



UK Hydrographic
Office

Next Generation Sailing Directions

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September 2022



Why a new Digital Sailing Directions?

The key drivers behind the project.



What do our users say:

- ‘Our Users’ = Interaction with over 100 Navigating Officers, gained a rich understanding of what planning challenges Navigating Officers face.
- Liaised with a range of industry bodies and some HO’s
- Observed focus on technical S100 implementation without thought into how it will impact Navigating Officers
- Our focus is user centric design of S100 compliant products and services.

User research :

- Users want narrative text in their planning products
- Narrative context is valued as it simplifies interpretation of data
- Completely vectorised Publications are not wanted as that information exists elsewhere
- Vector data will enhance the text not replace it
- Many Navigating officers already feel ECDIS is already overloaded with data and do have concerns

“We carry your products because we must – we use other products to plan and navigate.”

What risks or limitations does the product currently face?

- ADMIRALTY e-NP Sailing Directions are hard to use
- Too many open applications slow down their PCs
- The narrative content of SDs is highly valued
- Users want a more 'ADP-like' experience for SDs
- Format of information leads to ability to react to change
- Too many supported ADMIRALTY planning applications
- Inability to evolve products without major releases
- Licencing and sales models not aligned between products



Our Vision

What we're doing to fix this



The Vision

1. A single ecosystem for presenting ADP products to users
2. Combination of textual content with a geo view for displaying routes and features
3. Can be integrated into ADMIRALTY distributor planning software
4. Also available as a standalone installed application
5. SDs followed by aligned products such as ADRS vols 2 & 6
6. Supports any new data standards, such as S100
7. We have engaged with the Maritime & Coastguard Agency supportive of helping to endorse new product.



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Our Roadmap

Key milestone

Phase Objectives

alpha Oct - Dec 22

- ✓ Prove the principle functionality and technology for front and back-end systems
- ✓ First iteration of customer application that can be shared with users
- ✓ Continued feedback look with Users to de-risk development.
- ✓ Improve understanding of data migration process

- ✓ Small group of selected users.
- ✓ Product limited to Solent (UK).
- ✓ Continue to prove the evolving functionality with external users
- ✓ Evolve understanding of the data migration process

private beta Mar – Jun 23

- ✓ Beta available to all users
- ✓ Sufficient coverage to allow real planning on key routes.
- ✓ Iterate the solution based on user feedback from public beta.
- ✓ Deliver additional features to achieve a saleable Sailing Directions Product

public beta Jul – Dec 23

- ✓ Launch product
- ✓ Continue and complete migration of all SD books.
- ✓ Evolution of user application based on user feedback
- ✓ Public release of integrated capabilities.
- ✓ AdmiraltyViewer Online

Live Spring 24



Migration

Our plans for rollout and data migration

Migration

Migrating our 76 Sailing Direction volumes will take several years.

We are plan to focus our migration order on volumes with the most users.

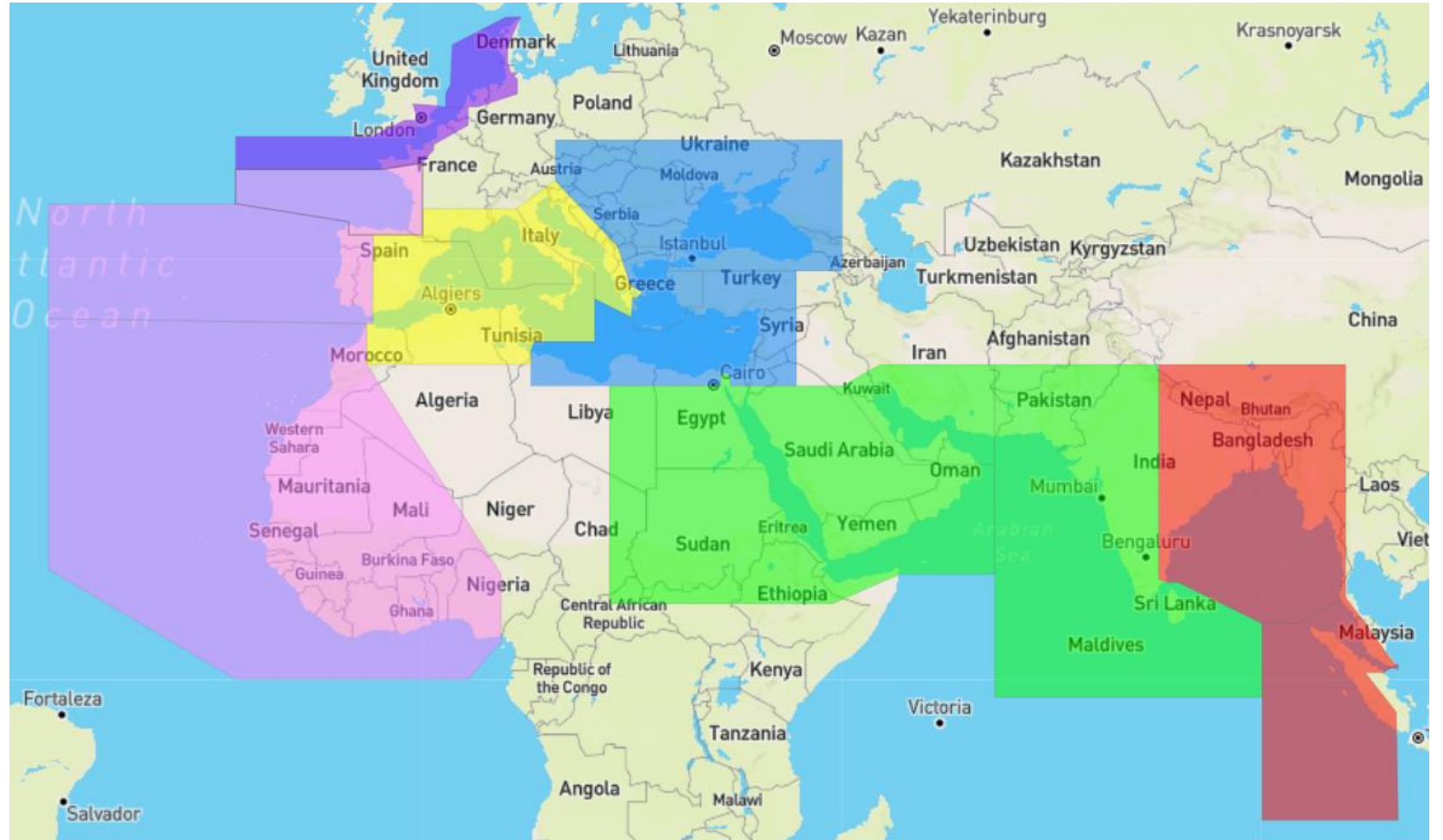
Starting with the 16 volumes that cover the route between Northern Europe and Singapore (through the Suez Canal).



Migration

Phase 1:

16 volumes from N Europe to Singapore





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Any Questions?