



**IALA COUNCIL**  
**74<sup>th</sup> session**



**13-17 December 2021**  
**IALA Headquarters**

**10 – TECHNICAL ACTIVITIES**

**10.7 – S-200 Development**

10.7.1 – Committee work on S-200

Note by the Secretariat

**1. INTRODUCTION**

During the second half of 2021, the committees continued working on developing S-200 Product Specifications (PS) within their areas of responsibility. The committee task groups have worked on various PS related issues. The purpose of this paper is to report to the Council on the development status of the S-200 PS series, following the work of the committees.

**2. UPDATES ON S-200 DEVELOPMENT**

As the domain control body of the S-200 series, IALA can develop its own PS related to Marine Aids to Navigation and can canvass other members in their domain for an opinion on the acceptability of any new proposal.

Furthermore, at the IHO HSSC 13, IALA obtained a new domain in the Portrayal Register of the GI registry so that they can submit new portrayal proposals to the registry.

The following table summarises the work of the committees:

Domain	PS	Title	Developer	Version
AtoN	S-201	AtoN information	ARM	1.0.0
Positioning	S-240	DGNSS almanac	ENG	1.0.0
	S-245	eLoran ASF	ENG	1.0.0
	S-246	eLoran almanac	ENG	1.0.0
	S-247	eLoran reference stations	ENG	1.0.0
Comms.	S-230	Application Specific Message (ASM)	ENAV	Planned
VTS	S-210	Inter VTS exchange	VTS	Started
	S-211	Port Call Message	IPCDMC	1.0.0
	S-212	VTS digital information service	VTS	0.6.4

ENG 14 completed the S-245 and S-245 as version 1.0.0 for test and trial. The committees will continue the works with the inter-sessional Task Groups, and the detailed information is uploaded on the website at <https://www.iala-aism.org/technical/data-modelling/iala-s-200-development-status/>.



### 3. STRATEGY ON S-200

IALA will continue to develop and coordinate PS and data exchange formats that will underpin e-navigation services in the future. The committees will focus on the technical service and streaming of the data and, as some of the S-200 PS reach maturity, they will require testing. IALA will then promote PS testbeds, inviting members to participate.

IALA will continue close cooperation with IHO through the technical cooperation meetings, and will also harmonize the terms and definitions of AtoN with IHO.

A joint IALA/IHO workshop is planned to be held as a physical meeting in Norway in 2022.

### 4. THE COUNCIL IS REQUESTED TO

**NOTE** the information provided in this document.