



05 - 09 September 2022

# Joint IHO/IALA workshop on S-100/200 development and portrayal

## Norwegian Coastal Administration, Ålesund, Norway



KYSTVERKET

The International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) and the International Hydrographic Organization (IHO) in association with the Norwegian Coastal Administration (NCA) are hosting a joint workshop on S-100/200 development and portrayal to be held in Ålesund, Norway, from 05 to 09 September 2022.

### BACKGROUND

In January 2010 the International Hydrographic Organization (IHO) published S-100 – Universal Hydrographic Data Model -, a framework geospatial standard for hydrographic-related digital data. S-100 is aligned with the ISO 19100 series of geographic standards, thereby making the use of hydrographic and other geographic data more interoperable than using the present IHO S-57 data transfer standard.

IALA is establishing the S-200 domain, in consultation with IHO. This domain uses the range S-201 to S-299 for Product Specifications compliant with the IHO S-100 standard, covering fields within the IALA remit, including Aids to Navigation (AtoN), Vessel Traffic Services (VTS), positioning systems and communication systems.

### OBJECTIVE

The objective of the workshop is to:

- Harmonize and open feedback channels between IHO and IALA regarding Product Specification requirements and development processes.
- Share visions of the use of S-100 based Product Specifications of IHO and IALA / among stakeholders.
- Identify possible updates and recommend amendments existing documents.
- Provide clarity regarding development of S-100 / S-200 series Product Specifications for IHO/IALA.

### TOPICS

The workshop deals with S-100 / S-200 aspects. This will include a range of topics, such as:

- Introduction of S-100;
- Shared Experiences (Lessons Learned);
- Review of IHO, IALA Recommendations & Guidelines;
- Portrayal;
- Portrayal and user / OEM perspective; and
- Harmonizing IHO & IALA PS Development.

### PROCESS

The workshop will consist of presentations from a range of expert speakers covering topics including the IHO Geospatial Information Registry (GI Registry), the development of Product Specifications, IHO / IALA guidance, portrayal and the general sharing of views and opinions.

Following these presentations, working group sessions will be held on initializing and productizing of S-100 series data, S-201, 124 and 125 development and S-98 interoperability and Marine AtoN portrayal.

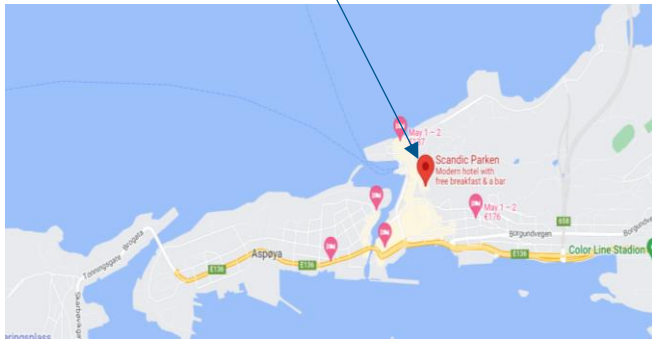
### ATTENDEES

The workshop will provide a forum for discussion between different stakeholders which may include IALA and IHO members and sister organisations. Other interested stakeholders in S-100 are encouraged to attend to maximise the pool of expertise available.



## VENUE

The workshop will be held at the Scandic parken hotel, Ålesund.



## HOTEL

There are numerous hotels and other accommodation options available, such as:

- Scandic parken hotel (the venue)
- Scandic 1904

## WORKSHOP FEE

The fee for the workshop is €250. The fee includes participation in all workshop sessions, a technical tour, lunch from Tuesday to Thursday and a workshop dinner.

## ONLINE REGISTRATION

Please register [here](#).

## CANCELLATION POLICY

All cancellations must be sent by e-mail to [contact@iala-aism.org](mailto:contact@iala-aism.org)

A refund in full of the registration fee will only be provided if notification is given at least one week prior to the event. Otherwise, a cancellation charge of 50% will be applied. Name changes will be accepted.

In case of a no-show, 100% of the registration fee will be charged.

## PROVISIONAL PROGRAMME

### DAY 1 - Monday 5 September 2022

Registration	13:00 - 14:00
Session 1	Opening of the workshop
Session 2	Introduction of S-100
Icebreaker reception at NCA office	Bring some drink or snacks from your own country to share

### DAY 2 - Tuesday 6 September 2022

Session 3	Shared Experiences (lessons Learned)
Session 4	Review of IHO, IALA Recommendations & Guidelines
Session 5	Portrayal

### DAY 3 - Wednesday 7 September 2022

Session 6	Portrayal and user / OEM perspective
Session 7, 8 and 9	Working groups (WGs): WG 1 Initializing and productizing of S-100 series data WG 2 S-201,124 and 125 development WG 3 S-98 interoperability and Marine AtoN portrayal

### DAY 4 - Thursday 8 September 2022

Session 10	Continue in Working Groups
Session 11	Conclusion of the WGs
Technical visit	NTNU Maritime University, Kongsberg Digital
Workshop dinner	Location to be confirmed

### DAY 5 – Friday 9 September 2022

Session 12	Workshop review and conclusion
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