

TECHNICAL CIRCULAR 180/2018

To: Owners, Technical Managers, Deputy Registrars, Fleet Managers and Surveyors

Subject: ECIDS (Electronic Chart Display and Information Systems (ECDIS))

Date: 26th June 2018

Summary

This Circular aims to inform technical managers about the requirements detailed in SOLAS Ch. V Regulation 19.2.1.4 and 19.2.10 with regard to the carriage of Electronic Chart Display and Information Systems (ECDIS).

Vessels, as below detailed, flying Cook Islands Flag engaged on international voyages shall be fitted with an Electronic Chart Display and Information Systems (ECDIS).

Applicability:

All cargo ships, other than tankers, of 10.000 Gross Tonnage and upwards but less than 20.000 Gross Tonnage **constructed before 1 July 2013**, engaged on international voyages shall be fitted with ECDIS system not later than the first survey **on or after 1 July 2018**.

Required Actions:

Vessels requested to have the ECDIS installed on board, shall comply with the following requirements:

- ECDIS installed **before 1 January 1999** shall to performance standards set out in [IMO resolution A.817 \(19\)](#);
- ECDIS installed **on 1 January 1999 and before 1 January 2000** shall conform at least to the performance standards set out in [IMO Resolution A.817 \(19\)](#), as amended by [Resolution MSC.64 \(67\), Annex 5](#);
- ECDIS installed **on or after 1 January 2000** shall conform to performance standards not inferior to those set out in [IMO Resolution A.817 \(19\)](#), as amended, and [Annex 4 to IMO Resolution MSC.86 \(70\)](#);
- ECDIS installed **on or after 1 January 2009** shall conform to performance standards not inferior to those specified in the Annex to the [IMO Resolution MSC.232 \(82\)](#).

Ship-owners and Technical Managers of vessels flying Cook Islands Flag are kindly requested to follow the instructions stated in [IMO MSC.1/Circ.1503/Rev.1 "ECDIS – Guidance for good practice"](#).

Cook Islands Flag Administration is also recalling **MCI Circular 139/2016**, specifically for all the seafarers (Masters and OOW) certified under Ch. II of the STCW Convention, who must have undertaken appropriate generic ECDIS training,

and, additionally manufacturer approved equipment-specific training.

Instruction to surveyors

Maritime Cook Islands surveyors and appointed surveyors of Recognised Organisations acting on behalf of Cook Islands Flag Administration shall check and collect, while carrying out the first survey (annual / periodical / renewal), whichever occurs earlier (related to *Cargo Ship Safety Equipment* and *Passenger Ship Safety* certificates) at least the followings:

- ECDIS Type Approval Certificate in compliance with the applicable IMO Resolutions and performance standards, as above detailed;
- Connection to emergency source of electrical power, gyro compass, speed log and GPS receiver;
- Display of latest Electronic Navigational Chart (ENC) database, issued by an authorised Hydrographical Office, and conform to IHO applicable standards (IHO S-52, IHO S-64 and IEC 61174).
- An up-to-date list of all the relevant IHO standards relating to ECDIS equipment can be accessed from the IHO website (www.iho.int);
- The back-up arrangements of the ECDIS.
- When navigation charts (hard copies) are supplied as backup, the charts shall need to be updated.
- Certificate of attendance of the generic ECDIS training hold by Master and OOW(s).

The Circular is to be kept onboard in the Circular Compilation