

ic-enc

International Centre for
Electronic Navigational Charts

NIOHC16

IC-ENC Update since NIOHC15

Kindly presented by
Thani AL MAHROUKI, ONHO

Agenda

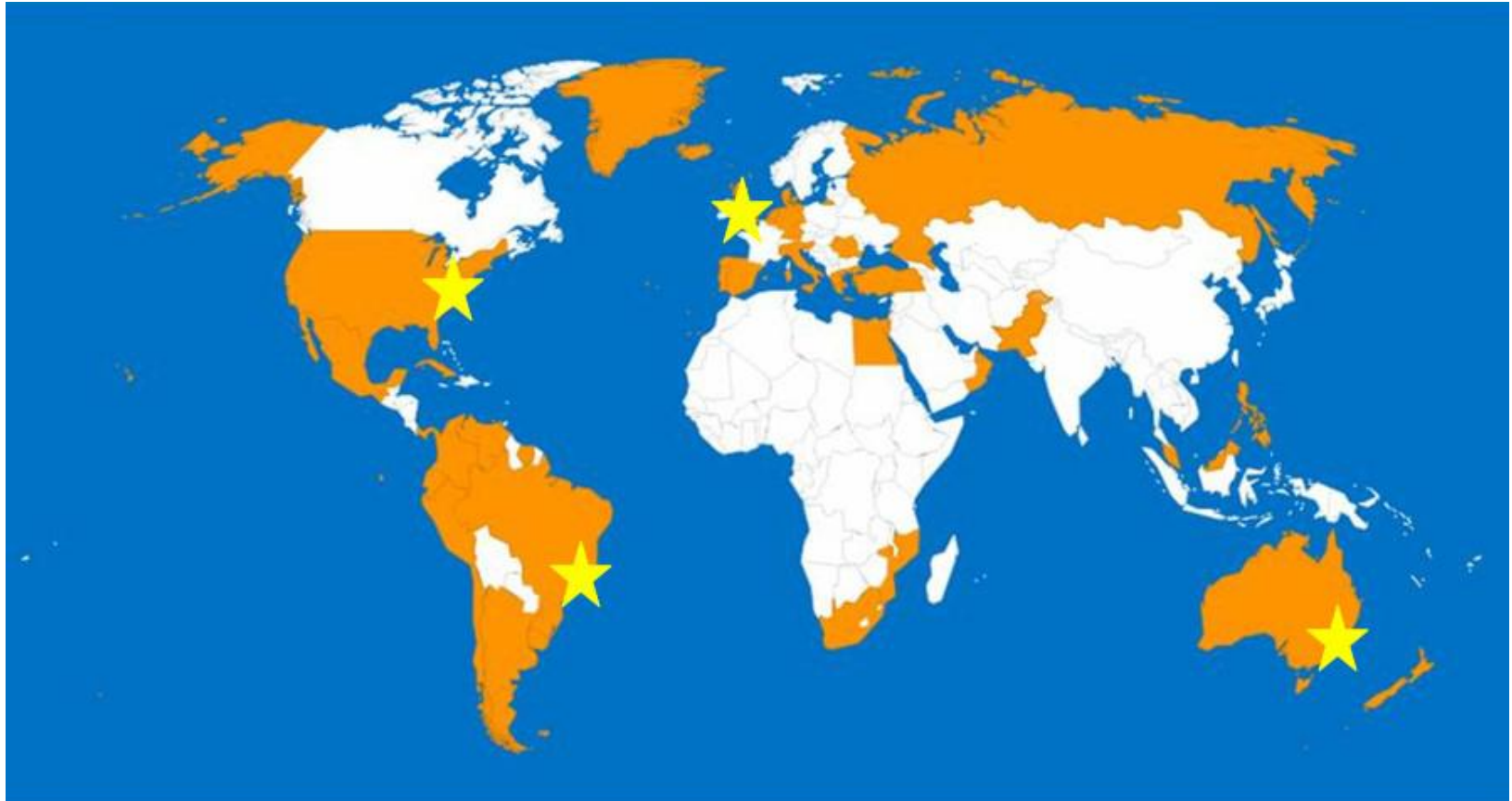
- ▶ IC-ENC Membership
- ▶ IC-ENC Folio
- ▶ IC-ENC Services
 - Production Support, Validation, Distribution, Revenue Management
- ▶ IC-ENC Governance and finances
- ▶ Further information (sources)

ONHO membership of IC-ENC

- ▶ Joined IC-ENC in September 2015, at the IC-ENC Steering Committee meeting



Members (39) and Offices (4) ic-enc

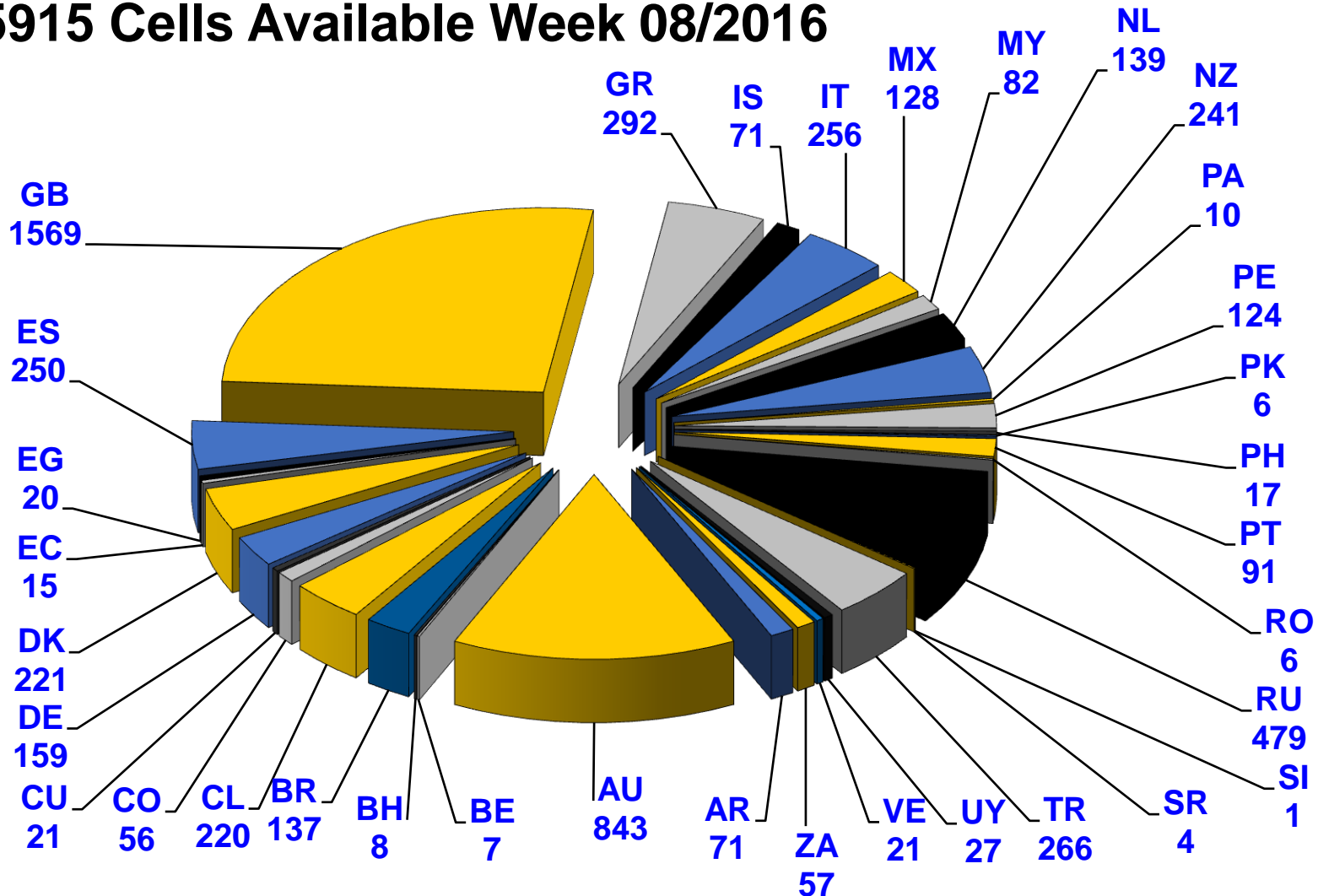


New members since NIOHC15: Israel, Malta, Oman, Panama, United States

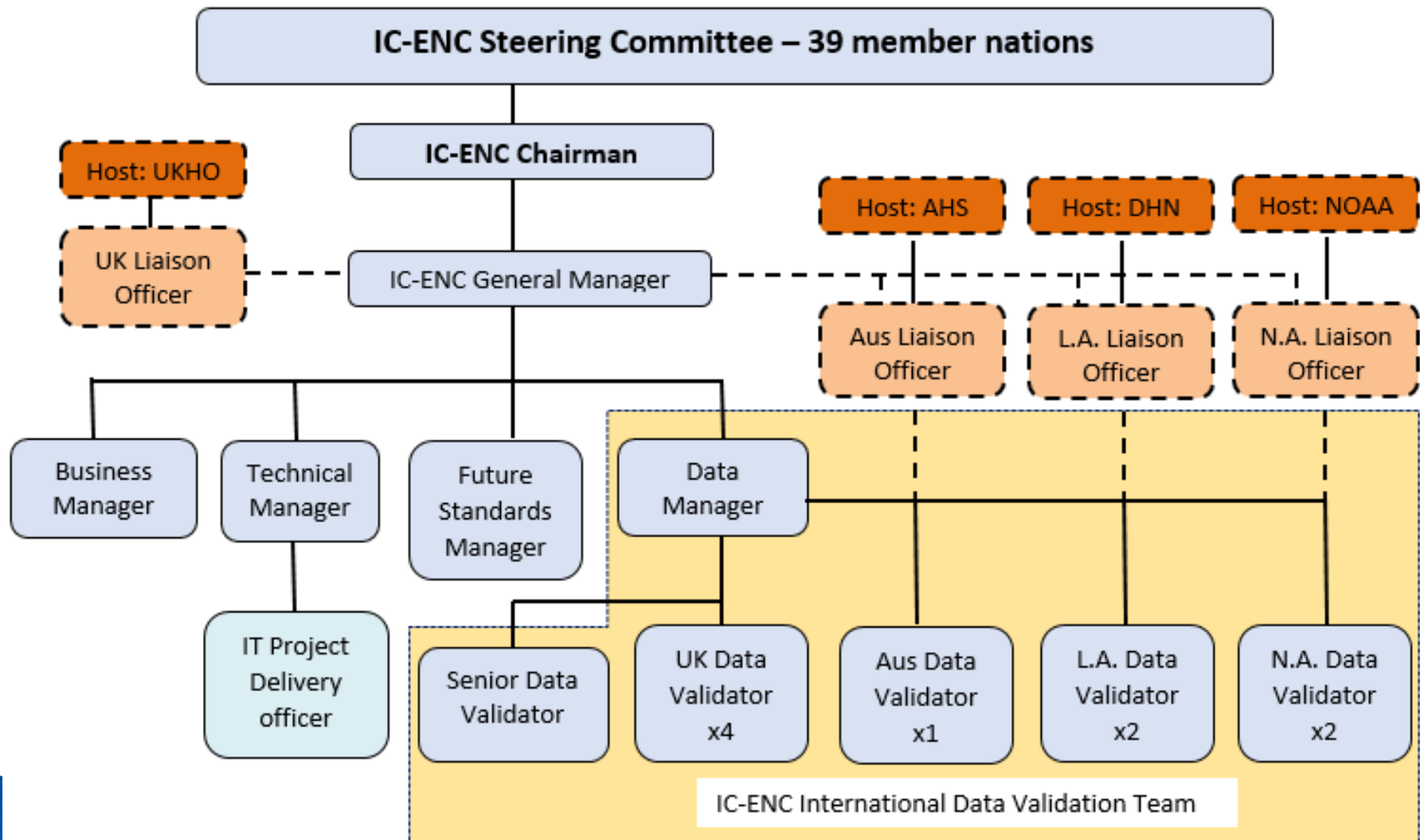
IC-ENC Members' ENC's

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5915 Cells Available Week 08/2016



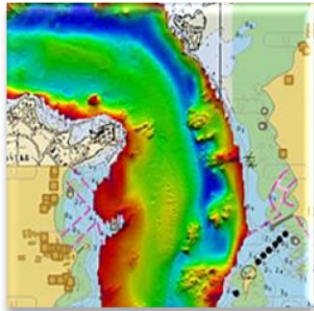
IC-ENC Organisational Structure



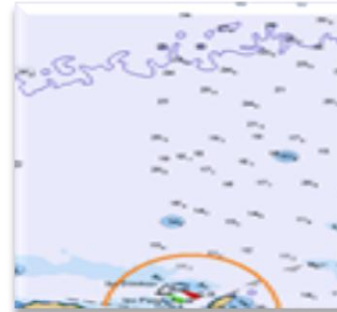
Latin & North Americas validation ic-enc teams – new regional offices



IC-ENC Core Services



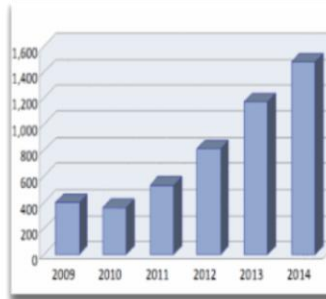
**ENC Production
Support**



**ENC
Validation**



**ENC
Distribution**



**Revenue
Management**

ENC Validation training

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Wollongong, Australia



Taunton, UK



Panama City, Panama

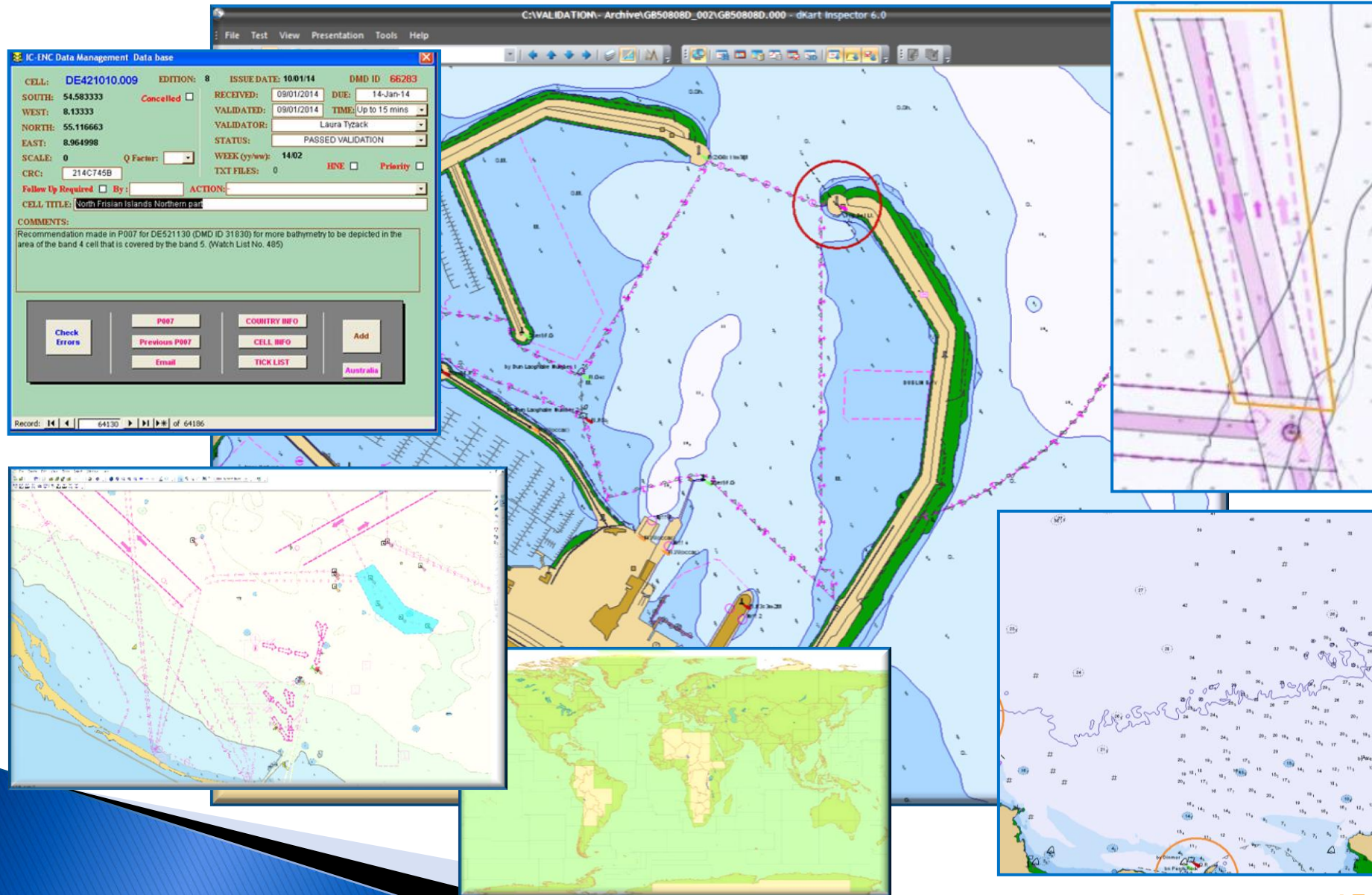
3 courses in
2015

Similar courses
to be conducted
in 2016

ONHO technical
officers to attend
course

IC-ENC Validation

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ONHO ENC Validation

- ▶ ONHO ENC Technical team working with IC-ENC validation team
- ▶ First ONHO feedback reports have been created, and are being acted upon

Distribution: Value Added Resellers



PRIMAR[®]

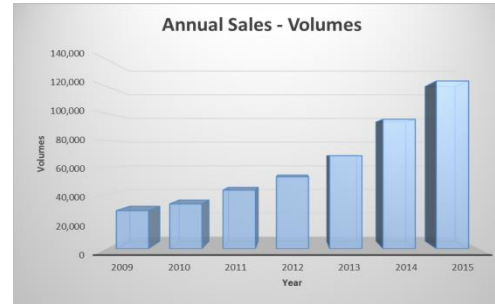


JEPPESSEN[®]
A BOEING COMPANY

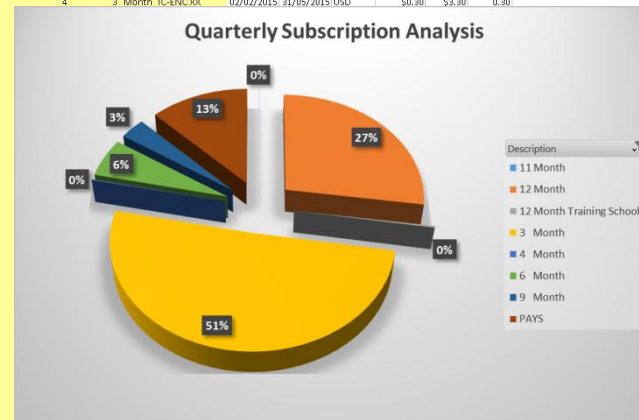


Revenue Management

- Detailed sales reports
- IC-ENC cost recovery fixed fee set to \$1.00



| Vessel Nm. | IMO Number | Cell Name | Cell Title | Subscr Typ | Dep. | Country | Cont.start | Cont.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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 18 DEMO6 | IMO1234571 | XX12345D | CELL NAME.....4 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 19 DEMO6 | IMO1234571 | XX12345E | CELL NAME.....5 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 20 DEMO7 | NONIMO | XX12345D | CELL NAME.....4 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 21 DEMO7 | NONIMO | XX12345E | CELL NAME.....5 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 22 DEMO7 | NONIMO | XX12345F | CELL NAME.....6 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 23 DEMO7 | NONIMO | XX12345G | CELL NAME.....7 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 24 DEMO7 | NONIMO | XX12345H | CELL NAME.....8 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 25 DEMO8 | IMO9999999 | XX12345A | CELL NAME.....1 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 26 DEMO8 | IMO9999999 | XX12345C | CELL NAME.....3 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 27 DEMO8 | NONIMO | XX12345A | CELL NAME.....1 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 28 DEMO9 | NONIMO | XX12345B | CELL NAME.....2 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 29 DEMO9 | NONIMO | XX12345C | CELL NAME.....3 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 30 DEMO9 | NONIMO | XX12345D | CELL NAME.....4 | 1 | 12 Month | IC-ENC-XX | 01/02/2015 | 29/02/2016 | USD | \$1.00 | \$11.00 | 1.00 |
| 31 DEMO9 | NONIMO | XX12345E | CELL NAME.....5 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 | 1 | 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 |

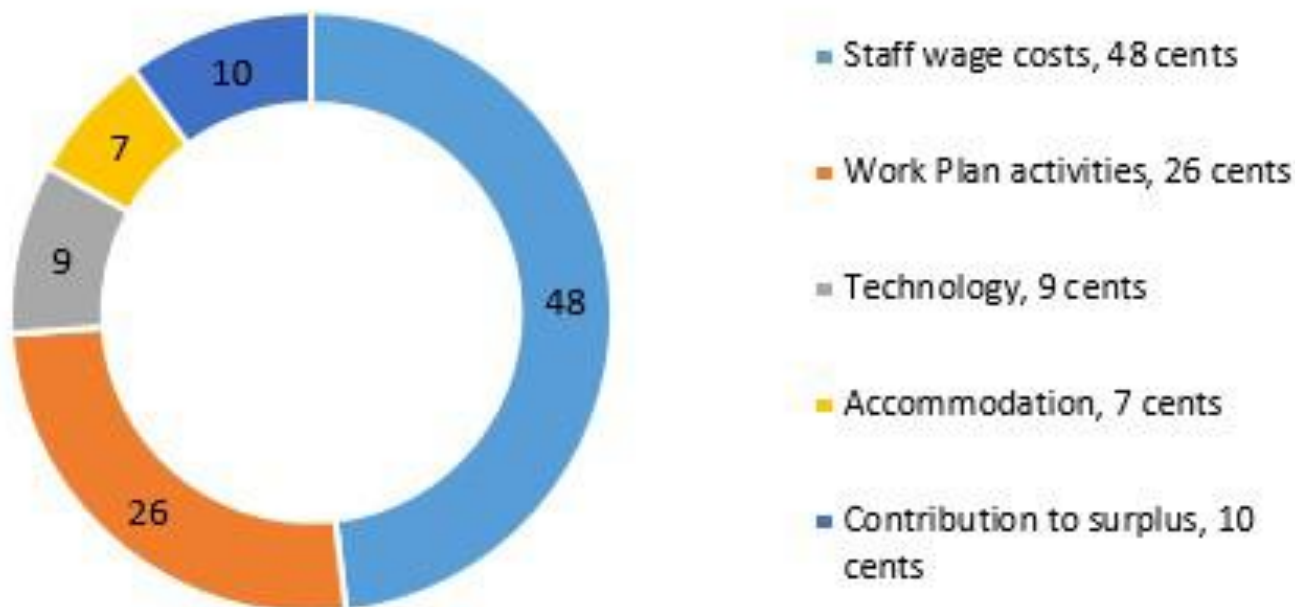


Finances – IC-ENC Budget

Not-for-profit organisation

Operating costs in region of \$1.5m

How has each \$1 been used?



Further information

- ▶ IC-ENC members at the NIOHC
 - Australia, Oman, Pakistan, United Kingdom
- ▶ IC-ENC Website
- ▶ IC-ENC Annual Report

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