



ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS (ECDIS) AND BACK-UP ARRANGEMENTS

Technical Notice SLS.9

*Notice to Shipowners, Ship Operators, Managers, Masters,
Owners' Representatives and Recognised Organisations*

Reference SOLAS 74, as amended, Chapter V Regulation 19.2.1.4, 19.2.1.5, 27 and IMO Resolution A.817(19) as amended.

Ships fitted with an Electronic Chart Display and Information System (ECDIS), type approved in accordance with relevant international standards, including IMO Resolution A.817(19), as amended, and with adequate back-up arrangements, are accepted as meeting the chart carriage requirements of SOLAS 74 Chapter V Regulation 27 when navigating within waters covered by Electronic Navigation Charts (ENC) officially issued by an authorised Hydrographic Office.

The following arrangements are accepted as fulfilling the back-up requirement:

1. an appropriate folio of up-to-date paper nautical charts; or
2. a second type approved ECDIS; or
3. a type approved electronic back-up arrangement for ECDIS mode of operation (using ENC).

Both the primary and secondary (alternative 2.) ECDIS shall be fully independent and both supplied from the ship's main and emergency source of power. In addition, a reserve power source (UPS mode) with a capacity of at least 30 minutes is to be provided if change-over of the source of power entails restarting of ECDIS.

For alternatives 2 and 3 above, an appropriate folio of up-to-date paper charts is to be available to enable the ship to safely reach a port within or adjacent to its trading areas when coverage by ENC is not available.

When paper nautical charts serve as the only back-up arrangement (alternative 1.), the charts shall include the planned route and, when navigating within restricted waters, the ship's position is to be regularly updated to ensure a safe take-over of ECDIS functions should the need arise.