

SMM 7.1.2.1 Bridge Pre Departure Checklist

Bridge Pre Departure Checklist

Port: _____ Date & Time Completed: _____

Watch Officer/ Signature: _____

- ☐ **STBD RADAR:** Energized, heading align, heading input: CMPS. Set range. Verify speed input: GPS. Mode: NU, RM. Vectors: TM.
- ☐ **Port RADAR:** Energized, heading align, heading input: CPMS. Set range. Verify speed input: GPS. Mode: NU, RM. Vectors: TM.
- ☐ **ECDIS #1:** Position verified, departure route loaded, user map (if applicable) loaded, appropriate layers enabled, course vector set, alarm setting verified.
- ☐ **ECDIS #2:** Position verified, departure route loaded, user map (if applicable) loaded, appropriate layers enabled, course vector set, alarm setting verified.
- ☐ **GPS #1:** Verify operation.
- ☐ **GPS #2:** Verify operation.
- ☐ **Gyro System:** Verify operation. Check repeaters on centerline, port/stbd bridge wings.
- ☐ **D.P. System:** Verify in standby mode, heading input, position inputs, rate of turn, thruster conning display.
- ☐ **Auto Pilot:** Verify heading, speed, normal settings and work profile.
- ☐ **Doppler Speed Log:** Verify operation, repeater on.
- ☐ **Echo Sounder:** Scale, gain, alarm setting, display mode (night/day), repeater on.
- ☐ **A.I.S.:** Confirm operation, set destination, Nav status, ETA to destination, P.O.B., draft.
- ☐ **Navigation Lights:** Verify operation, set appropriate lights
- ☐ **Whistle:** Verify operation on: overhead, BCC, PBW, SBW.
- ☐ **General Alarm:** Verify operation.
- ☐ **Public Address System:** Verify operation.
- ☐ **GMDSS:** Complete GMDSS Pre Departure form.
- ☐ **VHF:** VHF #1, 2, 3: Set to appropriate channels.
- ☐ **Anchors Cleared:** Anchors clear.
- ☐ **Pilot Card:** Pilot card information filled out.
- ☐ **Stern Thruster Rotation:** Take control of stern drives. Start on port, rotate at 90° increments thru 360° CW and CCW. Confirm with engineer. Repeat on stbd drive.
- ☐ **Stern Propulsion:** Oppose thrusters, 'bump' RPMs to approx. 20 RPMs at same time.
- ☐ **Bow Thruster:** Take control on BCC. Rotate at 90° increments thru 360°, CW and CCW. Confirm with engineer. Place on continuous rotation and test RPMs. Let rotate 360°.
- ☐ **EOT:** Test port/stbd bells in sync, going up then down. Confirm with engineer.
- ☐ **ECR Gyro:** Confirm Gyro heading with ECR.
- ☐ **ECR Comms:** Test on phone, sound powered phone, and UHF.
- ☐ **Sync Clocks:** Confirm time and test complete with with ECR.
- ☐ **Wing Stations:** *Not part of ECR gear test* Confirm thruster operation on wing stations.

Deficiencies: _____