



To do: Message maintenance must be elaborated. Either with message status, or with using format functions, or another way? Consider including a flow diagram to explain the process. (4)

To do: Consider if the development of a S-62 replacement can replace the current structure for capturing production agency. Likely to be a codelist maintained under the GI Registry.

To do: NW Metadata, consider S-100 standard set, which is ENC centric, should a smaller set of Metadata be proposed. Big motivating factor is that given the relatively small size of the regular NW, the current metadata might make up half the data volume.

To do: add implementation note to product specification stating that ECDIS (user system) should be able to filter in-force NWs according to a date included within periods of time of the dangers described in NWs.

added to permit text placements where such cartographic information can be helpful. Method replaces earlier attempts of the same function, but violated the S-100 GFM (attributes section).

Consider if best way to model no geometry is to leave the geometry attribute as optional (i.e. 0..\*).

20180212 - Added fixedDateRange with cardinality of 0..\* to permitted multiple intervals of information. 20180214 - split into NW and NM information parts to remove the graphics option from NW. 20180705 - removed S124\_NavigationalWarningInformationPart as it is no longer needed given the none geometry option for the S124\_NavigationalWarningFeatureType. Same change effected on NM parts

horizontalDatum added to permit individual NTM parts to have horizontal datums specific to the chart(s) they reference. affectedChartPublication added to permit individual NTM parts to reference specific chart(s).

«invariant» (warningInformation: At most 1 instance for each distinct language sub-attribute)

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«enumeration» S124\_warningType

local navigational warning = 1  
 coastal navigational warning = 2  
 sub-area navigational warning = 3  
 NAVAREA navigational warning = 4  
 NAVAREA no warning = 5  
 temporary notice to mariner = 13  
 preliminary notice to mariner = 14  
 miscellaneous notice to mariner = 15  
 permanent notice to mariner = 16  
 sub-area no warning = 6  
 coastal no warning = 7  
 local no warning = 8  
 NAVAREA in force bulletin = 9  
 sub-area in force bulletin = 10  
 coastal in force bulletin = 11  
 local in force bulletin = 12  
 temporary & preliminary notice to mariner in force bulletin = 17

can drive portrayal of border of area NW (25, 36)

Should the 'update' value be retained? (41)  
 Does repetition make sense in an ECDIS environment?

«enumeration» restriction

entry restricted = 8  
 entry prohibited = 7  
 area to be avoided = 14  
 stopping prohibited = 25  
 speed restricted = 27

«enumeration» S124\_referenceType

cancellation = 1  
 source reference = 2  
 repetition = 3  
 update = 4  
 in-force = 5

«enumerati... textJustification

left = 1  
 centred = 2  
 right = 3

Added values Temporary and Preliminary (2)  
 New name to harmonize style with other attributes

The list is very long. Considerations should be given to grouping these values and breaking it down into sub lists that are bound together by a complex attribute. An alternative is to accept the list to long and leave it to each implementation to the values as best suit the producer.

Should drive portrayal of central symbol. For localization of datasets, should be encoded as a code (or key) instead of plain text.

tags  
 codeListType = open enumeration  
 encoding = other: [something]