

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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08/22



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