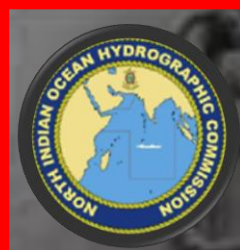




# INT CHART ISSUES AREA 'J'



# BANGLADESH



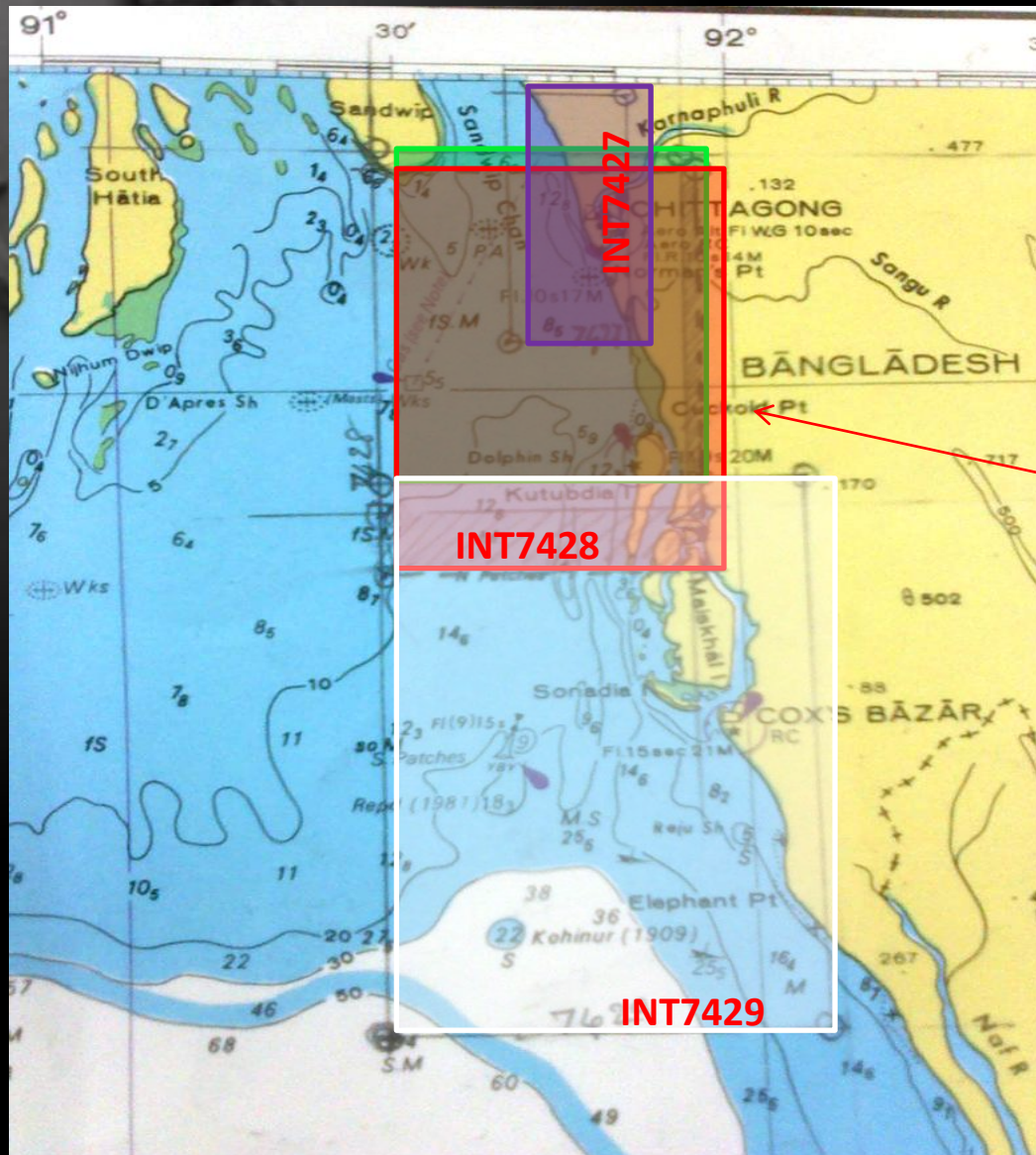
# INT CHART PROPOSAL BY BANGLADESH



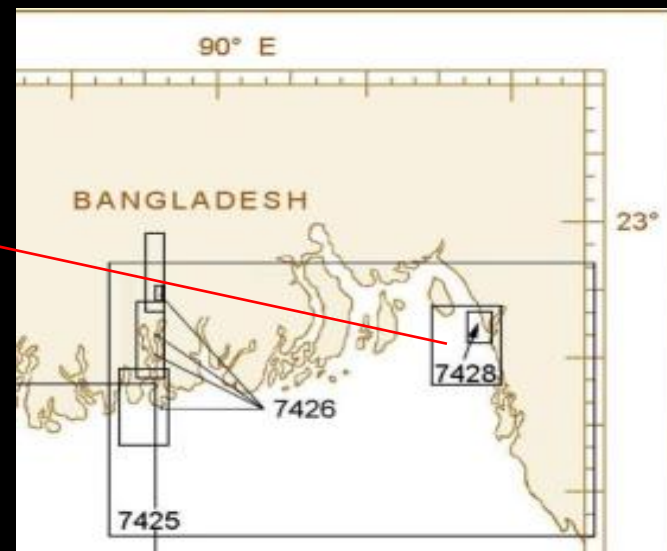
During the 14<sup>th</sup> NIOHC held in Bangkok, the following INT Charts with their respective limits have been agreed

| INT No. | Prod. | TITLE / TITRE              | CHART LIMITS / LIMITES DE LA CARTE |            |            |            | Scale  |
|---------|-------|----------------------------|------------------------------------|------------|------------|------------|--------|
| 7428    | BD    | Approaches to Chittagong   | 21°42.00'N                         | 22°21.65'N | 91°28.00'E | 91°56.25'E | 75000  |
| 7427    | BD    | Chittagong Harbour         | 22°05.00'N                         | 22°20.85'N | 91°40.00'E | 91°51.30E  | 30000  |
| 7429    | BD    | Elephant Point to Kutubdia | 20°58.00N                          | 21°51.00'N | 91°28.00'E | 92°05.60'E | 100000 |

# INT CHART PROPOSAL BY BANGLADESH

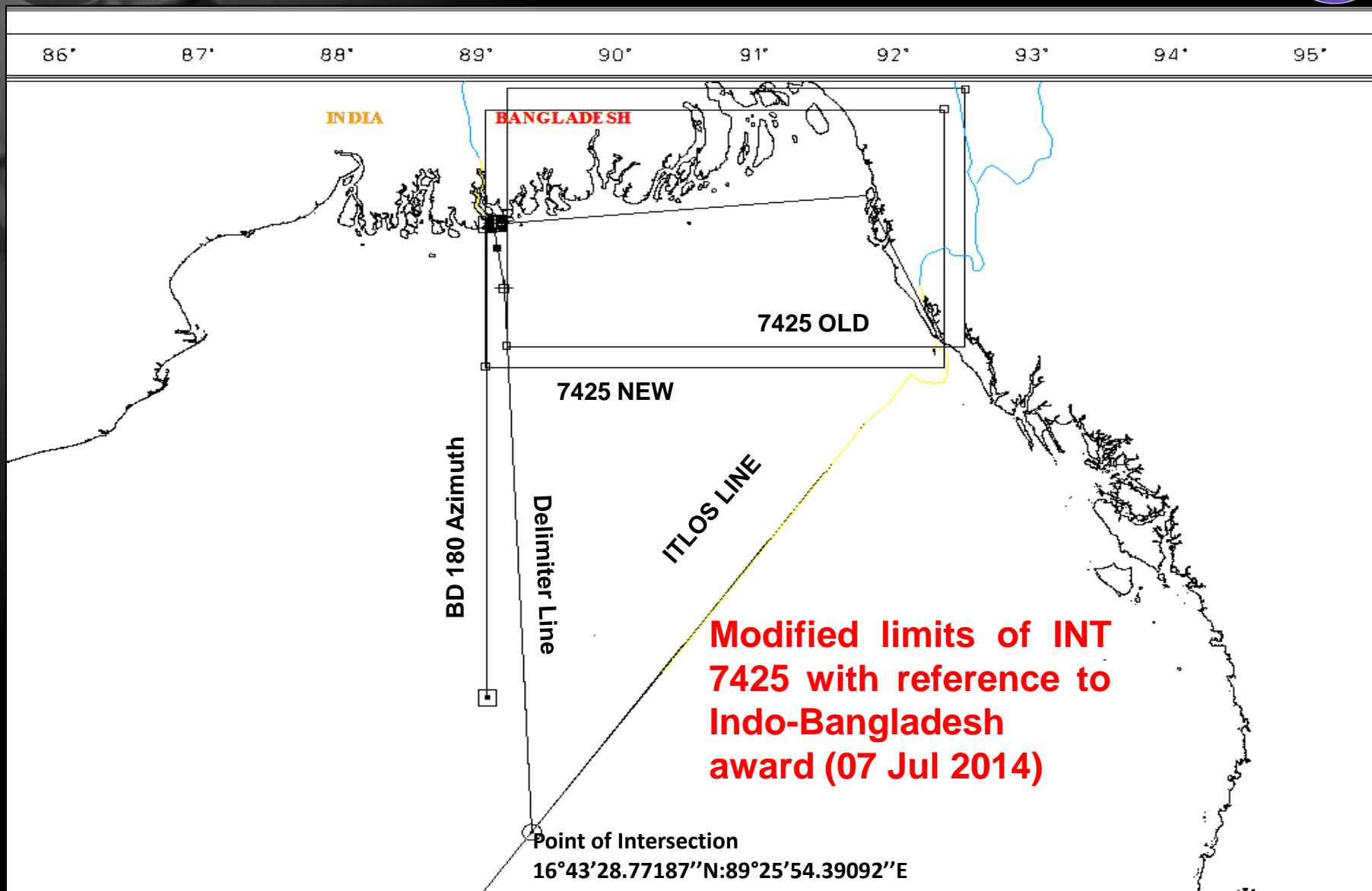


INT 7428 – Green is old limit  
Red is new limit



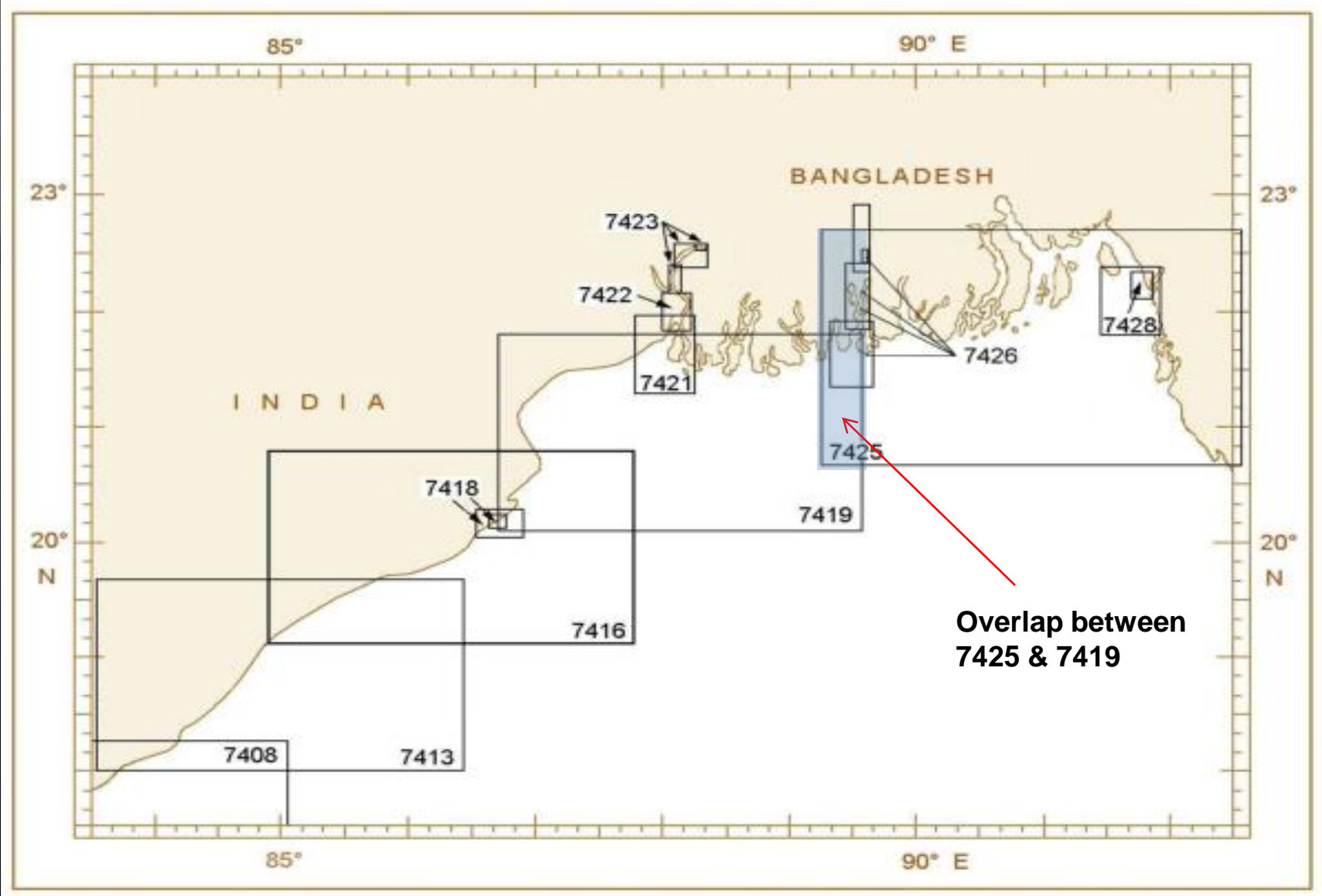


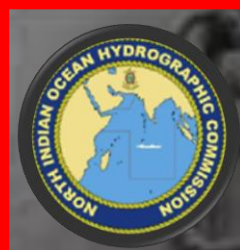
# INT CHART PROPOSAL BY BANGLADESH





# INT CHART PROPOSAL BY BANGLADESH



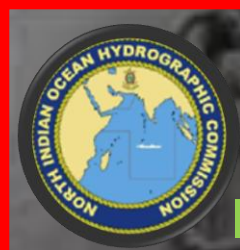


# INT CHART PROPOSAL BY BANGLADESH



## INT 7426 - Request received for new INT No allocation with the modified limits

|       |    |      |  |            |            |            |            |         |         |  |
|-------|----|------|--|------------|------------|------------|------------|---------|---------|--|
|       |    |      | Pussur River and approaches            |            |            |            |            |         |         | Published in S-11 (Edn.2.0.5) Feb 2014 |
| 7426  | BD |      | Plan A – Approaches to Hiran Point     | 21°20.00'N | 21°55.30'N | 89°19.50'E | 89°40.50'E | 100 000 | 22°00'N | GB (732-11)                            |
|       |    |      | Plan B – Pavanga Shoal to Jayman Reach | 21°50.00'N | 22°15.20'N | 89°27.00'E | 89°39.00'E | 100 000 | 22°00'N |  |
|       |    |      | Plan C – Tatral Point to Khulna        | 22°20.00'N | 22°55.00'N | 89°30.50'E | 89°39.00'E | 100 000 | 22°00'N |  |
|       |    |      | Plan D – Mongla Port                   | 22°25.00'N | 22°32.00'N | 89°34.00'E | 89°37.20'E | 25 000  | 22°00'N |  |
| 7426A | BD | 7513 | Approaches to Hiran Point              | 21°15.50'N | 21°55.30'N | 89°16.00'E | 89°44.25'E | 75 000  |         | Modified limits                        |
| 7426B | BD | 7514 | Part A- Pavanga Shoal to Monkey Point  | 21°50.00'N | 22°16.40'N | 89°27.00'E | 89°39.00'E | 75 000  |         |  |
|       |    |      | Part B- Mazhar Point to Chalna         | 22°12.00'N | 22°38.35'N | 89°27.00'E | 89°39.00'E | 75 000  |         |  |
|       |    |      | Plan B- Mongla Port                    | 22°24.25'N | 22°33.08'N | 89°32.75'E | 89°38.50'E | 25 000  |         |  |



# INT CHART PROPOSAL BY BANGLADESH



**INT 7427 & INT 7428 – Request received for new INT No. allocation with the modified limits**

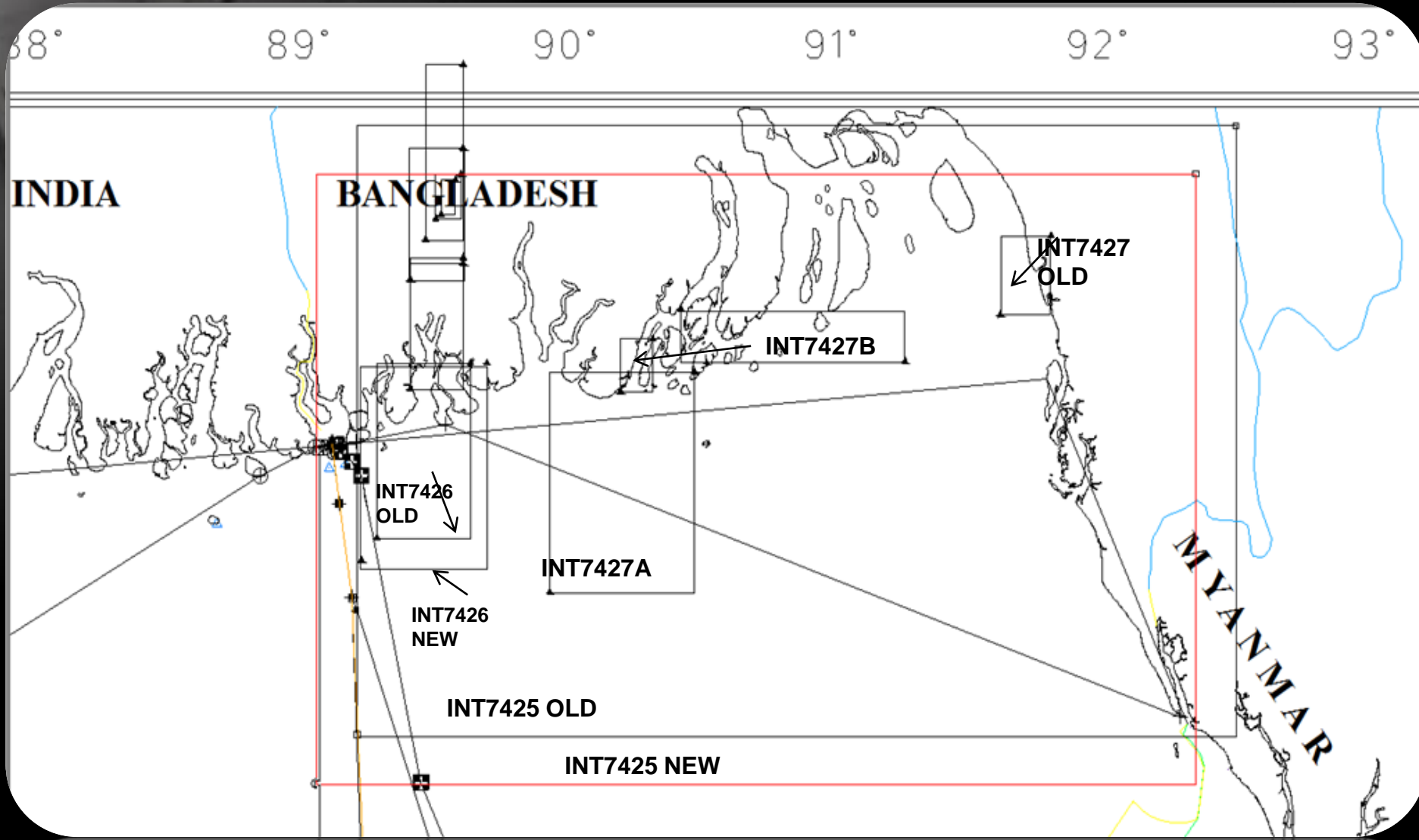
|       |    |      |                                 |            |            |            |            |         |   |
|-------|----|------|---------------------------------|------------|------------|------------|------------|---------|---|
| 7427A | BD | 7504 | App. To Payra Hr.               | 21°09.00'N | 21°53.50'N | 89°58.50'E | 90°31.00'E | 75 000  | New Chart   |
| 7427B | BD | 3002 | Plan A- Payra Hr.               | 21°49.50'N | 22°00.05'N | 90°14.40'E | 90°21.70'E | 30 000  |   |
|       |    |      | Plan B-Payra Hr. To Kajal River | 21°55.60'N | 22°06.15'N | 91°18.45'E | 90°27.95'E | 30 000  |   |
| 7428  | BD |      | Plan A – App. To Chittagong     | 21°48.00'N | 22°23.20'N | 91°28.00'E | 91°56.10'E | Various | Publish ed in S-11 (Edn.2.0 .5) Feb 2014 GB (84-12) |
|       |    |      | Plan B – Chittagong Harbour     | 22°07.60'N | 22°20.10'N | 91°41.50'E | 91°51.30'E |         |   |
| 7428B | BD | 7510 | App. To Chittagong              | 21°42.00'N | 22°21.65'N | 91°28.00'E | 91°56.25'E | 75 000  | Modifie d limits                                    |





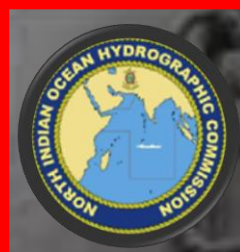
# INT CHART PROPOSAL BY BANGLADESH

**Modified limits of INT 7426 & 7427 with reference to Indo-Bangladesh award (07 Jul 2014)**





# PAKISTAN



# INT CHART BY PAKISTAN



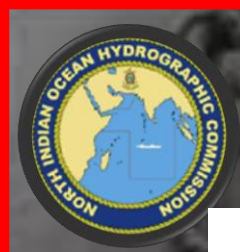
**Proposed Way Ahead:** Both the HOs could clip their cells at the boundaries of Area 'J' in the common waters till the maritime boundary issues get resolved. The limits of Area 'J' bounded by the following coordinates may be used for cartographic boundaries for production of ENC's in the common waters:

Yemen and Oman boundary (BA3784):  $16^{\circ}39'N:53^{\circ}6.5'E$

Turing point as per S-11(Part'B) Area 'J':  $16^{\circ}39'N:62^{\circ}40'E$

Sir Mouth as per Indo-Pak joint survey (2007):  $23^{\circ}42.5'N:68^{\circ}10.5'E$

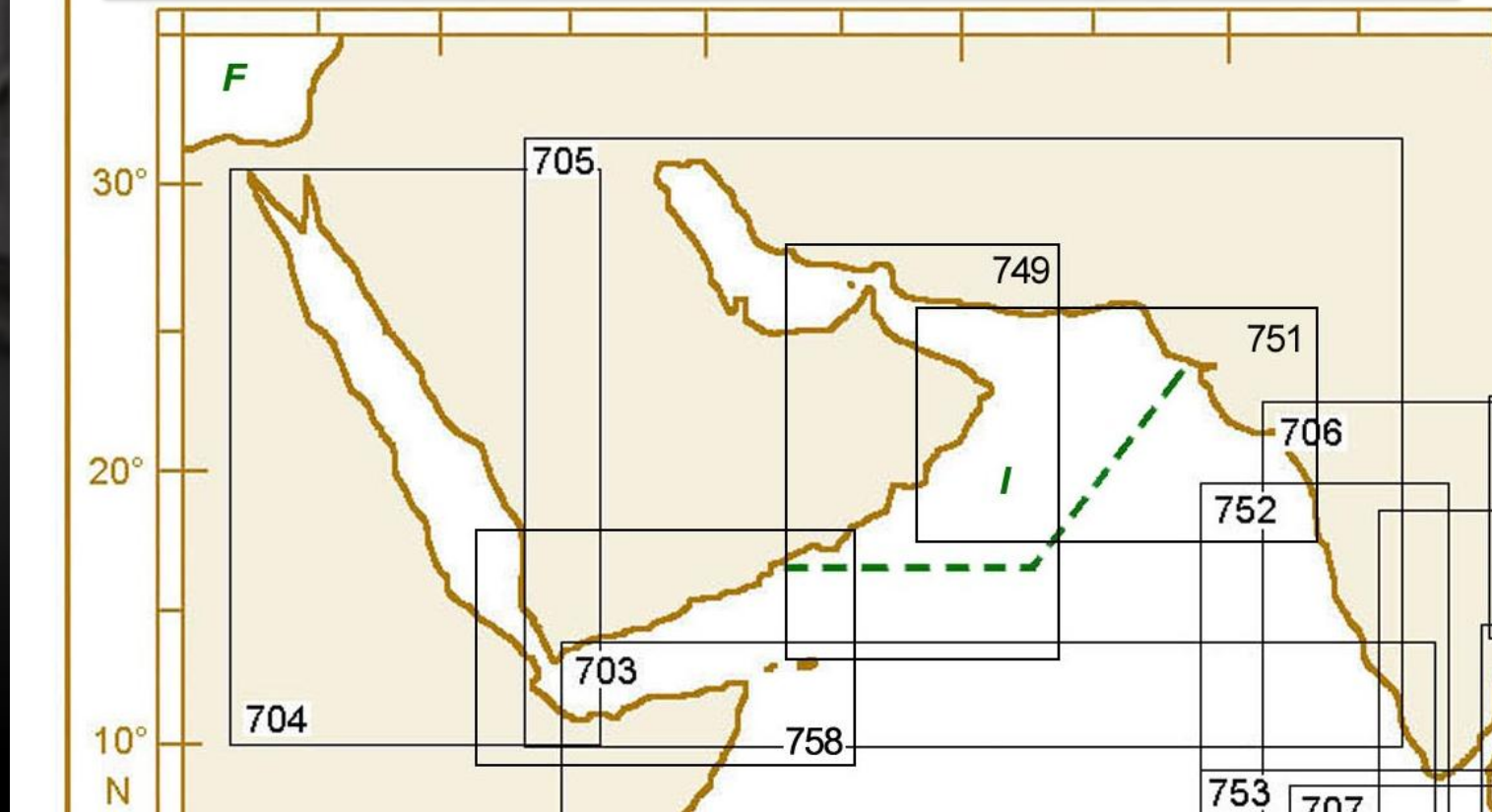
**Reply awaited from Pakistan**



# INT CHART BY PAKISTAN



**In Case of ENC production – Overlap issues in UB1**



**Proposal:** For the time being, both countries may clip their respective cells in the **UB1** at the regional boundaries (as cartographic boundaries exclusively for ENC production) viz., Area 'I' & Area 'J' till the IMBL between two states get resolved.



# INDIA & PAKISTAN – UB 2

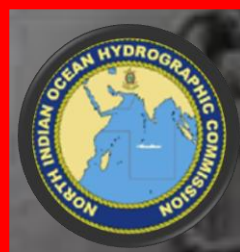


INT 7019 PAK 58

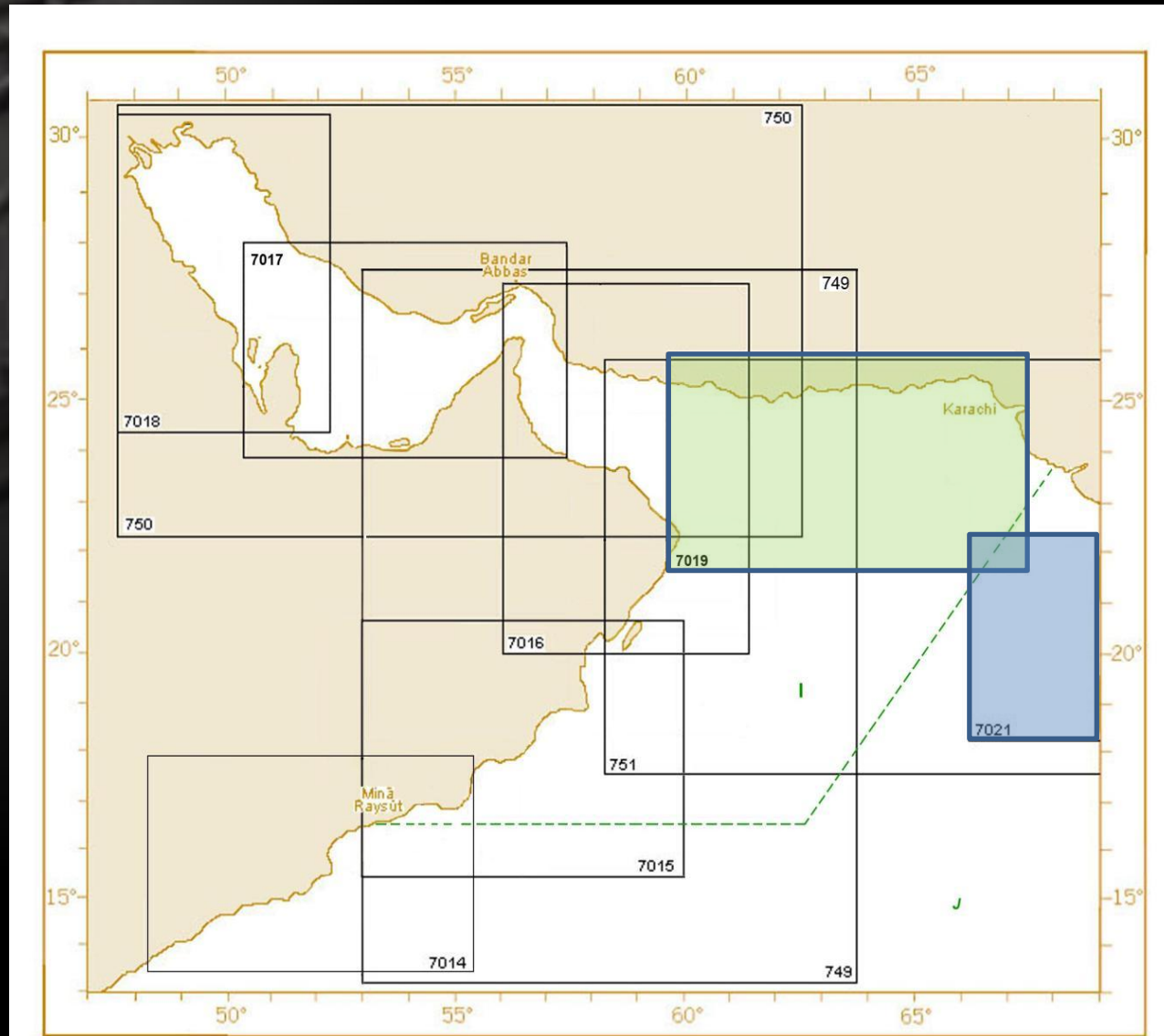
OVERLAP AREA

IN 291  
(Non INT)

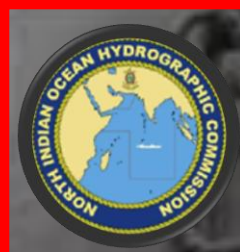




# INDIA & PAKISTAN – UB 2



**ENC Overlap between PAK –INT 7019 and IND – INT 7021**



# INDIA & PAKISTAN – UB 2



PAK 50 INT 7312

Overlap area

**Area 'J' Boundary**

IN 251 INT 7318



| INT No. | Prod.         | National No. | TITLE / TITRE           | CHART LIMITS / LIMITES DE LA CARTE |                |            |            | Date      | Scale / Echelle |         | Format  | Printer (Nat. No. – Date NE) |
|---------|---------------|--------------|-------------------------|------------------------------------|----------------|------------|------------|-----------|-----------------|---------|---------|------------------------------|
|         |               |              |                         | South/Sud                          | North/Nor<br>d | West/Ouest | East/Est   | 1st Ed/NE | 1 :             | Lat     |         |                              |
|         |               |              |                         |                                    |                |            |            |           |                 |         |         |                              |
| 7019    | See/Voir I.5  |              |                         |                                    |                |            |            |           |                 |         |         |                              |
| 7021    | IN            | 292          | Dwārka to Mumbai        | 18°10.00'N                         | 22°20.00'N     | 66°10.00'E | 73°05.00'E | 03/       | 750 000         | 17°00'N | 98 x 63 |                              |
| 7022    | IN            | 293          | Bombay to New Mangalore | 12°44.00'N                         | 19°30.00'N     | 70°20.00'E | 75°00.00'E | 04/       | 750 000         |         | 99 x 66 |                              |
| 7312    | See/Voir I.22 |              |                         |                                    |                |            |            |           |                 |         |         |                              |
| 7318    | IN            | 251          | Sir Creek to Dwarka     | 22°13.00'N                         | 23°54.50'N     | 66°21.00'E | 69°06.50'E | 96/12     | 300 000         | 17°00'N | 98 x 65 |                              |
| 7312    | PK            | PAK-50       | Karachi to Sir Creek    | 23°25.00N                          | 25°05.00N      | 65°44.50E  | 68°30.00E  |           | 300 000         |         |         |                              |



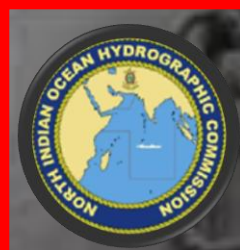
## MEDIUM SCALE INT CHARTS

| INT No. | Prod.         | National No. | TITLE / TITRE                  | CHART LIMITS / LIMITES DE LA CARTE |            |            |            | Date  | Scale / Echelle |
|---------|---------------|--------------|--------------------------------|------------------------------------|------------|------------|------------|-------|-----------------|
|         |               |              |                                | South/Sud                          | North/Nord | West/Ouest | East/Est   |       |                 |
| 705     | See/Voir J.5  |              |                                |                                    |            |            |            |       |                 |
| 749     | OM            | 1            | The Sultanate of Oman          | 13°15.00'N                         | 27°30.00'N | 53°00.00'E | 63°45.00'E |       | 1 500 000       |
| 750     | GB            | 2858         | Gulf of Oman to Shatt Al 'Arab | 22°15.00'N                         | 30°53.00'N | 47°41.00'E | 62°25.70'E | 09/   | 1 500 000       |
| 751     | PK            | PAK-57       | Bombay to Masqat               | 17°30.00'N                         | 25°47.30'N | 58°15.00'E | 73°29.1'E  | 03/   | 1 500 000       |
| 7014    | See/Voir J.14 |              |                                |                                    |            |            |            |       |                 |
| 7015    | OM            | 7500         | Ras Fartak to Masirah          | 15°29.00'N                         | 20°38.00'N | 53°00.00'E | 60°00.00'E |       | 750 000         |
| 7016    | OM            | 7501         | Masirah to Strait of Hormuz    | 20°00.00'N                         | 27°15.00'N | 56°00.00'E | 61°22.00'E |       | 750 000         |
| 7017    | GB            | 2837         | Strait of Hormuz to Qatar      | 23°51.20'N                         | 28°00.00'N | 50°25.00'E | 57°26.40'E | 06/10 | 750 000         |
| 7018    | GB            | 2847         | Qatar to Shatt Al 'Arab        | 24°19.30'N                         | 30°34.90'N | 47°41.00'E | 52°16.10'E | 06/   | 750 000         |
| 7019    | PK            | PAK-58       | Ras Al Hadd to Karachi         | 21°42.00'N                         | 25°50.00'N | 59°46.10'E | 67°05.00'E | 01/   | 750 000         |
|         |               |              | Plan A – Gwadar                |                                    |            |            |            |       | 125 000         |
|         |               |              | Plan B – Pasni                 |                                    |            |            |            |       | 200 000         |
|         |               |              | Plan C – Ormara                |                                    |            |            |            |       | 125 000         |
| 7021    | See/Voir J.17 |              |                                |                                    |            |            |            |       |                 |



# THAILAND



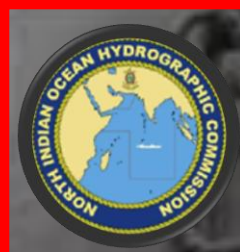


# INT CHART PROPOSAL BY THAILAND



**INT chart status forwarded by Thailand in Area 'J' as below  
(E-mail dated 31 Oct 14)**

| INT Chart No. | National No. | Title                 | Lat.       | Lat.       | Long.      | Long.       | Pub. Date N.Edn. | Scale 1: | Datum |
|---------------|--------------|-----------------------|------------|------------|------------|-------------|------------------|----------|-------|
| 7033          | 362          | Satun to Ranong       | 05°30.00'N | 10°00.00'N | 94°00.00'E | 100°10.00'E | 2008             | 700000   | IND75 |
| 7448          | 308          | Phuket to Kantang     | 07°09.00'N | 08°25.00'N | 98°00.00'E | 99°35.00'E  | 2009             | 200000   | IND75 |
| 7449          | 335          | Puket Harbour         | 07°45.00'N | 07°55.00'N | 98°20.17'E | 98°28.00'E  | 2008             | 20000    | WGS   |
| 7450          | 335A         | Ao Man and Approaches | 07°47.33'N | 07°50.67'N | 98°23.68'E | 98°26.33'E  | 2006             | 8000     | WGS   |



# INT CHART PROPOSAL BY THAILAND



With reference to Thai E-mail dated 31 Oct 2014, the new edition charts of TH362, 308, 335 and 335A have been published in 2008, 2009, 2008 and 2006 respectively. The status was neither informed to Area 'J' coordinator nor discussed in the previous NIOHCs.

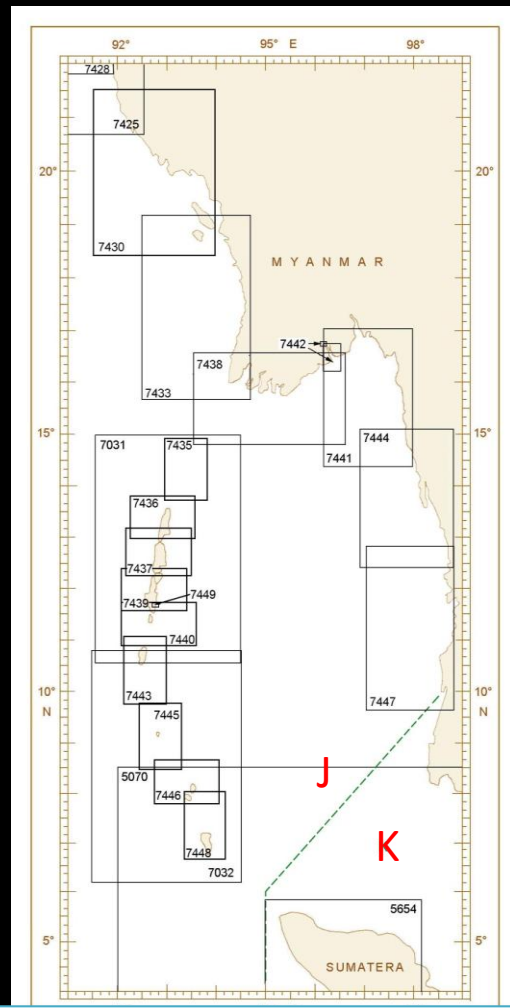
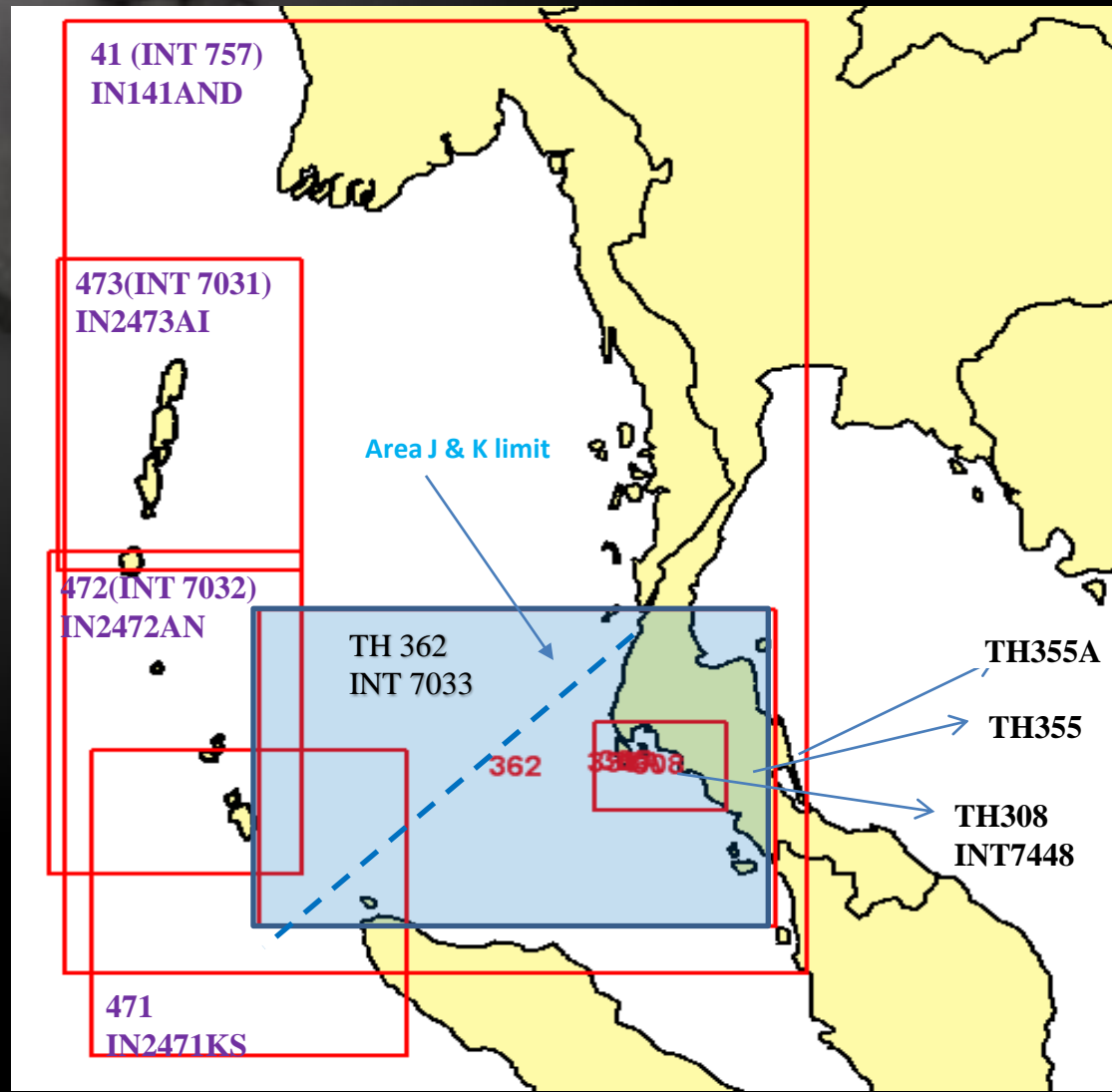
Further it is understood from the S11 area 'K' Part 'B' (Edn.2.0.7, Oct 2013) that TH335A (Ao Man and Approaches on scale 1:8000) chart has been published (in 2006) as INT 5792 for which Area 'J' coordinator has allocated INT number as 7450.

In view of above, INHO has proposed to Thailand vide E-mails dated 05<sup>th</sup> Feb 2014 and 04<sup>th</sup> Dec 2014 for reorientation of TH362 so that all the above charts will fall in Area 'K', thus allocation of INT numbers accordingly. A reminder has been sent on the subject to Thailand on 16 Jan 2015.

**Reply awaited from Thailand**



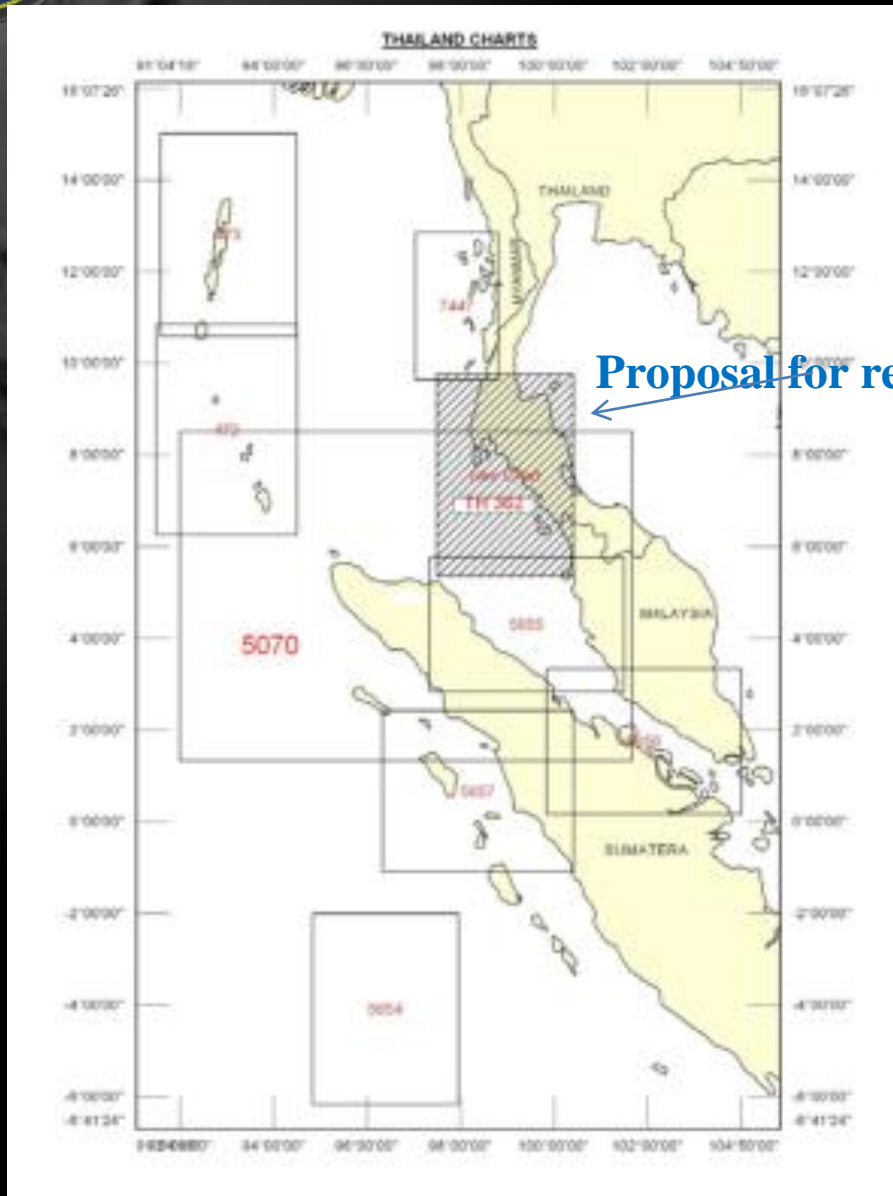
# INT CHART PROPOSAL BY THAILAND



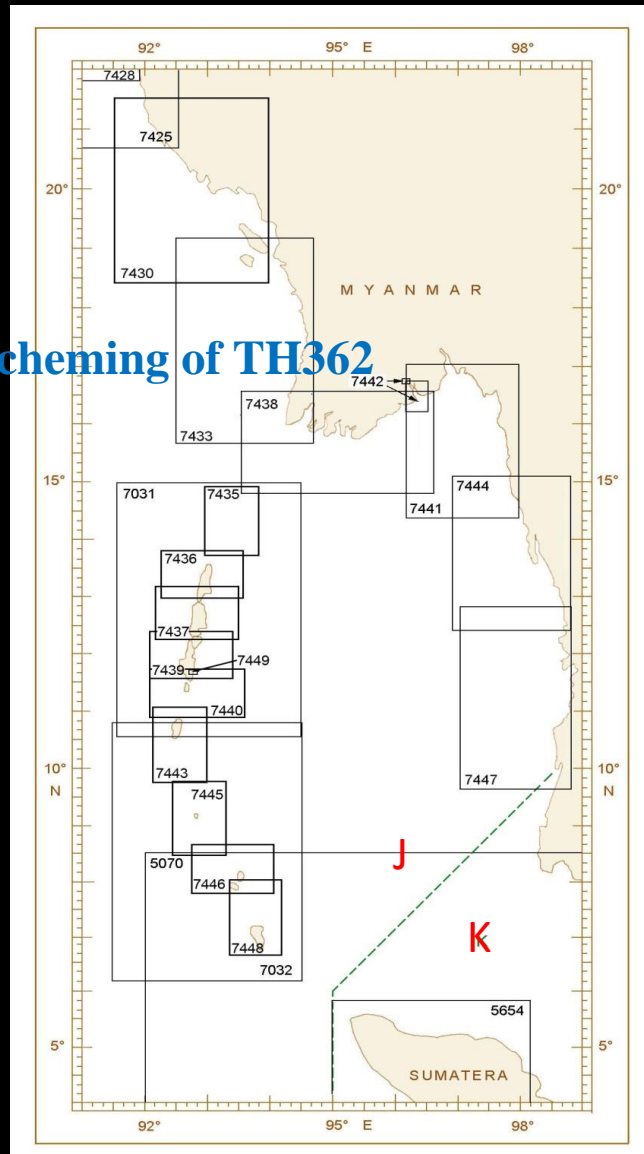
**TH 362 falling in common waters of Area J & K**



# INT CHART PROPOSAL BY THAILAND



Proposal for re-scheming of TH362





# SRILANKA





**PROPOSAL FOR RENUMBERING WAS  
HANDED OVER DURING NIOHC-14  
CLARIFICATION SENT ON 19 MAR 14  
AND 21 SEP 14 ARE AWAITED.**



# UNITED KINGDOM



# INT CHART – UNITED KINGDOM

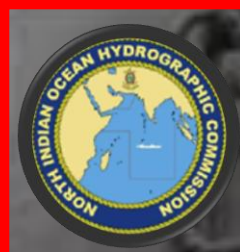


**NO ISSUES, LATEST UPDATE ON INT CHART PUBLICATION REQUIRED**

| INT Chart No | Originally Allotted | Present Status | Balance | Total Charts | Remarks  |
|--------------|---------------------|----------------|---------|--------------|--|
| 73 (numbers) | 68                  | 73             | 00      | 68 + 5       | Produced addIn 703 (Sep'11)<br>704 (Feb'12)<br>707(2011),<br>758(2012) & 7112(?) |



# SAUDI ARABIA



# INT CHART – SAUDI ARABIA

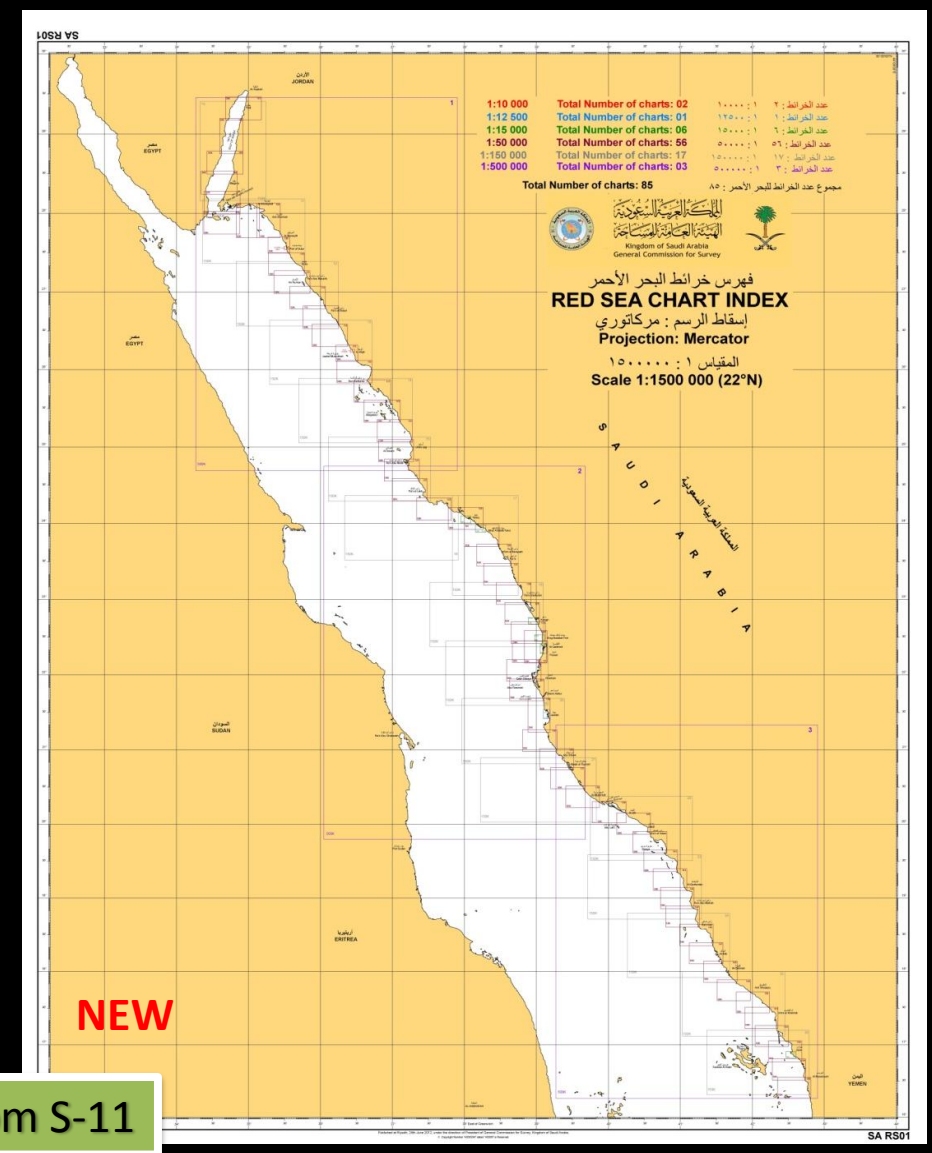
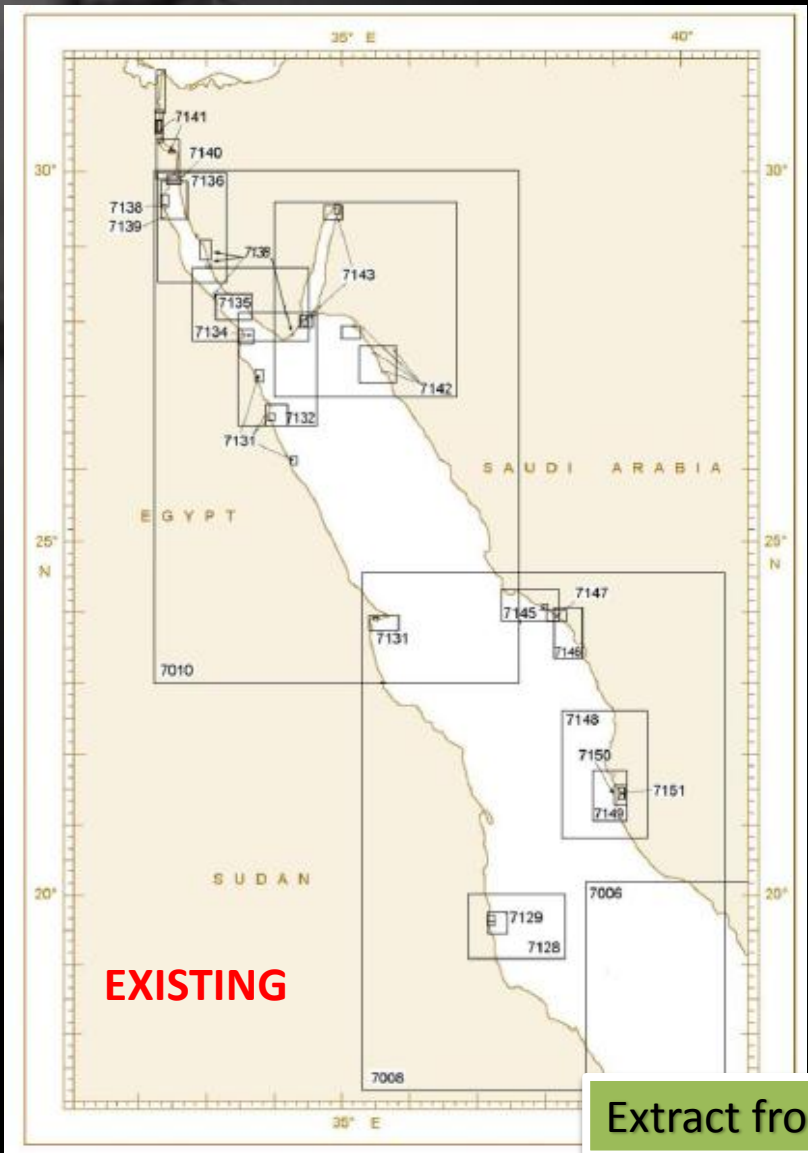


**NO ISSUES, LATEST UPDATE ON INT CHART PUBLICATION REQUIRED**





# INT CHART – SAUDI ARABIA

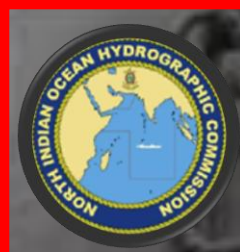


Extract from S-11





# FRANCE



# INT CHART – FRANCE

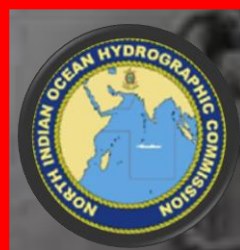


**NO ISSUES, LATEST UPDATE ON INT CHART PUBLICATION REQUIRED**

| INT No. | Prod. | National No. | TITLE / TITRE   | CHART LIMITS / LIMITES DE LA CARTE |            |            |            | Date  | Scale   |
|---------|-------|--------------|---|------------------------------------|------------|------------|------------|-------|---------|
| 7004    | FR    | 6987         | Partie Ouest du Golfe d'Aden – Bal el Mandeb                  | 10°20.00'N                         | 15°14.00'N | 41°48.00'E | 49°08.00'E | 88/10 | 700 000 |
| 7114    | FR    | 7519         | Bab El Mandeb et Golfe de Tadjoura                            | 11°23.00'N                         | 13°23.00'N | 42°30.00'E | 43°53.00'E | 00/12 | 200 000 |
|         |       |              | Plan A – Mouillage de Tadjoura                                | 11°46.66'N                         | 11°47.26'N | 42°52.18'E | 42°53.28'E |       | 10 000  |
|         |       |              | Plan B – Entree du Ghoubbet el Kharab - Mouillage des Boutres | 11°32.44'N                         | 11°33.64'N | 42°40.45'E | 42°42.45'E |       | 15 000  |
|         |       |              | Plan C - Port d'Obock   | 11°57.26'N                         | 11°59.20'N | 43°17.09'E | 43°20.00'E |       | 15 000  |
| 7115    | FR    | 7547         | Abords de Djibouti  | 11°30.20'N                         | 12°00.00'N | 43°02.00'E | 43°22.60'E | /12   | 50 000  |
| 7118    | FR    | 7518         | De Al Hudaydab a Al Mukha                                     | 13°12.20'N                         | 15°13.20'N | 41°57.20'E | 43°20.00'E | 00/12 | 200 000 |
| 7120    | FR    | 7546         | Port de Djibouti  | 11°35.15'N                         | 11°39.21'N | 43°03.49'E | 43°09.54'E | 10/12 | 10 000  |



# INDIA

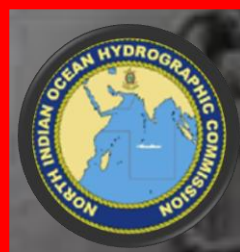


# INT CHART – INDIA



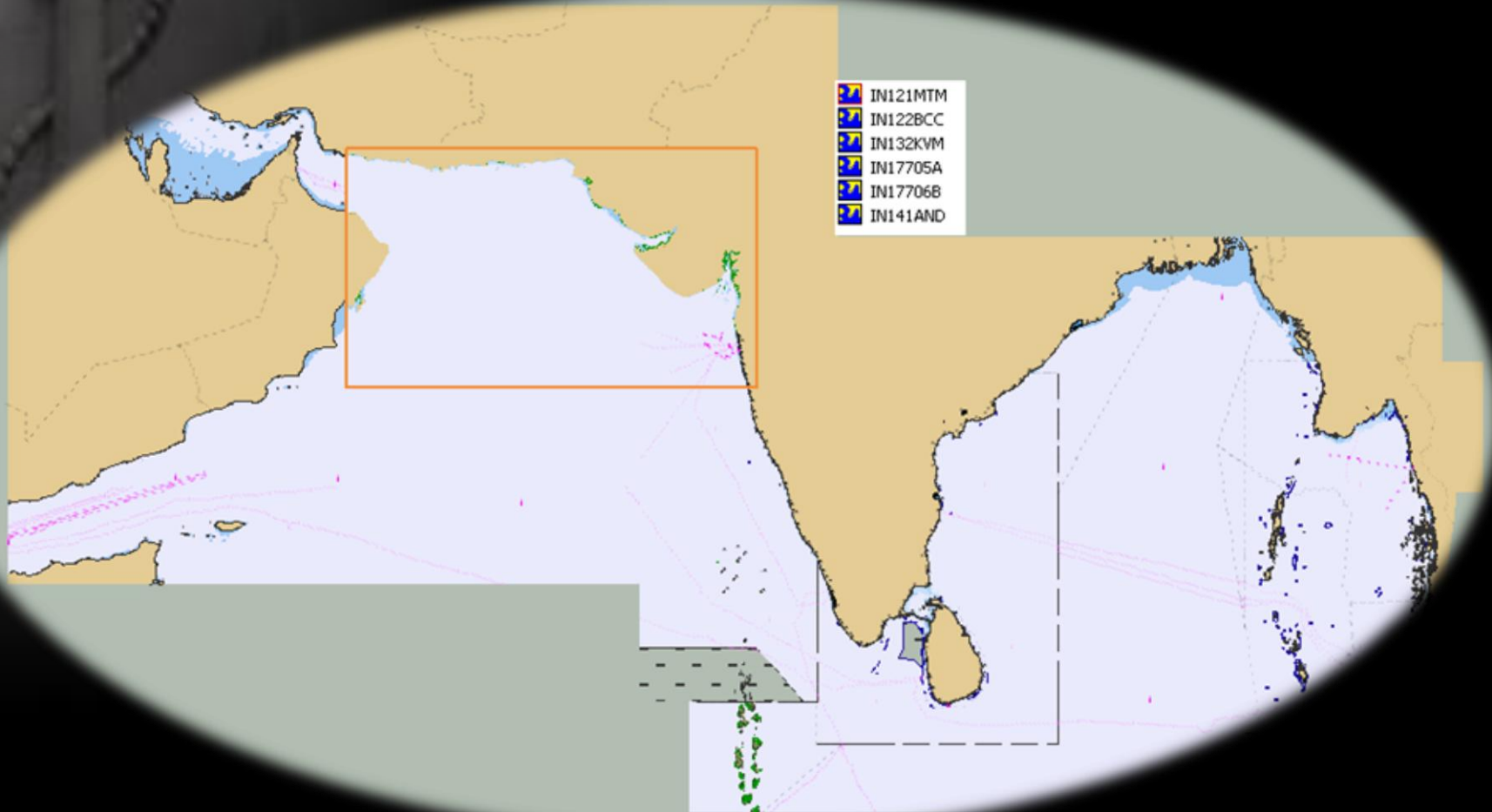
| INT<br>Charts<br>Originally<br>Allotted<br>(i) | Proposed<br>In<br>2011<br>And<br>Included<br>in S11<br>(ii) | Total<br>(i)+(ii) | Charts<br>Published | Balance                  | Remarks  |
|--|---|-------------------|---------------------|--------------------------|--|
| 54   | 26  | 80                | 63                  | 17<br>[02(i)+<br>15(ii)] | INT 7404, 7407, 7437, 7324, 7326, 7329, 7339, 7341, 7344, 7349, 7352 published from the list of 26 INT Charts. |





# INDIA

## ENC COVERAGE – UB 1



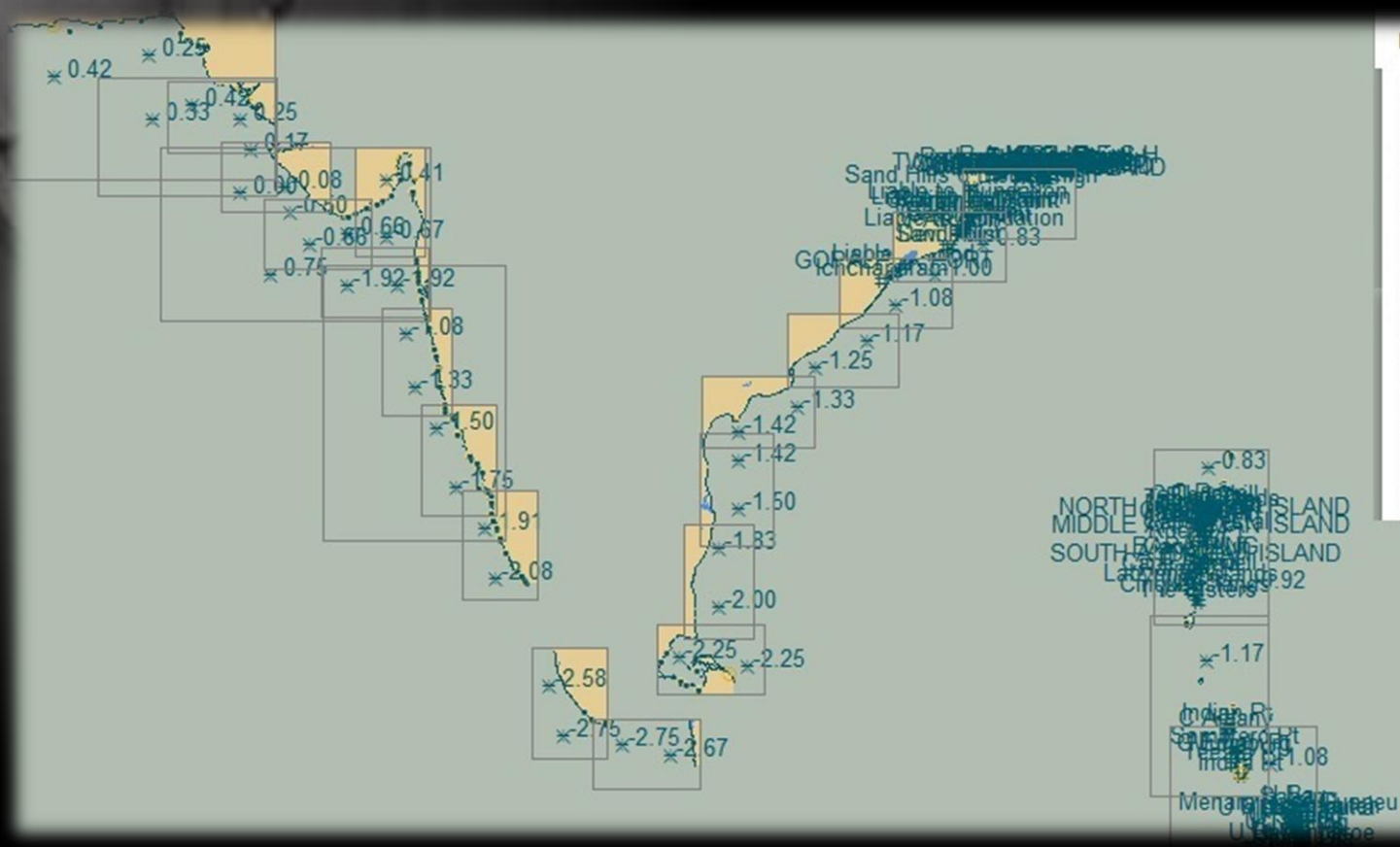
100% coverage in UB1

06 Cells – Overlap issues resolved



# INDIA

## ENC COVERAGE – UB 2



### ENC CELL

|              |              |
|--------------|--------------|
| IN2251SD.000 | IN2351PA.000 |
| IN2252OV.000 | IN2352GP.000 |
| IN2253VP.000 | IN2353KG.000 |
| IN2254GK.000 | IN2354SK.000 |
| IN2255AM.000 | IN2355RS.000 |
| IN2256MM.000 | IN2356CR.000 |
| IN2257MC.000 | IN3357CM.000 |
| IN2258KB.000 | IN3358PB.000 |
| IN2260KC.000 | IN2471KS.000 |
| IN2263CC.000 | IN2472AN.000 |
| IN2271AG.000 | IN2473AT.000 |
| IN2291GD.000 |              |
| IN2292DM.000 |              |
| IN2293MN.000 |              |

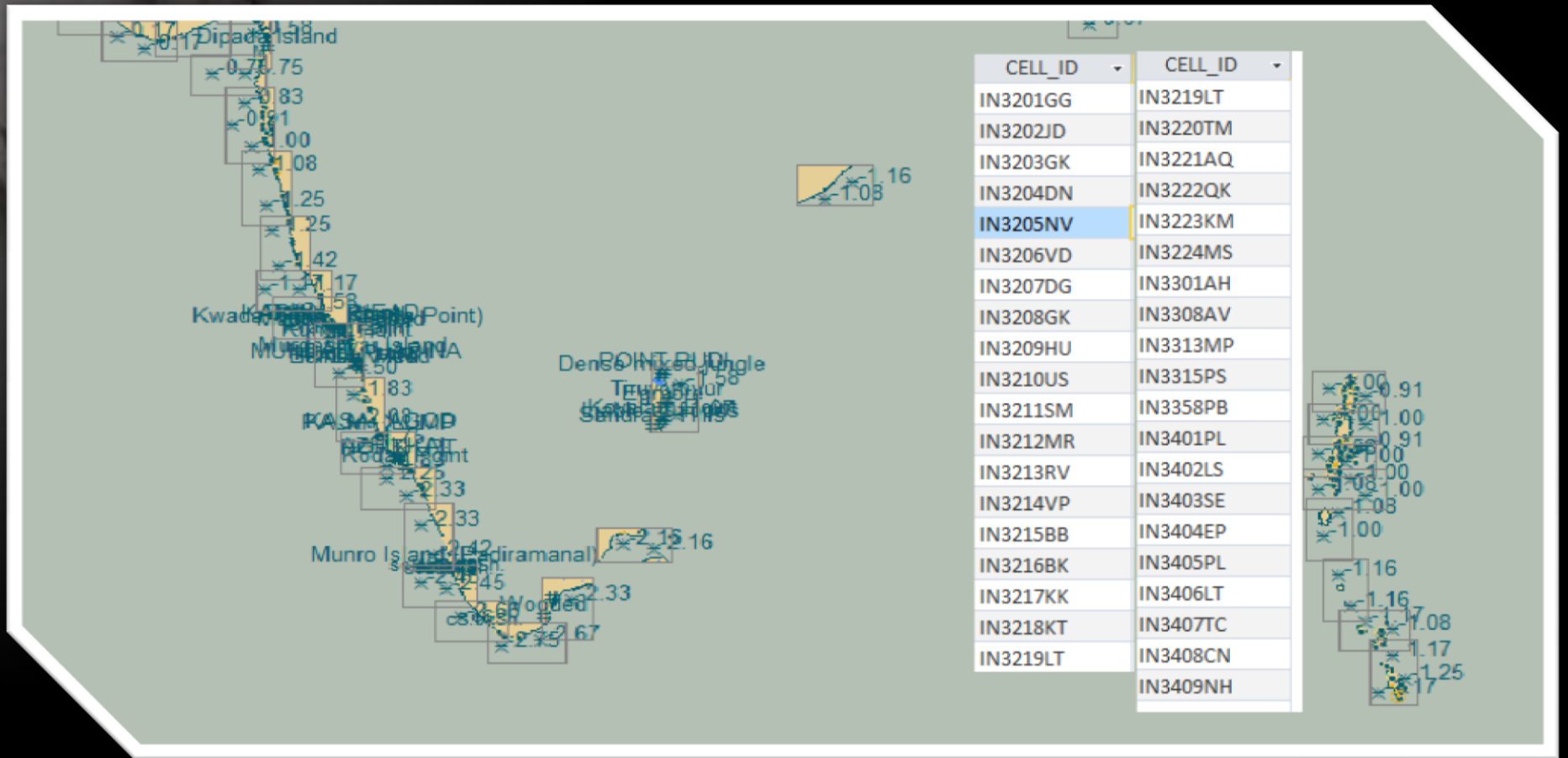
More than 95% coverage in UB2

24 Cells



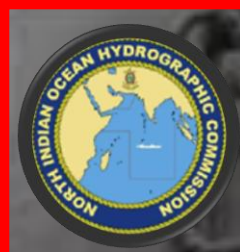
# INDIA

## ENC COVERAGE – UB 3



More than 80% coverage in UB3

39 Cells



# INDIA



## ENC OVERLAP ISSUES

All issues related to the overlap of Indian ENC's with the UKHO have been resolved as decided in the TWG meeting held in 2012 at NHO, Dehradun.

### West Coast:

Most of the overlaps within the INHO cells have been resolved in this general purpose (UB 2) ENC's. INHO is going to rearrange/re-scheme its existing paper charts/ENC's in the Gulf of Kachchh region and the issue will be addressed in due course.

### East Coast:

Considerable work of resolving the overlap has been done in this part of India. In the East Coast, rearrangement of ENC's in UB2 and UB 3 is under progress. INHO is planning to come up with a new series of Coastal charts and ENC's with 1:150, 000 scale coverage. With this initiative all the internal overlap issues within INHO cell will be resolved once for all.

### Andaman & Nicobar Islands:

Overlap issues in this area have been resolved. Positional readjustment of all ENC's of this area is complete and the New Editions of the respective cells have already been released into the market.



**THANK YOU**