

VOYAGE DATA RECORDER PERFORMANCE TEST CERTIFICATE

Note – Insert Tick (✓) for success or Cross (✗) for failure or N/A for non fitted interfaces in these boxes as appropriate

Ship's Details	
Ship's Name	
Flag	
IMO Number	
Date Keel laid	
Gross Tonnage	

Voyage Data Recorder Details	
Manufacturer	
Model	
System Serial Number	
Software version number	
Date Fitted	

Inspection Details	
Name person conducting testing	
Company	
Inspection Date	
Inspection Location	

1. Pre-existing Alarms	
Confirm that no alarms were present at start of procedure	<input type="checkbox"/>

2. Power Supply Alarm Check	
Remove source of external power. Confirm that alarm is activated.	<input type="checkbox"/>
Record time (hh.mm)	

3. Reserve Power Source Check	
Allow VDR to continue running for 1 hour 55 minutes from '2' above.	
Confirm that equipment is still operating at this time, with no additional alarms.	<input type="checkbox"/>
Record time (hh.mm)	

4. Reserve Power Source shut down Check	
2 hours 05 minutes from '2' above confirm that the VDR has automatically stopped recording	<input type="checkbox"/>
Record time (hh.mm)	

5. Battery Expiry Dates	
Battery	Expiry Date
Acoustic Beacon	<input type="checkbox"/>
Reserve Power Source	<input type="checkbox"/>

6. Acoustic Beacon Test	
Using Manufacturer's test equipment confirm that Acoustic Beacon is functional	<input type="checkbox"/>

7. Physical Condition of Equipment Inspect Equipment and Record Condition, tick if satisfactory:-	
Sub Unit	Notes on Condition
Protective Capsule	<input type="checkbox"/>
External Cables	<input type="checkbox"/>
Main Unit	<input type="checkbox"/>

8. Interfaces: Operation and recording	
Date & time	Preferably external to ship (e.g. Global Navigation satellite system.) <input type="checkbox"/>
Ship's position	Electronic Positioning system <input type="checkbox"/>
Speed (through water or over ground)	Ship's Designated Speed and Distance Measuring Equipment <input type="checkbox"/>
Heading	Ship's compass <input type="checkbox"/>
Bridge Audio	1 or more bridge microphones <input type="checkbox"/>
Communications Audio	VHF <input type="checkbox"/>
Radar data- post display selection	Master radar display <input type="checkbox"/>
Water depth	Echo Sounder <input type="checkbox"/>
Main alarms	All mandatory alarms on bridge <input type="checkbox"/>
Rudder order & response	Steering gear & autopilot <input type="checkbox"/>
Engine order & response	Telegraphs, controls and thrusters <input type="checkbox"/>
Hull openings status	All mandatory status information displayed on bridge <input type="checkbox"/>
Watertight & fire door status	All mandatory status information displayed on bridge <input type="checkbox"/>
Acceleration & hull stresses	Hull stress and response monitoring equipment when fitted <input type="checkbox"/>
Wind speed & direction	Anemometer when fitted <input type="checkbox"/>

9. Change or Repair of Sensors	
a) Check maintenance records of VDR	<input type="checkbox"/>
b) Confirm any defects properly rectified	<input type="checkbox"/>

10. Manufacturer's Analysis	
Manufacturers analysis of 12 hour log is attached and in accordance with IEC 61996 Section 4.6 – Data Items to be recorded (A. 861 / 5.4) All relevant interfaces to be proven	<input type="checkbox"/>
Date and time of above log	

11. Observations and additional manufacturer's requirements

Manufacturer's Certified Representative	Vessel's Representative
Name	Name
Signature	Signature
Date	Date

This performance test was conducted in accordance with the requirements of SOLAS74 Chapter V Regulation 18.8 and is related to the **SAFETY** **CERTIFICATE** for this vessel which is due for revalidation on .

In accordance with the principals of harmonisation of certification it will remain valid until the next annual re-validation of that certificate, subject to the equipment being maintained in appropriate operational condition.

Top copy – Retained by Certified Representative

Bottom copy – Retained by vessel