



**Workshop on Visualization of
Nautical Information**

Service for Safety Navigation at KHOA



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Ministry of Oceans and Fisheries
Korea Hydrographic
and Oceanographic Agency



1 Provision of MSD Service

2 Port Oceanographic Information System(POIS)

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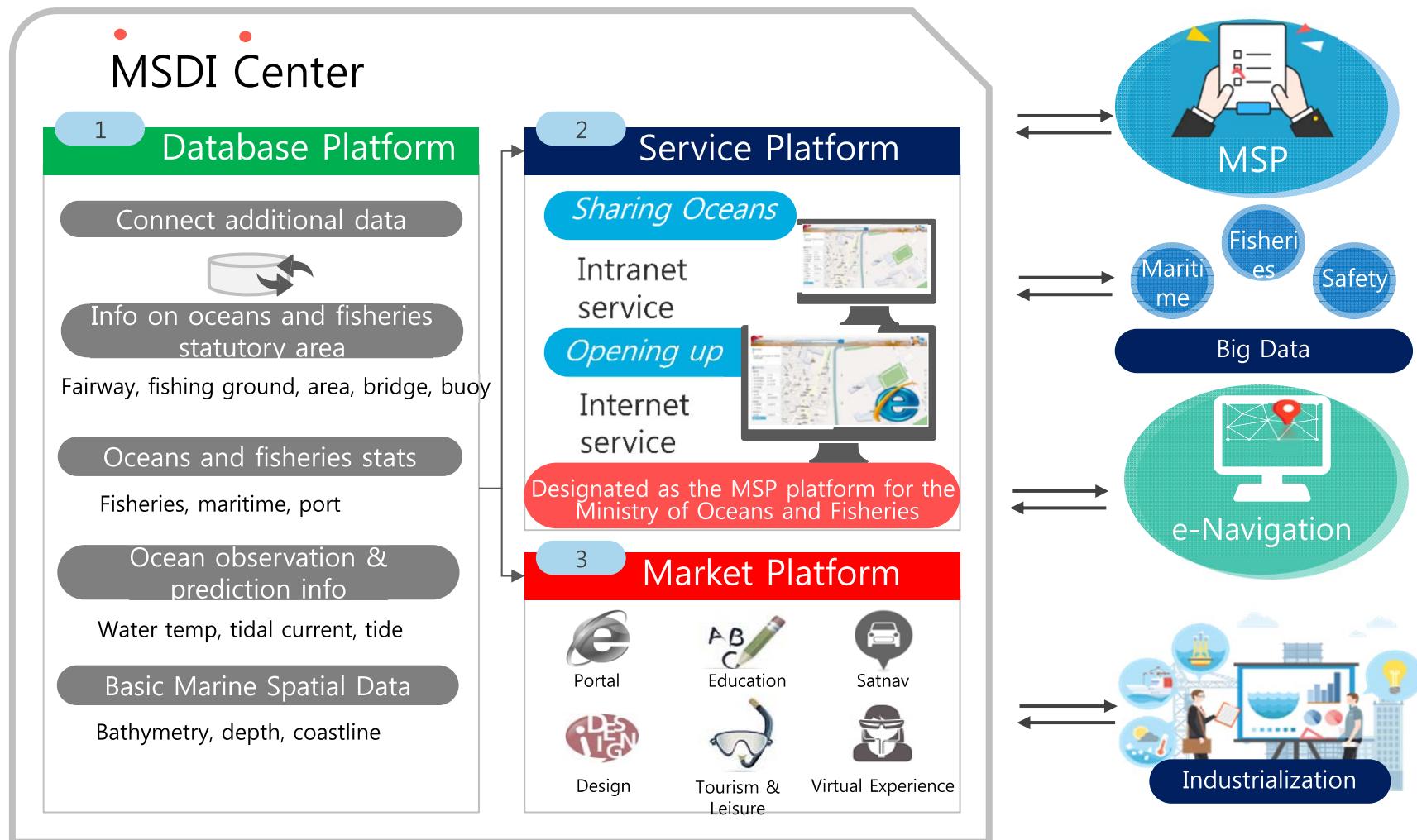


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Korea Hydrographic and Oceanographic Agency

1. Provision of MSD Service



1. Provision of MSD Service



1. Provision of MSD Service

<http://www.khoa.go.kr/oceanmap/main.do>



1. Provision of MSD Service

Marine Spatial Data Service

Jurisdictional Sea Area

Marine Environment Protection Area

Accident History

Aids to Navigation

Marine Leisure Facilities

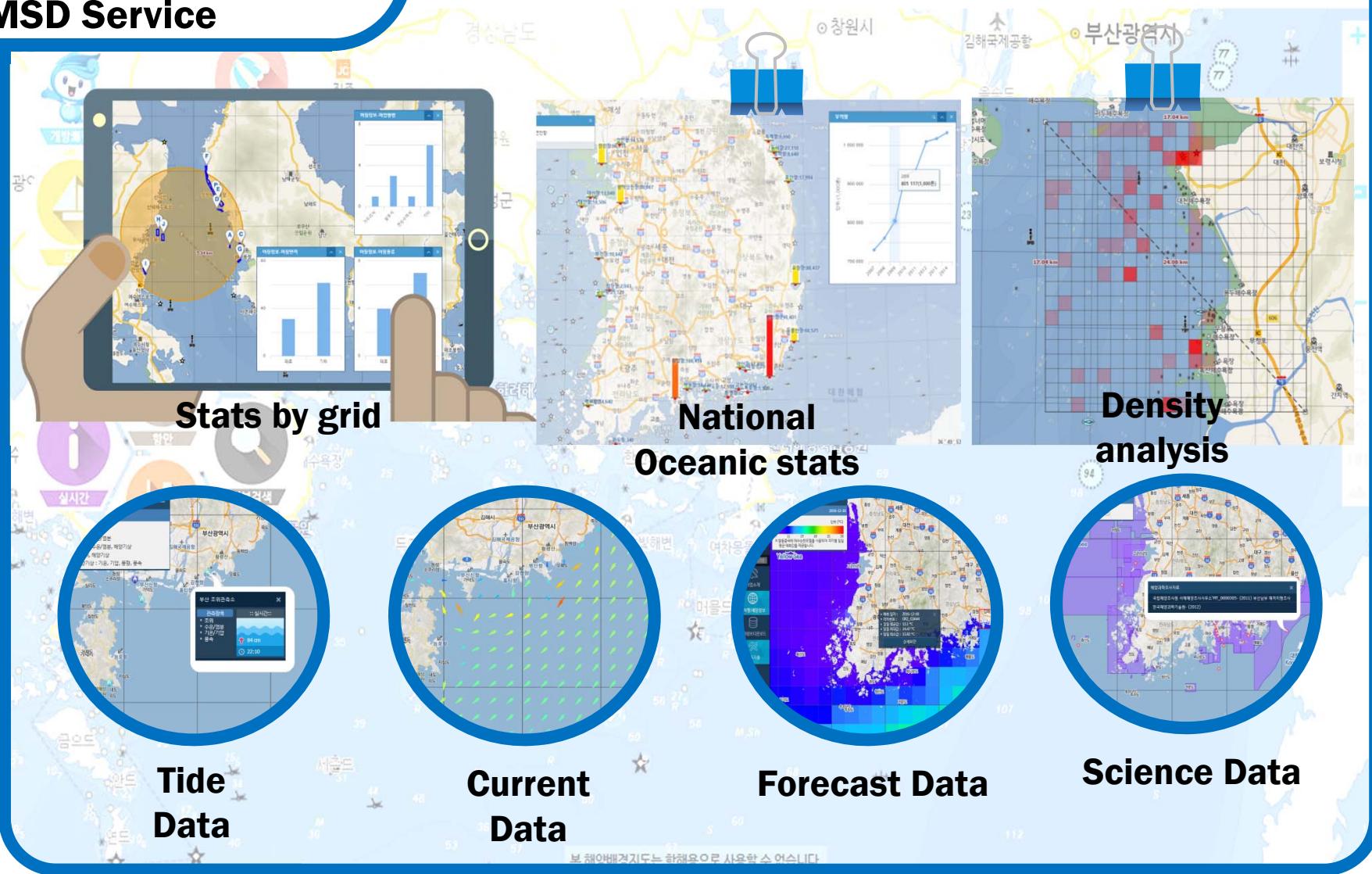
Wreck

Fairway & Port

Ministry of Oceans and Fisheries
Korea Hydrographic and Oceanographic Agency

1. Provision of MSD Service

Open API FAQ 해도수장요청 법적문서 지도법령



1. Provision of MSD Service

Open-API FAQ 해도수정요청 법적공지 지도범례

Safety

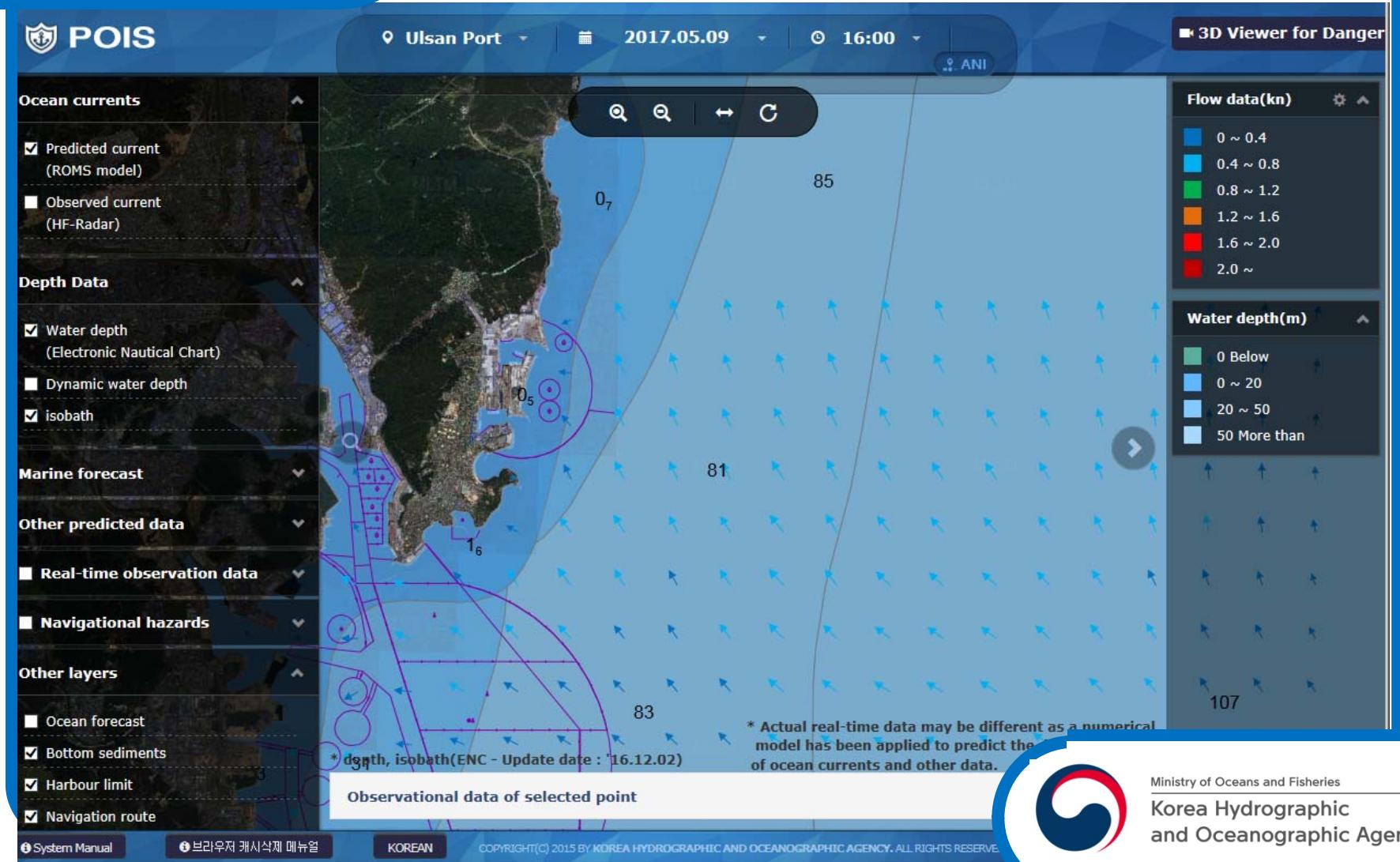
해양안전정보 Layer Service

An icon of a shield with a checkmark and the Korean word "안전" (Safety).

Safety for marine traffic
Customizing safety
Nature safety
Facility safety
Oceanographic survey data

2. POIS

<http://www.khoa.go.kr/pois/pois.do?lang=en>



2. POIS



- 2016.12.10 -

: : User Manual: :

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1CY

3. Navigational Warning

<http://www.khoa.go.kr/hpt/hpt.do>

- KHOA provides about 450 NWs per year to the mariners.
* NTM : about 1,200 (in 2015)
- The notification method collects the NW information through the related organizations and reports the electronic document, FAX, web and mobile service through the management system (DB and GIS-based status sheet) after checking the coordinates, schedule, etc.
- The NW characteristics of KHOA occupy a large number of items related to naval exercises and have complex structures such as tabular date / time / coordinates.

3. Navigational Warning

관리자님 접속중

계시판 레이어관리 설정 로그아웃

항행경보이력 검색하기

전체 전체 시작일 종료일 검색어를 입력하세요 신규 검색

검색결과 제15-7호 항행경보(제15-7호) 상설 해상사격훈련 실시 알림 2015-11-17 ~ 2015-11-18 관리자

제15-6호 항행경보(제15-6호) 상설 해상사격훈련 실시 알림 2015-10-14 ~ 2015-11-17 관리자

제15-5호 항행경보(제15-5호) 상설 해상사격훈련 실시 알림 2015-11-11 ~ 2015-11-17 관리자

제15-1호 항행경보(제15-1호) 비상설 해상사격훈련 실시 알림 2015-11-17 ~ 2015-11-25 관리자

검색결과 20건이 더 있습니다.

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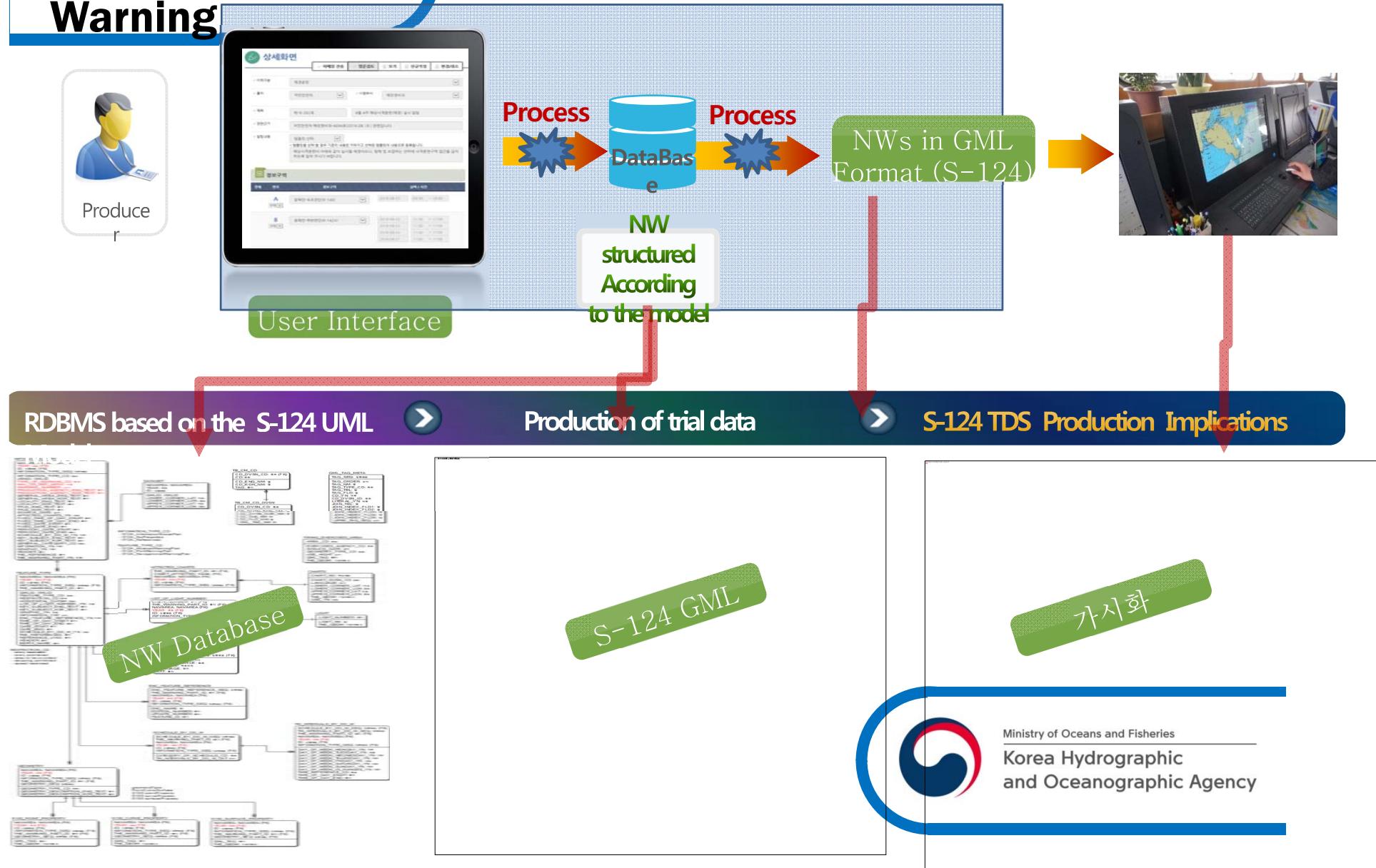
Yellow Sea South Sea

이어도 종합해양과학기지

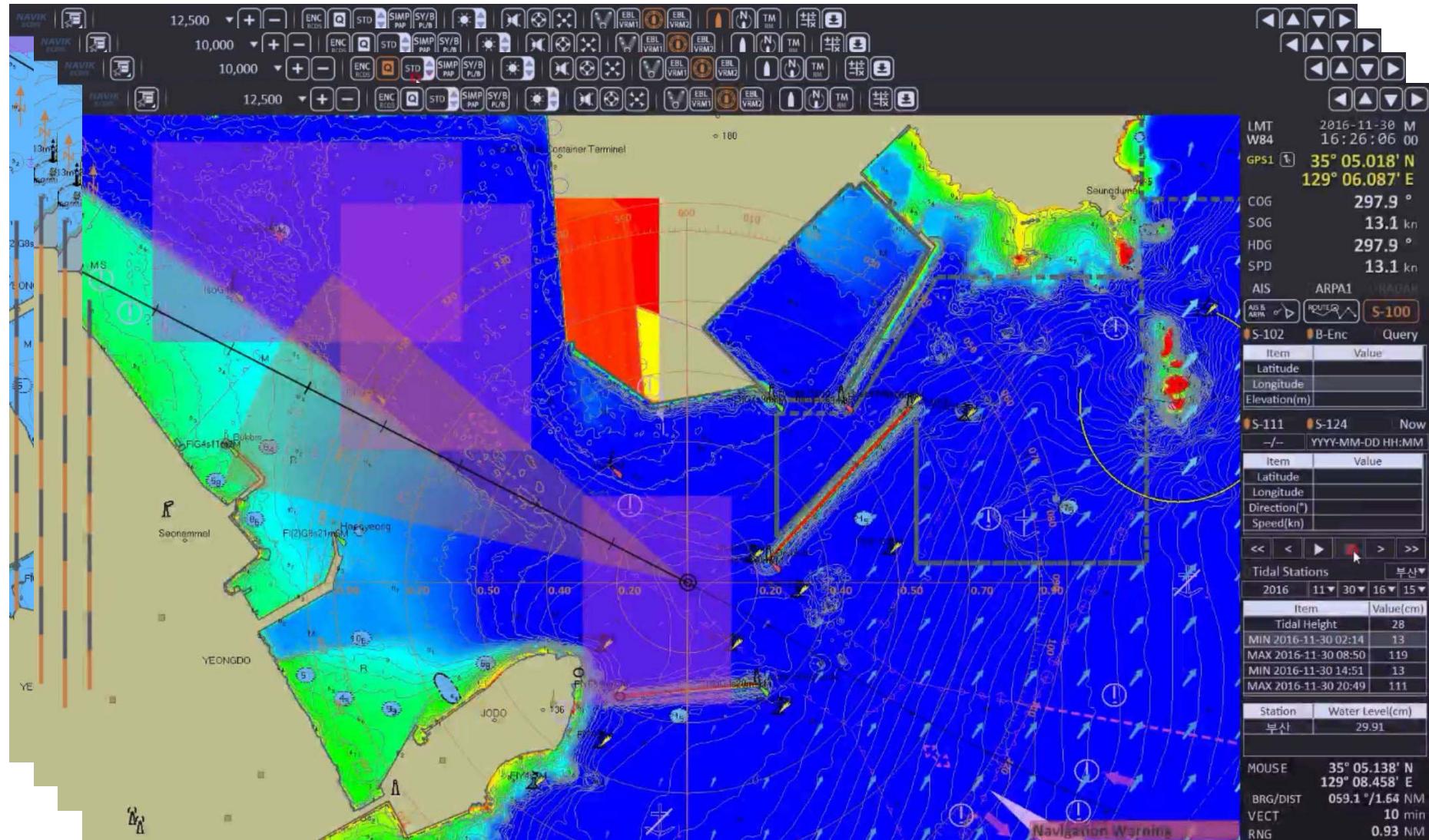
● 금지 ● 주의 ● 협조 ● 취소 | 위도 752.4 경도 875.6 (c) 2015 Korea hyd.

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Korea Hydrographic and Oceanographic Agency

3. Navigational Warning



3. Navigational Warning



4. Others

<http://www.khoa.go.kr/kcom/cnt/selectContentsPage.do?cntId=31307000>



Distance Service



Add Point

Delete Point

#	Position	speed (Knot)	duration	Total duration
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Lat.

Long.

enter

Km → Mile

4. Others

<http://www.khoa.go.kr/seaVr/en/index.html>





Thank you