

Dutton's Navigation, Inc.

Marine Warranty Survey (MWS)



History

Dutton's Navigation was founded in 1998 as a training facility, specializing in the education of Marine Oilfield Personnel in the safe movement, positioning, and preloading of Jack Up Drilling rigs.



Rig Moving School-Our Origin



History

By 1998, Dutton's Navigation was an industry leader in all phases of Rig Moving Education; Jack Up and Semi-Submersible Towing, Positioning, and emplacement for all types of locations and rigs.

In 2008, a sister company (Offshore Rig Movers, International) was formed to accommodate the growing need for Experienced, Competent, and Vetted Rig Movers to the Industry.

Recently, Dutton's Navigation has expanded with a Marine Warranty Survey Services Division, and continues to provide Rig Move training to the Industry

Structure

Having Dutton's Navigation, Inc be the provider for Marine Warranty Survey and related services provides a complete separation between consultant Rig Mover services and MWS.

Offshore Rig Movers and Dutton's Navigation are managed separately, in an effort to eliminate potential conflicts of interest.

Sapphire Driller-Punch Through



Company Mission

With our unparalleled knowledge base and access to the worlds best cadre of experienced rig movers, Dutton's Navigation, Inc. is poised to be a leader in the Marine Warranty Survey Business with a depth of practical, technical, and academic abilities second to none.

Our concept of risk reduction to protect the Underwriters and the Assured's assets is a combination of regulatory and industry standard expertise, mixed with the most practical operations-based, no-nonsense oversight in the sector.

With our history and experience, there is simply no other MWS company that can equal our abilities.



Capt. Roger C. Dutton



Presidents Resume

SUMMARY

A seasoned mariner offering breadth and depth of experience and achievements for over 33 years in the international petroleum and drilling industry. Directing offshore marine operations on 14 oceans and seas. Including Alaska's arctic waters and working with clients in 27 foreign countries on 5 continents. Highly effective communication, motivational and inspirational skills, sound leadership, and technical experience in marine operations. Resulting in the successful movement as the Rig Mover and Tow Master on over 350 floating inland river and lake barges, posted swamp barges, offshore mobile jack-up, and semi-submersible drilling units in water depth ratings 8 to 10,000 ft. Successful interaction with client management team to engender sustainable joint venture leadership for the implementation of integrated multi-company efforts, inclusive of performance oriented incentives. Leadership in high profile projects, including contributions to the project's basis of design, as well as direct supervision and responsibility on all marine aspects of offshore drilling units, including rig moves, ship modifications, cargo logistics, marine inspection, certification, stability calculations, safety programs, training, budget preparation, bid proposals, and personnel mentoring. Participated, managed, and directly supervised design, fabrication of complex equipment systems, new construction, and refurbishment and repair of mature offshore rigs with shipyard experience in China, Singapore, Malaysia, Nigeria, Russia, and the United States. Started the Dutton's Navigation Rig Move School for jack-ups as the author of the textbook "Introduction to Practical Rigmoving" and designed a simulator encompassing twin screw vessel operation, towing practices, and jack-up rig positioning techniques over fixed offshore platforms. Training over 500 students from International Clients; Noble Drilling, Global Santa Fe, Seadrill, Transocean, Shelf Drilling, Paragon Drilling, Diamond Drilling, Atwood Oceanics, ENSCO, Maersk Drilling, KCA Deutag, PEMEX, ONGC, PETRONAS, Noble Drilling, Matthews Daniel, BP, Keppel FELS, and BHP Billiton. An advocate of strong commitment to safety, health, environment, and security through team dynamics with adherence to company and client quality safety management policy, procedures, and systems.

EDUCATION

United States Merchant Marine Academy ~ Bachelor of Science in Nautical Science

President's Resume

PROFESSIONAL EXPERIENCE

Dutton's Navigation Inc. / Offshore Rig Movers International – Houston, Texas

1997 - Present

Founder / President / Principle Instructor

Founder, President and Principle Instructor of Dutton Navigation Inc.

- Author of textbook "Introduction to Practical Rigmoving".
- Designer of simulator and instructor of twin-screw vessel operation, towing practices, and drilling rig positioning techniques.
- Rig Moving School for Jack-Ups, with 12 hours of classroom instruction and 32 hours of hands-on simulation. The only training center in the world using ride-on 1/10 scale and designed to be weight to horsepower to size ratio correct. Rig to Tug Boat Commands simulations for tugs and tow vessels, including Z-Drive Operations.
- Instruction on towing techniques, Bollard pull variances, multi-vessel vectoring, rig walking, anchoring theory anchoring theory and practice, RPD management, Preloading, and rig move physics.
- Land-Based and Water-Based anchoring simulations to demonstrate theory, patterns, and options.
- Training over 500 students from Clients; Noble Drilling, Global Santa Fe, Seadrill, Transocean, Shelf Drilling, Paragon Drilling, Diamond Drilling, Atwood Oceanics, ENSCO, Maersk Drilling, KCA Deutag, PEMEX, ONGC, PETRONAS, Noble Drilling, Mathews Daniels, BP, Keppel FELS, BHP Billiton.

President / Rig Mover / Tow Master / Marine Consultant

(2008 – Present)

President / Rig Mover / Tow Master / Marine Consultant of Offshore Rig Movers International (ORMI).

- Domestic and International jack-up, semi-submersible rig moves.
- ORMI employs 18 experienced certified international rig movers, tow masters, and consultants
- ORMI has been contracted for over 1400 rig moves.
- Consultant services include start-ups, new construction, shipyard re-fits, barge surveys, load outs, cargo surveys, loss surveying, and platform installations.

Tug Captain / Mate / 2nd Mate

(1999 – 2000)

Tug Captain / Mate / 2nd Mate for Clearwater Marine, Krause Towing, Vane Bunkering Co, Hvide Marine, Gimrock Maritime. Supervision and operation of single and twin screw tugs operating for ship docking, fuel barge movement, deep sea wire and hawser towing.

President's Resume

SANTA FE DRILLING COMPANY - Dallas, Texas

<i>Jacking Technician</i>	– Gulf of Mexico	1982 – 1997 (1982- 1986)
<i>Barge Engineer</i>	– Sarawak East Malaysia	(1986-1988)
<i>Marine Superintendent / Barge Engineer</i>	– Port Harcourt, Nigeria	(1988 - 1989)
<i>Marine Superintendent / Barge Engineer</i>	– Jakarta Indonesia	(1990-1997)
<i>Marine Superintendent / Barge Engineer</i>	– Cairo, Egypt	(1999 - 2000) (Consulting)

EDUCATION

United States Merchant Marine Academy, Kings Point, NY - Bachelor of Science in Nautical Sciences
Minors in Economics with emphasis in small boat operations: inlet waters, rivers and ocean towing.

MILITARY SERVICE

United States Navy

Honorable Discharge as Lieutenant, USNR

UNITED STATES COAST GUARD (USCG) – MARINE LICENSES

USCG Master, 1600 ton, Oceans, Unrestricted; USCG Offshore Installation Manager, Unrestricted; USCG 2nd Mate, Unlimited Tonnage, Oceans. GMDSS (Global Maritime Distress and Safety System) radio operator. Current STCW (Standards of Training, Certification and Watchkeeping).

President's Resume

PROFESSIONAL TRAINING

Well Control IWCF, (Supervisor Surface / Subsea)
IADC Well Cap (Supervisor Surface / Subsea, Drilling / Completion / Workover)
Offshore Installation Managers – OIM Unrestricted USCG Certification
H₂S Safety and SCBA Training
BOSIET Offshore Survival and HUET
Fire Fighting Training
Forklift Driving School
Crane Operators School -
CPR Training
Handling Hazardous Materials
Proper Handling of Explosive and Radioactive Materials -
Scaffolding Systems
Safety Auditing Safety Management Seminar Able Bodied Seaman / Life boatman - USCG
Safety Management Systems, SMS.
Quality Management Systems, QMS.
Save a Back Training
STOP
First Aid Training
Rigger Training
Personnel Protective Equipment PPE
Job Safety Environmental Analysis (JSEA) Training.
Permit to Work Training
Working at Heights Training
Marine Trash and Debris, MMS Legal and Ethics Training

Maersk Victory-Punch Through



Why Dutton's Navigation?

- Drawing upon years of hands-on experience and training, Dutton's Navigation MWS personnel are some of the most highly qualified in the industry
- Dutton's Navigation has an industry leading Competency Testing & Assurance Program second to none.
- As a result, risk reduction is maximized when compared with MWS service providers with less practical experience.
- Dutton's Navigation's small corporate structure allows for flexibility and results in low overhead, allowing us to better accommodate your needs at a lower cost.
- Responsive and high quality customer service is always our priority

Shell Kulluk-Grounding



Services Offered

- Marine Warranty Survey
- Document Review and Approval
- Marine Advising Service
- Approval of towages, heavy lifts, and installations
- Location Approvals
- Engineering services-through a partnership with 3Dent Technology, LLC. 24 hour lines of contact available
- Weather services offered through Weather Decision Technologies, Inc.
- Geo/Soil Analysis services offered through Fugro-McClelland, USA.
- We are effectively a “one stop shop” for your MWS needs

Marine Warranty Survey Personnel

Roger Dutton –President

Seasoned Mariner, OIM Unrestricted, 1600 Ton Master, Author of textbook “Introduction to Practical Rig Moving”. 25+ years experience with over 250 Jack-Up rig moves worldwide.

J. Adam Parsons-Senior Consultant

Seasoned Master Mariner-USCG Oceans Unrestricted, Rig Mover and Tow Master with over 180 major ocean transits for the domestic and international offshore drilling industry.

Dagfinn Bakken-Senior Consultant

Seasoned Master Mariner, 6 years’ experience as a tow master and marine consultant.

Richard Spellacy-Senior Consultant

Seasoned Master Mariner-British and Canadian Masters License-Foreign Going, 40+ years in the maritime industry.

Marine Warranty Survey Personnel

Hugh Gallagher-Senior Consultant

Seasoned Master Mariner-Unlimited Tonnage Masters' License as well as OIM. 30+ years of international and domestic maritime experience.

Sandeep Rana-Senior Consultant

Seasoned Master Mariner-Over 42 years' maritime experience with 20+ in the offshore drilling industry.

Purandatt Prashad-Senior Consultant

Seasoned Master Mariner-Over 27 years' maritime experience with over 10 years' experience in the offshore drilling industry. Master Unlimited and Master DPO.