# **C2 Bridge Checklists**

The checklists in section C2 provide a guide to creating appropriate company and/or on board checklists that suit the particular needs of the ship.

Signature blocks are included on some checklists where it is considered appropriate to confirm that the actions have been completed.

#### C2.1 Steering gear test routines

These routines should be carried out at any time, as required, and if there is doubt as to the performance of the steering gear. Checks of steering equipment may also be required by coastal States prior to entry into their waters.

	Status	Date last checked	Checked by	Remarks
Every watch/after prolonged use of autop	oilot			
Rudder response to manual steering checked and confirmed from all bridge positions using each steering gear power unit singly and together	Yes			
Before entering coastal or congested wat	ers			
Communications between bridge and steering gear compartment checked	Yes			
Rudder response to manual steering checked and confirmed from all bridge positions using each steering gear power unit singly and together	Yes			
Before departure (no more than 12 hours	before depa	rture)		
Communications between bridge and steering gear compartment checked	Yes			
Correct operation of the following tested and confirmed:				
Main steering gear*	Yes			
Auxiliary steering gear	Yes			
Remote steering gear control systems	Yes			
Steering positions on the bridge	Yes			
Emergency power supply	Yes			
• All rudder angle indicator repeaters show the correct rudder position	Yes			
Remote steering gear control system     power failure alarms	Yes			

Steering gear power unit failure alarms	Yes		
Automatic isolating arrangements and other automatic equipment	Yes		
Emergency steering drills			
Emergency steering drills should take place at least every three months and should include direct control from within the steering gear compartment, the communications procedure with the bridge and, where applicable, the operation of alternative power supplies			

- \* Checks and tests
- Confirm that the full rudder movement matches the required capabilities of the steering gear;
- Check the timing of rudder movement from hard-over to hard-over, using each steering gear power unit singly and together, to make sure it is consistent with previous tests; and
- Visually inspect the steering gear and linkages for leaks or damage.

#### **Changeover procedures**

The regular testing of manual steering should be an opportunity for all bridge team members to practise procedures for changing over between different steering modes, as appropriate. Typically, these will include:

- · Automatic track-keeping to automatic heading control;
- · Automatic heading control to hand steering;
- Hand steering to non-follow-up; and
- Hand steering to emergency steering.

## C2.2 Example of a bridge manning matrix

This example of a bridge manning matrix planning tool was developed for a specific ship. It is therefore not suitable for manning levels on all ships and should be adapted.

	Cond	ditions	Master	oow	Look- out	Helmsman	Pilot	Engine	Helm
Entering and leaving port	All	All	$\overset{\circ}{\frown}$	$\bigcirc$	$\overset{\circ}{\frown}$	$\stackrel{\circ}{\frown}$	$\overset{\circ}{\frown}$	Μ	н
Restricted waters	All	Clear weather		$\overset{\text{o}}{\Box}$	$\triangle$	Option		U	Option
		Restricted visibility	$\overset{\circ}{\square}$	$\stackrel{\circ}{\frown}$	$\stackrel{\circ}{\frown}$	$\stackrel{\diamond}{\frown}$		М	н
Coastal waters	A II	Clear weather		$\stackrel{\circ}{\frown}$	$\overset{\circ}{\Box}$			U	A
	All	Restricted visibility	Option	$\overset{\circ}{\Box}$	$\overset{\circ}{\frown}$	$\square$		Option	н
Ocean waters	Davlight	Clear weather		$\stackrel{\circ}{\frown}$	Option			U	A
	Daylight	Restricted visibility		$\stackrel{\circ}{\frown}$	$\overset{\circ}{\Box}$	Option		U	Option
	Darknoss	Clear weather		$\stackrel{\circ}{\frown}$	$\overset{\circ}{\Box}$			U	A
	Daikiless	Restricted visibility		$\stackrel{\circ}{\frown}$	$\overset{\circ}{\Box}$	Option		U	Option
At anchor	Day	All		$\stackrel{\circ}{\frown}$	Option			U	
	Night	All		$\stackrel{\circ}{\frown}$	$\stackrel{\circ}{\frown}$			U	

Кеу:	Engine	Helm
Manned	М	
Unmanned	U	
Hand steering		Н
Auto		А

# C2.3 Familiarisation with bridge equipment

Compass and heading devices	Tick
Location and operation of the standard magnetic compass and azimuth mirror	
Date of last compass swing	
Location of deviation card and compass error log	
Location and operation of magnetic off-course alarm	
Location and operation of the TMC control unit	
Location and operation of gyro compass, repeaters and azimuth mirrors	
Gyro compass error	
Location and operation of off-course alarm	
Radar and radar plotting aids	Tick
Location and operation of radar(s) including operation performance monitors	
Operation of ARPA (or other plotting aids)	
Echo sounder	Tick
Location and operation of echo sounding devices	
Location of echo sounder repeaters	
Location of echo sounder spares and spare recording paper (if not digital unit)	
Speed and distance logs	Tick
Location and operation of speed logs	
Location and operation of speed log repeaters	
Global Maritime Distress and Safety System (GMDSS) including maritime safety information (MSI)	Tick
Location and operation of GMDSS station, isolation of aerials, location of batteries/back-up power	
Location and operation of VHF/MF/HF equipment including digital selective calling (DSC)	
Location and operation of ship earth station (SES)	
Location and operation of NAVTEX receiver	
Location and operation of weather fax receiver and any weather routeing program	
Location of spare paper for weather fax receiver	

Location of the GMDSS log	
Location and operation of Emergency Position Indicating Radio Beacon (EPIRB)	
Position fixing systems	Tick
Location and operation of GNSS	
Location and operation of terrestrial radio-navigation systems	
Location of antenna(s)	
General bridge equipment	Tick
Location and operation of the chronometer, master clocks system and stopwatch	
Location of compass error log	
Location of binoculars	
Location of sextant(s)	
Location of log books	
Location and operation of bridge windscreen wipers and clear view screens including water wash	
Internal communications	Tick
Location and operation of internal communications	
Location and operation of emergency internal communications	
Propulsion and steering	Tick
Location of manoeuvring characteristics information and data	
Location and operation of engine telegraph	
Location and use of engine movement recorder	
Location and operation of thruster controls	
Operation of steering, steering changeover and emergency steering systems	
Location and use of rate of turn (ROT) indicator	
Orders and logs	Tick
Location and content of the SMS and Master's standing orders	
Location of Master's daily/night orders	
Location and content of instructions for unmanned spaces	

Passage planning and monitoring	Tick
Location of passage plan for proposed/current passage	
Location of charts for proposed/current passage	
Completion of ECDIS familiarisation (see checklist C2.4)	
Location of navigational publications, light lists, radio signals, digital and/or hard copies	
Location and operation of chart management system	
Location of navigation warnings and weather information	
Location of Notices to Mariners (NMs), digital and/or hard copies	
Automatic Identification System (AIS)	Tick
Location and operation of AIS	
Alarm systems	Tick
Location and operation of BNWAS	
Voyage recording	Tick
Location and operation of VDR or S-VDR	
Recovery/saving data procedure from VDR or S-VDR	
Location and operation of bridge audio recording system	
Location and operation of the course recorder	
Location of spare recording paper for course recorder, and other spares (if electro mechanical)	
Location of LRIT equipment	
Location of bridge procedures manual, SMS and ship specific procedures	
Navigation lights, shapes and signalling equipment	Tick
Location and operation of navigation and signal light controls and alarm panel	
Location of bridge operated deck lighting	
Location of spare bulbs for navigation lights and equipment	
Location and operation of daylight signalling lamp	
Location of mains sockets and batteries	
Understand the recharging procedure for back-up battery supplies	

Location of flags, shapes and manual sound signalling apparatus	
Location and operation of sound signalling panel	
Emergency equipment and security	Tick
Location of muster point information	
Location of spare lifejackets	
Location of man overboard lifebuoys and methods of release	
Location and operation of fire detection and alarm panel	
Location of fire and general alarm activation points	
Location of emergency fan stop	
Location of watertight door remote controls	
Location of emergency fire pump(s) stop/start	
Location of counter-piracy equipment	
Other	Tick

Bridge team member:	Date:	

Master's signature: ..... Date: .....

The above points are recommendations only. It is essential that the checklist is amended to reflect the bridge equipment installed on board.



## C2.4 ECDIS familiarisation

Initial preparation	Tick
Identify whether the vessel is approved to use ECDIS for navigation	
Identify whether there are company procedures for the use of ECDIS and ensure that these are followed	
Identify whether any passwords are needed for the management of the system and, if so, get the details	
Identify how one to one familiarisation is supported, e.g. by a CBT package and/or a built-in mode	
Identify the primary ECDIS equipment and the facilities for back-up (if the back-up is a second ECDIS of a different type to the primary installation, this familiarisation checklist should be completed for both systems)	
Understand the procedures in event of ECDIS failure	
Identify the location of user manuals for ECDIS and its back-up	
Identify the location of base and update media	
Understand the procedures for getting additional chart permits	
Understand the position fixing systems that feed the ECDIS. Decide on the method of switching between sources, e.g. primary and secondary position fixing systems	
Identify what other systems supply ECDIS, such as speed logs, GNSS, gyro compass, radar/ARPA (acquired targets, radar picture overlay), AIS and echo sounder. For each one, identify the reference framework, e.g. ground, water or ship stabilised	
Identify where to find maintenance records related to the ECDIS and service reports, non-conformity reports and inspection, validation reports	
Identify the power supply modes and their specifications such as uninterruptible power supply (UPS) duration	
Basic operation	Tick
Identify how to switch the ECDIS on and off	
Identify the function(s), position and general operation of the physical controls and switches, including cursor control, and the access and selection of menu items	
Understand how to access the main menu and select menu options	
Identify the methods for setting day/night viewing modes, brightness, contrast and colour correction	
Identify how to switch between traditional and simplified symbols	

Identify how to put equipment in route monitoring mode and route planning mode	
Identify the methods for scrolling and zooming charts, including the current scale of displayed charts and setting the display to a particular scale	
Identify how to select the display base and standard display	
Identify how to display other information from ENCs, including the display of All Other Information	
Identify how to check that information concerning own ship, e.g. dimensions, is correct	
Identify how to select the safety contour and safety depth	
Identify how to select two or four colour contour mode	
Identify how to select deep and shallow area display options	
Identify how to set all other safety parameters	
Identify how alarms and other alerts are given by the ECDIS and understand the procedure needed to acknowledge them	
Electronic charts	Tick
Identify how to access the chart directory and to identify whether charts are ENCs, RNCs or unofficial (private)	
latent' Galerante a da et e aleret Gan d'ander an the annual	
identify now to select a chart for display on the screen	
Identify how to load new chart licence keys	
Identify how to load new chart licence keys Identify how to load base data	
Identify how to load new chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts	
Identify how to load new chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures	
Identify how to load new chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates	
Identify how to load new chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates	
Identify now to select a chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates Navigation tools and functions	Tick
Identify now to select a chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates Navigation tools and functions Identify how to display the legend of general information	Tick
Identify how to load new chart licence keys Identify how to load base data Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates Navigation tools and functions Identify how to display the legend of general information Identify how to select information about an object using a pick report/chart query	Tick
Identify how to load new chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates Navigation tools and functions Identify how to display the legend of general information Identify how to select information about an object using a pick report/chart query Identify how category zone of confidence (CATZOC) information can be displayed	Tick
Identify how to select a chart for display on the screen Identify how to load new chart licence keys Identify how to load base data Identify how to check the update status of loaded charts Identify how to update charts using the normal cumulative update procedures Identify how to apply non-cumulative or electronically transmitted updates Find out how to apply manual updates Navigation tools and functions Identify how to display the legend of general information Identify how to select information about an object using a pick report/chart query Identify how to access the presentation library	Tick

Identify the single operator action needed to remove MIOs from the display	
Identify the single operator action needed to set the standard display setting	
Identify how to view, add, edit and delete NMs	
Identify how to access all navigational elements and parameters, such as past track, vectors, position lines (LOP) and anti-grounding cone (AGC)	
Identify the facilities provided for the measurement of range and bearing (e.g. EBLs and VRMs) and how they are to be used	
Identify the method(s) used for inserting parallel index lines	
Identify what other navigational tools are available and how to access them	
Identify how to change to using the ECDIS back-up system	
Identify the procedure for identifying and reacting to sensor/GNSS failure	
Identify how to switch chart text (text for charted objects) on and off	
Route planning	Tick
Identify how to load existing routes and enable for editing	
Identify how to initiate a new route plan	
Identify how to initiate and plan alternate routes	
Identify how to initiate and plan alternate routes Identify how to save route plan	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypoints	
Identify how to initiate and plan alternate routes         Identify how to save route plan         Identify how to add, delete and graphically adjust the position of waypoints         Identify how to add, edit and delete critical points	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypointsIdentify how to add, edit and delete critical pointsIdentify how to display time varying objects relevant for the timing of the planned voyage	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypointsIdentify how to add, edit and delete critical pointsIdentify how to display time varying objects relevant for the timing of the planned voyageIdentify all the features available for planning routes, such as use of straight and curved segments, wheel over positions, turn radius, and inserting pilotage aids	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypointsIdentify how to add, edit and delete critical pointsIdentify how to display time varying objects relevant for the timing of the planned voyageIdentify all the features available for planning routes, such as use of straight and curved segments, wheel over positions, turn radius, and inserting pilotage aidsIdentify the ship's procedures for displaying MSI, Temporary and Preliminary (T&P) notices and other relevant notes into the passage plan	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypointsIdentify how to add, edit and delete critical pointsIdentify how to display time varying objects relevant for the timing of the planned voyageIdentify all the features available for planning routes, such as use of straight and curved segments, wheel over positions, turn radius, and inserting pilotage aidsIdentify the ship's procedures for displaying MSI, Temporary and Preliminary (T&P) notices and other relevant notes into the passage planIdentify how to use the facilities for checking the planned route	
Identify how to initiate and plan alternate routesIdentify how to save route planIdentify how to add, delete and graphically adjust the position of waypointsIdentify how to add, edit and delete critical pointsIdentify how to display time varying objects relevant for the timing of the planned voyageIdentify all the features available for planning routes, such as use of straight and curved segments, wheel over positions, turn radius, and inserting pilotage aidsIdentify the ship's procedures for displaying MSI, Temporary and Preliminary (T&P) notices and other relevant notes into the passage planIdentify how to use the facilities for checking the planned routeIdentify how to load the planned route and alternatives into the back-up system	

Route monitoring	Tick
Identify how to load a pre-planned route	
Identify how to select the primary or an alternative route, and how to distinguish between them on the display	
Identify the single operator action that selects the charted display of own ship's position	
Identify the available display orientation modes, and how to switch between them (e.g. north up, head up or course up)	
Identify the available display motion modes and how to select them and change the parameters, such as the position of own ship on the display when relative motion is selected	
If radar or AIS targets can be displayed on the ECDIS, identify what target vector modes are available and how to switch between and differentiate them	
Identify how to create time labels along the ship's track	
Become familiar with the route monitoring display, including the display of position, heading, course, speed and time	
Identify how to set the length of own ship's vector and intermediate time marks	
Identify how to display radar and AIS MIOs, if available	
Identify how to use the ECDIS as the input to a track-keeping autopilot. (This will require reference to the autopilot handbook)	
Identify how to input lines of position (LOP) to form the reference for an estimated position (EP)	
Identify how to configure the ECDIS to use the above reference for subsequent EP	
Identify how to switch to dead reckoning (DR) mode and to identify when the ECDIS is in DR mode	
Identify how to use the review facilities of the voyage recorder (if appropriate and not essential knowledge before sailing)	

Bridge team member:	Date:	
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Master's signature: ..... Date: .....



#### C2.5 ECDIS setup

Action	Status	Remarks
Primary position fixing system set up correctly. Prove the ECDIS is correct by entering a manual fix into the system	Yes	
System time configured correctly	Yes	
ECDIS setup is replicated on all ECDIS units	Yes	
Navigation tools configured correctly	Yes	
Safety depth and safety contour settings configured correctly	Yes	
System units configured correctly	Yes	
All relevant overlays loaded	Yes	
Area alerts configured correctly (if system in use allows alarm configuration)	Yes	
Docking mode configured correctly	Yes	
Navigation alarms configured correctly, including safety frame/anti-grounding cone	Yes	
Route alarms configured correctly	Yes	
Targets configured correctly	Yes	
Preferred radar selected	Yes	
Ship data set up correctly	Yes	
Audible alarm working correctly	Yes	
Chart motion, chart orientation, screen layout, colour palette and additional ENC settings configured correctly	Yes	
Correct display setting available for execution of navigation in line with ECDIS check off cards for pilotage and confined waters, and coastal navigation and open ocean	Yes	
Correct route loaded for route monitoring	Yes	
Correct waypoint and route monitoring information displayed	Yes	
		1

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Time and date: .....

The above points are recommendations only. It is essential that the checklist is amended to reflect the appropriate manufacturer's operating manuals and company procedures.

# C2.6 Preparations for departure

Passage plan	Status	Remarks
Berth to berth passage plan for the intended passage prepared and available on the bridge with the route plotted on up-to-date and appropriate scale charts (official paper or electronic)	Yes	
Passage plan checked and approved by the Master	Yes	
Passage plan briefed to the bridge team	Yes	
Route displayed on ECDIS and/or other electronic navigation aids, as appropriate	Yes	
Up-to-date charts and nautical publications available	Yes	
Latest NMs (week number)	Yes	
Equipment checks (tested and ready for use)	Status	Remarks
AIS (voyage data updated and correct)	Yes	
Anchors, cables and winches	Yes	
Ancillary bridge equipment (e.g. binoculars)	Yes	
BNWAS	Yes	
Clocks synchronised with engine room	Yes	
Controllable pitch propeller controls and indicators	Yes	
Course and engine movement recorder/bridge movement book	Yes	
Deck power	Yes	
ECDIS and/or other electronic navigation aids	Yes	
Echo sounder	Yes	
Electronic position fixing systems	Yes	
Emergency engine stops	Yes	
Engine(s)/propulsion (ahead and astern)	Yes	
GMDSS communications and GMDSS log	Yes	
Gyro/magnetic compass and repeaters, including repeater in steering gear area	Yes	
Internal communications (particularly bridge to engine room/bridge to mooring stations)	Yes	
LRIT	Yes	
Navigation lights, shapes and sound signals	Yes	



Radar(s) and ARPA	Yes	
RPM and ROT indicators	Yes	
Signalling equipment including flags, search lights and signal lamps	Yes	
Speed and distance log	Yes	
Stabilisers	Yes	
Steering gear (checklist C2.1)	Yes	
Thrusters	Yes	
VDR/S-VDR	Yes	
Port and pilotage	Status	Remarks
Master/pilot information exchange checklist completed (checklist C1.1)	Yes	
Pilot card prepared (checklist C1.2)	Yes	
Pilot boarding time confirmed	Yes	
Pilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4)	Yes	
Port and VTS channels monitored	Yes	
Port, VTS and pilot informed of any special requirements	Yes	
Preparations for pilotage complete (checklist C2.8)	Yes	
Securing for sea	Status	Remarks
Cargo and cargo handling equipment secure	Yes	
Cargo/passenger details available	Yes	
Hull openings secure and watertight	Yes	
Stability and draught information available	Yes	
Watertight doors closed	Yes	
Before sailing	Status	Remarks
All crew on board	Yes	
Anchors cleared away	Yes	
Bridge team fit for duty	Yes	
Engine room ready	Yes	
Mooring stations manned and ready	Yes	
MSI checked and communicated to bridge team	Yes	

Pressure on fire main	Yes	
Stowaway/security search completed	Yes	
Other	Status	Remarks
	Yes	

Time and date:	

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The above points are recommendations only. It is essential that the checklist is amended to reflect the appropriate operating manuals and company procedures.



# C2.7 Preparations for arrival

Passage plan	Status	Remarks
Pre-arrival documentation complete and sent	Yes	
Passage plan updated with additional information received since departure	Yes	
Updated passage plan checked and approved by the Master	Yes	
Updated passage plan briefed to the bridge team	Yes	
Updated passage plan available on the bridge with the route plotted on up-to-date and appropriate scale charts (official paper or electronic)	Yes	
Updated route displayed on ECDIS and/or other electronic navigation aids, as appropriate	Yes	
ls cargo/ballast rearrangement required?	Yes	
Equipment checks (tested and ready for use)	Status	Remarks
Clocks synchronised with engine room	Yes	
Controllable pitch propeller controls and indicators	Yes	
Deck power	Yes	
ECDIS and/or other electronic navigation aids	Yes	
Echo sounder	Yes	
Electronic position fixing systems	Yes	
Emergency engine stops	Yes	
Engine(s)/propulsion (ahead and astern)	Yes	
Gyro/magnetic compass and repeaters, including repeater in steering gear area	Yes	
Internal communications (particularly bridge to engine room/bridge to mooring stations)	Yes	
Navigation lights, shapes and sound signals	Yes	
RPM and ROT indicators	Yes	
Signalling equipment including flags, search lights and signal lamps	Yes	
Steering gear (checklist C2.1)	Yes	
Thrusters	Yes	
Before arrival	Status	Remarks
Anchors cleared and ready for use	Yes	

Any stabilisers housed	Yes	
Bridge team ready	Yes	
Cargo/passenger details available	Yes	
Engine room ready	Yes	
Ship ready for manoeuvring	Yes	
If available, use more than one steering gear power unit	Yes	
Manual steering engaged	Yes	
Mooring stations manned and ready	Yes	
Pressure on fire main	Yes	
Stability and draught information verified and available	Yes	
Watertight doors closed	Yes	
Port and pilotage requirements	Status	Remarks
Master/pilot information exchange (MPX) checklist completed (checklist C1.1)	Yes	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2)	Yes	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2) Pilot boarding time confirmed	Yes	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1)Pilot card prepared (checklist C1.2)Pilot boarding time confirmedPilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4)	Yes Yes Yes Yes Yes	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1)Pilot card prepared (checklist C1.2)Pilot boarding time confirmedPilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4)Port and VTS channels monitored	Yes Yes Yes Yes Yes Yes	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1)Pilot card prepared (checklist C1.2)Pilot boarding time confirmedPilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4)Port and VTS channels monitoredPort, VTS and pilot informed of any special requirements	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1)Pilot card prepared (checklist C1.2)Pilot boarding time confirmedPilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4)Port and VTS channels monitoredPort, VTS and pilot informed of any special requirementsPreparations for pilotage complete (checklist C2.8)	<ul> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2) Pilot boarding time confirmed Pilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4) Port and VTS channels monitored Port, VTS and pilot informed of any special requirements Preparations for pilotage complete (checklist C2.8) Other	<ul> <li>Yes</li> </ul>	Remarks
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2) Pilot boarding time confirmed Pilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4) Port and VTS channels monitored Port, VTS and pilot informed of any special requirements Preparations for pilotage complete (checklist C2.8) Other	<ul> <li>Yes</li> </ul>	Remarks
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2) Pilot boarding time confirmed Pilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4) Port and VTS channels monitored Port, VTS and pilot informed of any special requirements Preparations for pilotage complete (checklist C2.8) Other	<ul> <li>Yes</li> </ul>	Remarks
Master/pilot information exchange (MPX) checklist completed (checklist C1.1) Pilot card prepared (checklist C1.2) Pilot boarding time confirmed Pilot boarding arrangements ready for disembarkation of the pilot (checklist C1.4) Port and VTS channels monitored Port, VTS and pilot informed of any special requirements Preparations for pilotage complete (checklist C2.8) Other	<ul> <li>Yes</li> </ul>	Remarks

Time and date:	

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The above points are recommendations only. It is essential that the checklist is amended to reflect the appropriate operating manuals and company procedures.

# C2.8 Pilotage

Action	Status	Remarks
Appropriate scale charts available with route plotted	Yes	
Appropriate flags and navigation lights or shapes displayed	Yes	
Bridge appropriately manned to:		
Maintain a proper look-out	Yes	
<ul> <li>Monitor the progress of the ship and navigational safety</li> </ul>	Yes	
<ul> <li>Monitor communications between pilot, shore, tugs and mooring craft</li> </ul>	Yes	
<ul> <li>Carry out orders and instructions given by the Master and pilot</li> </ul>	Yes	
Bridge watch and crew standby arrangements	Yes	
ECDIS terminals are set up correctly for navigation in pilotage waters with route displayed (checklist C2.5)	Yes	
Engine room and mooring stations regularly updated on pilotage progress	Yes	
MPX completed and passage plan agreed by the Master (checklist C1.1)	Yes	
Pilot briefed on the pilot card (checklist C1.2) and wheelhouse poster (checklist C1.3) concerning manoeuvring characteristics	Yes	
Mooring stations informed of berthing arrangements	Yes	
Pilot informed of any propulsion or steering gear defects or limitations	Yes	
Pilot informed of ship's heading, speed, engine setting and draught on arrival on the bridge	Yes	
Pilot informed of the location of life-saving appliances provided for their use	Yes	
Preparation for departure (checklist C2.6) or arrival (checklist C2.7) checks complete	Yes	
Working language agreed	Yes	

Other	Status	Remarks
	Yes	



## C2.9 Passage planning

Factors to consider when developing a passage plan and associated route

Appraisal	Tick
Adequacy and reliability of aids to navigation	
Adequacy and reliability of charts and hydrographic data	
Appropriate scale charts for ocean, coastal, harbour and berthing phases	
Guides to port entry	
List of lights	
Local area warnings	
NAVAREA navigational warnings	
New charts and licences ordered as appropriate	
Notices to Mariners	
Planning charts	
List of radio signals	
Routeing and load line charts	
Sailing directions and pilot books	
Tide tables and tidal stream atlases	
Passage requirements	Tick
Anchoring locations	
Any special ship operational requirements for the passage	
Bunker calculations	
Cargo and any special stowage/carriage restrictions	
Communications/GMDSS watchkeeping considerations	
Draught restrictions including air draught and under keel clearance (UKC) requirements	
Helicopter operations	
Load line requirements	
Log book requirements	
Passage reporting requirements	
Passage speed and ETA calculations	
Position fixing intervals	

Reliability of propulsion and steering systems or any known defects affecting navigation or control of vessel	
Routeing and reporting measures	
Safety contours	
Safety depths	
Security concerns	
Ship-to-ship transfers	
Squat	
Strength and stability	
Watch schedules	
Environmental considerations	Tick
Ballast water	
Emission Control Area (ECA) limits and fuel changeover procedures	
MARPOL Special Areas, PSSAs, or national and regional requirements	
Notifications/advice to crew on board	
	Tisle
Weather/conditions	
Abnormal waves	ПСК
Weather/conditions         Abnormal waves         Currents and tides	TICK
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather	ПСК
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing         Winds	
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing         Winds         Contingencies	Tick
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing         Winds         Contingencies         Emergency anchorages	Tick
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         lce         Swell         Tropical storms         Visibility         Weather routeing         Winds         Contingencies         Emergency anchorages         Commit points	Tick
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing         Winds         Contingencies         Emergency anchorages         Commit points         Emergency response plans	Tick
Weather/conditions         Abnormal waves         Currents and tides         Heavy weather         Ice         Swell         Tropical storms         Visibility         Weather routeing         Winds         Contingencies         Emergency anchorages         Commit points         Emergency response plans         Notifications and reporting	Tick

Other	Tick
Officer responsible – passage plan completed and checked.	
Signature: Date:	
Master – passage plan checked and approved.	
Signature: Date:	
Officer responsible – approved passage plan briefed to the bridge team.	
Signature: Date:	

# C2.10 Navigation in coastal waters

Action	Status	Remarks
Appropriate scale charts available with route plotted	Yes	
Bridge manning appropriate to maintain a proper look-out	Yes	
ECDIS terminals set up correctly for navigation in coastal waters with route displayed	Yes	
Echo sounder checked	Yes	
Effects of weather and currents for the area understood	Yes	
Engines ready for immediate use	Yes	
Gyro/magnetic compass errors checked	Yes	
Helmsman is available at immediate notice	Yes	
Manual steering checked and ready for use (checklist C2.1). Use more than one steering gear power unit, as appropriate	Yes	
Measures taken to comply with environmental requirements and applicable pollution regulations	Yes	
MSI is monitored and plotted as appropriate	Yes	
Position of the ship is fixed regularly and cross referenced at appropriate intervals	Yes	
Proximity to shallow water and the effect of squat monitored	Yes	
Radar performance and radar heading line marker alignment checked	Yes	
Ship security procedures understood and followed	Yes	
Traffic conditions in the area understood	Yes	
Vessel reporting requirements understood and followed	Yes	
Vessel routeing requirements understood and followed	Yes	
Weather monitored, particularly in areas prone to restricted visibility	Yes	

Other	Status	Remarks
	Yes	

# C2.11 Navigation in ocean waters

Action	Status	Remarks
Appropriate scale charts available with route plotted	Yes	
All measures taken to comply with environmental requirements and applicable pollution prevention regulations	Yes	
ECDIS terminals correctly set up for navigation in ocean waters with route displayed (checklist C2.5)	Yes	
Bridge manning appropriate for maintaining a proper look-out	Yes	
Ship's position confirmed at appropriate intervals	Yes	
Changes in weather monitored and regular barometer observations made	Yes	
NAVAREA navigational warning broadcasts and other long range weather reports monitored	Yes	
Participation in area reporting systems (e.g. Automated Mutual-Assistance Vessel Rescue System (AMVER)) as appropriate	Yes	
Other	Status	Remarks
	Yes	



# C2.12 Anchoring and anchor watch

Anchoring appraisal and planning	Status	Remarks
Anchoring plan checked and approved by the Master	Yes	
Anchoring position identified that addresses the:		
<ul> <li>Availability of appropriate space at the anchorage</li> </ul>	Yes	
Proximity of navigational hazards including traffic	Yes	
Scope of anchor cable required/available	Yes	
Suitable seabed type and holding conditions	Yes	
• Tidal height checked to confirm that sufficient water is available for the duration of the anchorage	Yes	
<ul> <li>Tidal stream checked with particular reference to effect on slow speed manoeuvring</li> </ul>	Yes	
Weather conditions and available shelter	Yes	
Anchors, cables and winches checked and ready for use	Yes	
Engine room and anchor party informed of the time of anchoring	Yes	
Intended anchor position of the ship reported to the port authority	Yes	
Lights, shapes and sound signalling apparatus checked and ready for use	Yes	
Ship ready for manoeuvring	Yes	
Security measures required by the Ship Security Plan (SSP)	Yes	
While at anchor the OOW should:	Status	Remarks
Check at sufficiently frequent intervals whether the ship is remaining securely at anchor by taking bearings of fixed navigational marks or readily identifiable shore objects	Yes	
ldentify and plot the ship's position on the appropriate chart as soon as practicable	Yes	
Monitor swinging pattern	Yes	
Ensure that inspection rounds of the ship are made periodically	Yes	

Ensure that a proper look-out is kept	Yes	
Ensure that the ship exhibits the appropriate lights and shapes and that appropriate sound signals are made in accordance with all applicable regulations	Yes	
Ensure that the state of readiness of the main engines and other machinery is in accordance with the Master's instructions	Yes	
Ensure that vessel access control precautions are maintained	Yes	
If visibility deteriorates, call the Master	Yes	
Modify AIS status	Yes	
Call the Master and undertake all necessary measures if the ship drags anchor	Yes	
Observe meteorological and tidal conditions and the sea state	Yes	
Take measures to protect the environment from pollution by the ship and comply with applicable pollution prevention regulations	Yes	
Other	Status	Remarks
	Yes	



## C2.13 Restricted visibility

Action	Status	Remarks
Master informed of reduced visibility as required in Master's standing orders and the SMS	Yes	
Engine room informed	Yes	
Bridge manning levels increased, as necessary (checklist C2.2)	Yes	
Look-outs posted	Yes	
Hand steering selected	Yes	
Engines ready for immediate manoeuvre	Yes	
All watertight doors and openings closed	Yes	
Equipment preparations	Status	Remarks
AIS	Yes	
Echo sounder	Yes	
Fog signalling apparatus	Yes	
Navigation lights	Yes	
Radar, ARPA or other plotting aids	Yes	
VHF	Yes	
Compliance with COLREGS regulations	Status	Remarks
Rule 19 – Conduct of vessels in restricted visibility	Yes	
Rule 35 – Sound signals in restricted visibility	Yes	
Rule 5 – Look-out	Yes	
Rule 6 – Safe speed	Yes	
Contingency planning	Status	Remarks
Consider the possibility of anchoring the ship if in doubt and ship in a suitable depth of water	Yes	
Other	Status	Remarks
	Yes	

# C2.14 Heavy weather/tropical storm areas

Action	Status	Remarks
Master informed of the weather conditions	Yes	
Engine room informed of the weather conditions	Yes	
Crew informed of the need to avoid upper deck areas made dangerous by weather	Yes	
Safety lines/hand ropes rigged where necessary	Yes	
Ship course and speed adjusted as necessary to ease ship/avoid worst of motion	Yes	
Ship manoeuvred to minimise risk of broaching, pooping and/or synchronous rolling	Yes	
Weather reports monitored	Yes	
Weather reports made to appropriate authorities. In the case of tropical storms, danger messages in accordance with SOLAS	Yes	
Secure and/or check securing:		
All weather deck openings (doors/hatches)	Yes	
Anchors and winches	Yes	
<ul> <li>Hatch covers, vents and any other openings to cargo holds</li> </ul>	Yes	
Cargo (as appropriate)	Yes	
<ul> <li>Loose or movable objects in cabins and accommodation</li> </ul>	Yes	
Loose or movable objects on deck	Yes	
Loose or movable objects in the engine room	Yes	
Loose or movable objects in the galley	Yes	
Loose or movable objects in the storerooms	Yes	
All ports and deadlights closed	Yes	
Other	Status	Remarks
	Yes	



#### C2.15 Navigation in ice\*

Action	Status	Remarks
Master informed of the proximity to ice	Yes	
Additional look-outs posted if appropriate	Yes	
Engine room informed of the proximity to ice	Yes	
Crew informed of the proximity to ice	Yes	
All watertight doors closed	Yes	
Speed reduced as appropriate in the conditions	Yes	
Hand steering engaged if appropriate	Yes	
Frequency of sounding tanks and bilges increased	Yes	
Ice advisory service broadcasts monitored	Yes	
Danger messages transmitted in accordance with SOLAS	Yes	
Other	Status	Remarks
	Yes	

\* Preparations for navigation in ice for ships operating in polar waters should be in line with the ship's Polar Water Operational Manual (PWOM).

# C2.16 Change of watch at sea

Action	Status	Remarks
Enough time allowed for night vision to adjust	Yes	
Master's orders understood	Yes	
GMDSS log up to date	Yes	
Deck log up to date	Yes	
Position, course and speed	Yes	
Passage plan progress and time to next alter course	Yes	
Passage plan look-ahead including hazards for the watch	Yes	
Draught, air draught and UKC	Yes	
Effect of heel, trim, water density and squat	Yes	
Current traffic conditions	Yes	
Maritime safety information:		·
• Weather	Yes	
Navigational warnings	Yes	
Status of navigation and bridge equipment:		
• AIS	Yes	
Autopilot	Yes	
• BNWAS	Yes	
Course and engine movement recorder	Yes	
• ECDIS	Yes	
Echo sounder	Yes	
• GNSS	Yes	
Gyro and magnetic compass	Yes	
Navigation lights, shapes and signals	Yes	
Radar and ARPA	Yes	
• VDR/S-VDR	Yes	
Status of communications equipment:		
• EPIRB	Yes	
• NAVTEX	Yes	

• SES	Yes
• VHF/MF/HF	Yes
Status of propulsion and steering equipment:	
Engine room watch	Yes
Hand steering tested	Yes
Main engines and generators	Yes
Steering system	Yes
Status of watertight doors	Yes
Status of fire zones	Yes
Any special work in progress	Yes

#### C2.17 Calling the Master

If the Master needs to be called, particularly where there is concern about the safety of the ship, this should be done early enough to allow the Master enough time to understand and respond effectively to the situation.

Failing to call the Master promptly can lead to an increased level of risk of:

- Collision;
- Grounding;
- Safety of life;
- Damage to the environment;
- Ship delays;
- Cargo leaks or spills;
- Property damage;
- Commercial losses; or
- Reputation losses due to delays or damage.

Occasions to call the Master	Status	Remarks				
As required by the SMS, Master's standing orders and daily orders, including:						
When restricted visibility is encountered or expected	Yes					
• When traffic conditions, density or the movements of other vessels are causing concern	Yes					
• When a distress alert has been received or a distress signal has been sighted	Yes					
When difficulties in maintaining course are experienced	Yes					
• When there is significant difference between the latest observed position and the expected position of the ship	Yes					
<ul> <li>In case of failure to sight land, identify a navigation mark or get soundings by the expected time</li> </ul>	Yes					
<ul> <li>When there is unexpected sighting of land or a navigation mark or unexpected change in soundings</li> </ul>	Yes					
When amendments to the passage plan require immediate approval	Yes					
• When there is a breakdown of the engines, propulsion machinery remote control, steering gear or any essential navigational equipment, alarm or indicator	Yes					

<ul> <li>When communications or GMDSS radio equipment malfunctions</li> </ul>	Yes	
<ul> <li>In heavy weather, if any doubt about the possibility of weather damage</li> </ul>	Yes	
• When the ship meets hazards to navigation, e.g. ice or a derelict vessel	Yes	
<ul> <li>When there are concerns about the ship's security</li> </ul>	Yes	
In any emergency situation	Yes	
• In any cases when the situation is beyond the experience of the OOW or if there is any doubt about the safety of the ship, or ability to comply with regulatory requirements	Yes	
Other	Status	Remarks
	Yes	

## C2.18 Pre-operational dynamic positioning

This checklist should complement the detailed DP procedures and checklists required for personnel operating DP vessels.

ltem	Status					Remarks	
Computers	А	Running			Online		
	В	Running		Online			
	A/B Difference messages						
Thrusters	1	Running		Enabled			
	2	Running			Enabled		
	3	Running			Enabled		
	4	Running			Enabled		
	5	Running			Enabled		
	6	Running			Enabled		
Power and generators	1	Running			Standby		
	2	Running			Standby		
	3	Running			Standby		
	4	Running			Standby		
Bus tie switch	Open/closed						
Equipment class		Consequence	e ana	nalysis enabled			
Control gain	Low/medi				Customised/relaxed		
Alternative rate of turn (ROT) point	rate of turn Number selected:			Position:			
Wind sensors	1/2	Available		Selected	k	Gyro differences checked	
Gyros	1	Running		Selected	b	Repeater checked	
	2	Running		Selected	b	Gyro alarms	
	3	Running		Selected	k	CHECKEU	
Motion Reference Unit	1		MRU differences checked		necked		
(MRU)	2						
Printer	Running		Paper OK		К	Outstanding messages checked	



Position reference system (PRS)	Differential Global Positioning System (DGPS)	1	Running	Diff available		IMCA differ quality indic (DQI) factor	ential cator r
			Horizonal dilution of position (HDOP)	AOD (Sec)			
	DGPS	2	Running	Diff available		IMCA DQI F	actor
			HDOP	AOD (sec)			
	Taut wires	Port		Deployed		Water dept	h: m
		Stbd		Deployed		Water dept	h: m
	Fan beam	Deployed	ployed Range/ bearing (Rng/Brg):			Reflector lo	ocation
	HPR	1	Running	Pole up/ down		Transponde deployed	ər
		2	Running	Pole up/ down		Transponde deployed	ər
Communications		VHF:	Working channels:			Tested	
		UHF:	Channels:			Tested	
		Internal				Tested	
		Talkback				Tested	
Weather fo	recast	Time received:					
Signals dis	played						
30 minute s complete	setting time						
Maximum o rating (MCI complete	continuous R) checklist						
Tasks agreed							
Permit to w	vork	Reference number:			Expiry	/ time:	

OOW/DPO Signature: ..... Date:.....

## C2.19 False distress alerts

False alert sent on VHF digital selective calling (DSC)	Status	Remarks
VHF DSC reset immediately	Yes	
Alert on VHF DSC Channel 70 cancelled	Yes	
Broadcast message transmitted to ALL STATIONS on VHF Channel 16 giving the ship's name, call sign and maritime mobile service identity (MMSI) and cancelling the false distress alert	Yes	
Details of the false alert and actions to cancel the alert recorded	Yes	
False alert sent on MF DSC	Status	Remarks
MF DSC reset immediately	Yes	
Alert cancelled on MF DSC 2187.5 kHz	Yes	
Broadcast message transmitted to ALL STATIONS on 2182 kHz giving the ship's name, call sign and MMSI and cancelling the false distress alert	Yes	
Record details of the false alert and actions to cancel the alert	Yes	
False alert sent on HF DSC	Status	Remarks
False alert sent on HF DSCHF DSC reset immediately	Status	Remarks
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of	Status Yes n which it wa	Remarks Is sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz	Status Yes n which it wa	Remarks Is sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz	Status Yes n which it wa Yes Yes	Remarks Is sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 8414.5 kHz	Status Yes n which it wa Yes Yes Yes Yes	Remarks as sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 8414.5 kHz• 12577 kHz	Status Yes n which it wa Yes Yes Yes Yes Yes Yes	Remarks
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 8414.5 kHz• 12577 kHz• 16804.5 kHz	Status          Yes	Remarks Us sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 6312 kHz• 12577 kHz• 16804.5 kHzBroadcast message transmitted to ALL STATIONS gi and cancelling the false alert on each of the radio-tele which the HF DSC was sent:	Status          Yes         Yes	Remarks as sent: as sent: as sent: as sent: brown of the bands on the
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 6312 kHz• 12577 kHz• 16804.5 kHzBroadcast message transmitted to ALL STATIONS giand cancelling the false alert on each of the radio-telewhich the HF DSC was sent:• 4125 kHz	Status Yes n which it wa Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Remarks as sent: as sent: as sent: as sent: brown of the bands on
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 6312 kHz• 12577 kHz• 16804.5 kHzBroadcast message transmitted to ALL STATIONS giand cancelling the false alert on each of the radio-telewhich the HF DSC was sent:• 4125 kHz• 6215 kHz	Status          Yes	Remarks Us sent: Us s
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 6312 kHz• 8414.5 kHz• 12577 kHz• 16804.5 kHzBroadcast message transmitted to ALL STATIONS giand cancelling the false alert on each of the radio-telewhich the HF DSC was sent:• 4125 kHz• 6215 kHz• 8291 kHz	Status          Yes	Remarks         us sent:
False alert sent on HF DSCHF DSC reset immediatelyAlert cancelled on the HF DSC distress frequencies of• 4207.5 kHz• 6312 kHz• 6312 kHz• 12577 kHz• 16804.5 kHzBroadcast message transmitted to ALL STATIONS gi and cancelling the false alert on each of the radio-tell which the HF DSC was sent:• 4125 kHz• 6215 kHz• 8291 kHz• 12290 kHz	Status          Yes	Remarks         as sent:

Details of the false alert and actions to cancel the alert recorded	Yes	
False alert sent via SES	Status	Remarks
Distress priority message sent to cancel the distress alert to the appropriate rescue co-ordination centre (RCC) via coast earth station (CES) through which the false distress alert was sent	Yes	
Details of the false alert and actions to cancel the alert recorded	Yes	
False alert sent on EPIRB	Status	Remarks
EPIRB reset immediately	Yes	
Nearest coast station or an appropriate CES or RCC contacted and distress alert cancelled	Yes	
Details of the false alert and actions to cancel the alert recorded	Yes	