



INDIAN NOTICES TO MARINERS



EDITION NO. 20 DATED 16 OCT 2012

(CONTAINS NOTICES 240 TO 244)

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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

FEEDBACK: msis-inho-navy@nic.in



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 over loading 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 Chart that is available for mariners in the market are as follows:-

-Nil-

2. The forthcoming Indian Charts are as follows:-

| <i>Chart No</i> | <i>Title</i> | <i>Scale</i> | <i>Remarks</i> |
|---------------------------|---------------------------------|----------------|--------------------|
| 2045 (INT 7360) | PORT OF KOCHI | 7,500 | New Edition |
| 2004 (INT 7359) | KOCHI HARBOUR | 25,000 | New Edition |
| 2029 (INT 7358) | APPROACHES TO KOCHI | 60,000 | New Edition |
| 391 | CHENNAI TO KALINGAPATNAM | 75,000 | New Edition |
| 252 (INT 7325) | OKHA TO VERAVAL | 300,000 | New Edition |

3. The forthcoming Indian Publication is as follows:-

| <i>Title of Publication</i> | <i>Edition</i> |
|--|----------------|
| Indian List of Radio Signals – Volume 6 | 2012 |

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:

| | |
|---|---|
| The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in | Director, M/s JEPPESEN Norway AS PO Box 212 N-4379 Egersund Norway Tel: +47-51- 464 700 Fax: +47-51-464 701 Mob : +91-9322 238 542 Email: enc@jeppesen.com, info@c-map.co.in Website: www.jeppesen.com |
| United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk | Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-gerry.larsson-fedde@statkart.no Website: - www.primar.org |

SECTION – I

The lists of charts affected by the Notices 240 to 244 contained in this edition are as follows:

| CHART NUMBER | FOLIO NO. | NOTICE NO. |
|---------------------|------------------|-------------------|
| 21 | 2 | 244(T) |
| 22 (INT 752) | 3 | 244(T) |
| 23 | 1 | 244(T) |
| 31 | 5 | 243(T) |
| 32 (INT 754) | 5 | 243(T) |
| 33 | 5 | 243(T) |
| 41 (INT 757) | 6 | 243(T) |
| 268 (INT 7353) | 4 | 244(T) |
| 273 | 4 | 244(T) |
| 293 (INT 7022) | 3 | 244(T) |
| 321 | 7 | 242 |
| 322 | 7 | 242 |
| 404 | 6 | 243(T) |
| 405 | 6 | 243(T) |
| 436 | 7 | 241 |
| 472 (INT 7032) | 6 | 243(T) |
| 473 (INT 7031) | 6 | 243(T) |
| 3020 | 7 | 242 |
| 4002 | 6 | 243(T) |
| 7071 (INT 71) | 1 | 243(T), 244(T) |
| 7072 (INT 72) | 1 | 244(T) |
| 7073 (INT 73) | 1 | 243(T), 244(T) |
| 7703 (INT 703) | 1 | 244(T) |
| 7705 (INT 705) | 1 | 244(T) |
| 7706 (INT 706) | 1 | 243(T), 244(T) |
| 7707 (INT 707) | 1 | 243(T) |
| 8008 | 1 | 240 |

SECTION – II PERMANENT NOTICES

240/(20/12) TANZANIA – Cabo Delgado to Lamu Bay – Light.

Source: BA Notice 4596/12.

Chart 8008 [previous update 231/12] WGS 1984 DATUM

Insert  Fl.10s17M 08° 53′.60S., 39° 36′.00E.

241/(20/12) MALAYSIA – WEST COAST – Pinang Island to Sembilan Island – Spoil Ground.

Source: BA Notice 4412/12.

Chart 436 [previous update 140/11] WGS 1984 DATUM


Insert limit of spoil ground, pecked line, joining: 04° 08′.00N., 100° 25′.00E.
04° 09′.50N., 100° 25′.00E.
04° 09′.50N., 100° 26′.50E.
04° 08′.00N., 100° 26′.50E.
04° 08′.75N., 100° 25′.75E.

legend, *Spoil Ground*, centered on :

242/(20/12) BURMA – Mayu river to Kyaukpyu – Submarine Pipeline. Legend. Restricted Area. Cautionary Note.


Source: BA Notice 4453/12.


Chart 321 [previous update 088/12] WGS 1984 DATUM



Insert submarine pipeline, , joining: 19° 25′.60N., 93° 30′.40E. (S Border)

(a) 19° 27′.40N., 93° 28′.50E.
(b) 19° 41′.00N., 92° 34′.50E.
(c) 19° 40′.40N., 92° 32′.60E..

legend, *Gas*(see Note - PIPELINES), along: (a) – (b)above

limit of restricted area, , Joining: (d) 19° 42′.30N., 92° 37′.40E.
(e) 19° 36′.50N., 92° 39′.90E.
and
(f) 19° 32′.80N., 92° 30′.30E.
(g) 19° 38′.50N., 92° 27′.80E

semi – circular limit of restricted area, ,
radius 5M, centered on (c) above, joining: (d) above
(g) above

semi – circular limit of restricted area, ,
radius 5M, centred on 19° 34′.80N., 92° 35′.10E,
 wells (existing), joining: (e) above
(f) above

legend, *Shwe Gasfield* (see Note), close ESE of : (c) above
legend, *Mya Gasfield* (see Note), centered on : 19° 33′.60N., 92° 34′.20E.
accompanying note, PIPELINES, centered on: 20° 03′.80N., 93° 35′.60E.
accompanying note, GASFIELD, centered on: 20° 02′.70N., 93° 35′.60E.

242/(20/12) BURMA – Mayu river to Kyaukpyu – Submarine Pipeline. Legend. Restricted Area. Cautionary Note. Continued.

Chart 322 [previous update 088/12] WGS 1984 DATUM






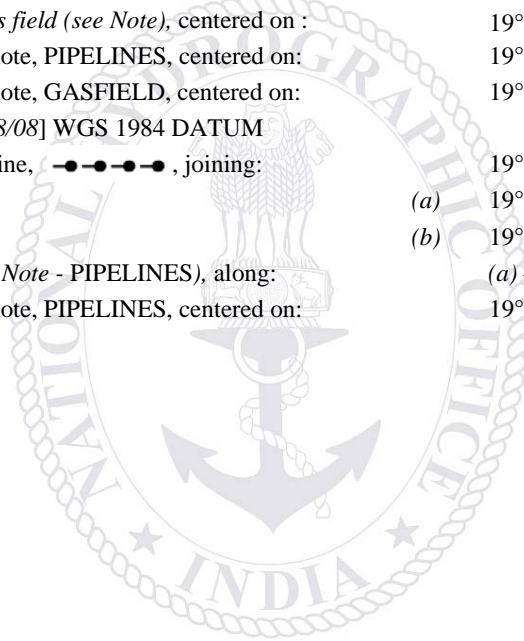
| | | |
|--------|---|---------------------------------------|
| Insert | submarine pipeline,  , joining: | 19° 25′.60N., 93° 30′.40E. (Shore) |
| | | (a) 19° 27′.40N., 93° 28′.50E. |
| | | (b) 19° 41′.00N., 92° 34′.50E. |
| | | (c) 19° 40′.40N., 92° 32′.60E.. |
| | legend, <i>Gas</i> (see Note - PIPELINES), along: | (a) – (b) above |
| | limit of restricted area,  , Joining: | 19° 42′.00N., 92° 37′.55E. (N Border) |
| | | (d) 19° 36′.50N., 92° 39′.90E. |
| | | and |
| | | (e) 19° 32′.80N., 92° 30′.30E. |
| | | 19° 38′.05N., 92° 28′.00E. (W Border) |
| | semi – circular limit of restricted area,  , | |
| | radius 5M, centered on 19° 34′.80N., 92° 35′.10E, | |
| |  wells (existing), joining: | (d) above |
| | | (e) above |
| | legend, <i>Shwe Gas field</i> (see Note), close ESE of : | (c) above |
| | legend, <i>Mya Gas field</i> (see Note), centered on : | 19° 33′.60N., 92° 34′.20E. |
| | accompanying note, PIPELINES, centered on: | 19° 07′.00N., 93° 45′.00E. |
| | accompanying note, GASFIELD, centered on: | 19° 06′.00N., 93° 45′.00E. |

Chart 3020 [previous update 268/08] WGS 1984 DATUM

| | | |
|--------|--|---|
| Insert | submarine pipeline,  , joining: | 19° 25′.60N., 93° 30′.40E. (Shore) |
| | | (a) 19° 27′.40N., 93° 28′.50E. |
| | | (b) 19° 28′.30N., 93° 24′.85E. (W Border) |
| | legend, <i>Gas</i> (see Note - PIPELINES), along: | (a) – (b) above |
| | accompanying note, PIPELINES, centered on: | 19° 23′.90N., 93° 35′.35E. |



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***243(T)/(20/12) INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.**

Source: NIOT Chennai, www.nbdc.noaa.gov, www.niot.res.in.

1. Following yellow coloured buoys characteristics FL(4)15s4M, 3m diameter and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

| Buoy No. | Position | Chart Affected |
|--------------------|-------------------------|--|
| BD02 MB | 18° 30′.00N 88° 00′.00E | 31, 7706 (INT 706) |
| BD07 MB | 06° 15′.00N 85° 53′.00E | 33, 7706 (INT 706), 7707 (INT 707) |
| BD08 OB- OMNI | 18° 10′.00N 89° 40′.00E | 31, 7706 (INT 706) |
| BD10 OB- OMNI | 16° 30′.00N 88° 00′.00E | 31, 7706 (INT 706) |
| BD11 OB- OMNI | 14° 12′.00N 82° 54′.00E | 31, 32 (INT 754), 33, 7706 (INT 706) |
| BD12 OB- OMNI | 10° 30′.00N 94° 00′.00E | 41 (INT 757), 33, 472 (INT 7032) |
| BD13 OB- OMNI | 11° 00′.00N 86° 30′.00E | 33, 7706 (INT 706) |
| *BD14 OB- OMNI | 08° 10′.42N 85° 28′.28E | 33, 7706 (INT 706) |
| *CB 01 | 11° 35′.33N 92° 35′.74E | 33, 404, 405, 41 (INT 757), 473 (INT 7031), 4002, 7071 (INT 71), 7073 (INT 73), 7706 (INT 706) |
| RP01 REEF BUOY | 11° 35′.00N 92° 36′.00E | 41 (INT 757), 33, 473 (INT 7031), 404, 405, 7706 (INT 706) |
| *TB03 TSUNAMI | 06° 15′.28N 88° 47′.52E | 33, 7706 (INT 706) |
| TB05 TSUNAMI | 11° 00′.00N 89° 30′.00E | 33, 7706 (INT 706) |
| TB08 TSUNAMI | 12° 30′.00N 85° 30′.00E | 33, 7706 (INT 706) |
| TB06 TSUNAMI | 15° 00′.00N 90° 00′.00E | 31, 7706 (INT 706) |
| *STB SA IC TSUNAMI | 08° 54′.30N 88° 32′.40E | 33, 7706 (INT 706) |

2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

3. All positions are in WGS 84 datum.

4. * Indicates new entry.

Former INM 211(T)/12 is cancelled.

***244(T)/(20/12) INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.**

Source: NIOT Chennai, www.nbdc.noaa.gov, www.niot.res.in.

1. Following yellow coloured data buoys characteristics FL(4)15s4M, 3m dia and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

| Buoy No. | Position | Charts affected |
|----------|----------------------------|---|
| AD02 MB | 15° 00′.00N., 69° 00′.00E. | 7705 (INT 705) |
| AD03 MB | 12° 00′.00N., 69° 00′.00E. | 7705 (INT 705) |
| AD04 MB | 08° 00′.00N., 73° 00′.00E. | 22 (INT 752), 23, 273, 7703 (INT 703), 7706 (INT 706) |
| AD05 MB | 10° 29′.00N., 72° 16′.00E. | 22 (INT 752), 268 (INT 7353), 273, 7703 (INT 703), 7705 (INT 705), 7706 (INT 706) |
| SW02 MB | 17° 21′.00N., 70° 42′.00E. | 22 (INT 752), 293 (INT 7022), 7705 (INT 705) |
| *STB 02 | 20° 47′.92N., 65° 20′.80E. | 21, 7071 (INT 71), 7072 (INT 72), 7073 (INT 73), 7705 (INT 705) |
| *CALVAL | 10° 34′.99N., 72° 16′.43E. | 22, 268, 273, 7071 (INT 71), 7072 (INT 72), 7073 (INT 73), 7703 (INT 703), 7705 (INT 705), 7706 (INT 706) |

2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

3. All positions are in WGS 84 datum.

4. * Indicates new entry.

Former INM 213(T)/12 is cancelled.

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, or 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 SOME ECDIS**

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, 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 for further information.

(Source - NAVAREA VIII Warning 141/12)

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

List of Indian Chart Agents.

| | |
|--|--|
| M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com | M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com |
| M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com | M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in |
| M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in | M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelengarai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in |
| M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com | M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in |
| M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in | M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com |
| M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in | M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in |

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings Inforce as on 15 Oct 12.

2011 SERIES – 442 596 708

2012 SERIES – 037 343 346 355 385 387 388 418 421 438 439 456 462 463 464 465 467 475
479 483 484 485 486 487 488 489 491 492 493 494 495 496 497

3. NAVAREA VIII Warnings issued during the period from 01 Oct to 15 Oct 12 (both dates inclusive) are as tabulated below: –

| |
|---|
| <p>474. India West Coast – off Mormugao. Chart 22 256 293 INT 71 INT 706. Firing practice by Naval ships between 0030 UTC to 0630 UTC on 06 Oct 12 in area bounded by:</p> <p>(a) 15-35N 072-08E (b) 15-11N 071-52E (c) 15-25N 071-25E (d) 15-50N 071-41E</p> <p>2. Safe flying height 3000 metres. 3. Cancel this MSG 060730 UTC Oct 12.</p> |
| <p>475. Africa East Coast – Pemba Channel. Charts 8008 INT 70 INT 71 INT 72 INT 701. Seismic survey by Pacific Explorer till 15 Nov 12 in area bounded by:</p> <p>(a) 04-19S 039-39E (b) 04-24S 039-48E (c) 05-02S 039-26E (d) 04-56S 039-18E</p> <p>2. The vessel will be towing under water equipment of length 6000 metres. End marked With yellow buoys and radar reflectors flashing white. 3. Caution advised and wide berth of 05 NM around the vessel requested. 4. Cancel this MSG 160001 UTC Nov 12.</p> |
| <p>476. India West Coast – Gulf of Kachchh. Charts 21 203 2068 2080 INT 705. Pollution response exercise level-II by coast guard from 0230 UTC to 1030 UTC on 04 OCT 12 in area bounded by:</p> <p>(a) 22-34N 069-40E (b) 22-34N 069-43E (c) 22-31N 069-43E (d) 22-31N 069-40E</p> <p>2. Caution advised. 3. Cancel this MSG 041130 UTC Oct 12.</p> |
| <p>477. India Lakshadweep – Androth Island. Charts 22 268 2007 INT 71 INT 707. Androth Lighthouse unlit.</p> |
| <p>478. India West Coast – off Azhikkal. Charts 22 218 258 2025 INT 706. Hydrographic Survey will be carried out from 08 Oct to 13 Oct 12 in area bounded by:</p> <p>(a) 11-59.58N 075-10.06E (b) 11-59.58N 075-14.25E (c) 12-01.30N 075-14.25E (d) 12-01.30N 075-10.06E</p> <p>2. Wide berth requested. 3. Cancel this MSG 140001 UTC Oct 12.</p> |
| <p>479. India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by army between 2330 UTC to 1800 UTC from 10 OCT TO 19 OCT 12 in area bounded by:</p> <p>(a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.85E (c) 18-46.05N 085-22.86E</p> <p>and arc of 41 NM radius joining point (b) and (c).</p> <p>2. Safe flying height 7000 metres. 3. Cancel this MSG 191900 UTC Oct 12.</p> |
| <p>480 Cancel NAVAREA VIII 477/12 and this MSG. Androth lighthouse operational.</p> |
| <p>481 NAVAREA VIII – MESSAGES IN FORCE AS ON 051002 UTC OCT 12 2011 SERIES – 442 596 708 2012 SERIES – 037 343 346 355 385 387 388 418 421 436 438 439 444 456 461 462 463 464 465 466 467 474 475 478 479 480</p> <p>(a) NAVAREA VIII Warnings less than 42 days old (418/12 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.</p> <p>2. Cancel this MSG 121002 UTC Oct 12.</p> |

| | | |
|--|----------------------|---------------------------|
| 482. Indian Ocean – off Sumatera. Charts INT 71 INT 73 INT 706 INT 707. Srilankan fishing boat Nethmi 2 (Registration No. IMUL-A-0468-TLE) reported adrift with 45 crews in vicinity 02-15N 089-58E on 051000 UTC Oct 12. | | |
| 2. Cancel this MSG 081000 UTC Oct 12. | | |
| 483. India West Coast – Gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Vessel M V Taiglory broken her anchor with 03 shackles in position 21-22.40N 072-14.70E | | |
| 2. Caution advised . | | |
| 484. India West Coast – Off Calicut. Charts 22 258 259 2053 INT 705. Hydrographic Survey will be carried out from 14 Oct to 05 Nov 12 in area bounded by: | | |
| (a) | 10-51.12N 074-37.30E | (b) 10-51.12N 076-00.48E |
| (c) | 11-37.30N 076-00.48E | (d) 11 -37.30N 074-37.30E |
| 2. Wide berth requested. | | |
| 3. Cancel this MSG 060001 UTC Nov 12. | | |
| 485 India West Coast-Arabian Sea. Charts 21 22 292 293 INT 705 INT 706. Rig list. Correct at 091001 UTC Oct 12: | | |
| ABAN ICE | 18-31.91N | 071-21.11E |
| ABAN III | 19-11.98N | 072-11.00E |
| ABAN IV | 19-40.40N | 071-19.38E |
| ABAN VII | 20-21.16N | 071-48.46E |
| BADRINATH | 19-11.16N | 070-39.66E |
| CE THRONTON | 19-34.68N | 071-20.08E |
| DEEP SEA FORTUNE | 18-39.66N | 072-13.33E |
| DEEP SEA FOSSIL | 19-33.13N | 071-16.35E |
| DISCOVERY-1 | 18-36.11N | 071-01.58E |
| ENERGY DRILLER | 18-46.03N | 071-25.41E |
| FG MC CLINTOK | 19-38.00N | 071-21.73E |
| GREATDRILL CHETNA | 20-44.07N | 071-55.05E |
| GREATDRILL CHITRA | 18-39.50N | 072-12.85E |
| JT ANGEL | 19-36.73N | 071-24.00E |
| KEDARNATH | 20-22.31N | 071-28.48E |
| NOBLE CHARLIE YESTER | 19-18.21N | 071-15.95E |
| NOBLE ED HOLT | 18-41.46N | 072-20.88E |
| RON TAPMEYER | 19-34.15N | 071-25.11E |
| SAGAR GAURAV | 19-16.81N | 072-11.73E |
| SAGAR KIRAN | 22-33.96N | 068-29.96E |
| SAGAR LAXMI | 18-36.15N | 071-01.63E |
| SAGAR PRAGATI | 18-32.26N | 072-15.43E |
| SAGAR SHAKTI | 19-10.40N | 071-26.43E |
| SAGAR JYOTI | 20-31.60N | 071-46.73E |
| TRIDENT – 2 | 19-32.35N | 071-20.91E |
| TRIDENT – 12 | 18-39.21N | 070-58.85E |
| VIRTUE 1 | 18-37.23N | 072-14.93E |
| wide berth requested. | | |
| 2. Cancel NAVAREA VIII 436/12. | | |
| 486. India East Coast – Bay of Bengal. Charts 31 32 33 41 354 355 357 391 INT 706. Rig list. Correct at 091002 UTC Oct 12: | | |
| ABAN II | 16-39.13N | 082-22.37E |
| ACTINIA | 16-07.35N | 081-54.73E |
| DEEP DRILLER-1 | 16-57.11N | 082-23.89E |
| DEEP SEA MATDRILL | 16-16.38N | 081-43.84E |
| DHIRUBHAI DEEPWATER KG-1 | 16-08.23N | 082-16.98E |
| GSF-140 | 16-31.68N | 082-28.43E |
| MG HULME JR | 16-35.70N | 082-27.09E |
| NOBLE DUCHESS | 16-16.45N | 082-11.86E |
| PLATINUM EXPLORER | 19-36.20N | 086-32.20E |
| PERRO NEGRO 3 | 11-30.12N | 079-56.06E |
| SAGAR VIJAY | 16-13.33N | 082-10.86E |
| SAGAR RATNA | 16-13.95N | 081-45.88E |
| wide berth requested. | | |
| 2. Cancel NAVAREA VIII 444/12. | | |

| |
|---|
| <p>487. India East Coast – Vishakhapatnam. Charts 31 32 308 354 391 3002 3012 INT 706. Seaward firing practice by Naval Coast Battery from 0001 UTC to 0200 UTC and 1500 UTC to 1630 UTC on 17 Oct 12 in area bounded by:</p> <p>(a) 17-42N 083-18E (b) 17-47N 083-32E (c) 17-34N 083-30E (d) 17-28N 083-18E</p> <p>2. Safe flying height 13000 metres. 4. Cancel this MSG 171730 UTC Oct 12.</p> |
| <p>488. India East Coast – off Kakinada. Charts 31 32 354 355 391 3009 INT 706. Hydrographic Survey will be carried out till 31 Oct 12 in area bounded by:</p> <p>(a) 16-48.50N 082-13.60E (b) 16-48.50N 082-32.00E (c) 17-09.00N 082-32.00E (d) 17-09.00N 082-13.60E</p> <p>2. Wide berth requested. 3. Cancel this MSG 010001 UTC Nov 12.</p> |
| <p>489. India West Coast – Suratkal. Charts 22 217 258 272 293 2002 2052 INT 705 INT 706. Suratkal DGPS off Air.</p> |
| <p>490. Indian Ocean – off Sumatera. Charts INT 71 INT 73 INT 706 INT 707. A blue Sri Lankan fishing vessel abandoned and adrift reported in vicinity 03-57.6S 091-05.3E at 110700 UTC Oct 12. 2. Cancel this MSG 140700 UTC Oct 12.</p> |
| <p>491 India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by army between 2330 UTC to 1800 UTC from 20 Oct to 31 Oct 12 in area bounded by:</p> <p>(a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.87E (c) 18-46.05N 085-22.87E and arc of 41 NM radius joining point (b) and (c).</p> <p>2. Safe flying height 25000 metres. 3. Cancel this MSG 311900 UTC Oct 12.</p> |
| <p>492. NAVAREA VIII – MESSAGES IN FORCE AS ON 121002 UTC OCT 12 2011 Series – 442 596 708 2012 Series – 037 343 346 355 385 387 388 418 421 438 439 456 462 463 464 465 467 475 478 479 483 484 485 486 487 488 489 490 491 (a) NAVAREA VIII Warnings less than 42 days old (438/12 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 191002 UTC Oct 12.</p> |
| <p>493 India West Coast – Port of New Mangalore. Charts 21 217 258 2002 2052 INT 71 INT 706. Fairway buoy of New Mangalore port reported sunk at position 12-54.81N 74-44.30E 2. Wide berth of 0.5 NM requested. 3. Caution Advised.</p> |
| <p>494. Indian Ocean – off Sri Lanka. Charts 23 INT 71 INT 707. Derelict fishing vessel reported adrift 02-36.6N 083-03.7E at 141720 UTC Oct 12. 2. Cancel this MSG 171720 UTC Oct 12.</p> |
| <p>495. India West Coast – off Mumbai. Charts 21 292 INT 705. STS lighterage operations shifted from LPO Vadinar to LPO Mumbai within 02 miles radius of 18-56.00N 072-24.00E 2. Cancel this msg.</p> |
| <p>496. India West Coast – Devgarh Harbour. Charts 22 213 256 293 2041 INT 71 INT 706. Hydrographic survey will be carried out till 24 Oct 12 in area bounded by:</p> <p>(a) 16-19.80N 073-14.80E (b) 16-19.80N 073-24.50E (c) 16-26.20N 073-24.50E (d) 16-26.20N 073-14.80E</p> <p>2. Caution advised. 3. Cancel this MSG 250001 UTC Oct 12.</p> |
| <p>497. Indian Ocean – off Rodrigues Island. Charts INT 71 INT 72 INT 702. Derelict sail boat Teiki white hull with white and grey deckhouse length 11.6 metres reported adrift 19-26.12S 065-58.04E at 150410 UTC Oct 12. 2. Cancel this MSG 180410 UTC Oct 12.</p> |

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

Bay of Bengal Pilot (INP-2)
Chapter -2 (Page – 114)
(Source: Kattupalli Port Trust)

Article 2.92a, Para 7

Delete line 1 and 2 and replace by

14 Communication Port control and port authority are available on VHF Ch 16 and 73 and tugs can be contacted on VHF Ch 16.

Insert at the end of Para 15

- (c) **Port Control, L&T Ports Kattupalli**
Telephone: +91(0)44 27968105
 +91(0)44 27968500
Fax: +91(0)44 27968515
E-mail: marine@lntkattupalliport.com

Chapter -3 (Page – 140)
(Source: DLL, Kolkata)

Article 3.17

Insert after Para 5

5a Pryagi light (19°28'.0 N, 85°10'.0 E) is exhibited from a white circular tower 32m in height, 7 nm NE of Chilka Canal mouth.

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

| No | Name & Location | Position (Lat-Long) | Characteristics | Ht. mts | Range miles | Structure & Height (mts) | Remarks |
|-----------------|--|--------------------------|-----------------|------------|----------------|--------------------------------|--------------------|
| D6658 | Rukyira Spit | 8 53.60 S 39 36.00E | Fl W 10s | .. | 17 | White tower, black bands 10 | |
| * | * | * | * | * | * | * | * |
| D7260 | Boosaaso (Bender Cassim). Ldg Lts 138°. Front | 11 17.10N 49 10.80E | Q R | .. | 8 | Red Δ on white post | PA. TE 2012 |
| | | | | | | | * |
| D7335.5 | - | 26 23.62N 56 24.74E | Fl(2)W 5s | 3 | 5 | ⊗ On black beacon, red band | TE 2012 |
| | | | | | | | * |
| | KHALIFA PORT | | | | | | |
| D7361.5 | - SM 2. E Breakwater. Head | 24 50.62 N 54 39.91 E | Q R | .. | .. | Red beacon | |
| * | * | * | * | * | * | * | * |
| D7361.6 | - SM 4. E Breakwater. | 24 50.29 N 54 40.20 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7361.7 | - SM 6. E Breakwater. | 24 49.95 N 54 40.50 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7361.8 | - SM 8. E Breakwater. Elbow | 24 49.66 N 54 40.77 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7361.9 | - SM 1A. W Breakwater. Head | 24 49.90 N 54 40.27 E | Q G | .. | .. | Green beacon | |
| * | * | * | * | * | * | * | * |
| D7362.1 | - SM 1. W Breakwater. | 24 49.78 N 54 40.20 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7362.2 | - SM 5. W Breakwater. | 24 49.33 N 54 39.59 E | Fl Y 5s | .. | .. | Yellow Beacon | |
| * | * | * | * | * | * | * | * |
| D7362.3 | - SM 9. W Breakwater. | 24 48.81 N 54 38.90 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7362.4 | - SM 11. W Breakwater. W Corner | 24 48.30 N 54 38.21 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7362.5 | - SM 13. W Breakwater. | 24 47.93 N 54 38.54 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7362.6 | - SM 15. W Breakwater. | 24 47.59 N 54 38.85 E | Fl Y 5s | .. | .. | Yellow beacon | |
| * | * | * | * | * | * | * | * |
| D7362.7 | - SM 21. | 24 49.06 N 54 39.83 E | Fl G 3s | .. | .. | Green beacon | |
| * | * | * | * | * | * | * | * |
| D7362.8 | - SM 12. EMAL Jetty. W Corner | 24 48.85 N 54 40.31 E | Fl R 3s | .. | .. | Red beacon | |
| * | * | * | * | * | * | * | * |
| D7362.81 | - SM 10. EMAL Jetty. E Corner | 24 49.13 N 54 40.69 E | Fl R 3s | .. | .. | Red beacon | |
| * | * | * | * | * | * | * | * |
| F0577.5 | Jaigarh Bay. Jaigarh Head. Breakwater. Head | 17 18.60 N 73 11.61 E | Fl W 10s | 20 | 5 | | |
| * | * | * | * | * | * | * | * |
| F0962.2 | Remove from list | | | | | | |
| F0962.4 | Remove from list | | | | | | |

7.2

| No | Name & Location | Position (Lat-Long) | Characteristics | Ht. mts | Range miles | Structure & Height (mts) | Remarks |
|------------|--|--------------------------|-----------------|---------|-------------|---|--|
| F1224.1 | -Kabra Island | 7 17.30N 93 50.30E | Fl(3)W 20s | 12 | 20 | White framework tower, black bands 12 | * |
| F1490 | - Pulau Tikus | 5 28.58N 100 17.82E | Fl W 3s | 15 | 10 | White stone column 7 | <i>fl 1.</i> Vis 097.8°-318.6° (220.8°) TE 2012 * |
| F 9309.55 | NW of Neelam Herra and Ratna Oilfield. B- 193-A-P | 18 55.59 N 72 02.49 E | Lit | .. | .. | Platform | Numerous installations some marked by lights and fog signals, exists in this field * |
| * | * | * | * | * | * | * | * |
| F 9309.551 | NW of Neelam Herra and Ratna Oilfield. B- 172-A | 19 00.63 N 72 11.95 E | Lit | .. | .. | Platform | Numerous installations some marked by lights and fog signals, exists in this field * |
| * | * | * | * | * | * | * | * |



SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 16 dated 16 Sep 2011)

NIL

INP 31(2), 2007

(Last correction: Edition No. 14 dated 16 Jul 12)

PAGE 25, OMAN Section

Insert new entry below **Jaza'ir Daymaniyat Lt Racon**

Syd Arne Felt Platform

23°42'.96 N 58°05'.54 E 76415

M

(Source: BA 41/12)

20/12

INP 31(5), 2011

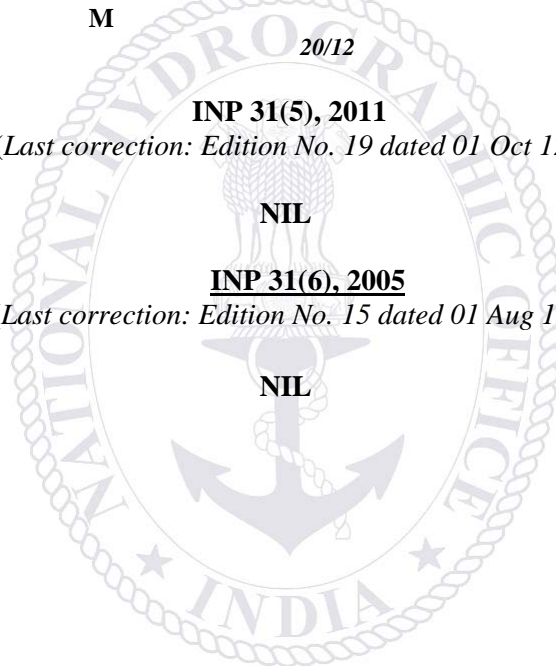
(Last correction: Edition No. 19 dated 01 Oct 12)

NIL

INP 31(6), 2005

(Last correction: Edition No. 15 dated 01 Aug 12)

NIL



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.

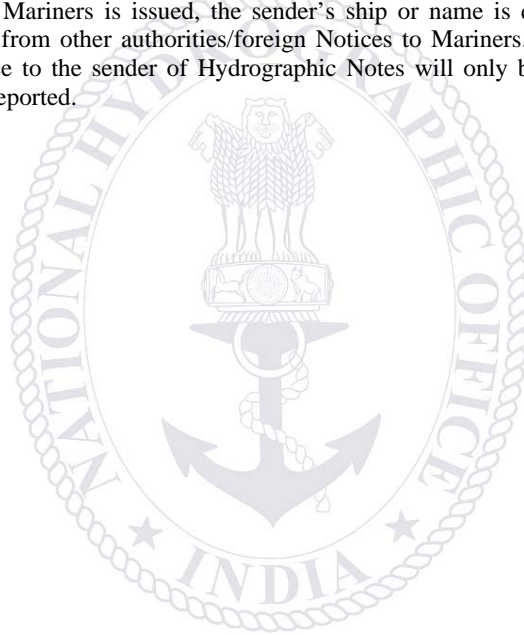
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be 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 (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 (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 (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 | | | | | |

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

| 7. TUGS (Continued) | |
|--|--|
| Requesting authority | |
| Availability timing / Communication | |
| Hiring charges | |
| 8. BERTHING AND WHARVES | |
| Type & Number of berths available | |
| Length | |
| Depth alongside | |
| Facilities available | |
| Procedure for requesting berth & hiring charges | |
| 9. CARGO HANDLING | |
| Containers | |
| Lighters & Ro-Ro etc. | |
| 10. CRANES | |
| Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach | |
| Container handling facilities | |
| 11. BRIDGES | |
| Vertical clearance | |
| 12. REPAIRS | |
| Hull machinery and underwater | |
| Ship and Boat yards | |
| Docking or Slipway facilities (Size/ Dimensions of vessels handled) | |
| Hards and Ramps | |
| Divers / Diving assistance | |
| 13. SERVICES | |
| 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 | |

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

To accompany Indian Notice to Mariners 242/12
Chart 321

PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines.

To accompany Indian Notice to Mariners 242/12
Chart 322

PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines.

To accompany Indian Notice to Mariners 242/12
Chart 321

GASFIELD

Numerous structures surface and submerged, sometimes marked by buoys, exist in the area indicated. These features are not all charted due to their complexity and frequent change

To accompany Indian Notice to Mariners 242/12
Chart 322

GASFIELD

Numerous structures surface and submerged, sometimes marked by buoys, exist in the area indicated. These features are not all charted due to their complexity and frequent change

To accompany Indian Notice to Mariners 242/12
Chart 3020

PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines.



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