

MARINE

CONSULTANTS
(TRINIDAD) LTD.



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INTRODUCTION

At Marine Consultants (Trinidad) Limited *We Keep Marine Operators Operating*. We realise the high costs of downtime and aim to minimise this for our customers. Organisations and individuals who operate in the marine industry do not want to be second-guessing their equipment. For this reason, Marine Consultants (Trinidad) Ltd. not only supplies equipment for your safety needs, but we offer maintenance of the various equipment used on both vessels and offshore structures. In addition, we offer consultancy services on asset management and conduct safety surveys and assessments.

EVACUATION SYSTEMS

We supply, install, service and repair and re-certify where applicable, Inflatable Life Rafts, Inflatable boats, and Life Jackets for manufacturers such as:



Marine Consultants offers total service, i.e. pick-up, inspection/repairs/re-certification, and return of equipment to and from our Service Centre. Where necessary, we offer back up units to accommodate your crew whilst inspection and service are being conducted on your own equipment. We offer completion of a Liferaft's standard re-certification process over a forty-eight (48) hours period, depending on your location. Multiple units will of course incur further time. Although our office hours are within normal hours of 8:00 am to 5:00 pm, we offer twenty four (24) hour service on demand.

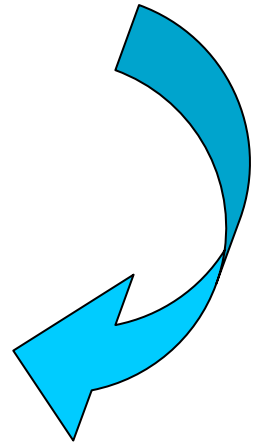
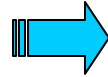
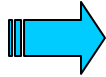
All repairs are carried out in controlled environment by certified, factory-trained technicians who undergo regular training and re-certification according to manufacturers regulations and in-house policy. Our Service Station undergoes annual inspection by Classification Societies such as Lloyds Register of Shipping, Bureau Veritas, American Bureau of Shipping and the United States Coast Guard. We are recognised and approved by our local maritime authority, Maritime Service Division, Ministry of Works.

Our Service Centre is open for your viewing, and customers are invited to observe the inspection and servicing of their equipment. Upon request, we conduct demonstrations on the deployment and use of the equipment serviced by us.



Our electronic data management system provides support to owners of equipment we service, providing anticipated life span of the unit, forecasted depreciation values and advance notice for inspection and re-certification, budgeting and scheduling.

We operate in accordance with the standards implemented by the International Maritime Organisation (IMO) and with the regulations of the Maritime Services Division of Trinidad and Tobago.



MARINE ELECTRONICS

Your safety and the security of your cargo is a main concern to Marine Consultants (Trinidad) Ltd. Getting your shipment out to sea is yet another concern of Marine Consultants as we try to minimise your downtime and the costs incurred as a result of it.

All marine electronic equipment sold by Marine Consultants is fully supported by internationally trained and certified engineers who offer a 24 hour installation and repair service.

We are certified to do GMDSS Radio Installation and Radio Surveys for:

- Lloyds Register of Shipping
- American Bureau of Standards
- US Coast Guard

Our engineers can provide complete design, sales, service and installation of all your Marine Electronics needs and are certified to inspect all of your communications and safety equipment like:

- ✦ Autopilots
- ✦ Gyro Compasses
- ✦ Depth Sounders
- ✦ Magnetic Compasses
- ✦ EPIRBs
- ✦ Radars
- ✦ GMDSS Systems
- ✦ SARTs
- ✦ GPIRBs
- ✦ SSB & VHF Radios
- ✦ GPS
- ✦ Satellite Communication, etc

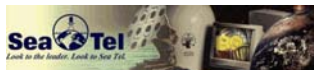
Our Marine Electronics Department operates a custom designed computer information system to provide the right information for making informed repair/replacement decisions and to reduce repair time.



We service and repair all brands and models of marine electronic equipment including those for which we are local representatives:



and others which we sell including:



We also work closely with other service companies like STN Atlas; Marconi Marine; Mackay Marine; Radio Holland South Africa; Radio Holland Belgium; Stento Marine (Vingtor Marine AB).



AIDS TO NAVIGATION

At Marine Consultants our manufacturer trained and certified technicians will install, maintain and repair all marine aids to navigation.

We are the local representatives for: **THE TIDELAND SIGNAL CORPORATION**

Tideland Signal equipment can be found at ports throughout the Caribbean where our Navigation Aids department has worked, with bodies such as:

- ✦ The Maritime Services Division of Trinidad and Tobago
- ✦ Atlantic LNG
- ✦ Plipdeco
- ✦ Port Authority of Trinidad and Tobago
- ✦ Barbados Port Authority
- ✦ Grenada Port Authority
- ✦ Trinidad Cement Limited
- ✦ Hydro Agri
- ✦ bpTT



Our Navigation Aids department also operates a custom designed data management system which provides the necessary information relating to any service done, reports on the findings of the service and provides advance notice for regular maintenance of the units.



ASSET MANAGEMENT

Marine Consultants' Asset Management Team draws on sixty four (64) years combined experience in the marine industry with training done across the globe.

We conduct:

- ✦ Annual safety inspections for Flag States of
 - ❖ Liberia
 - ❖ Marshall Islands
 - ❖ Bahamas
 - ❖ Barbados
- ✦ On/Off Hire Surveys
 - To inspect the quality of vessels before and after they are hired by external parties.
- ✦ Surveys of seaworthiness of ships and barges
- ✦ Adjustment and calibration of magnetic compasses
- ✦ Regulatory Compliance Consulting, eg. SOLAS and ISM
- ✦ Risk Assessments
- ✦ Facility and Fleet Maintenance
- ✦ Vessel Traffic Management
- ✦ Inspections of personnel nets

We have consulted on such projects as:

- Meteorological, Oceanographic and Environmental Assessment of the East Coast of Trinidad. Prepared for the Oil Spill Contingency Plan for British Gas Ltd., August 1994.
- Feasibility Study on the Manoeuvrability Requirements of Passenger Ships and Others in the Scarborough Harbour Development. Prepared for the Port Authority of Trinidad and Tobago, January 1989.
- The Possibilities of Alternate Sites for a Marine Oil Terminal in Tobago. Prepared for the National Petroleum Marketing Co Ltd., November 1980.
- Ship Handling Operations at Proposed Container Berth at Port Of Spain. Prepared for the Port Authority of Trinidad and Tobago, April 1975.
- Report on Chaguaramas Marine Facilities. Prepared for Prior, Lourenco and Nothnagel, March 1975.

INSPECTION OF OFFSHORE PERSONNEL NETS

Marine Consultants (Trinidad) Ltd., drawing on a wealth of experience in the marine safety inspection and rope industries, is capable of inspecting personnel nets used offshore. The inspection will be conducted by our Marine Safety Inspectors, who are authorised to conduct safety inspections for the flag states of Liberia, Marshall Islands, the Bahamas and Barbados, and our in-house Riggers, who assess the integrity of the:

- polypropylene rope
- master links
- lifting slings
- stabiliser
- top and base rings
- platform base of the basket
- rubber chafing pads
- snag/tag lines



Due to the sensitive nature of the product and the lives at risk Marine Consultants (Trinidad) Ltd. as well as the manufacturer is unable to re-certify the product. We can, however, provide a letter of conformity as at the date of inspection.

In the event of cosmetic damage, the stabilizer, floatation cover on the upper ring and herculite tarps can be replaced by Marine Consultants (Trinidad) Ltd.

CONTACT US

Should you need further information on our services please do not hesitate to contact us.



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