| | |
|---|---|
| IC-ENC | Mr. James Harper |
| PRIMAR | Mr. Hans Chr. Lauritzen |

# NIOHC 14 2014

# RENC Contents

- RENC concept
- Benefits of RENC membership
- IC-ENC and PRIMAR
- RENC Cooperation

# What is a RENC?

- An organisation that assists HOs in the production, quality assurance and distribution of ENCs.
- Shared experiences, recommendations on best practice and economies of scale mean that RENCs contribute to safety at sea by enhancing ENC quality and accessibility in consistent way.
- Operates in accordance with IHO standards and WEND principles.

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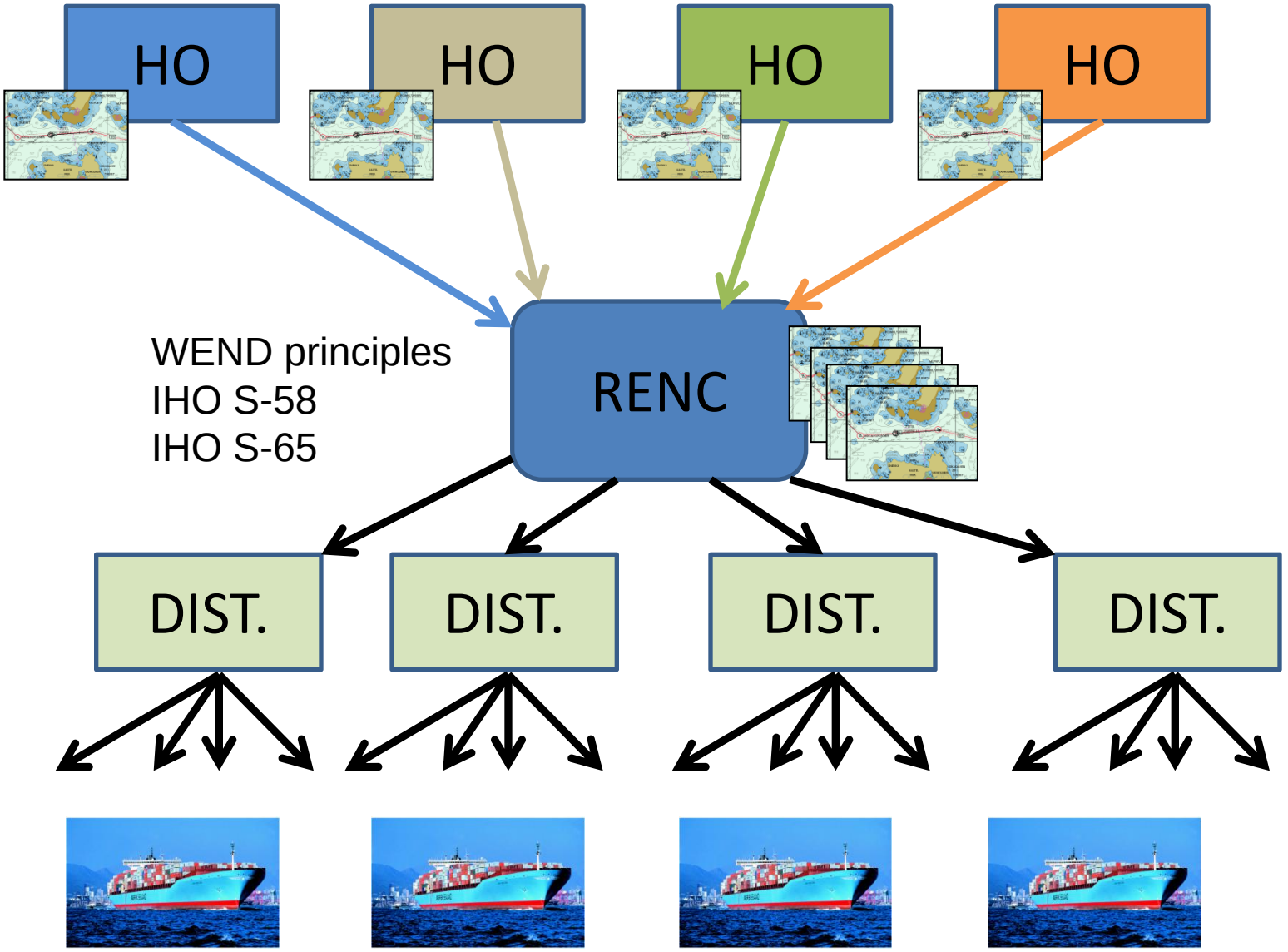
# Distribution through a RENC



# RENC Organisations

There are currently two RENC organisations

ic-enc.org
International Centre for ENCs

- The International Centre for ENCs
- Headquarters is based in England, hosted by UKHO.
- A regional IC-ENC office is in operation in Australia,  hosted by AHS

PRIMAR®

- PRIMAR is based in Norway, Stavanger
- Hosted and operated by the Norwegian HS

# RENC Members

- Combined, 40 IHO member states are members of a RENC

Argentina,
Australia,
Bahrain,
Belgium,
Brazil,
Chile,
Colombia,
Croatia,
Cuba,
Denmark,
Ecuador,
Estonia,
Finland,
France,
Georgia
Germany,
Greece,
Iceland,
Iran,
Latvia,
Lithuania
Montenegro
Mozambique,
Mexico
Netherlands,
New Zealand,
Norway,
Pakistan,
Peru,
Poland,
Portugal,
Romania
Russian Federation,
South Africa
Spain,
Sweden,
Turkey,
United Kingdom,
Uruguay,
Venezuela.

**We represent more than half of the ENC producing member states…**

# RENC distribution

- IHO member states / entities distributing through PRIMAR RENC in addition.

| | |
|---|---|
| Canada | South-Korea |
| EAHC ENCs | Singapore |
| Italy | Malacca and Singapore Straits (MSS) |
| India | USA |
| Japan | Ukraine |

**We represent <u>more than half</u> of the ENC producing member states…**

# Total RENC database

**PRIMAR RENC**

- Brazil
- Croatia
- Estonia
- Finland
- France
- Greece
- Georgia
- Iran
- Latvia
- Lithuania
- Montenegro
- Mozambique
- Norway
- Poland
- Sweden
- Russia

**PRIMAR LICENSING PARTNERS**

- *Canada*
- *EAHC*
- *Italy*
- *India*
- *Japan*
- *Korea*
- *Singapore*
- *MSS*
- *USA*
- *Ukraine*

**IC-ENC**

- Argentine
- Australia
- Bahrain
- Belgium
- Brazil
- Chile
- Colombia
- Cuba
- Denmark
- Ecuador
- Germany
- Iceland
- Mexico
- Mozambique
- Netherlands
- New Zealand
- Pakistan
- Peru
- Philippines
- Portugal
- Romania
- Russia
- South Africa
- Spain
- Turkey
- UK
- Uruguay
- Venezuela

**RENC ENC Database**

**11 780 ENCs**

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# RENC Data Coverage

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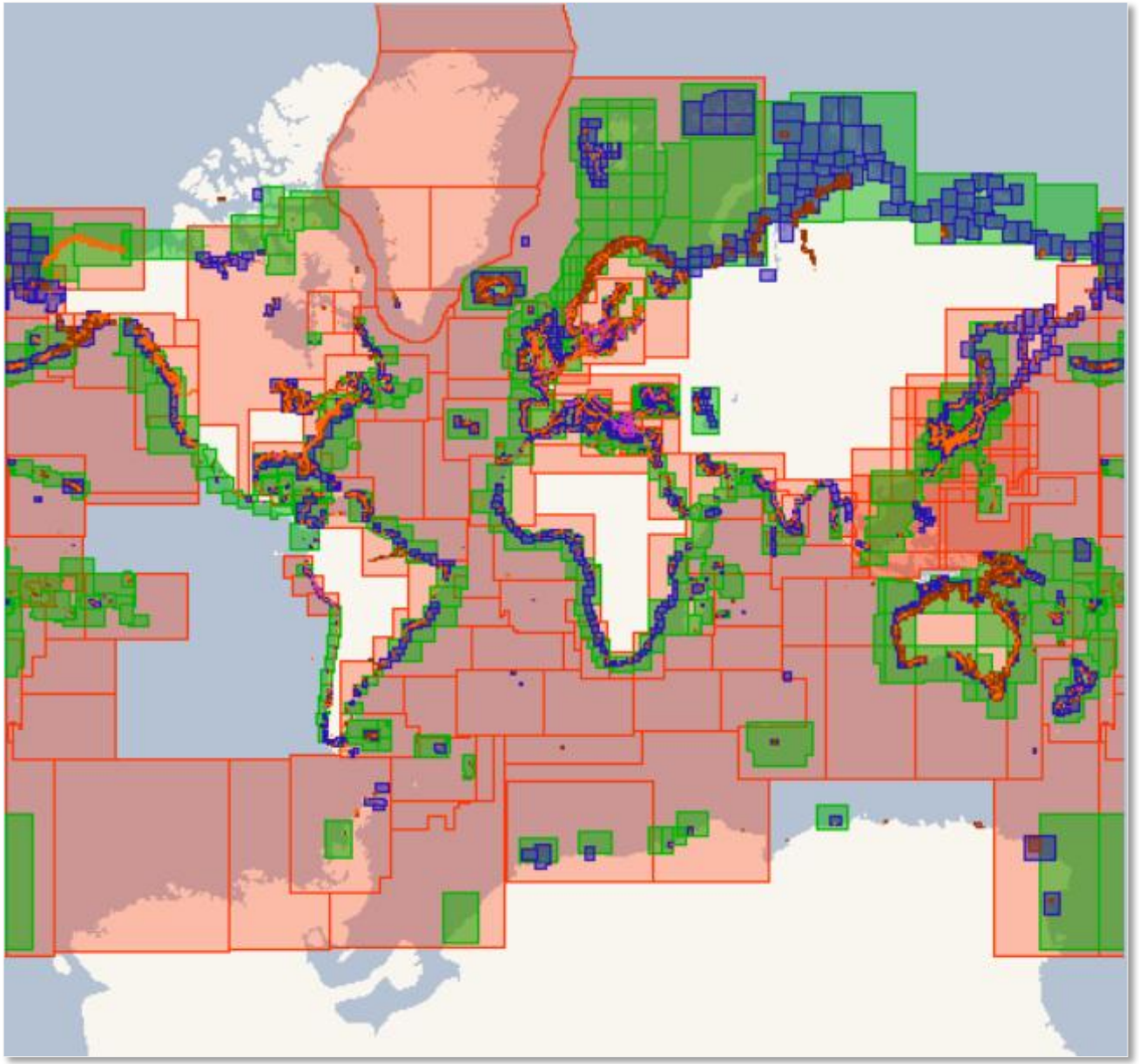
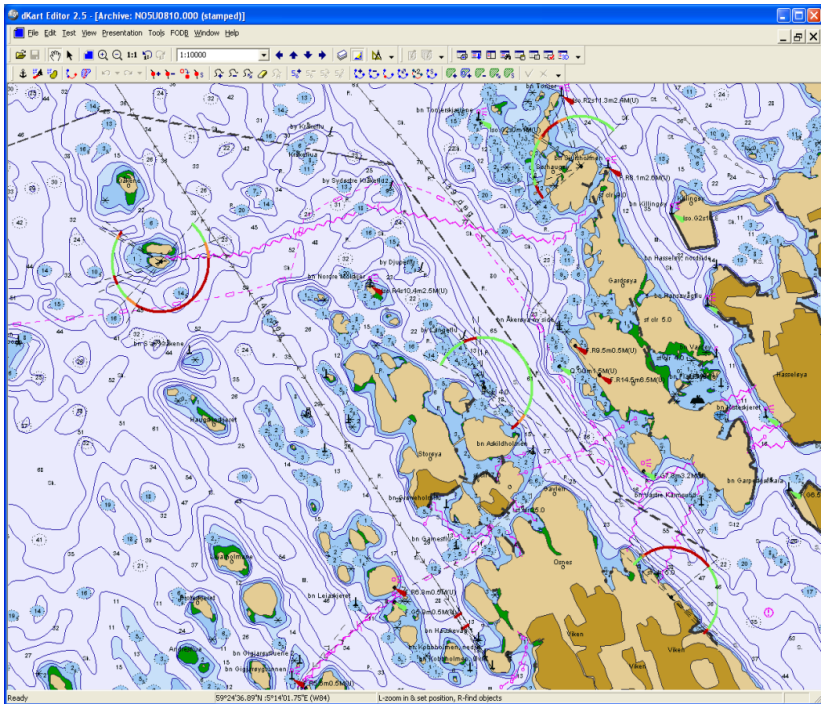


# Benefits of RENC Membership

1. Data Quality – Validation tools and services
   - Shared Experiences
2. Distribution - Established route to market for ENCs
   - Available from a single source, under a single set of terms and conditions
3. Revenue Management
4. Additional HO services

# Benefits – Data Quality

- The RENCs have established and refined quality procedures based on the IHO standards in order to ensure ENC consistency and harmonization.
- Coordination and sharing of ENC knowledge and experience among HOs avoids duplication of work and ensure efficiency.



# Benefits – ENC distribution

- ENCs distributed through the RENCs are available to the end users through the whole range of service providers and get the widest possible distribution
- Distribution through the RENCs has a positive impact on availability and innovation in the maritime industry
- Distribution through RENCs ensures harmonized terms and conditions for service providers

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# Benefits – Revenue Management

- RENCs provide itemized sales reports for each member
- RENCs manage the collection of revenue from VAR / distributers, returning the appropriate amount to each HO

# Benefits – HO services

- Services for Navies, Marine pilots, VTS, Coast Guard, Search & Rescue etc.
- Ensuring a common chart reference for all actors concerned with maritime safety
  - Directly linked into national ENC databases, receiving the latest ENC data at all times

# Funding – how are these benefits paid for?

- The RENCs are operated on a not-for-profit basis
- Operational costs are recovered by retaining a portion of each HOs ENC revenue

# Full RENC Descriptions

- The RENCs have produced high level description documents, looking at the operation, governance and finances of each organization.
- The documents are available on the RENC websites:

**www.ic-enc.org** **www.primar.org**

# RENC Co-operation

- Regular RENC – RENC meetings
- Open sessions at each Strategic Group meeting
- Other combined activities, e.g RHC presentations
- JTEWG
- Quality assurance

# How to Join

- Each RENC office is hosted by an HO (supply staff, accommodation and infrastructure)
- Method of joining is though a bilateral arrangement with one of the host HOs

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# Thank you

ic-enc.org
International Centre for ENCs