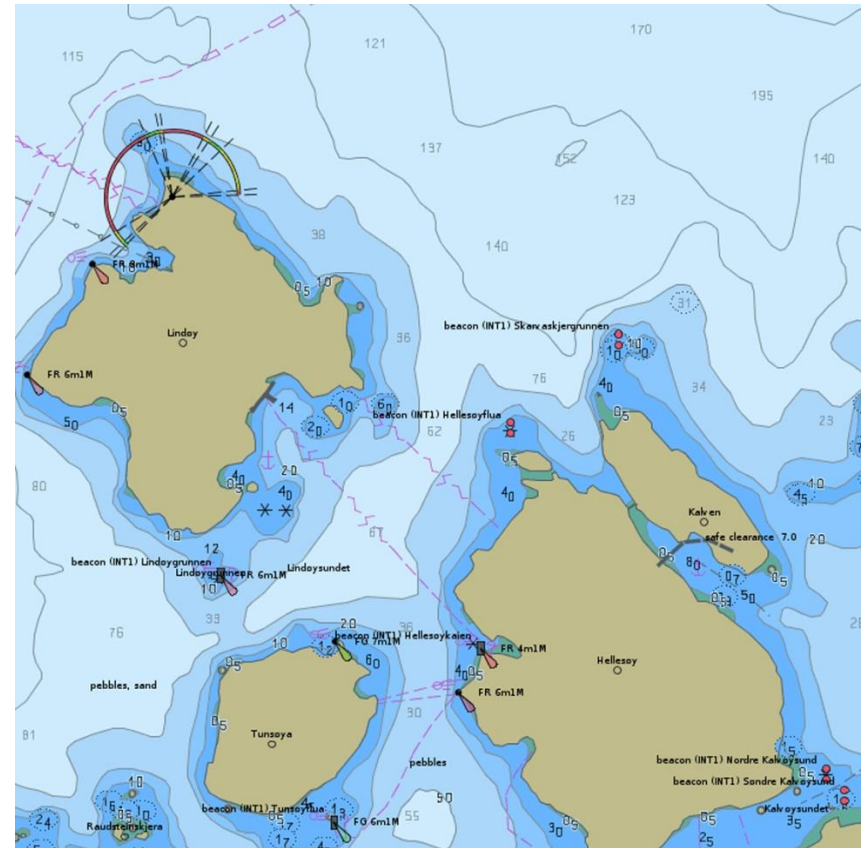


PRIMAR NIOHC 18

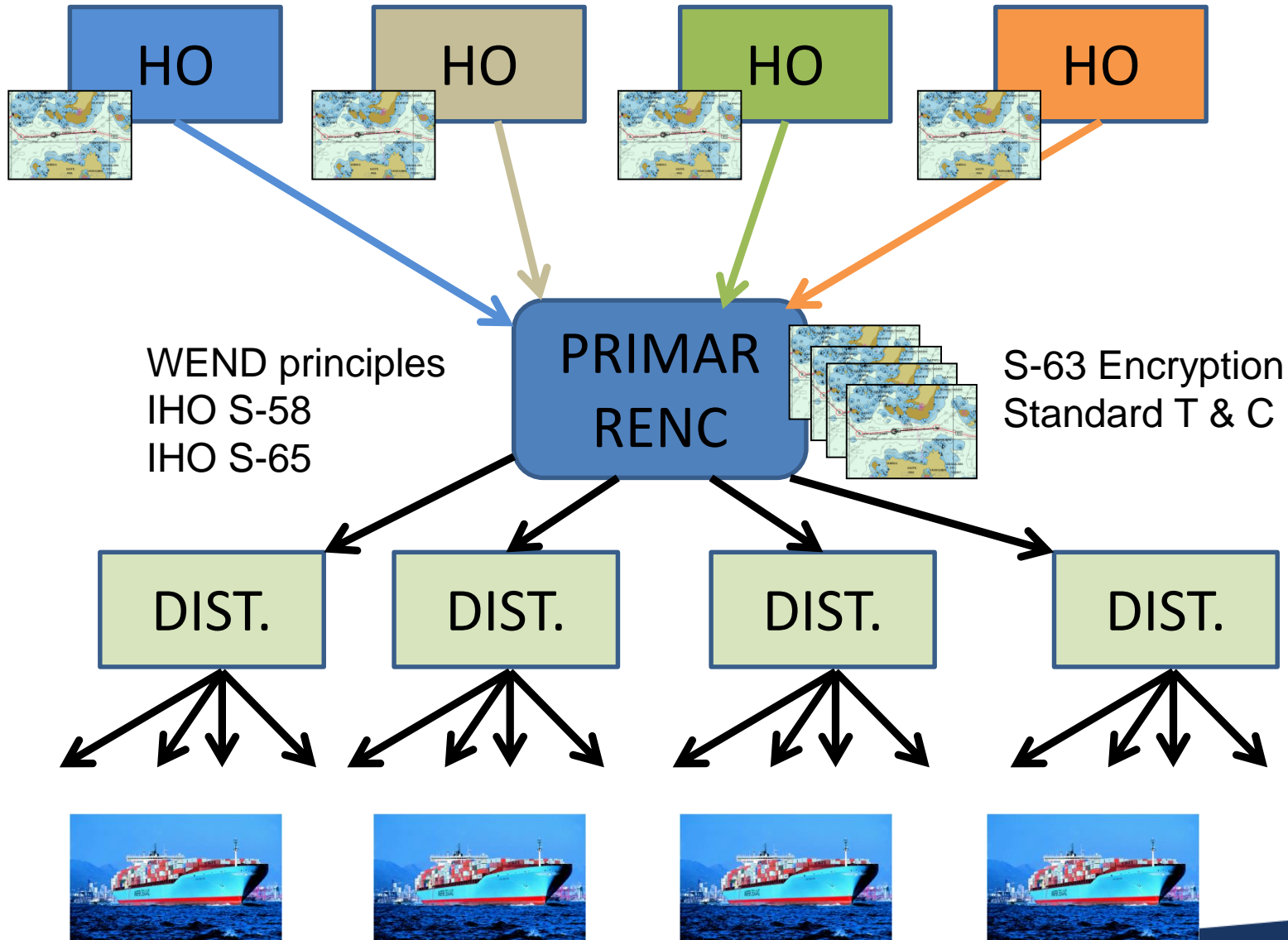
Hans Chr. Lauritzen, Director PRIMAR

What is PRIMAR?

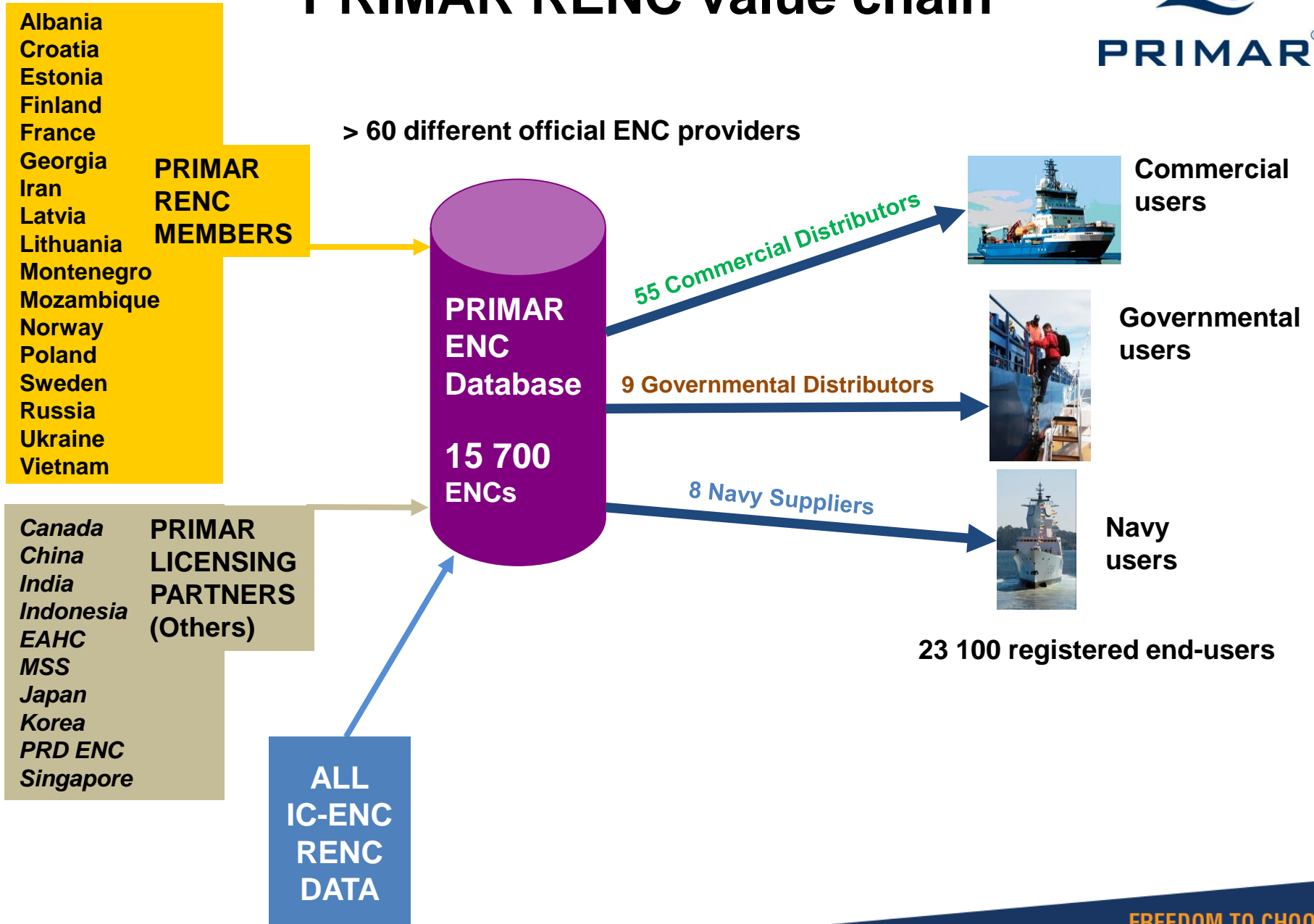
- A Regional ENC Coordinating Centre (RENC)
- Operated on a non-profit basis by the **Norwegian Hydrographic Service** in close cooperation with **Electronic Chart Centre (ECC)**.
- Located in Stavanger, Norway



ENC Distribution through PRIMAR



PRIMAR RENC value chain



PRIMAR Agreements 2017

- Albania and Vietnam signed agreements for PRIMAR RENC membership
- ENC distribution agreement signed with The Shanghai Chart Centre (SCC) of the Maritime Safety Administration of China.

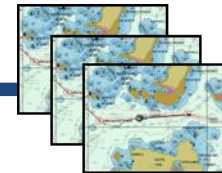
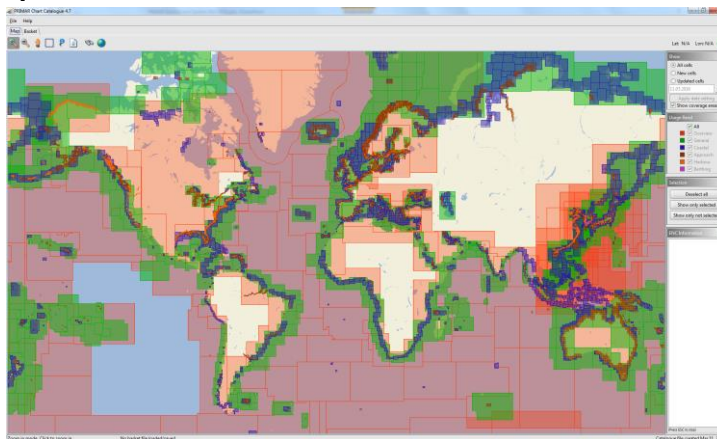
ENC QC AND VALIDATION SERVICES

- PAC 24 approved to introduce KPIs for ENC validation in PRIMAR. The following validation completion times was set as a target:

Type of data	Validation completion times (95 %)
ENC Update	1 day
ENC New Edition	2 days
New ENC	3 days

PRIMAR Navy / Governmental Supplier Services

- Supply ENCs to your Navy / Governmental users.
- Access to PRIMAR global ENC database.
- Easy operation from the PRIMAR Chart Catalogue.
 - Register and add users, Create ENC portfolios, Activate area of interest, View orders/reports, View licensee status, Download ENC updates and permit files etc.



**Navy
users**



2017 Capacity Building

- One ENC validation workshops for one PRIMAR member nation. 5 ENC validators were trained.
- The 15th PRIMAR TEWG meeting. 25 participants. Focus on PRIMAR updates, ENC Improver, S-58, S-101, S-102 and T&P notices.

PRIMAR deliveries to IHO

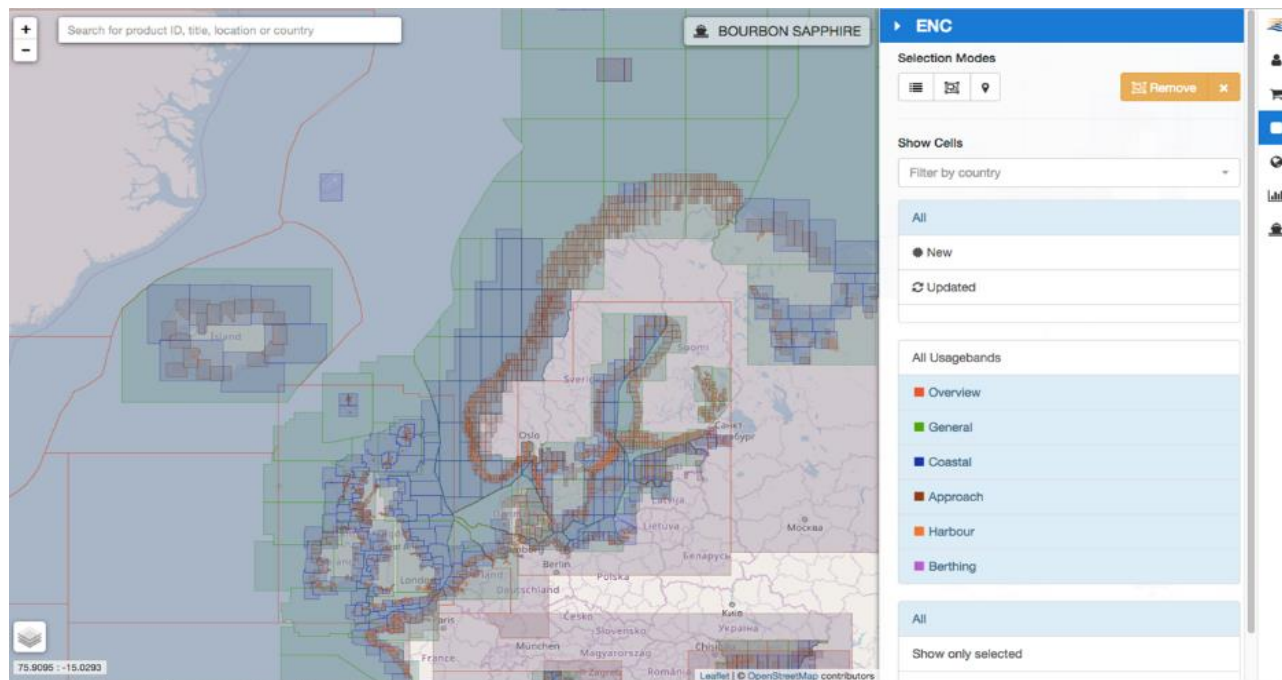
- PRIMAR has set up several free-of-charge service deliveries to support the work of IHO:
 - Global WMS coverage for internal use at IHO
 - ENC catalogue delivery (RENC / Non RENC coverage)
 - CATZOC delivery from both RENCs
 - Supply of PRIMAR Overlap Checker to all Regional Hydrographic Commissions.

2017 Financial Issues

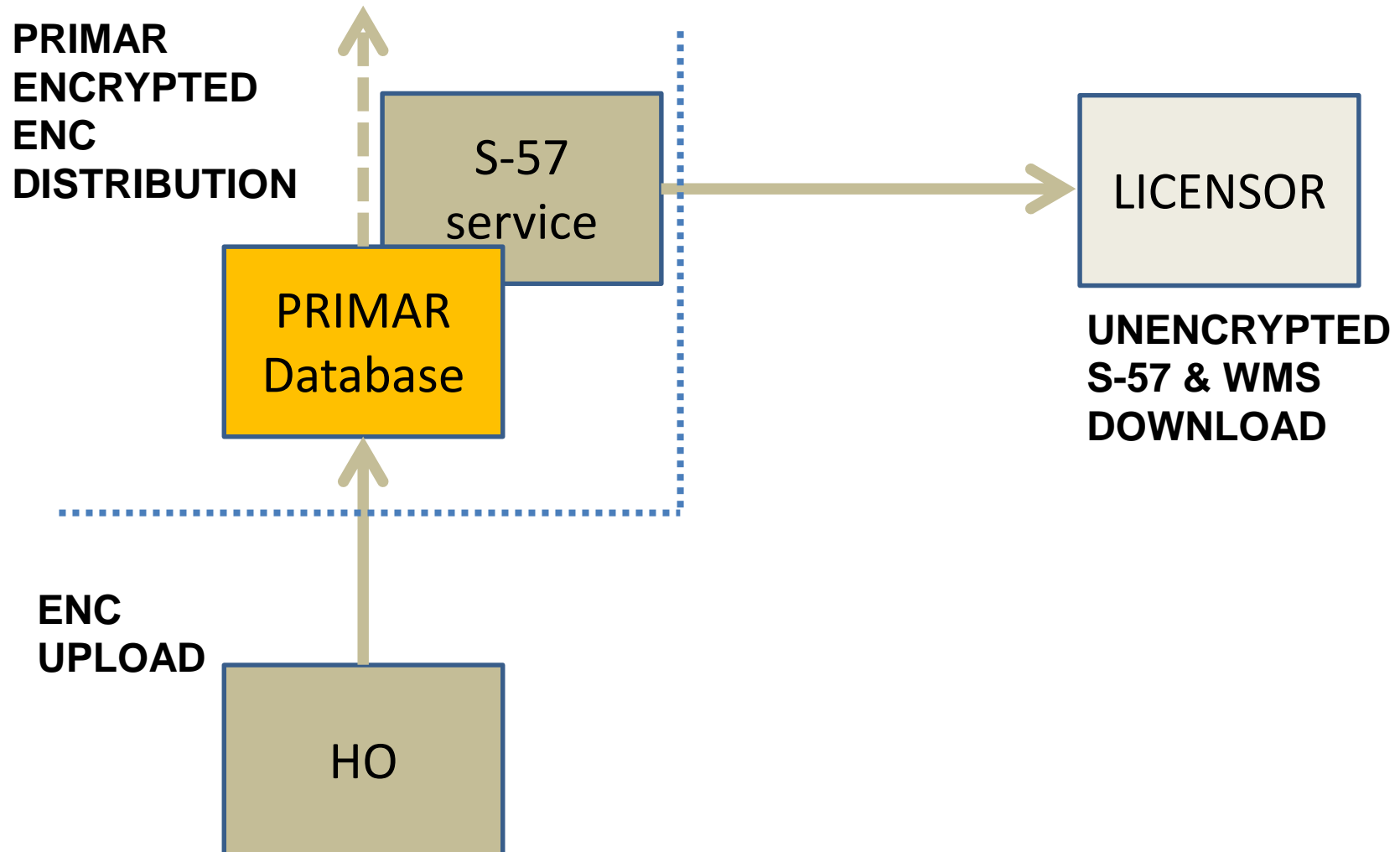
- New financial model introduced in 2017
- Quarterly royalty payments
- Fixed fee pr. ENC transaction
- Transaction fee commercial transactions: \$1,0
- Transaction fee national transactions: \$1,5
- Transaction fee national services to non-PRIMAR members: \$2,3

2017 Technology Development

- Development of next generation of the PRIMAR Chart Catalogue completed. From Java to Web with improved functionality.



Future PRIMAR S-57 distribution



Future PRIMAR S-57 distribution



PRIMAR PORTAL

MY PAGE | VPN | MY AGREEMENT | VRC | INSPECTOR | MY REPORTS | UPDATE TRACKER | **S-57 Service**

NHS-Hans (NHS-Hans) Sign Out

Home

Welcome NHS-Hans

This designated site contains all the relevant information you, as a PRIMAR partner, needs.

It is specifically tailored so that you always have easy access to reports, tools, available products and services and other relevant news from PRIMAR.

A low-angle shot of a sailboat's mast and white sails against a clear blue sky.

Information

New PRIMAR RENC member nation
[Read More](#)

New PRIMAR RENC member nation
[Read More](#)

PRIMAR Distributor Seminar 2016
[Read More](#)

PRIMAR ENC Validation Workshop 3 2016
[Read More](#)

PRIMAR ENC Validation Workshop 2 2016
[Read More](#)

Available PRIMAR Tools and Services

A stylized globe icon with latitude and longitude lines.

A stylized icon of a CD-ROM or disc.

A stylized icon representing a network or data flow with nodes and connections.

A stylized icon of a grid or data table.

Useful links

NORWEGIAN HYDROGRAPHIC SERVICE
INTERNATIONAL MARITIME ORGANIZATION
INTERNATIONAL HYDROGRAPHIC ORGANIZATION
ELECTRONIC CHART CENTRE

CONTACT US

MEDIA CENTRE
ENC COVERAGE
PRIMAR PARTNERS

The PRIMAR logo, consisting of a stylized wave graphic and the word "PRIMAR" in blue capital letters.

FREEDOM TO CHOOSE

PRIMAR S-57 user interface



Kartverket

Main

Data

Visual Download

Selected Cells: 0

Download

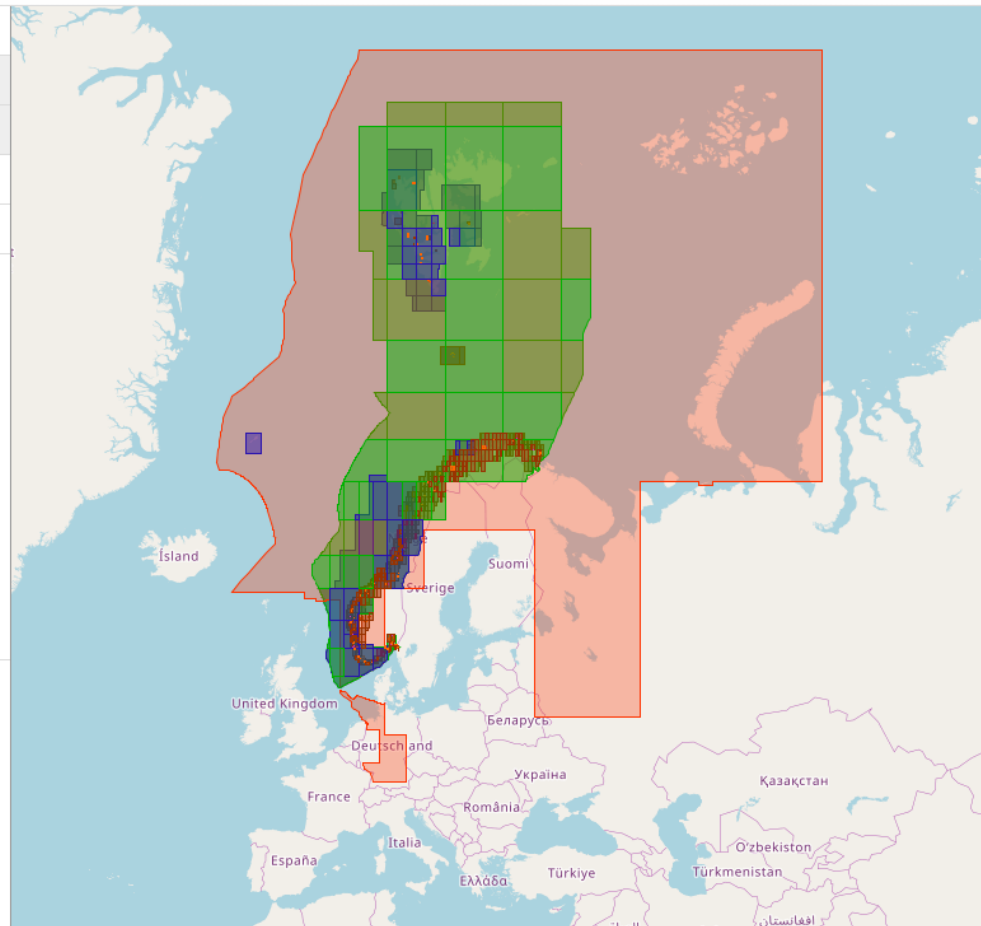
Customize Download

Show selected

Date filter

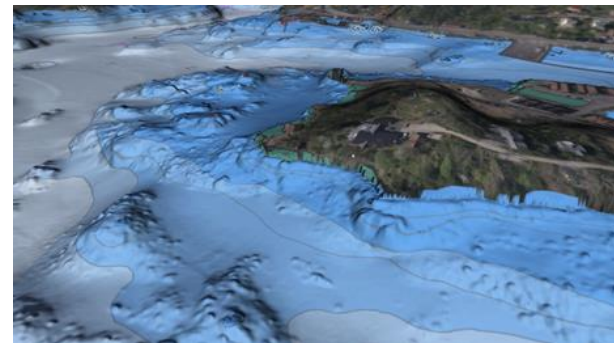
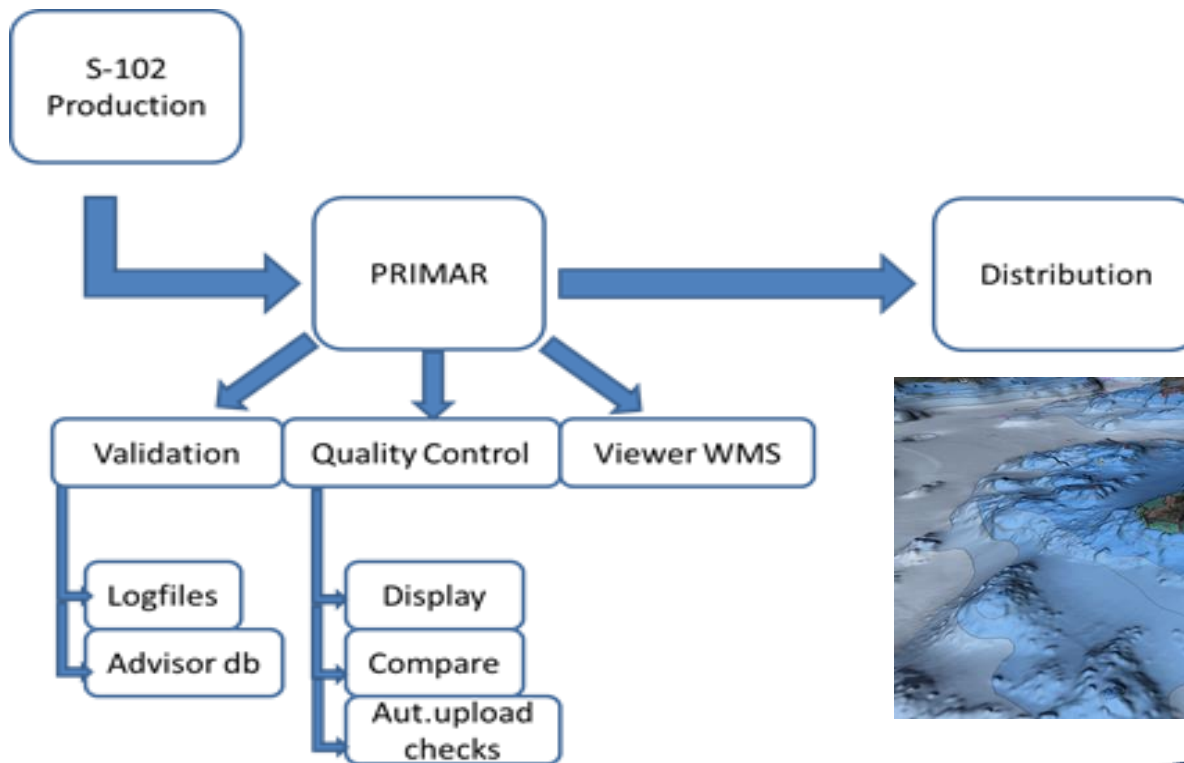
Usagebands

- ☒ Overview
- ☒ General
- ☒ Coastal
- ☒ Approach
- ☒ Harbour
- ☒ Berthing
- ☒ River
- ☒ River harbour
- ☒ River berthing
- ☒ Overlay



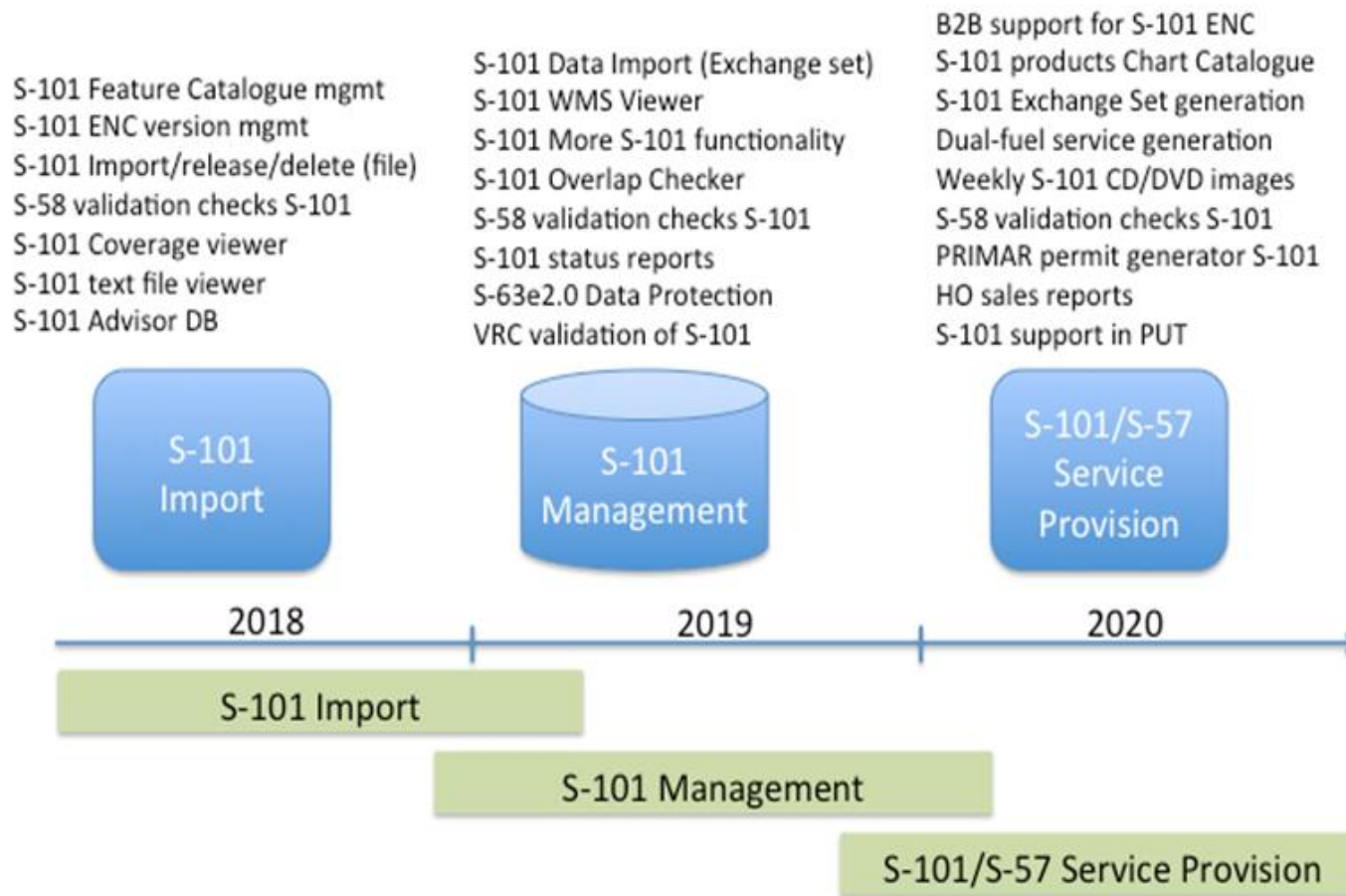
Technology Development

- S-102 data distribution. Awaiting S-63 ed. 2.0.
- Demonstrator for the use of S-102 in an operational environment: www.s-102.no
- PRIMAR will support development of S-63 ed. 2.0 standard.



Technology Development

- PAC 24 approved S-101 development



Thank you for your attention
Questions?

www.primar.org