This Checklist is to be completed for newly joining Deck OOWs onboard as follows - for ECDIS used:

* as primary means of navigation - before taking over a navigational watch
* as a secondary means of navigation - within the first 7 days of joining

This training is to be guided by a competent onboard Navigating Officer fully conversant and experienced with the equipment in use, using manufacturer’s guidance and supervised and approved by the Master

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| **DECK OFFICER’S NAME** | **VESSEL NAME** | **ECDIS MANUFACTURER** | **ECDIS TYPE** |
|  |  |  |  |
| **RANK** | **VESSEL FLAG** | **ECDIS Primary or Secondary Means of navigation?** | **ECDIS Flag Approved (Y/N)?** |
|  |  |  |  |

| **OPERATION** | | **NOTES / REMARKS** | **COMPLETED** |
| --- | --- | --- | --- |
| **Part 1 - Initial Preparation** | | | |
| 1.1 | Identify the primary ECDIS equipment, passwords required and the facilities for back­up. |  |  |
| 1.2 | Describe the emergency procedures in the event of failure of the primary and secondary systems. |  |  |
| 1.3 | Identify the location of ECDIS user manuals |  |  |
| 1.4 | Manufacturer’s built-in familiarisation training package completed (where available)? |  |  |
| 1.5 | Locate base software and update CDs |  |  |
| 1.6 | Explain chart license procurement arrangements for this ECDIS. |  |  |
| 1.7 | Identify the position-fix systems that feed the ECDIS explain switching methods. |  |  |
| 1.8 | Identify other systems that feed the ECDIS such as radar, AIS, echo sounder etc and explain if ground / water / ship stabilized. |  |  |
| **Part 2 – Basic Operation** | | | |
| 2.1 | Explain how to switch the ECDIS on and off. |  |  |
| 2.2 | Demonstrate the general operation of the controls, switches, cursors and the access menu items. |  |  |
| 2.3 | Demonstrate methods for setting day/night viewing modes, brightness, and contrast. |  |  |
| 2.4 | Demonstrate how to switch between traditional and simplified symbols. |  |  |
| 2.5 | Demonstrate how to put equipment in route-monitoring mode and route-planning mode. |  |  |
| 2.6 | Demonstrate the methods for scrolling and zooming charts, setting the display to a particular scale, and toggling between base and standard displays. |  |  |
| 2.7 | Demonstrate how to check that information concerning own ship, such as dimensions and draft are correct |  |  |
| 2.8 | Demonstrate how to set the safety contour, safety depth and how to select two- or four­ colour contour mode. |  |  |
| 2.9 | Demonstrate how to select deep and shallow area display options. |  |  |
| 2.10 | Determine how to set all other safety alarm features. |  |  |
| 2.11 | Explain how alarms and other alerts are given by the ECDIS and the procedure needed to acknowledge them. |  |  |
| **Part 3 - Charts** | | | |
| 3.1 | Demonstrate how to access the chart directory and to identify whether charts are ENCs, RNCs or private data. |  |  |
| 3.2 | Demonstrate how to select a chart for display on the screen. |  |  |
| 3.3 | Demonstrate how to load base data and how to load a new chart licence key |  |  |
| 3.4 | Demonstrate how to check the update status of loaded charts and how to update charts using the cumulative updates provided. |  |  |
| 3.5 | If applicable, demonstrate how to apply non­cumulative / electronically-transmitted / manual updates. |  |  |
| **Part 4 – Navigation Tools and Functions** | | | |
| 4.1 | Demonstrate how to select and display the legend of general information of an object. |  |  |
| 4.2 | Demonstrate how zone of confidence (CATZOC) information can be displayed. |  |  |
| 4.3 | Demonstrate how to access the presentation library |  |  |
| 4.4 | Demonstrate how to view, add, edit and delete mariners’ notes. |  |  |
| 4.5 | Demonstrate how to access Marine Information Overlays (MIO) |  |  |
| 4.6 | Explain the “single operator action” needed to remove MIOs from the display. |  |  |
| 4.7 | Explain the ‘single operator action’ needed to set the standard display setting |  |  |
| 4.8 | Demonstrate how to use EBLs and VRMs |  |  |
| 4.9 | Demonstrate how to insert parallel index lines. |  |  |
| **Part 5 – Route Planning** | | | |
| 5.1 | Demonstrate how to load existing routes for editing and how to initiate a new route plan. |  |  |
| 5.2 | Demonstrate how to save route plans. |  |  |
| 5.3 | Demonstrate how to add, delete and adjust position of waypoints and critical points. |  |  |
| 5.4 | Demonstrate how to display time varying objects relevant for the planned voyage. |  |  |
| 5.5 | Demonstrate how to insert Maritime Safety Info, T&P notices and other relevant notes into the voyage plans. |  |  |
| 5.6 | Demonstrate Route Plan Checking? |  |  |
| **Part 6 – Route Monitoring** | | | |
| 6.1 | Demonstrate the single operator action that |  |  |
|  | selects the charted display of own ship’s position. |  |  |
| 6.2 | Able to toggle between North Up, Head Up, Course Up displays. |  |  |
| 6.3 | Where radar and AIS overlays are on the ECDIS, demonstrate switching of vector modes |  |  |
| 6.4 | Able to create time labels on ship’s track |  |  |
| 6.5 | Demonstrates familiarity with the route monitoring displays |  |  |
| 6.6 | Able to adjust the length of own ship’s vector and intermediate time mode. |  |  |
| 6.7 | Where applicable, can demonstrate how to use the ECDIS as the input to a track-keeping autopilot. |  |  |
| 6.8 | Demonstrate how to input a Line of Position to form the reference for an Estimated Position in case of GPS failure / Error |  |  |
| 6.9 | Demonstrate how to configure the ECDIS to use this reference (6.8) for subsequent EPs. |  |  |
| 6.10 | Demonstrate how to crosscheck accuracy of GPS derived position by means of visual bearing/celestial fixes. |  |  |
| 6.11 | Demonstrate how to use the review facilities of the voyage recorder mode |  |  |

This familiarity checklist relating to the operation of ECDIS, of the manufacturer and Type indicated above has been completed successfully

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| OFFICER’S SIGNATURE | MASTER’S | | DATE |
| NAME | SIGNATURE |
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*The original copy of this supplement is to be retained by the Seafarer with a photocopy kept onboard together with the Officer’s familiarization checklists in* [Operations](http://srv-glas301:82/Leisure/content/parent%20category%20topics/procedures_and_operations.htm) > [Ship Operations](http://srv-glas301:82/Leisure/content/parent%20category%20topics/procedures%20and%20operations/ship_operations.htm) > [Marine Operations](http://srv-glas301:82/Leisure/content/parent%20category%20topics/procedures%20and%20operations/deck_operations.htm) > Master and Deck Officer Familiarisation Programme *1B “Bridge & Deck Operations, Equipment and Systems”*

*Another copy is to be sent to the appropriate Crewing Office for insertion into the seafarer’s personnel files (Shipsure) ashore*