



PRIMAR[®]

PRIMAR 2016 – NHC61

Norwegian Hydrographic Service

PRIMAR's Vision

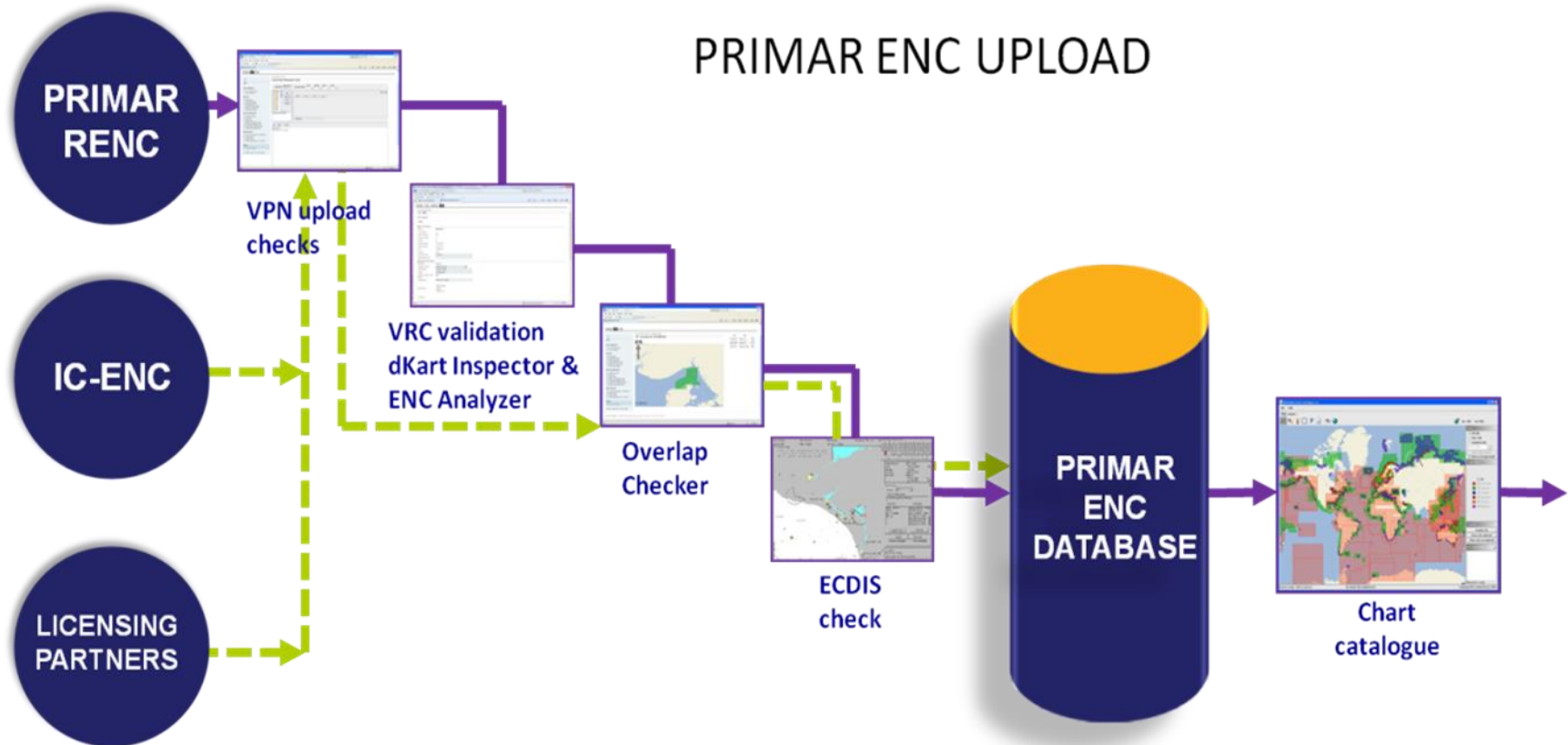
IN ORDER TO ENHANCE SAFETY AT SEA AND PROTECT THE MARITIME ENVIRONMENT, PRIMAR'S VISION IS TO BE THE MOST EFFICIENT MODEL FOR THE PROVISION OF ENC SERVICES AND MARITIME GEOSPATIAL DATA WORLDWIDE.

Targets for 2016

- Continuously provide the world's most efficient ENC quality control and validation services.
- Increased ENC coverage
- Capacity Building
- Increase sales – financial sustainability
- Technology development
- Visibility

ENC QC AND VALIDATION SERVICES

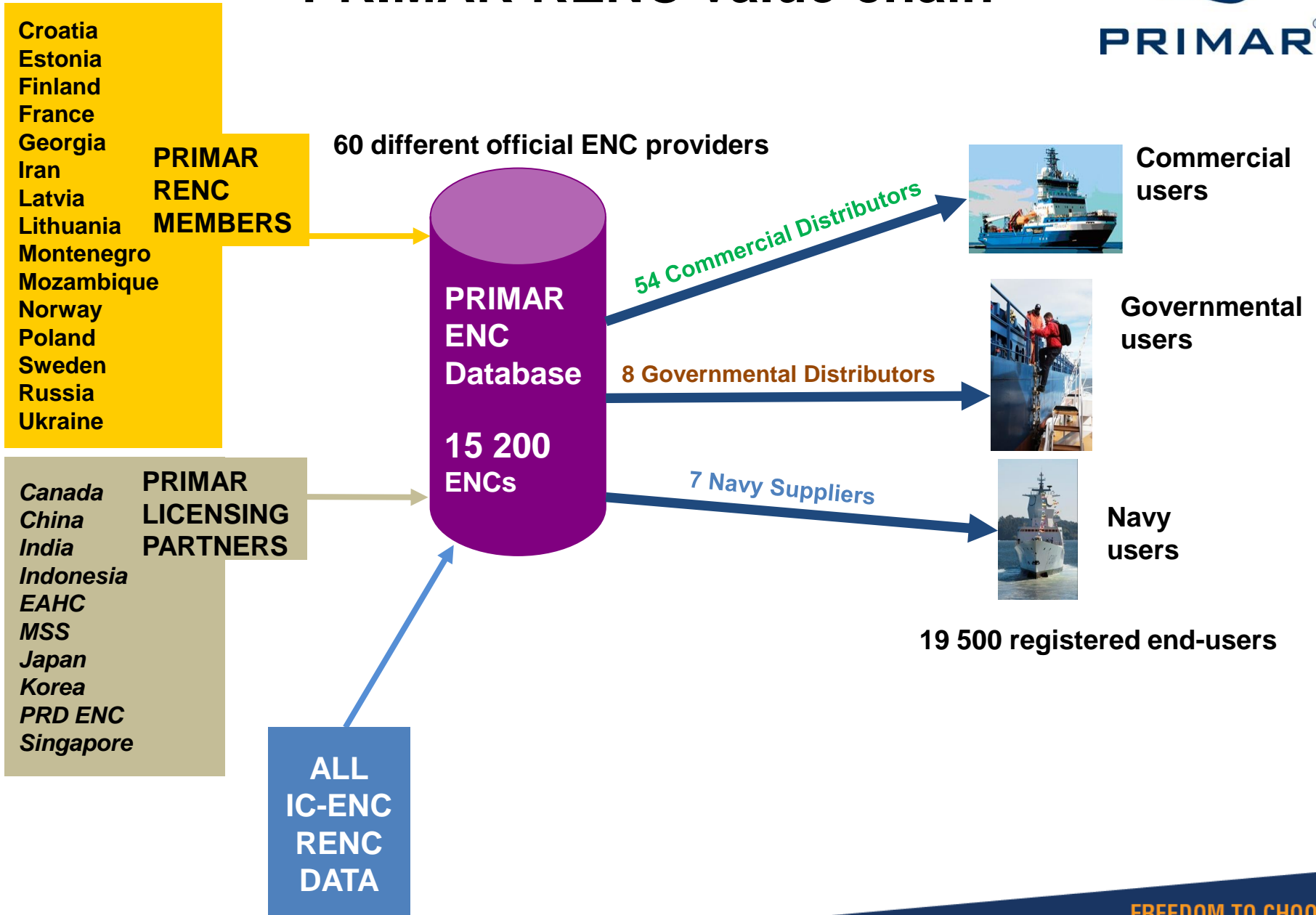
PRIMAR ENC UPLOAD



ENC QC AND VALIDATION SERVICES

Date	Total no of ENCs	Overview	General	Coastal	Approach	Harbor	Berthing	Updates
01.01.16	14 295	177	556	2 357	4 194	5 389	1 622	35 129
01.07.16	14 770	180	569	2 422	4 268	5 547	1 784	38 121
31.12.16	15 201	180	585	2 478	4 346	5 694	1 918	39 653

PRIMAR RENC value chain





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PRIMAR ENC Distribution



PRIMAR supports a wide range of services to assist hydrographic offices in meeting their national requirements.

2016 Capacity Building

- Three ENC validation workshops for four different nations. Nine ENC validators were trained.
- The 14th PRIMAR TEWG meeting. Thirty participants. Focus on new WEB Data Management tools in PRIMAR, ENC overlap. S-58, S-101 and S-102.
- One course in ENC distribution and services arranged for a Navy after signing the PRIMAR Navy Supplier Service.

2016 Financial Issues

- Total revenue of ENC sales 21 % increase compared with 2015.
- Total cost of PRIMAR operation \$2,07m.
- Financial surplus (excess of cost coverage) of approximately \$460k to be paid back to member nations.

2016 Financial Issues

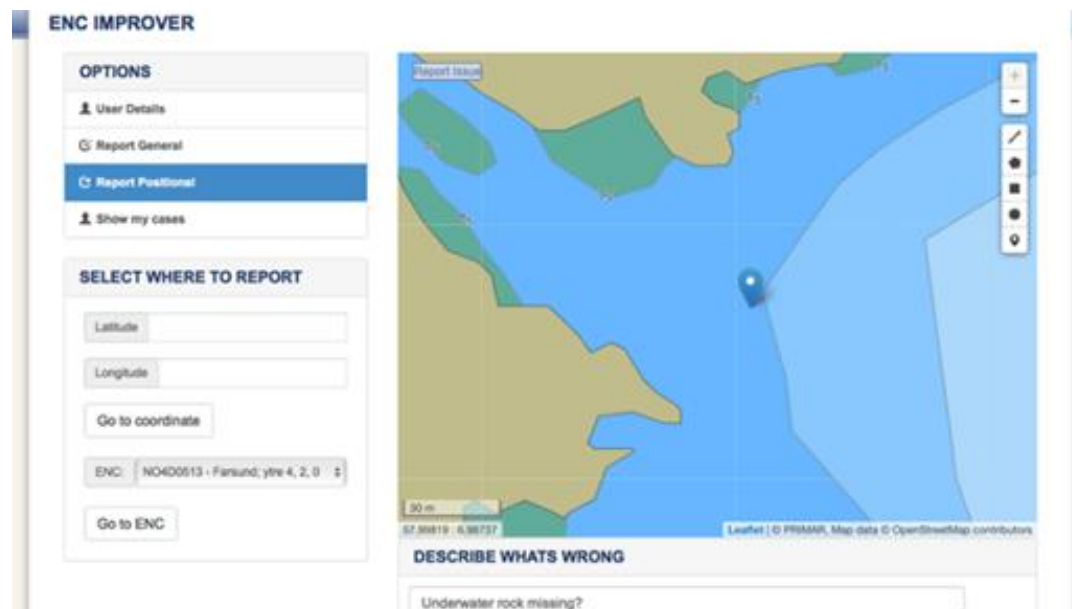
- New financial model approved by PAC 23. Effective from 2017.
- Fixed fee pr. ENC transaction
- Transaction fee commercial transactions: \$1,0
- Transaction fee national transactions: \$1,4
- Transaction fee national services to non-PRIMAR members: \$2,3

2016 Technology Development

- VPN Java applets to WEB project. Completed.
- Official ENC data report. Completed.
- Development of next generation of the PRIMAR Chart Catalogue has started. From Java to Web with improved functionality.

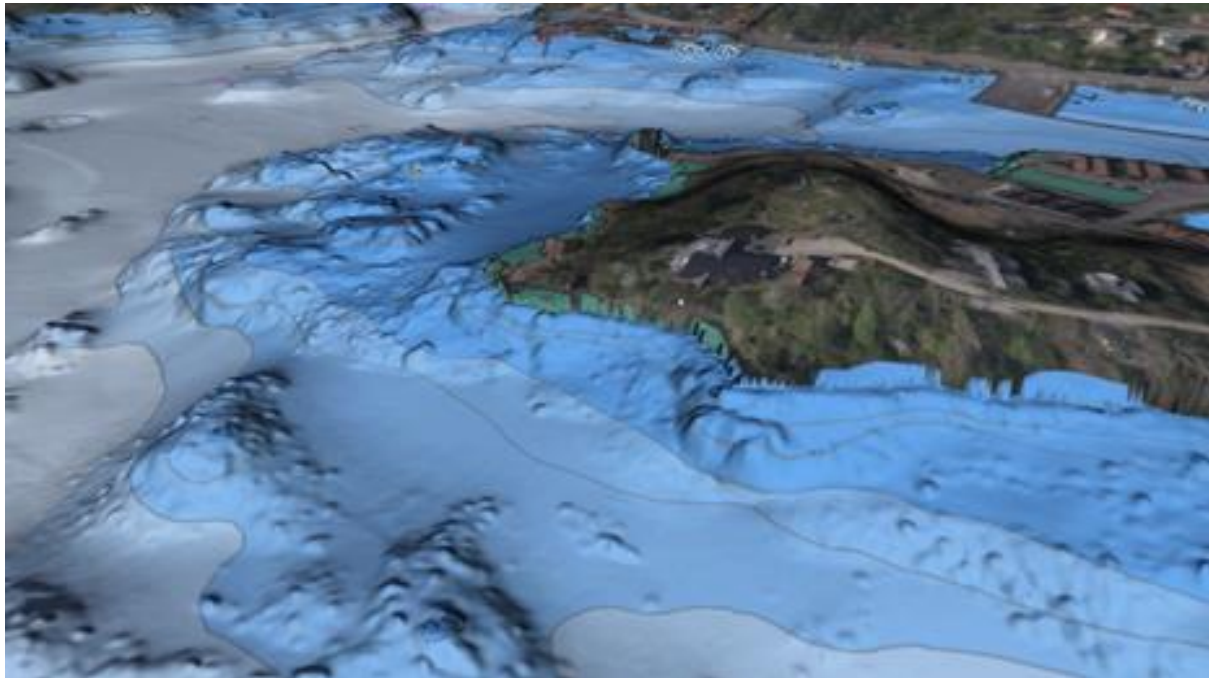
2016 Technology Development

- Web-based PRIMAR ENC Improver. Completed.
- Allows an end-user to provide feedback to the Hydrographic Office on observed errors in an ENC.



2016 Technology Development

- S-102 data distribution. Ongoing.
- S-102 upload, validation, viewing, encryption and distribution.



Targets for 2017

- Provide the world's most efficient ENC quality control and validation services.
- Increased ENC coverage – new members.
- Capacity Building
- Evaluation of new financial model
- Updated strategic plan
- Continue technology development – S-101 project start.
- Visibility



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Thank you for your attention
Questions?

www.primar.org