

ATON PRODUCT SPECIFICATIONS – THEORY AND APPLICATION (S-124/S-125/S-200/S-201)

BUSAN, REPUBLIC OF KOREA 4 – 7 MARCH 2025

COURSE DESCRIPTION

This course will cover the Marine Aids to Navigation (AtoN) relevant product specifications, featured in the Universal Hydrographic Data Model, and the AtoN related maritime service based on IALA product specifications and IEC SECOM standard IEC 63173-2. By the end of the course, attendees will understand the scope and contents of the S-200 series, S-125, and S-124 product specifications and their potential use in the maritime data exchange service. The course will also provide an overview of the effort required by AtoN data managing authorities to facilitate application of the relevant product specifications. On the final day, a sea trial will be conducted, allowing participants to observe real-world data exchange and understand its practical application.

OUTLINE PROGRAMME

The competencies covered in the course include:

- What is S-100/200?
- Benefits of data harmonization
- How to develop Product Specifications
- IHO Geospatial Information (GI) Registry
- Scope and content of S-201, S-125, S-124 product specifications
- Creating an S-201 test dataset
- S-200 Test & Validation Tool
- Technical maritime services
- AtoN data management

A sea trial will be undertaken on the last day of the course, enabling participants to experience the benefits of harmonization brought about by application of product specifications. The sea trial aims to demonstrate the process of providing AtoN changes to end users in accordance with IALA protocols. S-125 AtoN changes will be generated from the AtoN information system, which has been developed to be compatible with the IALA S-201 data model.

Participants' experience feedback from the sea trial will also be used to update the S-200 product specifications and related systems.

ATTENDEES

This course is particularly suited to AtoN professionals and those involved in managing, providing and exchanging AtoN related data information.

COURSE DATES AND LOCATION

The course will be held at KIMFT between Tuesday the 4th March and Friday 7th March 2025, inclusive. Please contact the IALA World-Wide Academy for further information on the availability of this course by emailing academy@iala.int

COSTS

The cost of this four-day course is **€1,000 and includes all lectures, lunches, official course dinner and course materials**. Accommodation is not included but the WWA can provide details of convenient and reasonably priced local accommodation.

