



# INDIAN NOTICES TO MARINERS



EDITION NO. 13 DATED 01 JUL 2013

(CONTAINS NOTICES 135 TO 143)

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(PUBLISHED ON NHO WEBSITE ON 1<sup>ST</sup> & 16<sup>TH</sup> OF EVERY MONTH)

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INSIST ON INDIAN CHARTS AND  
PUBLICATIONS  
Original, Authentic and Up-to-Date



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## II

### **MARINER'S OBLIGATION AND A CHART MAKER'S PLEA**

Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Government of India at the above mentioned address/fax number/ E mail address immediately on discovering new or suspected dangers to navigation, changes/defects pertaining to navigational aids, and shortcomings in Indian charts/publications. The Hydrographic Note [Form IH – 102] is a convenient form to notify such changes. Specimen form is attached at Section IX with this notice. Also visit our website for downloading and filling up instructions for Hydrographic Note.

**Chief Hydrographer  
to the Government of India**



### III

## **EXPLANATORY NOTES**

**Corrections to Charts and Publications.** Section I comprises List of Charts affected by the notices contained in this edition. Whereas sections II and III contain information for correcting the charts and publications. Mariners should insist on corrected charts from their chart distributors/agents.

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart 5020 (INT 1).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

**Temporary and Preliminary Notices.** These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. SI Nos. of those in force are published quarterly on 01 Jan, 01 Apr, 01 Jul and 01 Oct, and their text is published in Annual Edition of Indian Notices to Mariners. They should be inserted in pencil, by the user, on receipt.

**Source of Information.** A star preceding the number of a Notice indicates that the notice is promulgated by INHO based on original information received.

**Sailing Directions.** Corrections for the Sailing Directions (Pilots) are given in Section VI.

**Lights.** Corrections to Indian List of Lights are given in Section VII, where affected Light List number is quoted.

- (a) These corrections should be incorporated as per instructions given on page XI of the List of Lights.
- (b) Such correction notices to list of lights may be published in either an earlier or a later Edition of N to M than the Edition containing the Notice to the chart correction.
- (c) The range of a light given is its nominal range. Its geographical range is given in parenthesis only if it is less than the nominal range.
- (d) A star indicates that the corresponding field is to be amended and all stars indicate that new light is to be inserted.

**Radio Signals.** The corrections in Section VIII should be cut and pasted in the appropriate volume of the List of Radio Signals.

**Radio Navigational Warnings.**

- (a) These are broadcast as serially numbered NAVAREA warnings by the concerned NAVAREA coordinator through GMDSS and Area Radio Broadcasts.
- (b) They contain important information affecting navigational safety, which cannot await the publication of the next edition of N to M.
- (c) It should be borne in mind that they may be based on reports which cannot always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid overloading users; the less important information is included in the forthcoming edition of N to M or the Chart/publication concerned.

## IV

**Laws and Regulations.** While in the interest of the safety of shipping, the Hydrographic Office makes every endeavor to include in its publications details of the laws and regulations of all countries pertaining to navigation, it must be clearly understood: -

- (a) That no liability whatsoever can be accepted for failure to publish details of any particular law or regulation and
- (b) That publication of details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the International validity of the law or regulation.

**Correction of Charts and Publications by the Users.** Notices to Mariners contain important information concerning safety of navigation at sea, hence, they should be used to keep the specified charts and publications up-to-date.

**Reliance on Charts and Associated Publications.** While every effort is made by the Hydrographic Office to ensure the accuracy of the information on Charts and Publications before they are published, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge for the reliance he can place on the information available, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

**Use of Global Positioning System (WGS 84) positions.**

- (a) The positions of hydrographic objects shown on most of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

**Source Data on Charts.** All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

**Further Guidance.** The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

## **NEWLY PUBLISHED INDIAN CHARTS, ENC's AND PUBLICATION**

1. The new Indian Charts that is available for mariners in the market are as follows:-

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title, Limits &amp; Description</i>   | <i>Scale</i> | <i>Folio</i> | <i>Price</i> |
|------------------|----------------------------|--|--------------|--------------|--------------|
| 2056             | 15-05-2013                 | <b>JAFARABAD PORT</b><br><u>Limits</u><br>20° 44'.25N; 71° 20'.50E.<br>20° 53'.00N; 71° 27'.20E.                 | 25,000       | 2            | Rs. 1870.00  |
| 2065             | 30-05-2013                 | <b>PORT DABHOL</b><br><u>Limits</u><br>17° 30'.50N; 73° 02'.65E.<br>17° 35'.75N; 73° 11'.00E.                    | 15,000       | 3            | Rs. 1870.00  |
| 2505             | 31-05-2013                 | <b>APPROACHES TO MATHURIN HARBOUR</b><br><u>Limits</u><br>19° 43'.00S; 63° 21'.25E.<br>19° 29'.69S; 63° 30'.50E. | 25,000       | 7            | Rs. 1870.00  |
| 2512             | 15-05-2013                 | <b>AGALEGA ISLANDS</b><br><u>Limits</u><br>10° 33'.60S; 56° 33'.35E.<br>10° 15'.90S; 56° 45'.45E.                | 37,500       | 1            | Rs. 1870.00  |
| 3031             | 15-05-2013                 | <b>BALESHWAR ROADS</b><br><u>Limits</u><br>21° 23'.00N; 87° 00'.30E.<br>21° 30'.50N; 87° 11'.20E.                | 30,000       | 5            | Rs. 1870.00  |
| 3033             | 15-05-2013                 | <b>KARAIKAL ANCHORAGE</b><br><u>Limits</u><br>10° 47'.90N; 79° 50'.30E.<br>10° 53'.20N; 79° 57'.50E.             | 20,000       | 5            | Rs. 1870.00  |
|                  |                            | <b>KARAIKAL PORT</b><br><u>Limits</u><br>10° 49'.08N; 79° 50'.10E.<br>10° 52'.00N; 79° 54'.60E.                  | 12,500       |              |              |
| 3038             | 15-05-2013                 | <b>APPROACHES TO DHAMRA PORT</b><br><u>Limits</u><br>20° 47'.50N; 86° 56'.10E.<br>20° 56'.20N; 87° 10'.25E.      | 25,000       | 5            | Rs. 1870.00  |

2. The Indian Charts permanently withdrawn are as follows:-

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title</i>                   | <i>On Publication of New Chart / Edition</i> | <i>Date of Publication</i> |
|------------------|----------------------------|--------------------------------|--|----------------------------|
| 2056             | 31-03-2009                 | JAFARABAD PORT                 | 2056   | 15-05-2013                 |
| 2065             | 15-10-2009                 | PORT DABHOL                    | 2065   | 30-05-2013                 |
| 2505             | 15-02-2009                 | APPROACHES TO MATHURIN HARBOUR | 2505   | 31-05-2013                 |

## VI

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title</i>                     | <i>On Publication of New Chart / Edition</i> | <i>Date of Publication</i> |
|------------------|----------------------------|----------------------------------|--|----------------------------|
| <b>2084</b>      | <b>15-03-2007</b>          | <b>AGALEGA ISLANDS</b>           | <b>2512</b>                                  | <b>15-05-2013</b>          |
| <b>3031</b>      | <b>30-04-2011</b>          | <b>BALESHWAR ROADS</b>           | <b>3031</b>                                  | <b>15-05-2013</b>          |
| <b>3033</b>      | <b>31-12-2009</b>          | <b>KARAIKAL ANCHORAGE</b>        | <b>3033</b>                                  | <b>15-05-2013</b>          |
|                  |                            | <b>KARAIKAL PORT</b>             |  |                            |
| <b>3038</b>      | <b>31-12-2011</b>          | <b>APPROACHES TO DHAMRA PORT</b> | <b>3038</b>                                  | <b>15-05-2013</b>          |

3. The forthcoming Indian Charts are as follows:-

| <i>Chart No</i> | <i>Title</i>                             | <i>Scale</i>   | <i>Remarks</i>     |
|-----------------|--|----------------|--------------------|
| <b>210</b>      | <b>UMARGAM TO SATPATI</b>                | <b>150,000</b> | <b>New Edition</b> |
| <b>211</b>      | <b>SATPATI TO MURUD JANJIRA</b>          | <b>150,000</b> | <b>New Edition</b> |
| <b>4171</b>     | <b>CAMORTA ISLAND (NORTHERN PORTION)</b> | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4172</b>     | <b>KATCHALL ISLAND TO CAMORTA ISLAND</b> | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4173</b>     | <b>KATCHALL ISLAND (WESTERN PORTION)</b> | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4181</b>     | <b>PULO MILLOW ANCHORAGE</b>             | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4182</b>     | <b>CAPE EDINBURG</b>                     | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4189</b>     | <b>TRINKAT CHAMPLONG BAY</b>             | <b>25,000</b>  | <b>New Chart</b>   |
| <b>4190</b>     | <b>MENCHEL ISLAND</b>                    | <b>25,000</b>  | <b>New Chart</b>   |

### Availability of ENC's.

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the world wide network of their agents and distributors. Updates are also made available as per the existing policy of the distributor. Mariners and other ENC users may contact the under mentioned for further details:

|   |   |
|---|---|
| United Kingdom Hydrographic Office<br>Admiralty Way, Taunton, Somerset<br>TA1 2DN, UK<br>Tel: +44 (0) 1823 337900<br>Fax: +44 (0) 1823 330561, 1823 284077<br>Telex: 46274<br>Email: <a href="mailto:helpdesk@ukho.gov.uk">helpdesk@ukho.gov.uk</a><br>Web site: <a href="http://www.ukho.gov.uk">www.ukho.gov.uk</a> | JEPPESEN MARINE<br>Jeppesen Norway AS<br>Hovalandsveien 52<br>P.O. 212, N-4379,<br>Egersund, Norway<br>Ph: 0047 51 464700<br>Fax: 0047 51 464701<br>Email: <a href="mailto:enc@jeppesen.com">enc@jeppesen.com</a> , <a href="mailto:info@c-map.co.no">info@c-map.co.no</a><br>Website: <a href="http://www.jeppesen.com">www.jeppesen.com</a> |
| M/s Primar<br>Norwegian Hydrographic Service,<br>Postbox 60,<br>4001 Stavanger<br>Norway<br>Telephone - +47 - 51 85 87 00<br>Fax - + 47 - 51 85 87 08<br>E-mail:-data@ecc.no<br>Website: - <a href="http://www.primar.org">www.primar.org</a>   |   |

## VII

### TEMPORARY AND PRELIMINARY NOTICES

*In Force 01 Jul 2013*

*(Former In Force List dated 01 Apr 2013 is cancelled)*

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#### Cancelled Notices

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**Area Notice No.**

- 1 Nil.
  - 2 039/13, 058/13, 089/13, 096/13.
  - 3 259/12, 057/13, 095/13.
  - 4 Nil.
- 

#### 1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN.

| <u>Notice</u> | <u>Charts Affected</u>   | <u>Description</u>  |
|---------------|--|---|
| 445/06        | 20 – 21 – 286 – 291 – 2088 – 2094 – 2095 – 2096 – 7703 (INT 703) – 7705 (INT 705) – 8009 – 8010. | ARABIAN SEA – RED SEA – Submarine cables.                               |
| 249/08        | 20 – 288 – 289 – 8004.   | UNITED ARAB EMIRATES – QATAR – Submarine cables.                        |
| 354/08        | 20 – 289.  | UNITED ARAB EMIRATES – Jazirat Das to Ras al Qila – Submarine pipeline. |

#### 2. INDIA WEST COAST – INDIAN OCEAN

| <u>Notice</u> | <u>Charts Affected</u>  | <u>Description</u>   |
|---------------|---|--|
| 085/09        | 2047.   | INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty. |
| 152/11        | 2081 – 2100.  | INDIA – WEST COAST – Pipavav Port – Dredging.  |
| 182/12        | 21 – 22 (INT 752) – 249 – 250 – 291 – 292 (INT 7021) – 293 (INT 7022).  | INDIA – ARABIAN SEA – Argo Floats.   |
| 251/12        | 2106 – 2107.  | INDIA – WEST COAST – Mundra Port – Port Development. Dredging. Turning Circle. Buoys.    |
| 257/12        | 217 – 258 (INT 7348) – 272 – 293 (INT 7022) – 2002 (INT 7351) – 2052 (INT 7350).  | INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Buoys. Dredging.             |
| 258/12        | 21 – 22 (INT 752) – 23 – 32 (INT 754) – 214 – 215 – 221 – 253 (INT 7328) – 257 (INT 7343) – 259 (INT 7356) – 260 (INT 7362) – 261 – 262 – 263 (INT 7383) – 272 – 292 (INT 7021) – 293 (INT 7022). | INDIA – WEST COAST – Arabian Sea – ADCP Moorings.  |
| 269/12        | 2022 (INT 7345) – 2020 – 2078 (INT 7346).   | INDIA – WEST COAST – Port of Mormugao – Dredging.  |

## VIII

### 2. INDIA WEST COAST – INDIAN OCEAN (Continued)

|        |  |  |
|--------|--|--|
| 038/13 | 2065.  | INDIA – WEST COAST – Port Dabhol – Buoy.   |
| 041/13 | 2004(INT 7359) – 2029 (INT 7358) – 2045(INT 7360).   | INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit. Jetty. |
| 042/13 | 23 – 31 – 33 – 7070 (INT 70) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7706 (INT 706) – 7707 (INT 707).                    | INDIAN OCEAN – Data Buoys.   |
| 111/13 | 21 – 22 (INT 752) – 23 – 268 (INT 7353) – 273 – 292 (INT 7021) – 293 (INT 7022) – 7703(INT 703) – 7705 (INT 705) – 7706 (INT 706). | INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.                         |
| 117/13 | 21 – 208 – 254 (INT 7331) – 292 (INT 7021) – 2039 – 2082.  | INDIA – WEST COAST – Gulf of Khambhat – Dahej Harbour – Jetty. Mooring Dolphin.      |
| 129/13 | 211 – 2016 (INT 7336) – 2015 (INT 7337) – 2001 – 2076 (INT 7338).  | INDIA – WEST COAST – Mumbai Harbour – Dredging Operation.                            |
| 130/13 | 21 – 22 (INT 752) – 255 (INT 7334) – 211 – 292 – (INT 7021) – 293 (INT 7022) – 2016 (INT 7336).                                    | INDIA – WEST COAST – Inner Approaches to Mumbai – Wreck Marking Buoys.               |
| 134/13 | 21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336).                                      | INDIA – WEST COAST – off Mumbai – Buoy.  |

### 3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR

| <u>Notice</u> | <u>Charts Affected</u>   | <u>Description</u>   |
|---------------|--|--|
| 237/10        | 406 – 4010.  | ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.              |
| 145/11        | 351 – 301 – 3011 (INT 7421).   | INDIA – EAST COAST – Approaches to Hugli River. Works.                       |
| 238/11        | 3033.  | INDIA – EAST COAST – Karaikal Port – Construction Work. Dredging. Jetty.     |
| 094/12        | 33 – 41 (INT 757) – 402 – 403 – 404 – 405 – 406 – 407 – 408 – 409 – 471 – 472 (INT 7032) – 473 (INT 7031) – 4016 – 4035. | INDIA – ANDAMAN SEA – Fish Aggregating Devices.                              |
| 183/12        | 31 – 32 (INT 754) – 33 – 354 (INT 7408).   | INDIA – BAY OF BENGAL – Argo Floats.   |
| 200/12        | 31 – 322 – 323 – 371 – 3020.   | MYANMAR – WEST COAST – off Ramree Island – Dredging.                         |
| 212/12        | 3034.  | INDIA – EAST COAST – Krishnapatnam Port – Port Development. Dredging.        |
| 225/12        | 31 – 321 – 322 – 371 – 3020.   | BAY OF BENGAL – MYANMAR COAST – Combermere Bay to Cheduba Strait – Platform. |

## IX

### 3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR (Continued)

|        |   |   |
|--------|---|---|
| 239/12 | 352 (INT 7416) – 3010 (INT 7418).   | INDIA – EAST COAST – Paradip Port – Dredging. Restricted Area.                |
| 287/12 | 23 – 32 (INT 754) – 225 – 263 (INT 7383) – 2063.  | SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Restricted area.    |
| 288/12 | 31 – 32 (INT 754) – 354 (INT 7408) – 355 (INT 7405) – 391 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).                             | INDIA – EAST COAST – Bay of Bengal – Drilling Operation.                      |
| 043/13 | 41 (INT 757) – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).  | MYANMAR – Restricted Area.  |
| 051/13 | 31 – 32 (INT 754) – 391 – 354 (INT 7408).   | INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.  |
| 110/13 | 31 – 32 (INT 754) – 33 – 41 (INT 757) – 292 (INT 7021) – 404 – 405 – 472 (INT 7032) – 473 (INT 7031) – 7706 (INT 706) – 7707 (INT 707). | INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys. |
| 118/13 | 31 – 32 (INT 754) – 33 – 308 – 352 (INT 7416) – 354 (INT 7408) – 355 (INT 7405) – 357 (INT 7397) – 391.                                 | INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.                           |
| 119/13 | 31 – 32 (INT 754) – 391 – 354 (INT 7408).   | INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.  |

### 4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

|        |                     |   |
|--------|---------------------|---|
| 383/03 | 33 – 41 (INT 757).  | INDONESIA – Sumatera – North and Northwest Coasts – Restricted area.  |
| 377/07 | 7508 (INT 508).     | INDONESIA – Sumatera – Pulau Belitung West Coast – Tanjungpandan to Jawa North Coast – Pakis – Submarine cable. |
| 238/10 | 41 (INT 757) – 471. | INDONESIA – Sumatera – North West Coast – Pulau Bunta – Lights.   |

**SECTION – I**

The list of charts affected by the Notices 135 to 143 contained in this edition are as follows:

| <b>CHART NUMBER</b> | <b>FOLIO NO.</b> | <b>NOTICE NO.</b> |
|---------------------|------------------|-------------------|
| 207                 | 2                | 135               |
| 254(INT 7331)       | 2                | 135               |
| 268(INT 7353)       | 4                | 136               |
| 273                 | 4                | 137               |
| 289                 | 1                | 141               |
| 2006                | 4                | 137               |
| 2023                | 4                | 136               |
| 2086                | 1                | 140               |
| 4003                | 6                | 138, 142 (T)      |
| 4006                | 6                | 139               |
| 4040                | 6                | 138, 143 (T)      |




## SECTION – II

### PERMANENT NOTICES

**\*135/(13/13) INDIA – WEST COAST – Diu Head to Gopnath Point – Buoy.**

Source: DLL Jamnagar & NAVAREA 310/13.

**Chart 207** [previous update 197/12]

|      |   |                   |       |                            |
|------|---|-------------------|-------|----------------------------|
| Move |  | Fl(9)15s<br>No. 7 | from: | 20° 56'.40N., 72° 06'.95E. |
|      |   |                   | to:   | 20° 57'.70N., 72° 07'.85E. |

**Chart 254 (INT 7331)** [previous update 121/13]

|      |   |                   |       |                            |
|------|---|-------------------|-------|----------------------------|
| Move |  | Fl(9)15s<br>No. 7 | from: | 20° 56'.40N., 72° 07'.00E. |
|      |   |                   | to:   | 20° 57'.67N., 72° 07'.86E. |












**\*136/(13/13) INDIA – LAKSHADEEP SEA – Kavaratti Island – Conspicuous Object. Mooring Buoy.**

Source: NHO Dehradun.

**Chart 268 (INT 7353)** [previous update 046/13]

|        |   |      |  |                           |
|--------|---|------|--|---------------------------|
| Delete |  | Fl.R |  | 10° 31'.59N., 72° 35'.89E |
|--------|---|------|--|---------------------------|

**Chart 2023** [previous update 049/13]

|        |   |                |                         |                           |
|--------|---|----------------|-------------------------|---------------------------|
| Insert |  | CG             |                         | 10° 32'.60N., 72° 37'.00E |
|        |  | BSNL Tr.       |                         | 10° 33'.56N., 72° 38'.14E |
|        |  | Hospital       |                         | 10° 33'.66N., 72° 38'.25E |
|        |  | Coastal Police |                         | 10° 33'.59N., 72° 37'.91E |
|        |  |                |                         | 10° 32'.78N., 72° 37'.31E |
| Move   |  |                | from:                   | 10° 33'.46N., 72° 38'.87E |
|        |   |                | to:                     | 10° 33'.46N., 72° 38'.96E |
| Delete |  |                |                         | 10° 34'.39N., 72° 39'.01E |
|        |  |                |                         | 10° 34'.38N., 72° 39'.08E |
|        |  | Fl.R           | Fish Aggregating Device | 10° 31'.59N., 72° 35'.89E |
|        |  | Police Station |                         | 10° 33'.65N., 72° 37'.95E |
|        |  |                |                         | 10° 32'.78N., 72° 37'.26E |

**\*137/(13/13) INDIA – LAKSHADEEP – Minicoy Island – Light.**

Source: NHO Dehradun.






















**Chart 273** [previous update 094/13]

|        |   |             |  |                           |
|--------|---|-------------|--|---------------------------|
| Insert |  | Fl(2)10s10M |  | 08° 17'.75N., 73° 03'.94E |
|--------|---|-------------|--|---------------------------|

**Chart 2006** [previous update 235/12]

|        |   |                |  |                            |
|--------|---|----------------|--|----------------------------|
| Insert |  | Fl(2)10s22m10M |  | 08° 17'.75N., 73° 03'.94E. |
|        |  | FIR5s          |  | 08° 19'.48N., 73° 04'.41E. |

**\*137/(13/13) INDIA – LAKSHADEEP – Minicoy Island – Light. Continued.**

|  |                |                            |
|--|----------------|----------------------------|
|           | FIG5s          | 08° 19'.51N., 73° 04'.35E. |
|           | FIR5s          | 08° 19'.12N., 73° 04'.04E. |
|           | FIG5s          | 08° 19'.22N., 73° 04'.18E. |
|           | FIR5s          | 08° 19'.33N., 73° 04'.32E. |
|           | FIG5s          | 08° 19'.37N., 73° 04'.28E. |
|           | FIR5s          | 08° 18'.61N., 73° 03'.77E. |
|           | FIG5s          | 08° 18'.93N., 73° 03'.88E. |
|           | FIG5s          | 08° 18'.35N., 73° 03'.65E. |
|           | FIR5s          | 08° 18'.11N., 73° 03'.63E. |
|           | FIG5s          | 08° 17'.65N., 73° 03'.46E. |
|           |                | 08° 17'.12N., 73° 03'.24E. |
|          | FIG5s          | 08° 17'.48N., 73° 03'.40E. |
| height of tower, (50), at:   |                | 08° 16'.90N., 73° 03'.41E. |
|         | Hospital       | 08° 16'.97N., 73° 03'.40E. |
|         |                | 08° 16'.86N., 73° 03'.40E. |
|         | (55)           | 08° 17'.37N., 73° 03'.69E. |
|         | PSS (30)       | 08° 17'.04N., 73° 03'.40E. |
| Delete  | Fl(2)10s22m10M | 08° 17'.50N., 73° 03'.95E. |
|         |                | 08° 19'.50N., 73° 04'.45E. |
|  |                | 08° 19'.52N., 73° 04'.35E. |
|  |                | 08° 19'.07N., 73° 03'.98E. |
|  |                | 08° 19'.24N., 73° 04'.13E. |
|  |                | 08° 19'.37N., 73° 04'.33E. |
|  |                | 08° 19'.38N., 73° 04'.28E. |
|  |                | 08° 18'.62N., 73° 03'.75E. |
|  |                | 08° 18'.93N., 73° 03'.90E. |
|  |                | 08° 18'.37N., 73° 03'.67E. |
|         |                | 08° 16'.96N., 73° 03'.40E. |
|         |                | 08° 17'.00N., 73° 03'.42E. |
|         |                | 08° 16'.85N., 73° 03'.50E. |

## 2.3

### \*138/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Conspicuous Objects.

Source: IH – 102 INS Investigator.

#### Chart 4003 [previous update 282/12]

Insert



13° 16'.50N., 93° 01'.29E

13° 16'.84N., 93° 01'.62E

#### Chart 4003 (Plan) [previous update 282/12]

Insert



13° 16'.50N., 93° 01'.29E (S Border)

13° 16'.84N., 93° 01'.62E

#### Chart 4040 [previous update 212/10]

Insert



12° 55'.00N., 92° 53'.73E



PSS

(a) 12° 55'.56N., 92° 53'.94E



12° 55'.61N., 92° 53'.63E

Delete



close to (a) above



PA

12° 55'.630N., 92° 53'.627E

### \*139/(13/13) INDIA – ANDAMAN SEA – Port Blair – Wrecks.

Source: IH – 102 INS Investigator.

#### Chart 4006 [previous update 229/12]

Insert



11° 39'.68N., 92° 43'.46E

11° 39'.67N., 92° 43'.39E

### \*140/(13/13) INDIAN OCEAN – MAURITIUS – Approaches to Port Louis – Port Limit.

Source: Mauritius Port Authority.

#### Chart 2086 [previous update 132/13]

Insert

limit of Port of Louis, pecked line, joining:

20° 05'.93S., 57° 30'.73E.

(a) 20° 05'.59S., 57° 27'.85E.

(b) 20° 09'.62S., 57° 24'.75E.

20° 11'.41S., 57° 24'.75E.

legend "Limit of Port of Port Louis" in between:

(a) and (b) above

Delete

former limit of Port of Louis, pecked line, joining:

(a) 20° 03'.60S., 57° 31'.15E.

(b) 20° 10'.40S., 57° 25'.82E.

legend "Limit of Port of Port Louis" in between:

(a) and (b)

#### Chart 2086 (Plan) [previous update 132/13]

Delete

former limit of Port of Louis, pecked line, joining:

(a) 20° 06'.35S., 57° 29'.04E. (N Border)

(b) 20° 08'.21S., 57° 27'.60E. (W Border)

legend "Limit of Port of Port Louis" in between:

(a) and (b)

### 141/(13/13) UNITED ARAB EMIRATES – Strait of Hormuz to Qatar – Mooring buoy. Wreck.

Source: BA Notice No. 2739/13 & 2740/13.

#### Chart 289 [previous update 133/13]

Insert



25° 44'.20N., 52° 55'.00E.



25° 04'.40N., 52° 57'.70E.

**SECTION – III**  
**TEMPORARY AND PRELIMINARY NOTICES**

**\*142(T)/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Light.**

Source: IH 102 (INS Investigator).

Brush Island light in position 13° 17′.58N, 93° 03′.13 (WGS- 84) unlit.

**Charts Affected: 4003.**

**\*143(T)/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Light.**

Source: IH 102 (INS Investigator).

Egg Island light in position 12° 55′.94N, 92° 53′.56E is unlit.

**Charts Affected: 4040.**



## **SECTION – IV** **MARINE INFORMATION**

### **1. NAVTEX TRANSMISSION**

MSI Promulgation by NAVTEX Stations at Mumbai and Chennai are temporarily out of operation.

(Source – DG Shipping)

### **2. MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS**

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crew using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - [indsar@vsnl.net](mailto:indsar@vsnl.net), or [icgmrc\\_mumbai@mtnl.net](mailto:icgmrc_mumbai@mtnl.net) . Any suspicious activity of skiffs / boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

(Source - NAVAREA VIII Warning 100/12)

### **3. DISPLAY ANOMALIES IN ECDIS**

(a) Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website [www.iho.int](http://www.iho.int), to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode.

Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See [www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html](http://www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html) for further information.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

(Source - NAVAREA VIII Warning 141/12 & 529/12)

### **3. SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME**

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates for the above have been published in the fortnightly Indian Notices to Mariners Edition No 14 of 2008 (16<sup>th</sup> July 2008).

(a) **Safety Fairways:** An area within which permits are not granted for the erection of oil or gas related structures. The use of a safety fairway is not usually mandatory, but is recommended. Safety fairways have been promulgated in and round offshore development area in Arabian Sea up to the Exclusive Economic

## 4.2

Zone (EEZ) due to increased weather related marine accidents and dense traffic. These are mandatory for all Indian ships and vessels transiting through the ODA and recommendatory for all foreign flag ships and vessels irrespective of size.

(b) Recommended routes have been established along the coast of Gujarat. These are to assist mariners to navigate safely in order to represent the best routes for crossing traffic and to minimize head-on encounters in vicinity of Oilfield Development Areas and regulate coastal traffic. Mariners are advised to keep 1 to 2 miles starboard of the shown routes consistent with Rules of the Road.

(c) Traffic Separation Schemes (TSS). The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.



### **Distribution of Indian Paper Charts and Nautical Publications**

Indian Nautical Charts and Publications from National Hydrographic Office, India are now available globally. Details of overseas chart agents are as follows:-

|   |  |   |
|---|--|---|
| <b>JEPPESEN MARINE</b><br><b>Jeppesen India Pvt. Ltd.</b><br>505, Raheja Arcade,<br>Sector-11, CBD Belapur,<br>Navi Mumbai 400 614<br>Ph: 91 22 65103668<br>Fax: 91 22 67939504<br>Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a>                    | <b>JEPPESEN MARINE</b><br><b>Jeppesen Norway AS</b><br>P.O. 212,<br>N-4379, Egersund, Norway<br>Ph: 0047 51 464700<br>Fax: 0047 51 464701<br>Email: <a href="mailto:info@c-map.no">info@c-map.no</a><br>Site: <a href="http://www.c-map.no">www.c-map.no</a> | <b>C-Map US Commercial</b><br>133 Falmouth Road,<br>Building 2, Postal Code: 02649,<br>Mashpee, MA, America<br>Ph: +1 (508) 477 8010<br>Fax: +1 (508) 539 4381<br>Email: <a href="mailto:info@c-map.com">info@c-map.com</a>                     |
| <b>C-Map (UK) Ltd.</b><br>Systems House<br>Delta Business Park<br>Salterns Lane, Fareham,<br>PO16 0QS, United Kingdom,<br>Ph: +44 (0) 1329 517777<br>Fax: +44 (0) 1329 517778<br>Email: <a href="mailto:info@c-map.co.uk">info@c-map.co.uk</a>                      | <b>Mari-Sys Pte Ltd.</b><br>20 Ayer Rajah Crescent,<br>08-21, SE 139964,<br>Republic of Singapore<br>Ph: +65 6776 1898<br>Email: <a href="mailto:info@mari-sys.com">info@mari-sys.com</a>  | <b>Bogerd Martin NV,</b><br>Oude Leeuwenrui 37<br>2000 Antwerp, Belgium<br>Ph: +32 (3) 2134170<br>Fax: +32 (3) 2326167<br>Email: <a href="mailto:sales@martin.be">sales@martin.be</a><br>Site: <a href="http://www.martin.be">www.martin.be</a> |
| <b>Bogerd Martin Tianjin(China Branch)</b><br>2-B101 FTZ Hi-Tech<br>Development Centre 131<br>Haibin 9 Road 300461<br>Tianjin China<br>Ph: +86 22 257 62 721<br>Fax: +86 22 257 62 722<br>Email: <a href="mailto:charts-tj@martincn.com">charts-tj@martincn.com</a> | <b>C-Map Holland</b><br>Paleiskade100<br>PO Box 7<br>1781 AR Den Helder,<br>Holland<br>Ph: +31 223 616 700<br>E Mail: CorMallie<br><a href="mailto:cor@chartworx.nl">cor@chartworx.nl</a>  |   |

**List of Indian Chart Agents.**

|  |   |
|--|---|
| M/s OSA Books and Periodicals,<br>R-246, Greater Kailash -I<br>New Delhi - 110 048<br>Tel/Fax: 011-46557337, Mob: 9971093992<br>Email: <a href="mailto:rpani246@gmail.com">rpani246@gmail.com</a>  | M/s Sterling Book House,<br>181, Dr. DN Road<br>Fort, Mumbai – 400 001<br>Tel: 91-22-22612521,<br>Fax: 91-22-22623551<br>Email : <a href="mailto:sbh@vsnl.com">sbh@vsnl.com</a>   |
| M/s Global Charts & Nav. Aids Pvt. Limited<br>1A, Goa Mansion, Ground Floor<br>58, Dr. Sunderlal Bahl Path (Goa Street)<br>Fort, Mumbai - 400 001<br>Tel: 91-22-22626318, 22626380,<br>Fax: 91-22-22621488<br>Email: <a href="mailto:sales@bogerdmartin.com">sales@bogerdmartin.com</a> , <a href="mailto:sarmarin@vsnl.com">sarmarin@vsnl.com</a> | M/s EW Stevens & Co. (Pvt.) Ltd.<br>Mackinnon Mackenzie Bldg, Ground Floor,<br>4 Shoorji Vallabhdas Marg,<br>Mumbai-400 038<br>Tel: 91-22-22618567,<br>Fax: 022-22619146<br>Email: <a href="mailto:ewsbom@bom3.vsnl.net.in">ewsbom@bom3.vsnl.net.in</a>   |
| M/s C & C Marine Combine<br>25 Bank Street, 1 <sup>st</sup> Floor, Mumbai - 400 023<br>Tel: 91-22- 22660525, 22661937, 22672143<br>Fax: 91-22-22670896<br>Email: <a href="mailto:ccmarine@bom5.vsnl.net.in">ccmarine@bom5.vsnl.net.in</a>  | M/s Maritime Charts & Publications<br>2/524 Sundeep Road,<br>Chinna Neelangarai,<br>Chennai 600041<br>Land Mark - Nearby Suganya Kalyana Mandapam<br>Tele/Fax : +91-44-24490668<br>Mob No : +91-9003245348<br>Email: <a href="mailto:ewl-india@ewliner.com">ewl-india@ewliner.com</a>   |
| M/s SVR Chart Agencies<br>Door No.50-81-35/6,<br>Santhipuram,<br>Seetammapeta,<br>Visakhapatnam-530 016<br>Tele Fax: 0891-2799471,<br>Cell: 9440132553, 9849120988, 9885308200<br>Email : <a href="mailto:mahalakshmitravel@hotmai.com">mahalakshmitravel@hotmai.com</a>   | M/s Jeppesen India Pvt. Ltd<br>505, Raheja Arcade, Sector 11 CBD, Belapur<br>Navi Mumbai – 400 614<br>Tel: +91 22 5610 3668, Fax: +91 22 55939504<br>Mob: +9322238542<br>Email: <a href="mailto:raj_chakravorty@yahoo.com">raj_chakravorty@yahoo.com</a><br><a href="mailto:info@c-map.co.in">info@c-map.co.in</a><br>Website: <a href="http://www.c-map.co.in">www.c-map.co.in</a> |
| M/s JM Maritime Services<br>24/24C Kavarana Building<br>Ground Floor, Wadi Bunder<br>P.D. Mellow Road, Mumbai – 400 009<br>Tel: +91 22 23736956, Fax: 022 - 23725083<br>Cell: +91 9820788357<br>Email : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a><br><a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a>                       | M/S Inspire Shipping,<br>46a, Ashok Chamber, Broach Street,<br>Masjid Bunder (E),<br>Mumbai – 400 009<br>Fax : 022 – 27713146<br>Email : <a href="mailto:info@inspireship.com">info@inspireship.com</a><br><a href="mailto:pramod@inspireship.com">pramod@inspireship.com</a>   |
| M/S Lift-O-Marine<br>Allens Mansion, Flat – C6<br>Nungi Station Road, Bata Nagar<br>PO. Parbangla<br>Kolkata - 700140<br>Tel: +91-33-24924283,<br>Cell: +91-8902228463<br>Email: <a href="mailto:sankar_roy342@yahoo.in">sankar_roy342@yahoo.in</a>  | M/s Global Marine Infratech Pvt. Ltd.<br>Siksha Sandan, Ground Floor, ND-7,<br>VIP Area, IRC Village<br>Bhubaneswar – 751015<br>Tel: +91-674-2550599,<br>Fax: +91-674-2551899<br>Email: <a href="mailto:ashiskantha@gmiindia.in">ashiskantha@gmiindia.in</a><br>Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a>   |

## **SECTION – V**

### **NAVAREA – VIII WARNINGS IN FORCE**

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 13 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings inforce as on 30 Jun 13.

**2012 SERIES** – 661

**2013 SERIES** – 008 012 035 036 160 197 203 228 265 303 307 310 319 320 324 330 334 335  
338 343 346 354 356 360 361 365 366 367 368

3. NAVAREA VIII Warnings issued during the period from 16 Jun to 30 Jun 13 (both dates inclusive) are as tabulated below: –

|  |                     |                        |
|--|---------------------|------------------------|
| <b>343. Cancel NAVAREA VIII 308/13.</b> India West Coast – Kandla Port. Charts 21 203 2018 2080 INT 71 INT 706. Coal loaded barge reported sunk in vicinity 22-50N 070-04E marked with yellow coloured squarish unlit buoy.      |                     |                        |
| 2. Caution advised.  |                     |                        |
| <b>344. Cancel NAVAREA VIII 342/13 and this MSG.</b>   |                     |                        |
| <b>345. Cancel NAVAREA VIII 336/13 and this MSG.</b>   |                     |                        |
| <b>346 India East Coast – Bay of Bengal.</b> Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 191002 UTC Jun 13:  |                     |                        |
| ABAN II  | 16-44.23N           | 082-23.67E             |
| ACTINIA  | 16-14.80N           | 082-10.99E             |
| DEEP SEA MATDRILL  | 16-13.47N           | 081-38.53E             |
| DSR DHIRUBHAI DEEPWATER KG-1   | 14-35.60N           | 082-16.51E             |
| DSR DHIRUBHAI DEEPWATER KG-2   | 11-35.70N           | 080-21.21E             |
| GSF-140  | 16-31.68N           | 082-28.43E             |
| MG HULME JR  | 16-36.60N           | 082-25.50E             |
| NOBLE DUCHESS  | 16-08.84N           | 081-40.95E             |
| DSR PLATINUM EXPLORER  | 19-39.60N           | 087-43.90E             |
| SAGAR RATNA  | 16-13.96N           | 081-45.89E             |
| D S SAGAR VIJAY  | 16-19.08N           | 082-16.00E             |
| wide berth requested.  |                     |                        |
| 2. Cancel NAVAREA VIII 339/13.   |                     |                        |
| <b>347. Andaman sea – off Port Blair.</b> Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0730 UTC to 1130 UTC on 26 Jun 13 in area bounded by:   |                     |                        |
| (a) 11-39.7N   | 092-46.3E           | (b) 11-40.6N 092-47.0E |
| (c) 11-38.7N   | 092-53.1E           | (d) 11-32.9N 092-48.3E |
| 2. Safe flying height 5000 metres.   |                     |                        |
| 3. Cancel this MSG 261230 UTC Jun 13.  |                     |                        |
| <b>348. Bay of Bengal – Southern Portion.</b> Charts 32 33 41 356 357 391 472 473 INT 71 INT 706. PSLV- C20 Rocket launching scheduled from launch pad 13-43.9N 080-14.2E between 1600 UTC to 2030 UTC from 01 Jul to 03 Jul 13. |                     |                        |
| 2. Danger areas are as follows:  |                     |                        |
| (a) <b><u>Danger zone – 1</u></b>  |                     |                        |
| Circle of 10 NM around the launcher  |                     |                        |
| (b) <b><u>Danger zone – 2</u></b>  |                     |                        |
| (I) 13-45N 080-45E   | (II) 13-30N 080-40E |                        |
| (III) 13-20N 081-25E   | (IV) 13-35N 081-30E |                        |
| (c) <b><u>Danger zone – 3</u></b>  |                     |                        |
| (I) 13-35N 082-10E   | (II) 13-05N 082-05E |                        |
| (III) 12-40N 084-00E   | (IV) 13-10N 084-05E |                        |
| (d) <b><u>Danger zone – 4</u></b>  |                     |                        |
| (I) 13-00N 084-25E   | (II) 12-30N 084-20E |                        |
| (III) 12-20N 085-05E   | (IV) 12-50N 085-10E |                        |
| (e) <b><u>Danger zone – 5</u></b>  |                     |                        |
| (I) 12-05N 088-35E   | (II) 11-25N 088-25E |                        |
| (III) 11-10N 089-25E   | (IV) 11-50N 089-35E |                        |

348. Continued.

(f)

Danger zone – 6

(I)11-00N 094-30E

(II)09-00N 094-30E

(III)09-00N 095-40E

(IV)11-00N 095-40E

(g)

Danger zone – 7

(I)17-00S 133-00W

(II)19-00S 133-00W

(III)10-00S 092-00W

(IV)08-00S 093-00W

3. Caution advised.

4. Cancel this MSG 032130 UTC Jul 13.

349. India East Coast – Chennai.

Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from position 13-07.02N 080-18.01E from 0530 UTC to 0730 UTC on 28 Jun 13.

2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position.

3. Safe flying height 12800 metres.

4. Cancel this MSG 280830 UTC Jun 13.

350. NAVAREA VIII – Messages in force as on 211002 UTC Jun 13:

2012 Series – 661

2013 Series – 008 012 035 036 160 197 203 228 265 303 306 307 310 315 319 320 324 329 330 334 335 338 343 346 347 348 349

(a) NAVAREA VIII warnings less than 42 days old (265/13 onward) are promulgated via SafetyNET.

(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in

(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.

2. Cancel this MSG 281002 UTC Jun 13.

351. Indian Ocean – Northern Part.

Charts INT 71 INT 72 INT 705. Debris of MOL Comfort in fore part reported adrift in vicinity 14-52N 065-46E.

2. Caution advised.

3. Cancel this MSG 260830 UTC Jun 13.

352. Cancel NAVAREA VIII 351/13. Indian Ocean – Northern Part.

Charts INT 71 INT 72 INT 705. MOL Comfort fore part reported adrift in vicinity 15-12N 066-53E and aft part reported adrift in vicinity 13-38N 064-10E at 231400 UTC Jun 13.

2. Caution advised.

3. Cancel this MSG 270530 UTC Jun 13.

353. Indian Ocean – Eastern Part.

Charts INT 70 INT 71 INT 73 INT 707. Yellow and green coloured Srilankan fishing boat Seven Star fifteen metres length reported adrift in vicinity 04-15S 090-41E at 212000 UTC Jun 13.

2. Caution advised.

3. Cancel this MSG 270531 UTC Jun 13.

354. India East Coast – Bay of Bengal.

Charts 32 33 356 INT 71 INT 706. Firing practice between 0230 UTC to 1130 UTC from 01 Jul to 07 Jul and 15 Jul to 21 Jul 13.

2. Danger zone 15 NM radius around 13-50N 081-40E.

3. Safe flying height 3500 metres.

4. Cancel this MSG 211230 UTC Jul 13.

355. Cancel NAVAREA VIII 352/13. Indian Ocean – Northern Part.

Charts INT 71 INT 72 INT 705. MOL Comfort fore part reported adrift in vicinity 15-25N 067-53E and aft part reported adrift in vicinity 13-48N 064-50E at 241400 UTC Jun 13.

2. Caution advised.

3. Cancel this MSG 271400 UTC Jun 13.

356. India East Coast – Gopalpur.

Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 30 Jun to 06 Jul, 07 Jul to 14 Jul, 15 Jul to 20 Jul and 22 Jul to 25 Jul 13 in area bounded by:

(a)19-14.60N084-53.70E

(b)19-37.05N085-27.87E

(c)18-46.05N085-22.87E

and arc of 41 nm radius joining point (b) and (c).

2. Safe flying height 7000 metres.

3. Cancel this MSG 251900 UTC Jul 13.

357. Cancel NAVAREA VIII 355/13. Indian Ocean – Northern Part.

Charts INT 71 INT 72 INT 705. MOL Comfort aft part reported adrift in vicinity 14-03N 065-30E at 251400 UTC Jun 13.

2. Drifted fore part in vicinity 15-43n 069-07e removed by tugboat.

3. Caution advised.

4. Cancel this MSG 281400 UTC Jun 13.



365.

NAVAREA VIII – Messages in force as on 281002 UTC Jun 13:

2012 Series – 661

2013 Series – 008 012 035 036 160 197 203 228 265 303 306 307 310 315 319 320 324 330 334 335 338 343 346 354 356 360 361 363 364

(a) NAVAREA VIII warnings less than 42 days old (303/13 onward) are promulgated via SafetyNET.

(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website [www.hydrobharat.nic.in](http://www.hydrobharat.nic.in)

(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.

2.

Cancel this MSG 051001 UTC Jul 13.

366.

Cancel NAVAREA VIII 364/13. India West Coast – off Okha.

Charts 21 202 252 271 291 INT 705.

Twelve containers of MV Rajiv Gandhi reported scattered and adrift between 22-39.9N 068-48.20E and 22-26.50N 068-43.10E at 281100 UTC Jun 13.

2.

Caution advised.

3.

Cancel this MSG 011100 UTC Jul 13.

367

Cancel NAVAREA VIII 363/13. Indian Ocean – Northern Part.

Charts INT 71 INT 72 INT 705.

Aft part of derelict MV MOL Comfort reported sunk in vicinity 14-25.9N 066-26.35E at 270748 UTC Jun 13.

2.

Seventeen containers reported partially submerged in vicinity 14-29.7N 066-44.9E at 280420 UTC Jun 13 and eight containers reported partially submerged in vicinity 14-26.8N 066-45.6E at 281205 UTC Jun 13.

3.

Caution advised.

4.

Cancel this MSG 020900 UTC Jul 13.

368.

Indian Ocean – off Reunion Island.

Charts INT 70 INT 71 INT 72 INT 702 INT 735.

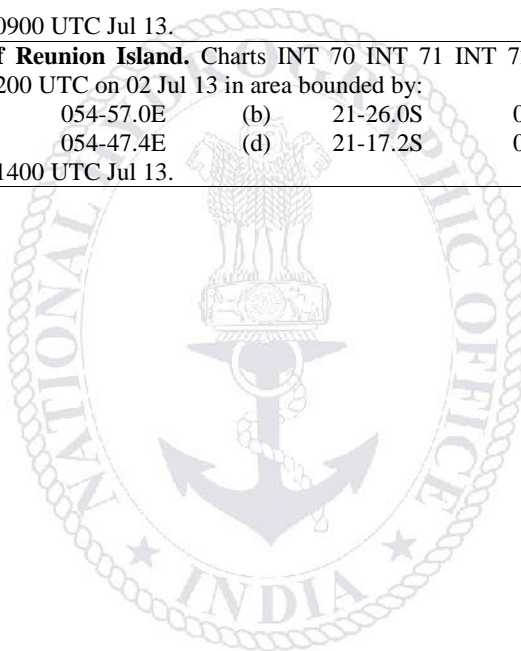
Naval gunnery exercise from 0700 UTC to 1200 UTC on 02 Jul 13 in area bounded by:

(a) 21-12.0S 054-57.0E (b) 21-26.0S 055-02.5E

(c) 21-31.2S 054-47.4E (d) 21-17.2S 054-42.0E

2.

Cancel this MSG 021400 UTC Jul 13.



**SECTION – VI**

**CORRECTIONS TO SAILING DIRECTIONS (PILOTS)**

(Note: For hard copy in colour, kindly download from [www.hydrobharat.nic.in](http://www.hydrobharat.nic.in) Indian Notices to Mariners section)

- NIL -

## **SECTION – VII**

### **CORRECTIONS TO LIST OF LIGHTS**

| No       | Name & Location                               | Position<br>(Lat-Long)    | Characteristics | Ht.<br>mts | Range<br>miles | Structure & Height<br>(mts)               | Remarks  |
|----------|---|---------------------------|-----------------|------------|----------------|---|--|
| D7385    | - QAFCO Jetty. Berth 25                       | 24 54.93N<br>51 34.60 E   | Oc R 5.5s       | 4          |                |   |  |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| D7385.2  | - QAFCO Jetty. Berth 24                       | 24 54.74N<br>51 34.41 E   | Oc R 5.5s       | 4          |                |   |  |
| *        | *   | *                         | *               | *          | *              |   |  |
| D7387    | Remove from list; deleted                     |                           |                 |            |                |   |  |
| D7387.2  | Remove from list; deleted                     |                           |                 |            |                |   |  |
| D7387.3  | Remove from list; deleted                     |                           |                 |            |                |   |  |
| D7387.4  | Remove from list; deleted                     |                           |                 |            |                |   |  |
| F0758.1  | Minicoy North                                 | 08 17.75 N<br>73 03.94 E  | Fl(2)W 10s      | 22         | 10             | White Square masonry tower, Blue bands 22 | fl 1. ec2, fl 1, ec 6  |
|          |   | *                         |                 |            |                | *   |  |
| F1056.4  | Cox's Bazar                                   | 21 25.95 N<br>91 58.38 E  | Fl W 15s        | 54         | 21             | Orange dome on framework tower 7          | fl 0.7   |
|          | -   | ..                        | Racon           | ..         | ..             | ..  | ILRS Vol 2 Station 79330   |
|          |   |                           |                 |            |                |   | *  |
| F1821    | Ramunia Shoals. Tompok Utara.                 | 01 27.75 N<br>104 27.03 E | Fl(3)W15s       | 25         | 15             | White round GRP tower on piled platform   | Destroyed; replaced by light buoy Fl(2)W 10s close by (T) 2013                 |
|          | --  | ..                        | AIS             | ..         | ..             | ..  | MMSI No: 005330110   |
|          |   |                           |                 |            |                |   | *  |
| F9308.95 | West of Neelam Heera and Ratna Oilfield. FPSO | 18 35.20 N<br>71 01.97 E  | Lit             | ..         | ..             | Storage tanker                            |  |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| F9527.51 | - BLWJ-01                                     | 05 19.80 N<br>114 44.55 E | 2 Mo(U)W10s     | ..         | ..             | Platform                                  |  |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| F9531.75 | - Bunga Kamelia A                             | 07 00.20 N<br>103 13.20 E | Lit             | ..         | ..             | Platform                                  | Other installations some marked by lights and fog signals, exist in this field |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| K1145.6  | Tg Karangjahe (ID)                            | 06 48.30 S<br>111 59.69 E | Fl W 5s         | 8          | 12             | White beacon 7                            | fl 1   |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| K1145.7  | Tg Karangjahe. N Jetty. Head (ID)             | 06 47.82 S<br>112 00.10 E | Fl G 4s         | 8          | 12             | Green Δ on green beacon 7                 | fl 1   |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| K1145.8  | Tg Karangjahe. S Jetty. Head (ID)             | 06 47.90 S<br>112 00.18 E | Fl R 3s         | 8          | 12             | Red on red beacon 7                       | fl 0.5   |
| *        | *   | *                         | *               | *          | *              | *   | *  |
| K1168    | -Karang Pisang (ID)                           | 07 11.11 S<br>112 41.13 E | Fl G 5s         | ..         | 5              | Green metal framework tower               | fl 0.5.<br>Vis 138°-338°(200°)   |
|          |   | *                         |                 |            | *              |   | *  |

**SECTION – VIII**  
**CORRECTION TO LIST OF RADIO SIGNALS**

**INP 31(1), 2005**

*(Last correction: Edition No. 07 dated 01 Apr 2013)*

**NIL**

**INP 31(2), 2007**

*(Last correction: Edition No. 11 dated 01 Jun 2013)*

**NIL**

**INP 31(5), 2011**

*(Last correction: Edition No. 07 dated 01 Apr 2013)*

**NIL**

**INP 31(6), 2012**

*(Last correction: Edition No. 11 dated 01 Jun 2013)*

**PAGE 51, LAKSHADWEEP (Laccadive Islands, INDIA), MINICOY ISLAND**

*Delete and replace by:*

**MINICOY ISLAND, Cannanore Islands**

**8°17'N 73°04'E**

**Port**

**LOCATION:** Port Radio Station, Minicoy town, about 2.5 n miles SSW of Kodi Pt.

**CONTACT DETAILS:**

VHF Channel: Ch 16

**Port Authority**

Telephone: +91(0)4892 222278

+91(0) 9447196335 (Mobile)

Fax: +91(0)4892222843

E-mail: pa-mnc-lkp@nic.in

Website: <http://lakshadweep.gov.in/depts/port/index.htm>

**(Source: INHO)**

**(13/13)**

## **SECTION – IX**

### **REPORTING OF NAVIGATIONAL DANGERS**

#### **Appeal to all Mariners**

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / harbours and other waterways, are requested to look out for new or suspected dangers to navigation, changes in aids to navigation, or corrections to published charts and Sailing Directions. Whenever any such changes / dangers are observed, mariners are requested to notify the same to the Chief Hydrographer to the Government of India at the following address: -

National Hydrographic Office  
107-A, Rajpur Road,  
Dehradun - 248001  
(UTTARAKHAND), INDIA  
e-mail: - inho-navy@nic.in, msis-inho-navy@nic.in  
Fax No.: +91-135- 2748373  
WEB: www.hydrobharat.nic.in

#### **Instructions for filling up IH 102**

2. Kindly follow the instructions below in order to help the Hydrographic Office (the recipient) to quickly issue NAVAREA warning / Notice to Mariners for the benefit of all other mariners at sea.

#### **Position Reporting**

3. Accurate position or knowledge of position error is of great importance. Latitude and Longitude should only be used to specify position details when they have been fixed by GPS or Astronomical Observations. A full description of the method, equipment, time and datum (WGS 84/ Everest/ Other) used should be given. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two bearings should be used in order to provide a redundancy check. Distances observed by Radar should be corrected for index errors. Where position is derived after the event, from other observations and/or Dead Reckoning, the methodology of deriving the position should be included.

4. Paper Charts. A copy/tracing of largest scale chart is the best medium for forwarding details, the alterations and additions being shown thereon in red, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.

5. ENCs. A Screen shot of largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected cell should be sent along with details of the ECDIS make and version in use at the time.

#### **Depth Reporting**

6. When soundings are obtained using echo sounders, the echo sounding trace should be duly annotated with date, times, position, depths, etc., and forwarded with the IH102. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name and type of echo sounder should also be given.

7. For modern echo sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use. Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:

- (a) the trace being weaker than normal for the depth recorded;
- (b) the trace passing through the transmission line;
- (c) the feathery nature of the trace.

As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from the charted depths. Efforts should be made to identify and negate false echoes if any. The Mariners Handbook (NP100) and Notice 15 Special Edition of Notice to Mariners may be consulted.

8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

9. Reports of **shoal soundings**, uncharted dangers and aids to navigation out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers in such that any uncharted depth under 30 meters or 15 fathoms may be of sufficient importance to justify a radio message.

10. Changes to Port information should be forwarded on Form IH.102A together with form IH.102. Form 102 A contains the information required for Sailing Directions and should be used as an *aide memoir*. The Mariners Handbook, NP100, Chapter 8 gives general instructions. Where there is insufficient space on the forms an additional sheet should be used.

*Please Note:* - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication from National Hydrographic Office to the sender of Hydrographic Notes will only be necessary to verify unusual features or abnormal values reported.

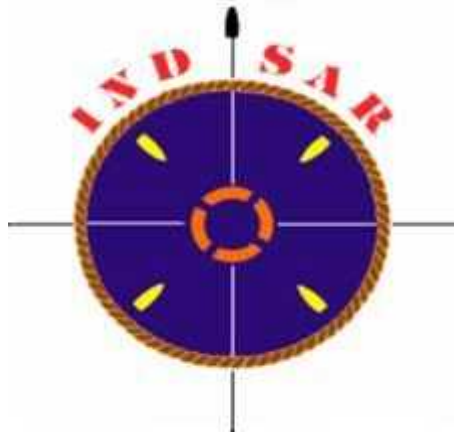


| HYDROGRAPHIC NOTE  |   |                                  |                                       | IH.102<br>(Revised 2012)        |                                    |
|--|---|----------------------------------|---------------------------------------|---------------------------------|------------------------------------|
| For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues |   |                                  |                                       |                                 |                                    |
| Date   |   |                                  | Ref. Number                           |                                 |                                    |
| Name of the Ship or Sender   |   |                                  |                                       |                                 |                                    |
| Address  |   |                                  |                                       |                                 |                                    |
| Tel/FAX/E-mail address   |   |                                  |                                       |                                 |                                    |
| Observation Date   |   |                                  | Time (UTC/IST)                        |                                 |                                    |
| Object of Changes Observed<br>(Tick appropriate)   | <input type="checkbox"/> Bathymetry       |                                  | <input type="checkbox"/> Nav. Dangers |                                 | <input type="checkbox"/> Nav. Aids |
|  | <input type="checkbox"/> Designated Areas |                                  | <input type="checkbox"/> Others       |                                 |                                    |
| Geographical Position<br>(See Instructions Overleaf)   | Latitude                                  |                                  |                                       | Longitude                       |                                    |
| Position Method  | <input type="checkbox"/> DGPS             | <input type="checkbox"/> GPS     | <input type="checkbox"/> Radar        | <input type="checkbox"/> Others |                                    |
| Datum Used   | <input type="checkbox"/> WGS84            | <input type="checkbox"/> Everest | <input type="checkbox"/> Others       |                                 |                                    |
| Charts Affected  |   |                                  |                                       | Edition                         |                                    |
| Latest Edition of Indian Notices to Mariners Held  |   |                                  |                                       |                                 |                                    |
| Tracing/Plot/Photograph if enclosed  |   |                                  |                                       |                                 |                                    |
| ENCs Affected  |   |                                  |                                       |                                 |                                    |
| Latest Update Disk Held  |   |                                  |                                       |                                 |                                    |
| Publication Affected   |   |                                  |                                       | Edition                         |                                    |
| Page No./Light No. etc   |   |                                  |                                       |                                 |                                    |
| Details:   |   |                                  |                                       |                                 |                                    |
|  |   |                                  |                                       |                                 |                                    |
|  |   |                                  |                                       |                                 |                                    |
|  |   |                                  |                                       |                                 |                                    |
| Limitations if any in Reporting the Changes Above  |   |                                  |                                       |                                 |                                    |
| Details of Documents/Photos attached:  |   |                                  |                                       |                                 |                                    |
| Signature of the Master/Reporter/Observer  |   |                                  |                                       |                                 |                                    |

| <b>HYDROGRAPHIC NOTE FOR PORT INFORMATION</b><br>(To accompany Form IH.102) |  |          |  | <b>IH.102A</b><br>(Revised 2012) |  |
|---|--|----------|--|----------------------------------|--|
|   |  |          |  |                                  |  |
| Date  |  |          |  | Ref. No.                         |  |
| Name of the Ship or Sender  |  |          |  |                                  |  |
| Address   |  |          |  |                                  |  |
| Tel/Fax/E-mail  |  |          |  |                                  |  |
| <b>1. NAME OF PORT</b>  |  |          |  |                                  |  |
| Location  |  | Latitude |  | Longitude                        |  |
| <b>2. GENERAL REMARKS</b>   |  |          |  |                                  |  |
| Principal activities and trade  |  |          |  |                                  |  |
| Number of ships and tonnage handled per year                                |  |          |  |                                  |  |
| Maximum size of draught of vessel handled                                   |  |          |  |                                  |  |
| Copy of Port handbook (if available)  |  |          |  |                                  |  |
| <b>3. ANCHORAGES</b>  |  |          |  |                                  |  |
| Type / Purpose  |  |          |  |                                  |  |
| Minimum depth at anchorage  |  |          |  |                                  |  |
| Shelter afforded  |  |          |  |                                  |  |
| Holding ground  |  |          |  |                                  |  |
| Recommended pilotage to the anchorage                                       |  |          |  |                                  |  |
| <b>4. PILOTAGE</b>  |  |          |  |                                  |  |
| Authority for request   |  |          |  |                                  |  |
| Embarkation position  |  |          |  |                                  |  |
| Regulations   |  |          |  |                                  |  |
| Documents to be provided  |  |          |  |                                  |  |
| Recommended pilotage to approach of Harbour and Berths                      |  |          |  |                                  |  |
| Information on VTMS   |  |          |  |                                  |  |
| <b>5. DIRECTIONS</b>  |  |          |  |                                  |  |
| Entry and Berthing Information  |  |          |  |                                  |  |
| Tides (Height)  |  |          |  |                                  |  |
| Tidal Stream Information  |  |          |  |                                  |  |
| Wind Speed and Direction  |  |          |  |                                  |  |
| Navigational Aids (Beacons / Buoys / Lights / Etc.)                         |  |          |  |                                  |  |
| <b>6. POLLUTION CONTROL</b>   |  |          |  |                                  |  |
| Local regulation in force (If Any)  |  |          |  |                                  |  |
| <b>7. TUGS</b>  |  |          |  |                                  |  |
| Number available / Tug type   |  |          |  |                                  |  |
| Maximum HP / Bollard pull   |  |          |  |                                  |  |

|  |  |
|--|--|
| <b>7. TUGS (Continued)</b>   |  |
| Requesting authority   |  |
| Availability timing / Communication  |  |
| Hiring charges   |  |
| <b>8. BERTHING AND WHARVES</b>   |  |
| Type & Number of berths available  |  |
| Length   |  |
| Depth alongside  |  |
| Facilities available   |  |
| Procedure for requesting berth & hiring charges                                    |  |
| <b>9. CARGO HANDLING</b>   |  |
| Containers   |  |
| Lighters & Ro-Ro etc.  |  |
| <b>10. CRANES</b>  |  |
| Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach |  |
| Container handling facilities  |  |
| <b>11. BRIDGES</b>   |  |
| Vertical clearance   |  |
| <b>12. REPAIRS</b>   |  |
| Hull machinery and underwater  |  |
| Ship and Boat yards  |  |
| Docking or Slipway facilities (Size/ Dimensions of vessels handled)                |  |
| Hards and Ramps  |  |
| Divers / Diving assistance   |  |
| <b>13. SERVICES</b>  |  |
| Radio / FAX / Telephone / Internet etc.  |  |
| Medical  |  |
| Quarantine   |  |
| Consul   |  |
| Ship chandlery and Stevedores  |  |
| Compass adjustment   |  |
| Tank cleaning  |  |
| Hull painting  |  |
| Police / Ambulance / Firefighting (Fixed and Mobile facilities)                    |  |
| Nav. Warning and Weather bulletin  |  |
| Garbage disposal / Waste oil disposal  |  |
| Helicopter landing facilities  |  |

|  |  |
|--|--|
| <b>14. RESCUE &amp; DISTRESS</b>   |  |
| Salvage, Lifeboat, Life guards, etc  |  |
| <b>15. SUPPLIES</b>  |  |
| Fuel (Type, Quantities & Method of delivery)   |  |
| Fresh water (Method of delivery and Rate of supply)  |  |
| Provisions   |  |
| Chart agents   |  |
| <b>16. COMMUNICATIONS</b>  |  |
| Road, Rail and Air services available  |  |
| Nearest airport or airfield  |  |
| Port Radio and Information Service (Frequencies and Operating Hours)                           |  |
| <b>17. PORT AUTHORITY</b>  |  |
| Designation, Address, Telephone, E-mail Address and Website                                    |  |
| <b>18. SECURITY</b>  |  |
| Security of ports / International Ship and Port Facility Security (ISPS) compliance            |  |
| Custom and Immigration Regulations in force  |  |
| <b>19. SMALL CRAFT FACILITIES</b>  |  |
| Information and facilities for small craft, yachts visiting the port                           |  |
| Yacht clubs, berths etc  |  |
| <b>20. SHORT LEAVE</b>   |  |
| <b>21. CLUBS RECREATION</b>  |  |
| Information Kiosk (Location)   |  |
| Foreign Exchange firms / Banks (Within / Near Port Area)                                       |  |
| Places of interest near port   |  |
| <b>22. VIEWS</b>   |  |
| Photographs(Duly annotated) of the approaches, leading marks, the entrance to the harbour etc. |  |
| <b>23. ADDITIONAL DETAILS</b>  |  |
| Any other information considered to be useful for the mariners                                 |  |
| <b>SIGNATURE OF THE<br/>OBSERVER / REPORTER /<br/>MASTER</b>                                   |  |



**FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR**

**Email: indsar@vsnl.net**

**NATION WIDE SAR TELE: 1554 (LAND LINE)**

**INMARSAT C (IOR) 441907210 CODE: 43 (TOLL FREE)**

**AFTN: VABBYXYC**