

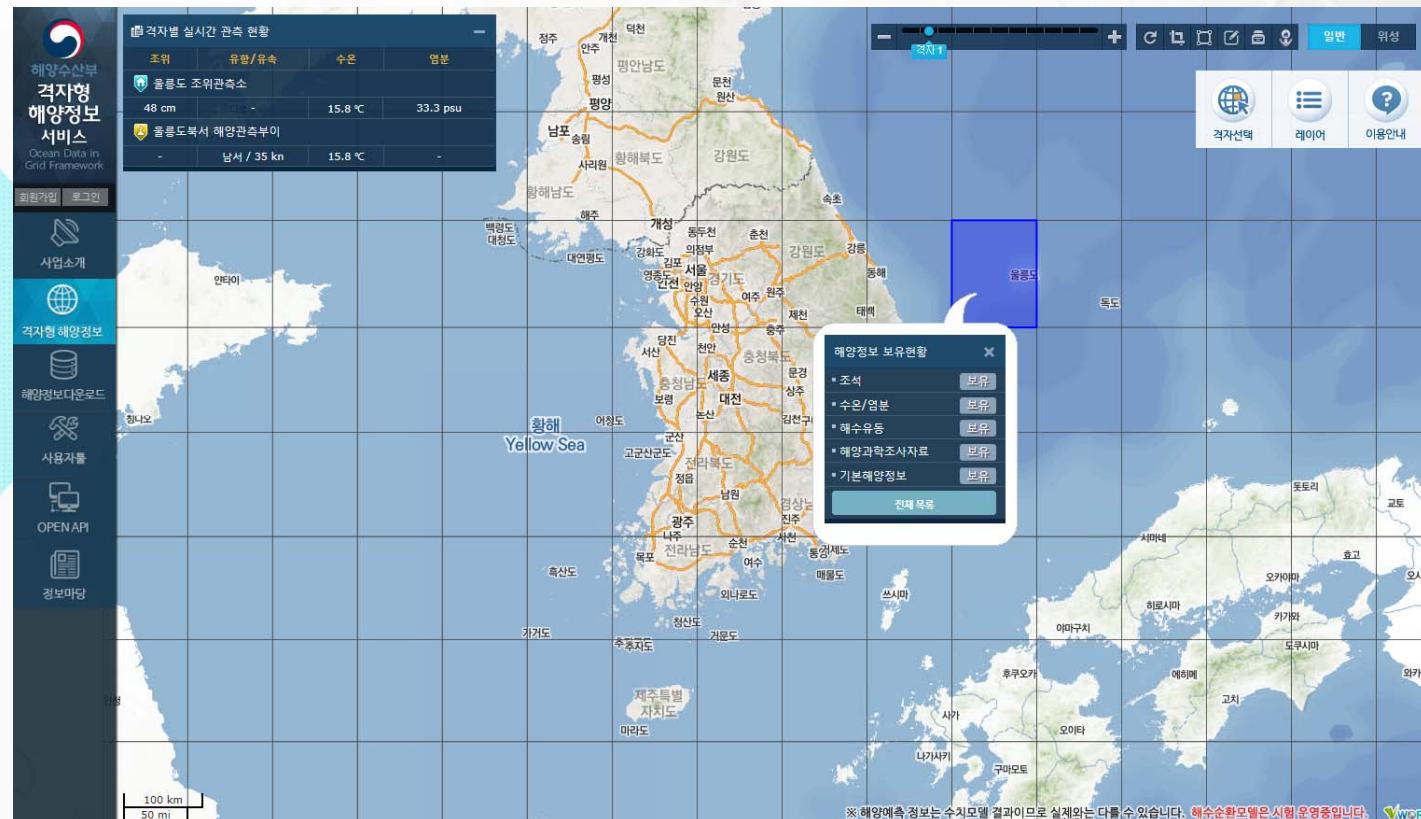
Future Concept of Special overlay for Navigational Information

May 2017





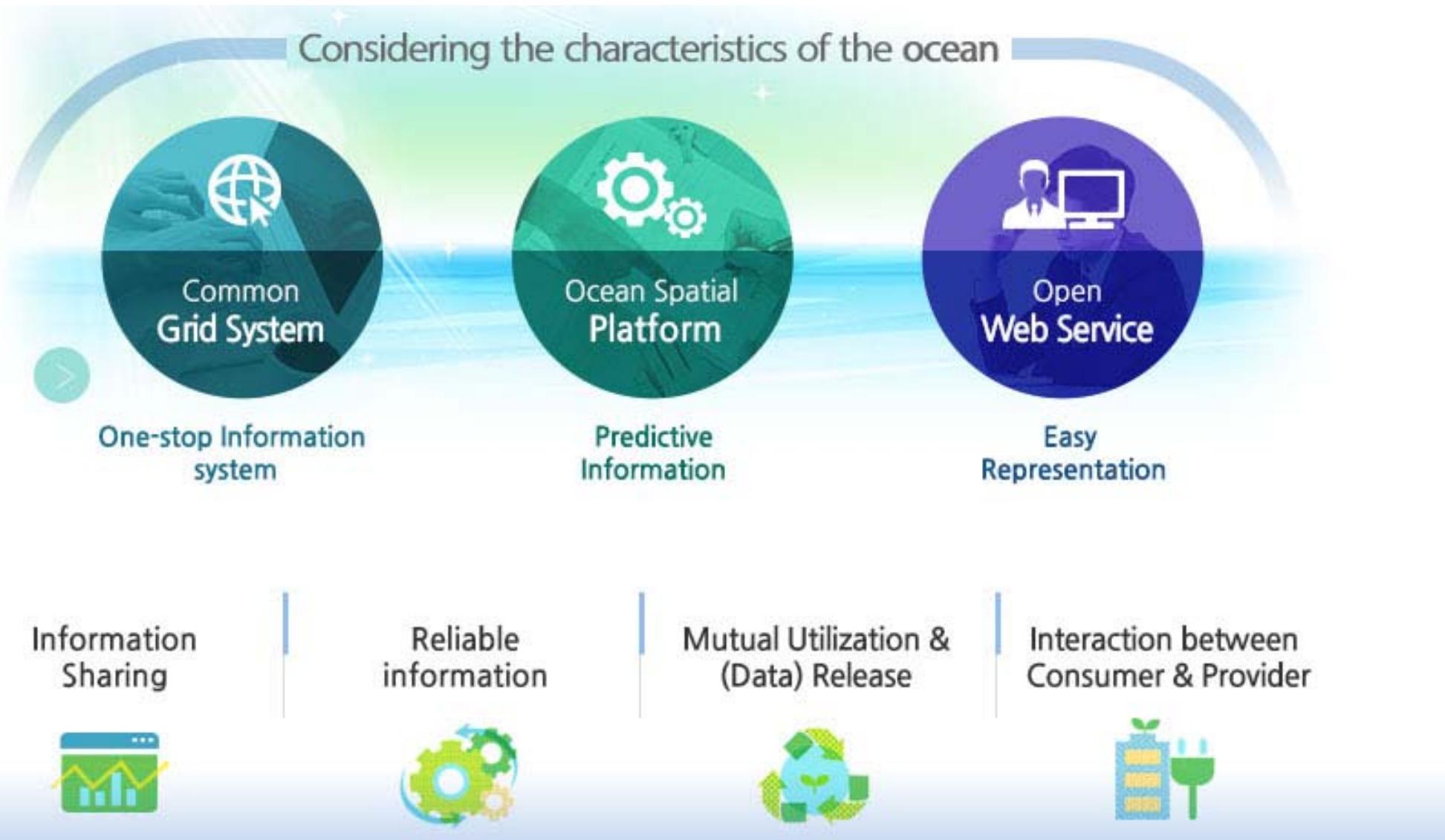
Ocean Data in Grid Framework



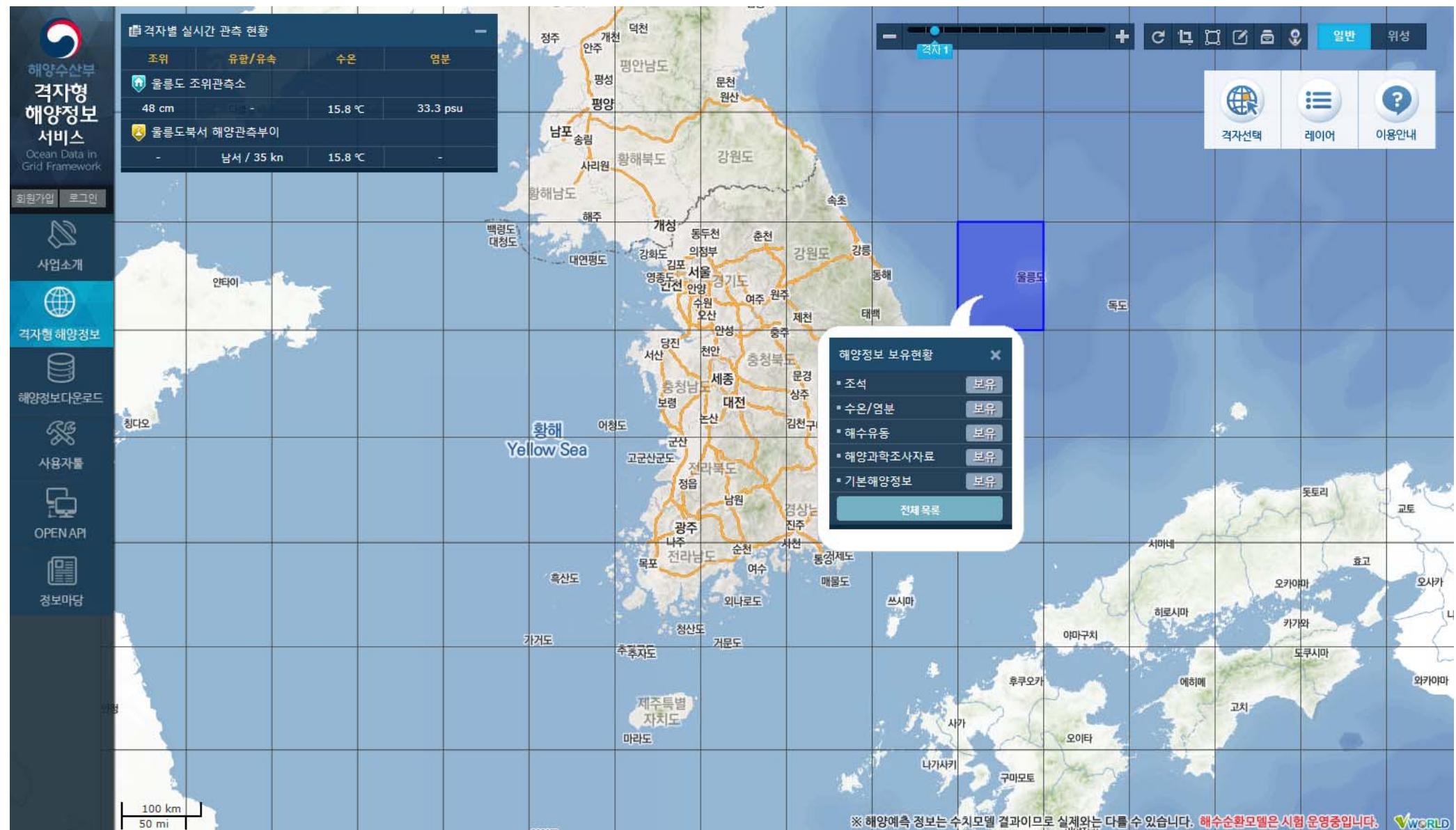
<http://www.khoa.go.kr/oceangrid/khoa/intro.do>

Background & Concept

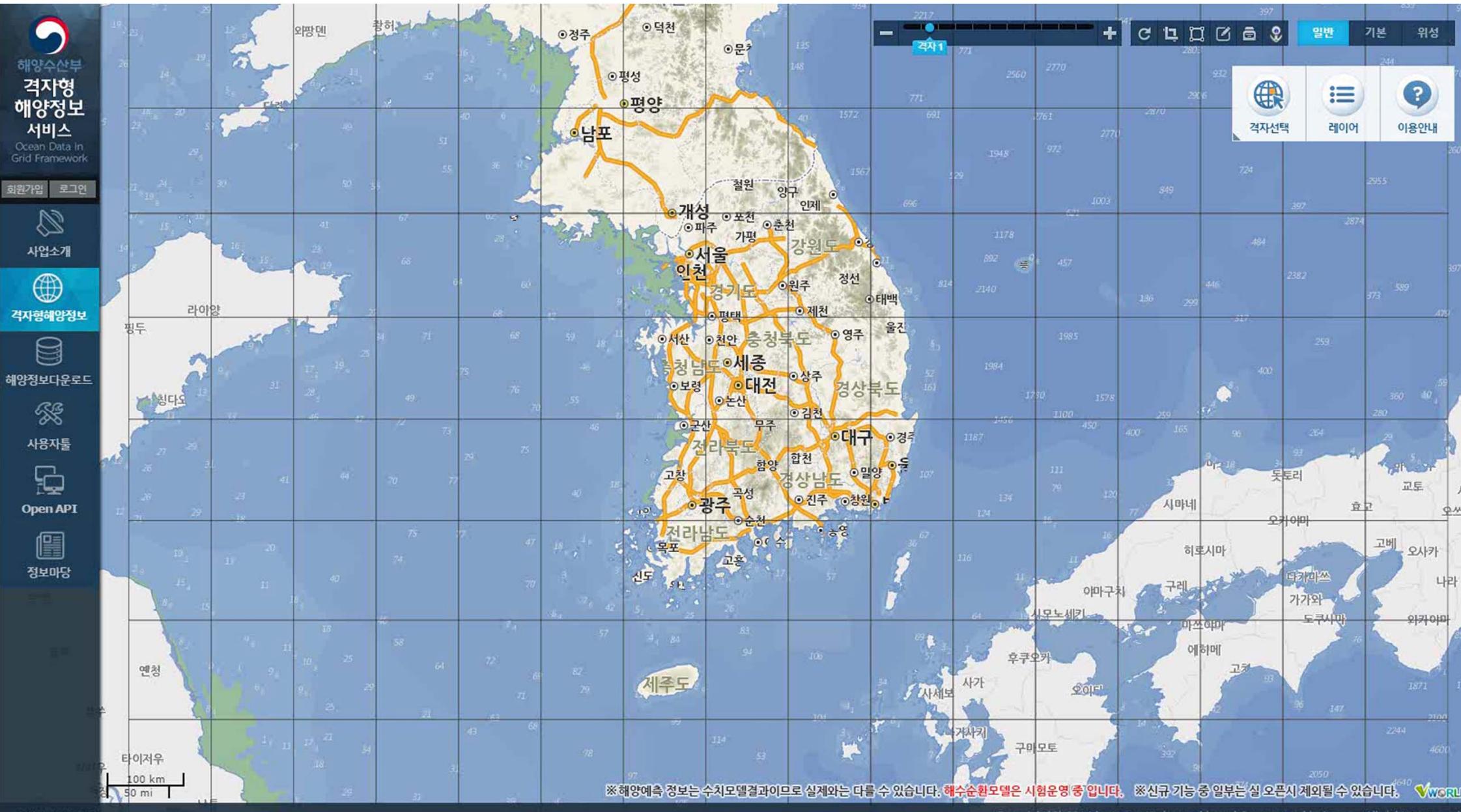
" The Grid is Place of Ocean Data Openness, Sharing & Exchange "



Background & Concept



Demonstration Video of Ocean Data in Grid Framework



Opening Method of Marine Information for Users

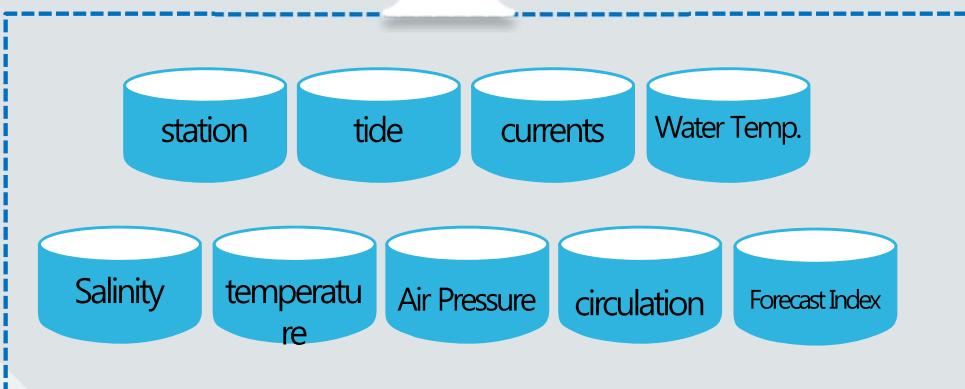
"Marine Information & Analysis Function Provided through OPEN API and User Tool"

Open API

- ✓ Total of 23 types such as the tide, tidal current, and seawater flow, etc. are provided through API
- ✓ Currently actively used by public institutions & private companies



Total of
33 types of
OPEN API



User Tool

- ✓ Analysis tool is provided to enable the tidal observation data acquired by the user to be processed

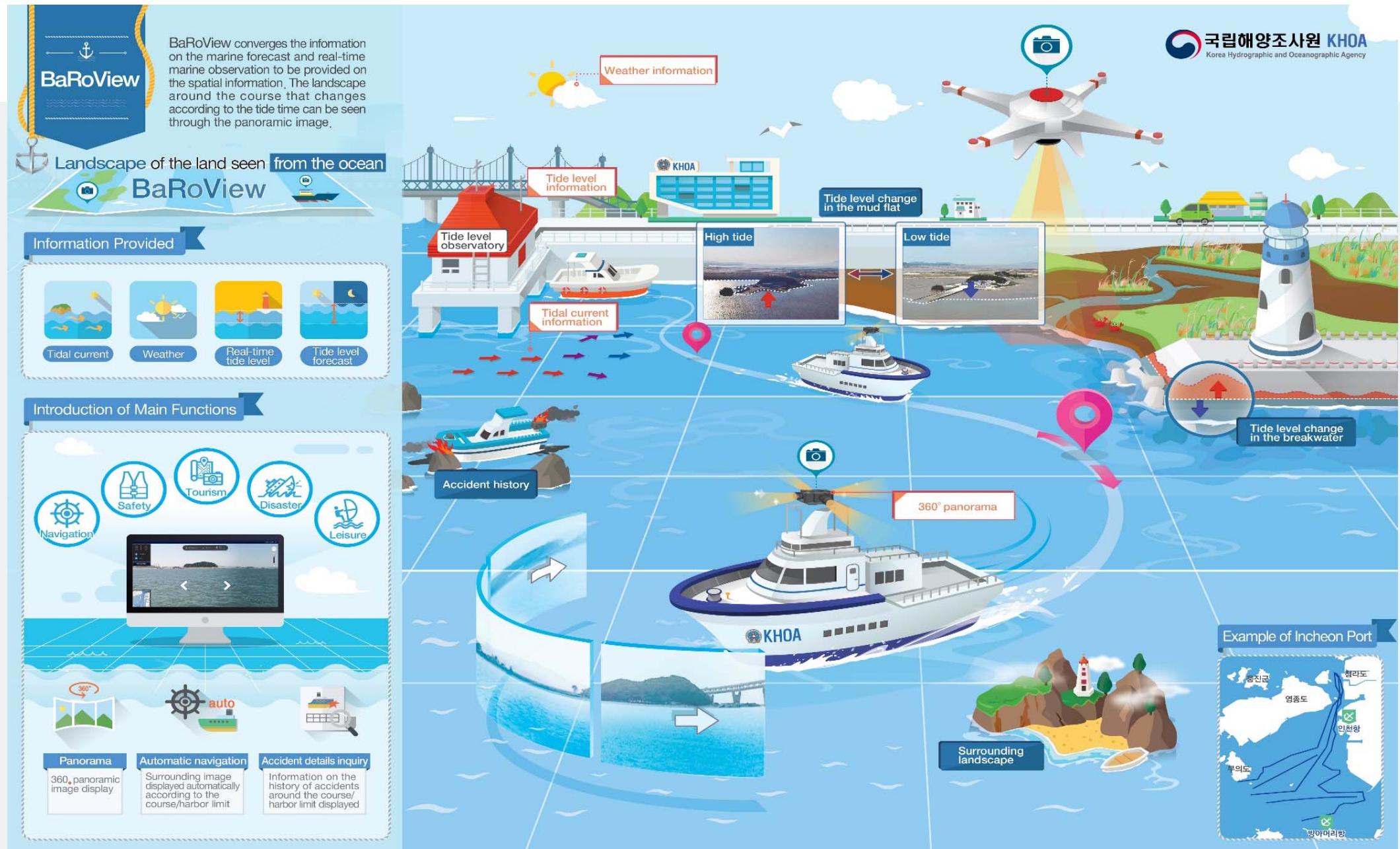




BadaRoadView 'Baroview'



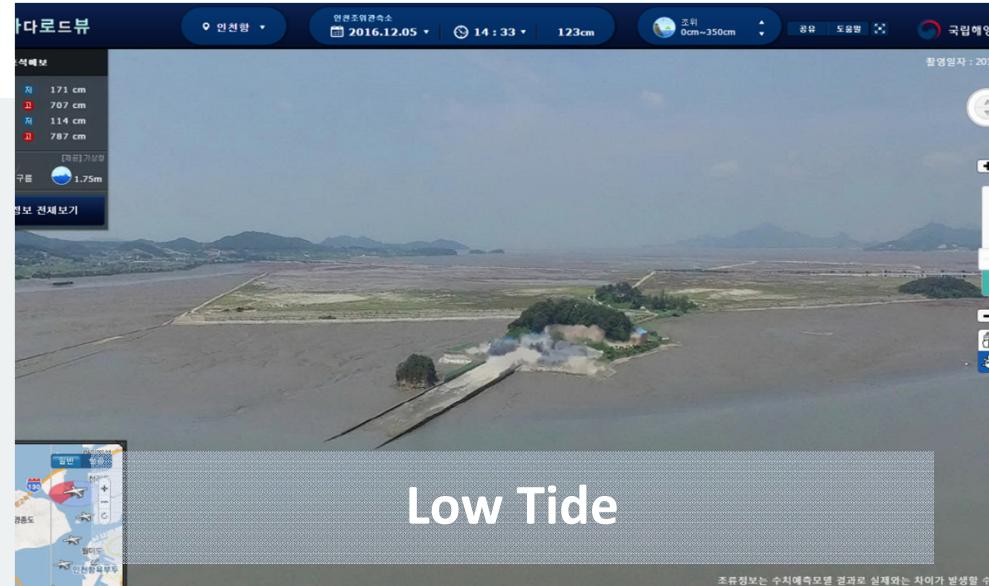
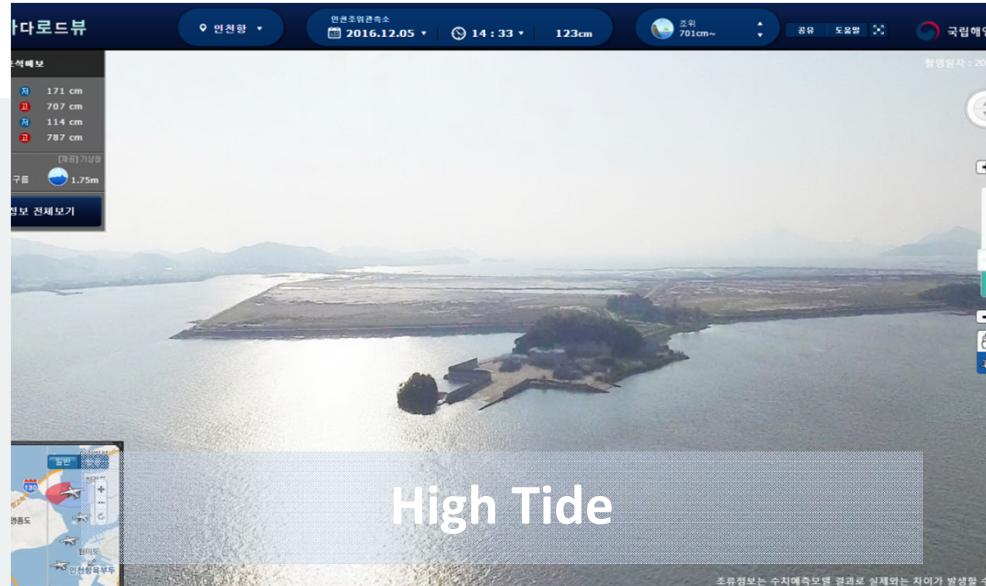
What is 'BaRoView'?



Select a specific time



The panorama estimating the tide level of that time is shown with the marine information.



Menu

- 360 degrees panoramic image service
- Today's tide & weather

- Real-time marine observation information provided
- Auto-navigation, drone-view

Service area

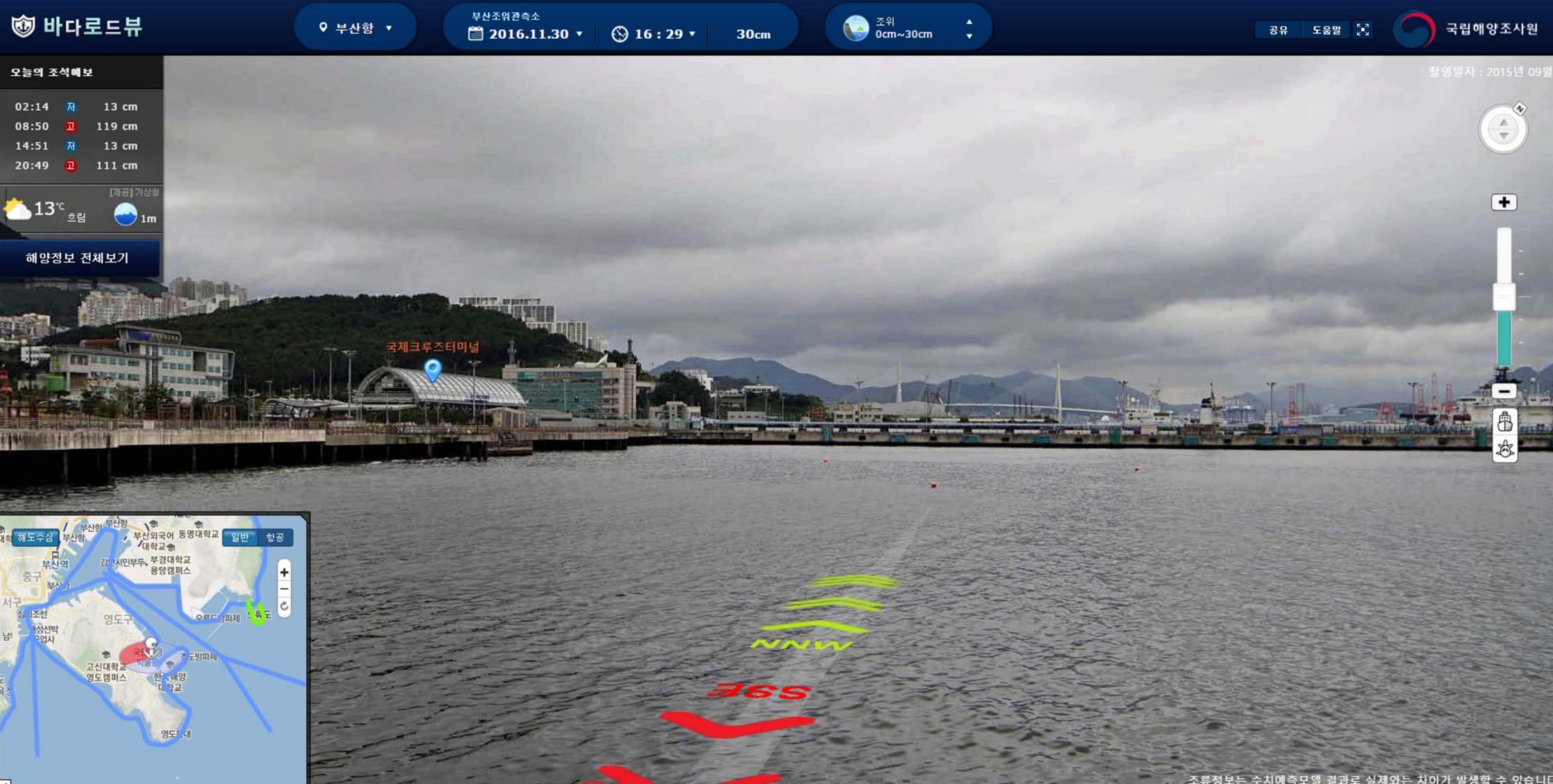
- Incheon Port, Busan Port
- 360 degrees panorama service on the course & harbor limit according to the tide level change
- Aerial image for verifying the tidal channel according to the tide level change

Type for each POI subjects

- Information on the accident history
- Tidal current information

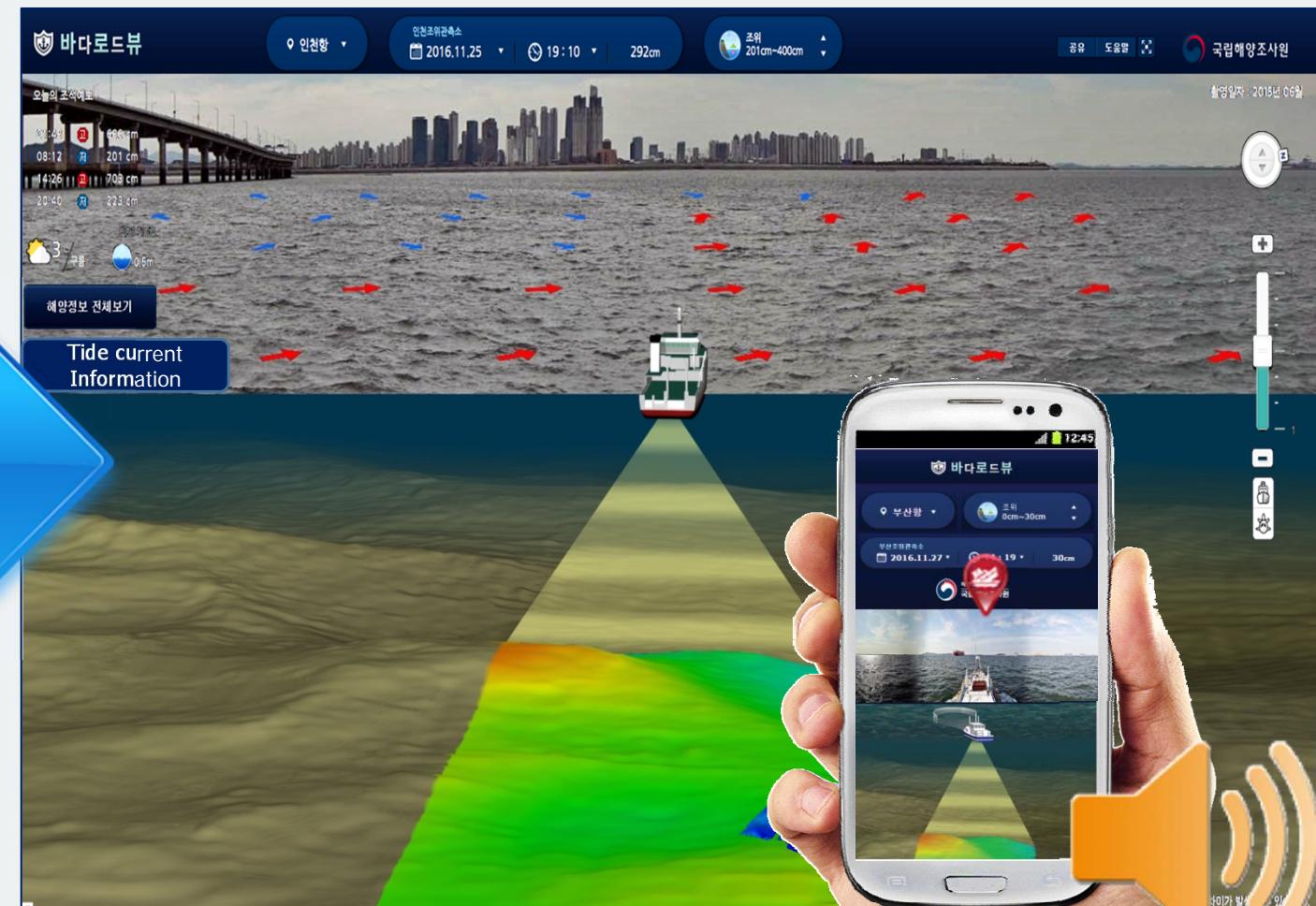
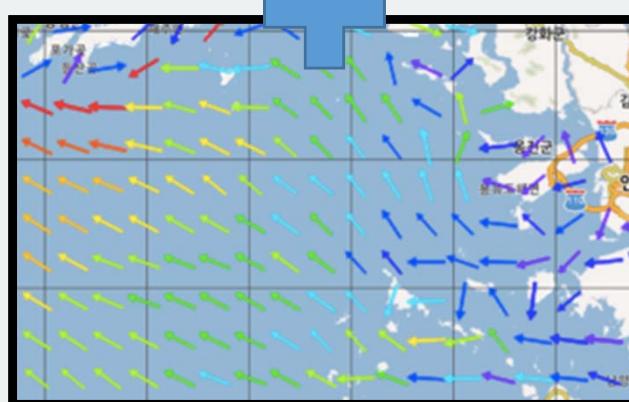
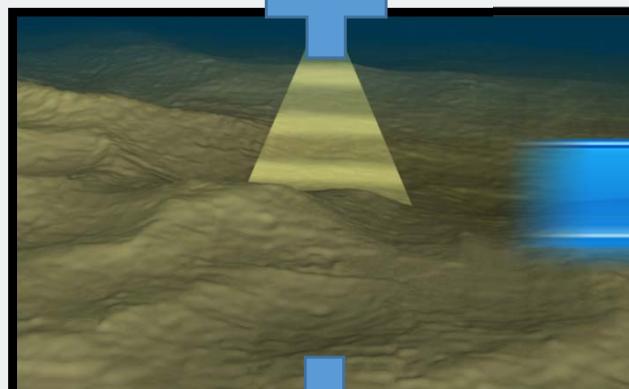
- Specific geographic features

Demonstration Video of BaRoView



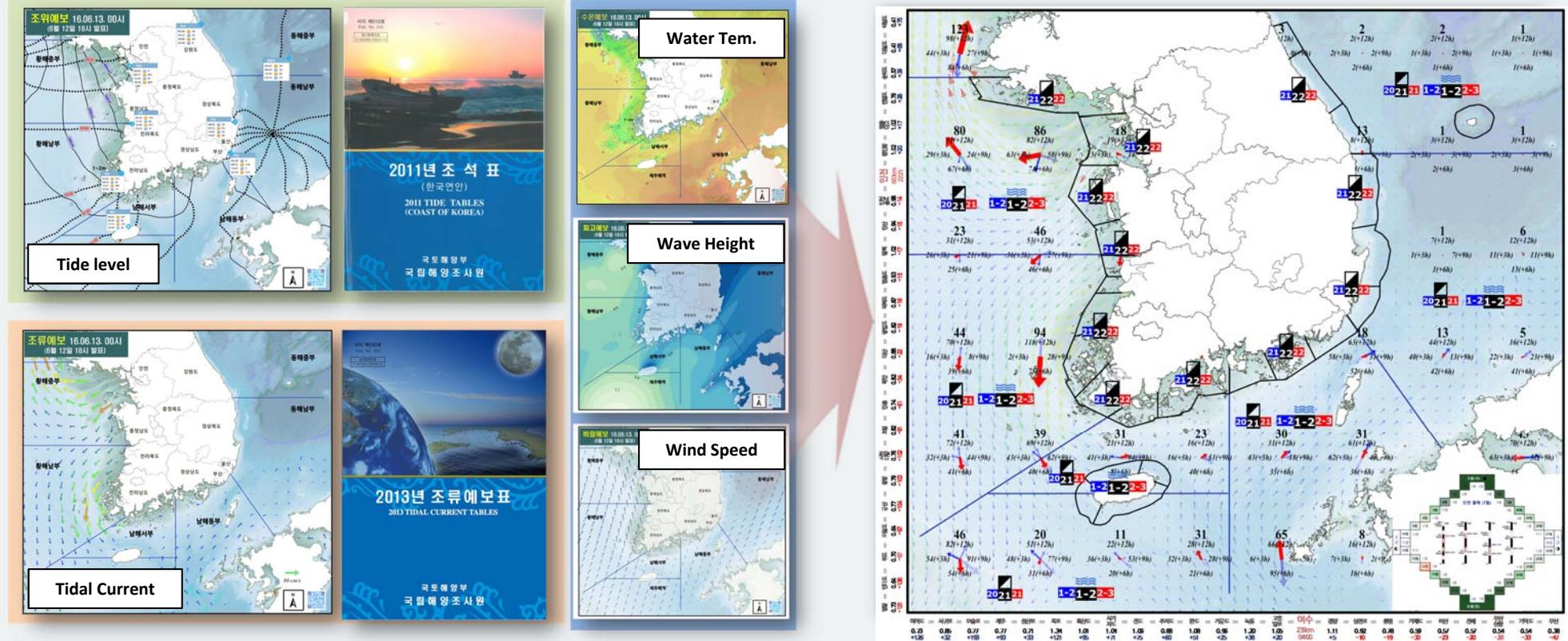
Future Concept of Special overlay for Navigational Information

BaRoView Advancement Proposal



Ocean Info
Notification

All the Oceanographic information on a map





Thank you



Future Concept of Special overlay for Navigational Information



Question & Answer