONES

NSF (9) HYDROPHONES

HYDROPHONE exercise with _ saucer old beacons etc.

WINCH system on port main deck (like DARPA)

Sonar buoy unit orange top piece with antenna
Three (3) 16mm films on core, color, housed in one film can container

- 16mm 5” film on core [no time or footage information] labeled “7-A – Grand Canyon” [87-020_mov00502553-A]

- 16mm 5¼” film on core, time 5:00 minutes, 159 ft., labeled “7-C – Core lab saw” [87-020_mov00502553-B]

- 16mm 5” film on core, time 5:28 minutes, 203 ft., labeled “7-D – Dennision label machine” [87-020_mov00502553-C]

Written on the original film cans or reel “#7”

Following description from the DSPD-VSS Listing:

7-A: Shots of Grand Canyon, Arizona

7-C: Core Lab with Gene Bose with oldest cutting saw system Penetrometer and Terry Edgar

7-D: Core Lab and labeling machine (Dennison) tech labeling core with Faxition in background
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>355</td>
<td>#11 (A-D) DSDPVSS Films &amp; Audio. 1970</td>
</tr>
</tbody>
</table>

Four (4) 16mm films on core, color, A&D housed in one film can container and B&C in another

- 16mm 7 ¼” film on core, color, time 14:14 minutes, 530 ft., labeled “11-A” [87-020_mov00502554-A]
- 16mm 8” film on core, color, time 17 minutes, 616 ft., labeled “11-B” [87-020_mov00502554-B]
- 16mm 6 ½” film on core, color, time 10:15 minutes, 369 ft., labeled “11-C” [87-020_mov00502554-C]
- 16mm 6” film soundtrack on core, color, time 14:14 minutes, 400 ft., labeled “11-D, Sound” [87-020_mov00502554-D]

Written on the original film cans or reel “#11” date taken from the pink film processing papers kept with film 11-A film can.

Following description from the DSPD-VSS Listing:

- 11-A: Model (red orange yellow green of underwater sub for the future
- 11-B: Mel Peterson interview in room onboard ship
- 11-C: Darrel Sims interview on rig with GMI [GLOBAL MARINE INC.] personnel – NSF (29) 400’ good color shots of blocks, bowen drill string; close-up of unsoiled rubbers
- 11-D: Audio reel
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>355</td>
<td>DSDP Misc. Films. n.d.</td>
</tr>
</tbody>
</table>

Eight (8) 16mm films on cores, housed in one film can container:

- 16mm 3 ¾” film on core, labeled “Radio man” [87-020_mov00502555-A]
- 16mm 5” film on core, labeled “Ken Burney - interview” [87-020_mov00502555-B]
- 16mm 5 ¾” film on core, labeled “Dean Milow” [87-020_mov00502555-C]
- 16mm 4 ½” film on core, labeled “MNAP + core” [87-020_mov00502555-D]
- 16mm 5 ½” film on core, labeled “Misc.” written on leader “color sampling” [87-020_mov00502555-E]
- 16mm 2 ½” film on core [no labeling] [87-020_mov00502555-F]
- 16mm 2 ½” film on core [no labeling] [87-020_mov00502555-G]
- 16mm 4 ½” film on core, written on leader “Brunot at desk – sync” [87-020_mov00502555-H]

Label on original film can “Misc.”

Following description from labels or written on leader on each film:

- Radio man
- Ken Burney – interview
- Dean Milow
- MNAP + core
- Misc.” written on leader “color sampling
- [no labeling]
- [no labeling]
- Brunot at desk – sync
<table>
<thead>
<tr>
<th>BOX</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>356</td>
<td>Climate Factor. n.d.</td>
</tr>
</tbody>
</table>

Two (2) 16mm film on cores, stored in one box container

- 16mm 7 ½” film, written on leader “Tail – OCN - Climate – 2421 –Kim” [87-020_mov00502556-A]

- 16mm 7 ½” film, written on leader “7247 CAM. ORIG. – UC San Diego – Kim Climate – OCN#2 – 2426 – Heads” [87-020_mov00502556-B]

Label on original film can “for KP 108 ‘The Climate Factor’ from Scripps Institute Rolls 1, 2, 5, and 7”
356  #46 (1-4) DSDP VSS Films. n.d.

Four (4) 16mm film on cores

16mm 9” film on core, original, 900 ft., labeled “46-1 – R-1 Trims” [A&B housed together in one can] [87-020_mov00502557-A]

16mm 9 ½” film on core, original, 900 ft., labeled “46-2 – R-2 Trims” [A&B housed together in one can] [87-020_mov00502557-B]

16mm 4 ½” film on core, original, 3-minutes, 109 ft., labeled “46-3” [87-020_mov00502557-C]

16mm 4” film on core, original, 3:47-minutes, 136 ft., labeled “46-4” [87-020_mov00502557-D]

Written on the original film cans or reel “46-1, 2, 3, 4”

Following description from the DSPD-VSS Listing:

46-1: (This reel of film is broken in many places (TRIMS) Good shot of core lab CORE CAMERA on photo deck (original unit) During operation by photographer (leg 5 SITE 32 -1-1-WHITE CALK0

46-2: Good shot of core lab CORE CAMERA on photo deck (original unit) During operation by photographer (leg 5 SITE 32 -1-1-WHITE CALK0 [Same description as above]

46-3: RE-ENTRY CONE breaks loose - EDO WESTERN TOOL and a view of the inside of tool (guts) - Peterson explains re-entry with chart and pointer

46-4:

  Fantail techs (a/g lowering into ocean)

  CHARLIE GREEN (dead weather man with weather map)

  Radio operator at radio console

  Engine Room (engineer on watch)

  Seaman and cable (steel cable) work
#12-A DSDP VSS Films. October 24, 1986

16mm 10 ¼” film on core, Kodak color master, printed from A&B rolls, 30:40 minutes, 1104 ft., [87-020_mov00502560]

Written on the original film cans “12-A, B” and also written on plastic bag label “16mm master –printed from A& B rolls, NET – Spectrum #102 -Project Deep Probe”. The following written on the leader “1r – ECO prog – EKTA master #12A – logged 10/24/86 M.C.”

Following description from the DSDP VSS Film Listing:

Rig floor with Shaky Frank (roughneck)

FANTAIL (Gus, Steve, Ivy, and Dave Worth bring in A/G BOLT/port

Rig floor cloudy tropical day – putting core barrel into drill string & pan up to man-lift from drill pipe

FANTAIL, Dr Ewing on the fantail

Pipe of rack – skate running toward rig floor and lowering drill string.

Core on deck – breaking pipe to obtain barrel

Dave Worth and section and Dennision labeler

Rig floor and a double lift to man-lift (two on one tugger)

Scientists discussion on catwalk (Dr Ewing, etc.)

Rig floor and going into hole

Tech’s picking up gear

Scientists measuring core to cut sections 150cm

View of core catcher assembly

Dr. Ewing viewing core on deck (techs Ivy, worth cutting core)

DIGICO – SAT NAV computer and Carl Wells

Gene Bose with faxitron in background with old style core cutting unit (saw, electrical) Terry Edgar cutting cores

Penetrometer

Brown lighte colored clay/color chart/description

Glomar Challenger at sea view from a lift boat

EUREKA transfer at sea (film reversed for storage)

Rig floor national blocks; bowen unit bright new yellow close up of drill string with rubbers

Cloud formations

Rig floor view from tower; riding on top of blocks as they are being run down tower (running collars)

Half way up tower view toward forecastle and view of string

Rotation of only radar unit zooms in from tower area to bridge
#12-B DSDP VSS Films. October 24, 1986

16mm 12” film on core, Kodak color master, printed from A&B rolls, [no time or length information] [87-020_mov00502561]

Written on the original film cans “12-A, B”

Following description from the DSDP VSS Film Listing:

(Film Reversed)

Rig floor view down from tower and collars

View of bridge from tower

View of rig floor and roughnecks close-up of them making pipe connections

View of center of tower block holding 90’ sec’s of pipe

Close up of elevators and tongs pipe connection

Laying down pipe onto rack pulling out of hole

Tool pusher Bruce/Mr. Cotton/ close up of faces

Captain Bob Wilson

Rig floor pan down from rig and view of bowen unit

Man going up tower with help from tugger line

Bowen unit and view of drill string

Face of driller (famous) Sam Dulley; face of driller Jack; roughnecks with tugger cable

Guide arms for bowen unit (handling of)

Clear view of rig floor from science deck window (port) this section of reel reversed

Rig floor
FILMS SERIES (cont.)

#27 DSDP VSS Films. October 24, 1986

16mm 6 ½” film on core, 11:18-minutes, 406 ft., [87-020_mov00502563]

Written on the original film cans “#27 – Master film” and written on leader “#27 ECO orgi. Logged 10/24/86 M.C.”

Following description from the DSDP VSS Film Listing:

(Viewed in reversed)

Core lab – basalt pieces on sampling tale

Scientists Han (co-chiefs examining fossils under microscope
(Katrina Perch-Nelson)

Sue Oats sampling paleo lab (12-118A-9-1)

Brown sediment from brown cc with layer brown-blue/green

Tony Lauton and Mike Lyman at Sonic Velocity (earmuff type)

Rig floor wide angle shot from science office

Katrina Perch-Nelson drying paleo samples
FILMS SERIES (cont.)

356 #33A DSDP VSS Film. October 24, 1986

16mm 6 ½” film on core, original, 12:36-minutes, 454 ft., [87-020_mov00502564]

Written on the original film can “#33A,B VSS/DSDP” and written on leader “#33A ECO orgi. Logged 10/24/86 M.C.”

Following description taken from the DSDP VSS Film Listing:

(two spools in can) [Spool #33B was missing from the original can]

Leg 28 ANTARCTICA – ship with icebreaker in background via rig

Ship entering Honolulu harbor with scientists on flying bridge pilot flags and Honolulu tower (technicians)

Engine room (caterpillar) ray oiler CATS electric banks valves and dials

Rig floor – camera at drillers bench and bridge in background core and water splash on deck and techs laying core on core rack on cat walk (John Dewar and scientist James Gardner)

Craig Dootson and Vic Sotelo touring Honolulu tower with ship in background
Eight (8) 16mm film on core of various sizes, all stored in one box container

- 16mm 6 ½” film on core, labeled “SM/5c from 1st pix” [87-020_mov00502565-A]
- 16mm 6” film on core, labeled “Split screen” [87-020_mov00502565-B]
- 16mm 5” film on core, labeled “Misc.” [87-020_mov00502565-C]
- 16mm 5 ¼” film on core, labeled “Wx7…” [87-020_mov00502565-D]
- 16mm 4 ½” film on core, labeled “Misc.” [87-020_mov00502565-E]
- 16mm 4 ½ film on core, labeled “Misc. opticals” [87-020_mov00502565-F]
- 16mm 4 ¼” film on core, written on leader “Lab, X-ray & nail gamma” [87-020_mov00502565-G]
- 16mm 4 ¼” film on core, written on leader “Lab IRR gamma” [87-020_mov00502565-H]

Written on the original film can “Misc. films”