

Report of the ENCWG

Presented by Richard Fowle
Vice - Chairman of IHO ENC Standards Maintenance
Working Group



Activities and Achievements

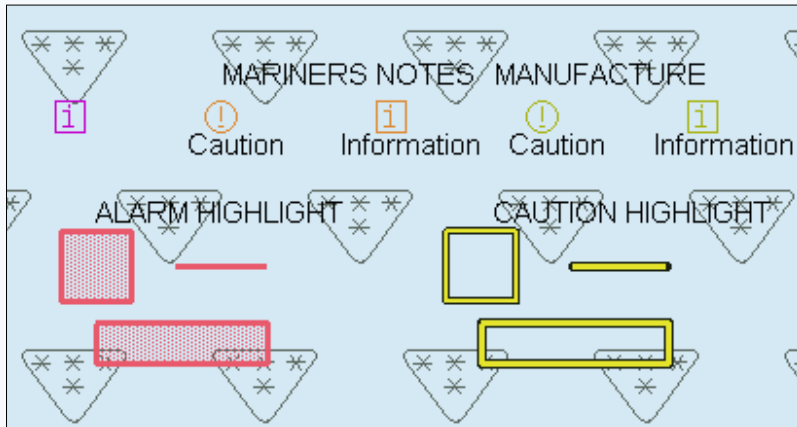
- Meeting Wollongong Australia April 2018



Principal activities for 2019

- S-52 Presentation Library edition 4.0.3 Clarifications

Remove M_QUAL from ECDIS Chart 1 ENC's



Incorrect SYMINS attribute TX('MANUFACTURE'S FEATURES',3,2,2,'14109',0,0,CHBLK,11)

Incorrect light descriptions displayed in screen shots



Principal activities 2019

- S-58 edition 6.1.0
 - S-58 Edition 6.0.0 contained errors and required a correction
 - S-58 edition 6.1.0 was prepared by the ENCWG for HSSC
 - Following MS approval S-58 edition 6.1.0 published Sept 2018
 - Implementation date 01 September 2019 (CL47/18)



Principal activities 2019

- S-58 ‘Critical’ checks Test data
 - Contract awarded to IIC to create Test Data sets to support the mandation of S-58 ‘Critical’ checks
 - 34 Test data sets and associated documentation created.
 - Data that will trigger all 137 ‘Critical’ checks.
 - Currently undergoing final review before general release



Principal activities for 2019

Guidelines for the standardization of user interface design for navigation equipment formerly know as S-Mode

- NCSR 6 have approved the following document
- MSC 101 should adopt it in June 2019. The IMO document is NCSR 6 WP.4



Principal activities for 2019

Formation of the HD-ENC Sub WG. Production guidance added to draft Annex of S-65, circulated to group for comments. To be presented at Bathymetry workshop in Hamburg



ECDIS with original ENC defaults to 30m contour



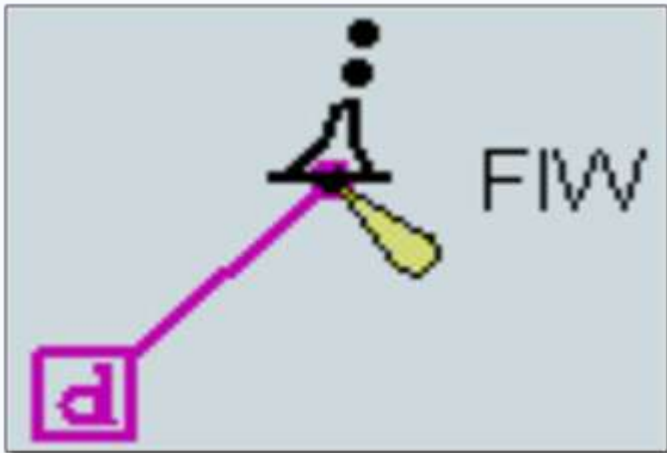
ECDIS with Band 6 high density ENC defaults to 22 m contour



Problems or outstanding issues

HSSC 8/28 T&P NMs in ENC

New guidance document for PSC Inspectors and Mariners



IHO to provide examples of encoding to encourage HOs to encode T&P information as ENC updates



Problems or outstanding issues

Cyber Security New edition of S-63?

- It is proposed that the following additional files in an encrypted ENC exchange set have their own digital signature files.

| | |
|--------------|------------|
| CATALOG.031 | MEDIA.TXT |
| README.TXT | PERMIT.TXT |
| PRODUCTS.TXT | SERIAL.TXT |
| STATUS.TXT | |

- An option under consideration is for a data server lite. This would allow ENC distributors to sign the files above without the need to create permits. This would require new data server lite participants to register with the IHO.



Next meeting

- IHO Secretariat Monaco 10-12 June 2019

