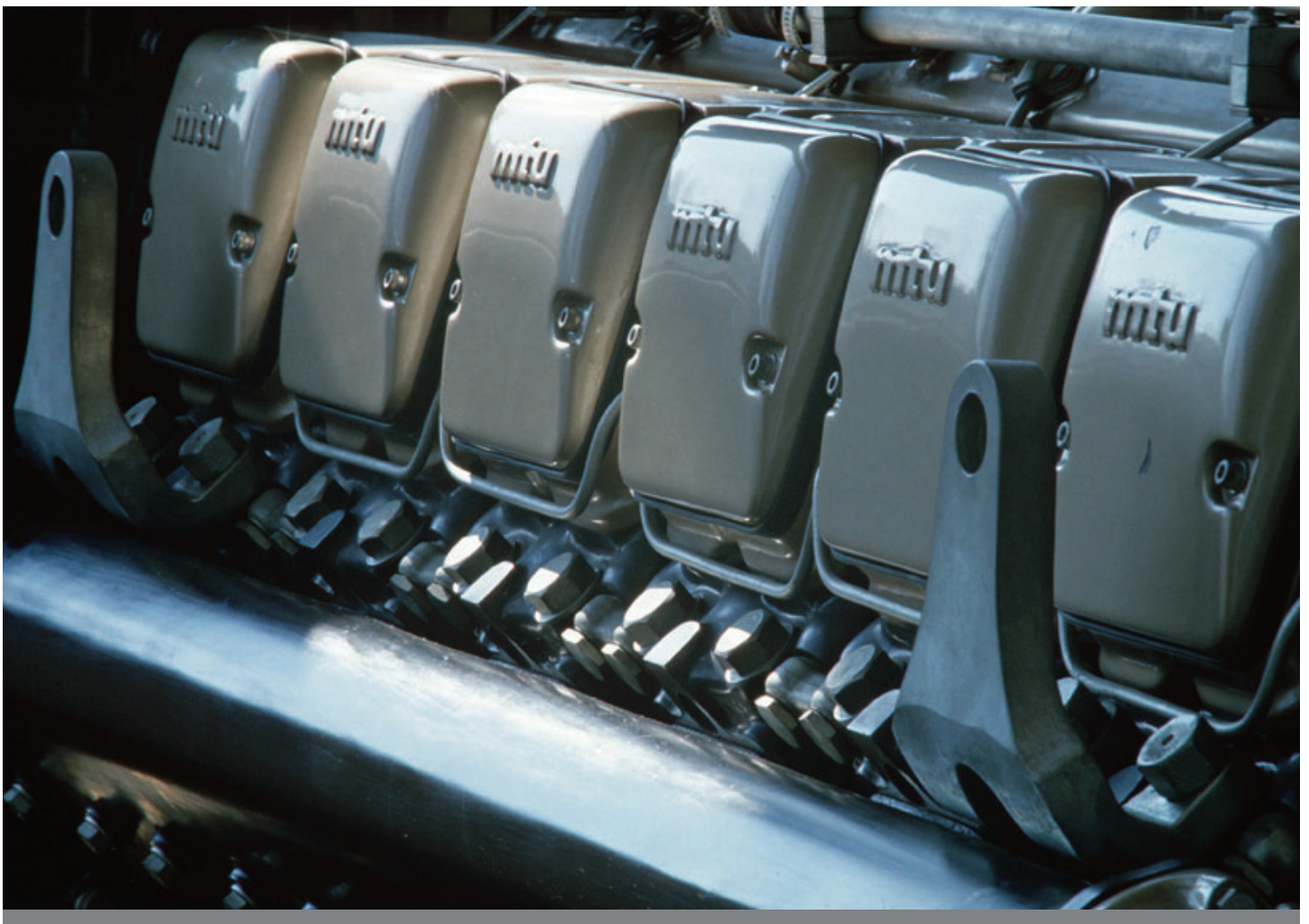


The Maritime Consultants

Marine Engineering

BCTQ is recognised as a leading firm of marine engineers, providing the full spectrum of marine engineering services to the maritime industry.

Ship owners and operators, ship builders, repairers and marine related companies across the globe benefit from the expertise and support given by BCTQ Marine Engineering and Marine Electrical Engineering, in a variety of new build, conversion and refit functions.



Typical Marine Engineering Services include:

- Engineering design and specification
- Propulsion systems - design and appraisal/ evaluation
- Auxiliary machinery selection
- Systems design
- Design appraisal
- Conceptual design of marine engineering systems
- Supervision of machinery system installations
- Technical investigations into equipment and system failures
- System design and development for new rule compliance
- Electrical systems design
- Drawing approval
- Planned maintenance systems
- Slow, medium and high speed diesel engines
- Diesel electric systems
- Gas turbines
- Gear drives
- Shafting arrangements
- Azimuth drives
- Water jets
- Optimisation of machinery systems for new ships
- Upgrading of machinery systems for existing ships
- Technical support in High Court action arbitration claims

Typical Electrical Engineering services include:

- Design of electrical distribution systems
- Electrical load balance analysis to aid in sizing of electrical plant
- Design of vessel automation systems including power management
- Research into future electrical engineering concepts for modern vessels



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