

For WWNWS11

Report of the S-124 Workshop outcomes

Unable to finish review of Draft 2.0 comments, will do so by correspondence.

Recommendations regarding Portrayal of NW messages

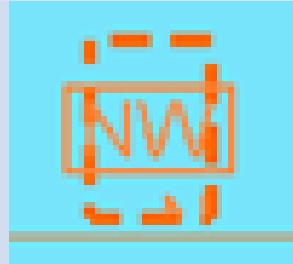
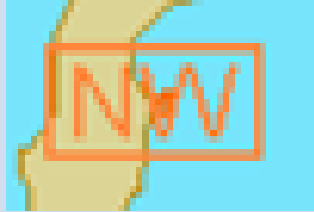
Navigational Warning and Weather Warning (S-412) are different symbols. (These are both MSI, but have different packaging.)

- One symbol for all types of navigational warnings. (“NW” in some format). No colour differentiation between types of hazards.

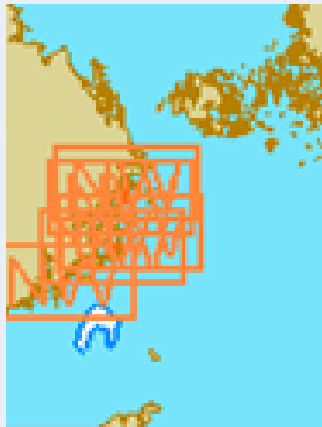
Recommendation:

- Navigational Warning layer cannot be turned off (or when is it safe to turn off during route monitoring?).
- No need for filtering which types of warnings to show (e.g. local vs coastal).
- Filtering: no spatial, topic, or route. Temporal is still important.
- Navigational Warnings will be filtered by the extend of the chart pane (i.e. chart will show all NW on screen, except those temporally out of range (graphical restriction)).

Point, line and area representation
Day, night and dusk colour palettes.

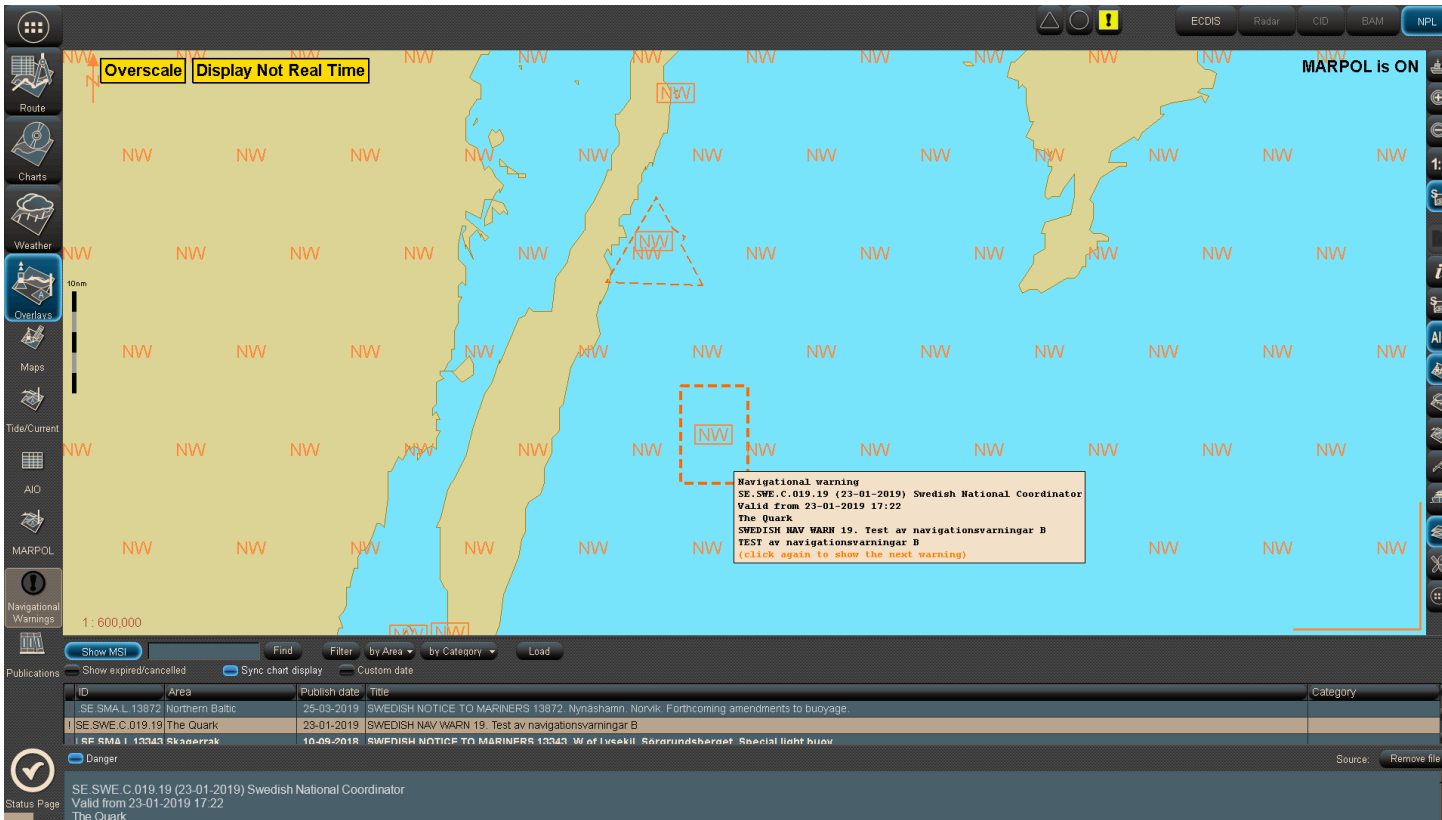


Common problem for all products. S-124 should follow align with ENC's portrayal logic to resolve this.



Proposal to reduce clutter into a symbol indicating NW symbol both individual and to indicate a group.

Symbol should have two version, one for not acknowledged information and one for acknowledged information. Portrayal should also include a function to reset the new navigational warnings received for when a new officer comes in to see what they are.



There needs to be a visualization of the affected area that is not intrusive (e.g. a light tinting of the selected area which is temporary) (e.g. outage of a light has an affected area related to its nominal range).

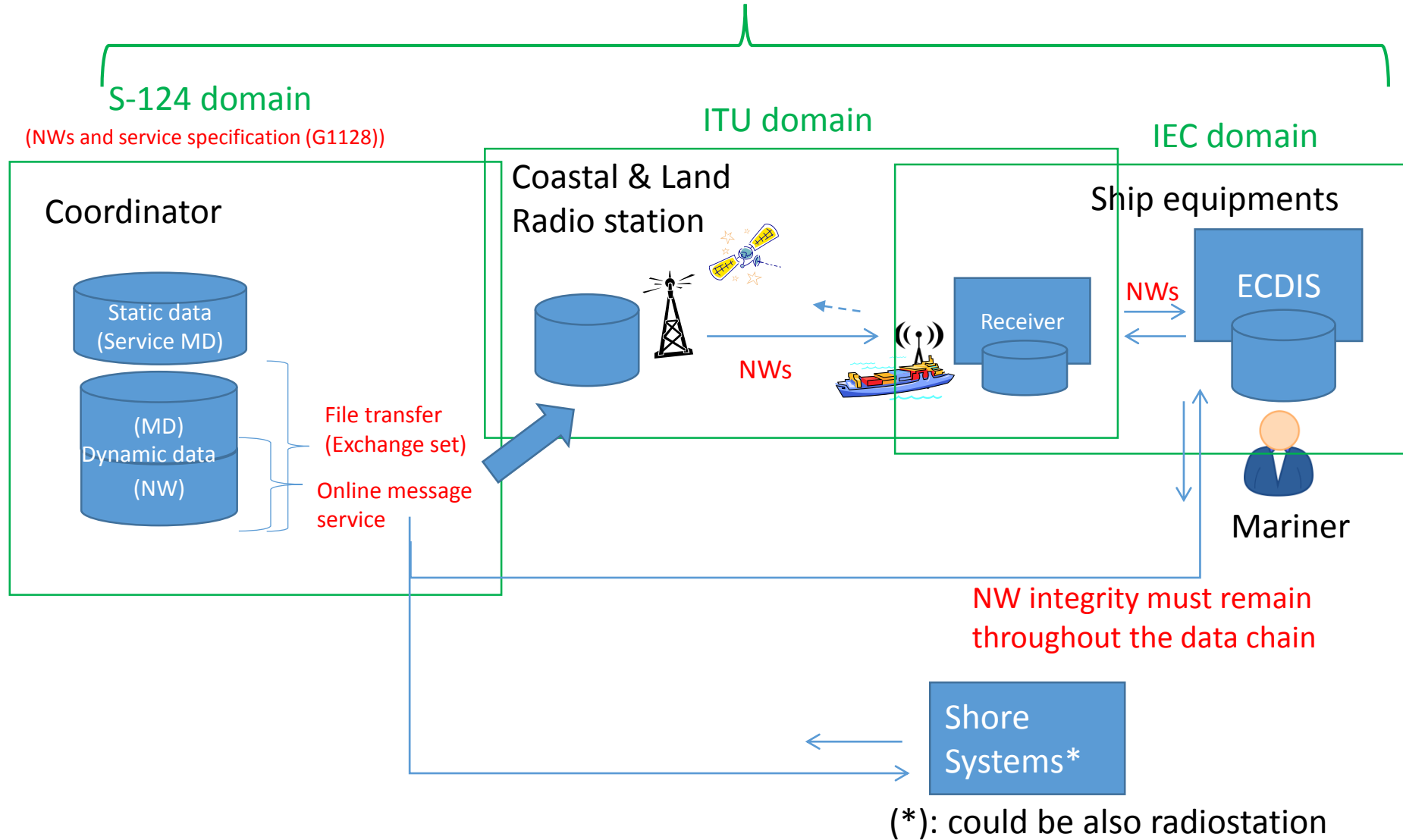
Portrayal of approximate positions

- At what decimal point should there be a flag to show that the coordinate given is an approximate position (with the producer using the words “observed around/about,” etc.)?
- At what decimal point would there be enough detail to show that it is a very specific point?

Accuracy of Latitude and Longitude decimal degree decimal places

decimal places	degrees	distance
0	1.0	111 km
1	0.1	11.1 km
2	0.01	1.11 km
3	0.001	111 m
4	0.0001	11.1 m
5	0.00001	1.11 m
6	0.000001	0.111 m
7	0.0000001	1.11 cm
8	0.00000001	1.11 mm

IMO/GMDSS/WWNWS
(GMDSS modernization plan – NCSR 4/29 annex 11
Maritime Connectivity Platform (MCP) could be added)



- Presentations from two testbeds; SMART Navigation Project and STM Validation project.
- The group recommends that the Product Specification is not in a state where it is sufficiently complete to start planning for an impact study.
- The timeline for S-124 was discussed, and it is recommended to change the correspondence group into a project team to speed up the development with the aim of a version 1.0.0 at the end of 2020.