



S-123 for German Waters

WEND(S) solution proposals



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CREATION OF S-123 FOR GERMAN WATERS

International
Hydrographic
Organization

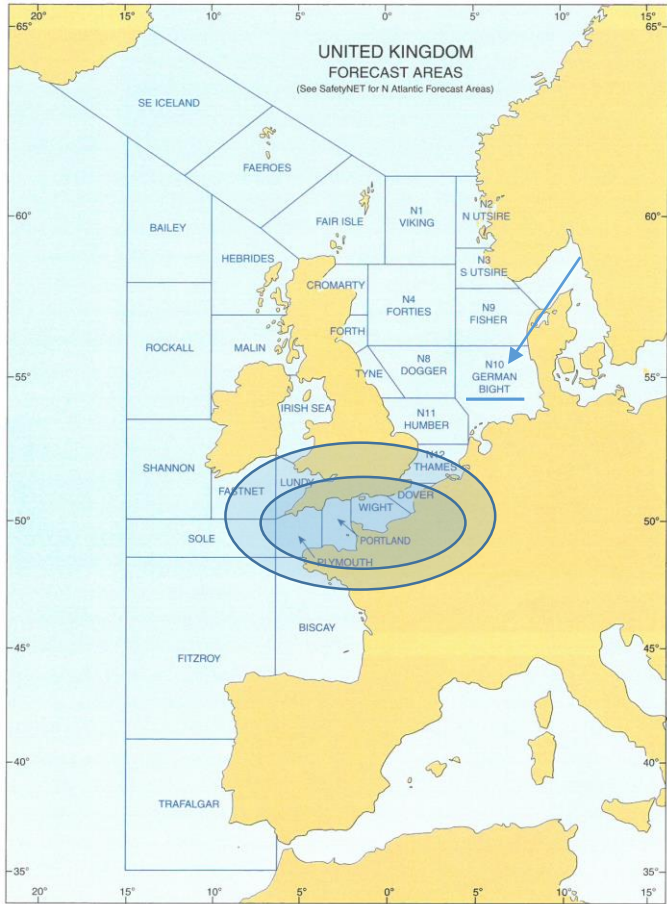
- Radio stations provide weather information for areas which exceed the relevant national boundaries.



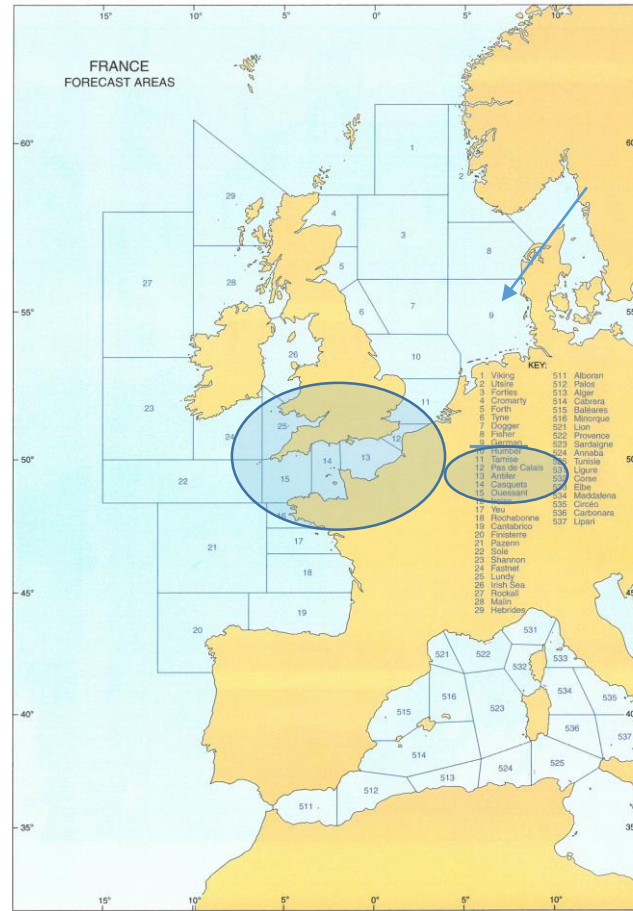
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NORTH SEA AREAS

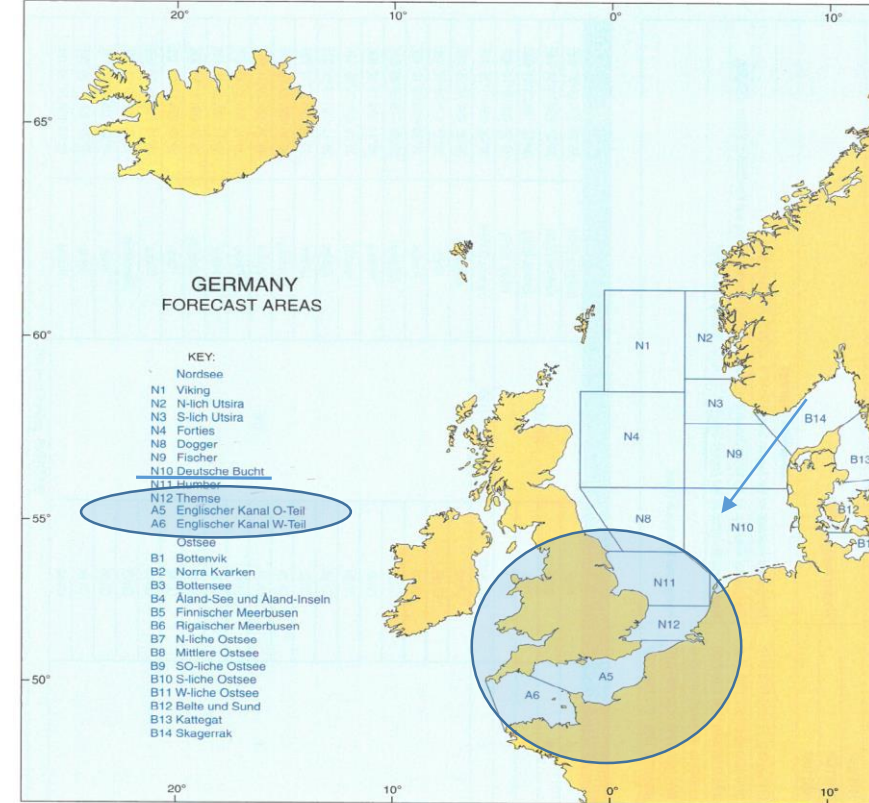
International Hydrographic Organization



UK



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CURRENT WEND PRINCIPLES AND S-52

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- Coastal States are not allowed to provide information for areas which go beyond the EEZ.
- If done, use S-52 approach:
 - 10.1.3 Data Overlaps
 - The S-57 Product specification for ENC prohibits data overlaps in ENC cells of the same usage band.
 - “
 - Where an overlap of two or more cells exists the ECDIS must only display one cell for the overlap area and provide a permanent and persisting indication “overlap”.



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WORDWIDE APPLICABLE SERVICES/AREAS

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- ***Service: MEDICO, general weather services, nav or weather warning services, communication services, facsimile services***
- ***Areas: Navigational Meteorological Area, GMDSS Area, Inmarsat Ocean Region Area***
- These areas and the services applied exceed the EEZ in some parts. The limits of the areas are internationally agreed and defined.
- The question is, could this be encoded in a separate S-123?
 - The challenge: interaction of two S-123 product contents.



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POSSIBLE SOLUTIONS

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- Stint data provision strictly to EEZ
 - Information provision for areas with no EEZ on agreement
- Allow multiple providers/products for one area
 - Apply current S-52 approach