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S-101 Portrayal subWG

Update



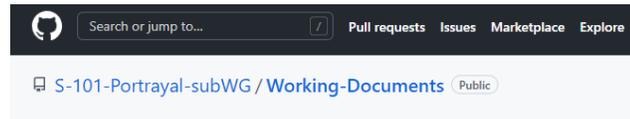
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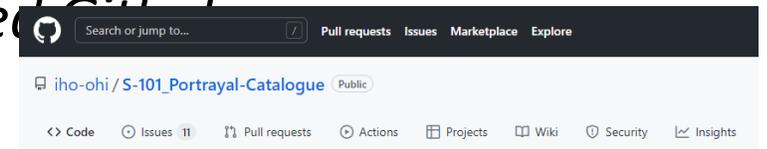


Effort so far

- *Portrayal subWG was stood up in 2020*
- *Annual VTC meetings (last one in July 2022)*
- *Issues discussed in Github space*
 - *102 Issues (36 open)*
 - *34 for PC 1.1.0 or later*



- *Portrayal catalogue is managed by NIWC in a dedicated Github repository under the IHO domain*



- *PC 1.0.2 is complete and available for peer review*



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Current situation

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- *Completed submissions to the IHO GI Registry of new symbology required for PC 1.0.2*
 - *42 Point symbols*
 - *9 Complex Line styles*
 - *4 Viewing Groups*

- *Development of new symbology has been possible thanks to KHOA, 7Cs, Mikus and I4Insight*

- *Gap analysis, between DCEG/FC 1.0.2 & 1.1.0, is underway to identify impact on portrayal.*

- *Next meeting is scheduled for January 2023 – Main goal is to **finalise PC 1.1.0 for a March 2023 release.***



Works Submitted Saved

Symbol 42 Line Style 9 Area Fill 0

Domain ALL

No	Preview
1	
2	
3	
4	
5	
6	
7	
8	

Showing 1 to 20 of 42 rows

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- HOME
- HELP&GUIDANCE
- GI REGISTER
- MY TASKS
- Concept
- Data Dictionary
- Portrayal
- Meta Data
- PROPOSAL
- TEST BED

Name	BOYMOR51
Alias	BOYMOR51
Definition	central symbol for Small
Remark	
Reference Source	IHO S-101 Project Team
Item schema	symbolSchema1
Preview Image	
Engineering Image	
SVG View	
XML	SHOW/HIDE

Symbol name	BOYMOR51
Symbol Explanation	Centred symbol for mooring buoy area
Look up table affected	Lookup table for Areas with Symbolized boundaries
Pivot point (x,y)	(0,0) Red circle shows the pivot point and is not part of the end portray.
Width of Bounding Box:	11.99
Height of Bounding Box:	11.99
Symbol Details:	
Symbol Preview:	
Symbol Colours:	CHGRF
Comments:	Line stroke 0.64mm.
Examples on ENC:	
References:	Dimensions based on BOYMOR01 and ENTRES51

Proposal Type	addition	Submitting Org	IHO (S-100WG)
Successor	--	Date Proposed	2022-11-04
Predecessor	--	Date Accepted	
Proposed Change	New symbol to support the portrayal of Small Craft Mooring areas of type Surface.		
Justification	https://github.com/S-101-Portrayal-subWG/Working-Documents/issues/28		



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To do



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➤ Create 5 new Github issues to implement decisions made at NCWG8

- Heliport/Helipad – New Point symbol
- Vegetation (Reed) – Update mapping
- Waterfall – New Point symbol
- Slope Topline & Sloping Ground – Review symbology and mapping rules
- DGNSS – New Point symbol

➤ Testing of new symbology once Test Cells become available

➤ Finalise **Alarms and Indications** – Mapping to S-52 + review of new requirements due to remodelling

➤ Finalisation and PC update is expected for PC 1.2.0

Alerts & indications S-52 to S-101 mapping

Note: Sections C-13.9.7 – 10 of the latest version of S-86 Annex G have their mapping fields missing (refer to sections C-14.9.7 – 10 of the previous version C072003)

Group	S-52 Ref	S-52 Objects	Conditions	Geometric Primitive(s)	Type	S-98 Ref	S-101 Features	Conditions	Geometric Primitive(s)
Alerts	10.3.3	DCACAR		POINT	Indication	C-14.9.7	BeaconCarinal		POINT
	10.3.3	DCNLCR		POINT	Indication	C-14.9.7	BeaconNucleolar		POINT
	10.3.3	DCRLAT		POINT	Indication	C-14.9.7	BeaconRadial		POINT
	10.3.3	DCRSAR		POINT	Indication	C-14.9.7	BeaconSector		POINT
	10.3.3	DCRSPP		POINT	Indication	C-14.9.7	BeaconSectorPurpose		POINT
	10.3.3	BOFCAR		POINT	Indication	C-14.9.7	BeaconCardinal		POINT
	10.3.3	BOFNLC		POINT	Indication	C-14.9.7	BeaconNucleolar		POINT
	10.3.3	BOFRAD		POINT	Indication	C-14.9.7	BeaconRadial		POINT
	10.3.3	BOFSAR		POINT	Indication	C-14.9.7	BeaconSector		POINT
	10.3.3	BOFSPP		POINT	Indication	C-14.9.7	BeaconSectorPurpose		POINT
	10.3.3	DAFMAR		POINT	Indication	C-14.9.7	LightFlash		POINT
	10.3.3	LHFLY		POINT	Indication	C-14.9.7	LightFlare		POINT
	10.3.3	LETRCS		POINT	Indication	C-14.9.7	LightList		POINT
10.3.3	NEWORJ		POINT	Indication	C-14.9.7	VisualMMSARObject		POINT	
Overhead Obstructions	10.3.3	BRIDGE		POINT LINE AREA	Indication	C-14.9.7	SpanOverpass		CURVE SURFACE
	10.3.3	CRIDIBD		LINE	Indication	C-14.9.7	SpanOverpass		CURVE SURFACE
	10.3.3	PIPOHD		LINE	Indication	C-14.9.7	SpanOverpass		CURVE SURFACE
	10.3.3	CONVRR		LINE AREA	Indication	C-14.9.7	Complex		POINT CURVE SURFACE
	10.3.3	MORFAC		POINT LINE AREA	Indication	C-14.9.7	MonopoleTall		POINT CURVE SURFACE
	10.3.3	FSHFAC		POINT LINE AREA	Indication	C-14.9.7	Submarine		SURFACE
	10.3.3	ICEBER		AREA	Indication	C-14.9.7	Iceberg		POINT SURFACE
	10.3.3	LOGPON		POINT AREA	Indication	C-14.9.7	LogPole		POINT SURFACE
	10.3.3	DESPCT		POINT AREA	Indication	C-14.9.7	Submarine		POINT SURFACE
	10.3.3	ORBAID		LINE	Indication	C-14.9.7	Submarine		POINT SURFACE
	10.3.3	PLINT		POINT	Indication	C-14.9.7	Submarine		POINT CURVE SURFACE
	10.3.3	PLCONE		POINT AREA	Indication	C-14.9.7	Submarine		POINT SURFACE
	Obstructions	10.3.3	OBSTRN	*DEPTH_VALUE <= safety contour value	POINT LINE AREA	Indication	C-14.9.7	Obstruction	defaultClearanceDepth + safety contour value
10.3.3		UNTRDC	*DEPTH_VALUE <= contour value	POINT	Indication	C-14.9.7	UnderwaterRock	defaultClearanceDepth + safety contour value	POINT
10.3.3		WNECKS	*DEPTH_VALUE <= safety contour value	POINT AREA	Indication	C-14.9.7	Wrecks	defaultClearanceDepth + safety contour value	POINT SURFACE
10.3.3		SOUNDG	DEPTH2 and VC30 subfields = safety contour value	POINT	Indication	C-14.9.7	Sounding	ECDDJustRelief + safety contour value	POINTSET