**Marine Harbour Infrastructure (S-1xx)**

Subject: Marine Harbour Infrastructure (S-1xx) Scoping Meeting #1

Date: 29 July 2020 (updated 24 September 2020)

Forum: GoToMeeting sponsored by IHO

Attendees: Jens Schroeder-Furstenberg (BSH) (Chair)

 Elena Armanino (Italy)

 Yoshitsugu Atsumi (JHOD)

 Shwu-Jing Chang (NTOU)

 Hyunsoo Choi (KRISO)

 Yves Guillam (IHO)

 Allan Idd Jensen (GST)

 Simon Vammen (GST)

 Michael Kushla (NGA)

 Thomas Loeper (NOAA)

 Raphael Malyankar (Portolan Services)

 Eivind Mong (Canada)

 Svein Skjaeveland (PRIMAR)

 Ben van Scherpenzeel (IH

**IHMA Port Information Manual Status Update**

Ben van Scherpenzeel updated the group on the status of the IHMA’s Port Information Manual (PIM).

Stated the organizing pathway for information transfer is:

Harbor Authority → Hydrographic Office → Mariner

The International Authority of Ports and Harbors and the European Harbor Committee have agreed the IHO is the standardization body for the IMO and should be used s a starting point. The six (6) topics in the PIM are undergoing a review and emphasized the importance of the IHO in processes to other harbor-related organizations.

**Spreadsheet Scoping Discussion**

The main discussion question was do we have enough Features to describe the scope of S-1xx. There is no intention to do any detailed discussions concerning the Attributes. In addition, are there too many Features or are there any missing Features?

The discussion centered around whether the Features listed in the spreadsheet should be included or not. It is not important for the information to be available at this time. That is a topic for later discussions.

The group did a line by line review of each Feature listed in the spreadsheet to decide if it should be included:

1. Ports = Yes.
2. Terminals = Yes (Similar attributes for Terminals and Berths.).
3. Berth = Yes.
4. Berth Position = Yes (Alongside the berth. Can include bollard number, meter marks, manifold location, etc.).
5. Mooring Facilities = Yes.
6. Pilot Boarding Place = No. (Not a part of harbor infrastructure. Already part of S-101 and S-127. Potential maintenance problems with overlap. Any potential overlap should be decided on a case-by-case basis.).
7. Waterways = No (Not part of harbor infrastructure.).
8. Emergency Coordination Centers = Yes
9. Load Line Area = Unsure (Is this really an IMO issue? Should this just be part of the front-door policy—just indicate where mariner can find this information?).
10. Time Zone = Unsure (Is this an attribute of Port or an attribute of Area? For future discussion.).
11. Port Services = Yes (Capture all options. Hos choose what to distribute.).
12. Berthing Assistance = Yes (Capture all options. Hos choose what to distribute.).

**Comment from Ben—**Discussed the IHMA difference between “underway” (Nautical Services) and “at the pier” (Vessel Services). Also noted public services (fire, ambulance, etc.) could be captured under “Safety.”

1. Waste Disposal = Yes.
2. Repairs/Drydock/Floating Dock = Yes, but only information not covered by S-101.
3. National Limit = No (These are covered in S-121. Maybe this can be changed to an Information Type—Social-Political Information.).
4. Place of Refuge = No (This should in S-127.).
5. Cargo Gear = No (This is terminal/stevedoring company information to be considered for later versions of the Product Specification).
6. Maneuvering Area = No (This should be in S-127.).
7. Harbour Gear = Yes (To be added as an attribute to Port/Harbour Area as this service is available in the whole area).

**Closing Comments**

Just because the Feature and its Attributes are in the Product Specification doesn’t mean the information has to be provided or disseminated.

Harbor size needs to be taken into account when deciding on what to cover and disseminate.

Still questions regarding the emphasis on autonomous ships.

Group members are requested to review the Attributes in the spreadsheet and be ready for discussion at the next meeting.

The next meeting is on Tuesday, 25 August 2020 using the IHO GoToMeeting platform. See NIPWG Letter 5-2020 for GoToMeeting access information and the exact time for your location.