

# ECDIS Forum

## The Shipowners' Perspective

James Langley, Senior Adviser  
(Marine Operations), ICS

IHO Stakeholders Forum  
September 2012



# International Chamber of Shipping

- ICS is an International Trade Association representing all sectors and trades in the maritime industry
- All technical, legal and policy issues that may have an impact on international shipping
- Founded in 1921



# ICS AND ISF

- Member national shipowners' associations cover 80% of world fleet, all sectors and trades
- ISF and ICS produce a number of technical publications, with the aim of promoting industry best practice



# Main ECDIS Considerations

- Mutual Responsibility
- Training
- Information Dissemination
- Global Coverage
- New Structure and Mechanism?
- What could IHO be doing next?



# Mutual Responsibility



Existing  
ECDIS fully  
IMO  
Compliant



New  
Standards  
not  
backwards  
compatible



Port State  
Control  
Problems

ECDIS  
in use



ENC Error



Accident?

ECDIS  
in use



Software/  
Hardware  
Problem



Accident?

ECDIS  
installed



Incorrect  
Use



Accident?

# Mutual Responsibility

- Shipping industry is concerned that there are moves to no longer accept existing standards if they cannot be upgraded to display latest IHO data set
- Important principle of grandfathering that needs to be retained
- Consequence of such a loss will lead to fewer early adopters and perhaps more animosity
- Removal of the principle is not the best solution for all interested parties to any problem





# Mutual Responsibility

- Too much guidance?
- Too many rules?
- Let's try and keep it simple

Rulefinder Version 9.14 (July 2010) - Statutory Documents

Hide Back Print Options

Contents Search Favorites

Type in the word(s) to search for:

ECDIS

List Topics Found: 112

Title	Location	R
11 Route Planning, Monitoring and Voyage Recording	Rulefinder Version 9.14 (July 2010) - Statutory Documents	1
Annex 5 - Amendment to Resolution A.817(19) - Performance Standards for Electronic ...	Rulefinder Version 9.14 (July 2010) - Statutory Documents	2

Select topic:

- 7 Operational Displays
- 1 Scope of ECDIS
- 5 Display of SENC Information
- 4 Provision and Updating of Chart
- 2 Application of these Standards
- 3 Definitions
- Annex - General Principles and R
- 15 Connections with Other Equipr
- 14 Backup Arrangements

www.ecdisregs.com

# ECDIS regs.com

What are

All IMO IHO IEC ICA CHOOSE OTHER AUTHORITY:

showing 1 to 10 of 114 results | next show 10 results by publication date descending

INTERNATIONAL STANDARD IEC 60945 (4)



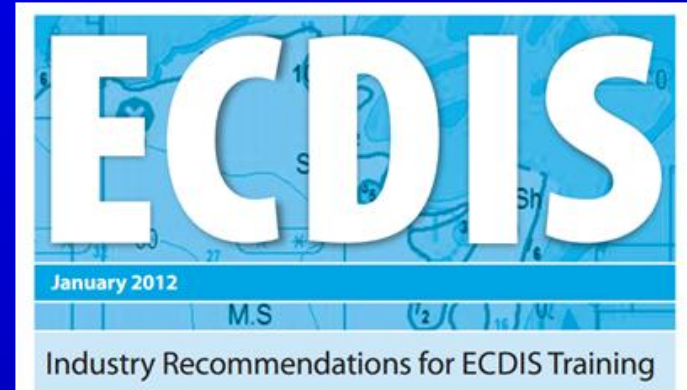
# Main ECDIS Considerations

- Mutual Responsibility
- Training



# Training

- Robust Generic Training
- Familiarisation



**IMO**  INTERNATIONAL MARITIME ORGANIZATION **E**

---

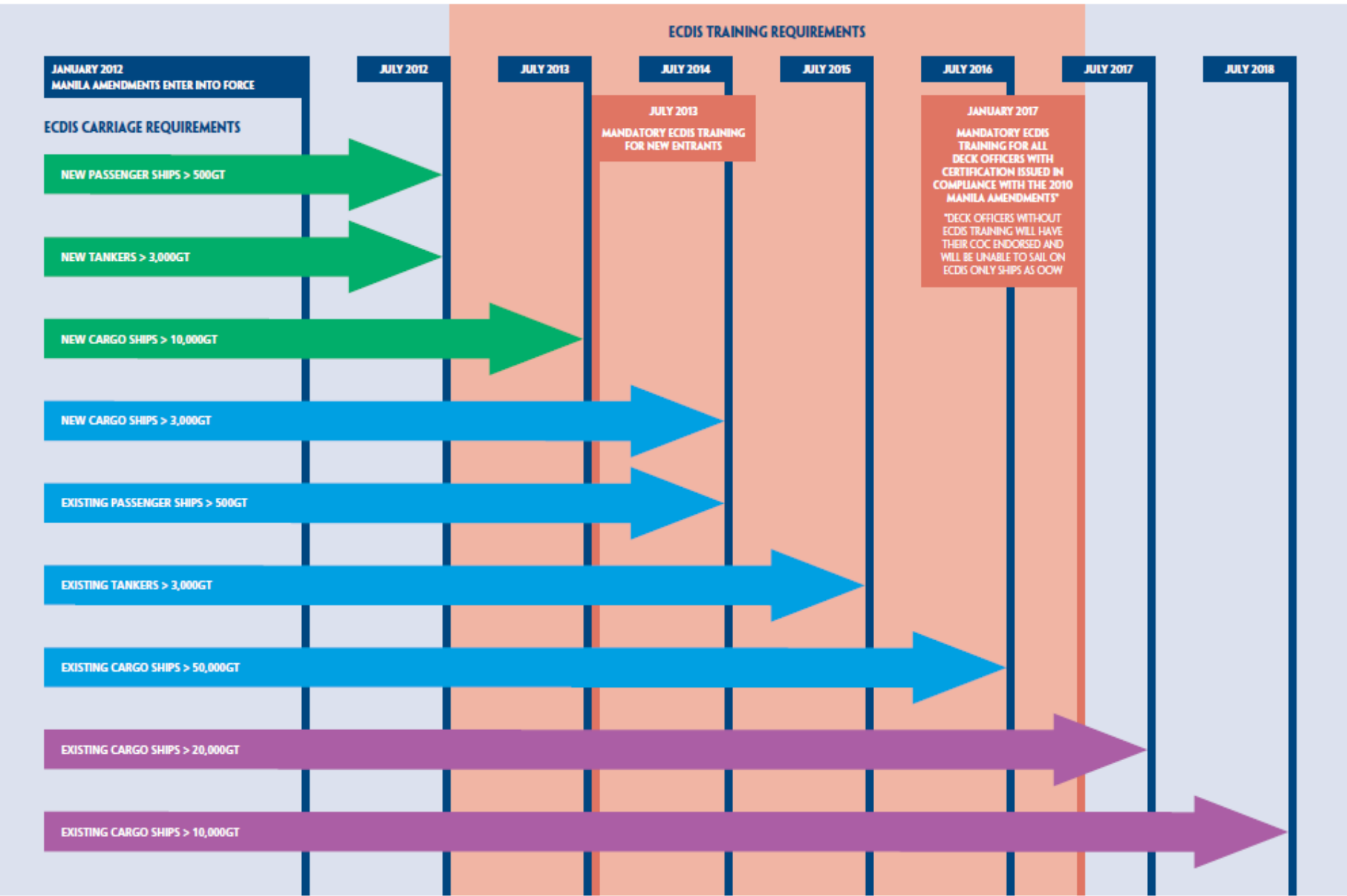
4 ALBERT EMBANKMENT  
LONDON SE1 7SR  
Telephone: +44 (0)20 7735 7611 Fax: +44 (0)20 7587 3210

STCW.7/Circ.18  
22 May 2012

**ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS (ECDIS) TRAINING**



# IMO ECDIS CARRIAGE AND TRAINING REQUIREMENTS



# Main ECDIS Considerations

- Mutual Responsibility
- Training
- Information Dissemination



# Information Dissemination

- Do existing mechanisms work?
- Example:
  - IHO ENC Data Presentation and Performance Check



**Did we get information to ships expediently?**

**Can we work better together to disseminate information more effectively?**

**Ship and User?**

**Do IHO (and IMO) documents/content get to ships?**



# Main ECDIS Considerations

- Mutual Responsibility
- Training
- Information Dissemination
- Global Coverage

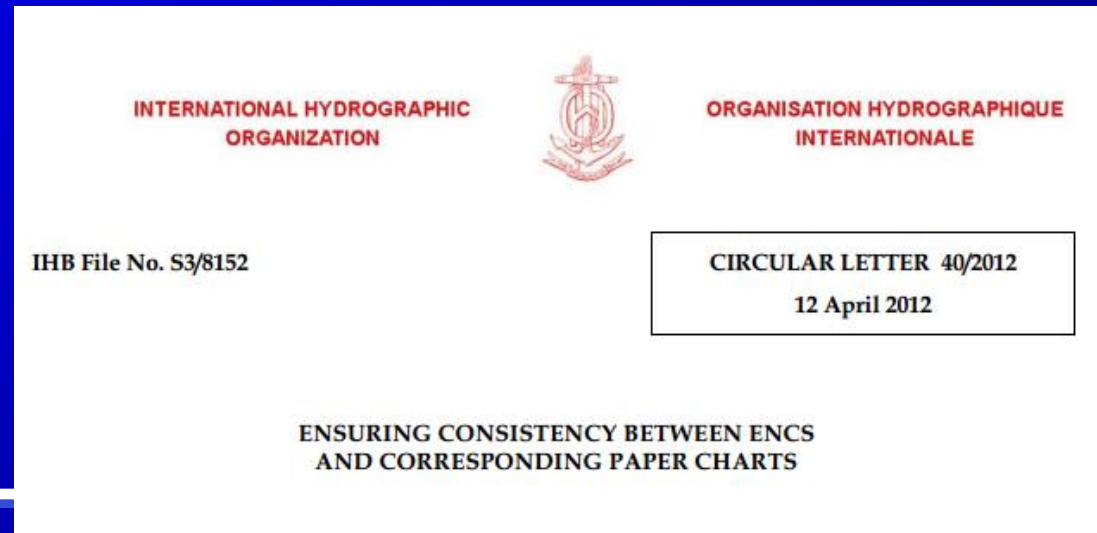


# Global Coverage

We all have responsibilities:

- SOLAS V/19 and V/27 for the ship
- SOLAS V/4 and V/9 for Governments

**Need to ensure global coverage that is uniform:**





# Global Coverage

- Do we have global ENC coverage?
- Do we have different interpretations of global coverage?
- Difficult to find accurate information on coverage
- Google “Global ENC Coverage”
- The results suggest we have it...
- Can we work together more to identify gaps and also uniformity issues between paper and ENCs?

# Main ECDIS Considerations

- Mutual Responsibility
- Training
- Information Dissemination
- Global Coverage
- **New Structure and Mechanism?**



# New Structure and Mechanism?

- Is it time to change the way things are done?
- Electronic Chart implementation is an opportunity to assess the effectiveness of the current structure and mechanism for charts:
  - Producers
  - Authorisers
  - Sellers
  - Quality control

Is there a need for more (central) quality control?

Opportunity for all stakeholders to look at the system and its effectiveness

# Main ECDIS Considerations

- Mutual Responsibility
- Training
- Information Dissemination
- Global Coverage
- New Structure and Mechanism?
- What could IHO be doing next?



# What could IHO be doing next?

- IHO ENC Data Presentation and Performance Check
  - Build on this success and develop a Permanent Data Presentation and Performance Check?
- Take stock of response to ECDIS operating anomalies and develop/ensure solutions are in place that will prevent similar problems in future



# Thank you

[James.Langley@ICS-Shipping.org](mailto:James.Langley@ICS-Shipping.org)

[www.ics-shipping.org](http://www.ics-shipping.org)

