

Paper for Consideration by NIPWG

S-125 Navigational Services status update

Submitted by:	S-125 team
Executive Summary:	Status update of work
Related Documents:	Previous report, NIPWG5-13.1, IALA ARM8-12.1.10
Related Projects:	S-101, S-201

Introduction / Background

Within NIPWG, drafting of the S-125 has been put on hold. (A thorough explanation of the background and recommendations were given within the [NIPWG5](#) status report). However discussions with and within IALA ARM have ensued resulting in the possibility of their active role in drafting the S-125.

The paper IALA ARM8-12.1.10 is an ARM output paper, drafted based on discussions during ARM8 in October 2018 and addressed to NIPWG. This paper is found among the meeting documents of IALA ARM8. In the meeting report there is an action item registered, to send this paper to NIPWG early January 2019. This paper include the following propositions to NIPWG;

- The IALA ARM Committee draft the S-125-PS and submit to NIPWG for its consideration/comment.
- The development of S-125 would occur with frequent liaison notes back and forth between the two bodies (especially in the requirements identification phase).
- The final product would be adopted and maintained by NIPWG with routine consultation between IHO and IALA.

Within the drafted output paper, NIPWG is further requested to authorize the drafting of the S-125PS to the IALA S-201 Task Group.

Analysis/Discussion

It is the vision by IALA ARM, that S-125 would be a derivative of S-201 as the public facing dataset, i.e. the digital equivalent of the List of Lights. There is also a discussion of expanding this vision of S-125 to include the attributes necessary to digitally populate the portions of the Notice to Mariners which relate to AtoN (e.g. Discrepancies, Proposed Changes, Advance Notice of Changes, and Temporary Changes). The vision with this approach is a possibility to amend charts without rendering an update to the S-101 ENC by the HO.

Conclusions

There are still differences in the current data models of S-201 and S-101. The related concerns and questions initially raised by NIPWG are now communicated and recognized within IALA. Additionally there is a need to clarify similarities, overlaps and intended future use of S-125 and S-201. NIPWG noted a need to make sure that S-201 eventually will contain all data needed in order to support encoding of all HO-products based on S-201 data (for example S-101).

Recommendations

NIPWG is recommending to solidify cooperation with IALA ARM, in drafting of the S-125 PS. Close cooperation with IALA ARM would address several previous concerns. The active role of IALA ARM would ensure that work with S-125 is continued and development of S-201, S-125 and S-101 stay aligned.

Considering the possible future use of S-125 within S-100 interoperability, NIPWG should nevertheless supervise the work and accept responsibility for adoption and maintenance of the final product, including routine consultation between IHO & IALA.

Action Required of NIPWG

The NIPWG is invited to:

- Take note of this and the related papers
- Discuss the proposition by IALA

Note: FOR REASONS OF ECONOMY, DELEGATES ARE KINDLY REQUESTED TO BRING THEIR OWN COPIES OF THE DOCUMENTS TO THE MEETING

- c. Notify IALA ARM9 (by April 1 2019) of our stand on the proposed cooperation, and our expectations of the S-125 product specification.