

IHO CSMWG 16
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Use of FOULGND1 for WRECKS of CATWRK 3

IK 31	#	[F o u l]	<u>WRECKS</u>	<u>CATWRK</u>	3	P/A	6.2.1
				<u>EXPSOU</u>	1		
				<u>WATLEV</u>	3		
				<u>VALSOU</u>			
				<u>QUASOU</u>			
			<u>WRECKS</u>	<u>CATWRK</u>	3	P	6.2.1
				<u>EXPSOU</u>	1		
				<u>WATLEV</u>	3		
				<u>QUASOU</u>	2		

The above table represents an extraction of our internal recommendations for ENC-production based on digitalisation of paper charts and – other way round - the interpretation of the content of our Hydrographic Production Database for the purpose of digital paper chart production. For this particular case it contains S-57 encoding rules which are equivalent to the wrack status represented by chart symbol IK31 in paper charts.

However, the application of PresLib procedures to such wrecks provides different results. If the particular wreck is encoded without defining a value for VALSOU it is displayed by symbol:



If the encoding of the wreck contains a value for VALSOU, is displayed by symbol :



However, both options are not fully satisfactory in all cases. In paper charts its of common practice to use the IK 31 symbolisation even for cases where the depth is known, but:

- its a small non-dangerous foul ground only and show up of a particular depth value is not needed;
- the method of surveys does not give clear indication whether or not this foul ground is at the same level as the surrounding sea bed to 100%.
- In some cases it happens that a depth is known and it is in the database but it intentionally not shown in the paper chart for some reasons.

In both cases IK 31 would fully meets the purpose as described by INT1 which dedicates the symbol for wrecks non-dangerous to navigation but to be avoided by vessels anchoring.

The following adaptation of the current Preslib procedures is therefore suggested:

- For WRECKS of CATWRK: 3 and VALSOU: undefined or value known - designate FOULGND1 for display.
- Prepare a new entry for the TSMAD bulletin board ENC encoding guide to provide this as good encoding practice.

Holger Fasterding, BSH Rostock