



RSAHC - 6

9 – 12 February 2015

Abu Dhabi, United Arab Emirates

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Agenda Item RSAHC6-10: Worldwide ENC  
Database Working Group (WENDWG)

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IHB (WENDWG Secretary)

# Content

- ✦ Background information: Objective, Tasks, Membership
- ✦ Current issues (*that will be addressed at the WENDWG-5, 3-5 March 2015, Singapore*)
- ✦ WENDWG activities to be considered by RSAHC



# WENDWG: Objective, Tasks, Membership

*“ The purpose of the WEND Working Group is ...to assist in facilitating a world-wide consistent level of high-quality, updated official ENCs through integrated services that support chart carriage requirements of SOLAS Chapter V, and the requirements of the IMO Performance Standards for ECDIS. “*



# WENDWG: Objective, Tasks, Membership (Cont.)

*“Monitor the development of adequate ENC coverage to meet carriage requirements for ECDIS. “*

→ Every year, the IHB reports to the IMO Sub-Committee on Navigation, Communication, Search and Rescue (NCSR)



**CONSIDERATION OF ECDIS MATTERS RELATED TO THE IMPLEMENTATION OF THE**  
ENCs were reviewed. A detailed report was provided to BIMCO. In agreement with BIMCO,  
the report has been posted on the IHO website<sup>1</sup>.

- 7 The feedback from the survey confirmed a number of known issues related to:
- the difference between paper chart symbols and those used to display ENCs;
  - ECDIS not displaying ENC features as expected or as required;
  - inconsistencies between ENCs and paper charts or between ENCs of different scales; and
  - the promulgation of temporary and preliminary notices to mariners in ENC updates.

Small-scale ENCs (planning charts)	~100%	~100%	~100%	~100%
Medium-scale ENCs (coastal charts)	77%	88%	90%	90%
Large-scale ENCs (top 800 ports)	84%	94%	96%	97%



# WENDWG: Objective, Tasks, Membership (Cont.)

*“Membership of the WG ... representatives from IHO*

*Member States, representatives from each RENC*

*operator, the Chairs of the RENC governance boards,*

*representatives from each RHC...”*

→ usually, the representative of the RHC is the Region

XX INTernational Charting Coordinator (IR of Iran for

Region I under RSAHC)



# WENDWG: Current Issues

Reminder: ENC's are INT electronic charts by construction (the concept of national [paper] chart is over in the ENC world), and this is in application of the WEND Principles.

The IHO also maintains the "Guidelines for the implementation of the WEND Principles" (IHO CL 40/2014 refers)

→ updated *WEND Principles and Guidelines*, May 2014



# WENDWG: Current Issues

→ **IRCC6/29, 36, 37 & 40** – ENC updates, consistency with paper charts (T&P updates) and between ENCs, coverage, overlaps

→ **IRCC6/38 & 39** – ENCs distribution through RENCs (IHO CL 59 & 72/2014 refer)

**EIHC5 – PRO 7** – What if WEND Principles not fully implemented

→ **Decision N° 12**: long term consequences to be assessed by IRCC





# WENDWG: Current Issues

→ **IHO CL 08/2015**: implementation date for Ed. 5.0.0 of S-58 (ENC Validation Checks)

*IHO Strategic and Working Level Performance Indicators*

→ **SP1, SPI8, WPI15, WPI16....**: to be provided by WENDWG through RHCs (when?, metric?, who?)

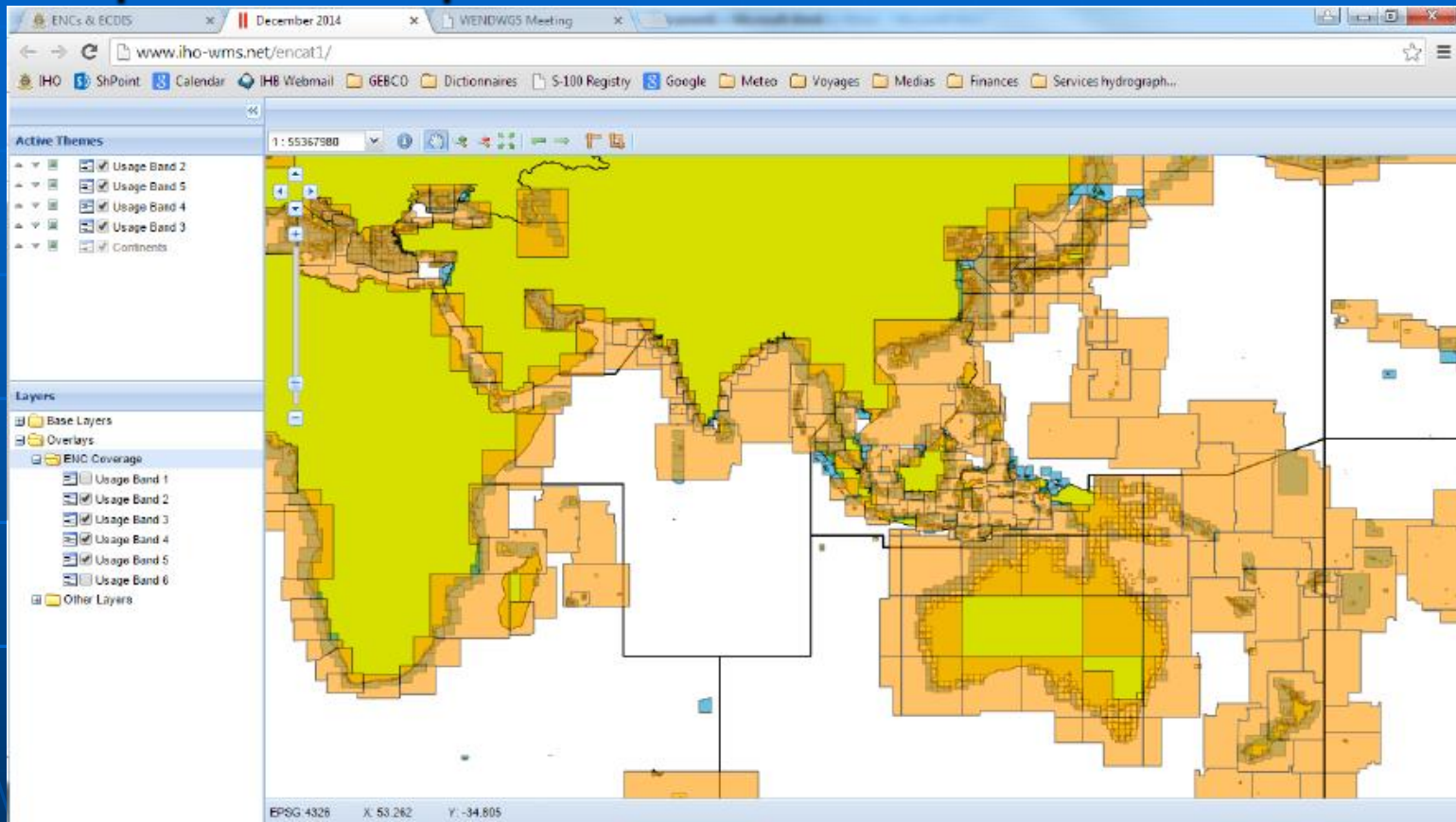


# WENDWG: Current Issues

- **SP1**: Number and percentage of Coastal States providing ENC coverage directly or through an agreement with a third party
- **SPI8**: Percentage of available / agreed ENC schemes, and percentage of ENC available
- **WPI15**: Growth in ENC coverage worldwide, as reported in the IHO on-line catalogue, relative to the existing gap in adequate coverage (as defined by IMO/NAV) from the benchmark 01 Aug. 2008



# WENDWG: Current Issues – IHO ENC Catalogue Development as part of IHO GIS Environment...



... and RENC tools for IHO internal use only: coverage, overlap checker, WMS flow...



# WENDWVG activities to be considered by RSAHC

- ✦ Note the report
- ✦ Participate in the WENDWVG meetings and by correspondence
- ✦ Provide following relevant information to the IHB:
  - SPIs, WPIs (*pending mechanism to be defined and coordinated by WENDWVG*), coverage/consistency issues
- ✦ Address coverage, gaps and overlaps issues based on mariners priorities (relies obviously on the existence of priority survey schemes)
- ✦ Align paper charts and ENC updates (T&Ps)
- ✦ Anticipate the future (transition to S-101)
- ✦ Capacity building in chart production (ENC at the latest stage)



# Questions?

More on [www.iho.int](http://www.iho.int) > Committees & WGs > IRCC > WENDWG

