Mackay MARINE
www.mackaymarine.com

Mackay Marine New-Build & Retrofit Project Integration & Management Services

Mackay's Project Group services new-build and retrofit programs for commercial, military/government, and shipyard clients; worldwide.

END-TO-END PROGRAM OFFERINGS

From concept, to commissioning, and through sea-trials, Mackay offers:

- Full Range of Projects
  - Custom Consoles Offering Integrated Navigation System Solutions
  - From Short-Term Projects to Multi-ship Construction Programs
- Proven Commercial Marine Projects Integrator
- IMO-approved Nav/Com Systems with Approved Regulatory Compliance & Certifications
- New-Build & Dry Dock Budget Schedule Planning

CUSTOMER-CENTRIC FEATURES & DELIVERABLES

- Turn-Key Bridge Electronics
- Preliminary Project and As-Built Drawings
- Program Management & Dedicated Project Managers Streamline Comprehensive Production and Installation Processes
- Custom Designed, Pre-Assembled, and Pre-Wired Consoles
- Post-Launch Annual & On-Demand Service from Mackay's 73+ Global Locations
- Integral service offerings include Estimating, Procurement, Logistics, Installation Management, Commissioning, and Warranty Oversight

THE MACKAY PROJECTS TEAM

Mackay's Projects Team, consists of highly-trained maritime professionals with 50 years of shipbuilding experience.

Mackay has full AutoCAD capabilities; providing 2D and 3D renditions of custom built consoles, point-to-point wiring diagrams, and cabling line drawings.

Complete Electronics Suite & Integrated Systems

Navigation
- Autopilots
- ECDIS
- Gyros
- Integrated Bridge
- Radar
- Steering Systems

Exterior Communication
- GMDSS (Inmarsat & Iridium)
- Satellite Data & Voice Systems
- Video & Data Compression

Interior Communication
- Entertainment Systems
- LANs & WiFi
- Network Management & Cybersecurity
- Public & General Address
- Radio Systems & Phones
- UHF/VHF Repeater Systems

Safety & Security
- AIS, LRIT & Anti-Piracy
- Alarm and Monitoring
- CCTV, Night Vision Cameras
- Collision Avoidance
- EPIRBs, SARTs, VDRs
- Fire Detection, Analytics & Suppression

Below Decks
- Fuel & Flow Monitoring
- Pollution Control (ODME, 15ppm, Oily Water Monitors)
- Thrust & Torque Measurement
- Data Analytic Systems

Integrated Custom Console Design



Contact Mackay's Projects Team: projects@mackaymarine.com +1 281 479 1515

SAMPLING OF MACKAY PROJECTS





AGOR *Sally Ride & Neil Armstrong* (Bridge & Comms) Naval Research



Snow & Company
SF Bar Pilots p/v GOLDEN GATE



Seaspan Shipyards Offshore Fisheries
Science Vessel (OFSV), CCGS *John Cabot*.





m/v *George II, LNG Container Vessel*,
PASHA Hawaii Nav/Com Bridge Retrofit 2024



Eastern Shipbuilding Group:
WA State Ferries –
Hybrid Electric Olympic Class29
(Naval Architect Elliott Bay Design)





Crowley Maritime: *El Coquí* ConRo Vessel... 2019 Workboat of the Year



Eastern Shipbuilding Group –
Convert Hornbeck OSV to HOS Rocinante
for Windfarm Offshore Service



Nichols Bros. Boat Builders:
COWLITZ (Port of Portland, OR)



Shell Mars B