



# 15<sup>th</sup> Meeting of the Hydrographic Services and Standards Committee

Future of the Navigational Chart

## **Agenda Item HSSC15-04.2B**

HSSC-15, Helsinki, Finland, 5 – 9 June 2023



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# BACKGROUND

International Hydrographic Organization

## ECDIS Regulated



IMO Performance Standard



IEC Test Standards



IHO Charting Standards



## Sub-ECDIS Unregulated

RTCM ?

Performance Standard

?

Test Standards

?

Detailed Chart Standards

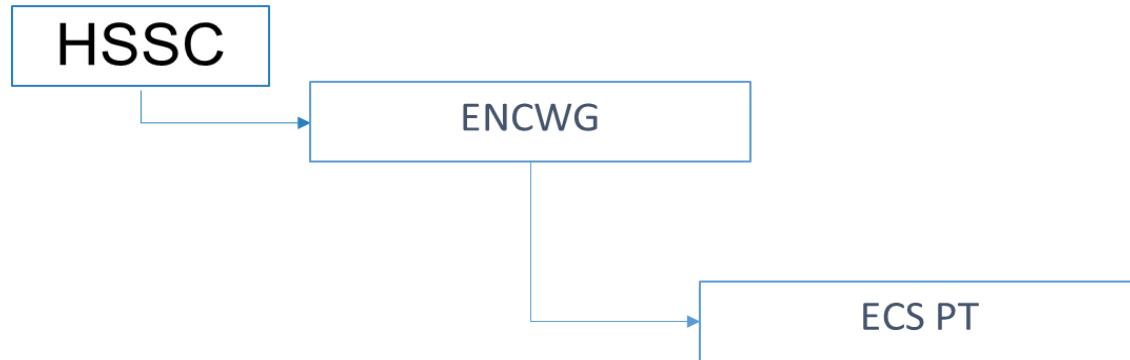




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# PROPOSED PT STRUCTURE & RESOURCING

International  
Hydrographic  
Organization



**Chair:** Mr Andrew Richardson - Technical Manger (UKHO)

**Vice-Chair:**

**Secretary:**



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# SUGGESTED WORK PLAN

International  
Hydrographic  
Organization

1. Determine gaps in IHO standards for the provision of S-57 and S-100 electronic data services for the ECS market.
2. Propose recommendations to address gaps to HSSC for the development of data format, portrayal and encryption and licencing.
3. Engage with ECS industry to gather requirements and feedback
4. Review the ECS hardware standards that make reference to IHO standards
5. Propose changes to ECS hardware standards to make reference to S-100
6. Engage with IEC to establish requirements for test data to support possible new ECS testing standard.
7. Report to HSSC any issues of strategic importance that may need to be reported to IMO and national maritime administrations.



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# **ACTIONS REQUESTED FROM HSSC**

International  
Hydrographic  
Organization

1. Agree to the formation of the ECS PT
2. Agree to the suggested work plan