



Revision to IHO Resolutions following the introduction of S-100

Proposal by the KHOA(ROK)

Agenda Item 5.1G



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INTRODUCTION / BACKGROUND

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- ◆ Development of S-100 series and infrastructure
 - the Roadmap for the S-100 Implementation Decade (2020 – 2030) to facilitate new hydrographic data standards
 - Next generation ENC, Hydrographic/Maritime/GIS fields

- ◆ Activities by IHO and other relevant organizations
 - Transition/production of S-101 ENCs is being prepared;
 - Cooperation with industry partners to promulgate S-100 ECDIS;
 - Revision to the ECDIS Resolution by IMO;
 - IEC 61174:2015 (International Standard for testing ECDIS) will be revised.



◆ Proposal of revising the resolutions

Resolution	Current resolution	Red-line version of the proposed resolution (PRO2.3, included comments from A2_2020_G_02)
1/1987	<p>1. It is resolved that the IHO Transfer Standard described in S-57 shall be adopted by the IHO for the exchange of digital hydrographic and cartographic data.</p> <p>2. ...Changes to the Standard are coordinated on behalf of the HSSC by an ENC Standards Maintenance Working Group (ENCWG)...</p>	<p>1. It is resolved that the <u>IHO S-57 Transfer Standard for Hydrographic Data including the S-57 based Product Specifications described in S-57 and the IHO S-100 Universal Hydrographic Data Model including the S-100 based Product Specifications</u> shall be adopted by the IHO for the exchange of digital hydrographic and cartographic data.</p> <p>2. ...Changes to <u>S-57 the Standard</u> are coordinated on behalf of the HSSC by the an ENC Standards Maintenance Working Group (ENCWG), <u>and changes to S-100 are coordinated on behalf of the HSSC by the S-100 Working Group (S-100WG), and changes to S-100 series are coordinated on behalf of the HSSC/IRCC by their subordinate</u> Sub- <u>committees/Wworking groups.</u></p>



◆ Proposal of revising the resolutions

Resolution	Current resolution	Red-line version of the proposed resolution (PRO2.3, included comments from A2_2020_G_02)
4/2002	a) The HO should ensure that the IHO data (ENC) is always available to any user in the S-57 ENC format.	a) <u>According to the Roadmap for the S-100 Implementation Decade (2020-2030),</u> the HO should ensure that the IHO data (ENC) is always available to any user in the S-57 <u>and/or S-101</u> ENC format.
1/2007	<p>1. It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for ENCs.</p> <p>2. It is further resolved that the IHO Secretariat will act as Scheme Administrator for S-63.</p>	<p>1. It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for <u>S-57 ENCs and the Encryption and Data Protection, as described in Publication S-100, is the IHO recommended security scheme for S-101 ENCs including S-100 series data.</u></p> <p>2. It is further resolved that the IHO Secretariat will act as Scheme Administrator for S-63 <u>and S-100 series hydrographic data.</u></p>



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ANALYSIS / DISCUSSION

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◆ Proposal of revising the resolutions

Resolution	Current resolution	Red-line version of the proposed resolution (PRO2.3, included comments from A2_2020_G_02)
1/1997	<ul style="list-style-type: none">See M-3 2nd Edition Resolution 1/1997 as amended.	WENDWG reported the Principles of the WEND for S-1xx products (WEND-100) to IRCC12 for endorsement.
1/2018	<ul style="list-style-type: none">See M-3 2nd Edition Resolution 1/2018.	WENDWG reported the Principles of the WEND for S-1xx products (WEND-100) to IRCC12 for endorsement.



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ACTIONS REQUESTED FROM HSSC

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1. Approve the proposed revision to the Resolutions 1/1987, 4/2002 and 1/2007.
2. Include this document in the HSSC report to A-2