

Take advantage of our Lump Sum Pricing with *Mackay's OSV Pre-Activation Inspection Package*. This inspection is designed to test the overall operability of IMO-required Navigation and External Communications systems and sub-systems onboard OSVs, and other support vessels that are coming out of a Cold Stack status.



**GMDSS Radio Equipment**

## GMDSS Radio Equipment Assessment (Not a Class-Required Inspection)

- Perform a thorough inspection and make minor adjustments on the VHF, Inmarsat C, AIS, SSAS, LRIT\*\*, EPIRB, NAVTEX, and MF/HF systems. Includes Sea Area A3 and A2 GMDSS systems.
- Examination of all pertinent radio station paperwork, including equipment and expiration dates. Inspect all required ITU publications.
- We assess the condition of all batteries, check all expiration dates, and provide an overall assessment of noted equipment.



**Voyage Data Recorder**

## Voyage Data Recorder (VDR) Inspection

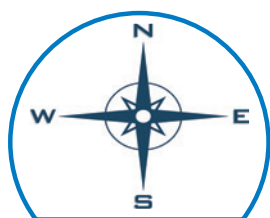
- Test for correct operation and proper data recording.
- Check the condition of the Acoustic Beacon and Back-up Battery; noting expiration date of both.
- Examine all associated paperwork to note expiration dates of all installed equipment.
- This service helps to prepare the VDR for the Annual Performance Test.



**Radar and ECDIS**

## IMO Radar and ECDIS Systems Inspections

- Energize and inspect the ECDIS systems and test overall system functions. Examine chart licenses and expiry date.
- Check for required Sensor availability and perform check of the hard drives.
- Energize and inspect the Radar systems; allowing for proper magnetron warm-up time.
- Examine transmit and receive characteristics; making adjustments as necessary. Check ARPA function of system and examine Sensor availability; making minor alignments of transmit and receive sub-systems.



**GPS, Gyro, Echo Sounder, and Speed Log**

## GPS, Primary Navigation Gyro, Echo Sounder, and Speed Log Systems Inspections

- Check GPS operation and data available to required ancillary equipment.
- Properly energize Primary Navigation Gyro Compass and allow system to warm up. Check heading data available to ancillary equipment.
- Inspect Primary Navigation Gyro Compass system; confirm system settles properly.
- Inspect and test all bearing / digital repeaters for proper operation.
- Energize and inspect the depth and speed measuring devices.
- Perform test of all local and remote displays.

Additional Gyros (i.e. DP units) or 2nd Navigation units can be performed during same attendance; typically at \$790 per unit.

### Limitations and Conditions:

BRANDS: VDR brands limited to JRC, Furuno, Samsung and Danelec. Gyro brands limited to Yokogawa CMZ 500, 700, 900, Anschutz STD 20 & 22, Tokyo Keiki TG-8000, and SimradGC80. Radar brands limited to JRC, Raytheon and Furuno. ECDIS brands limited to JRC, Furuno, and Transas (Wartsila)\*\*\*

### Other Conditions or Limitations:

Technician must have easy access to the vessel. AC power must be alive to properly check the equipment. Excessive waiting time to board vessel not included. Owners' representative must be present during inspection. \* Price includes Local Travel within 30 miles of a Mackay Office, additional travel invoiced at \$1.20/mi and \$175/hr. Round Trip. (Anytime Rate). \*\* LRIT operational check is not to be considered a conformance test.

\*\*\* Transas (Wartsila) service available in select locations.

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**Contact Mackay for More Details or to Arrange Services:**  
Service@mackaymarine.com (24/7), call +1 281 478 6245,  
or Contact Your Local Mackay Service Location for More Details



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**Mackay Communications, Inc.**  
dba Mackay Marine  
3691 Trust Drive, Raleigh, NC 27616, USA  
+1 919 850 3000 [info@mackaycomm.com](mailto:info@mackaycomm.com)

**Mackay World Service – 24/7**  
Phone: U.S. +1 888 361 8532  
Intl. +1 281 478 6245  
e-Fax: +1 212 500 0013  
[service@mackaymarine.com](mailto:service@mackaymarine.com)

\* Represents a Regional Service Depot  
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**Commercial Marine Sales**  
Phone: +1 281 479 1515  
e-Fax: +1 212 901 0909  
[marinesales@mackaymarine.com](mailto:marinesales@mackaymarine.com)

**Satellite Services (Equip. & Airtime)**  
+1 919 850 3100  
[satserv@mackaycomm.com](mailto:satserv@mackaycomm.com)

**North American - Atlantic Coast**

**New York / N.J. – Andy Blank**  
165 Fieldcrest Ave., Edison, NJ 08837  
+1 732 225 0909  
[newyork@mackaymarine.com](mailto:newyork@mackaymarine.com)

**Norfolk, VA – Rebecca Dunham**  
1720 Lambert Ct., Suite H  
Chesapeake, VA 23320  
+1 757 548 8900  
[norfolk@mackaymarine.com](mailto:norfolk@mackaymarine.com)

**Charleston, SC – Ken Kier**  
4208-A Pace Street  
N. Charleston, SC 29405  
+1 843 747 6250  
[charleston@mackaymarine.com](mailto:charleston@mackaymarine.com)

**Savannah, GA – Ian Anderson**  
+1 912 354 4542  
[savannah@mackaymarine.com](mailto:savannah@mackaymarine.com)

**Govt. Division – Venice Anderson**  
Jacksonville, FL 32257  
+1 904 880 4633  
[govt@mackaymarine.com](mailto:govt@mackaymarine.com)

**Eastern CANADA**

**St. John's, NL – Glenn Butt**  
+1 709 726 2422  
[stjohns@mackaymarine.com](mailto:stjohns@mackaymarine.com)

**Halifax / Maritimes – Brian Sibley**  
+1 902 468 8480  
[halifax@mackaymarine.com](mailto:halifax@mackaymarine.com)

**Yarmouth / South Nova Scotia  
Lauren D'Entremont**  
+1 902 742 3423 (Yarmouth)  
+1 902 575 2025 (Barrington)  
[yarmouth@mackaymarine.com](mailto:yarmouth@mackaymarine.com)  
[barrington@mackaymarine.com](mailto:barrington@mackaymarine.com)

**Quebec & Ontario – Carole Fortin**  
+1 418 614 0782  
[quebec@mackaymarine.com](mailto:quebec@mackaymarine.com)

**North American - Gulf & FL Coast**

\* **Houston, TX – Stuart Marlar**  
921 Seaco Avenue  
Deer Park, TX 77536  
Phone: +1 281 479 1515  
e-Fax: +1 212 901 0909  
[houston@mackaymarine.com](mailto:houston@mackaymarine.com)

**Corpus Christi, TX: +1 281 479 1515**  
[corpus@mackaymarine.com](mailto:corpus@mackaymarine.com)

**New Orleans LA & Mobile AL- Fred Heinzl**  
1305D Distributors Row  
Harahan, LA 70123  
+1 504 733 5824  
[nola@mackaymarine.com](mailto:nola@mackaymarine.com)

**Mobile, AL: +1 504 733 5824**  
[mobile@mackaymarine.com](mailto:mobile@mackaymarine.com)

**Tampa, FL – Mike Moretti**  
4951-B East Adamo Dr., Suite 234  
Tampa, FL 33605  
+1 813 229 0080  
[tampa@mackaymarine.com](mailto:tampa@mackaymarine.com)

**Miami / Jacksonville, FL – Mike Moretti**  
11360 Interchange Circle North  
Miramar, FL 33025  
+1 954 431 7223  
[miami@mackaymarine.com](mailto:miami@mackaymarine.com)

**Central & South America**

**Panama City, Panama – Juan Castillo**  
Pan Canal Plaza-Room 208, Albrook  
+507 315 0697  
[panama@mackaymarine.com](mailto:panama@mackaymarine.com)

**Rio de Janeiro, Macae, Santos,  
& São Luis ('22), BRAZIL - Andre Britto**  
Av. Emb. Abelardo Bueno 3500  
Suites 713-724, Rio de Janeiro 22775-040  
+55 21 3410 8803  
[brazil@mackaymarine.com](mailto:brazil@mackaymarine.com)

**North American - Pacific Coast**

**Dutch Harbor, AK - Brynn Decker**  
2315 Airport Beach Road  
Dutch Harbor, AK 99692  
+1 907 581 1679 (Naknek Seasonal)  
[dutchharbor@mackaymarine.com](mailto:dutchharbor@mackaymarine.com)

**Vancouver, BC CANADA – Ben Staggs**  
2999 Underhill Avenue, Unit 210  
Burnaby, BC V5A3C2  
+1 604 435 1455  
[vancouver@mackaymarine.com](mailto:vancouver@mackaymarine.com)

**Seattle / Ballard, WA – Brynn Decker**  
(Commercial Fishing, Ferries, Yachts)  
4030 23rd Avenue West  
Seattle, WA 98199 +1 206 282 8080  
[ballard@mackaymarine.com](mailto:ballard@mackaymarine.com)

**Seattle / Tacoma, WA – Jeremy Dirks**  
5007 Pacific Highway East, Suite 23  
Tacoma, WA 98424 **NEW Address 5-22**  
+1 253 922 6260  
[seattle@mackaymarine.com](mailto:seattle@mackaymarine.com)

**Portland, OR +1 253 922 6260**  
[portland@mackaymarine.com](mailto:portland@mackaymarine.com)

**San Francisco, CA – Tony Boyd**  
3065 Richmond Parkway, Suite 104  
Richmond, CA 94806 +1 510 669 9560  
[sf@mackaymarine.com](mailto:sf@mackaymarine.com)

**Los Angeles, CA – Sam Boyd**  
1891 N. Gaffey Street, Suite D  
San Pedro, CA 90731 +1 310 519 7539  
[la@mackaymarine.com](mailto:la@mackaymarine.com)

**South Africa**

**Cape Town, Durban, Port Elizabeth ('22) &  
Richard's Bay, So. Africa – Waldo Fourie**  
2 Milner St., 1<sup>st</sup> Floor,  
Metro Industrial  
Cape Town, 7405 SA +27 21 276 1240  
[southafrica@mackaymarine.com](mailto:southafrica@mackaymarine.com)

**Europe, Middle East, Asian Depots 2/23.1**

\* **Rotterdam, Netherlands – Debbie Fraser**  
Plaza 24F, 4782SK Moerdijk NL  
+31 168 744021  
[rotterdam@mackaymarine.com](mailto:rotterdam@mackaymarine.com)

**Antwerp, Belgium – Karen Lenjou**  
Noorderlaan 109, 2030 Antwerp BE  
+32 3 808 3963 [antwerp@mackaymarine.com](mailto:antwerp@mackaymarine.com)

**Hamburg & Leer, Germany – James Pritchett**  
Gutenbergring 67B, 22848 Norderstedt, DE  
+49 40 66 892 140 [hamburg@mackaymarine.com](mailto:hamburg@mackaymarine.com)  
Hafenstraße 6, 26789 Leer (4/23)  
+49 491 9989 9904 [leer@mackaymarine.com](mailto:leer@mackaymarine.com)

**Algeciras, Santander & Valencia, SPAIN;  
Las Palmas, Canary Islands – Laura Housley**  
Edificio Azabache, Pta2, Ofic.31-32  
11379, Los Barrios, Cadiz ES  
+34 856 143 006 [spain@mackaymarine.com](mailto:spain@mackaymarine.com)

**London, Southampton, Liverpool, Newcastle,  
Edinburgh, Glasgow, U.K. – Warren Halls**  
Unit B3 Mill Ct., Spindle Way, Crawley RH10 1TT  
+44 1737 372679 [uk@mackaymarine.com](mailto:uk@mackaymarine.com) ('23)

**Fujairah & Dubai, U.A.E. – Damiao Furtado**  
#1403, Al Hilal Business Tower  
AL Hilal City, Sakamkam, Fujairah UAE  
+971 9236 4433  
[middleeast@mackaymarine.com](mailto:middleeast@mackaymarine.com)

\* **Mumbai, Vizag, Rajkot & Chennai,  
INDIA – Rohan Chitre**  
Unit # 601, Kamla Executive Park, B-Cross Rd,  
off Andheri Kurla Rd, Andheri East, Mumbai 400059  
+91 22 4933 4700 [india@mackaymarine.com](mailto:india@mackaymarine.com)

**Singapore & Malaysia – Mohamed Nabil**  
2 Corporation Rd, #05-12, Corporation Place  
Singapore 618494 SG +65 6686 2806  
[singapore@mackaymarine.com](mailto:singapore@mackaymarine.com)  
[malaysia@mackaymarine.com](mailto:malaysia@mackaymarine.com)

\* **Hong Kong – Austin Wang**  
Unit 08, 6/F, Tower 1, Magnet Place  
77-81 Container Port Road, Kwai Chung HK  
+852 3956 4788 [hongkong@mackaymarine.com](mailto:hongkong@mackaymarine.com)

**Guangzhou, Ningbo, Qingdao, Shanghai,  
Shenzhen & Tianjin CHINA – Austin Wang**  
Room 127, Building 6, 787 Kangqiao Rd. Pudong  
New Area, Shanghai PRC  
+86 21 6190 0683 [china@mackaymarine.com](mailto:china@mackaymarine.com)