

Proposal by the WENDWG for Amendments to version 1.0 of the Roadmap for the S-100 Implementation Decade

The WENDWG's recommendation is to amend the S-100 Roadmap for the S-100 Implementation Decade chapter 7 to the following:

7. Development of Global Distribution Capability

- ~~The WEND working group of the IRCC has begun development of principles that will guide the coordinated provision of S-1xx services globally. These principles should be adopted by A2.~~

- The coordinated global distribution capability relies on the application of structural principles aiming to ensure a world-wide consistent level of high-quality, updated official nautical and hydrographic S-1xx products through integrated dissemination services which should be available for mariners, and to all other users supporting maritime activities. These principles have been developed as WEND-100 Principles (See Annex III).

- The application of these principles envisions a new generation of global service delivery networks, analogous to the current RENC arrangements, which will enable convenient global availability of authoritative services. These networks will need to consider:
 - o The wider variability of perishability of these services, and the necessity for very low latency for dynamic services.
 - o The need to manage the availability of S-101 and S-57 ENC's simultaneously, in combination with other interoperable S-100 compliant data services belonging to the hydrographic or alternative domains.

- The work to implement the WEND-100 Principles has started in parallel, and complementary Guidelines are in preparation (as of June 2021):
 - o S-101 ENC Scheming Guidelines
 - o S-1xx Implementation Guidelines

Annex III to the Roadmap of the S-100 Implementation Decade (version 1.1 dated xx....)

WEND-100 Principles - Principles of the WEND for S-1XX Products

See IHO Publication M-3, IHO Resolution [xx/2021](#) (link)