

## Attachment: Electronic Navigation Charts

### 1. Electronic Navigation Charts (ENC)

- (1) The ENC shall be issued by Hydro Offices authorized by Administration and made in accordance with the data bases of IHO standards.
- (2) Ship shall be provided with all ENC for navigation areas of engaged voyages.  
When ENC is not published and local charts requested by coastal states, ship shall be provided with paper charts appropriately or Raster Navigation Charts (RNC).
- (3) All chart information and symbols shall be displayed on the ECDIS.  
Latest IHO standards are as follows.

Standards	Edition
Specifications for Chart content and display aspects of ECDIS	S-52 Ed.6.1.0
Presentation Library (PL)	Ed.4.0
Test Data Sets	S-64 Ed.3.0

- (4) Company should instruct their ships about the procedures of chart inventory and updating for ENC in accordance with the ISM Code.
- (5) Latest information for ENC may be obtained from IHO web site.