

Accession No.: 91-22

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

National Science Foundation. Project Mohole

NSF Project Mohole Records, 1959-1975

PHYSICAL DESCRIPTION: 30 mss

DESCRIPTION: The collection consists of reports dated from 1959-1975 detailing National Science Foundation's Project Mohole.

**National Science Foundation
Project Mohole Records, 1959-1975
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BOX	FOLDER TITLE
1	Detailed Cost Breakdown for Project Estimate) 31 March 1966, NSF Project Mohole-Phase II, Contract No. NSF-C260 Listing and Explanation of Differences Between Project Estimates Dated 8 October 1964 and 10 February 1964 NSF Contract NSF-C260, Brown & Root. Project Estimate NSF Project Mohole, Phase II, Brown & Root, 10 February 1964. Master Index of Scientific and Technical Progress Reports prepared for NSF Project Mohole Contract NSF C-260, by Brown and Root. Project Mohole Bibliography, Investigations, Presentations, and Reports Generated During Phase II SCIENTIFIC AND TECHNICAL PROGRESS REPORTS, BROWN & ROOT ... For the Period Ending November 15, 1963
2	... For the Period Ending December 15, 1963 ... For the Period Ending January 15, 1964 ... For the Period Ending February 15, 1964
3	...For the Period Ending March 15, 1964
4	... For the Period Ending April 15, 1964 ... For the Period Ending May 15, 1964
5	... For the Period Ending June 15, 1964
6	... For the Period Ending July 15, 1964
7	... For the Period Ending August 15, 1964
8	... For the Period Ending September 15, 1964

BOX**FOLDER TITLE****SCIENTIFIC AND TECHNICAL PROGRESS REPORTS, BROWN & ROOT continued**

- 9 ... For the Period Ending October 15, 1964
- 10 ... For the Period Ending November 15, 1964, Volume I
 ... For the Period Ending November 15, 1964, Volume II
- 11 ... For the Period Ending December 15, 1964
- 12 ... For the Period Ending January 15, 1965
- 13 ... For the Period Ending February 15, 1965
 ... For the Period Ending March 15, 1965
- 14 ... For the Period Ending April 15, 1965
- 15 ... For the Period Ending May 15, 1965
- 16 ... For the Period Ending June 15, 1965
 ... For the Period Ending July 15, 1965
 ... For the Period Ending August 15, 1965
- 17 ... For the Period Ending September 15, 1965
 ... For the Period Ending October 15, 1965
- 18 ... October 15, 1965 to November 15, 1965 [and] November 15, 1965 to
December 15, 1965
 ... For the Period Ending January 15, 1966
- 19 ... For the Period Ending March 15, 1966
 ... For the Period March 16, 1966 thru June 15, 1966
- 20 ... For the Period June 16, 1966 thru September 15, 1966

BOX**FOLDER TITLE****PROJECT MOHOLE - PHASE II, FINAL REPORTS, BROWN & ROOT**

- 21 ... Downhole Drilling Tools, Contract NSF C-260, n.d .
- ... Drilling Fluid and Cementing System, Contract NSF C-260, n.d .
- ... Hoisting System, Contract NSF C-260, n.d .
- ... Pipe Handling System, Contract NSF C-260, n.d .
- ... Rotating System, Contract NSF C-260, n.d .
- ... Sidewall Coring Tool, Contract NSF C-260, January 4, 1965
- ... Stage "A" Report, Magnetic Susceptibility & Magnetic Intensity Logging Tools, Contract NSF C-26-, May 10, 1967
- ... Stage "A" Report, Re-Entry Sonar Supplement No.1, Contract NSF C-260, May 29, 1967
- ... Final Report, Turbocorer Instrumentation, Contract NSF C-260, July 5, 1967
- ... Final Report, Bumper-Sub Instrumentation, Contract NSF C-260, July 19, 1967
- ... Stage "A" Report, Vessel Heave Compensator, Contract NSF C-260, August 4, 1967
- Messinger Consultants Company, "Progress Report Project Mohole, Communications," for NSF, n.d.
- 22 Saturn Electronics Corporation, "Volume I Final Design Report Automatic Pipe Racking System," Project Mohole, Brown & Root, Subcontract 65-77, n.d.
- Saturn Electronics Corporation, "Volume II-B Appendices H Through M, Final Design Report, Automatic Pipe Racking System," Project Mohole, Brown & Root, Subcontract 65-77, n.d.
- Saturn Electronics Corporation, "Volume III, Final Design Report, Automatic Pipe Racking System," Project Mohole, Brown & Root, Inc., Subcontract 65-77, n.d.
- "Design Report Stage A Positioning Units Appendix"

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22	<p>Shell Oil Company, "Floating Drilling and Underwater Well Completions, A Course for Industry," Preview November 9, 1962, 2 pm, Lecture Hall, Shell Development Company, Houston.</p> <p>American Science & Engineering Co (Houston), "Results of Oceanographic Studies-II," Prepared for Brown & Root Project Mohole, May 24, 1963</p> <p>American Science & Engineering Co., "Platform Motion Design Criteria," December 9, 1963, Prepared for Brown & Root</p>
23	<p>NSF Project Mohole, "Abstract Presentation to Bureau of Yards and Docks Navy Department, July 31, 1964," Brown & Root.</p> <p>National Engineering Science Co, "On the Dynamic Analysis of the Mohole Riser," by M. St. Denis, November 1964.</p>
24	<p>National Supply Division, ARMCO Steel Corporation, "Mohole Project Drawworks Design Layout Drawings, Brown & Root Subcontract 63-29, November 16, 1964</p> <p>National Engineering Science Co., "Dynamic Stress Analysis of the Mohole Riser System, Final Report, Part I, Contract No. 63-30, January 1965, Prepared for Brown & Root</p> <p style="padding-left: 40px;">Part II, Addendum</p>
25	<p>[Brown & Root] "Stage A Report, Equipment Evaluation Test Well at Uvalde Texas, May 1, 1965</p> <p>National Engineering Science Co, "Structural Dynamic Analysis of the Riser and Drill String for Project Mohole, Final Report Addendum, Compendium of Supporting Data, Contract 65-83, December 1965, for Brown & Root</p> <p>General Motors Corporation, "Manual for Operation and Maintenance of the SBS Position-Measurement System," Prepared for Brown and Root ... vol. 512 0203 1966, GM Defense Research Laboratories, Santa Barbara, California, Sea Operations Department, January 1966</p> <p>NSF Project Mohole, "Abstract Presentation to United States Coast Guard Service, MMT Washington, D.C. February 16, 1966</p> <p>Brown & Root, Project Mohole, "Design Dossier for Riser System," Re-issue dated 21 February 1966</p>

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26	<p>Brown & Root, Project Mohole, "Final Report, Project Mohole Phase II, Drilling Platform Antenna Design and Arrangement Study," Chu Associates for Brown and Root, 12 March 1966, Contract No. 65-81</p> <p>Halliburton Company, "Project Mohole Pump Expendable Parts Test, Brown & Root, Work Order 66-2, October 5, 1966 "</p> <p>Metrex Inc, "Instrumented Drill String Data Acquisition System Operation and Maintenance Manual," Customer: University of California, Deep Sea Drilling Program, La Jolla, Order No. G-10580-3058, prepared by CDR Systems, San Diego</p>
27	<p>Stevens Institute of Technology, "1/100-Scale Model Tests of Mohole Drilling Platform in Waves," by Edward Numata for Brown & Root, DL Projects 2820/683, 2861/711, 3043/837 Letter Report No. 1084, January 1967</p>
28	<p>Honeywell, "Rough Draft A Technical Manual for Vessel Positioning System Operation and Maintenance," Submitted to Brown and Root ... Subcontract 63-04, February 28, 1967</p> <p>Global Marine, Inc., "Proposal to Supply Vessel, Equipment, and Crew for Deep Sea Drilling Operations, Part 1, Volume II - Appendices and Supporting Data," in response to a request from The Regents of the University of California</p> <p>Global Marine Inc., "Proposal to Supply Vessel, Equipment and Crew for Deep Sea Drilling Operations, Part 1, Volume I, Technical Proposal," ... June, 1967</p> <p>Brown & Root, "Project Mohole - Phase II, Stage "A" Report, Vessel Heave Compensator, Contract NSF C-260, August 4, 1967</p> <p>Brown & Root, "Supplement to Stage "A" Design Report, Power Plant and Electrical Distribution Equipment System," Prepared for NSF Project Mohole under Contract NSF-C260, September 29, 1967</p>
29	<p>National Engineering Science Co., "Analysis of the Drill-String of the Joides Drilling Vessel," November 6, 1967, P-3019</p> <p>Oregon State University, "Sea Solar Plants A Feasibility Study, Ocean Engineering Design Project," Spring 1974.</p> <p>Lockheed Missiles & Space Company, Inc., "Proposal for Deep Sea Drilling Riser System, Volume I, Technical Proposal," LMSC-D083711, June 16, 1975</p>

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Lockheed Missiles & Space Company, Inc., "Additional Technical Information for Engineering Design Study for a 10,000 Foot Water Depth Riser and Well Control System, August 28, 1975," LMSC/D083711-C, Prepared for: Scripps Institution of Oceanography, In response to: RFP No. 5B-24814-0 and Scripps letter dated 5 August 1975.

Mechanics Research Inc., Los Angeles ... , "Response to Questions Relating to Proposal for Engineering Design Study for a 10,000 Foot Water Depth Riser and Well Control System, RFP No. 5B-24814-0, S-5729, September 5, 1975, prepared for Scripps Institution of Oceanography Deep Sea Drilling Project

Mechanics Research Inc., "Deep Riser Verification Program: A Proposal to The Offshore Drilling Industry," MRI Proposal U-5930, November 14, 1975

Metrex, Inc., "Test Report, Instrumented Drill String Sub Spec: DSDP0109-00," Customer: University of California Deep Sea Drilling Program, La Jolla ... Order No. G10580-3058

NAS-NRC AMSOC Committee Reports: Drilling Thru the Earth's Crust, 1959. Experimental Drilling in Deep Water at La Jolla and Guadalupe Sites, 1961. Design of a Deep Ocean Drilling Ship, 1962. A Study of Serpentinite, the AMSOC Core Hole Near Mayaguez, Puerto Rico, 1964.