



# BSHC 30: S-100 status Denmark



Geodatastyrelsen

# S-100 Readiness Status

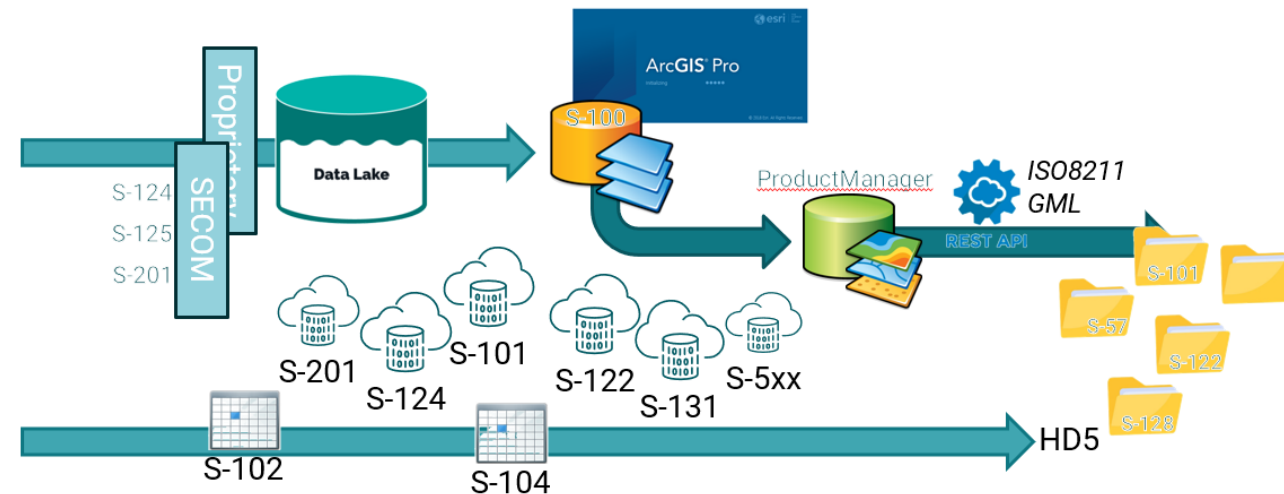
S-100 Products	2025	2026	2027	2028	2029	2030	2031	2032	Remarks
S-101 ENC									
S-102 Bathymetric surface									
S-104 Water Level									
S-111 Surface Currents									
S-124 Navigational Warnings									
S-128 Product Catalogue									
S-129 UKC Management									Decision pending
S-122 Marine Protected Areas									
S-123 Marine Radio Services									Decision pending
S-125 Marine Aids to Navigation									
S-127 Marine Traffic Management									Decision pending
S-131 Marine Harbour Infrastructure									
Other S-100 product									
S-201									

# S-100 production system – *(under development)*

Development of a generic S-100 production system driven by:

- Growing need to work with data in all S-100 product specifications
- Requirement to validate models and assess existing data compatibility
- Limited market availability of systems supporting S-100 as a framework
- Vendors' tendency to wait for model approval before supporting specific standards

## Plug in to ArcGIS Pro





# S-101 ENC

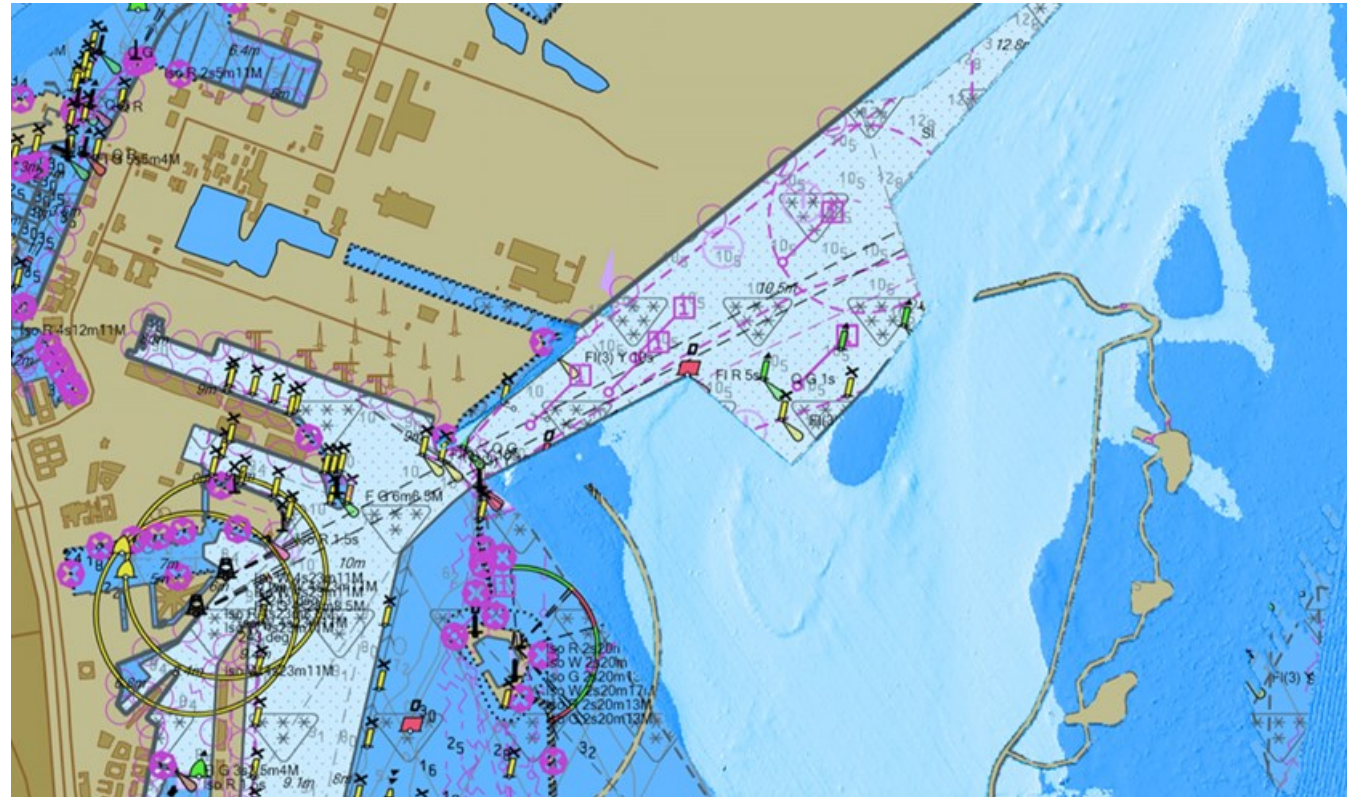
**Responsible agency:** DGA

**First operational data planned available:** Q1 2026

**Production of S-101:** Q4 2026

**Ongoing activities:**

- Conversion testing and testing of production tools
- Data preparation
- Internal assesment of S-100 knowledge, as well as the need for, and availability of, relevant training



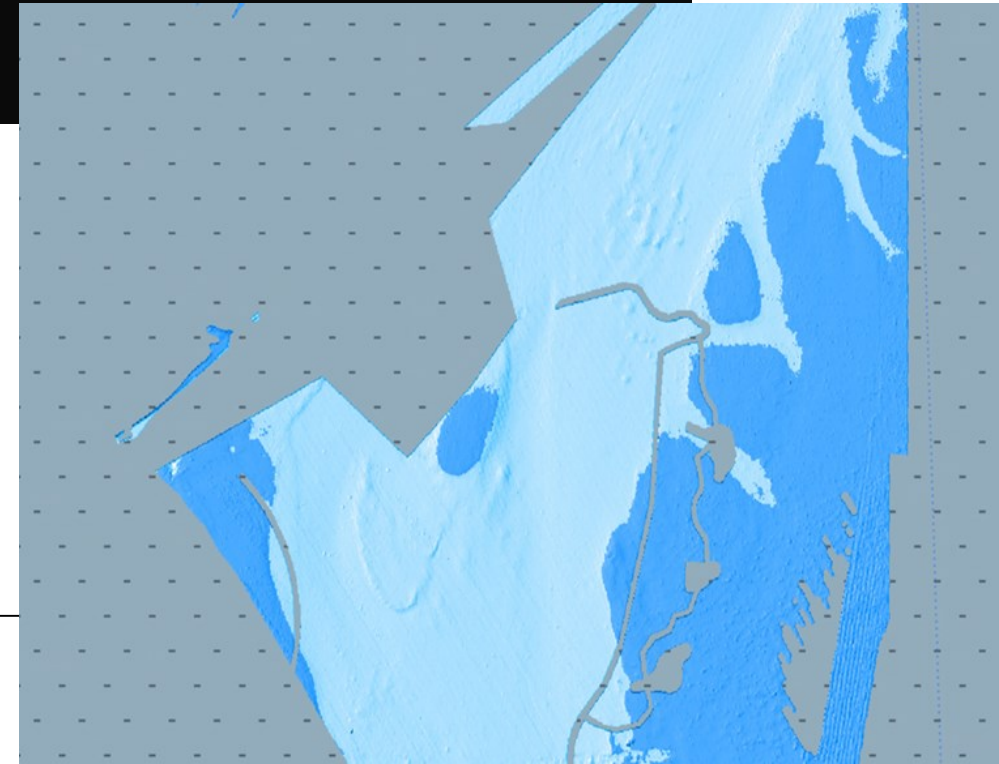
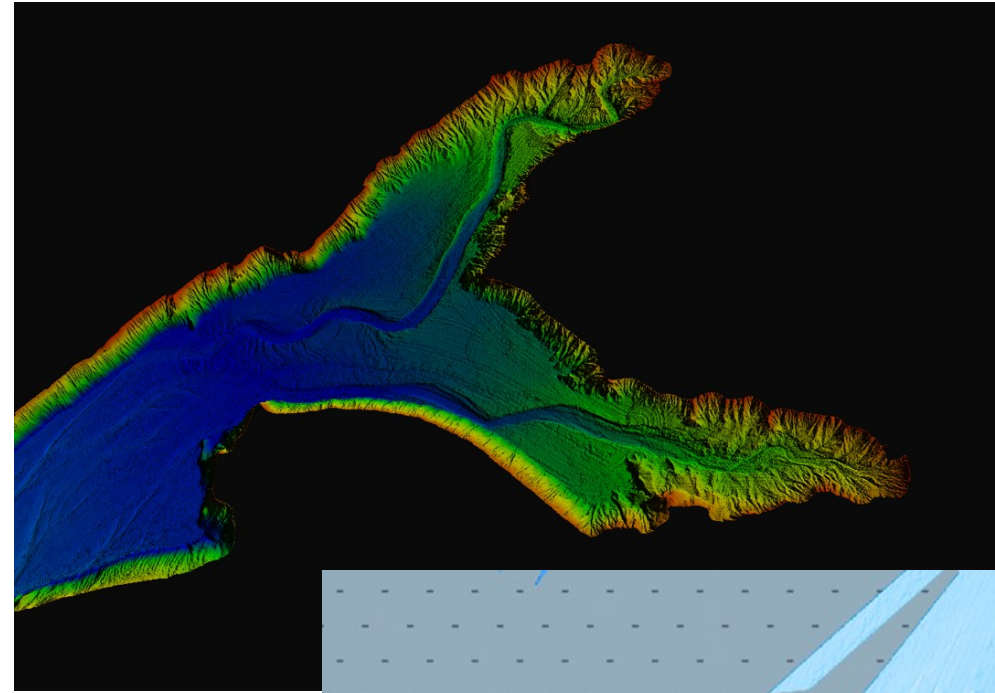
# S-102 Bathymetry

**Responsible agency:** DGA

**Operational data planned available:** Q1 2026

**Ongoing activities:**

- Business case for S-102 (where is the value of S-102 data and in which resolution)
- Security clearance from the Defence
- Determine production tools and processes

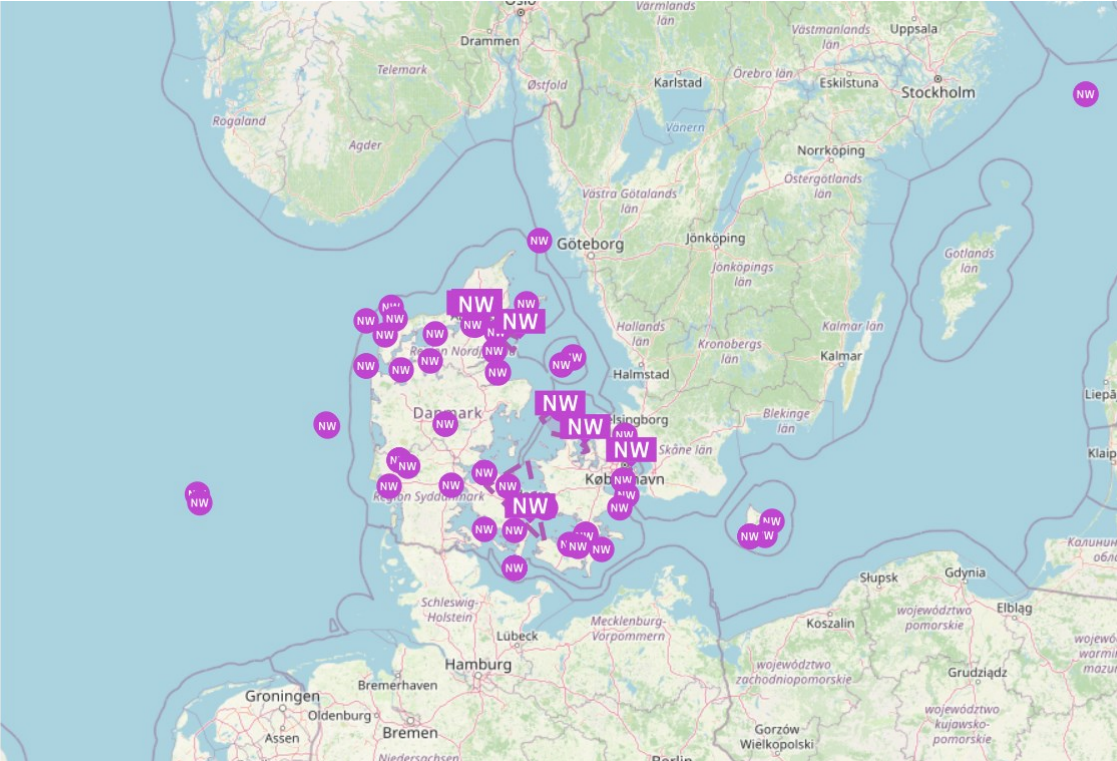


# S-124, S-125, S-201

**Responsible agency:** Danish Emergency Management Agency

**Operational S-124:** No planned date, but the Niord-system can now provide S-124 services, that have been tested in a test environment as part of the Interreg MaDaMe project.

<input type="checkbox"/>	S124	AMSA NAVAREA X Warnings (LEGACY)	Live	Pull	
<input type="checkbox"/>	S421	AMSA/ DLR Port of Brisbane S-421 DEMO	Live	Pull	
<input checked="" type="checkbox"/>	S124	DMA Baleen Test Server 1	Live	Pull	
<input checked="" type="checkbox"/>	S124	Fintraffic Navigational Warnings in Finland	Pull	Online	





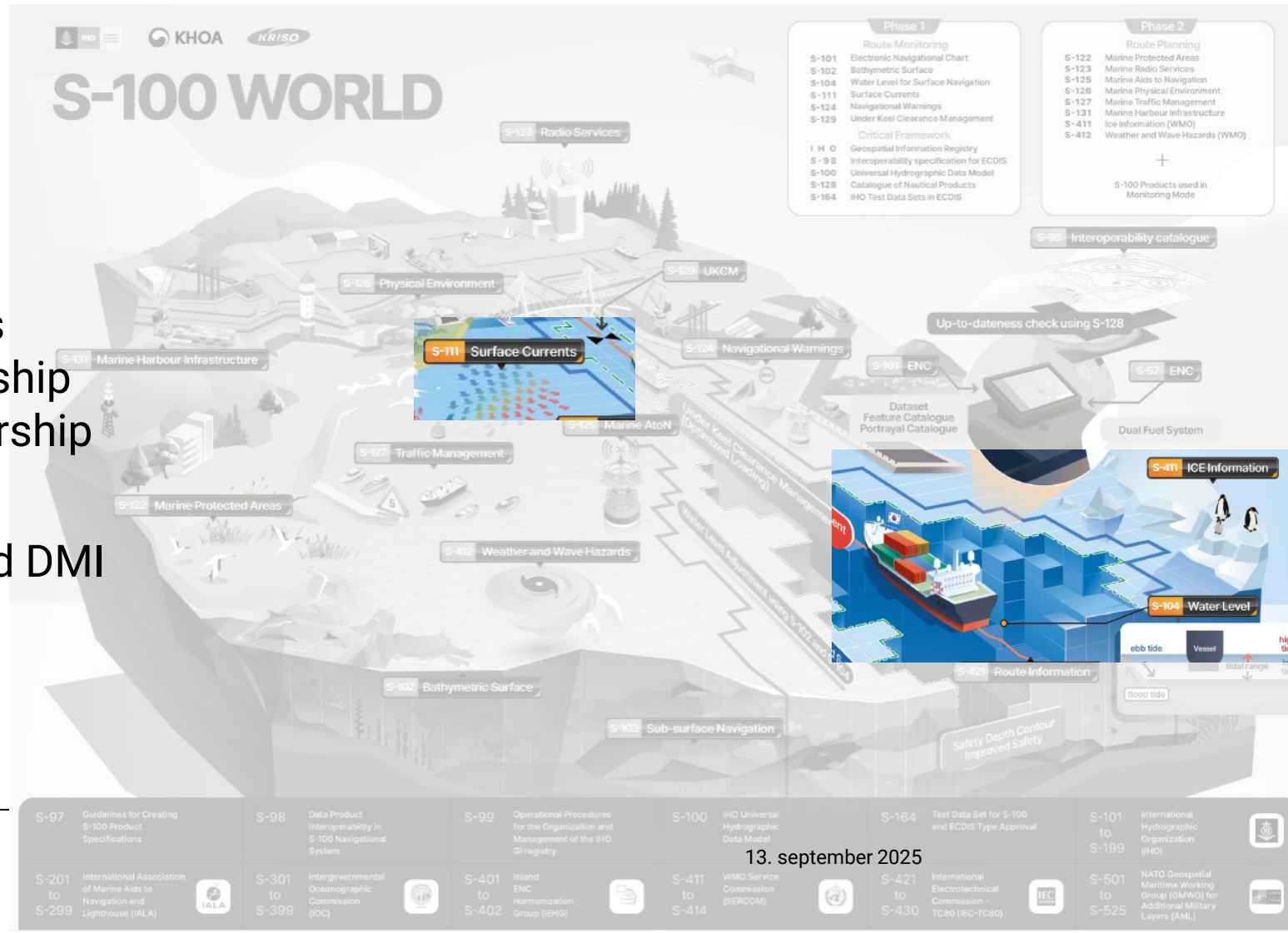
# S-104, S-111, S-411

**Agency responsible for data:** Danish Meteorological Institute (DMI)

**Operational data:** Q1 2027

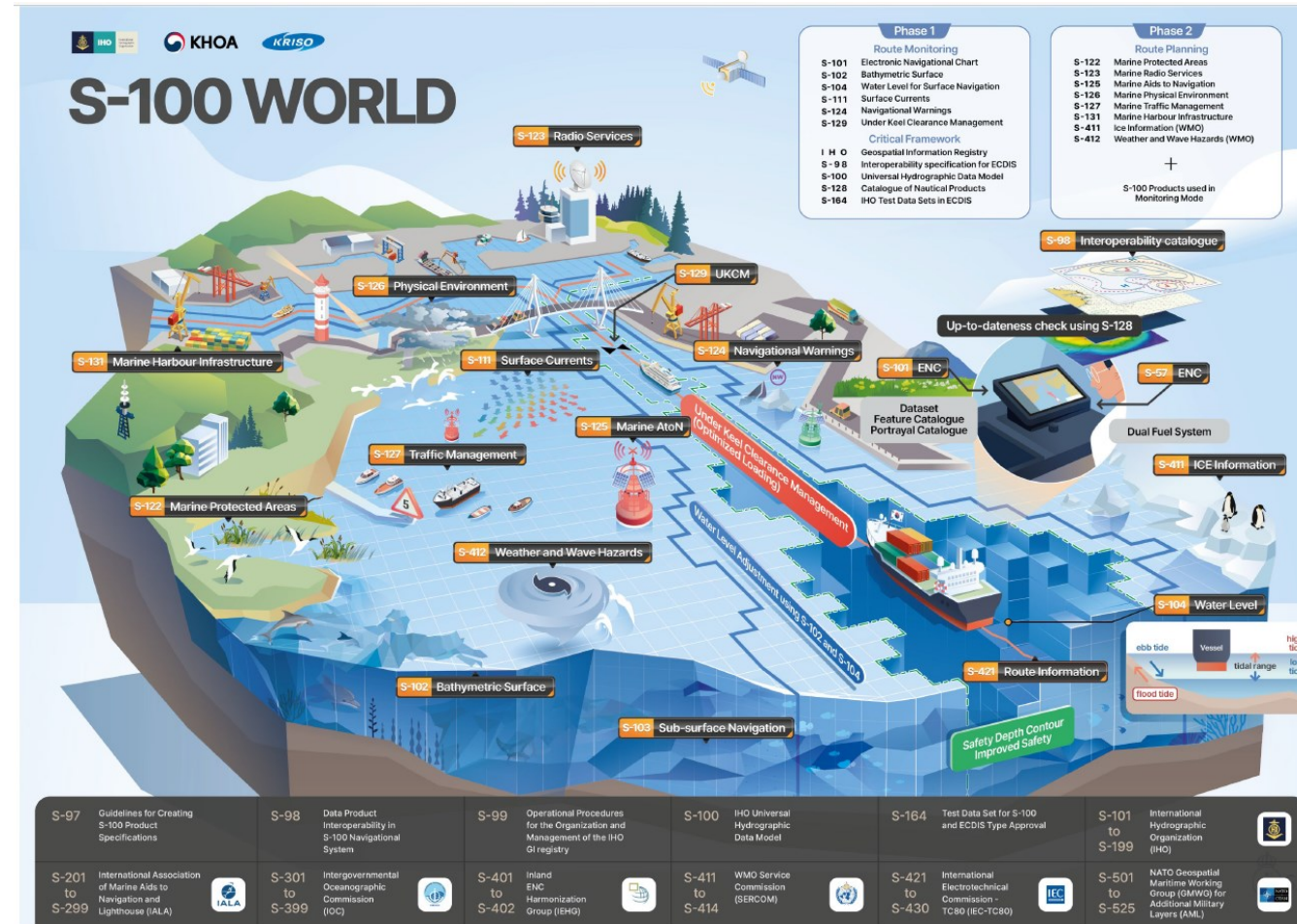
## Ongoing activities:

- Determine roles and responsibilities between DGA and DMI. Data ownership (DMI) vs. product and service ownership for S-104 and S-111 (GST)
- Close cooperation between GST and DMI regarding product specification and testing



# Other activities

- "NIPWG – data"
  - › S-131 (Harbour Infrastructure)
  - › S-122 (Marine Protected Areas)
  - › S-128 (Catalogue of Nautical Products)
- National S-100 coordination on a management level
- Active participation in S-100WG, NIPWG, S-101PT, S-102PT, S-158 (validation) and other IHO working groups
  - › Including monetary contribution to NIPWG for producing DCEG for S-122
- IC-ENC Steering Committee, Distribution Working Group, Technical Committee
- S-500 (Additional Military Layers)
- Determine how GST will handle S-57 production





BSHC 30 is invited to note the briefing.

Thank you.

