



5th Meeting of the IHO Council

UKHO & Shom S-100 ECDIS Collaboration

Agenda Item 07.4A INF



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UKHO – SHOM S-100 ECDIS COLLABORATION

International
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Project as a risk assessment on the Dual Fuel mode of ECDIS

High level goals

- Develop S-101 understanding, from data production to ECDIS display;
- Safety case to support IMO approval of the S-100 ECDIS systems;
- Develop RENC capability and support industry on S-100 ECDIS;
- Build a testing framework for similar S-100 ECDIS testbed project.



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A long term, 3 phases project

Phase 1: Data production

- S-57 to S-101 conversion;
- ENC updating;
- ENC scheming (paper chart vs gridding).

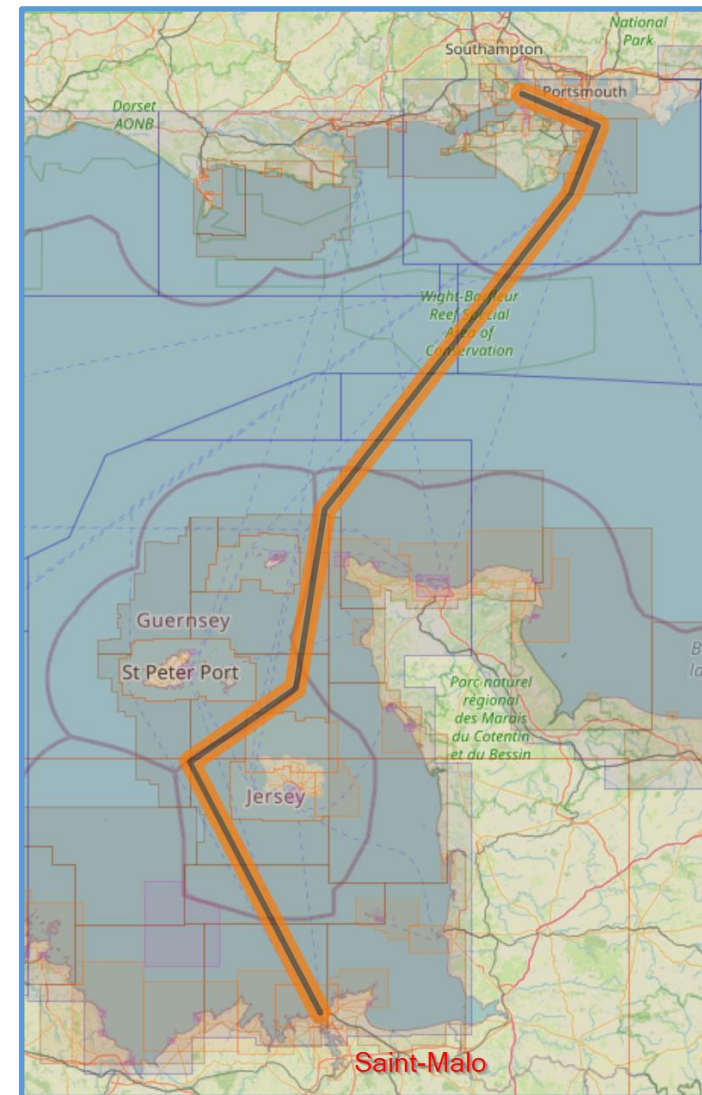
Phase 2: Data distribution

- HO to RENC data delivery;
- RENC validation;
- Cybersecurity: encryption, signatures, licensing, compression.

Phase 3: Display

- Sea trial

Regular reports to the IHO (S-100WG and S-101PT)



C-5, VTC, 19 – 21 October 2021



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THANK YOU

C-5, VTC, 19 – 21 October 2021