



CHARLIE L. EMERSON
Vessel Chief Engineer/Port Engineer
charlieemerson@ymail.com

EDUCATION

Sweetwater High School, Sweetwater, TX, 1974

PROFESSIONAL EXPERIENCE

TDI-Brooks International, Inc., College Station, TX, Vessel Chief Engineer and Port Engineer, 2002-Present

- Manage, locate and schedule dry docks worldwide for major vessel repairs and surveys
- Coordinate and negotiate costs for all major repairs and dry dockings
- Well versed in all aspects of structural steel and design
- Ability to analyze problems via communication while a vessel is at sea or in a remote location
- Oversees and performs the maintenance and repairs to main engines, generators and all other equipment
- Prepare vessels to regulatory compliance standards (i.e. ABS Surveys and U.S. Coast Guard Inspections)
- Train engineers in vessel systems, repairs, and company policies
- Develops and reviews planned maintenance program for vessels

Forward Motion Landscape and Pool Construction, Owner/ V.P., 1999–2002

- Managed and trained an efficient and productive team of 12 people
- Possess knowledge of proper techniques in construction of concrete structures, fire pits, water features and pools
- Experience and proficiency at operating skid steer loader, mini excavator, Dingo, and hand tools
- Ability to read and understand landscape plans, blueprints and specifications

San Diego Tug and Barge Operated Tugboats, San Diego, CA, Crane Operator, 1986-1994

- Captain/Engineer overseeing all aspects of 3 tugboats, 6 deck barges and a floating crane barge
- Salvage Master



Scientific Services on a Global Basis

TDI-Brooks International, Inc.

14391 S. Dowling, College Station, TX 77845

Ph: (979) 693-3446 Fax: (979) 693-6389

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- Specializing in US Navy weight testing on ships
- Oversaw and built multiple off shore reef sites
- In charge of multiple projects involving construction and off shore activities

Southwest Marine Inc., San Diego, CS, Outside Machinist, 1977-1985

- Operated cranes, forklifts and other heavy equipment
- Repaired and built ship parts including pumps, motors, shafting and alignment
- Operated shipyard tugboats to assist in dockings

PROFESSIONAL TRAINING

USCG Chief Engineers License

STCW Endorsement

Transportation Workers Identity Credential

Lifeboatman Training

Oil Transfer Procedures

ISM Code Training

ISPS Ship Security

Winch and Crane Operator

Basic Offshore Survival and Emergency Training

Firefighting School

First Aid/ CPR

Maritime School, Captain's License