

## B3 FAMILIARISATION WITH BRIDGE EQUIPMENT

<b>Compass and Heading Devices</b>	<b>Tick</b>
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	
<b>Radar and Radar Plotting Aids</b>	
Location and operation of radar(s) including operation performance monitors	
Operation of ARPA (or other plotting aids)	
<b>Echo Sounder</b>	
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)	
<b>Speed and Distance Logs</b>	
Location and operation of speed logs	
Location and operation of speed log repeaters	
<b>GMDSS (including Maritime Safety Information)</b>	
Location and operation of GMDSS station, isolation of aerials, location of batteries/back-up power	
Location and operation of VHF/MF/HF equipment (including 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 routing program	
Location of spare paper for weather fax receiver	
Location of the GMDSS log	
Location and operation of EPIRB	
<b>Position Fixing Systems</b>	
Location and operation of GNSS	
Location and operation of terrestrial radio-navigation systems	
Location of antenna(s)	
<b>General Bridge Equipment</b>	
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	

<b>Internal Communications</b>	
Location and operation of internal communications	
Location and operation of emergency internal communications	
<b>Propulsion and Steering</b>	
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 indicator	
<b>Orders and Logs</b>	
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	
<b>Passage Planning and Monitoring</b>	
Location of passage plan for proposed/current passage	
Location of charts for proposed/current passage	
Completion of ECDIS familiarisation (see Checklist B4)	
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 digital and/or hard copies	
<b>AIS</b>	
Location and operation of AIS	
<b>Alarm Systems</b>	
Location and operation of BNWAS	
<b>Voyage Recording</b>	
Location and operation of VDR or S-VDR	
Recovery/saving data 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	
<b>Navigation Lights, Shapes and Signalling Equipment</b>	
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	

<b>Emergency Equipment and Security</b>	
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	
<b>Other</b>	

Bridge Team Member: ..... Date: .....

Master's Signature: ..... Date: .....

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