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Annex 4: Example cases for found inconsistencies [Draft by 29 August 2007]

This Annex contains the Example cases of found inconsistencies discussed at the ENC harmonisation meeting between Finland and Sweden in Helsinki on 27 – 28 August 2007.

Case1: Bay of Bothnia Discontinuing depth areas between Finland and Sweden

Display scale:

SWE cell:

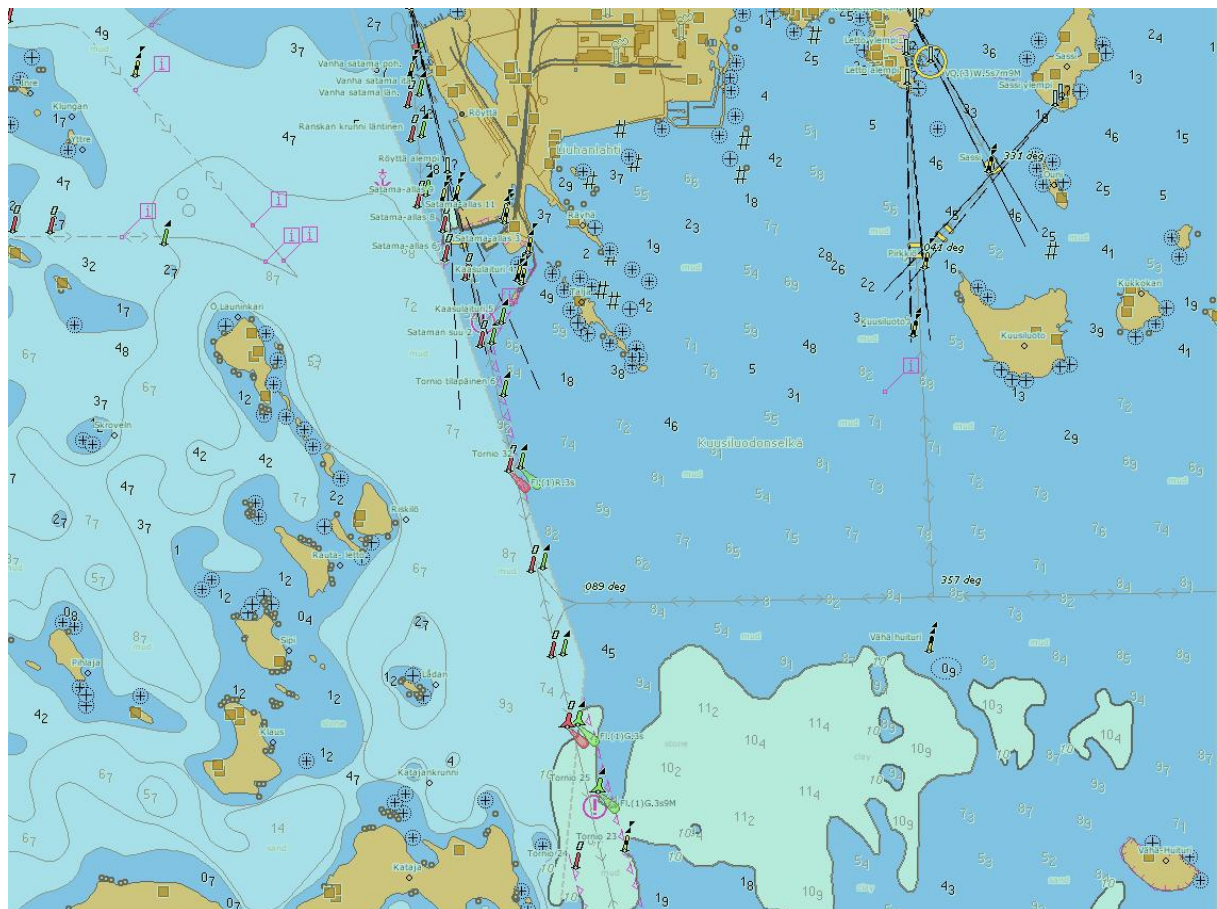
FIN cell:

File:

depths.jpg

compilation scale:

compilation scale:

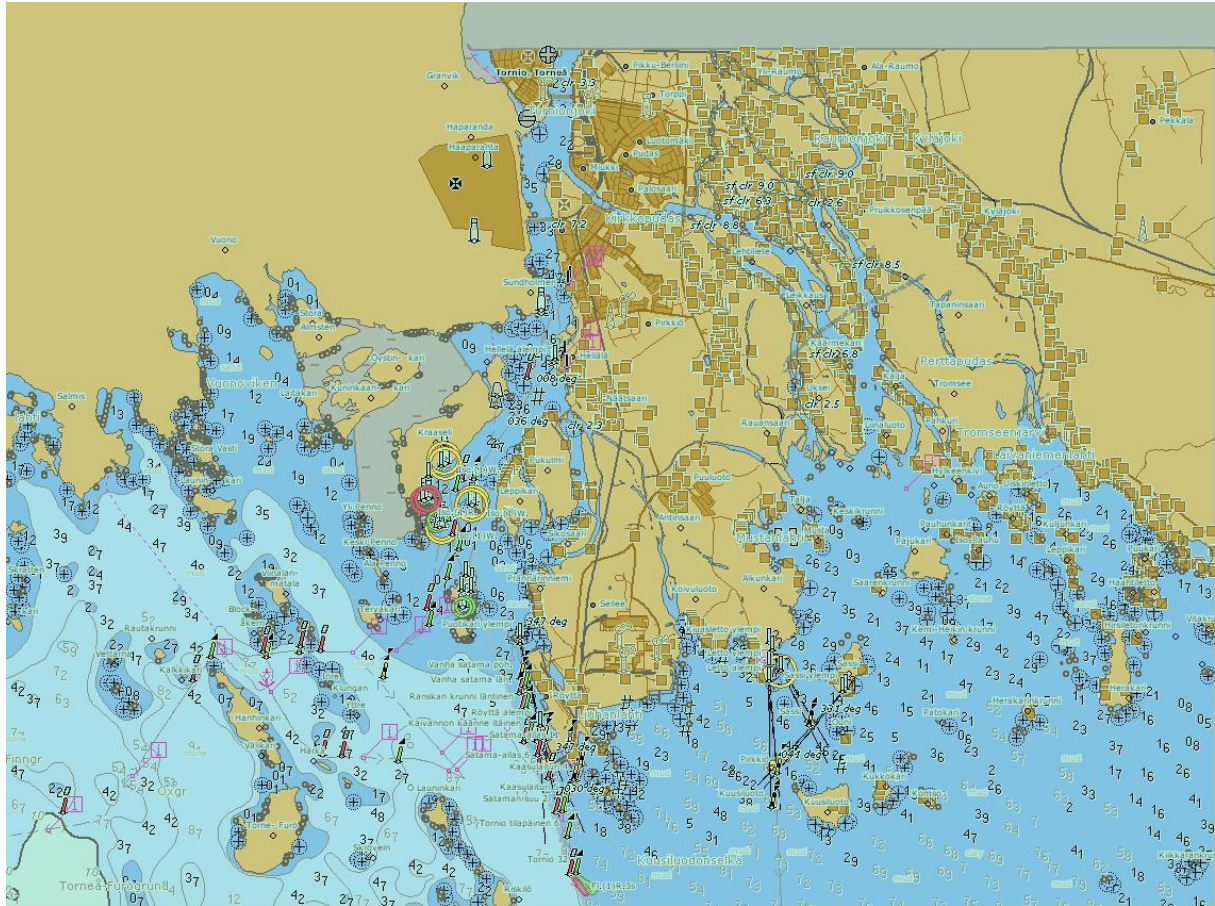


Comments:

- Sweden uses depth contours of 3, 6, 10 and 15 meters and corresponding depth areas.
- Finland uses only depth contours of 10, 20 and 50 meters. Safety contour in this picture is 10 meters.

Case2: Differences between data contentsDisplay scale:SWE cell:compilation scale:FIN cell:compilation scale:File:

landdata.jpg

**Comments:**

- Finland: Contains more buildings and rural areas, roads, soundings, value of SCAMIN is not the best possible, contents of the cell should be considered
- Sweden: Contains more contours

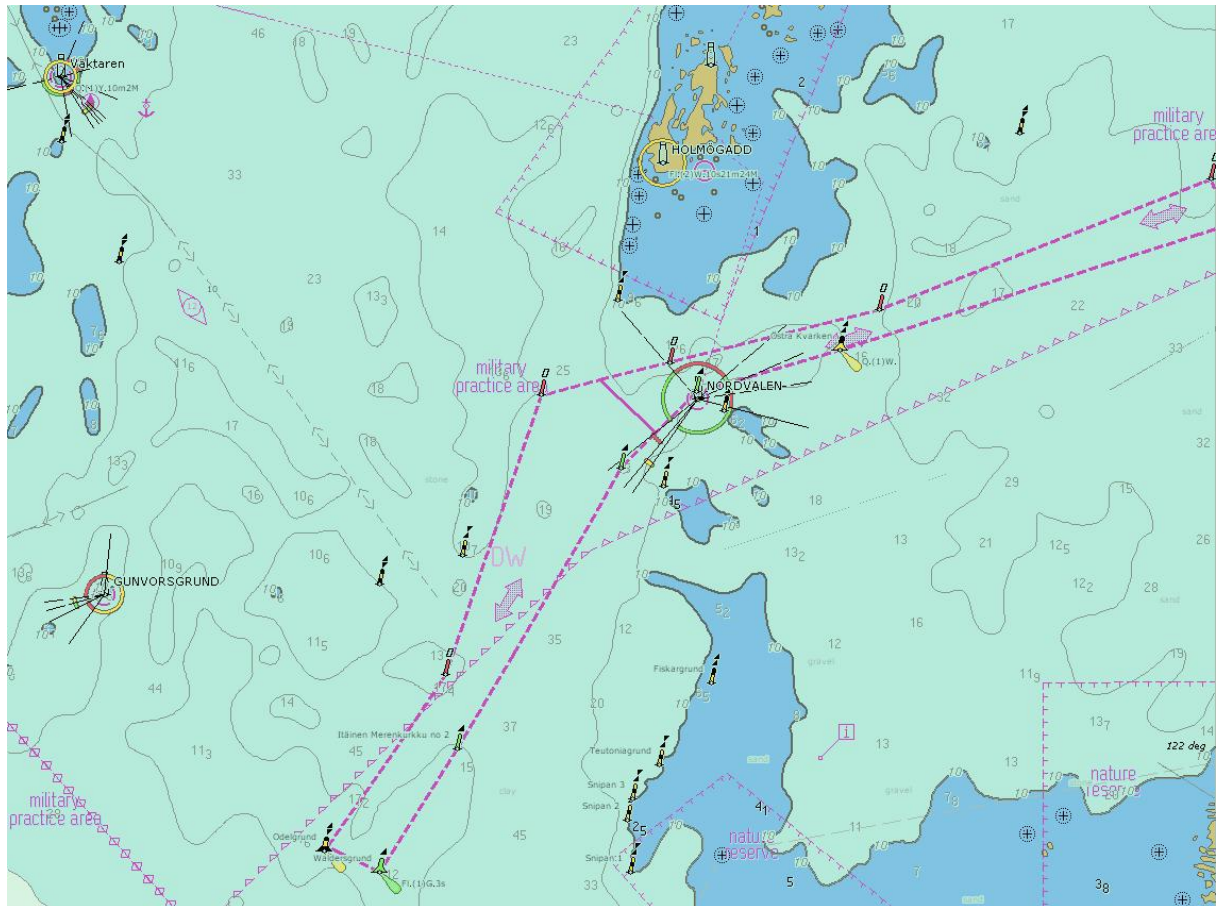
Case 3: General ENCs in Kvarken
Swedish ENC at compilation scale, Finnish ENC at overscale

Display scale: 1:90 000

SWE cell: compilation scale: 90 000

FIN cell: compilation scale: 180 000

File: ENC2_90000_Kvarken.jpg



Comments:

- Finland has not achieved target coverage for this area yet, there will be larger scale cells in the future.
- Navigationally important area is located in the Swedish side.

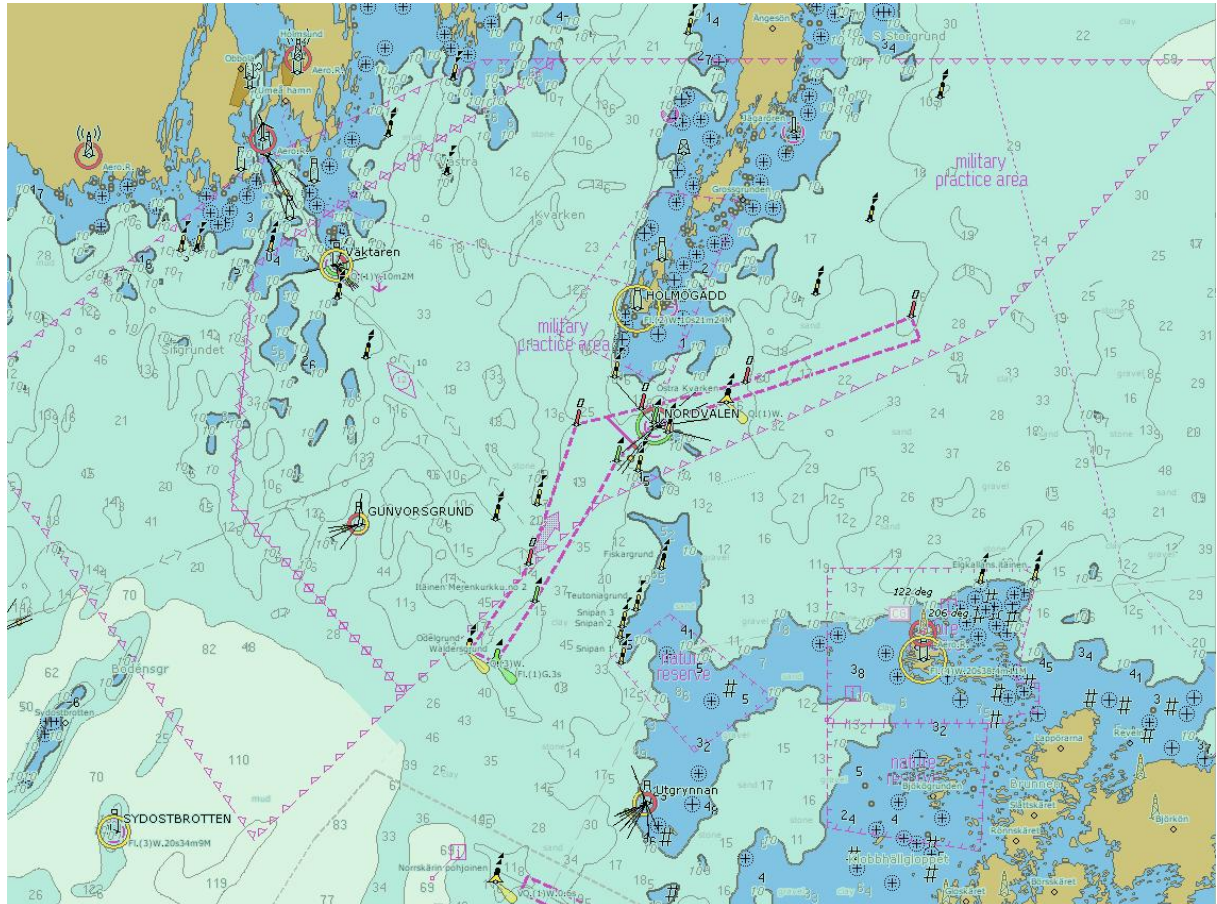
**Case 4: General ENCs in Kvarken (as Case 3, but at different scale)
Finnish ENC at compilation scale**

Display scale: 1:180 000

SWE cell: compilation scale: 90 000

FIN cell: compilation scale: 180 000

File: ENC2_180000_Kvarken.jpg



Comments:

- See comments in the previous case.

Case 5: **See area on Finnish – Swedish border.**
Inconsistencies in density of soundings.

Display scale:

SWE cell:

compilation scale:

FIN cell:

compilation scale:

File:

ENC2_180000_1.jpg



Comments:

- There are more soundings in the Finnish cell.

Case 6: **See area on Finnish – Swedish border.**
Inconsistencies in cables.

Display scale:

SWE cell:

FIN cell:

File:

compilation scale:

compilation scale:

ENC2_180000_2.jpg



Comments:

- FIN: Restriction area on top of cable (trawling and anchoring prohibited)
- SWE: No restrictions
- Also differences on density of soundings.

Case 7: **See area on Finnish – Swedish - Estonian border.**
Good example - No inconsistencies found.

Display scale:

SWE cell:

compilation scale:

FIN cell:

compilation scale:

File: ENC2_180000_3.jpg



Comments:

- If the border lines were not shown it may be difficult to notice the borders.

Case 8: Cluttered display around Åland.
Point objects clutter the display on Finnish side.

Display scale:

SWE cell:

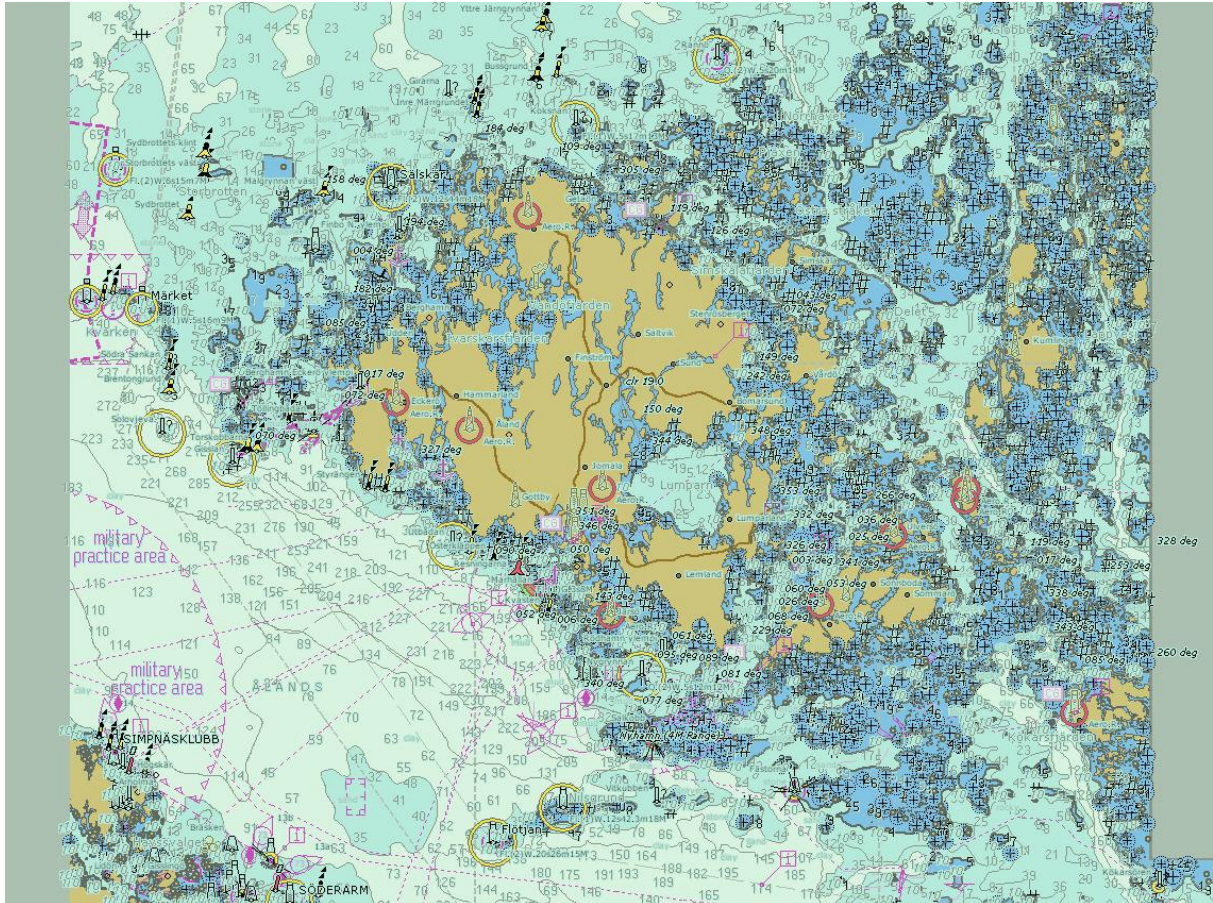
compilation scale:

FIN cell:

compilation scale:

File:

ENC2_bad_example.jpg



Comments:

- There are lots of point objects (especially rocks) in the Finnish cell.
- Also the density of soundings is high.

Case 9: **Bay of Bothnia, Approach cells**
Differences in depth areas, land information, and in the use of
attribute SCAMIN.

Display scale:

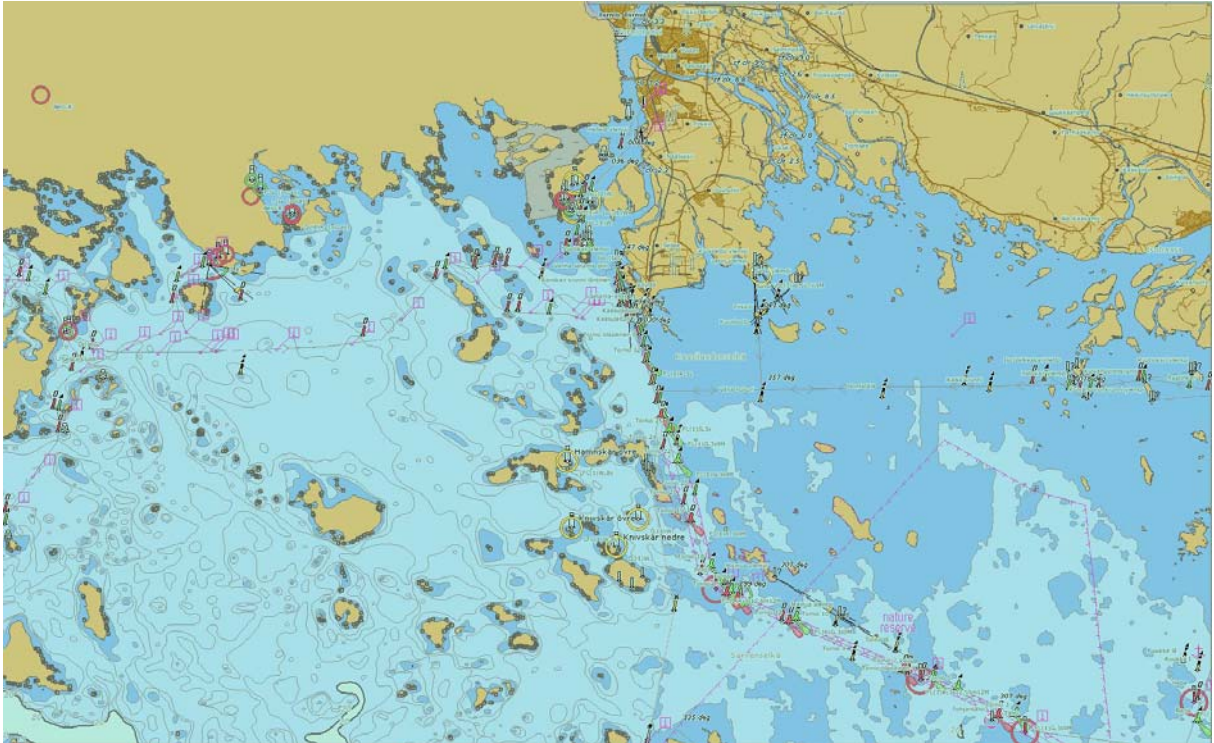
SWE cell:

compilation scale:

FIN cell:

compilation scale:

File: ENC4_90000.jpg



Comments:

- FIN: SCAMIN in use for land area point objects.
- SWE: No SCAMIN for these.

**Case 10: Approach ENC on Bay of Bothnia. Safety contour 10 m.
Discontinuing depth areas across border.**

Display scale:

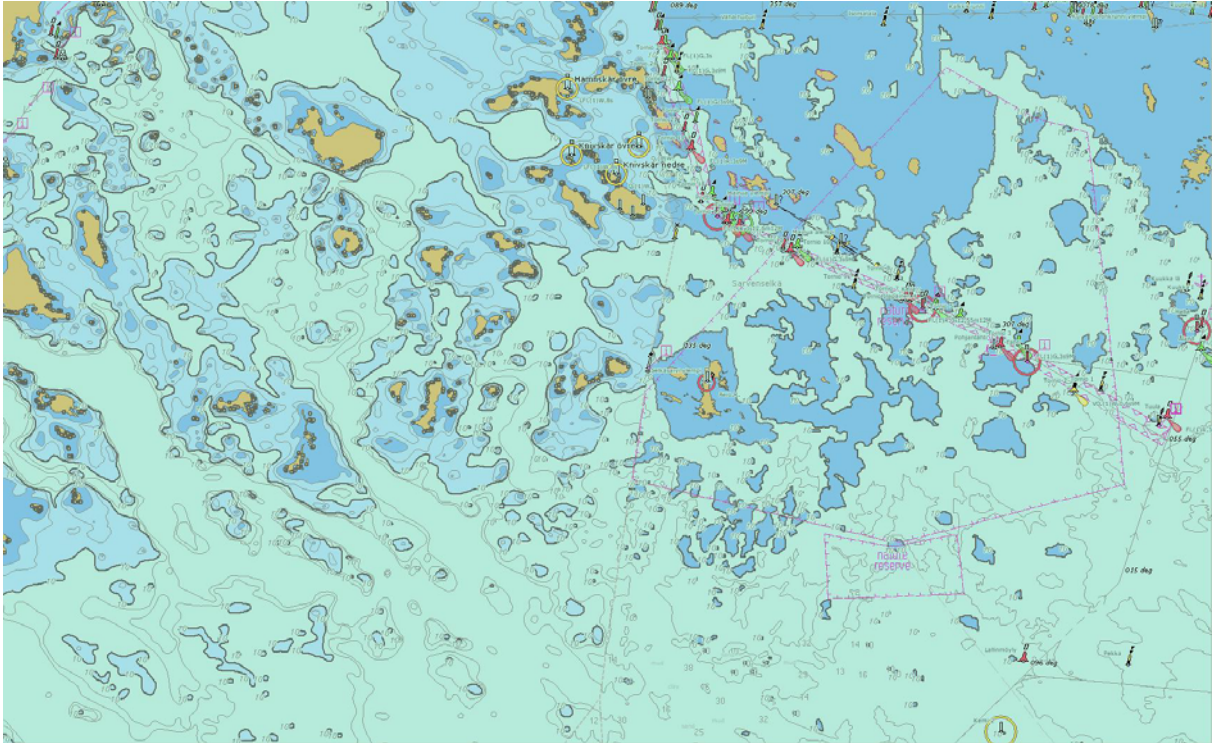
SWE cell:

compilation scale:

FIN cell:

compilation scale:

File: ENC4_90000_2_10m.jpg



Comments:

- Sweden uses depth contours of 3, 6, 10 and 15 meters and corresponding depth areas.
- Finland uses only depth contours of 10, 20 and 50 meters.
- Safety contour in this picture is 10 meters.