

Familiarization With Bridge Equipment

To be used for newly joining Deck
Officers familiarization

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BRIDGE CHECK LIST				
Familiarization with bridge equipment				
A.	Compass and Heading Devices	Y	N	N/A
1.	Location and operation of the standard magnetic compass and azimuth mirror.			
2.	Date of last compass swing.			
3.	Location of deviation card and compass error log.			
4.	Location and operation of magnetic off-course alarm.			
5.	Location and operation of the TMC control unit.			
6.	Location and operation of gyro compass, repeaters and azimuth mirrors.			
7.	Gyro compass error.			
8.	Location and operation of off-course alarm.			
B.	Radar and Radar Plotting Aids			
9.	Location and operation of radar(s) including operation performance monitors.			
10.	Operation of ARPA (or other plotting aids).			
C.	Echo Sounder			
11.	Location and operation of echo sounding devices.			
12.	Location of echo sounder repeaters.			
13.	Location of echo sounder spares and spare recording paper (if not digital unit).			
D.	Speed and Distance Logs			
14.	Location and operation of speed logs.			
15.	Location and operation of speed log repeaters.			
E.	GMDSS (including Maritime Safety Information)			
16.	Location and operation of GMDSS station, isolation of aerials, location of batteries / back-up power.			
17.	Location and operation of VHF/MF/HF equipment (including DSC).			
18.	Location and operation of ship earth station (SES).			
19.	Location and operation of NAVTEX receiver.			
20.	Location and operation of weather fax receiver and any weather routing program.			
21.	Location of spare paper for weather fax receiver.			
22.	Location of the GMDSS log.			
23.	Location and operation of EPIRB.			
F.	Position Fixing Systems			
24.	Location and operation of GNSS.			
25.	Location and operation of terrestrial radio-navigation systems.			
26.	Location of antenna(s).			
G.	General Bridge Equipment			
27.	Location and operation of the chronometer, master clocks system and stopwatch.			
28.	Location of compass error log.			
29.	Location of binoculars.			
30.	Location of sextant(s).			
31.	Location of log books.			
32.	Location and operation of bridge windscreen wipers and clear view screens including water wash.			
33.	Location and operation of meteorological equipment.			
H.	Communication			
34.	Location and operation of internal ship communication facilities including: • Portable radios. • Emergency "battery less" phone system. • Public address system.			
35.	Location and operation of emergency internal communications.			
I.	Propulsion and Steering			
36.	Location of maneuvering characteristics information and data.			
37.	Location and operation of engine telegraph.			
38.	Location and use of engine movement recorder.			
39.	Location and operation of thruster controls.			
40.	Operation of steering gear, including manual, auto-pilot and emergency steering changeover and testing arrangements, and emergency steering systems.			
41.	Location and use of rate of turn indicator.			
J.	Orders and Logs			
42.	Location and content of the SMS and Master's Standing Orders.			
43.	Location of Master's daily/night orders.			
44.	Location and content of instructions for unmanned spaces.			

This checklist should be placed in the bridge & completed for the Familiarization of newly joining Deck Officers.

BRIDGE CHECK LIST				
Familiarization with bridge equipment				
K.	Passage Planning and Monitoring			
45.	Location of passage plan for proposed / current passage.			
46.	Location of charts for proposed / current passage.			
47.	Completion of ECDIS familiarization (if applicable).			
48.	Location of navigational - hydrographic publications, lights lists, radio signals, digital and / or hard copies.			
49.	Location and operation of chart management system.			
50.	Location of navigation warnings and weather information.			
51.	Location of Notices to Mariners digital and / or hard copies.			
52.	Automatic track-keeping system, if fitted.			
53.	ECDIS (primary and secondary) and electronic charts.			
54.	IBS functions, if fitted.			
L.	AIS			
55.	Location and operation of AIS.			
M.	Alarm Systems			
56.	Location and operation of BNWAS.			
57.	Alarm set on bridge.			
58.	Operation of Ship Security Alert Equipment.			
N.	Voyage Recording			
59.	Location and operation of VDR or S-VDR.			
60.	Recovery / saving data from data VDR or S-VDR.			
61.	Location and operation of bridge audio recording system.			
62.	Location and operation of the course recorder.			
63.	Location of spare recording paper for course recorder, and other spares (if electro mechanical).			
64.	Location of LRIT equipment.			
65.	Location of bridge procedures manual, SMS and ship specific procedures.			
O.	Navigation Lights, Shapes and Signaling Equipment			
66.	Location and operation of navigation and signal light controls and alarm panel.			
67.	Location of bridge operated deck lighting.			
68.	Location of spare bulbs for navigation lights and equipment.			
69.	Location and operation of daylight signaling lamp.			
70.	Location of mains sockets and batteries.			
71.	Understand the recharging procedure for back-up battery supplies.			
72.	Location of flags, shapes and manual sound signaling apparatus.			
73.	Location and operation of sound signaling panel and sound signaling apparatus including: <ul style="list-style-type: none"> • Whistles. • Fog bell and gong system. 			
74.	Location and operation of searchlights and Morse light.			
P.	Emergency Equipment and Security			
75.	Location of muster point information.			
76.	Location and operation of LSA equipment including pyrotechnics, SART.			
77.	Location of spare lifejackets.			
78.	Location of man overboard lifebuoys and methods of release.			
79.	Location and operation of fire detection and alarm panel.			
80.	Location of fire and general alarm activation points.			
81.	Location of emergency fan stop.			
82.	Location of watertight door remote controls.			
83.	Location of emergency fire pump(s) stop / start and ventilation.			
84.	Location of counter-piracy equipment.			
85.	The operation of emergency arrangements in the event of main power failure has been studied and fully understood.			
Q.	Other			

Date:	Nav. Officer:	Master:
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