

Council 5

IRCC Report 13

Annex A: Proposal for Amendment to Roadmap S-100



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IRCC13
VTC, 23 – 25 June, 2021

IRCC Report – Annex A

5TH Meeting of the IHO Council

IRCC Report - Annex A

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:



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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).



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7. Development of Global Distribution Capability (cont.)

- 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:
 - The wider variability of perishability of these services, and the necessity for very low latency for dynamic services.
 - The need to manage the availability of S-101 and S-57 ENCs simultaneously, in combination with other interoperable S-100 compliant data services belonging to the hydrographic or alternative domains.



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7. Development of Global Distribution Capability (cont.)

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



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7. Development of Global Distribution Capability (cont.)

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)



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 - S-101 ENC Scheming Guidelines
 - S-1xx Implementation Guidelines
- **C5-04.2A-Annex A**
- 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)



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