

TSMAD/DCEG Paper for Consideration by SNPWG

Communication Information Proposal

The 2nd DCEG sub group meeting recognised the need to include a complex attribute to replace the current structured text attribute COMCHA. This reflects that COMCHA currently only covers marine VHF radio communication and for S-101 other mechanisms need to be supported. A single complex attribute with sub attributes for different methods is a suitable approach.

SNPWG should be consulted as they have already modelled this information. An alternative approach would be an information type. This can then be referenced by multiple features avoiding duplication. Currently a complex attribute is considered most appropriate as different PILBOPs will generally have different contact details or callsigns.

1. New item

- Complex attribute – Communication information
- Simple attribute – VHF channel
- Simple attribute – Telephone number – taken from SNPWG FCD
- Simple attribute – Fax number – taken from SNPWG FCD
- Simple attribute – Email address – taken from SNPWG FCD
- Simple attribute – Website address – taken from SNPWG FCD

Bind this attribute to each feature that used COMCHA.

2. DCEG Wording

Features;

X.X Pilot boarding place

IHO Definition: PILOT BOARDING PLACE. A location offshore where a pilot may board a vessel in preparation to piloting it through local waters. (Defence Geospatial Information Working Group; Feature Data Dictionary Register, 2010).				
S-101 Geo Feature: Pilot boarding place (PILBOP)				
Primitives: Point, Surface				
<i>Real World</i>	<i>Paper Chart Symbol</i>		<i>ECDIS Symbol</i>	
Attribute	Acronym	Allowable Encoding Value	Type	Multi

Category of pilot boarding place	(CATRTB)	1 : boarding by pilot-cruising vessel 2 : boarding by helicopter 3 : pilot comes out from shore	EN	0,1
Communication information			C	0,*
Call sign	(CALSGN)		(S)TE	0,1
VHF channel			(S)TE	1,*
Telephone number			(S)TE	0,*
Fax number			(S)TE	0,*
Email address			(S)TE	0,*
Website address			(S)TE	0,*
Date range			C	0,2
Date end		ISO 8601:1988	(S)DA	0,1
Date start		ISO 8601:1988	(S)DA	0,1
Periodic			(S)BO	0,1
Feature name			C	0,*
Category of name		1 : official name 2 : alternate name 3 : common name 4 : short name 5 : display name	(S) EN	0,1
Language		ISO 639-3	(S) TE	0,1
Name	(OBJNAM)		(S) TE	1,1
Pilot district	(PILDST)		TE	0,1
Pilot district in national language	(NPLDST)		TE	0,1
Status	(STATUS)	1 : permanent 2 : occasional 3 : recommended 5 : periodic/intermittent 6 : reserved 9 : mandatory 16 : watched 17 : un-watched 19 : buoyed	EN	0,*
Information			C	0,*
Language		ISO 639-3	(S)TE	0,1
Text	(INFORM)		(S)TE	1,1
Scale minimum	(SCAMIN)		IN	0,1
Textual description			C	0,*

File reference	(TXTDSC)		(S)TE	1,1
Language		ISO 639-3	(S)TE	0,1
<p>INT 1 Reference: T 1.1-4</p> <p>21.1.1 Pilot boarding places (see S-4 – B-491.1-2)</p> <p>For a pilot boarding place, the pilot vessel may either cruise in the area or come out on request. Off some large ports pilots on outgoing ships may be disembarked at a different location. Pilots may board from a helicopter; it is then less important for a ship to reach the exact position of the boarding place but an approximate position should still be encoded. Some pilot stations are used solely for long-distance (deep-sea) pilots. Pilots may be in constant attendance, in regular attendance at certain limited times, or available by previous arrangement only. The primary purpose of encoded pilotage information is to show the position of the facility. Because of the many variations in the service provided, the main source of information on pilotage must be in an associated publication or product.</p> <p>If it is required to encode a pilot boarding place, it must be done using the feature Pilot Boarding Place. Remarks:</p> <p>21.1.2 Pilot stations ashore (see S-4 – B-491.4)</p> <p>If it is required to encode a pilot station ashore, it must be done using a Building or Landmark feature, with attribute function = 11 (pilot office) or 12 (pilot lookout). Distinction:</p>				

Complex attributes

Communication information

IHO Definition: Communication information- Details of how to communicate with an entity through one or more means of communication.				
Attribute	Acronym	Allowable Encoding Value	Type	Multi
Call sign	(CALSGN)		TE	0,1
VHF channel			TE	1,*
Telephone number			TE	0,*
Fax number			TE	0,*
Email address			TE	0,*
Website address			TE	0,*
Remarks:				

Simple attributes

VHF Channel

VHF Channel: IHO Definition: A channel number assigned to a specific radio frequency, frequencies or frequency band.

Telephone number

Telephone number: IHO Definition: Digits identifying the telephone of a particular subscriber, and used in making connections to that telephone.

Fax number

Telephone number: IHO Definition:

Email address

Email address: IHO Definition:

Website address

Website address: IHO Definition:

3. Portrayal