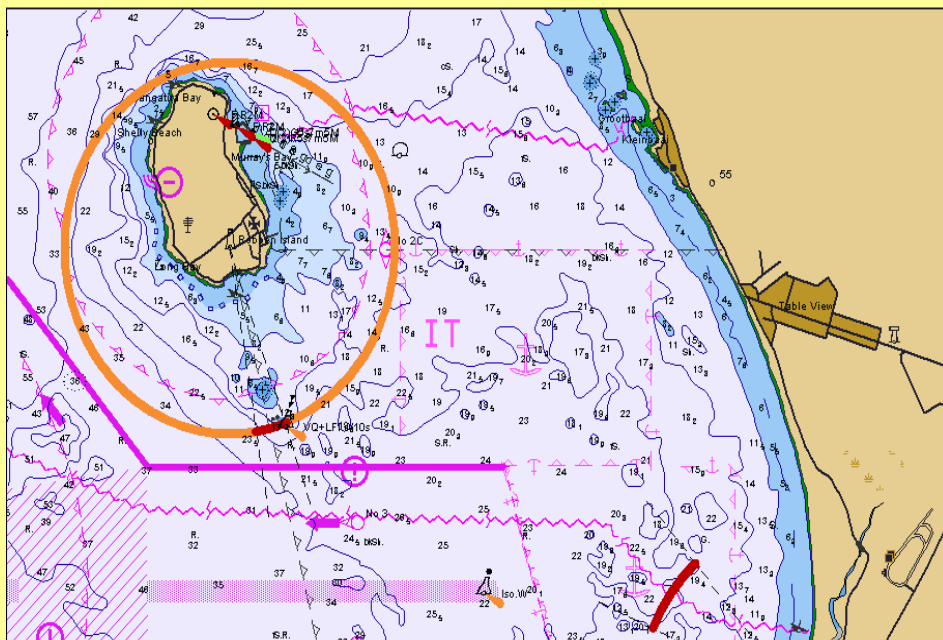


REGIONAL ENC/ECDIS SEMINAR Presentation on IHO WEND Principles



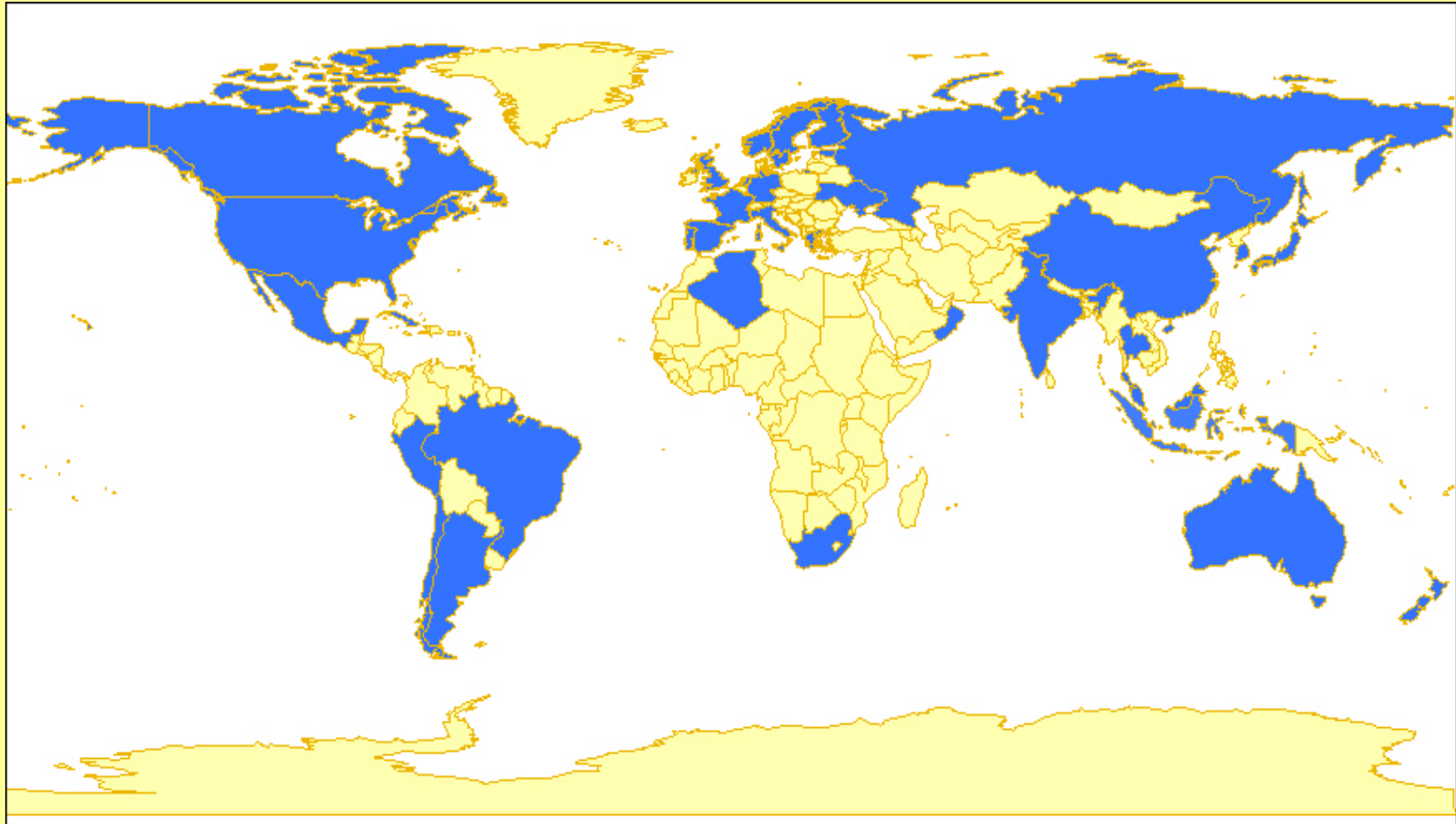
Captain Abri Kampfer
Hydrographer SA Navy
Chairman WEND



PURPOSE OF WEND

The purpose of WEND is to ensure a worldwide consistent level of high-quality, updated official ENC's through integrated services that support chart carriage requirements of SOLAS Chapter V, and the requirements of the IMO Performance Standards for ECDIS.

WEND Membership- Geographic Spread



Algeria, Argentina , Australia , Brazil, Canada, Chile, China, Cuba, Estonia, Finland ,
France, Germany , Greece, India , Indonesia, Italy , Japan , Korea (Rep.of) , Malaysia,
Mexico , Netherlands , New Zealand , Norway , Oman, Peru, Portugal, Russian
Federation, Singapore, South Africa, Spain, Sweden, Thailand, Ukraine. (Taken from 2
the WEND 10 Members List)

WEND PRINCIPLES

•Service Provision

- Updated ENC's
- Integrated Services
- Distribution
- Harmonisation
- Approval
- Encryption
- User friendly service

WEND PRINCIPLES (2)

•Rights and Responsibilities

- SOLAS Chap 5
- Mature supply and updating of ENCs
- ENC Coverage
- IHO Data Protection Scheme (S-63)
- Exposure to legal liability

WEND PRINCIPLES (3)

•Standards and Quality Management

- Quality Management System (ISO Standards)

- Conformance with IHO and IMO standards

•Assistance and Training

- Capacity Building

Outstanding Issues

- Member States will strive to ensure that, mariners, anywhere in the world, can obtain fully updated ENC's for all shipping routes and ports across the world.
- Member States will strive to ensure that their ENC data are available to users through integrated services.
- Member States are encouraged to distribute their ENC's through a RENC

Outstanding Issues (2)

- The updating of ENCs should be at least as frequent as that provided by the nation for correction of paper charting.
- Conformance to standards and consistency across cell boundaries.

Outstanding Issues (3)

- National HOs providing source data are responsible for advising the issuing HO of update information in a timely manner.
- A Quality Management System should be considered to assure high quality of ENC services.

Significance of Compliance

- The proposed dates for implementation of mandating ECDIS are 2012 - 2018 depending on class of ship and tonnage. November 2008 for approval and then to MSC 86 in May 2009 for adoption.

- The IHO on behalf of its MS made a commitment to IMO that it will achieve adequate ENC coverage ahead of any general mandatory carriage requirements for ECDIS

- As a consequence it is now vitally important that Member States cooperate to the fullest extent possible to ensure that such coverage is achieved by 2010, as has been clearly indicated to IMO.

CONCLUSION

Individual hydrographic departments will not be able to rise to this challenge by simply working in isolation. It is vital that hydrographic offices work together to harmonize and coordinate their ENC production and distribution activities in order to ensure the success of ENCs and ECDIS.

THE WAY FORWARD?

- More direct participation of RHCs to improve regional ENC coverage
- Request CBC intervention to assist with production of ENCs and to establish capabilities.
- Establishing prioritised routes and address ENC coverage and survey deficiencies for those areas