S-124 Development Update

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Ongoing Activities

- Data Modelling
  - Several iterations of implements outcomes form 2016 review.
  - Input from STM and SMART Navigation projects improved data model.
  - WWNWS10 decided NtM T/P should not be included.
  - The warning type code list is very long.
    - Consideration given to grouping values and breaking it down into sub lists that are bound together by a complex attributes.
    - Alternative is to accept the list is long and leave each implementation to group the values as best suit the producer.
- Product Specification
  - Development started, plan is to have first draft ready late 2018.
  - Some issues to be addressed; metadata, dataset types, maintenance of data.

Product Specification issues

- how to maintain Navigational Warning datasets in an ECDIS environment;
- defining the datasets;
  - New dataset
  - New dataset self-cancelling
  - New dataset with cancellation
  - New dataset with cancellation self-cancelling
  - In force-bulletin
- establishing exchange set metadata.

Other developments

- Test case development; work lead by KRISO.
- Navigational Warning service technical service description is being developed by Sweden.
- SMART Navigation Project assisted in drafting symbols for NW.
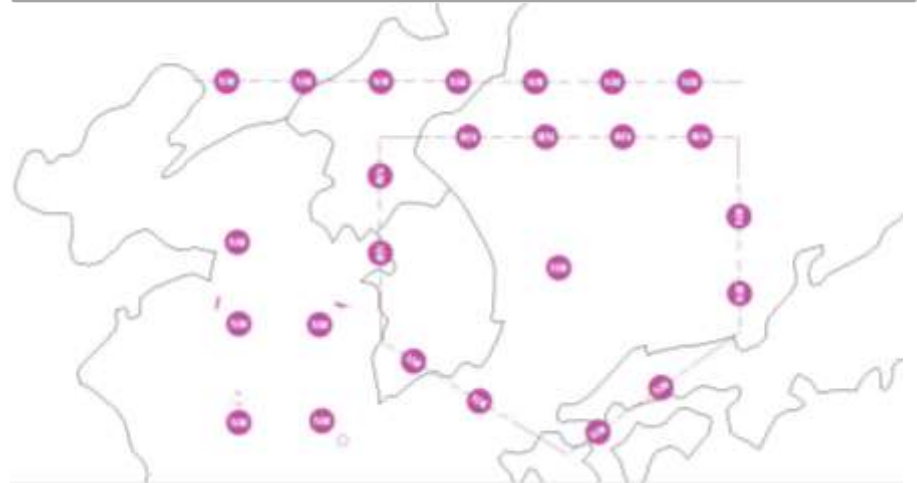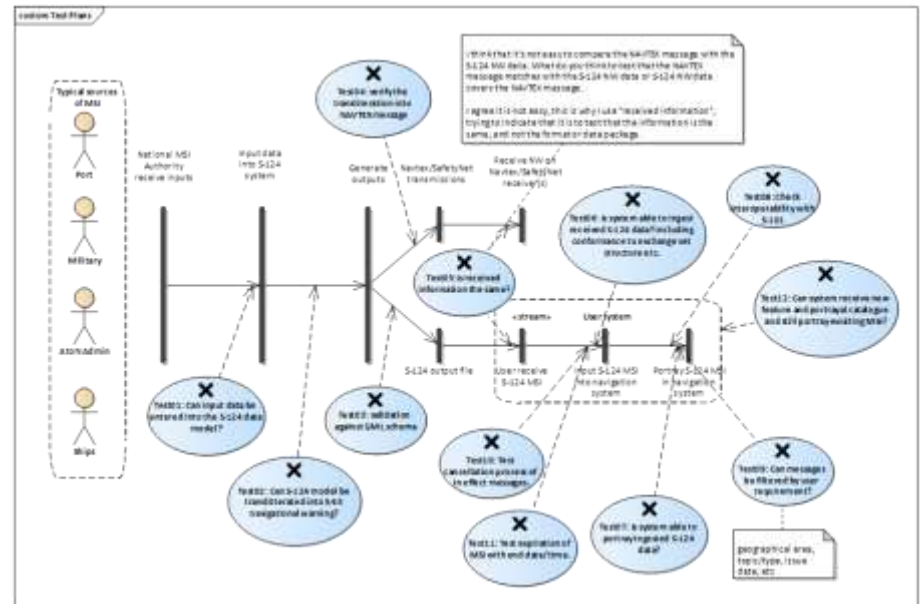
Challenges

- Maintenance of S-124 datasets. A proposal for the types of datasets needed for S-124 data maintenance is included in the report, and WWNWS is requested to comment.

- Paradigm shift in navigation makes the scope of NW somewhat uncertain. E.g. the traditional handoff between NW and NtM may change and NtM become obsolete.

Thank you for your attention