Status and Roadmap of the HGDM

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Status and Roadmap of the IMO/IHO Harmonization Group on Data Modeling (HGDM)

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The Cleaner
Safer and
More Efficient Sea
• **MSC 90 (2012)**
  - Authorized the establishment of the HGDM
  - Approved its TOR

• **MSC 96 (2015)**
  - Decided the post-biennial agenda, Developing guidance on definition and harmonization of the format and structure of MSPs

• **NCSR 4 (2017)**
  - Proposed to activate the HGDM to commence the decision of MSC 96
  - Requested to submit proposals for a revision **TOR & WP** to MSC 98

• **MSC 98 (2017)**
  - Agreed to activate the HGDM with the **scope of work** to guidance on definition and harmonization of the format and structure of MSPs
Results of the 1st HGDM

• General Information

✓ Held from 16 to 20 Oct., 2017
✓ 16 Member States, 10 Observers (IHO, EC & 8 NGOs)
✓ Scope of the work
  - Guidance on definition
  - Guidance on harmonization of the format and structure of MSPs

• (1) Revised Definition of Maritime Service Portfolio (MSP)

✓ A set of **operational Maritime Services** and **associated technical services** provided in digital format
  - More concise and believed to capture the purpose and scope of MSPs
  - A portfolio comprised 2 or more maritime services
  - List of maritime services rather than list of MSPs in the SIP
Results of the 1st HGDM

- (2) Guidance on harmonization of format and structure of Maritime Service within MSP

- High level of template for describing Maritime Services
  - A high-level of perspective, not include detailed technical information
  - Generic description of MS + a short non-technical specification (IALA)
  - to be tested by Domain Coordinating Bodies respectively

- Three levels of control or ownership for Maritime Services
  - Overarching coordination : IMO, leading development/implementation
  - Functional and operational ; Domain Coordination Bodies
  - Service : Service provider and Authorities within Member States

- Reconfirm s-100 as the baseline to develop CMDS

- Testing template by Domain Coordinating Bodies
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Roadmap of the HGDM

- **Feb. 2018 (NCSR 5)**
  - Review 1st and 2nd HGDM

- **May. 2018 (MSC 99)**
  - Approval 2nd HGDM

- **Oct. 2018 (2nd HGDM)**
  - iZe Draft Guidance

- **2019 (NCSR, MSC)**
  - Adoption of Guidance

Testing Template
Finalize the draft Guidance on harmonization of the format and structure of maritime services within a MSP based on the results of testing template by Domain Coordinating Bodies

<General part>
- Introduction, Purpose and Application of the guidance
- Three levels of control or leadership, and Terminology used

<Generic Part>
- List of Maritime services
- Generic definition and structure of Maritime services
- Associated Technical Services and their relationships

<Specification Part>
- MS 1 ~ MS 16 (detailed contents not mentioned in generic part)

<Template and Guide for Future Maritime Services>
Start Small, Finish Big!