



**International Hydrographic Organization**

## **ECDIS Stakeholders' Forum**

**Vice Admiral Alexandros Maratos**  
**President IHB**



# Resolutions and Obligations related to ENCs and ECDIS

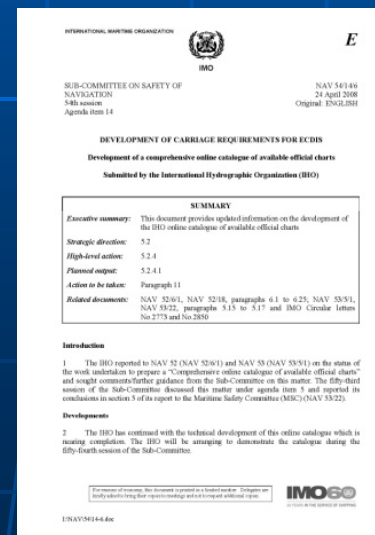
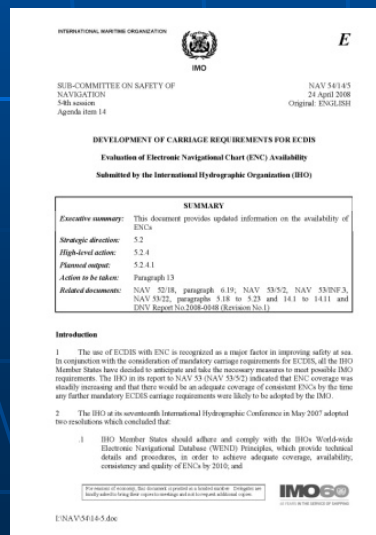




# IMO NAV 54

## IHO Submissions:

- NAV54/14/5 – Status of ENC Coverage
- NAV54/14/6 – Status of IHO Chart Catalogue





# Governmental Obligations

## SOLAS VI/9 - *provision of hydrographic services*

*..... collection and compilation of hydrographic data and the publication, dissemination and keeping up to date of all nautical information necessary for safe navigation*

### *Means:*

- surveying and data collection*
- publication of charts and nautical publications*
- chart maintenance, updating*
- providing Maritime Safety Information (MSI)*



# Governmental Obligations

SOLAS VI/9 - *provision of hydrographic services*

*Can be achieved :*

- *directly via government*
- *through bi-lateral assistance from other States*
- *using commercial providers*
  - *in whole or in part*
  - But - *responsibility and obligation remains with Coastal State Government*



# Governmental Obligations

## ■ SOLAS V/2 –

- *Nautical chart or nautical publication* is a special-purpose map or book, or a specially compiled database from which such a map or book is derived, that is issued officially by or on the authority of a Government, authorized Hydrographic Office or other relevant government institution and is designed to meet the requirements of marine navigation\*.

\*

Refer to appropriate resolutions and recommendations of the International Hydrographic Organization concerning the authority and responsibilities of coastal States in the provision of charting in accordance with regulation 9.



# Governmental Obligations

## UN Resolution A/58/240

*“Invites the International Hydrographic Organization and the International Maritime Organization to continue their coordinated efforts, to jointly adopt measures with a view to encouraging greater international cooperation and coordination for the transition to electronic nautical charts and to increase coverage of hydrographic information on a global basis, especially in areas of international navigation and ports and where there are vulnerable or protected marine areas.”*



# Governmental Obligations

## IMO Resolution A.958(23)

*"Invites Governments, in addition to their existing obligations under SOLAS Regulation V/9, to promote through their national maritime administrations, the use of ECDIS together with the use and further production of official ENC's."*





# IHO Commitment to ENC's

IHO Resolution - May 2007 :

ENC Coverage Availability Consistency and Quality

*Member States should adhere and comply with the WEND Principles in order for the IHO, through its Member States, and the regional and worldwide bodies in which they come together, to achieve adequate coverage, availability, consistency and quality of ENC's by 2010*



## Outcome of NAV 54

Adopted the following definition:

*ENC coverage - is equivalent to the best available paper chart coverage of either a hydrographic office providing global coverage or the hydrographic office of the coastal State*

Recommended:

Phased introduction of a mandatory carriage requirement for ECDIS between 2012 and 2018 - depending on class of ship and tonnage

Recommended:

States may grant exemption for ships due for retirement within 2 years of the relevant implementation date



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