



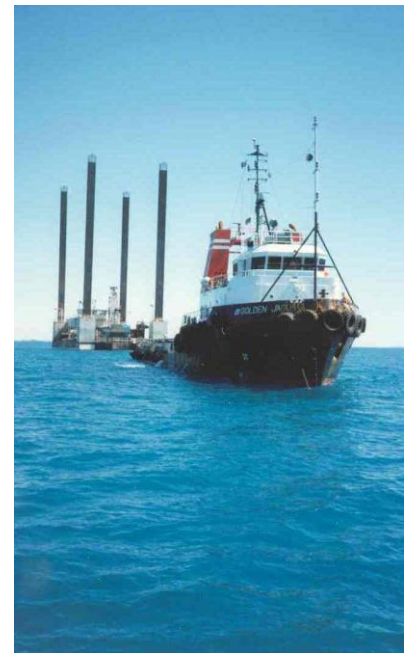
## **MARINE WARRANTY FOR HEAVY LIFTS, LOADOUTS AND OCEAN TOWING**

Maritime Engineers Pty Ltd is an ISO9001 Lloyds Register Quality Management Certified Company, which specialises in Marine Warranty, Heavy Lifts/Loadouts and Ocean Towing Procedures.

Its Executive Director, Mr Kent Stewart, has over forty (40) years experience in the Maritime Industry and over thirty five (35) years' experience with ocean towing. Mr Stewart is a Fellow of the Institute of Marine Engineering Science and Technology and a Fellow of the Institution of Engineers (Australia).

Maritime Engineers Pty Ltd have conducted all facets of Marine Warranty work including:

- Barge suitability
- Design of sea fastenings
- Design of towing bridles and emergency gear
- Stability during loading and sea passage conditions
- Ballasting plans
- Loadout supervision
- Pre-Towing and Marine Warranty Certification
- Readiness and Sailaway Notices
- Advice to Clients



Further, Maritime Engineers Pty Ltd offers complete Towing Procedures including:

- Tug Selection
- Charter Parties/Contracts of Towing
- Crew Competence and Certification
- Towing Assembly Appraisal
- Towing Plans and Voyage Plans
- Hook-up and Contingency Plans
- Emergency Procedures and Equipment
- Certification and Permits
- Marine Warranty of Tows





## MAJOR CONTRACTS

Maritime Engineers Pty Ltd were engaged to undertake the planning and supervision of the complete load-out for four (4) large subsea structures for installation on Western Australia North West Shelf offshore gas fields. We have undertaken numerous heavy lift loadouts and offloads on heavy lift vessels using ships cranes. Major clients include BigLift, SAL and Jumbo.

Maritime Engineers Pty Ltd prepared the Towing Plan for the F.P.S.O. "NORTHERN ENDEAVOUR" tow from Singapore to the Timor Sea. This was the largest tow ever undertaken in the southern hemisphere at that time.

The Company has extensive experience in conducting towing warranties, tows of jack-ups, large construction barges, crane barges and large concrete structures.

The Executive Director, Mr Kent Stewart, has had direct experience in float-on/float-off heavy lifts using large submersible construction barges, both self propelled and towed types.

Maritime Engineers Pty Ltd is the only Australian Marine Survey Company, which has Lloyds Register ISO9001 Quality Management Certification for Marine Warranty work.

