



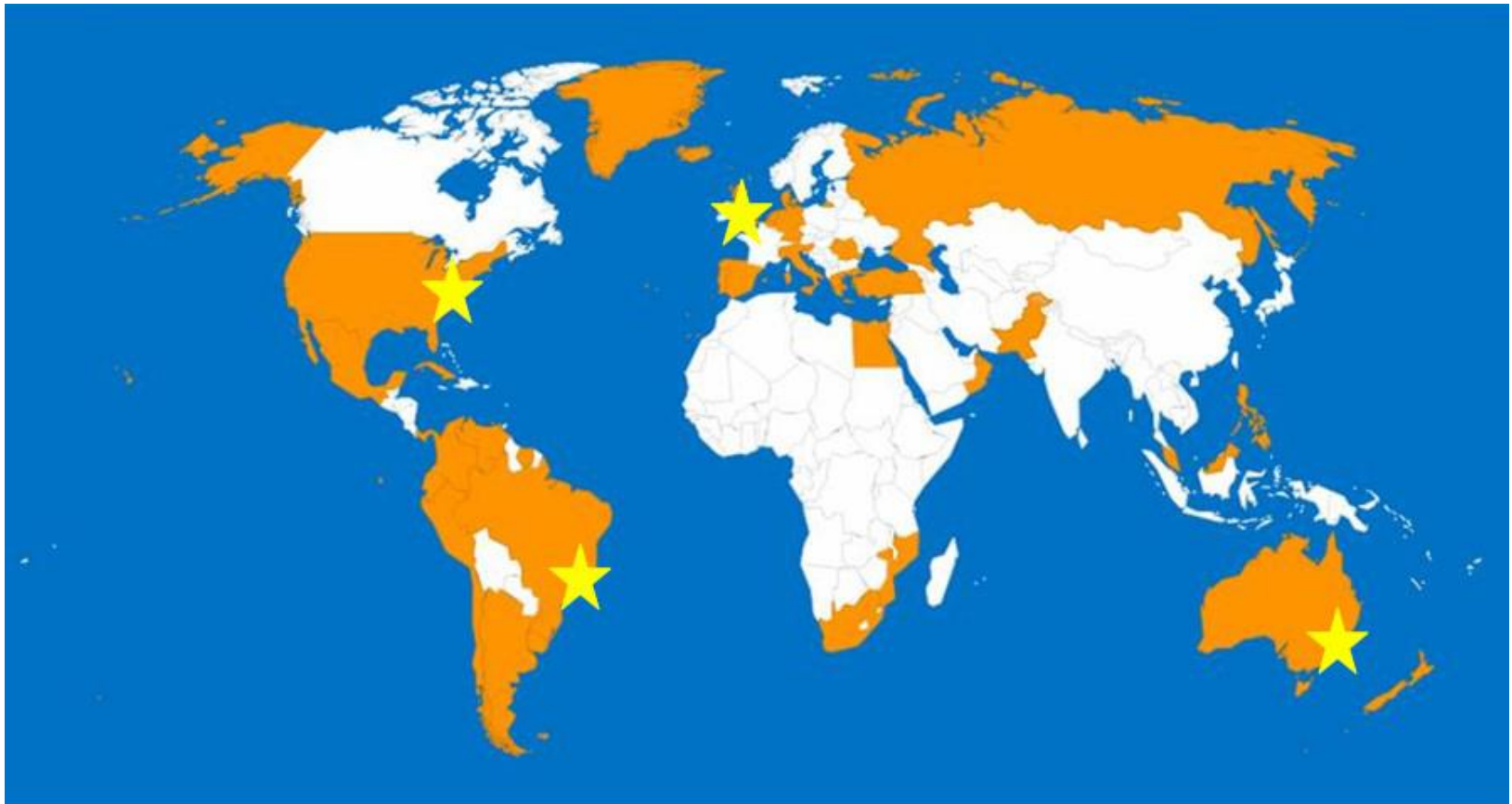
International Centre for
Electronic Navigational Charts

Agenda

- ▶ IC-ENC Highlights - 2015
 - Members / Folio
 - International ENC collaboration, with a regional focus
 - Data flow within IC-ENC
 - Regional office structure
 - Core Services
 - Finances

Members and Offices

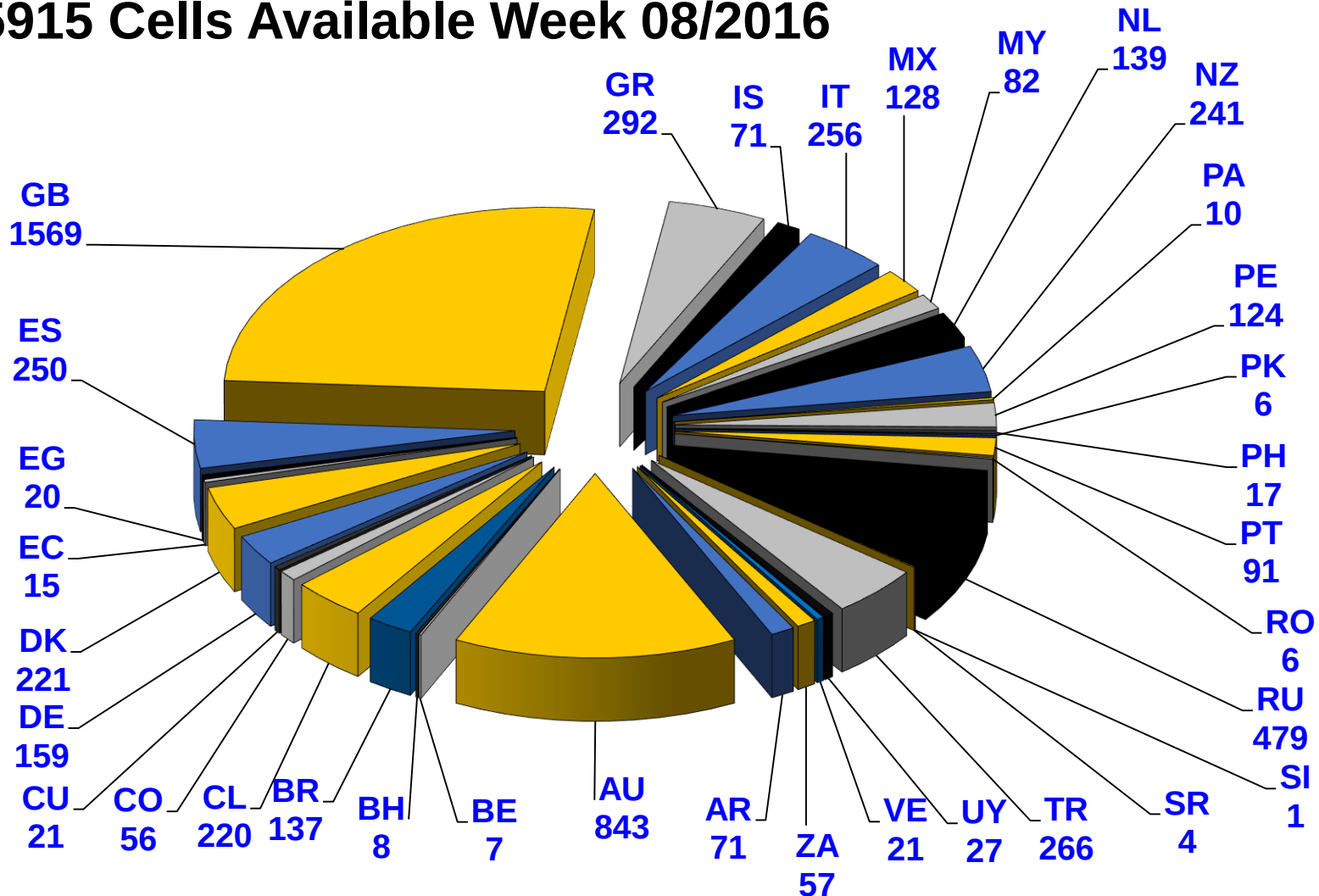
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New members since WENDWG5: Israel, Malta, Oman, Panama, United States

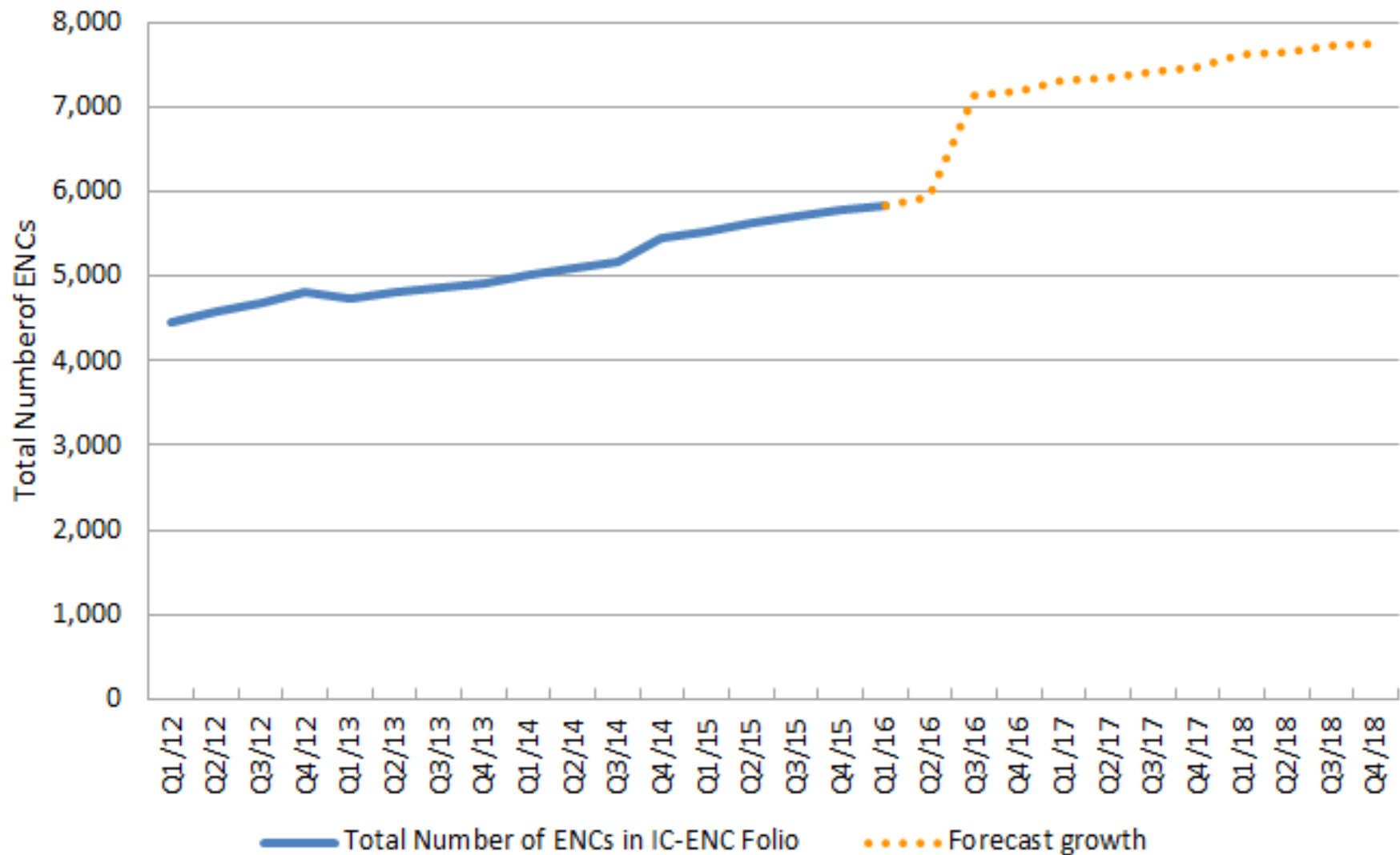
IC-ENC Members' ENC's

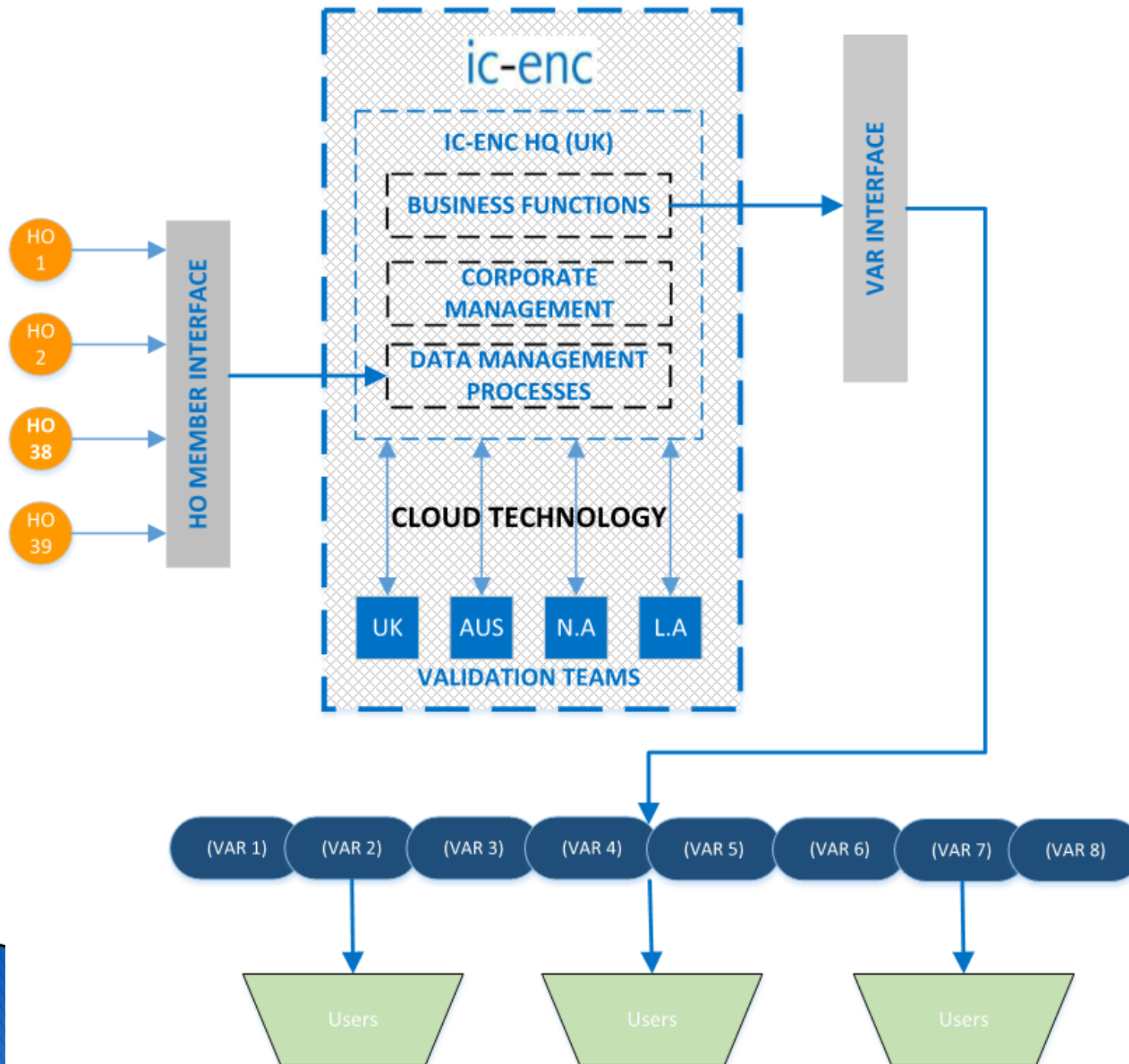
5915 Cells Available Week 08/2016



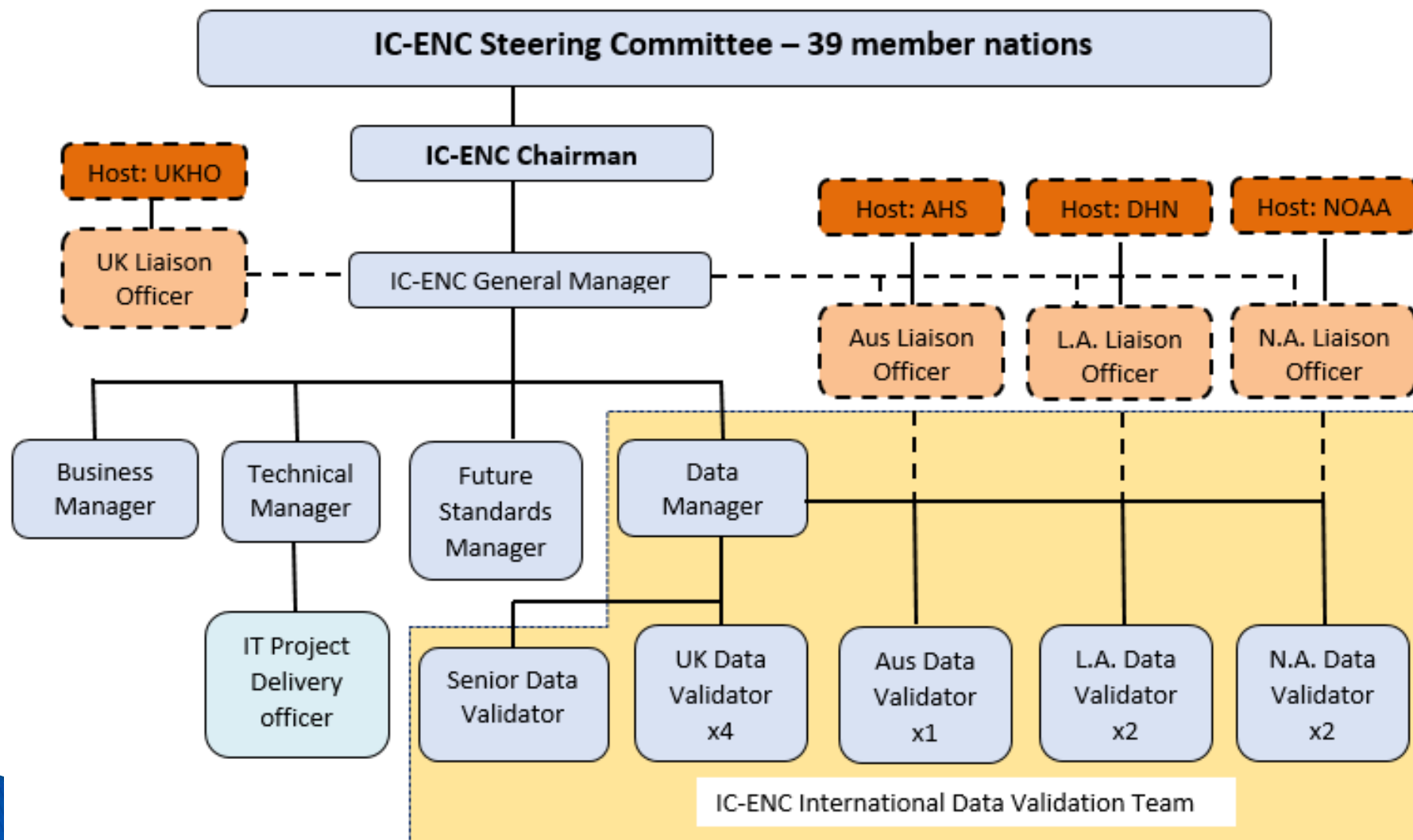
IC-ENC ENC Folio growth

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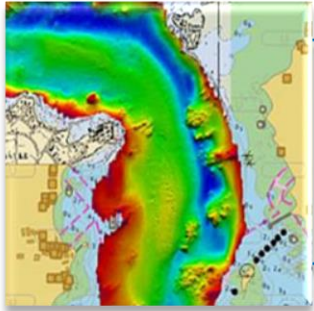
IC-ENC Organisational Structure



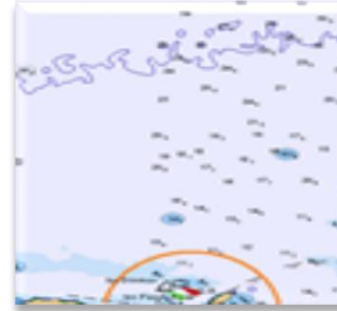
Latin & North Americas validation ic-enc teams



IC-ENC Core Services



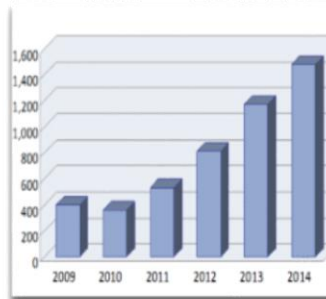
ENC Production Support



ENC Validation



ENC Distribution



Revenue Management

2015 ENC Validation training

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Wollongong, Australia



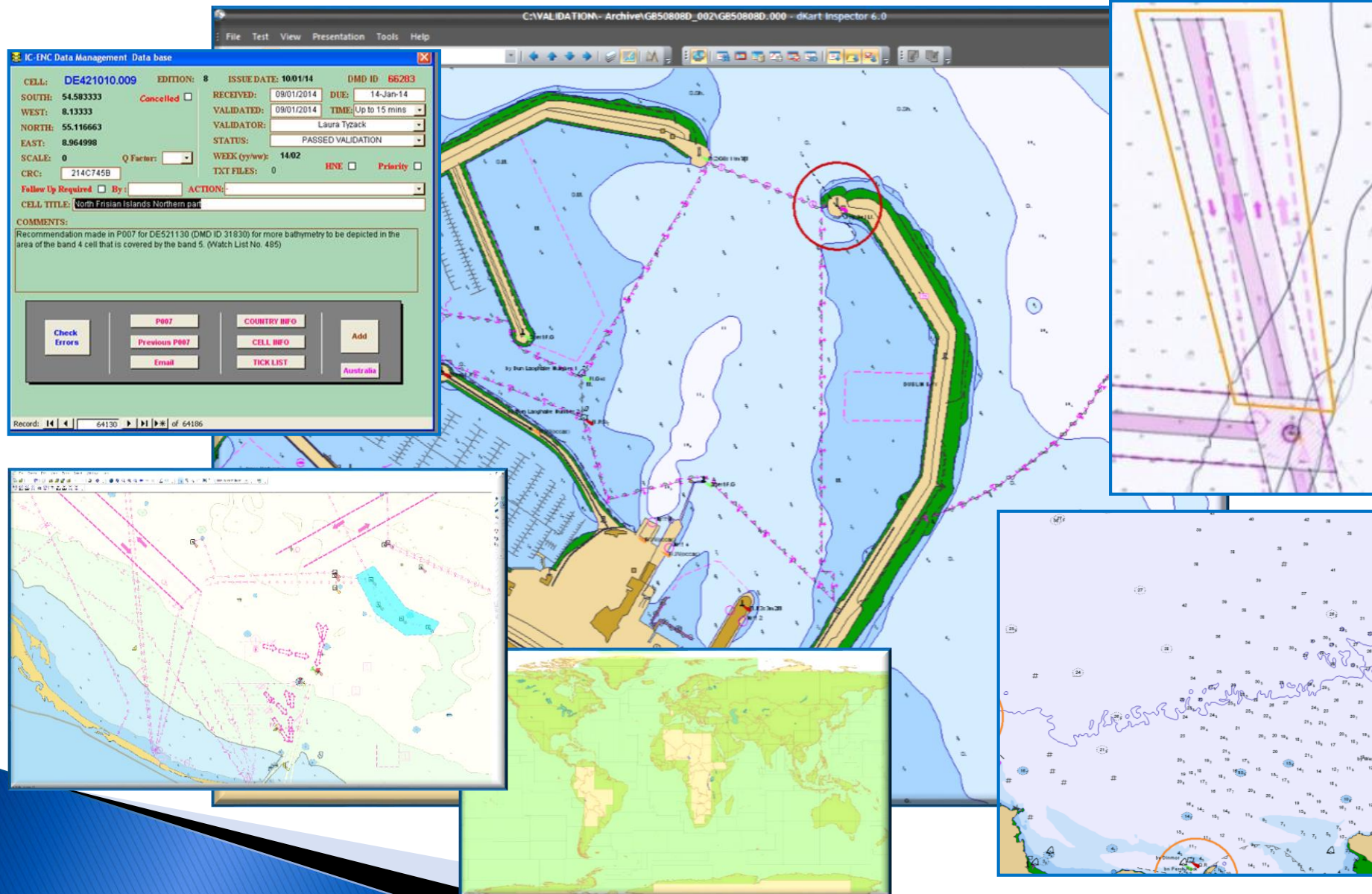
Taunton, UK



Panama City, Panama

IC-ENC Validation

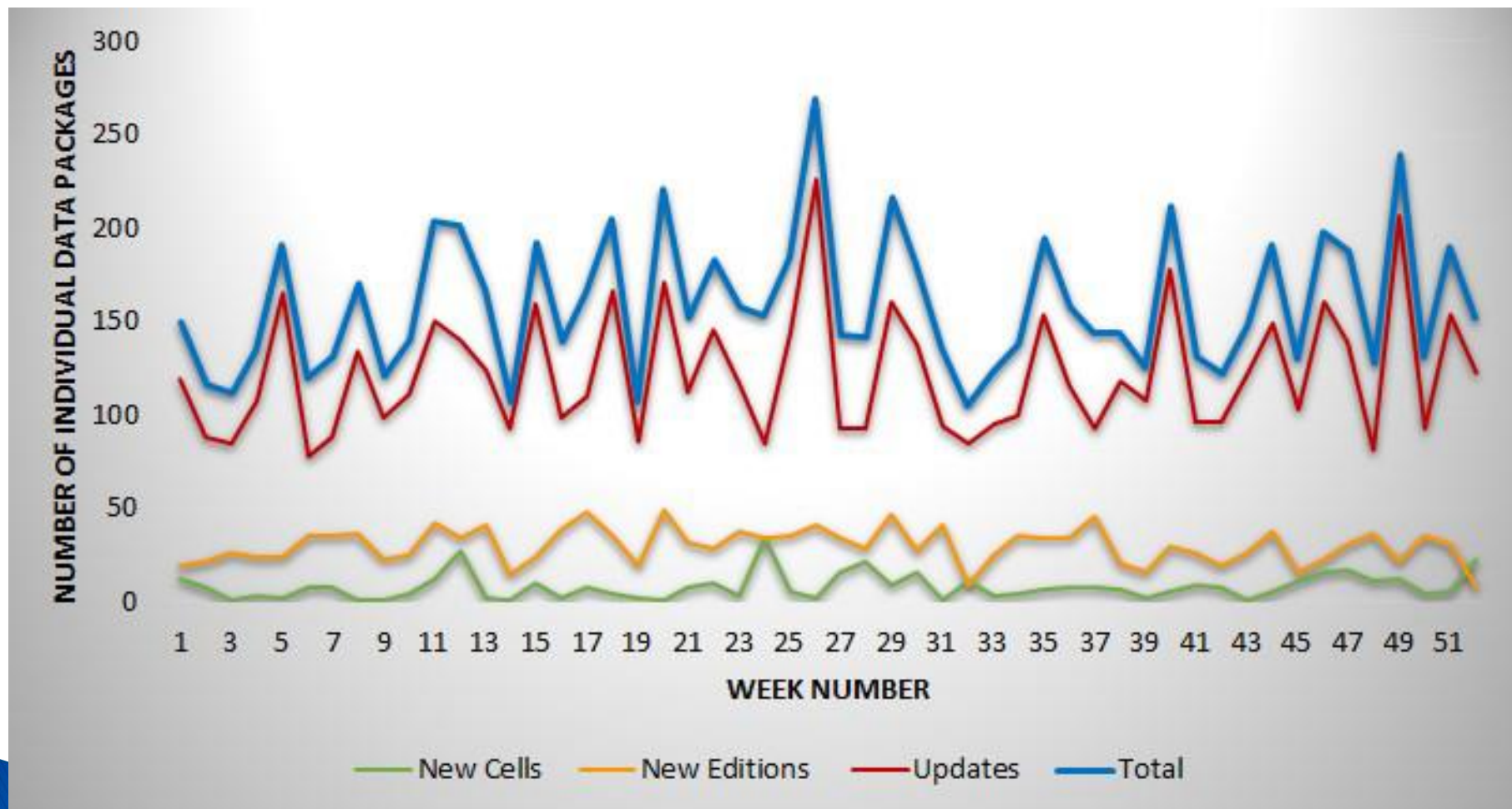
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2015 Validation

	Updates	New Editions	New Cells	Total
Validation	6676	1644	682	9002
Returned for Improvement Action Before Release	254	114	118	488
Percentage Validation (%)	3.8%	6.9%	17.3%	5.4%

Weekly Data Release



Distribution: Value Added Resellers

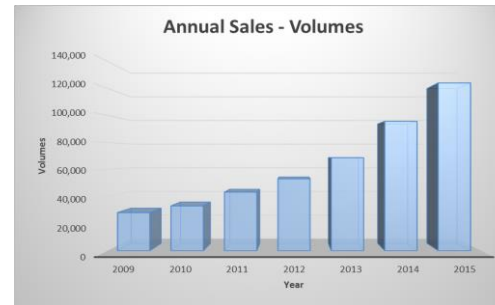


PRIMAR[®]

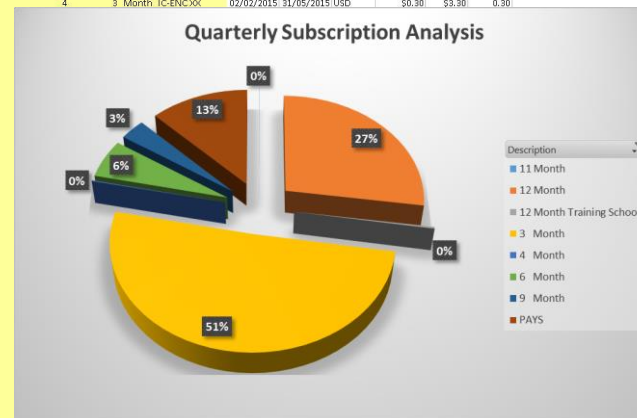


Revenue Management

- “Real Time Reporting” from 1st February 2015
- IC-ENC fixed fee set to \$1



Vessel Nm.	IMO Number	Cell Name	Cell Title	Subscr Typ	Depr	Country	Cont.start	Contr.end	Currency	Tot IC-ENC	Total HO	Sales Vol
1 DEMO1	NONIMO	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
2 DEMO1	NONIMO	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
3 DEMO1	NONIMO	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
4 DEMO1	NONIMO	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
5 DEMO1	NONIMO	XX12345E	CELL NAME.....5	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
6 DEMO1	NONIMO	XX12345F	CELL NAME.....6	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
7 DEMO1	NONIMO	XX12345G	CELL NAME.....7	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
8 DEMO1	NONIMO	XX12345H	CELL NAME.....8	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
9 DEMO2	IMO1234567	XX12345B	CELL NAME.....2	4	3 Month	IC-ENC-XX	02/02/2015	31/05/2015	USD	\$0.30	\$3.30	0.30
10 DEMO2	IMO1234567	XX12345D	CELL NAME.....4	4	3 Month	IC-ENC-XX	02/02/2015	31/05/2015	USD	\$0.30	\$3.30	0.30
11 DEMO2	IMO1234567	XX12345E	CELL NAME.....5	4	3 Month	IC-ENC-XX	02/02/2015	31/05/2015	USD	\$0.30	\$3.30	0.30
12 DEMO3	IMO1234568	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
13 DEMO3	IMO1234568	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
14 DEMO4	IMO1234569	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
15 DEMO5	IMO1234570	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
16 DEMO5	IMO1234570	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
17 DEMO5	IMO1234570	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
18 DEMO5	IMO1234570	XX12345E	CELL NAME.....5	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
19 DEMO6	IMO1234571	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
20 DEMO6	IMO1234571	XX12345E	CELL NAME.....5	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
21 DEMO7	NONIMO	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
22 DEMO7	NONIMO	XX12345E	CELL NAME.....5	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
23 DEMO7	NONIMO	XX12345F	CELL NAME.....6	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
24 DEMO7	NONIMO	XX12345G	CELL NAME.....7	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
25 DEMO7	NONIMO	XX12345H	CELL NAME.....8	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
26 DEMO8	IMO9999999	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
27 DEMO8	IMO9999999	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
28 DEMO9	NONIMO	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
29 DEMO9	NONIMO	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
30 DEMO9	NONIMO	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
31 DEMO9	NONIMO	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
32 DEMO10	NONIMO	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
33 DEMO10	NONIMO	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
34 DEMO10	NONIMO	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
35 DEMO10	NONIMO	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
36 DEMO11	NONIMO	XX12345A	CELL NAME.....1	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
37 DEMO11	NONIMO	XX12345B	CELL NAME.....2	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
38 DEMO11	NONIMO	XX12345C	CELL NAME.....3	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
39 DEMO11	NONIMO	XX12345D	CELL NAME.....4	0	12 Month	IC-ENC-XX	01/02/2015	29/02/2016	USD	\$1.00	\$11.00	1.00
40	Jan-15	XX12345A								\$44.10	\$485.10	44.10
41	Jan-15	XX12345B								\$46.40	\$510.40	46.40
42	Jan-15	XX12345C								\$35.00	\$385.00	35.00
43	Jan-15	XX12345D								\$33.40	\$367.40	33.40
44	Jan-15	XX12345E								\$44.10	\$485.10	44.10
45	Jan-15	XX12345F								\$46.40	\$510.40	46.40
46	Jan-15	XX12345G								\$35.00	\$385.00	35.00
47	Jan-15	XX12345H								\$33.40	\$367.40	33.40



MANAGEMENT SYSTEM CERTIFICATE

Certificate No:
187430-2015-AQ-GBR-UKAS

Initial certification date:
02 October 2015

Valid:
06 October 2015 - 15 September 2018

This is to certify that the management system of

International Centre for ENC's

Grenville Building, Admiralty Way, Taunton, Somerset, TA1 2DN, United Kingdom

has been found to conform to the Quality Management System standard:

ISO 9001:2008

This certificate is valid for the following scope:

The provision of Electronic Navigational Charts (ENC) validation, distribution, revenue management and associated support services.

Place and date:
London, 06 October 2015



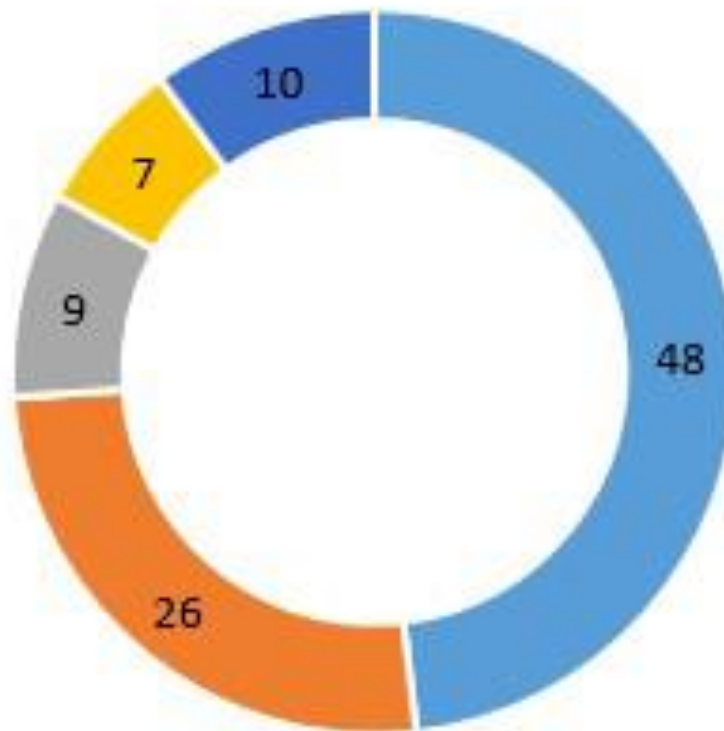
For the issuing office:
DNV GL – Business Assurance
Palace House, 3 Cathedral Street, London,
SE1 9DE, United Kingdom

A handwritten signature in black ink, appearing to read 'Gurpal Kaur'.

Gurpal Kaur
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT: DNV GL Business Assurance UK Limited, Palace House, 3 Cathedral Street, London SE19DE, United Kingdom.
TEL: +44(0) 207 357 6080. assurance.dnvgl.com

How has each \$1 been used?



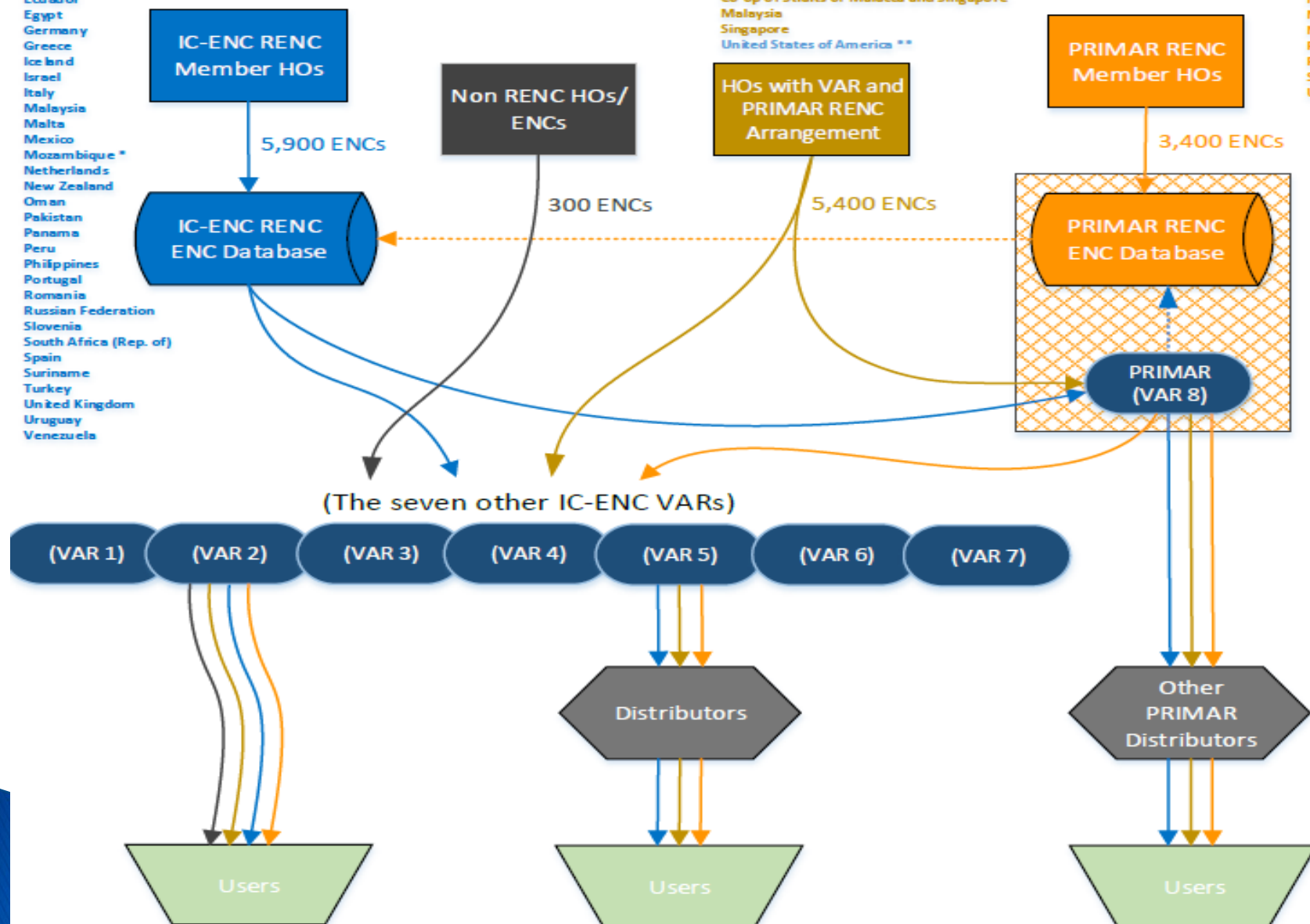
- Staff wage costs, 48 cents
- Work Plan activities, 26 cents
- Technology, 9 cents
- Accommodation, 7 cents
- Contribution to surplus, 10 cents

Argentina
 Australia
 Bahrain
 Belgium
 Brazil *
 Chile
 Colombia
 Cuba
 Denmark
 Ecuador
 Egypt
 Germany
 Greece
 Iceland
 Israel
 Italy
 Malaysia
 Malta
 Mexico
 Mozambique *
 Netherlands
 New Zealand
 Oman
 Pakistan
 Panama
 Peru
 Philippines
 Portugal
 Romania
 Russian Federation
 Slovenia
 South Africa (Rep. of)
 Spain
 Suriname
 Turkey
 United Kingdom
 Uruguay
 Venezuela

Myanmar
 Sri Lanka
 Thailand
 Tunisia
 United Kingdom
 Vietnam

Canada
 China (NGD & MSA)
 China (Hong Kong)
 China (Macau)
 East Asia Hydrographic Commission
 Indonesia
 India
 Japan
 Korea (Rep. of)
 Co-op of Straits of Malacca and Singapore
 Malaysia
 Singapore
 United States of America **

Brazil *
 Croatia
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