

ic-enc

International Centre for Electronic
Navigational Charts

NOAA Progress

- ▶ Attended 2015 Steering Committee
 - Accepted as member
 - Data will remain free/current agreements continue
 - NOAA will provide two full time validators
 - NOAA will provide technical expertise to IC-ENC
 - ENC Online
 - AIS Data/some analysis
 - Technical assistance to Esri MS
- ▶ Two NOAA employees trained for 3 full months
- ▶ One NOAA employee attended workshop

NOAA Progress

- ▶ Workflow is being built
- ▶ NOAA validation will begin soon
- ▶ NOAA data will be loaded into IC-ENC system later this month

Contents

- ▶ IC-ENC Validation
 - IC-ENC Processes
 - Validation Tools
 - Validation Report
 - ENC Co-ordinating

- ▶ IC-ENC Production Support

IC-ENC Validation

IC-ENC does not edit or modify the data provide by the HO, the ENC remains the property and responsibility of the producing nation at all times

- ▶ **Software analysis and testing**
 - Assessment of errors
 - Exchange set checks

- ▶ **IC-ENC validation team expertise**
 - Consistency Checks
 - ECDIS Checks

Data Management Database

- ▶ Used to register and monitor data
- ▶ Collates and automatically classifies errors produced from validation software
- ▶ Aids in production of weekly exchange set

The screenshot displays the IC-ENC Data Management Data base interface. The record details are as follows:

CELL:	TR20022A.000	EDITION:	2	ISSUE DATE:	17/12/15	DMD ID	86963
CELL TITLE:	Kuşadası Körfezi - Rodos (Bay of Kuşadası - Rodos)						
SOUTH:	36.1545103	Cancelled	<input type="checkbox"/>	RECEIVED:	24-Feb-16	DUE:	02-Mar-16
WEST:	24.49955			VALIDATED:	01-Mar-16	TIME:	Up to 2 hours
NORTH:	37.9990158			VALIDATOR:	Laura Tyzack		
EAST:	27.7995164			STATUS:	PASSED VALIDATION		
SCALE:	350,000	Q Factor:	0.6	FEEDBACK:	IMPROVEMENTS (NON CRITICAL)		
CRC:	C6F44420			WEEK (yy/ww):	16/09		
TXT FILES:	0						
Follow Up Required	<input type="checkbox"/>	By:		ACTION:	-		
COMMENTS:	Customer Feedback CIP Record 117 - Please inform SDV of receipt and release. Please review for correction of Customer Feedback.						

Navigation buttons at the bottom include: Check Errors, P007, Previous P007, Email, COUNTRY INFO, CELL INFO, TICK LIST, Add, and Australia.

Record navigation: Record: 14 | 59049 of 59329 | No Filter | Search

IC-ENC Errors Database

Back to Site | ERRORS



List

ERR_SPEDGE]
ERR_WRONG_USAGE]
Error (3, 2)
Error (3, 9)
Error (5, 2)
Error (5, 4)
Error (5, 5)
Error (5, 6)
Error (5, 9)
Error (5,10)
Error (6, 2)
Error (6, 4)
Error (6, 6)
Error (6, 7)
Error (6, 8)
Error (6, 9)
Error (6,10)
Error (6,11)
Error (6,13)
Error (6,15)

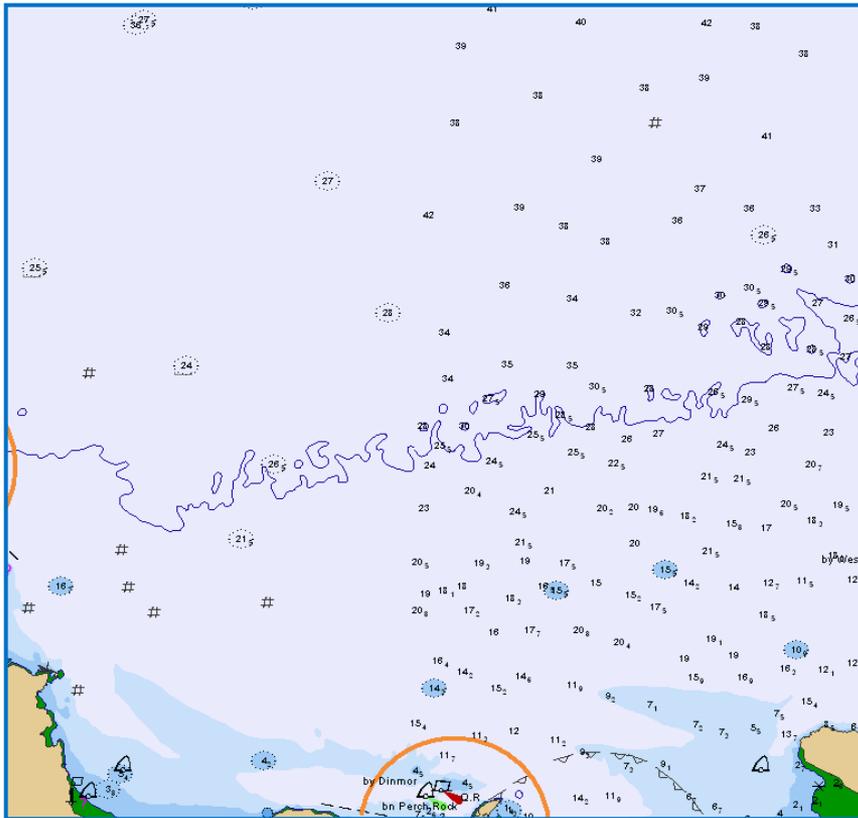
ERROR	Error (5, 5)	source	TRANSAS ECDIS
EXAMPLE	Error (5, 5) in object FE0000001987 (class HULKES) at hex offset 00001663: Inadmissible attribute in object: CONDTN.	TYPE	HO MUST CORRECT / HO SHOULD CORRECT
DESCRIPTION	HO TO CORRECT: Any incorrect object/attribute value combination that has a detrimental affect on the product.	Error_explanat...	An apparently invalid attribute has been
Impact_Assess...	Variable impact depending on attribute, object and navigational importance of the actual object.	DESCRIPTION...	HO MUST CORRECT: Any incorrect object/attribute value combination that may lead to a potential dangerous situation. E.g unreadable DR
User_impact	Variable, depending on the attribute in question. If the attribute is illegal or unreadable this may affect the ECDIS display / interrogation of the object.	Validator_Notes	The original classification was FAIL / ERRONEOUS SEE EDBCF_08_124. When reviewing this error, look at the re object in the ECDIS to confirm that the
Ref	UOC 4.6.8	Required_action	If this error has been reported genuinely attribution of the object should be amen conform to the S-57 Standard. When assessing the error remember that there be other software test errors (both Dkart Analyzer) that refer more specifically to same problem. If so, use these other en
Cross_ref	VS57_ERR_RECFAIL	Cross_referenc...	
Object_Grouping	Attribution - all objects	c_list	
Last_Updated			

DESCRIPTION	DESCRIPTION...
HO TO CORRECT: If the encoded object class does not exist in S57 Appendix A (Object Catalogue) or its use is not permitted in S57 Appendix B.1 (ENC Product Specification)	HO MUST CORRECT: If the encoded object class does not exist in S57 Appendix A (Object Catalogue) Chapter 1 or its use is not permitted in S57 Appendix B.1 (ENC Product Specification)
Impact_Assess...	ERRONEOUS: If the encoded object class does exist in S57 Appendix A (Object Catalogue) Chapter 1 and its use is permitted in S57 Appendix B.1 (ENC Product Specification)

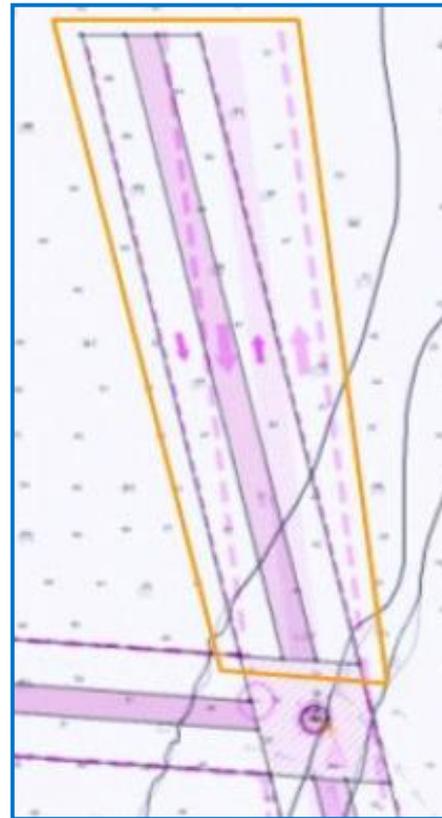


Made available to all members and production teams.

Consistency Checks



Horizontal comparison



Vertical comparison

The Validation Report

- ▶ A Validation Report is produced for every validated ENC file
- ▶ Created from the error classifications and decision making from validation
- ▶ Reports issues back to HO
- ▶ Can be tailored to the HO via the Partnership Agreement

IC-ENC form P007: Validation Report

Cell Information:
Cell Name - GR6DE001.000
Edition Number - 2
CRC - 9A51F25F

Validated by:
Name - Dan Garratt
Phone - (+44) (0) 1823 723389
E-Mail - therenc@ic-enc.org
Validation Date - 21/01/2014

VALIDATION CONCLUSION:
ACCEPTED FOR DISTRIBUTION pending confirmation from you on the following matters:
• Authorisation for release

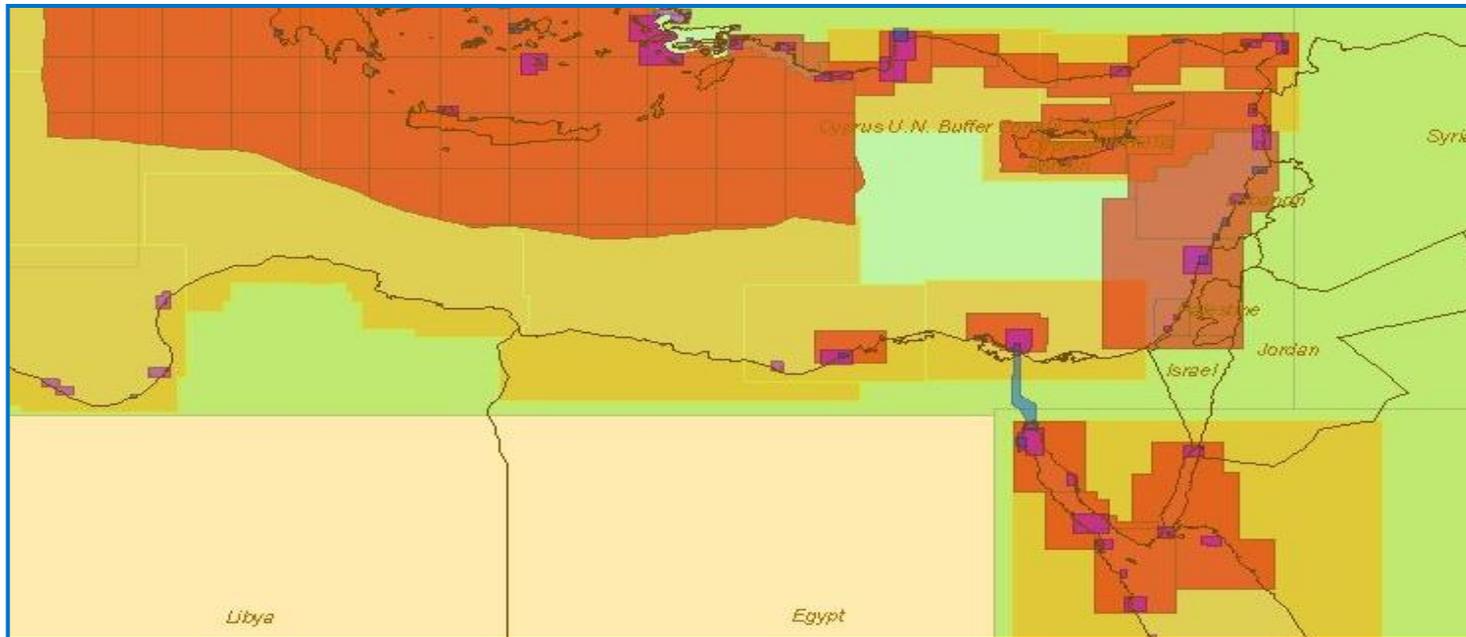
OBSERVATIONS REGARDING OTHER ENCs:
When validating this cell, the following issues have been identified with other adjacent ENCs, which we feel merits your attention when the relevant ENC is next reviewed:

GR3CFDE0
Please see screenshot 1 which shows that there have been extensions to the breakwaters within the harbour and coastline to the east of the harbour. Please consider updating GR3CFDE0 for these extensions.



Facilitating New Coverage

- ▶ IC-ENC act as coordinators for consistency between HOs in resolution of overlap and gaps
- ▶ Coordinate cancellation and replacement coverage on behalf of new members



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