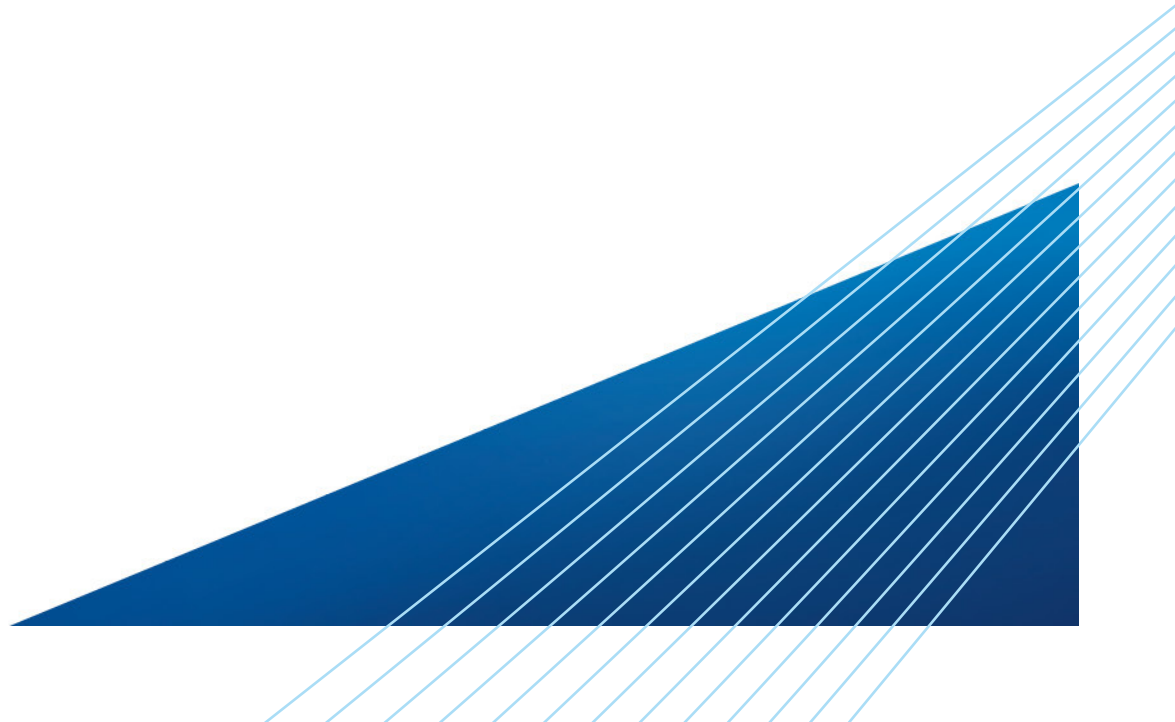




## Jeppesen 2015

# Introduction Slides



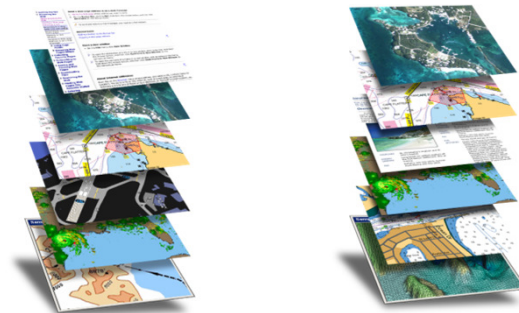
# Transforming Global Transportation



**Transforming**  
the way the world moves.

In the air, on the water or over land, Jeppesen is relentless about transforming innovative ideas into trusted information products and services that help you get where you need to go — **safely and efficiently.**

Through the power of  
intelligent information  
solutions and integrated  
services



Aggregated and layered aeronautical  
and marine information

# Jeppesen by the Numbers



## Global

<b>40</b>	Jeppesen locations in 20 countries
<b>195</b>	Countries/territories providing source data
<b>3,300</b>	Jeppesen employees
<b>150,000</b>	Jeppesen charts (air & sea)
<b>1,400,000</b>	NavData records in our database
<b>5,000,000</b>	Unique pages of documents
<b>850,000,000</b>	Sheets printed, <b>annually</b>



## Aviation

<b>650</b>	Airlines served by Jeppesen
<b>48,000</b>	Pilots trained w/ Jeppesen courseware, <b>annually</b>
<b>70,000</b>	Jeppesen flight plans provided, <b>daily</b>
<b>83,000</b>	Jeppesen weather briefs provided, <b>daily</b>
<b>250,000</b>	Crew managed with Jeppesen tools, <b>daily</b>
<b>1,000,000</b>	Pilots worldwide using Jeppesen



## Journey Planning

<b>2,400,000</b>	Travelers benefiting from Jeppesen real-time optimization, <b>daily</b>
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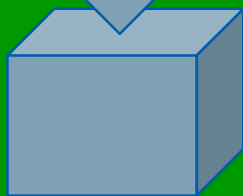
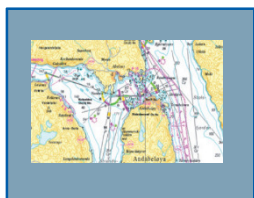
## Marine

<b>7,500</b>	Commercial vessels using Jeppesen
<b>42,000</b>	Digital navigation charts in Jeppesen library
<b>1,000,000</b>	Leisure boat customers

# Our know how

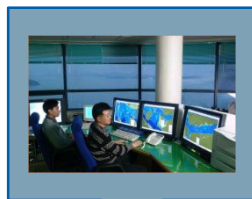
## Centralized administration:

- digital charts, ENC and paper production
- distribution and update
- print on demand
- Notice to Mariners
- Temporary & Preliminary notices
- Navigation Area
- Marine Safety Information



## Onshore:

- Navigation and Meteorological Area
- Marine Safety Information
- Remote Pilotage
- Route Exchange
- Route Optimization for trafficked areas or fuel consumption
- Search and Rescue routing and exchange
- International Ship Port Security information
- Piracy data
- Meteorological and Hydrographic "real time" information
- Reporting



## On the Bridge:

- ECDIS/INS
- Charts
- NavArea/MetArea,
- Marine Safety Information
- Route Exchange
- Dynamic under keel clearance

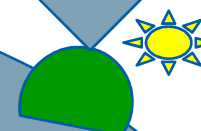
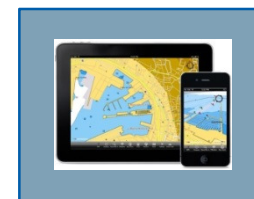
## Back of Bridge:

- Chart management
- NtM/T&P updates
- ISPS information
- Nautical Information
- Voyage planning
- Generate, optimize and exchange route
- Reporting



## Mobile:

- Vessel Traffic Management Information
- fleet management
- tracking
- professional charts inspection
- reporting

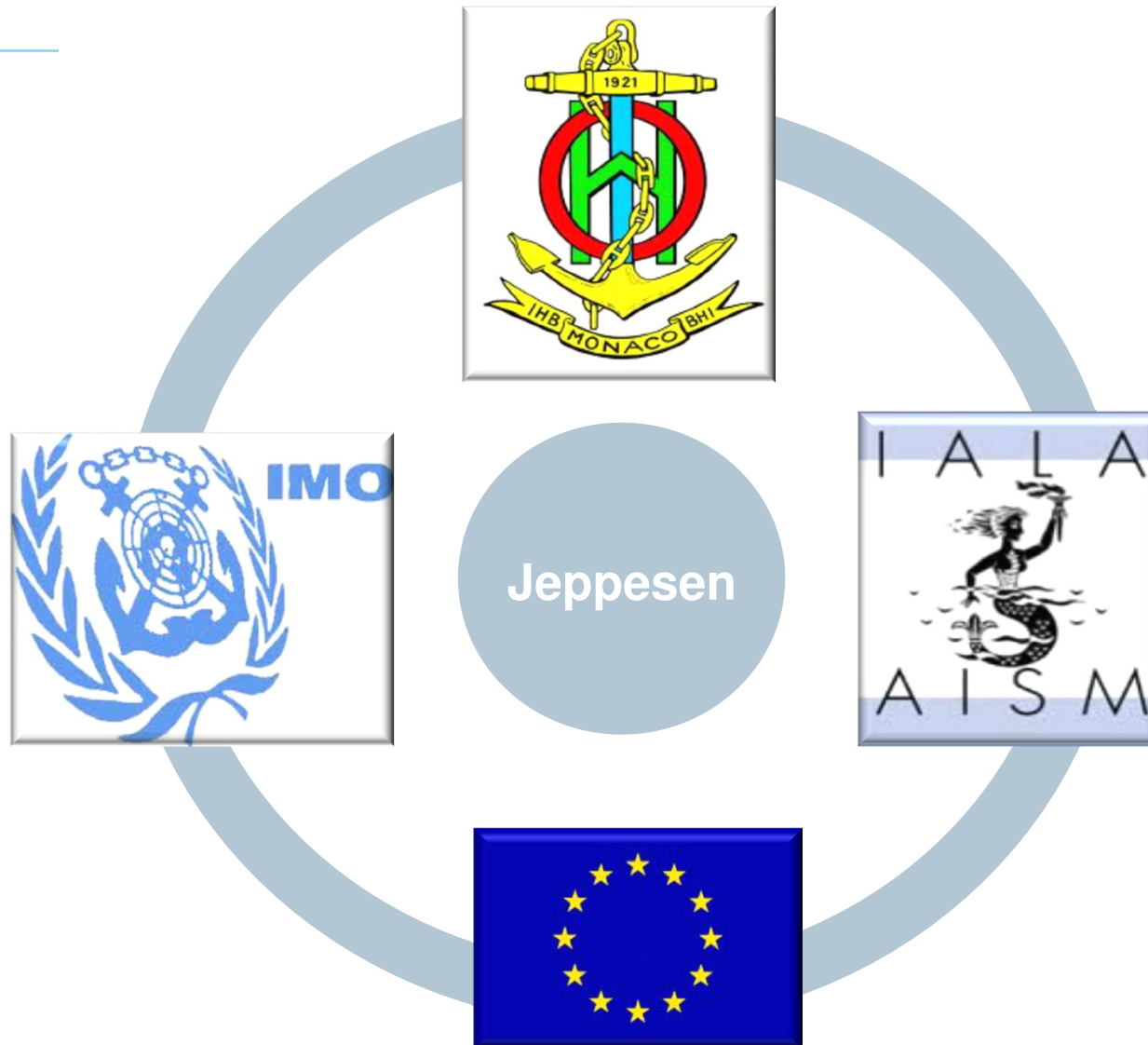


# Maritime Industry Business Model

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- **Respect the authority of Data Originators, both public as well as private.** (e.g. non-exclusive agreements)
- **Work together with Data Originators to provide mariners with most up-to-date, near real-time information products.** (for all product lines)
- **Provide tools and services to Data Originator to optimize data gathering and consolidation.**
- **Partner with regulatory bodies and industry to improve conditions for highest quality information products.**
- **Lobby for necessary innovation to improve safety and efficiency in the maritime market.**

# Jeppesen collaborates with Organizations



# Jeppesen also collaborates with Industry

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- **All major ECDIS manufacturers** (with exception of Transas)
  - Top 10 OEMs: Japan Radio Co, Furuno Japan, SAM Electronics, Telko AS, Sperry Marine Inc., Tokyo Keiki, Maris, Raytheon Marine, Kongsberg, Morintech
  - Providing ECDIS “Kernel”
  - Providing Data
  - Collaboration for new and improved functionality
- **More than 6500 SOLAS subscribers**
- **Additional SOLAS subscribers added each month**
- **Growing number of VVOS subscribers**



# Jeppesen Marine ENC Distribution



ENC S-57

ENC distribution in S-57

1

Compile into  
internal SENC  
format

2



OEM ECDIS

OTHERS

**“ Faster, Easier & Smaller ”**



ENC S-57

Compile to SENC

1



System Electronic Navigational  
Charts (SENC) Format  
CM - 93/3

ENC distribution in SENC

2



Jeppesen SDK or ECDIS

**Agreed by the IHO  
Technical  
Resolution A3.11**

JEPPESEN

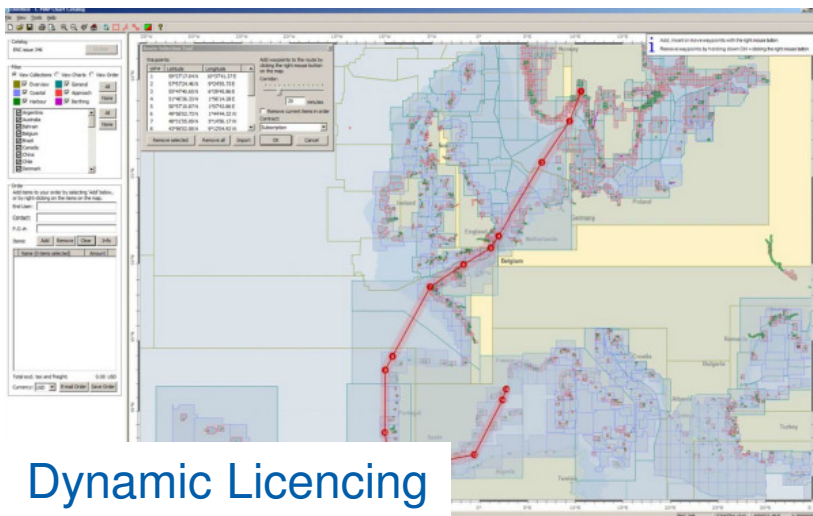
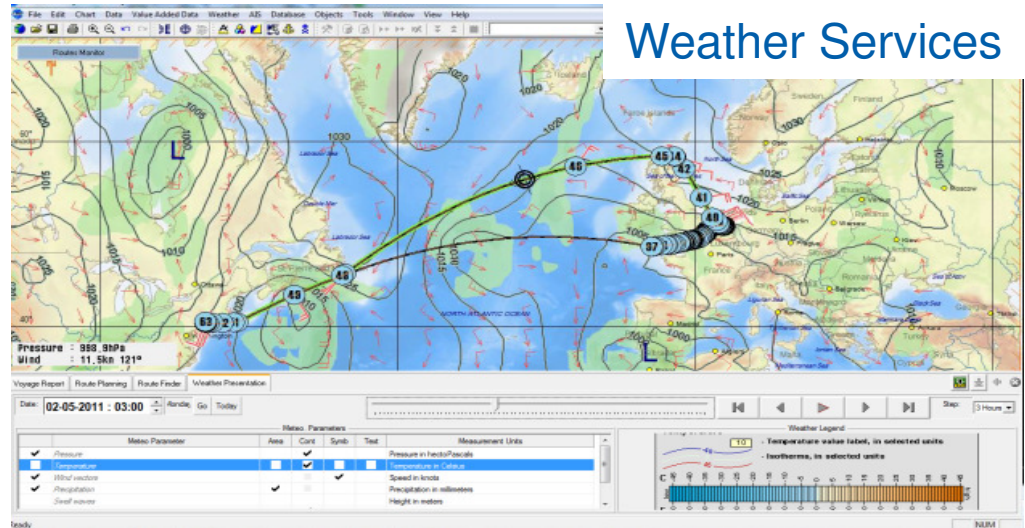


# Jeppesen Integrated Marine Services

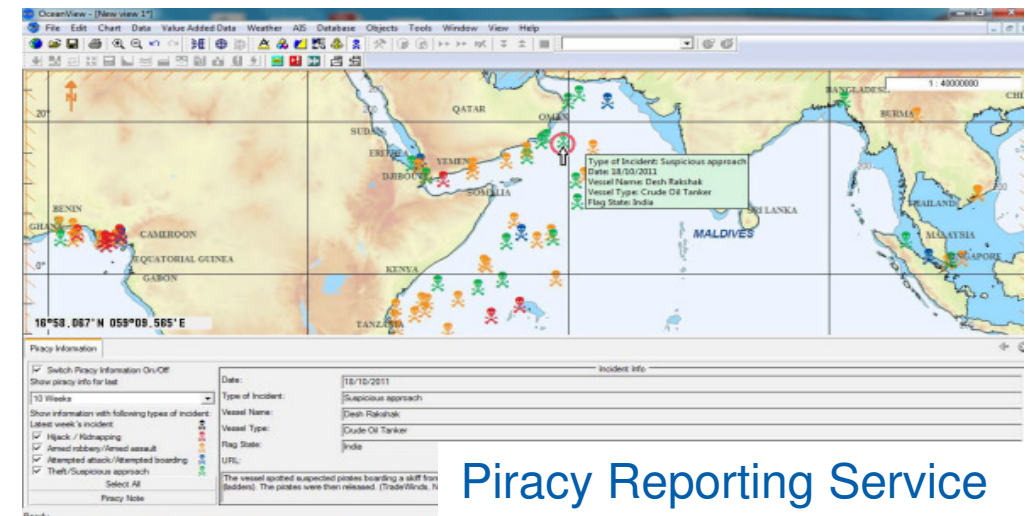
## T&P Services



## Weather Services



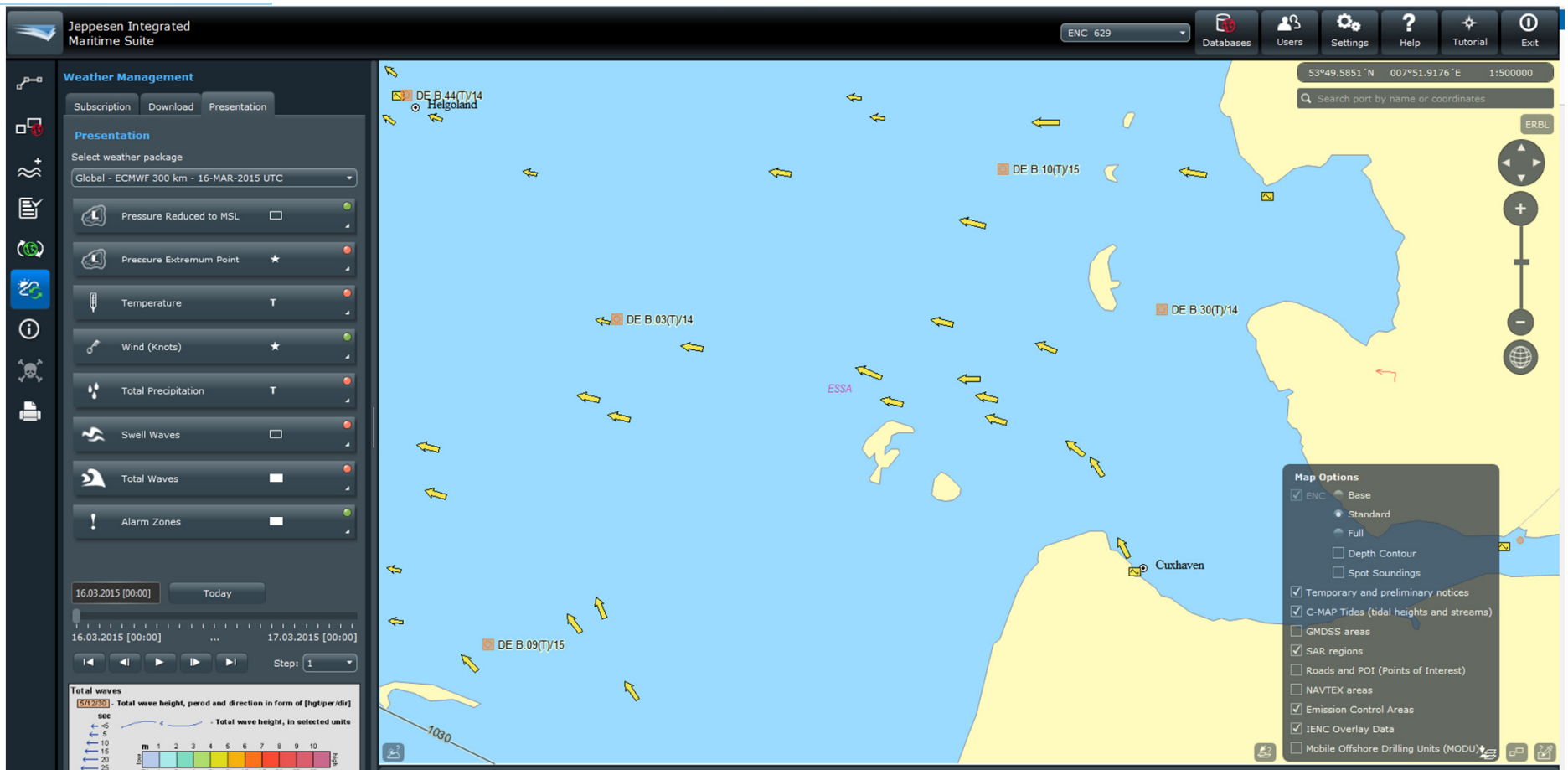
## Dynamic Licensing

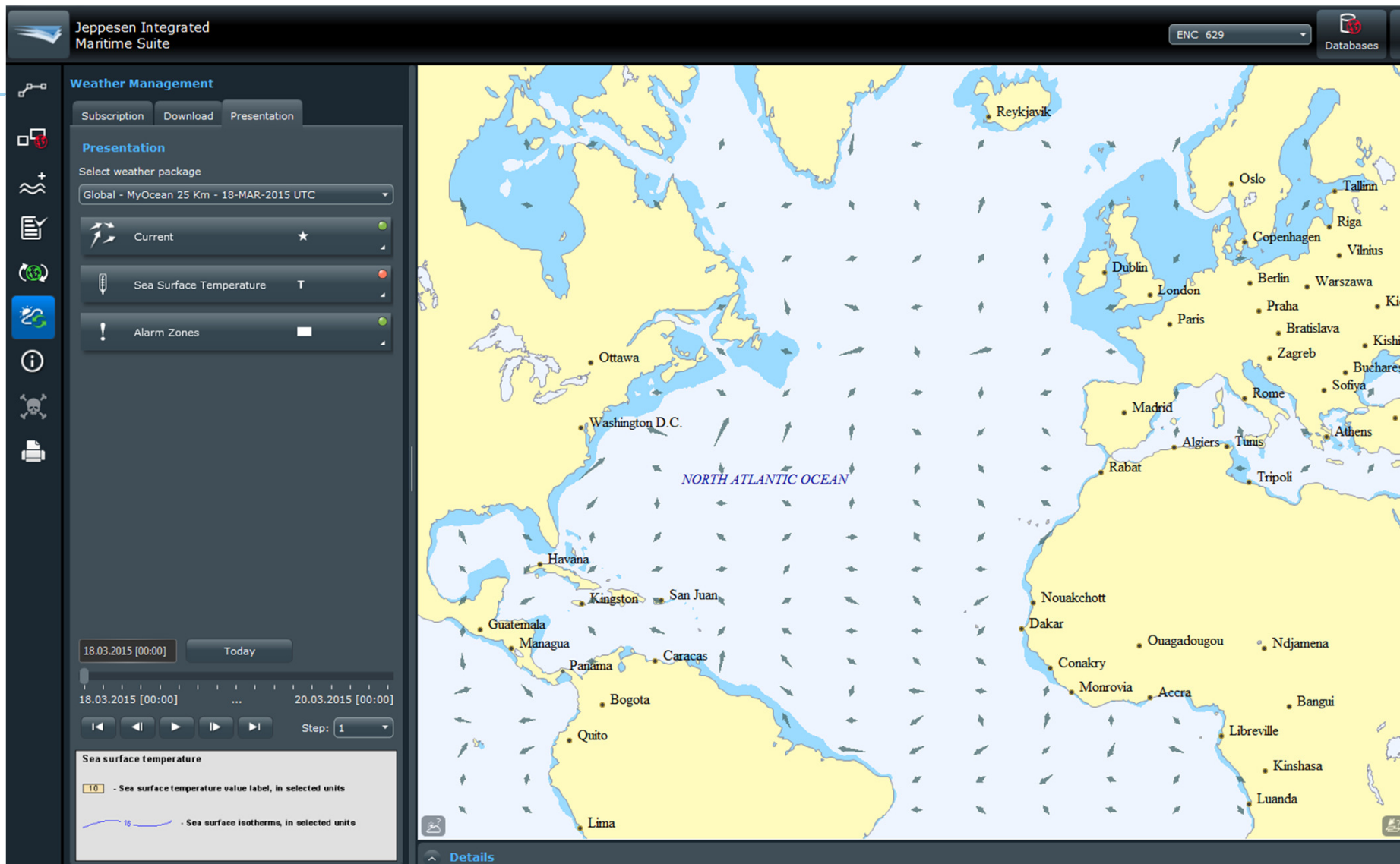


## Piracy Reporting Service



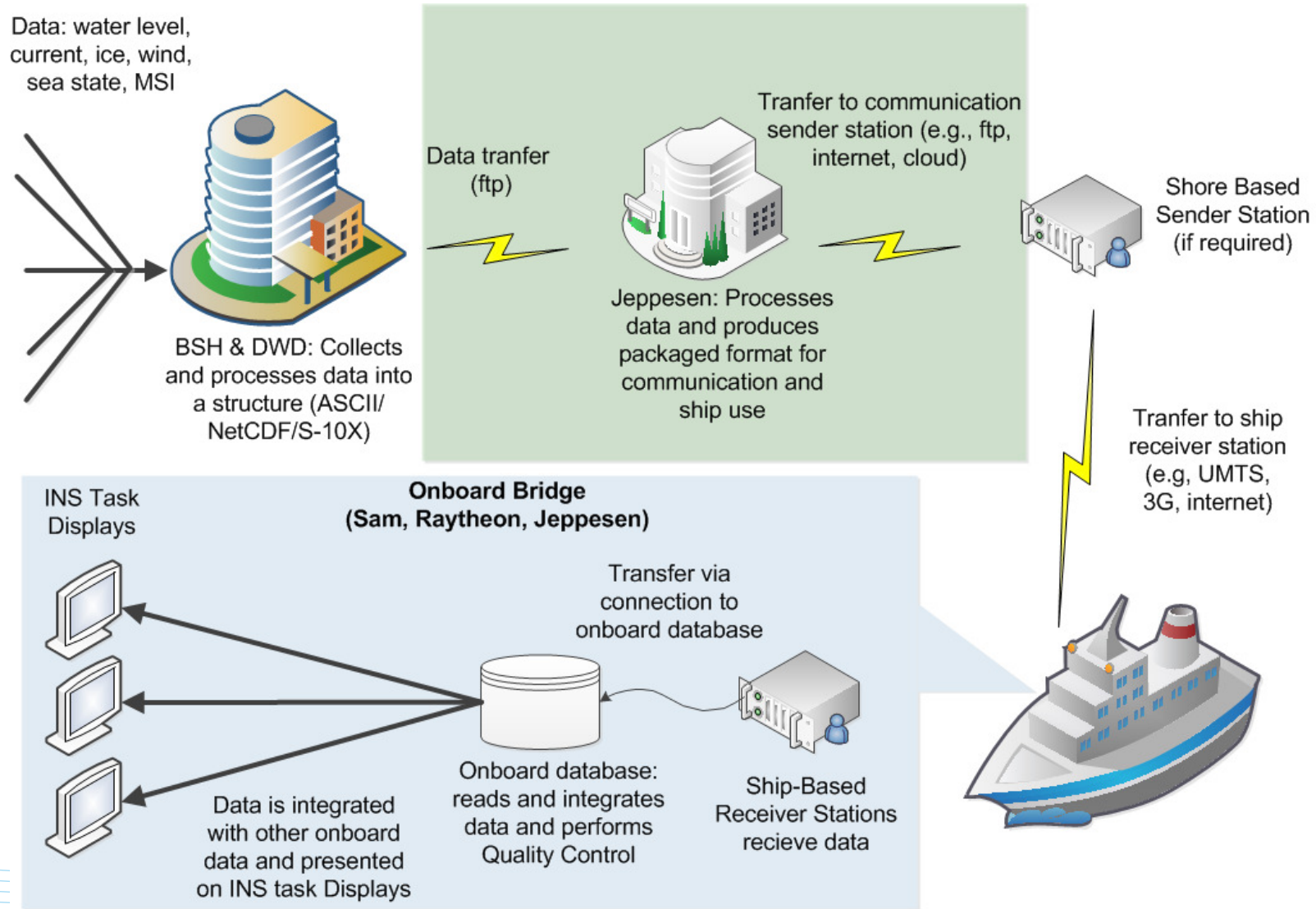




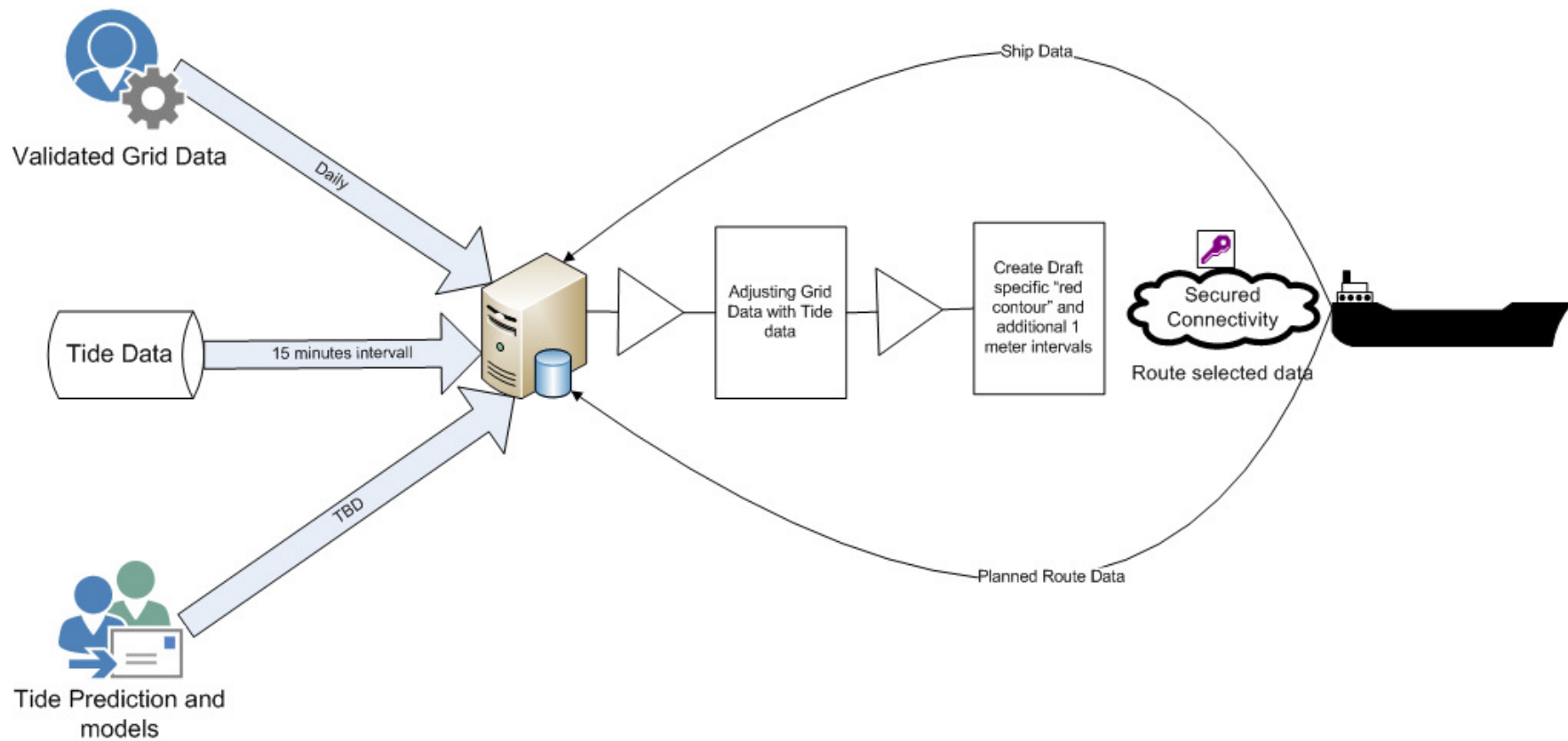




# The TICON Overview

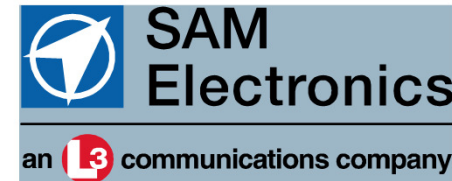


# High level system flow: Tide data influence charts





# Partner:



- Vessel Neuwerk (WSA Cuxhaven)
- Traffic Technologies Center

		Wasser- und Schifffahrtsverwaltung des Bundes												2015											
ID	Task Name	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez	Jan	Feb	Mrz	Apr	Mai	Jun	Jul	Aug	Sep	Okt	Nov	Dez
1	Planning and Preparation																								
2	Iterative Evaluation and Improvement																								