**INTERNATIONAL HYDROGRAPHIC ORGANISATION HYDROGRAPHIQUE**



**ORGANIZATION INTERNATIONALE**

NAUTICAL INFORMATION PROVISION  
WORKING GROUP  
(NIPWG)

[A Working Group of the Hydrographic Services and Standards Committee (HSSC)]

|  |  |  |
| --- | --- | --- |
| Chairman: | Jens SCHRÖDER-FÜRSTENBERG | jens.schroeder-fuerstenberg@bsh.de |
| Vice-Chairman: | Edward HOSKEN | edward.hosken@ukho.gov.uk |
| Secretary: | Thomas LOEPER | thomas.loeper@noaa.gov |

**Chair Group Workshop (HSSC-CG) on strategy discussions**

Date 29 April 2016

**Subject: NIPWG Contributions**

References: HSSC 7/05

HSSC7 invited the HSSC working groups to submit ideas for the IHO Strategic Plan and the IHO   
3-year Programme of Work.

The NIPWG input to the strategic discussion is provided as a list (see below) with explanatory notes.

• Expand the use of S-100

o S-100 should be provided in a way that it could be used globally and not only for ECDIS

o S-100 should be open for extensions which are based on Marine GIS requests

o S-100 should support facets of the e-Navigation MSPs

o S-100 should be provided in a way that customized extensions are supported

o There should be broad adoption of S-100 beyond ECDIS to improve data sharing/access across the marine digital space while creating the framework for standardized streaming services

• Improve interactions with other HSSC WGs

o The feedback time on submissions of other HSSC WGs should be reduced

• Enforce the activation of the IMO-IHO Data Model Harmonisation Group

o This group would help prevent the duplication of work

• Improve Data Quality by cooperating with data suppliers

o Data supplier should provide their data CATZOC conformant

o Data supplier should provide their data S-100 conformant to shorten implementation time

• Extension of CATZOC scope

o CATZOC definitions should also take into account qualitatively-based information (i.e. words) as opposed to only quantitatively-based information (i.e. bathymetric data, positioning data, etc.)

• Responses on WG submissions should be done in an appropriate way and in advance so the proposing party has opportunity to review his submissions or to act accordingly

o Management rules for submission and response time should be specified

• Increase Member State involvement in WGs, verify Member State involvement, raise awareness of the consequences are if Member States are not participating actively

o MS should assign subject matter experts to WGs

o MS can decide whether they are actively participating in the discussion or if they satisfied with the results. The latter case would automatically occur if the first option is not supported

• Underline the importance of interaction with other international bodies and projects like MONALISA, AVANTI and the IMO MSPs (expand the boundaries of the HSSC’s thinking)

o Active involvement would increase the view “beyond the HO borders”

o Involvement may provide better contributions in HSSC WG work

• Consider consequences of data streaming

o Define the core responsibility for HOs?

o Define ways to integrate data supplier into the information flow

o Consider legal aspects (official vs. unofficial data, data validation)

• Consider which S-100 ProdSpecs based products are needed to support the SOLAS Chapter V carriage requirement for Nautical Publication information.

o Is a revision of M-3 needed to specify the relevant content (ref to SOLAS Chapter V, Reg 2 and Reg 9)?

• Establishment of procedures for S-100 ProdSpecs based products that will replace Nautical Publications information

• Data production

o Data check

o Data protection

o Data delivery

On behalf of NIPWG,



Jens Schröder-Fürstenberg, Chairman