



Nautical Cartography Working Group

Proposal by Germany

New portrayal solution

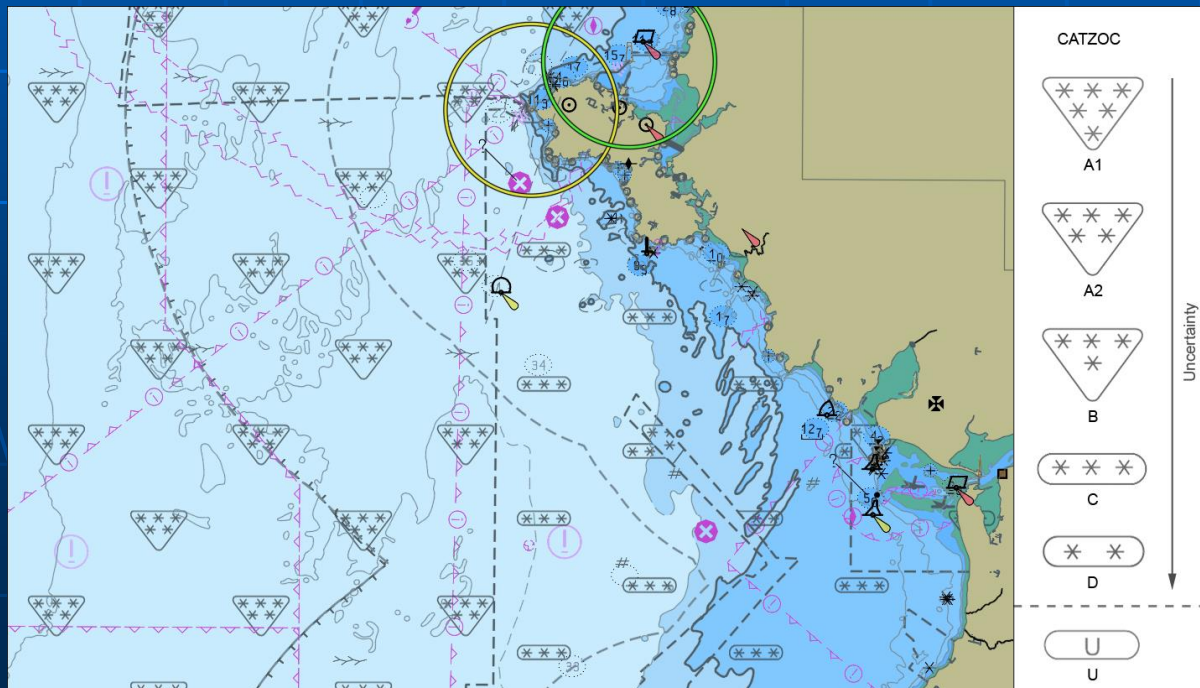
for

Data Quality Indicators (M_QUAL/CATZOC)

Background

✦ Current situation

- Insufficient acceptance of CATZOC symbolization
- Insufficient understanding of CATZOC meaning



Development of new solutions

✦ Data Quality; 5 level approach

- Quality Level 1/Oceanic
- Quality Level 2
- Quality Level 3
- Quality Level 4
- Quality Level 5/Unassessed



Development of new solutions

- ✦ Data Quality Portrayal
 - No accepted solution available



Development of new solutions

- ✦ What to do?
 - Invite fresh idea
 - Open the horizon
 - Check scientific approaches



Research on alternative solutions

- ✦ Contracting partner
 - Fraunhofer Institute for Graphic Solutions
- ✦ Research and consideration of existing proposals



What
Where
How



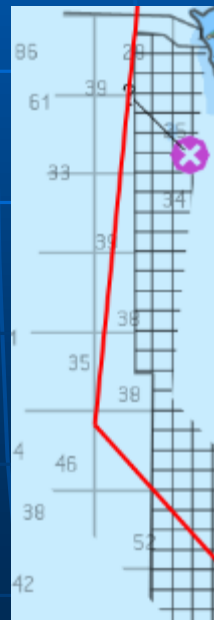
Proposal

- Visualisation only along the route by defined wide (depending of ship's speed)
- Texture overlay with different levels of transparency

Less texture

more transparency

more quality data



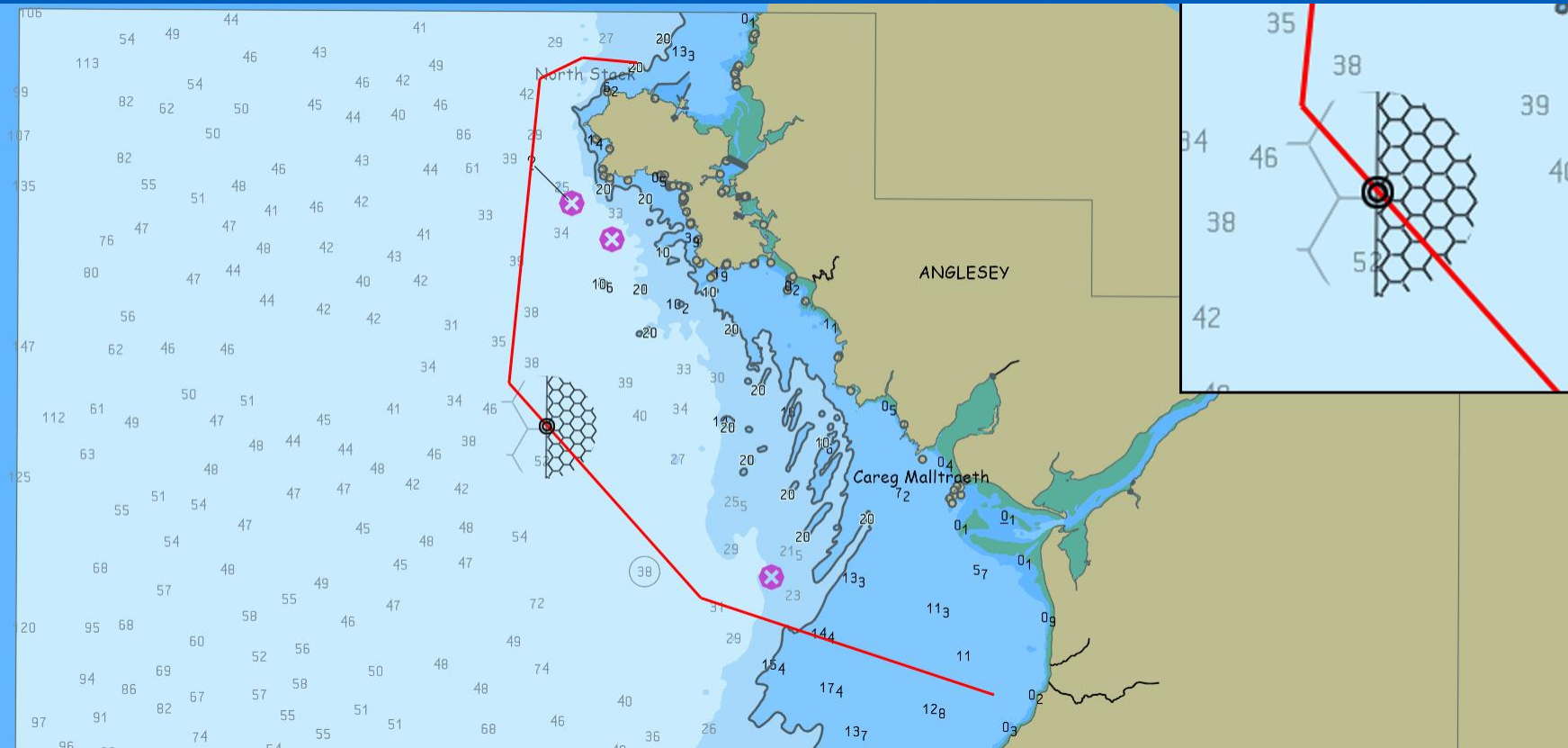
dense texture

less transparency

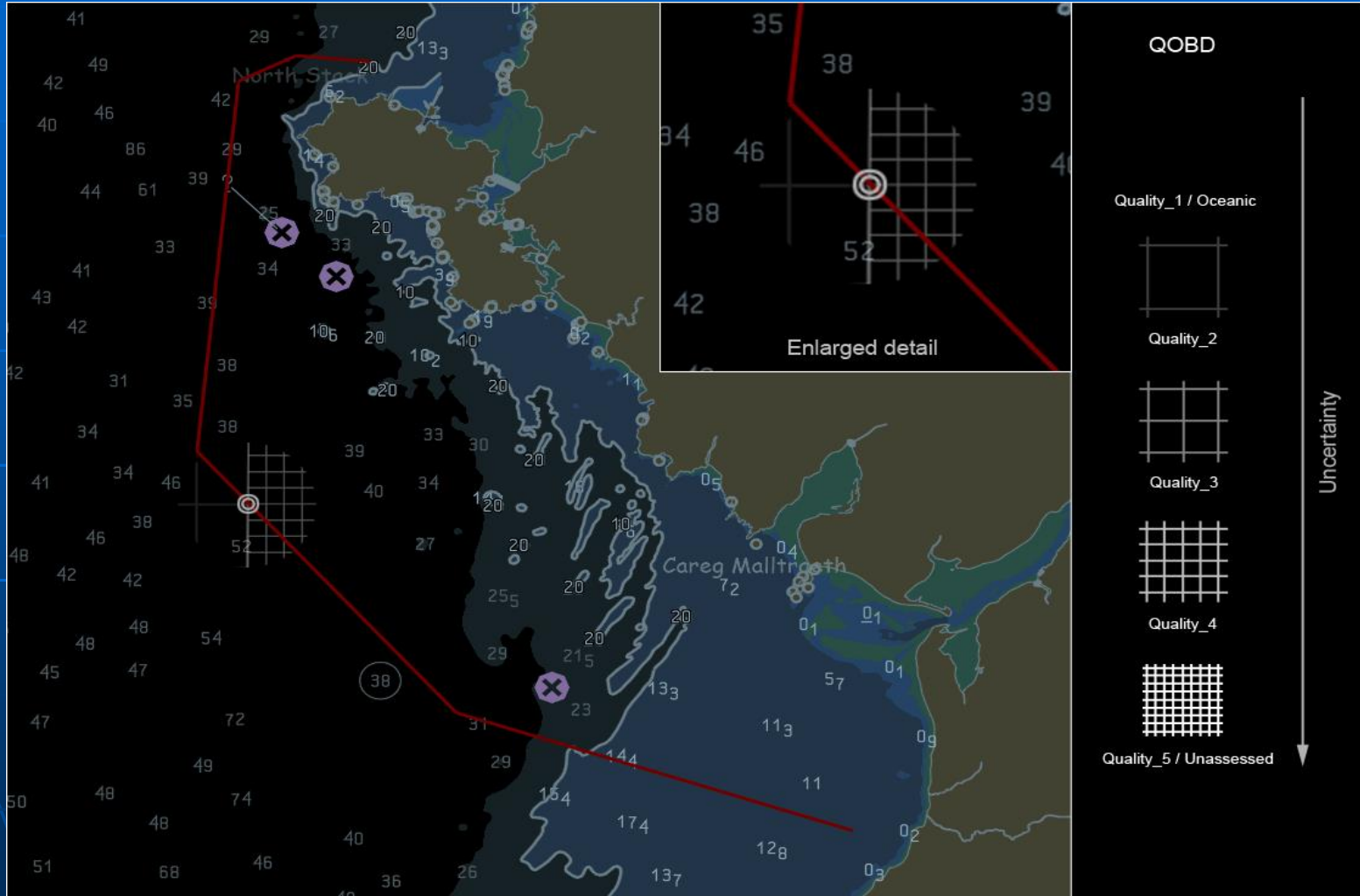
less quality data



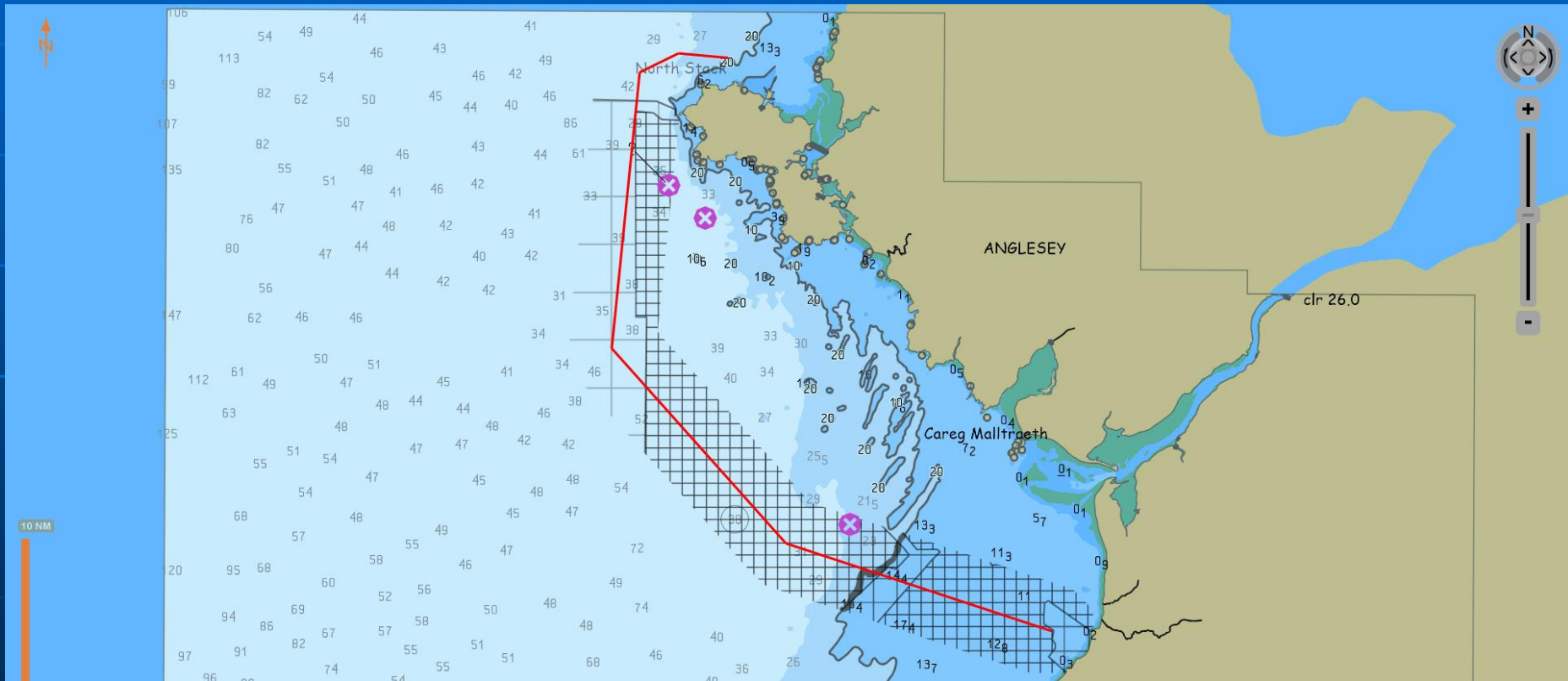
Proposal



Proposal



Proposal



Action requested of NCWG

- ✦ Take note of the paper
- ✦ Discuss and consider the paper
- ✦ Continue the development of the portrayal of data quality indicators

