VERIFICATION FORM

Information			
Vessel Name:		IMO Number:	
MMSI Number:		Call Sign:	
Flag:		Class:	
Service Location:		Service Date:	

1. VHF wearable	Status OK	If not OK, then specify the reason
VHF Wearable River Range Station (1)	☐	
VHF Wearable River Range Station (2)	☐	
VHF Wearable River Range Station (3)	☐	
VHF river band station (main)	☐	
VHF river band station (duplicate)	☐	

VHF wearable station saved funds (1)	
Validity Period of Powersupply	
VHF wearable station saved funds (2)	
Validity Period of Powersupply	
VHF wearable station saved funds (3)	
Validity Period of Powersupply	

Validation Parameter	Status OK	If not OK, then specify the reason
External inspection, chassis integrity check	☐	
Station-to-station communication test, noise reduction test	☐	
Presence of a protective sticker on the emergency battery	☐	
Continuous operation of the station for reception for 5 minutes to assess the condition of the operating battery	☐	

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2. VHF Radio Installation (Main)		VHF Radio Unit (Double)	
External inspection, chassis integrity, display, reliability of connector/pin locking		☐	
Check volume adjustments, noise reduction		☐	
Correctness of the programmed MMSI. Correct position, date, time		☐	
Internal test (passes without errors)		☐	
After test (resistance of VHF antennas with cable, value from 0.3 to 1.5 - ideal)		☐	
CIV test with a shore or other station, checking the logs of received messages (not older than 3 days)		☐	
Checking remote posts (if any)		☐	

3. MF/HF Radio Installation		
External inspection, chassis integrity, display, reliability of connector/pin fixation	☐	
Inspection of the AFT (antenna status (continuity test of the contact and the first section), reduction of the TX antenna to the ACS, grounding of the ACS, RX connection, state of antenna cables and connectors	☐	
Correctness of the programmed MMSI. Correct position, date, time. Saved messages in logs (not older than 14 days)	☐	
Internal station test in all modes	☐	
Send receipt CIV with shore station	☐	
Voice communication (if possible), power indicator response, 1053 kHz radio, noise reduction adjustment	☐	
Rebooting the station, checking the saving of logs and static data), write the software version	☐	
Telex mode testing with automatic response from the shore station (if available), printer and print quality testing	☐	

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4. EPIRB (1)		EPIRB (2)	
Serial Number	☐	Serial Number	☐
Date of annual audit	☐	Date of annual audit	☐
Date of completed BTO	☐	Date of completed BTO	☐
Shelf life Power	☐	Shelf life Power	☐
Hydrostat shelf life	☐	Hydrostat shelf life	☐
Confirmation of ARB registration is valid until	☐	Confirmation of ARB registration is valid until	☐
Checking the integrity of the ARB housing, antenna, protective casing, tench is fixed in its place	☐		
ARB marking (HEX code, vessel data, battery shelf life), instructions for the use of ARB on the hull	☐		
Checking for the presence of the IMO mark at the place of installation of the ARB	☐		
ARB testing (according to the instruction manual)	☐		

5. SART (1)		SART (2)	
Serial Number		Serial Number	
Date of annual audit		Date of annual audit	
Shelf life Power		Shelf life Power	
Checking the integrity of the hull of the RLO, telescopic fastening, the tench is fixed in its place	☐		
Marking of the RLO (Name of the vessel, Call Sign of the vessel)	☐		
The presence of a latch from accidental activation of the "ON" mode	☐		
Testing of radar with 9GHz marine radar (from 6 miles and above)	☐		

6. Gyrocompass (1)		Gyrocompass (2)	
Date of replacement of the pancreas		Date of replacement of the pancreas	
Date of installation of PE		Date of installation of PE	

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External inspection of the compass, course translator, all repeaters	☐	
Room Gyrocompass has ventilation and cooling	☐	
Gyrosphere current	☐	
Pancreas temperature (for liquid)	☐	
Correctness of the course on navigation equipment	☐	
Absence of extraneous noise during operation	☐	

7. Magnetic Compass (Main)			Current Rate	
Magnetic Compass (Track)			Current Rate	
Magnetic Compass (Boat)			Current Rate	
Magnetic Compass (Boat)			Current Rate	
For Main Magnetic Compass	External inspection for damage to the body, leaks of the pancreas, the presence of air bubbles	☐		
	Availability of a valid deviation table	☐		
	Checking the presence of illumination by the base and emergency, the transfer of the course to the place of control of the vessel, the direction finding device	☐		
	Practice of course change (magnetic instrument)	☐		
	Determination of the difference between the exchange rate of THE MC and the GC (write in the note)	☐	Deviation=	
For Boat Magnetic Compass	External inspection for damage to the body, leaks of the pancreas, the presence of air bubbles	☐		
	Check for backlight	☐		
	Working out the change in the course (with a magnetic instrument, checking the return for the original course)	☐		
	Determination of the difference between the exchange rate of THE MC and the GC (write in the note)	☐	Deviation=	

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8. VDR			
Full or Simplified		Shelf life of backup batteries	
Fixes Protective Capsule	Type of sonar beacon		
	Expiration date of the 1st hydroack battery		
	Shelf life of the 2nd battery (if replacement is possible)		
Float Free Capsule	Pop-up capsule type		
	Battery life ARB 406 MHz		
	Shelf life of ARB hydrostat 406 MHz		
	Confirmation of registration 406 MHz is valid up to		
External inspection of blocks, capsules, cable connections, microphones, control panel		☐	
Internal test (Only for the latest models of full VDR)		☐	
Audible or visual alarm check (turn off the navigation device or radar)		☐	
Checking for a valid CoC certificate		☐	
Checking free incident records, availability of backup data drive		☐	

9. AIS		
External inspection of the chassis, display and other cables. Antenna impedance test (according to passport data	☐	
Checking the range of identification of targets (at least 14 miles), the presence of a bearing and the name of other vessels	☐	
Verification of static data of the vessel, position of GNSS antennas (dimensions of the vessel), type of vessel	☐	
Verify that dynamic data is correct	☐	
The value of the vessel's course coincides with the gyrocompass readings	☐	
The type of vessel corresponds to the actual: (if the vessel is a bulk carrier, then the type "tanker" cannot be entered)	☐	

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The location of the GNSS antenna (aka = vessel dimensions) corresponds to the actual dimensions of the vessel	☐	
No active warnings or errors	☐	
The position values of the vessel coincide with the ship's GNSS receiver	☐	

10. GMDSS Charger		GMDSS Charger (Double)	
External inspection of equipment and all cables, battery terminals	☐		
Type and parameters of installed batteries, date of manufacture or installation	☐		
Verification of the transition to GMDSS backup power (engage a ship's ELMX to assist in 220V off from power supplies)	☐		
Sound and light alarm when switching to backup power, handshake alarm on the panel	☐		
Indication check (charge current, discharge current, battery voltage)	☐		
Hold for at least 15 minutes on the GMDSS backup power, record the voltage difference	☐		
Emergency lighting lamp above GMDSS console is in good condition	☐		
Verification of the transition to GMDSSB backup power (engage a ship's assist in 220V off from power supplies)	☐		
Sound and light alarm when switching to backup power, handshake alarm on the panel	☐		
Checking the operability of the GMDSS AD in automatic mode	☐		

11. NAVTEX Receiver		
External inspection of equipment and all cables	☐	
Check the supply voltage if the antenna is active (5 to 10 V)	☐	
Internal test without errors	☐	

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Verification of received messages (no more than 2-3 days)	☐	
To check the printing device for print clarity	☐	
GPS is connected and displayed correctly	☐	

12. Radar (1)		Radar (2)	
Wave Band		Wave Band	
Transmitter Power		Transmitter Power	
Operating time in TX Mode		Operating time in TX Mode	
Date of last mag-na replacement		Date of last mag-na replacement	

External inspection of equipment and all cables/waveguide connections, extraneous noise of bearings and actuators, socket without damage	☐	
Checking the parameters of the magnetron (according to the technical description on the radar)	☐	
Check through Performance Monitor	☐	
Visual assessment of the range and quality of the picture at high, checking the alignment by direction finding and distance, checking the level of gain and sensitivity for a high-quality picture	☐	
Checking connected sensors (GNSS, Gyro, Lag, AIS)	☐	
Interviewing the crew on complaints in the operation of the radar	☐	
No active errors, checking for critical errors in the event log	☐	

13. Satellite Compass		
External inspection of equipment and all cables, antenna installation location	☐	
Self-diagnostics is performed without errors, the number of satellites used is normal, record the software version when it is available to the user	☐	
Availability of NMEA signal multiplier	☐	
The current rate corresponds to the true one. Interview the crew for discrepancies in traffic data	☐	

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14. Weather Map Receiver		
External inspection of equipment and all cables	☐	
Check availability of receiving weather maps and log with maps	☐	

15. ESS (Main)		ESS (Duplicate)	
External inspection of the case, display, AFT and other cables, printer print quality	☐		
Checking the correctness of the mobile number according to the ship's documents, record the software version	☐		
Check recently received EGS messages (not older than 2 days)	☐		
Make a Link Test (PV test) and test message sending via telex or email mode	☐		
Storage Device Test, Printer Test	☐		
Verification of programmed DATA on THE MTR (If any)	☐		

16. CVU/GGS		
External inspection of the post in the navigator's wheelhouse and broadcast	☐	
External inspection of street communication posts for damage to blocks, cables, destruction from corrosion	☐	
Checking communication with mooring posts	☐	
Check communication with M.O. and tiller	☐	
Verification of circular court-wide declarations	☐	

17. Anemometer/Weather Station		
External inspection of equipment and all cables	☐	
The data is correct	☐	
	☐	

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18. GNSS (1)		GNSS (2)	
External inspection of equipment and all cables, antenna installation location, antenna cable and antenna multimeter check	☐		
Check the supply voltage of the GNSS antenna, record the value	☐		
Self-diagnostics is performed without errors, the number of satellites used is normal, record the software version (if available)	☐		
Availability of NMEA signal multiplier	☐		
Date and time are current	☐		

19. Echo Sounder		
External inspection of equipment and all cables, joint. boxes in cofferdam and reliability of transducer terminals	☐	
The depth value is true (ask the navigator to confirm the correctness)	☐	
Data verification on consumers (ECDIS, remote repeaters)	☐	
Self-diagnostics is performed without errors	☐	

20. Speed Log		
External inspection of equipment and all cables, joint. boxes in cofferdam and reliability of transducer terminals	☐	
The depth value is true (ask the navigator to confirm the correctness)	☐	
Data verification on consumers (ECDIS, remote repeaters)	☐	
Self-diagnostics is performed without errors	☐	

21. ECDIS (1)		ECDIS (2)	
External inspection of equipment and all cables, keyboard is in good condition	☐		
Software versions and license number	☐		

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The certificate with the card provider is valid. Date of card proofreading not older than 3 months	☐	
Sensor data values are correct	☐	
No fault signals	☐	
Checking the operation of the UPS, triggering the alarm when the main power is turned off	☐	

22. ACVP		
External inspection of the control unit, handshake buttons, buzzers and alarm panels	☐	
Checking the OFF/ON/AUTO mode switching (with the help of the watch officer)	☐	
Self TEST mode check (if any), all level 2 and 3 alarms should work	☐	
Checking operation from the backup power supply, triggering the alarm when the main power is turned off	☐	

23. Avtorulevoy		
External inspection of the control unit, supply cables	☐	
The value of the rate corresponds to the true from the GC	☐	
No fault signals	☐	
Checking operation from the backup power supply, triggering the alarm when the main power is turned off	☐	

24. Satellite Telephony/Internet		
External inspection of equipment and all cables	☐	
The light indication corresponds to the serviceable state (use the user manual)	☐	
Checking with the crew the functioning of telephone calls and data transmission over the Internet	☐	

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Verification of GMDSS operator's algorithms at the workplaces:		
- Distress signal transmission - on the cancellation of a false distress signal - actions when receiving a distress signal in CIV mode (VHF and PV)	☐	

Review of valid documentation for GMDSS		
Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services	☐	
License of ship r/st	☐	№ Valid from
Cargo Ship radio certificate Cargo vessel safety certificate	☐	№ Valid from
GMDSS BTO Certificate	☐	Issued by whom Valid from

Notes
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Observations and Recommendations
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Authorised Representative	
Name:	Estimation of Procedures in 5-Degree Scale ☐ 5 - Excellent ☐ 4 - Good ☐ 3 - Satisfactory ☐ 2 - Not Satisfactory ☐ 1 - Bad
Date:	
Signature & Stamp:	

Authorized Technician/Engineer
Name:
Date:
Signature & Stamp:

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