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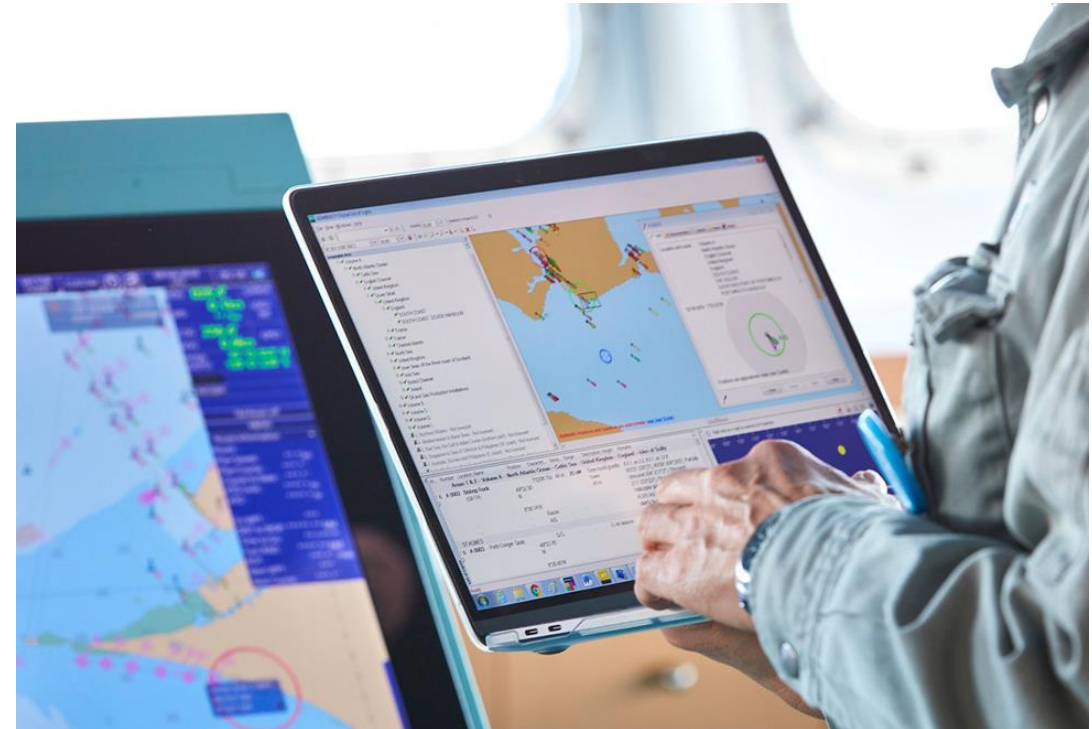
# Paper Chart update and IHO ECS Project Team

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## Responding to your feedback on the continued need for paper charts

- › Following our July 2022 announcement on the exit from paper chart production, we engaged extensively with those affected, both UK and international
- › We did this through surveys, conversations and attendance at conferences and events
- › This highlighted the continued importance of paper charts, both for navigation and compliance
- › Without addressing this, continuing to exit to our original timescales would create unacceptable risk for mariners and those involved in safe navigation
- › We recognise that the maritime community is not ready without access to alternative products to support both national and international mariners





## What next for ADMIRALTY paper charts?

- › We will remain in paper chart production whilst safe navigation depends on it
- › We will continue to carefully assess the situation to ensure that production is aligned to market demand
- › We will look at how we produce and maintain the paper chart to identify where we can improve efficiency whilst meeting mariner needs for safe, compliant navigation





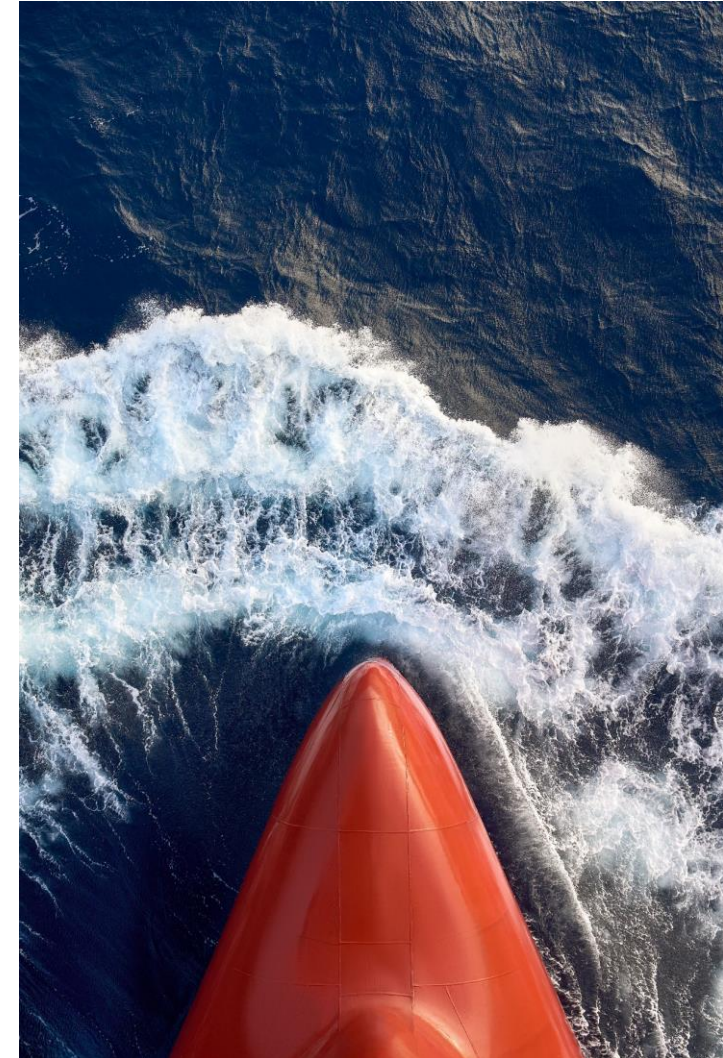
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# IHO ECS Project Team



# The need for international ECS standards

- › There is an international problem for compliance below ECDIS, and there are a wide variety of vessel types and use cases
- › This is why we support the IHO Electronic Chart System (ECS) Project Team (PT) to bring international partners together to understand the problem and guide future standards to support the sub-ECDIS mariner
- › As the IHO ECS PT progresses, we want to be clear that this is targeting ECS solutions rather than changes to ECDIS or developing new solutions
- › We have talked about sub-ECDIS. Considering the above, we will now discuss ECS solutions





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## IHO ECS Project Team

The IHO established the IHO ECS Project Team under the IHO Hydrographic Services & Standards Programme (HSSC), as part of the ENC Standards Maintenance Working Group.

The first meeting was in July 2023.

Objectives:

- › Identify and prioritise ECS navigation requirements
- › Analyse their impacts on current IHO hydrographic standards
- › Develop a set of recommendations/issues to be addressed by existing IHO bodies, external organisations, and Member States

Details of the Workplan and Membership can be found on the [IHO website](#).





# What is the IHO ECS Project Team doing next?

The IHO ECS PT have agreed the outline Work Plan and will now break this down to create a detailed plan.

We are keen to understand different segments and use-cases for ECS navigation and make informed decisions.

Therefore, the focus for this stage of the IHO ECS Project Team's work is information gathering:

- › Collate and assess similarities and differences in current standards
- › Survey key stakeholder groups through collaboratively agreed questionnaire

Key stakeholder groups:

- › National Hydrographic Offices
- › Original Equipment Manufacturers
- › National Regulators
- › Trade Associations across different vessel types and covering different regions
- › Mariners



# How you can get involved

- › First step is to complete the questionnaire which the IHO ECS PT is preparing to release
- › Once the IHO ECS PT analyses the results, they will look for areas where there are either gaps or where we require a more detailed understanding through 1:1 interviews, targeted workshops or further questionnaires
- › Both we and the IHO ECS PT are determined to ensure that we have coverage for different types and sizes of vessels and a wide global response







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Thank you

