



# INDIAN NOTICES TO MARINERS FOR 2009

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

EDITION No. 16 DATED 16 AUG 2009

(CONTAINS NOTICES 273 TO 295)

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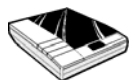
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**Mariner's Obligation and A Chart Maker's Plea.** Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Govt. of India at the above mentioned address/fax number/ E mail ID immediately on discovering new or suspected dangers to navigation, changes/defects pertaining to navigational aids, and short comings 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 N to M editions 1, 7, 13 and 19.

**Chief Hydrographer  
to the Government of India**

**National Hydrographic Office  
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Dehradun 248 001  
India**

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For the Indian Ocean Area  
INSIST ON INDIAN CHARTS AND  
PUBLICATIONS  
(Original, Authentic and Most Up-to-date)

## **EXPLANATORY NOTES**

**Corrections to Charts and Publications.** Section I comprises List of Charts affected by the notices contained in this edition. Where as 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 INT 1 (5020).
- (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. Sl 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. These corrections are not inserted on charts before they are issued to the users. 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 can not always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid over loading users; the less important information is included in the forthcoming edition of N to M or the Chart/publication concerned.

**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) Where ever 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 & 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.

**INDIAN CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE**

(a) **NEW EDITION INDIAN CHART**

| <i>Chart No.</i>          | <i>Date of Publication</i> | <i>Title, Limits &amp; Description</i>  | <i>Scale</i> | <i>Folio</i> | <i>Price</i> |
|---------------------------|----------------------------|---|--------------|--------------|--------------|
| <b>352<br/>(INT 7416)</b> | 31-07-2009                 | <b>GOPALPUR TO PARADIP</b><br><br><u>Limits</u><br>19° 07'.00N; 84° 54'.00E.<br>20° 48'.00N; 87° 47'.00E.           | 3,00,000     | 5            | Rs. 1527.00* |
| <b>353<br/>(INT 7413)</b> | 31-07-2009                 | <b>KALINGAPATNAM TO<br/>GOPALPUR</b><br><br><u>Limits</u><br>11° 42'.20N; 75° 15'.80E.<br>11° 52'.50N; 75° 32'.00E. | 3,00,000     | 5            | Rs. 1527.00* |

(b) **INDIAN CHARTS PERMANENTLY WITHDRAWN**

| <i>Chart No.</i>          | <i>Date of Publication</i> | <i>Title, Limits &amp; Description</i> | <i>On Publication<br/>of New Chart /<br/>Edition</i> | <i>Date of<br/>Publication</i> |
|---------------------------|----------------------------|--|--|--------------------------------|
| <b>352<br/>(INT 7416)</b> | 15-02-2002                 | <b>GOPALPUR TO PARADIP</b>             | <b>352<br/>(INT 7416)</b>                            | 31-07-2009                     |
| <b>353<br/>(INT 7413)</b> | 01-10-2001                 | <b>KALINGAPATNAM TO<br/>GOPALPUR</b>   | <b>353<br/>(INT 7413)</b>                            | 31-07-2009                     |

(c) **FORTHCOMING CHARTS**

| <i>Chart No</i> | <i>Title</i>  | <i>Scale</i> | <i>Remarks</i> |
|-----------------|---|--------------|----------------|
| <b>2036</b>     | <b>MURUD JANJIRA HARBOUR</b>                          | 25,000       | New Edition    |
| <b>2072</b>     | <b>APPROACHES TO SHIRALI AND<br/>BHATKAL</b>          | 37,500       | New Edition    |
| <b>3003</b>     | <b>PONDICHERRY ANCHORAGE</b>                          | 25,000       | New Edition    |
|                 | <b>CUDDALORE ANCHORAGE</b>                            | 25,000       |                |
| <b>3026</b>     | <b>APPROACHES TO VADAREVU AND<br/>NIZAMPATNAM BAY</b> | 80,000       | New Edition    |
| <b>2023</b>     | <b>KAVARATTI ISLAND</b>                               | 25,000       | New Edition    |
|                 | <b>KILTAN ISLAND</b>                                  | 25,000       |                |

\* Indicates revised rates w.e.f 01 Aug 2009. For more details please visit our website [www.hydrobharat.nic.in](http://www.hydrobharat.nic.in) .

**AVAILABILITY OF ENC's:**

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP) and UKHO. UKHO distributes Indian ENC's through the world wide net work of their agents and distributors. Details of UKHO agents / distributors may be obtained from UKHO web site [www.ukho.gov.uk](http://www.ukho.gov.uk) 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:

|   |  |   |
|---|--|---|
| <p>The Chief Hydrographer<br/>to the Government of India<br/>National Hydrographic Office<br/>107-A, Rajpur Road<br/>Dehradun- 248 001<br/>Tele: +91 135 2747365<br/>Fax: +91 135 2748373<br/>Email: <a href="mailto:incho@dataone.in">incho@dataone.in</a><br/>Website: <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a></p> | <p>Director,<br/>Jeppesen Marine<br/>Jeppesen India Pvt. Ltd.<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><br/>Website: <a href="http://www.c-map.co.in">www.c-map.co.in</a></p> | <p>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<br/>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></p> |
|---|--|---|

**SECTION – I****List of charts affected by****The Notices 273 to 295 contained in this Edition**

| <b>CHART NUMBER</b> | <b>FOLIO NO.</b> | <b>NOTICE NO.</b> |
|---------------------|------------------|-------------------|
| 21                  | 2                | 277               |
| 22 (INT 752)        | 3                | 286               |
| 41                  | 6                | 291               |
| 201                 | 2                | 274,276           |
| 202                 | 2                | 278               |
| 203 (INT 7319)      | 2                | 283               |
| 208                 | 2                | 285               |
| 213                 | 3                | 287               |
| 214                 | 3                | 286,287           |
| 225                 | 4                | 294               |
| 250                 | 2                | 274,275           |
| 251 (INT 7318)      | 2                | 274,276,277       |
| 252 (INT 7325)      | 2                | 280               |
| 254                 | 2                | 285               |
| 256 (INT 7340)      | 3                | 287               |
| 257 (INT 7343)      | 3                | 286,287           |
| 263 (INT 7383)      | 4                | 294               |
| 264                 | 4                | 294               |
| 271                 | 2                | 274,275,277,279   |
| 286                 | 1                | 293               |
| 288                 | 1                | 273               |
| 291                 | 2                | 274,276,277       |
| 293 (INT 7022)      | 3                | 286               |
| 2002 (INT 7351)     | 3                | 288               |
| 2027                | 2                | 283               |
| 2039                | 2                | 285               |
| 2063                | 4                | 294               |
| 2080                | 2                | 283               |
| 2082                | 2                | 285               |
| 2083                | 2                | 281               |
| 2100                | 2                | 284               |
| 4026                | 7                | 295               |
| 4027                | 7                | 295               |
| 7204 (INT 204)      | 1                | 292               |
| 7700 (INT 700)      | 1                | 292               |
| 7701 (INT 701)      | 1                | 292               |
| 7705 (INT 705)      | 1                | 273,282,286       |
| 7706 (INT 706)      | 1                | 289,290           |
| 8006                | 1                | 292               |
| 8010                | 1                | 293               |

**SECTION – II: PERMANENT NOTICES**  
**INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS**

**\* 273/(16/09) ARABIA – Iran – West Coast – Dashti Southwards – Wrecks.**

Source: NHO Dehradun & BA Chart 4705

(HJ/1132/78)

**Chart 288** [previous update 191/09]

Insert  27° 12'·98N., 51° 45'·72E.

**Chart 7705 (INT 705)** [previous update 261/09]

Delete  (a) 27° 15'·0N., 51° 45'·0E.  
 close S of: (a) above

**\* 274/(16/09) PAKISTAN – Kori Great Bank – Wari Creek, Kahr Creek – Wrecks.**

Source: NHO Dehradun and BA Chart 39.

(HJ/1131/32)

**Chart 291** [previous update 256/09]

Insert  23° 44'·39N., 67° 55'·19E.  
 23° 48'·12N., 67° 36'·16E.

**Chart 271** [previous update 236/09]

Insert  23° 44'·39N., 67° 55'·19E.  
 23° 48'·12N., 67° 36'·16E.

**Chart 251 (INT 7318)** [previous update 236/09]

Insert  23° 44'·39N., 67° 55'·19E.  
 23° 48'·12N., 67° 36'·16E.  
 23° 18'·80N., 67° 26'·10E.

**Chart 250** [previous update 204/09]

Insert  23° 48'·12N., 67° 36'·16E.  
 Delete  23° 51'·40N., 67° 33'·40E.

**Chart 201** [previous update 599/08]

Insert  23° 44'·39N., 67° 55'·19E.  
 23° 48'·12N., 67° 36'·16E.

**\* 275/(16/09) PAKISTAN – Mouth of the Indus – Khobar Creek – Depth.**

Source: NHO Dehradun

(HJ/1131/32)

**Chart 250** [previous update 274/09]

Insert *depth,  $Q_1$  enclosed by 0 m contour* 23° 59'·15N., 067° 22'·60E.

**Chart 271** [previous update 274/09]

Insert *depth,  $Q_1$  enclosed by 0 m contour* 23° 59'·15N., 067° 22'·60E.





**\*279/(16/09) INDIA – West Coast – Approaches to Gulf of Kachchh – Safety Fairway. Recommended Route.  
Legend. Note.**

Source: NHO Dehradun

(HJ/1131/10)

**Chart 271** [previous update 277/09]

Insert Pecked line, - - - - - , joining

(a) 21° 22'·70N., 69° 10'·00E. (E Border)

(b) 21° 37'·02N., 69° 00'·00E.

and

21° 36'·35N., 68° 58'·97E.

22° 16'·20N., 68° 44'·75E.

22° 01'·10N., 68° 16'·68E.

and

22° 03'·50N., 68° 15'·38E.

22° 17'·88N., 68° 42'·13E.

22° 24'·77N., 68° 14'·50E..

and

22° 27'·35N., 68° 15'·23E.

22° 20'·40N., 68° 43'·15E.


and

22° 16'·27N., 68° 47'·75E.

21° 37'·20N., 69° 01'·68E.

legend, *SAFETY FAIRWAY*(see note), centered on:

Legend, *Recommended Route* (see note) & *Traffic*

direction flow, , along

accompanying note, *SAFETY FAIRWAY & RECOMMENDED ROUTE* as suitable in the chart below the title

22° 10'·00N., 68° 48'·20E..

(a) – (b) above

**\* 280/(16/09) INDIA – West Coast – Jakhau to Dwarka – Wreck.**

Source: NHO Dehradun [INM 236/09]

(HJ/1131/21)

***Wreck of MSV Safina Hussain***

**Chart 252 (INT 7325)** [previous update 187/09]

Insert



22° 23'·99N., 68° 42'·32E

**\* 281/(16/09) INDIA – West Coast – Gulf of Kachchh – Sikka Creek – Wrecks.**

Source: NHO Dehradun [INM 74/05]

(HJ/1131/20)

**Chart 2083** [previous update 136/09]

Insert



22° 30'·74N., 69° 46'·19E.

**\* 282/(16/09) INDIA – West Coast – Off Veraval – Wreck.**

Source: NHO, Dehradun

(HJ/1130/09)

**Chart 7705 (INT 705)** [previous update 273/09]

Insert



20° 50'·6N., 70° 00'·6E

**\* 283/(16/09) INDIA – West Coast – Gulf of Kachchh – Rozi Anchorage – Wreck.**

Source: Gujrat Maritime Board

(HJ/1130/29)

**Wreck of Barge Sea Glory**

**Chart 203 (INT 7319)** [previous update 257/09]

Insert



22° 38'·44N., 70° 02'·06E

**Chart 2080** [previous update 257/09]

Insert



22° 38'·44N., 70° 02'·06E

**Chart 2027** [previous update NE 30 Jun 09]

Insert



22° 38'·48N., 70° 02'·05E

**\*284/(16/09) INDIA – West Coast – Port Pipavav – Legend. Pecked line.**

Source: Pipavav Port Authority

(HJ/1130/08)

**Chart 2100 (Plan – Pipavav Port)** [previous update 216/09]

Insert

Pecked line,-----, joining

20° 55'·225N., 71° 30'·980E.

20° 55'·290N., 71° 30'·920E.

legend, *Dredged to 11.5m (2006)*, centered on

20° 55'·330N., 71° 31'·040E.

Amend Maintained depth to, *13.5m (2009)*, centered on

20° 55'·045N., 71° 30'·755E

Dredged depth to, *13.5m (2009)*, centered on

20° 54'·785N., 71° 30'·383E

Dredged depth to, *14.5m (2009)*, centered on

20° 54'·570N., 71° 30'·305E

Dredged depth to, *14.5m (2009)*, centered on

20° 54'·130N., 71° 30'·050E.

**\* 285/(16/09) INDIA – West Coast – Dahej Harbour & Bhavnagar Port – Pilot boarding place. Light. Trestle.**

Source: NHO Dehradun [INP 1] & GCPTCL

(HJ/1130/17)

**Chart 254** [previous update 258/09]

Insert

'Firm line' joining:

21° 41'·45N., 72° 31'·70E

(Existing Trestle)

21° 41'·45N., 72° 30'·55E

★ Fl.R.5s.10M

21° 41'·47N., 72° 30'·64E

**Chart 208** [previous update 218/09]

Insert



21° 41'·42N., 72° 29'·51E

ⓘ Bhavnagar Port

21° 39'·37N., 72° 24'·91E

★ Fl.R.5s35m10M

21° 41'·47N., 72° 30'·64E

\* 285/(16/09) INDIA – West Coast – Dahej Harbour & Bhavnagar Port – Pilot boarding place. Light. Trestle.  
(Continued).

**Chart 2039** [previous update 217/09]

|        |                 |                           |
|--------|-----------------|---------------------------|
| Insert |                 | 21° 41'·42N., 72° 29'·51E |
|        | Bhavnagar Port  | 21° 39'·37N., 72° 24'·91E |
|        | ★ Fl.R.5s35m10M | 21° 41'·47N., 72° 30'·64E |

**Chart 2082** [previous update 140/09]

|        |                 |                           |
|--------|-----------------|---------------------------|
| Insert |                 | 21° 41'·42N., 72° 29'·51E |
|        | ★ Fl.R.5s35m10M | 21° 41'·47N., 72° 30'·64E |

**Chart 2082 (Plan)** [previous update 140/09]

|        |                 |                           |
|--------|-----------------|---------------------------|
| Insert | ★ Fl.R.5s35m10M | 21° 41'·47N., 72° 30'·64E |
|--------|-----------------|---------------------------|

\*286/(16/09) INDIA – West Coast – Approaches to Mormugoa – Wrecks. Light. Radio Beacon.Racon.

Source: NHO Dehradun

(HJ/1030/56)

**Chart 22 (INT 752)** [previous update 241/09]

|            |                   |                            |
|------------|-------------------|----------------------------|
| Substitute | 10 Wk for  5s Wks | 15° 25'·80N., 73° 44'·55E  |
| Delete     | RC ,at light      | 15° 29'·46N., 73° 46'·40E. |

**Chart 293 (INT 7022)** [previous update 264/09]

|            |                   |                            |
|------------|-------------------|----------------------------|
| Substitute | 10 Wk for  5s Wks | 15° 25'·80N., 73° 44'·55E  |
| Delete     | RC ,at light      | 15° 29'·46N., 73° 46'·40E. |
|            |                   | 15° 24'·40N., 73° 45'·20E. |

**Chart 257 (INT 7343)** [previous update 213/09]

|            |                                |                            |
|------------|--------------------------------|----------------------------|
| Insert     | PA                             | 15° 22'·30N., 73° 42'·50E. |
|            | 20 Wk                          | 15° 25'·22N., 73° 41'·70E. |
| Substitute | 10 Wk for  5s Wks              | 15° 25'·80N., 73° 44'·55E  |
| Delete     |                                | 15° 24'·40N., 73° 45'·20E. |
|            |                                | 15° 26'·13N., 73° 47'·05E  |
|            | Legend, (Sep to May), at light | 15° 29'·46N., 73° 46'·40E. |

**Chart 214** [previous update 213/09]

|            |                          |                               |
|------------|--------------------------|-------------------------------|
| Insert     | 20 Wk                    | 15° 25'·22N., 73° 41'·70E.    |
| Substitute | 10 Wk for                | 15° 25'·80N., 73° 44'·55E     |
| Delete     |                          | (a) 15° 26'·13N., 73° 47'·05E |
|            | Fl.R.3s, close NE of     | (a) above                     |
| Amend      | light to, Fl(3)20s85m27M | 15° 29'·46N., 73° 46'·40E     |

**Chart 7705 (INT 705)** [previous update 282/09]


|        |                     |                            |
|--------|---------------------|----------------------------|
| Insert | Racon 'O' ,at light | 15° 29'·46N., 73° 46'·40E. |
|--------|---------------------|----------------------------|

**\*287/(16/09) INDIA – West Coast – Malvan Anchorage – Wreck. Depths.**


Source: NHO Dehradun

(HJ/1030/66)

**Chart 256 (INT 7340)** [previous update 560/08]

Insert *depth, 8<sub>1</sub> enclosed by 10 m contour* 15° 56'·70N., 73° 27'·78E  
 Substitute *depth, 8<sub>1</sub> for*  16° 03'·20N., 73° 27'·00E.  
*depth, 8<sub>4</sub> enclosed by 10 m contour for depth 11m* 15° 52'·70N., 73° 28'·20E.

**Chart 257 (INT 7343)** [previous update 286/09]

Insert *depth, 8<sub>1</sub> enclosed by 10 m contour* 15° 56'·70N., 73° 27'·78E  
 Substitute *depth, 8<sub>1</sub> for*  16° 03'·20N., 73° 27'·00E.  
*depth, 8<sub>4</sub> enclosed by 10 m contour for depth 11m* 15° 52'·70N., 73° 28'·20E.

**Chart 214** [previous update 286/09]

Substitute *depth, 8<sub>4</sub> enclosed by 10 m contour for depth 11m* 15° 52'·70N., 73° 28'·20E.

**Chart 213** [previous update 482/08]

Substitute *depth, 8<sub>4</sub> enclosed by 10 m contour for depth 11m* 15° 52'·70N., 73° 28'·20E.

**\* 288/(16/09) INDIA – West Coast – Port of New Mangalore – Racon.**

Source: NHO Dehradun.

(HJ/1030/25)

**Chart 2002 (INT 7351)** [previous update NE 15 Jun 09]

Delete 'Racon', at fairway buoy 12° 54'·83N., 74° 44'·29E.  
 ODAS 12° 57'·77N., 74° 44'·35E.

**\* 289/(16/09) INDIA – East Coast – Approaches to The Sandheads – Depths.**

Source: Hydrographic Note, INS Kirch & INM 415/06.

(HJ/1129/00)

**Chart 7706 (INT 706)** [previous update 261/09] [ WGS 84 Datum]

Insert  Rep (2006) 20° 58'·99N., 89° 11'·31E.  
 Rep (2006) 21° 00'·23N., 89° 13'·34E.

**\* 290/(16/09) ANDAMAN SEA – Indian Andaman Island – Little Andaman Island to Ten Degree Channel – Depth. Rock.**

Source: INS Nirupak ROS M(N) 170 & INM 363/08

(HJ/1028/29)

**Chart 7706 (INT 706)** [previous update 289/09]

Delete  10° 26'·41N., 92° 22'·98E.  
 10° 59'·95N., 92° 29'·46E.

**\* 291/(16/09) BAY OF BENGAL AND ANDAMAN SEA – Coast of Burma – Wreck.**

Source: BA Notice 5157/05 & INM 534/05

(HJ/1128/53)

**Chart 41** [previous update 269/09]

Insert  15° 35'·0N., 96° 42'·0E.

**292/(16/09) INDIAN OCEAN – Durban North–eastwards and Mozambique, Ponta Caldeira to Beira including Ilha Epidendron, Ilha do Fogo, Vilhena, Ile Juan de Nova North-eastwards – Depths. Lights.**

Light List Vol. D&E(2003), D-6491, D-6562, D-6570, D-6580, D-6582, D-6586.

Source: BA Notice – 4147/09

(HJ/733/36)

**Chart 8006** [previous update 300/08]

|        |   |                          |
|--------|---|--------------------------|
| Insert | depth 45 enclosed by 100fm contour, <i>ED</i> | 16° 48′.5S., 43° 03′.0E. |
| Amend  | light to, Fl(3)R.10s18M                       | 16° 39′.5S., 39° 30′.0E. |
|        | light to, Fl(2)R.8s8M                         | 17° 05′.2S., 39° 06′.8E. |
|        | light to, Fl.WRG.12s10-14M                    | 17° 14′.0S., 38° 53′.0E. |
|        | light to, Fl(2)12s14M                         | 18° 05′.8S., 36° 55′.0E. |
|        | light to, LFl.12s7M                           | 19° 40′.0S., 35° 09′.5E. |

**Chart 7204 (INT 204)** [previous update 266/09]

Substitute  *Rep (1976)* for  29° 28′.9S., 31° 57′.0E.

**Chart 7700 (INT 700)** [previous update 094/09]

Substitute  *Rep (1976)* for  29° 28′.9S., 31° 57′.0E.

**Chart 7701 (INT 701)** [previous update NC 31 Jul 06]

Insert depth 83 enclosed by 200m contour, *ED* 16° 49′.0S., 43° 03′.0E.

**293/(16/09) GULF OF ADEN - Yemen - South Coast - Fish havens.**

Source: BA Notice – 4306/09.

(HJ/1033/32)

**Chart 286** [previous update 415/08]

|        |   |                          |
|--------|---|--------------------------|
| Insert |  | 13° 55′.7N., 48° 07′.1E. |
|        |   | 13° 56′.7N., 48° 13′.8E. |
|        |   | 13° 57′.5N., 48° 16′.5E. |
|        |   | 13° 56′.0N., 48° 21′.2E. |
|        |   | 13° 58′.5N., 48° 26′.4E. |

**Chart 8010** [previous update 116/09]

|        |   |                          |
|--------|---|--------------------------|
| Insert |  | 13° 43′.3N., 47° 35′.5E. |
|        |   | 13° 47′.7N., 47° 42′.8E. |
|        |   | 13° 54′.5N., 47° 57′.5E. |
|        |   | 13° 51′.1N., 47° 57′.3E. |
|        |   | 13° 55′.7N., 48° 07′.1E. |
|        |   | 13° 56′.7N., 48° 13′.8E. |
|        |   | 13° 57′.5N., 48° 16′.5E. |
|        |   | 13° 56′.0N., 48° 21′.2E. |
|        |   | 13° 58′.5N., 48° 26′.4E. |

**294/(16/09) SRI LANKA – West Coast – Approaches to Colombo – Kelani Gala Northwards – Pilot boarding places.**

Source: BA Notice – 4074/09

(HJ/930/60)


**Chart 264** [previous update 232/09]

Move , From: 6° 58′.3N., 79° 49′.3E.  
to: 6° 59′.3N., 79° 48′.2E.

**Chart 263 (INT 7383)** [previous update 232/09]

Move , From: 6° 58′.3N., 79° 49′.3E.  
to: 6° 59′.3N., 79° 48′.2E.

**Chart 225** [previous update 232/09]

Move , From: 6° 58′.4N., 79° 49′.5E.  
to: 6° 59′.3N., 79° 48′.2E.

**Chart 2063** [previous update 224/09]

Insert  6° 59′.30N., 79° 48′.30E.  
Delete former  6° 58′.63N., 79° 49′.14E.

**295/(16/09) MALAYSIA – Peninsular Malaysia, West Coast – Pulau Pinang – Pinang Harbour – Middle Bank Westwards – Buoy.**

Source: BA Notice – 4094/09

(HJ/927/59)

**Chart 4026** [previous update 194/09]

Insert  5° 22′.57N., 100° 19′.24E.

**Chart 4027** [previous update 181/09]

Insert  5° 22′.57N., 100° 19′.24E.

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

**NIL**

## SECTION – IV: MARINE INFORMATION

### MUMBAI NAVTEX COAST STATION

MSI Promulgation by Mumbai NAVTEX Coast Station position 19° 05'00 N, 072° 50'00 E is closed for maintenance.

(Source - NAVAREA VIII Warning 305/08)

### 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:-

|  |  |  |
|--|--|--|
| <p><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></p>                             | <p><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></p> | <p><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></p>                     |
| <p><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></p>                      | <p><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></p>   | <p><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></p> |
| <p><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></p> | <p><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></p>   |  |
| <p>* Indicates C Map Norway AS has changed name to <b>Jeppesen Marine Norway AS</b>.<br/>           Indicates C Map India has changed name to <b>Jeppesen India</b>.</p>   |  |  |

### TSUNAMI NOTICE

Major changes likely to have occurred in topography of coastline and bathymetry in Andaman & Nicobar islands, coasts of Andhra Pradesh, Tamilnadu, Kerala, Maldives and Srilanka as a consequence of recent earthquakes followed by Tsunami waves in South Asia. Number of uncharted wrecks/obstructions may also be encountered. Mariners are advised to exercise utmost caution and contact local authorities while approaching these areas.



## SECTION – V: RADIO NAVIGATIONAL WARNINGS IN FORCE

1. For details of NAVAREA limits and organization/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2008.

2. **NAVAREA Warnings in force:** - The serial numbers of all the NAVAREA warnings in force as on 13 Aug 09, covering the entire world are listed below against the respective NAVAREA.

| <u>NAVAREA No.</u> | <u>LOCATION</u> | <u>LAST NAVAREA</u> | <u>NAVAREA IN FORCE</u>  |
|--------------------|-----------------|---------------------|--|
| I                  | N.E. Atlantic   | 210                 | <b>2007 Series:</b> 019.<br><b>2008 Series:</b> 341 377 387.<br><b>2009 Series:</b> 055 146 150 170 172 175 179 180 185 186 187 188 189 200 201 205 207 209 210. |
| II                 | E. Atlantic     | 191                 | <b>2009 Series:</b> 104 150 167 168 183 186 188 189 190 191.   |
| III                | Mediterranean   | 307                 | <b>2008 Series:</b> 412 512.<br><b>2009 Series:</b> 176 186 217 223 231 250 251 262 272 278 281 282 288 294 295 298 299 304 305 306 307.                         |
| IV                 | N.W. Atlantic   | 294                 | <b>2009 Series:</b> Nil  |
| V                  | W. Atlantic     | 1648                | <b>2009 Series:</b> 876.   |
| VI                 | S.W. Atlantic   | 188                 | <b>2009 Series:</b> Nil.   |
| VII                | S.E. Atlantic   | 148                 | <b>2009 Series:</b> 028 101 122 125 126 128 131 143 144 147 148.   |
| VIII               | Indian Ocean    | 363                 | <b>2009 Series:</b> - 282 328 340 343 344 347 352 353 357 358 359 360 361 362 363 364 365 366  |

3. NAVAREA Warnings issued during the period from 31 Jul 09 to 13 Aug 09 (both dates inclusive) are as tabulated below:-

|   |
|---|
| <b>352. Indian Ocean – Western part.</b> Charts INT 71 INT 72 INT 701 INT702 and INT 703. Suspect activity noted at 1100 UTC on 30 Jul 09 in position 05-44.0N 050-06.0E approximately 95 nm ENE of Somalia.            |
| 2. All vessels operating in the area advised to maintain strict anti-piracy precautions.  |
| <b>353. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by naval coast battery from 0900 UTC to 1200 UTC and 1230 UTC to 1430 UTC on 07 Aug 2009. Danger area bounded by |
| (a) 09-57.50N 075-59.50E (b) 09-57.70N 076-14.20E   |
| (c) 09-44.00N 076-17.50E (d) 09-42.50N 076-09.50E   |
| 2. Safe flying height 10000 meters.   |
| 3. Cancel this message on 08 Aug 2009.  |
| <b>354 to 356. Cancelled.</b>   |
| <b>357. India West Coast – Mumbai Harbour.</b> Charts 21 22 211 255 292 293 2001 2016 2076 INT 705. Dredging in progress by TSHD Sulawesi-II (Indonesian Flag) in Mumbai port area bounded by.                          |
| 18-54.50N 072-53.63E 18-54.33N 072-53.06E   |
| 18-54.23N 072-52.68E 18-54.16N 072-52.35E   |
| 18-54.51N 072-52.21E 18-55.11N 072-51.78E   |
| 18-55.21N 072-51.96E 18-54.70N 072-52.36E   |
| 18-54.56N 072-53.16E 18-54.65N 072-53.63E   |
| 2. The dredged material will be dumped at dumping ground in position 18-55.00N 072-42.00E.  |
| 3. Wide berth requested.  |

**358. Cancel Navarea VIII message 279 and 356 of 2009. India West Coast – Arabian Sea.** Charts 21 22 202 207 209 211 251 254 253 255 271 291 292 293 INT 705 INT 706. Present position of oil rigs / drill ships as follows.

|                          |           |            |
|--------------------------|-----------|------------|
| ABAN II                  | 20-06.65N | 072-04.06E |
| ABAN III                 | 19-25.13N | 071-21.11E |
| ABAN IV                  | 18-40.36N | 072-21.46E |
| ABAN V                   | 18-48.40N | 072-20.00E |
| BADRINATH                | 18-36.36N | 071-21.93E |
| CE THROTON               | 19-20.48N | 072-12.11E |
| DISCOVERY 1              | 20-20.16N | 072-01.35E |
| ENERGY DRILLER           | 09-07.75N | 075-54.83E |
| FG McCLINTOCK            | 17-45.38N | 072-31.43E |
| JT ANGEL                 | 18-34.95N | 072-14.45E |
| KEDARNATH                | 20-43.31N | 072-38.81E |
| NOBLE GEORGE McLEOD      | 18-39.66N | 072-13.33E |
| NOBLE CHARLIE YESTER     | 19-27.50N | 071-22.93E |
| NOBLE ED HOLT            | 18-33.63N | 072-14.93E |
| PRIDE HAWAI              | 19-21.80N | 071-23.83E |
| PRIDE PENNSYLVANIA       | 19-18.21N | 071-15.95E |
| RANDOLPH YOST            | 18-29.85N | 072-15.00E |
| RON TAPMEYER             | 19-12.00N | 072-11.00E |
| SAGAR GAURAV             | 19-28.60N | 071-12.63E |
| SAGAR JYOTI              | 19-36.61N | 071-22.90E |
| SAGAR KIRAN              | 19-24.05N | 071-19.05E |
| SAGAR LAXMI              | 18-36.15N | 071-01.63E |
| SAGAR PRAGATI            | 19-38.26N | 071-19.93E |
| SAGAR SAMRAT             | 19-32.13N | 071-18.81E |
| SAGAR SHAKTI             | 19-32.65N | 071-21.35E |
| SAGAR UDAY               | 19-21.96N | 071-19.56E |
| TRIDENT – 2              | 18-37.23N | 072-14.93E |
| TRIDENT – 12             | 18-29.05N | 072-15.15E |
| VIRTUE 1                 | 19-23.48N | 071-25.18E |
| ENSCO 53                 | 19-22.38N | 072-00.60E |
| GREATDRILL CHETNA        | 20-32.57N | 072-08.66E |
| DHIRUBHAI DEEPWATER KG-1 | 09-57.00N | 075-12.00E |

2. Wide berth requested.

**359. Cancel Navarea VIII messages 280 301 and 341 of 2009. India East Coast– Bay of Bengal.** Charts 31 32 33 301 351 352 353 354 355 356 357 3009 INT 706. Present position of oil rigs / drill ships as follows.

|                       |           |            |
|-----------------------|-----------|------------|
| DISCOVERER SEVEN SEAS | 19-29.90N | 086-18.40E |
| DEEP SEA MATDRILL     | 16-22.11N | 081-57.75E |
| HERCULES 258          | 16-40.43N | 082-24.00E |
| HERCULES 260          | 16-19.26N | 081-46.98E |
| SAGAR BHUSHAN         | 16-15.63N | 082-11.21E |
| SAGAR RATNA           | 17-18.60N | 083-02.00E |
| DISCOVERER 534        | 11-31.06N | 080-09.76E |
| ATWOOD BEACON         | 16-40.00N | 082-28.00E |
| DEEP WATER FRONTIER   | 16-41.83N | 082-41.51E |
| PERRO NEGRO III       | 16-40.15N | 082-25.71E |
| DEEPWATER EXPEDITION  | 16-01.23N | 082-47.10E |
| ESSAR WILD CAT        | 16-41.80N | 082-31.75E |
| DEEP DRILLER 8        | 11-30.12N | 079-56.07E |

2. Wide berth requested.

| <p><b>360. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery from 0900 UTC to 1200 UTC on 11 Aug 0900 UTC to 1200 UTC and 1230 UTC to 1430 UTC on 14 Aug 2009 . Danger area bounded by.</p> <table> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </table> <p>2. Safe flying height 10000 meters.<br/>3. Cancel this message on 15 Aug 2009.</p>   | (a)                  | 09-57.50N  | 075-59.50E            | (b)                  | 09-57.70N             | 076-14.20E           | (c) | 09-44.00N | 076-17.50E | (d) | 09-42.50N | 076-09.50E |     |           |            |  |  |  |
|--|----------------------|------------|-----------------------|----------------------|-----------------------|----------------------|-----|-----------|------------|-----|-----------|------------|-----|-----------|------------|--|--|--|
| (a)  | 09-57.50N            | 075-59.50E | (b)                   | 09-57.70N            | 076-14.20E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (c)  | 09-44.00N            | 076-17.50E | (d)                   | 09-42.50N            | 076-09.50E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>361. India West Coast – Mormugao.</b> Charts 22 257 INT 705 INT 706. Firing practice by Naval aircraft between 0230 UTC to 1230 UTC from 14 Aug to 21 Aug 2009. Danger area bounded by.</p> <table> <tr> <td>(a)</td> <td>15-13.00N</td> <td>073-57.00E</td> <td>(b)</td> <td>15-13.00N</td> <td>073-52.00E</td> </tr> <tr> <td>(c)</td> <td>15-11.00N</td> <td>073-57.00E</td> <td>(d)</td> <td>15-11.00N</td> <td>073-52.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres.<br/>3. Cancel this message on 22 Aug 2009.</p>  | (a)                  | 15-13.00N  | 073-57.00E            | (b)                  | 15-13.00N             | 073-52.00E           | (c) | 15-11.00N | 073-57.00E | (d) | 15-11.00N | 073-52.00E |     |           |            |  |  |  |
| (a)  | 15-13.00N            | 073-57.00E | (b)                   | 15-13.00N            | 073-52.00E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (c)  | 15-11.00N            | 073-57.00E | (d)                   | 15-11.00N            | 073-52.00E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>362. India West Coast – Mormugao.</b> Charts 22 214 215 257 2020 2022 2078 INT 705. Firing exercise by Naval coast battery from position 15-24.60N 073-47.10E between 0430 UTC to 0530 UTC on 12 Aug 2009.</p> <p>2. Danger area sector of 10 Nm radius between 200 degree to 260 degree from the position.<br/>3. Safe flying height 6500 metres.<br/>4. Cancel this message on 13 Aug 2009.</p>  |                      |            |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>363. Self cancelling. Navarea VIII-warning inforce</b><br/>2009 SERIES - 282 328 340 343 344 347 352 353 357 358 359 360 361 362</p>   |                      |            |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>364. India East Coast - Gopalpur.</b> Charts 31 352 353 3005 INT 706. Firing exercise will be carried out on following dates.</p> <table> <thead> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>19 Aug to 22 Aug 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> <tr> <td>25 Aug to 29 Aug 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> </tbody> </table> <p>2. Danger area bounded by.</p> <table> <tr> <td>(a)</td> <td>19-14.60N</td> <td>084-53.70E</td> <td>(b)</td> <td>19-37.05N</td> <td>085-27.85E</td> </tr> <tr> <td>(c)</td> <td>18-46.05N</td> <td>085-22.86E</td> <td></td> <td></td> <td></td> </tr> </table> <p>and arc of 42 nm radius joining point (b) and (c).<br/>3. Safe flying height 6100 metres.<br/>4. Cancel this message on 30 Aug 2009.</p> | Date                 | Time       | 19 Aug to 22 Aug 2009 | 2330 UTC to 1800 UTC | 25 Aug to 29 Aug 2009 | 2330 UTC to 1800 UTC | (a) | 19-14.60N | 084-53.70E | (b) | 19-37.05N | 085-27.85E | (c) | 18-46.05N | 085-22.86E |  |  |  |
| Date   | Time                 |            |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| 19 Aug to 22 Aug 2009  | 2330 UTC to 1800 UTC |            |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| 25 Aug to 29 Aug 2009  | 2330 UTC to 1800 UTC |            |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (a)  | 19-14.60N            | 084-53.70E | (b)                   | 19-37.05N            | 085-27.85E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (c)  | 18-46.05N            | 085-22.86E |                       |                      |                       |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>365. India west coast - kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery from 0900 UTC to 1200 UTC on 18 Aug 0900 UTC to 1130 UTC and 1230 UTC to 1430 UTC on 21 Aug 2009. Danger area bounded by.</p> <table> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </table> <p>2. Safe flying height 10000 meters.<br/>3. Cancel this message on 22 Aug 2009.</p>  | (a)                  | 09-57.50N  | 075-59.50E            | (b)                  | 09-57.70N             | 076-14.20E           | (c) | 09-44.00N | 076-17.50E | (d) | 09-42.50N | 076-09.50E |     |           |            |  |  |  |
| (a)  | 09-57.50N            | 075-59.50E | (b)                   | 09-57.70N            | 076-14.20E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (c)  | 09-44.00N            | 076-17.50E | (d)                   | 09-42.50N            | 076-09.50E            |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| <p><b>366. India East Coast- Visakhapatnam.</b> Charts 31 32 308 354 3002 3012 INT 706. Seaward firing exercise by Naval coast battery from 0001 UTC to 0200 UTC and from 1500 UTC to 1700 UTC on 19 Aug 2009. Danger area bounded by.</p> <table> <tr> <td>(a)</td> <td>17-42.0N</td> <td>083-18.0E</td> <td>(b)</td> <td>17-47.0N</td> <td>083-32.0E</td> </tr> <tr> <td>(c)</td> <td>17-34.0N</td> <td>083-30.0E</td> <td>(d)</td> <td>17-28.0N</td> <td>083-18.0E</td> </tr> </table> <p>2. Safe flying height 13000 metres.<br/>3. Cancel this message on 20 Aug 2009.</p>  | (a)                  | 17-42.0N   | 083-18.0E             | (b)                  | 17-47.0N              | 083-32.0E            | (c) | 17-34.0N  | 083-30.0E  | (d) | 17-28.0N  | 083-18.0E  |     |           |            |  |  |  |
| (a)  | 17-42.0N             | 083-18.0E  | (b)                   | 17-47.0N             | 083-32.0E             |                      |     |           |            |     |           |            |     |           |            |  |  |  |
| (c)  | 17-34.0N             | 083-30.0E  | (d)                   | 17-28.0N             | 083-18.0E             |                      |     |           |            |     |           |            |     |           |            |  |  |  |

|   |
|---|
| <b>367. India West Coast- Off Kasaragod.</b> Charts 22 218 258 272 INT 705. MV Azraq -7 anchored in position 12-17.59N 074-50.25E. view non operational generator vessel without proper lighting .Dangerous for Navigation.<br>2 all vessels operating in vicinity to keep sharp look out and exercise caution. |
| <b>368. Self Cancelling. Navarea VIII-warning inforce</b><br>2009 SERIES - 282 328 340 344 347 352 357 358 359 360 361 364 365 366 367  |

| <u>NAVAREA No.</u> | <u>LOCATION</u>                       | <u>LAST NAVAREA</u> | <u>NAVAREA IN FORCE</u>   |
|--------------------|---------------------------------------|---------------------|---|
| IX                 | Persian Gulf, Red Sea, NW Arabian Sea | 105                 | <b>2007 Series:</b> 022 027 062 092 095 106 155 168 172 200 212 263 264 274 278.<br><b>2008 Series:</b> 002 006 007 021 022 027 044 045 046 051 061 065 066 069 070 076 077 086 087 088 089 094 095 099 100 101 102 104 105 106 107 108 128 176 179 182 191 202 207 211 213 216.<br><b>2009 Series:</b> 001 002 010 024 035 040 062 077 086 087 091 092 095 099 100 101 102 103 104 105.  |
| X                  | Australia, New Guinea                 | 013                 | <b>2009 Series:</b> 009 013.  |
| XI                 | Malacca Strait, China Sea, N. Pacific | 0507                | <b>2001 Series:</b> 0775.<br><b>2003 Series:</b> 0106.<br><b>2004 Series:</b> 0361.<br><b>2005 Series:</b> 0307.<br><b>2007 Series:</b> 0002 0093 0133 0309 0344 0366 0513 0519 0523 0557.<br><b>2008 Series:</b> 0054 0113 0160 0210 0219 0322 0347 0348 0349 0350 0352 0375 0380 0384 0398 0411 0475 0618 0675 0677.<br><b>2009 Series:</b> 0120 0125 0171 0215 0244 0251 0259 0265 0281 0311 0369 0426 0441 0463 0464 0466 0468 0474 0480 0481 0482 0483 0484 0487 0490 0491 0496 0497 0499 0500 0501 0502 0503 0504 0505 0506 0507. |
| XII                | N.E. Pacific                          | 348                 | <b>2009 Series:</b> Nil   |
| XIII               | N.W. Pacific                          | 026                 | <b>2009 Series:</b> Nil   |
| XIV                | S.W. Pacific                          | 028                 | <b>2009 Series:</b> Nil.  |
| XV                 | S.E. Pacific                          | 085                 | <b>2009 Series:</b> Nil   |
| XVI                | E. Pacific                            | 084                 | <b>2009 Series:</b> Nil   |
| Hydropacs          | Pacific, Indian Ocean                 | 1403                | <b>2008 Series:</b> 1140 1141 1473.<br><b>2009 Series:</b> 687  |
| Hydrolants         | Atlantic, Mediterranean               | 1489                | <b>2009 Series:</b> Nil   |

**SECTION – VI: CORRECTIONS TO SAILING DIRECTIONS (PILOTS)**

**Indian Notices to Mariners, Special Edition-2008**  
**Special Notice No-19 (Information about Radar Beacons)**

Page 154, (af) New Mangalore (Fairway Buoy),

*Delete entire paragraph.*

**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  |
|------------------|--|------------------------|-----------------|------------|----------------|---|--|
| <b>D7088-8</b>   | Port de Sainte Pierre. Jetty. Head               | 21 20-7 S<br>55 28-6 E | Fl(2)W 6s       | 3          | 3              |   |  |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>D7393-98</b>  | - Al-Khor Dock. Liquid Products<br>Berth. E      | 25 55-6 N<br>51 36-9 E | Fl R 2s         |            |                |   |  |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>D7393-99</b>  | - Al-Khor Dock. Liquid Products<br>Berth. Centre | 25 55-5 N<br>51 36-7 E | Fl R            |            |                |   |  |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>D7394</b>     | - Al-Khor Dock. Liquid Products<br>Berth. W      | 25 55-5 N<br>51 36-6 E | Fl R            |            |                |   |  |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>F0382-5</b>   | - Sikka Creek. Ldg Lts 130°. Front               | 22 29-5 N<br>69 50-9 E | Q W 1s          | ..         | 5              |   |  |
|                  | *  |                        | *               |            |                |   |  |
| <b>F0382-51</b>  | - Sikka Creek. Ldg Lts 130°. Rear                | 22 29-3 N<br>69 51-1 E | F W             | ..         | 5              |   |  |
|                  | *  |                        |                 |            |                |   |  |
| <b>F0606</b>     | - <b>Aguada</b>                                  | 15 29-5N<br>73 46-4E   | Fl(3)W 20s      | 85         | <b>27</b>      | White rectangular<br>concrete tower<br>22       | <i>fl 0.4, ec 3.5, fl 0.4,<br/>ec 3.5, fl 0.4, ec 11.8.</i>                              |
| --               |  | ..                     | Racon           | ..         | ..             | ..  | ILRS Vol 2 Station 79010   |
|                  | *  | *                      | *               | *          | *              | *   | *  |
| <b>F1224-1</b>   | - <b>Kabra Island</b>                            | 7 17-3 N<br>93 50-3E   | Fl(3)W 20s      | 12         | <b>20</b>      | White framework<br>tower, black bands<br>12     | <b>TE 2009</b>   |
|                  |  |                        |                 |            |                | *   |  |
| <b>F1617-2</b>   | - Southbound Route<br>(I)                        | 2 48-7 N<br>100 56-5 E | Q W 1s          | 13         | 11             | $\Delta$ on yellow buoyant<br>beacon, black top | Ra refl  |
| --               |  | ..                     | Racon           | ..         | ..             | ..  | ILRS Vol 2 Station 79920   |
|                  | *  |                        |                 |            |                |   | *  |
| <b>F9523-5</b>   | - WHP-C (I)                                      | 4 27-5 N<br>106 42-7 E | Lit             | ..         | ..             | Platform  | Numerous installations,<br>some marked by lights and<br>fog signals, exist in this field |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>F9523-52</b>  | - WHP-D (I)                                      | 4 24-6N<br>106 38-5E   | Lit             | ..         | ..             | Platform  |  |
| *                | *  | *                      | *               | *          | *              | *   | *  |
| <b>K1044-96</b>  | Remove from list                                 |                        |                 |            |                |   |  |
| <b>K1044-962</b> | Remove from list                                 |                        |                 |            |                |   |  |
| <b>K1120</b>     | Remove from list - Replaced by light buoy        |                        |                 |            |                |   |  |
| <b>K1128-7</b>   | Remove from list - Replaced by light buoy        |                        |                 |            |                |   |  |

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

**INP 31(1), 2005**

*(Last correction: Edition No. 07 dated 01 Apr 2009)*

**NIL**

**INP 31(2), 2007**

*(Last correction: Edition No. 14 dated 16 Jul 2009)*

**NIL**

**BA, VOLUME 3 Part 1, NP 283(1), 2006/07**

*(Last correction: Edition No. 15 dated 01Aug 2006)*

**NIL**

**INP 31(5), 1997**

*(Last correction: Edition No. 07 dated 01 Apr 09)*

**NIL**

**INP 31(6), 2005**

*(Last correction: Edition No. 14 dated 16 Jul 2009)*

**NIL**

## **SECTION – IX: REPORTING OF NAVIGATIONAL DANGERS**

*Instructions for raising Hydrographic Note (Form IH 102) [Enclosed with editions 1,7,13 & 19 of N to M]*

### **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,  
Post Box No. 75, Dehradun - 248 001  
(UTTARAKHAND), INDIA  
e-mail: - inho@dataone.in; inho\_marinesafety@dataone.in  
          inho\_navwarnings@dataone.in; inho\_helpdesk@dataone.in  
Fax No.: (0135) 2748373  
WEB: www.hydrobharat.nic.in

### **Instructions for filling up Form IH 102 (Enclosed with editions 1,7,13 & 19 of N to M)**

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. When a position is defined by bearings (true or magnetic to be specified) more than two bearings should be used in order to provide a check. Distances observed by Radar should be corrected for index errors. Latitude and Longitude obtained from GPS / DGPS should specify the datum (WGS 84 or other). A copy / tracing from the largest scale chart may be used for forwarding details, with the corrections and additions being shown thereon in red.

### **Depth Reporting**

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether 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 applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

5. Reports, which cannot be confirmed or are lacking in certain details should not be withheld. Limitations or shortcomings should be duly notified in the form.

6. Reports on shoal soundings, uncharted dangers and navigational aids out of order should be reported through fastest available means at the mariner's discretion, and also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 50 metres should be of sufficient importance to justify a radio message.

7. Port information should be forwarded on form IH 102a together with IH 102. Form 102a contains the information required for Sailing Direction and should be used as an *aide memoir*. Where there is insufficient space on the form, additional sheet should be used.

*Please Note:* - The receipt of all Hydrographic Notes will be duly acknowledged by the Hydrographic Office. Normally, the sender's ship or name is quoted as the source when the Notices to Mariners reporting the change is issued, unless the information is received through a foreign Notices to Mariners. Further communication from the Hydrographic Office to the sender of the hydrographic note will only be necessary to verify unusual features or abnormal values reported.



*To accompany Indian Notice to Mariners 000/09*  
*Chart 271*

**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 fairway in Arabian Sea have been promulgated due to increased weather related marine accidents and dense traffic.

**RECOMMENDED ROUTE**

Recommended routes are shown 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.