

Mackay Marine

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Satellite Airtime



Project Integration Services



Equipment Sales & Installation



24/7 Global Service

Mackay Marine

Leaders in Marine and Off-Shore Electronics

Complete Portfolio of Electronic Equipment

Communications

Entertainment
Interior Comm. Systems
Radios – Handheld & ShipBoard
Satellite Terminals & Airtime
Sound Reception Systems

Navigation

AutoPilot/ Gyros
Chart Plotters/ECDIS
Depth Sounder
GPS & Compass
Integrated Bridge
Radar / ARPA
Speed LOGs
Steering Systems
Weatherfax

Safety & Security

Anti-Piracy Systems
AIS
Bridge Alarm (BNWAS)
CCTV & Video Compression
EPIRBS
GMDSS
NAVTEX
Search & Rescue (SART)
Ship Sec. Alert (SSAS)
Tracking Systems
VDR(S)/VDR & Acoustic Beacons

Anti-Pollution

Engine Rm. Alarm Monitors
Fuel Blending System
Fuel Consumption Meas.
Fuel/Flow Measurement
Fuel Viscosity Control
Oil Discharge Monitor
Oily Water Monitor & Separator
Torque Measurement

Console Integration

We Keep Professional Mariners on the Move



When it comes to one-stop communications and navigation capabilities, the name to know is **Mackay Marine**. Mackay can manage your vessel's entire electronics investment through equipment sales, installation, service, regulatory inspections, comprehensive maintenance agreements, airtime and network applications. Mackay's goal is to understand your needs from start to finish.

For 130+ years, Mackay has served the marine and offshore industries. We are committed to delivering timely, cost-effective, quality solutions for your electronic equipment needs and to keep your marine electronics performing optimally. Mackay is the largest high-seas service company in North & Central America, with facilities in every major port, and 19+ locations in Asia, Europe and South America. **Mackay World Service** coordinates global service 24/7 to keep your vessels "on the move".

SPECIAL MACKAY PROGRAMS

Mackay World Service (MWS) dispatches marine equipment service worldwide, 24 hours/day. MWS will coordinate the most qualified and cost effective service for repair, maintenance, installations and inspections, through Mackay-owned 40+ global offices or with our network of 90 affiliated service agents. Mackay offers three levels of *Service, Repair and Maintenance Contracts* to keep your bridge electronics operating at optimum performance. *Customer Equipment Service Reports* and consolidated billing statements are also available.

Mackay Satellite Airtime: Mackay provides a comprehensive line of services, offering fast and unlimited access to the global switched terrestrial network at competitive rates. We offer satellite airtime for Inmarsat, Iridium, Globalstar & VSAT systems, with options for voice, fax, data & video conferencing services. Our consolidated monthly statements provide detailed vessel & terminal usage, with summaries for comparative analysis over time & across fleets.

New Build & Retrofit Projects: Mackay is a proven leader in the field of "turn-key" integrated electronics and communications systems. Ranging from a simple GMDSS station to a complete system with an integrated navigation bridge, satellite & internal comms, security components and below-deck systems. Mackay's *Project Integration Group* works with new-build, retrofit, and military/government integration projects to devise cost effective systems to meet their unique requirements and schedule.

Governmental and Regulatory Compliance: Working with over a hundred flag-states, we provide installation, licensing & publications, activation & commissioning, regulatory testing & certification, re-flagging & upgrade services for all navigation & communications equipment requirements. Mackay's customer information system tracks equipment servicing, enabling insight for scheduling required periodic inspections.



Mackay's

Full-Service Operations Saves You Money!

MACKAY'S COMMITMENT TO YOU



- **Responsiveness:** Mackay is a 24/7 worldwide maritime service dispatcher, with live-manned coordinators on 4 continents; providing rapid service schedule confirmation and prompt response to parts and equipment inquiries. Authority is delegated to the field level for quick decision-making and efficient processing to satisfy the customer's needs.
- **Prepared Service and Sales Personnel:** Mackay maintains a state-of-the-art database on all *Customers, Vessels and Equipment* we have sold or serviced. This enables our salespeople to offer appropriate recommendations and enhances repair diagnostics by Mackay's Service Technicians, prior to dispatch.
- **Quality Equipment Serving Multiple Sectors:** Mackay represents both leading and specialized manufacturers of electronic equipment for commercial marine, offshore, fishing, and passenger vessels; paired with a wide range of terrestrial communication applications.
- **Knowledgeable Technicians:** Mackay staffs over 150+ licensed Marine Service Engineers (MSE's), averaging fourteen years of field experience. Our MSE's regularly attend factory training and are supported by Service Managers, who average over 20 years of experience.
- **Strategic Locations:** Mackay has field offices in 40 strategic global ports (and growing) to expedite service and delivery and minimize travel expense. We will coordinate your domestic and international repairs, 24 hours a day, 365 days a year, through **Mackay World Service**.
- **Stock-On-Hand:** Mackay maintains and updates a multi-million dollar inventory of *Parts and Finished Goods* for immediate delivery.
- **Accurate, Clear Reporting:** Mackay service orders provide you with useful feedback, in an easy-to-read format, which can be consolidated into periodic, analytical reports.



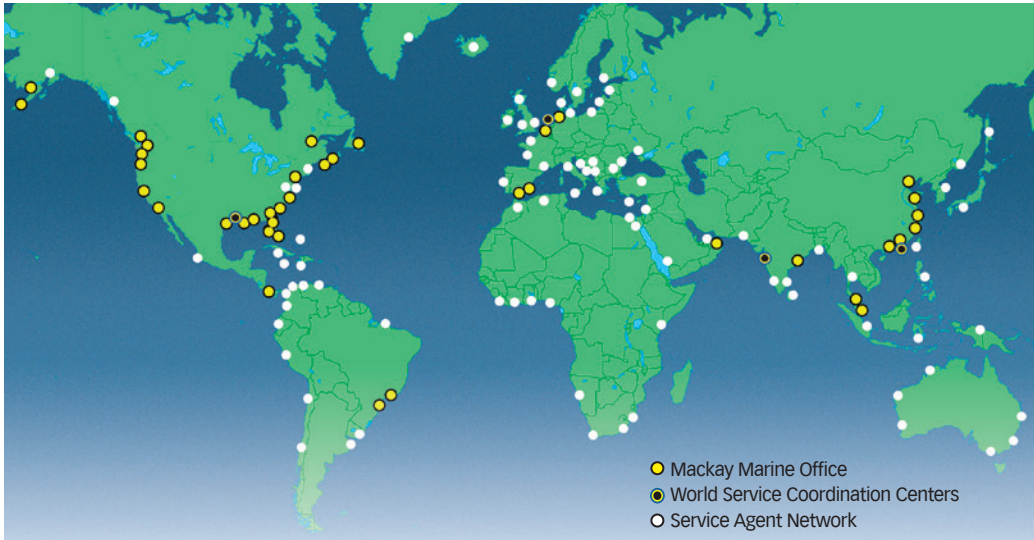
Authorized Sales and Service For:

Anschutz
Applied Satellite Engineering
Axis Communications
BEAM
Cassens & Plath
Cobham SATCOM
SAILOR
Sea Tel
Thrane & Thrane
Consilium Selesmar
Danelec Marine
Deckma Hamburg
Digital Barriers
Dukane
Eaton Gitesse
FLIR
Furuno
Globalstar
Highlander
Icom
Inmarsat
Intellian
Interschalt
Iridium
Jotron
JRC
Kahlenberg
Kelvin Hughes
Kobelt
Koden
KVH
Lars Thrane
Lilley & Gillie
Marport
metOcean telematics
Navitron
Netwave Marine
Olex
Phontech
Pole Star
Raytheon
RM Young
Rutter
RWO Veolia
Saab
Samsung
Setel Powerline
Simrad
SKIPPER Electronics
Sperry Marine
TOKYO KEIKI
TRANSAS
VAF Instruments
wideye Addvalue
Yokogawa
Zenitel

*Service available for
all brands of equipment*

**Put Mackay's efficiencies
to work to save you money!**

Mackay World Service *coordinates customer service worldwide:*



MACKAY WORLD SERVICE – 24/7

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Coming Soon

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