

International Centre for Electronic Navigational Charts

IC-ENC Update to SAIHC

Cape Town, August 2016

James Harper, IC-ENC General Manager

Presentation title:

Forget ENCs!



Agenda

- Why am I here?
- ENCs in the SAIHC
- The WEND: ENC Quality, Consistency, Availability
- The role of RENCs
- Key message



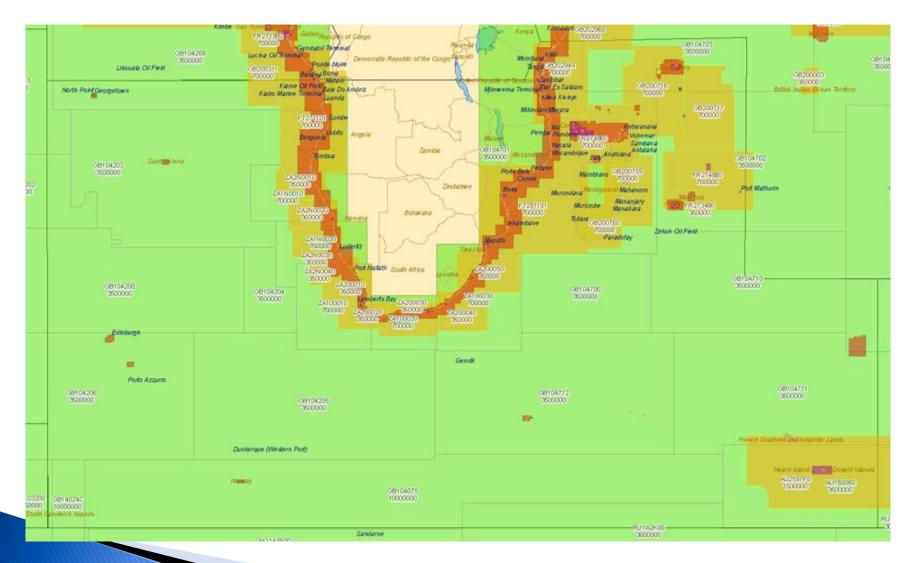
Why am I here?

SAIHC 2015 Action 27:

	DEGRIGITO.		
27	Norway proposed that for the next SAIHC conference, an invitation will be forwarded to both regional ENC centres ie IC-ENC and Primar. The Chair concurred and indicated that invitations will be made to both to attend the next SAIHC Conference.	SAIHC Chair.	
1 00	CAILC 12 Conformants to be hold in	O - 1 TIL V T	

Powerpoint Title 16/04/2012

ENCs in the SAIHC





ENCs in the SAIHC

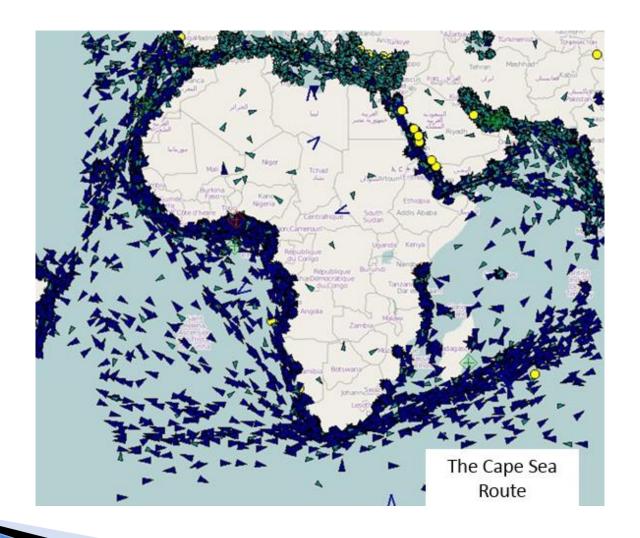
Producer / Usage Band	1	2	3	4	5	6
Australia	2	1	0	1	0	0
France	0	3	4	9	9	2
India	0	0	0	1	6	3
Norway	0	0	0	1	0	0
Portugal	0	2	0	0	0	0
Russia	2	0	0	0	0	0
South Africa	5	9	18	13	11	0
United Kingdom	17	7	32	32	14	2
	26	22	54	57	40	7



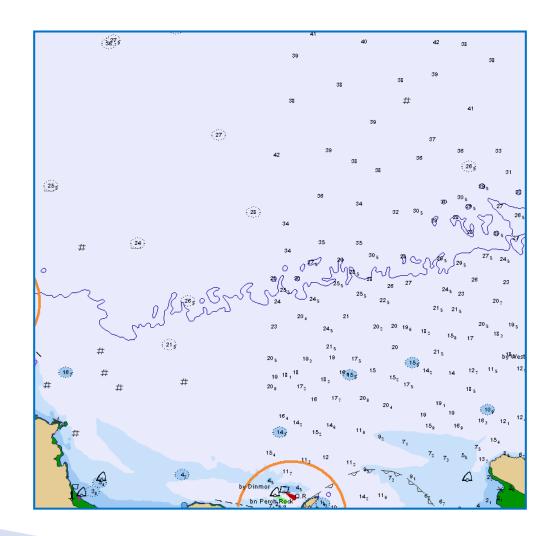
Forget ENCs, think WEND

- Worldwide
- Electronic
- Navigational Chart
- Database

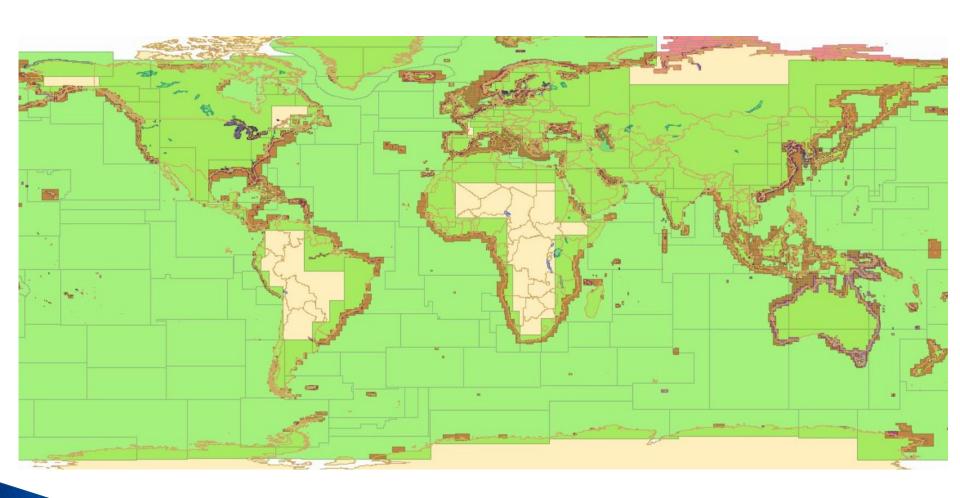
The 'W' of WEND; Worldwide...



Forget ENCs, think WEND



WEND so far...





The WEND requires:

- Each individual ENC to be of appropriate Quality
- Consistency across the WEND
- Availability (including maintenance)

RENCs (PRIMAR & IC-ENC) are in place to assist HOs with achieving this



IC-ENC's Mission

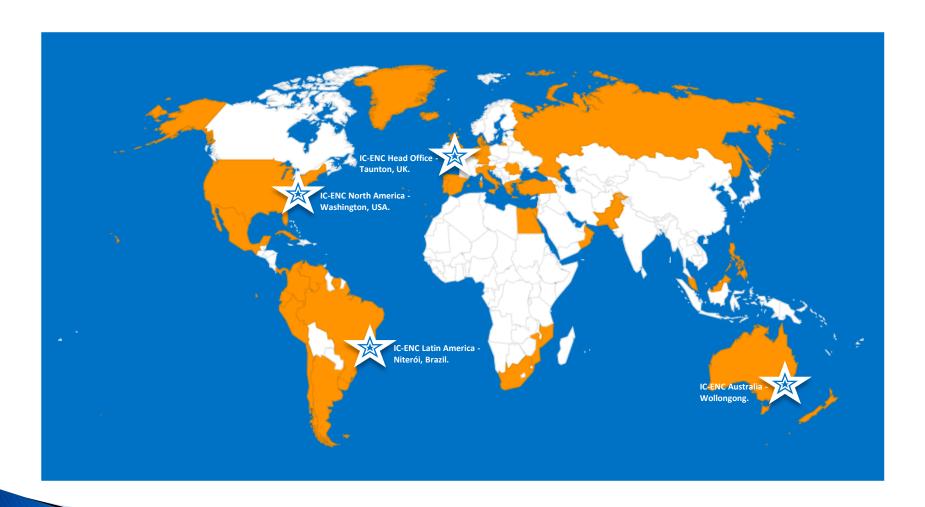
To provide services, at a low cost, to national Hydrographic Offices that ensure their ENCs are:

compliant to the international standards, consistent across the global dataset, and readily available for use.

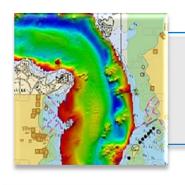
This is so that shipping can navigate safely, efficiently and confidently, whilst ensuring other maritime users are using the same approved data.

Better ENCs

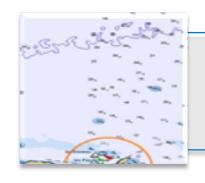
Membership (40) & IC-ENC Offices (4)



IC-ENC Core Services



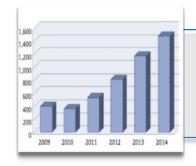
ENC Production Support



ENC Validation



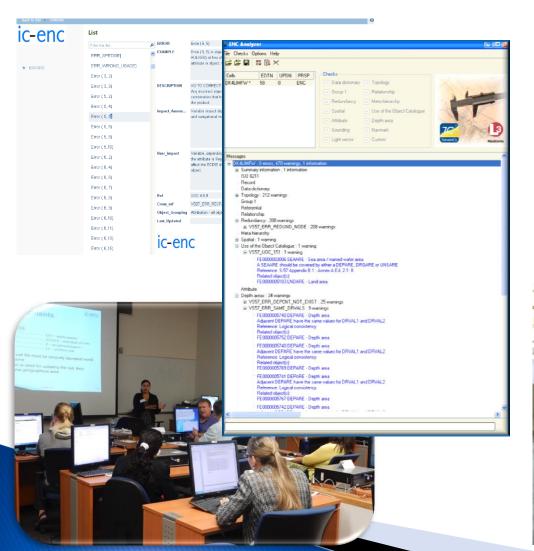
ENC Distribution



Revenue Management & Financial Reporting



ENC Quality and WEND Consistency: Validation and Production Support







Availability: Worldwide ENC Distribution









DATEMA NAUTICAL SAFETY



A BOEING COMPANY



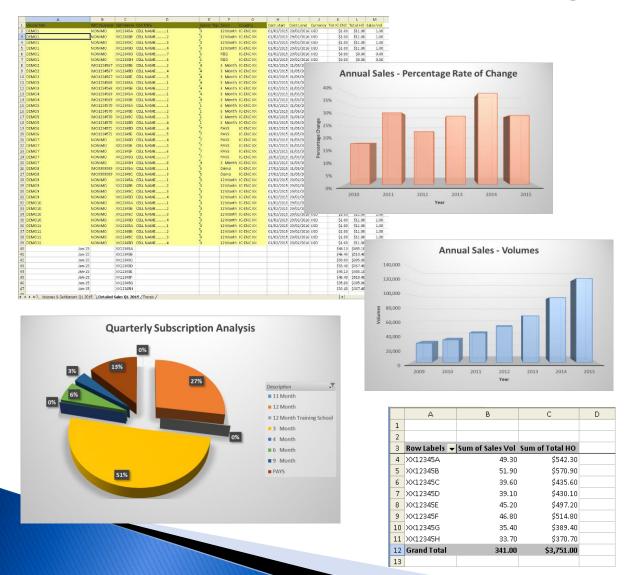








ENC Revenue Management



Detailed sales reports produced

Financial payments made to ENC Producers each quarter



Key message:

For emerging ENC Producers in the SAIHC to "think WEND"

- ENC Quality
- WEND Consistency
- Availability

What about the Established ENC IC-enc Producers?

- ENC Departments change (people, tools, philosophy etc)
 - Resources, capacity building, training
- ▶ S-101
 - The new ENC Standard new production tools, techniques, understanding

#