

S. DOUGLAS DEVOY

POSITION

Group Marine Director, Matthews-Daniel Company
Senior Vice President/Director, Matthews-Daniel Company

Supervise activities of all Matthews-Daniel Company employees and supervise/perform all loss adjusting engineering, analysis, and consultation associated with:

Drilling Contractors
Marine Transportation Companies
Salvage Operators
Petroleum and Marine Underwriters and Associated Energy Related Firms regarding Warranty Work for Wet and Dry Transportation and General Operations of their Drilling Units or Marine Vehicles and Attorneys regarding Expert Services
Marine Accident Investigation
Safety and Valuation Surveys of Marine Equipment including Vessels, Barges
Jack-Up Rigs and Fixed Offshore Platforms
Energy Loss Adjusting

QUALIFICATIONS

Certified Marine Surveyor (N.A.M.S.);
Unlimited Horsepower 1st Assistant Engineer License for any Ocean, issued in Houston, Texas, 1981;
Unlimited Horsepower 3rd Assistant Engineer (Diesel) License for any Ocean, issued in Houston, Texas, 1973.
Texas Board of Insurance Adjuster's License

MARINE EDUCATION

Texas A & M University, Department of Marine Engineering, 1970-1973; Graduating as "Distinguished Student" with Bachelor of Science in Marine Engineering, Massachusetts Institute of Technology, Boston, Massachusetts; Department of Ocean Engineering; Graduate Program in Ship Structures and Ocean Engineering, 1973; University of Hawaii, Department of Civil Engineering; Graduate Program in Non-Linear Analysis, 1975

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PROFESSIONAL HISTORY

1984 - Present

MATTHEWS-DANIEL COMPANY, Houston, Texas

Group Marine Director
Director/Senior Vice-President/Marine
Engineer/Project Manager Ocean Tows

Supervise marine survey activities worldwide for Matthews-Daniel Group. Supervise Houston Marine staff and perform all types of marine related surveys including wet and dry ocean transports of rigs, structures, modules, and equipment; trip-in-tow surveys, loss investigations, safety and valuation surveys of marine equipment and warranty surveys, location approvals. Coordinate salvage efforts and negotiate salvage contracts on behalf of Underwriters and Owners. Supervise all aspects of ocean tows/voyages including all engineering aspects. Adjusting marine and energy related losses.

1983 - 1984

J.F. MOORE, INC., Houston, Texas

Vice President - Supervised and performed survey of wet and dry ocean tows/voyages, trip-in-tows of structures, modules and various oilfield related equipment (to include all engineering aspects); valuation of marine equipment and jack-up rigs.

1981 - 1983

MATTHEWS-DANIEL MARINE, INC., Houston, Texas

Marine Engineer/Project Manager Ocean Tows, performed all types' marine related surveys including wet and dry ocean tows, trip-in-tows, losses, valuations, safety and warranty surveys, location approvals. Supervised all aspects of ocean tows/voyages including all engineering aspects.

1981

TEXAS A & M UNIVERSITY, Galveston, Texas

Lecturer, Texas Maritime College: 1) Marine Engineering/ Naval Architecture; 2) Electrical Engineering; 3) Computer Science; 4) Industrial Engineering.

1974 - 1980

MARINE ENGINEERS BENEFICIAL ASSOC., Houston, Texas

1st Assistant Engineer on various U.S. deep sea shipping companies.

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REPRESENTATIVE PROJECTS - (Direct Responsibility)

1. **Texaco - Project HABITAT**
 - Technical backup on jacket launch, jacket installation.
 - Deck loadouts, barge stability, tug B.H.P., seafastenings.
 - Structural adequacy of barge for loadout and transport of decks including offshore lifting.

2. **PENROD 73 - Semi-Submersible Drilling Unit**
(Loaded onboard M/V **FERNCARRIER**)
 - Technical backup on calculation of expected forces to be encountered during tow (acceleration forces).
 - Review of transport company's model test results.
 - Onsite survey of all of the above with recommendations on all aspects.

3. **Texaco - Project HARVEST**
 - Technical backup on jacket launch, jacket installation, deck loadouts.
 - Barge stability, tug B.H.P., seafastenings.
 - Structural adequacy of barge for loadout and transport of decks including offshore lifting.
 - Recommendation of design Sea State for input into fatigue analysis and vessel motion response program for maximum load calculation.
 - Onsite survey of all the above with recommendations on all aspects.

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REPRESENTATIVE PROJECTS - (Cont.)

4. **Placid Oil Company Green Canyon Block 29 Deepwater Production Project**
 - Project Manager for Warranty Survey Services for all phases of the placid floating production system and associated free standing riser.
 - Management of marine survey and engineering review of all aspects of mooring system MODU modification and free standing riser.

5. **Conoco, Inc. - Joliet Green Canyon, Block 184, TLWP**
 - Marine Warranty Surveyor representing Underwriters' Interests and Installation Certified Verification Authority (CVA) representing Minerals Management Service.
 - Project Director of full scope of Marine Survey Services and CVA activities to include:
 - Review of meteorological data for Gulf of Mexico and dry towage of TLWP from Singapore to U.S. Gulf.
 - Loadout, tie-down, transportation and installation of TLWP template.
 - Loadout, tie-down, transportation and installation of TLWP on dry transport vessel.
 - Loadout, transportation and installation of TLWP tendons.

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REPRESENTATIVE PROJECTS - (Cont.)

6. **Amerada Hess Corporation - Hess Oil Virgin Islands Corp. Refinery**
 - Project Director Marine Surveyor Services for loadout, transport, and installation of complete refinery components on worldwide basis to St. Croix, Virgin Islands.
 - Technical backup on calculation of expected forces to be encountered during transit (acceleration forces).
 - Review of all transport companies model test results.
 - Onsite survey of all of the above with recommendations on all aspects.

7. **Amoco Orient Petroleum Company - Liuhua 11-1 Development Project**
 - Marine Warranty Surveyor representing Underwriters' Interests.
 - Senior Project Manager of full scope of Marine Surveyor Services for the installation of the Amoco FPS (Floating Production System) and FPSO (Floating Production Storage & Offtake) from Singapore to offshore China.

8. **Oryx Neptune SPAR Project - 1996**
 - Senior Project Manager and Senior Marine Surveyor representing Underwriters' Interests over full scope of Marine Warranty Surveyor Services for the upending and mooring of the first production SPAR in the Gulf of Mexico.
 - Coordinated all engineering reviews necessary to approve transport, joining of two (2) hulls sections, tow to site, upending and mooring of SPAR hull.
 - Coordinated all engineering reviews necessary to approve transportation and installation of anchor piles, mooring system components, and production deck.

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REPRESENTATIVE PROJECTS - (Cont.)

- Coordinated all engineering reviews necessary to approve transportation and installation of riser buoyancy cans and production risers.
- Coordinated all engineering reviews necessary to approve installation procedures for transportation and installation of all SPAR project components including mooring system, SPAR hull, production deck, buoyancy cans and production risers and issued MWS approval for same.

9. **Kerr McGee Nansen & Boomvang SPAR Project
– 2001/2002**

- Senior Project Manager representing Underwriters' Interests over full scope of Marine Warranty Surveyor Services for the upending and mooring of the first Truss SPAR's in the Gulf of Mexico.
- Coordinated all engineering reviews necessary to approve transport, upending and mooring of SPAR hull.
- Coordinated all engineering reviews necessary to approve transportation and installation of anchor piles, mooring system components, and tandem lift of production deck.
- Coordinated all engineering reviews necessary to approve transportation and installation of riser buoyancy cans and production risers.
- Coordinated all engineering reviews necessary to approve installation procedures for transportation and installation of all SPAR project components including mooring system, SPAR hull, production deck, buoyancy cans and production risers and issued MWS approval for same.

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REPRESENTATIVE PROJECTS - (Cont.)

10. **Kerr McGee Gunnison SPAR Project - 2003**

- Senior Project Manager representing Underwriters' Interests over full scope of Marine Warranty Surveyor Services for the upending and mooring of a Truss SPAR's in the Gulf of Mexico.
- Coordinated all engineering reviews necessary to approve transport, upending and mooring of SPAR hull.
- Coordinated all engineering reviews necessary to approve transportation and installation of anchor piles, mooring system components, and lift of production deck.
- Coordinated all engineering reviews necessary to approve transportation and installation of riser buoyancy cans and production risers.
- Coordinated all engineering reviews necessary to approve installation procedures for transportation and installation of all SPAR project components including mooring system, SPAR hull, production deck, buoyancy cans and production risers and issued MWS approval for same.

11. **Kerr McGee Red Hawk Cell SPAR Project - 2004**

- Senior Project Manager representing Underwriters' Interests over full scope of Marine Warranty Surveyor Services for the upending and mooring of the first Cell SPAR's in the Gulf of Mexico.
- Coordinated all engineering reviews necessary to approve transport, upending and mooring of SPAR hull.
- Coordinated all engineering reviews necessary to approve transportation and installation of suction piles, mooring system components, and lift of production deck.

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REPRESENTATIVE PROJECTS - (Cont.)

- Coordinated all engineering reviews necessary to approve transportation and installation of riser buoyancy cans and production risers.
- Coordinated all engineering reviews necessary to approve installation procedures for transportation and installation of all SPAR project components including mooring system, SPAR hull, production deck, buoyancy cans and production risers and issued MWS approval for same.

12. **Conoco-Phillips Magnolia TLP Installation-2003/2004**

- Senior Project Manager representing Underwriters' Interests over full scope of Marine Warranty Surveyor Services for the dry transportation and installation of a deepwater TLP in the Gulf of Mexico.
- Coordinated all engineering reviews necessary to approve transport, towage, installation of free standing tendons, hook-up to freestanding tendons to the hull and de-ballasting/tensioning of tendons.
- Coordinated all engineering reviews including dry transportation and others necessary to approve transportation and installation of tendons and hull and all mating activities.

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PROFESSIONAL ASSOCIATIONS

1992-1996 O.T.C. Program Committees - M.T.S.,
Chairman
Chairman Warranty Surveyor Panel-Lloyds Rig Committee
National Association of Marine Surveyors (CMS Certified)
– Regional Vice-President West Gulf Region
The Offshore Energy Museum - Advisory Board of
Directors
Weather Research Center- Board of Directors
Society of Naval Architects and Marine Engineers
Propeller Club of United States
Marine Technology Society
Marine Engineers Beneficial Association
Houston Mariners Club
International Association of Drilling Contractors
NOSAC- (National Offshore Safety Advisory Committee) -
2004-2007; Co-Chairman NOSAC Lift-Boat Sub-committee-
2004

PUBLICATIONS

OTC-1989 - Paper No. 6125, *On Bottom Stability of Jack-Ups*
OTC-1990 - Paper No. 6471, *The Dry Transport of the Green Canyon 'Tension Leg Wellhead Platform' By A Semi-Submersible Heavy-Lift Ship*
OTC-1994 - Paper No. 7531, *Soil Structure Interaction During Preloading of Jack-Up MODU's in Different Soil Conditions*
OTC-2000 - Paper No. 12080, *Effects of Soil Information on Economics of Jackup Installation*