



INDIAN NOTICES TO MARINERS



EDITION NO. 03 DATED 01 FEB 2014

(CONTAINS NOTICES 041 TO 049)

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WWW

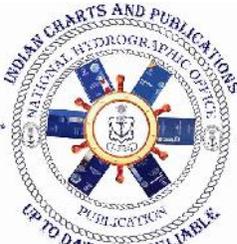
www.hydrobharat.nic.in

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

FEEDBACK: msis-incho-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 Charts that is available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2002 (INT 7351)	31-10-2013	PORTS OF NEW MANGLORE AND MANGLORE Limits 12° 49'.20N; 74° 43'.70E. 13° 00'.40N; 74° 50'.80E.	20,000	3	Rs. 1870.00
2046	31-10-2013	VENGURLA ANCHORAGE Limits 15° 47'.50N; 73° 30'.40E. 15° 54'.00N; 73° 39'.30E. REDI ANCHORAGE Limits 15° 40'.90N; 73° 33'.40E. 15° 47'.83N; 73° 42'.30E.	25,000	3	Rs. 1870.00
2111	30-11-2013	VIZHINJAM HARBOUR Limits 08° 21'.70N; 76° 57'.40E. 08° 23'.60N; 77° 00'.00E.	7,500	3	Rs. 1870.00

2. The Indian Chart permanently withdrawn is as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
2002	15-06-2009	PORTS OF NEW MANGLORE AND MANGLORE	2002	31-10-2013
2046	31-03-2004	VENGURLA ANCHORAGE REDI ANCHORAGE	2046	31-10-2013

3. The new Indian Electronic Navigational Charts that are available for mariners in the market are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52099M	2099	MALE ATOLL	16-01-2014

4. The forthcoming Indian Charts are as follows:-

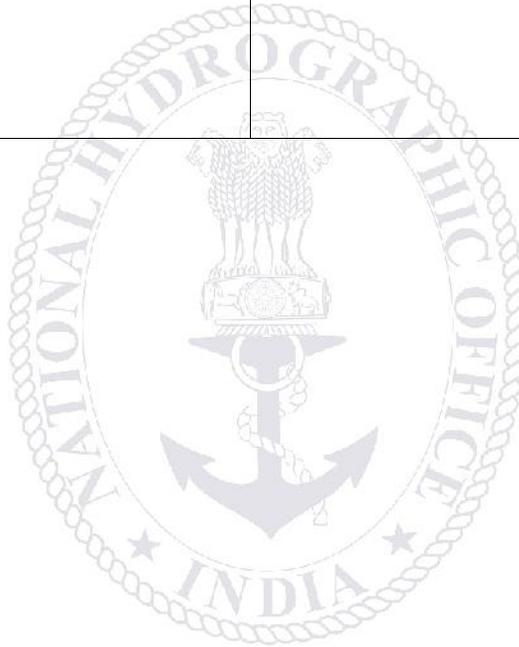
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2513	COETIVY ISLAND	37,500	New Chart
2506	GRAND BAY AND GRAND RIVIERE NOIRE BAY	25,000	New Chart
3034	APPROACHES TO KRISHNAPATNAM	50,000	New Chart
	KRISHNAPATNAM PORT	15,000	
2079 (INT7329)	APPROACHES TO MUNDRA PORT	37,500	New Chart
2031 (INT7326)	OKHA HARBOUR	37,500	New Chart
2507	GRAND PORT	12,500	New Chart
2099	MALE ATOLL	25,000	New Chart
2112	HAKDI CREEK (SANGHI JETTY)	5,000	New Chart

VI

Availability of ENCs.

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

United Kingdom Hydrographic Office 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	JEPPESEN MARINE Jeppesen Norway AS Hovalandsveien 52 P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: enc@jeppesen.com , info@c-map.co.no Website: www.jeppesen.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-data@ecc.no Website: - www.primar.org	



SECTION – I

The list of charts affected by the Notices 041 to 049 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	049 (T)
22 (INT 752)	3	049 (T)
23	1	049 (T)
32 (INT 754)	5	049 (T)
214	3	049 (T)
215	3	049 (T)
221	3	049 (T)
253 (INT 7328)	2	049 (T)
257 (INT 7343)	3	049 (T)
259 (INT 7356)	3	049 (T)
260 (INT 7362)	3	049 (T)
261	4	049 (T)
263 (INT 7383)	4	049 (T)
272	4	049 (T)
288	1	047
292 (INT 7021)	2	049 (T)
293 (INT 7022)	3	049 (T)
357 (INT 7397)	5	043
403 (INT 7437)	6	045
404	6	044, 045
436	7	048
473 (INT 7031)	6	045
2012	3	041, 042
3033	5	043
4001	6	045
4006	6	044
4012	6	044
4014	6	045
4016	6	044
8004	1	046

SECTION – II
PERMANENT NOTICES

***041/(03/14) Miscellaneous updates to chart.**

Source: NHO Dehradun.

Chart	Previous Updates	Details
2012	NE 31-08-2010	Insert Chart No. 2111 and Magenta limit as follows: North: 08° 21'·70N., East: 77° 00'·00E South: 08° 23'·60N., West: 76° 57'·40E

***042/(03/14) INDIA – WEST COAST – Vizhinjam Anchorage – Jetty. Legend.**

Source: NHO

Chart 2012 [previous update 041/14]

Insert	jetty, single firm line, joining:	08° 22'·55N., 76° 59'·26E. 08° 22'·57N., 76° 59'·28E. 08° 22'·54N., 76° 59'·33E. 08° 22'·51N., 76° 59'·31E.
Delete	Legend, “Under Construction (2009)”.	08° 22'·50N., 76° 59'·42E.

***043/(03/14) INDIA – EAST COAST – Karaikal Anchorage – Buoy.**

Source: IH- 102, Karaikal Port Trust.

Chart 357 (INT 7397) [previous update 126/13]

Delete	 Fl(5)Y.20s.4M WRB MKIII	10° 51'·76N., 79° 52'·78E.
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Chart 3033 [previous update NC 15-05-2013]

Delete	 Fl(5)Y.20s	10° 51'·76N., 79° 52'·78E.
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Chart 3033 (Plan) [previous update NC 15-05-201300]

Delete	 Fl(5)Y.20s	10° 51'·760N., 79° 52'·775E.
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***044/(03/14) INDIA – ANDAMAN ISLANDS – Port Blair – Inner Harbour– Wreck.**

Source: IH- 102, INS Investigator.

Chart 404 [previous update 062/13]

Insert	 19 Wk	11° 40'·73N., 92° 44'·23E.
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Chart 4006 [previous update 139/13]

Insert	 19 Wk	11° 40'·80N., 92° 44'·13E.
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Chart 4012 [previous update 147/12]

Insert	 19 Wk	11° 40'·80N., 92° 44'·13E.
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Chart 4016 [previous update 147/12]

Insert	 19 Wk	11° 40'·80N., 92° 44'·13E.
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***045/(03/14) INDIA – ANDAMAN ISLANDS – Elphinstone Harbour and Rangat Bay – Light.**

Source: IH- 102, INS Investigator.

Chart 403 (INT 7437) [previous update NC 31-10-2011]Delete  Fl(2)10s15m6M 12° 19'·40N., 92° 53'·72E.**Chart 404** [previous update 044/14]Delete  Fl(2)10s15m6M 12° 19'·30N., 92° 53'·80E.**Chart 473 (INT 7031)** [previous update 197/13]Delete  Fl(2)10s6M 12° 19'·30N., 92° 53'·80E.**Chart 4001** [previous update 247/10]Delete  Fl(2)10s15m6M 12° 19'·37N., 92° 53'·72E.**Chart 4014** [previous update 247/10]Delete  Fl(2)10s15m6M 12° 19'·38N., 92° 53'·72E.**046/(03/14) UNITED ARAB EMIRATES – Jask to Dubayy and Jazireh-Ye Qeshm – Wreck.**

Source: BA Notice 64/14

Chart 8004 [previous update 165/13]Insert  25° 53'·20N., 55° 54'·24E.**047/(03/14) UNITED ARAB EMIRATES – Qatar to Shatt Al Arab – Platforms.**

Source: BA Notice 454/14

Chart 288 [previous update 214/13]Insert  28° 09'·60N., 49° 59'·00E.

28° 10'·60N., 50° 01'·40E.

28° 10'·20N., 50° 02'·60E.

048/(03/14) MALAYSIA– WEST COAST – Pinang Island to Sembilan Islands – Wreck.

Source: BA Notice 370/14

Chart 436 [previous update 241/12] WGS 84 DatumInsert  03° 55'·38N., 100° 40'·44E.

SECTION – III**TEMPORARY AND PRELIMINARY NOTICES**

***049(T)/(03/14) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

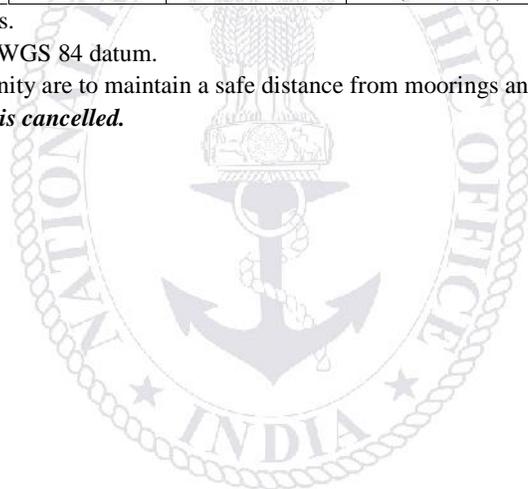
Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)	Charts affected
* OGS9	15° 12'.11N	72° 59'.31E	160	22(INT752) – 293(INT7022) – 257(INT7343) – 214 – 215.
* OGV1B	15° 12'.13N	72° 43'.15E	155	22(INT752) – 214 – 293(INT7022).
* OGV2B	15° 07'.37N	72° 44'.25E	410	22(INT752) – 214 – 293(INT7022).
* OGD9	15° 09'.84N	72° 45'.41E	175, 348, 851	22(INT 752) – 293(INT7022) – 214.
* OMD6	20° 00'.00N	69° 13'.92E	180, 350, 856	21 – 292(INT7021) – 253(INT7328).
* OBD2	13° 35'.67N	73° 14'.61E	163, 338, 840	22(INT752) – 257(INT7343) – 272 – 293 (INT7022)
* OBS3	13° 52'.23N	73° 24'.60E	165	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
* OKD6	09° 02'.74N	75° 26'.30E	174, 654	22(INT 752) – 259(INT 7356) – 221.
* OKS6	09° 00'.03N	75° 56'.88E	175	22(INT752) – 32(INT754) – 259(INT7356) – 260(INT7362) – 221.
* KKD5	06° 57'.85N	77° 24'.14E	372	22(INT752) – 23 – 32(INT754) – 261– 263(INT7383).

* Indicates new or revised entries.

2. All positions referred to WGS 84 datum.
3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
4. ***Former INM 258(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 icgmrcc_mumbai@mtnl.net . Any suspicious activity of skiffs / boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN ECDIS**

(a) Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, 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.

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

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

4. **SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME**

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

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

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

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

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

5. WORLD-WIDE NAVIGATIONAL WARNING SERVICE SECOND SURVEY TO ASSESS THE QUALITY OF MSI SERVICES

The International Hydrographic Organization's World-Wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of Maritime Safety Information broadcast via SAFETYNET and NAVTEX to identify measures to improve service. It provides an opportunity to comment on the quality of the content and reception of Navigational Warnings provided by each NAVAREA coordinator. Please visit <http://www.needtopopulatethis.com> to complete the short survey. The World Meteorological Organization offers a similar survey regarding the World-Wide Meteorological Information and warning service available at: www.jcomm.info/mmmms. Your participation is greatly appreciated and valued.

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:-

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	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	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
Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com	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	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
C-Map Holland Paleiskade 100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl		

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: cemarine@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: ewl-india@ewliner.com
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
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Engineering Logistics Executive Multi Services Door No: 61-4-45-A/4 Prakash Nagar Malkapuram Visakhapatnam - 530 014 Mob: +91 9133362541/9966244818 Email: elemulti.services69@yahoo.com	M/s L. R. MARINE SERVICES 301, 3rd Floor, Biry House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535 Fax: +91-22-6635 9148 Cell No: +91 8108926880/+91 98214 60258 Email: lrcharts@gmail.com , lrmarine@live.com

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings in force as on 31 Jan 14:

2013 SERIES – 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506 510
540 547 610 623 626 662 665 672 680 694 712 714 715 722

2014 SERIES – 005 011 015 023 026 037 038 042 052 058 059 060 062 063 064 065 066

3. NAVAREA VIII Warnings issued during the period from 16 Jan to 31 Jan 14 (both dates inclusive) are as tabulated below: –

028. Bay of Bengal – Off Rutland. Charts 33 41 405 473 INT 71 INT 706. White coloured fibre hull boat, orange wheel house MFV Bethel (Regd. NO.-ANB 271, length-18 metres) reported adrift in vicinity 11-25N 092-14E with five crew.

2. Vessels transiting through the area to keep sharp look out and render assistance.

029. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. Correct at 161002 UTC Jan 14

ABAN III	19-00.48N	072-09.07E
ABAN IV	19-06.83N	070-56.43E
ABAN ICE	18-39.65N	070-57.04E
BADRINATH	21-36.81N	068-35.17E
CE THROTON	19-32.35N	071-20.92E
DEEP SEA FORTUNE	19-31.74N	071-22.34E
DEEP SEA FOSSIL	19-18.20N	071-30.65E
DISCOVERY-1	18-38.20N	071-00.93E
DYNAMIC VISION	18-39.23N	070-58.87E
ENERGY DRILLER	18-11.38N	071-48.12E
ENSCO 54	19-16.46N	071-59.83E
FG MC CLINTOK	18-36.21N	072-13.99E
GREAT DRILLER CHAAYA	19-14.45N	070-58.88E
GREATDRILL CHITRA	19-34.15N	071-07.97E
KEDARNATH	21-03.42N	072-24.68E
NOBLE ED HOLT	18-55.59N	072-02.48E
NOBLE KENNETH DELANEY	18-47.21N	072-19.52E
SAGAR GAURAV	20-19.56N	071-18.67E
SAGAR JYOTI	22-40.95N	068-30.27E
SAGAR KIRAN	19-21.67N	071-11.78E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-55.76N	071-31.60E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER V	19-32.20N	071-17.80E
SUNDOWNER VI	19-34.72N	071-20.65E
SUNDOWNER VII	18-36.36N	072-15.80E
TRIDENT II	19-10.61N	070-57.70E
TRIDENT XII	18-57.44N	072-15.10E

Wide berth requested

2. Cancel NAVAREA VIII 022/14.

030.	India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 161003 UTC Jan 14.		
	ABAN II	16-39.12N	082-22.73E
	ACTINIA	16-33.72N	082-28.35E
	DEEP SEA MATDRILL	16-24.55N	082-02.92E
	DSR DHIRUBHAI DEEPWATER KG-1	16-31.90N	082-33.60E
	DSR DHIRUBHAI DEEPWATER KG-2	16-31.38N	082-31.82E
	DSR PLATINUM EXPLORER	17-05.00N	082-32.00E
	GSF-140	16-27.12N	082-28.43E
	HERCULES TRIUMPH	16-28.46N	082-12.60E
	MG HULME JR	16-35.05N	082-25.35E
	NOBLE DUCHESS	16-07.06N	081-41.85E
	SAGAR RATNA	16-12.99N	081-43.41E
	D S SAGAR VIJAY	16-19.08N	082-16.00E
	DSR GSF EXPLORER	16-25.27N	082-23.81E
	SAGAR BHUSHAN	16-33.29N	082-23.76E
	Wide berth requested		
2.	Cancel NAVAREA VIII 711/13.		
031.	India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 170400 UTC Jan 14.		
	ABAN II	16-39.12N	082-22.73E
	ACTINIA	16-33.72N	082-28.35E
	DEEP SEA MATDRILL	16-24.55N	082-02.92E
	DSR DHIRUBHAI DEEPWATER KG-1	16-31.90N	082-33.60E
	DSR DHIRUBHAI DEEPWATER KG-2	16-31.38N	082-31.82E
	DSR PLATINUM EXPLORER	17-05.00N	082-32.00E
	GSF-140	16-27.12N	082-28.43E
	HERCULES TRIUMPH	16-28.46N	082-12.60E
	MG HULME JR	16-35.05N	082-25.35E
	NOBLE DUCHESS	16-07.06N	081-41.85E
	SAGAR RATNA	15-17.29N	080-08.50E
	D S SAGAR VIJAY	16-19.08N	082-16.00E
	DSR GSF EXPLORER	16-25.27N	082-23.81E
	SAGAR BHUSHAN	16-33.29N	082-23.76E
	Wide berth requested.		
2.	Cancel NAVAREA VIII 030/14.		
032.	India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval coast battery between 0530 UTC to 0730 UTC on 24 Jan 14		
2.	Danger area from 300 degree to 020 degree up to 12 NM seaward from position 22-28.03N 069-04.98E		
3.	Safe flying height 13000 metres		
4.	Cancel this MSG 240830 UTC Jan 14.		
033.	NAVAREA VIII – Messages in force as on 171002 UTC Jan 14		
	2013 Series – 008 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506		
	510 540 547 610 623 626 662 665 669 672 680 694 703 712 714 715 720 722 727 728		
	2014 Series – 005 011 012 015 018 019 021 023 026 027 028 029 031 032		
(a)	NAVAREA VIII Warnings less than 42 days old (680/13 onward) are promulgated via SafetyNET		
(b)	Text of NAVAREA VIII Warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in		
(c)	Texts of NAVAREA VIII warnings are also printed in section V of Fortnightly editions of Indian Notices to Mariners		
2.	Cancel this MSG 241002 UTC Jan 14.		
034.	India East Coast- Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 171100 UTC Jan 14		
	ABAN II	16-39.12N	082-22.73E
	ACTINIA	16-33.72N	082-28.35E
	DEEP SEA MATDRILL	16-24.55N	082-02.92E
	DSR DHIRUBHAI DEEPWATER KG-1	16-31.90N	082-33.60E
	DSR DHIRUBHAI DEEPWATER KG-2	16-41.34N	082-41.53E
	DSR PLATINUM EXPLORER	17-05.00N	082-32.00E
	GSF-140	16-27.12N	082-28.43E
	HERCULES TRIUMPH	16-28.46N	082-12.60E
	MG HULME JR	16-35.05N	082-25.35E

034. India East Coast- Bay of Bengal. Continued.				
NOBLE DUCHESS	16-07.06N		081-41.85E	
SAGAR RATNA	15-17.29N		080-08.50E	
D S SAGAR VIJAY	16-19.08N		082-16.00E	
DSR GSF EXPLORER	16-25.27N		082-23.81E	
SAGAR BHUSHAN	16-33.29N		082-23.76E	
Wide berth requested				
2. Cancel NAVAREA VIII 031/14.				
035. India East Coast – Bay of Bengal. Charts 32 33 INT 71 INT 73 INT 706. Indian fishing boat Theppan reported adrift in vicinity 10-41.17N 082-38.20E with three crew.				
2. Vessels transiting through the area to keep sharp look out and render assistance.				
036. Cancel NAVAREA VIII 028/14 and this MSG.				
037. Bay of Bengal – Northern Portion. Charts 31 371 INT 71 INT 73 INT 706. Survey Vessel MV Ramform explorer is carrying out 3D marine seismic acquisition survey till 10 Mar 14 in area bounded by				
(a) 19-58.61N 091-49.03E	(b) 19-54.81N	091-55.93E		
(c) 19-39.20N 092-05.70E	(d) 19-36.01N	092-03.35E		
(e) 19-36.05N 091-45.45E	(f) 19-45.58N	091-39.55E		
2. Wide berth OF 03 NM around the area requested.				
3. Cancel this MSG 110001UTC Mar 14.				
038. Bay of Bengal – Andaman Sea. Charts 41 INT 71 INT 73 INT 706. Sub-marine pipe line construction and Yetagun D platform installation is in progress till 31 Mar 14 in area bounded by				
(a) 13-02.98N 096-52.01E	(b) 13-02.98N	096-52.05E		
(c) 13-08.76N 096-52.68E	(d) 13-08.76N	096-52.65E		
2. Wide berth of 03 NM around the area requested.				
3. Cancel this MSG 010001 UTC Apr 14.				
039 Cancel NAVAREA VIII 035/14 and this MSG.				
040. Cancel NAVAREA VIII 703/13, 012/14, 018/14 and this MSG.				
041. Cancel NAVAREA VIII 008/13 and this MSG. Campbell bay DGPS transmission reliable.				
042. India West Coast – Gulf of Khambhat. Charts 21 208 292 2102 2039 INT 705. Hydrographic Survey will be carried out from 25 Jan to 14 Mar 14 in area bounded by.				
(a) 21-29.83N 072-10.76E	(b) 21-29.83N	072-38.96E		
(c) 21-49.03N 072-38.96E	(d) 21-49.03N	072-10.76E		
2. Wide berth requested				
3. Cancel this MSG 150001 UTC Mar 14.				
043. India West Coast – Arabian Sea. Charts 22 272 293 INT 71 INT 705. Firing by Naval Ships in area bounded by				
<u>Primary area (280030 UTC Jan to 281030 UTC Jan 14)</u>				
(a) 17-08N 069-40E	(b) 16-34N	070-46E		
(c) 14-22N 068-56E	(d) 15-24N	066-38E		
<u>Secondary area (290030 UTC Jan to 291030 UTC Jan 14)</u>				
(a) 14-30N 071-00E	(b) 14-30N	072-40E		
(c) 11-20N 072-40E	(d) 11-20N	071-45E		
(e) 13-20N 071-00E				
2. Safe flying height 22000 metres				
3. Cancel this MSG 291130 UTC Jan 14.				
044. Andaman Sea – Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0300 UTC to 0600 UTC on 29 Jan 14 in area bounded by.				
(a) 11-39.7N 092-46.3E	(b) 11-40.6N	092-47.0E		
(c) 11-38.7N 092-53.1E	(d) 11-32.9N	092-48.3E		
2. Safe flying height 5000 Metres				
3. Cancel this MSG 290700 UTC Jan 14.				

045. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig List.
Correct at 221002 UTC Jan 14.

ABAN III	19-00.48N	072-09.07E
ABAN IV	19-06.83N	070-56.43E
ABAN ICE	18-39.65N	070-57.04E
BADRINATH	21-36.81N	068-35.17E
CE THRONTON	19-32.35N	071-20.92E
DEEP SEA FORTUNE	19-31.74N	071-22.34E
DEEP SEA FOSSIL	19-18.20N	071-30.65E
DISCOVERY-1	18-38.20N	071-00.93E
DYNAMIC VISION	18-39.23N	070-58.87E
ENERGY DRILLER	18-11.38N	071-48.12E
ENSCO 54	19-20.44N	071-58.33E
FG MC CLINTOK	18-36.21N	072-13.99E
GREAT DRILLER CHAAYA	19-14.45N	070-58.88E
GREATDRILL CHITRA	19-34.15N	071-07.97E
KEDARNATH	21-03.42N	072-24.68E
NOBLE ED HOLT	18-55.59N	072-02.48E
NOBLE KENNETH DELANEY	18-47.21N	072-19.52E
SAGAR GAURAV	20-19.56N	071-18.67E
SAGAR JYOTI	22-40.95N	068-30.27E
SAGAR KIRAN	19-21.67N	071-11.78E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-55.76N	071-31.60E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER V	19-32.20N	071-17.80E
SUNDOWNER VI	19-34.72N	071-20.65E
SUNDOWNER VII	18-36.36N	072-15.80E
TRIDENT II	19-10.61N	070-57.70E
TRIDENT XII	18-57.44N	072-15.10E
VICTORY DRILLER	19-38.00N	071-21.44E
Wide berth requested		

2. Cancel NAVAREA VIII 029/14.

046. India East Coast – Bay of Bengal. Charts 31 32 INT 71 INT 73 INT 706. Sri Lankan fishing vessel Mangala-03 (Regd No. IMUL-A-0040-TCO) reported adrift in vicinity 14-34N 085-48E with five crew since 21 Jan 14.

2. Vessels transiting through the area to keep sharp look out and render assistance.

047. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list.
Correct at 231301 UTC Jan 14

ABAN III	19-00.48N	072-09.07E
ABAN IV	19-06.83N	070-56.43E
ABAN ICE	18-39.65N	070-57.04E
BADRINATH	21-36.81N	068-35.17E
CE THRONTON	19-32.35N	071-20.92E
DEEP SEA FORTUNE	19-22.29N	071-03.62E
DEEP SEA FOSSIL	19-18.20N	071-30.65E
DISCOVERY-1	18-38.20N	071-00.93E
DYNAMIC VISION	18-39.23N	070-58.87E
ENERGY DRILLER	18-11.38N	071-48.12E
ENSCO 54	19-20.44N	071-58.33E
FG MC CLINTOK	18-36.21N	072-13.99E
GREAT DRILLER CHAAYA	19-14.45N	070-58.88E
GREATDRILL CHITRA	19-34.15N	071-07.97E
KEDARNATH	21-03.42N	072-24.68E
NOBLE ED HOLT	18-55.59N	072-02.48E
NOBLE KENNETH DELANEY	18-47.21N	072-19.52E
SAGAR GAURAV	20-19.56N	071-18.67E
SAGAR JYOTI	22-40.95N	068-30.27E
SAGAR KIRAN	19-21.67N	071-11.78E
SAGAR PRAGATI	20-55.76N	071-31.60E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER V	19-32.20N	071-17.80E
SUNDOWNER VI	19-34.72N	071-20.65E
SUNDOWNER VII	18-36.36N	072-15.80E
TRIDENT II	19-10.61N	070-57.70E
TRIDENT XII	18-57.44N	072-15.10E
VICTORY DRILLER	19-38.00N	071-21.44E
Wide berth requested		

2. Cancel NAVAREA VIII 045/14.

<p>048. Indian Ocean – Southern Portion. Charts 23 INT 71 INT 706 INT 707. Blue and white coloured Sri Lankan fishing vessel Nimesh Duwa (Regd No. IMUL-A-0639-CHW, length-15.24 metres) reported adrift in vicinity 03-24N 077-34E with seven crew at 23 Jan 14.</p> <p>2. Vessels transiting through the area to keep sharp look out and render assistance.</p>																																										
<p>049. Cancel NAVAREA VIII 044/14. Andaman Sea – Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0830 UTC to 1130 UTC on 29 Jan 14 in area bounded by</p> <table> <tr> <td>(a)</td> <td>11-39.7N</td> <td>092-46.3E</td> <td>(b)</td> <td>11-40.6N</td> <td>092-47.0E</td> </tr> <tr> <td>(c)</td> <td>11-38.7N</td> <td>092-53.1E</td> <td>(d)</td> <td>11-32.9N</td> <td>092-48.3E</td> </tr> </table> <p>2. Safe flying height 5000 metres</p> <p>3. Cancel this MSG 291230 UTC Jan 14.</p>	(a)	11-39.7N	092-46.3E	(b)	11-40.6N	092-47.0E	(c)	11-38.7N	092-53.1E	(d)	11-32.9N	092-48.3E																														
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(c)	11-38.7N	092-53.1E	(d)	11-32.9N	092-48.3E																																					
<p>050. India East Coast – Bay of Bengal. Charts 31 32 INT 71 INT 706. Firing practice by Naval Ships between 0330 UTC and 0730 UTC from 30 Jan to 31 Jan 14 in area bounded by</p> <table> <tr> <td>(a)</td> <td>15-30N</td> <td>083-24E</td> <td>(b)</td> <td>16-14N</td> <td>084-00E</td> </tr> <tr> <td>(c)</td> <td>15-34N</td> <td>084-46E</td> <td>(d)</td> <td>15-08N</td> <td>084-24E</td> </tr> </table> <p>2. Safe flying height 22000 Metres</p> <p>3. Cancel this MSG 310830 UTC Jan 14.</p>	(a)	15-30N	083-24E	(b)	16-14N	084-00E	(c)	15-34N	084-46E	(d)	15-08N	084-24E																														
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(c)	15-34N	084-46E	(d)	15-08N	084-24E																																					
<p>051. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from position 13-07.02N 080-18.01E from 0530 UTC to 0730 UTC on 31 Jan 14</p> <p>2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position</p> <p>3. Safe flying height 12800 Metres</p> <p>4. Cancel this MSG 310830 UTC Jan 14.</p>																																										
<p>052. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing practice between 0230 UTC to 1130 UTC from 01 Feb to 07 Feb and 15 Feb to 21 Feb 14.</p> <p>2. Danger zone 15 NM radius around 13-50N 081-40E.</p> <p>3. Safe flying height 3100 Metres.</p> <p>4. Cancel this MSG 211230 UTC Feb 14.</p>																																										
<p>053. Cancel NAVAREA VIII 048/14 and this MSG.</p>																																										
<p>054. NAVAREA VIII – Messages in force as on 241005 UTC Jan 14.</p> <p>2013 SERIES - 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506 510 540 547 610 623 626 662 665 672 680 694 712 714 715 722 727 728</p> <p>2014 SERIES - 005 011 015 023 026 027 034 037 038 042 043 046 047 049 050 051 052 053</p> <p>(a) NAVAREA VIII warnings less than 42 days old (694/13 onward) are promulgated via safetyNET</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in</p> <p>(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 311005 UTC Jan 14.</p>																																										
<p>055. Cancel NAVAREA VIII 728/13 and this MSG.</p>																																										
<p>056. India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 281001 UTC Jan 14.</p> <table> <tr> <td>ABAN II</td> <td>16-39.12N</td> <td>082-22.73E</td> </tr> <tr> <td>ACTINIA</td> <td>16-33.72N</td> <td>082-28.35E</td> </tr> <tr> <td>DEEP SEA MATDRILL</td> <td>16-24.55N</td> <td>082-02.92E</td> </tr> <tr> <td>DSR DHIRUBHAI DEEPWATER KG-1</td> <td>16-31.90N</td> <td>082-33.60E</td> </tr> <tr> <td>DSR DHIRUBHAI DEEPWATER KG-2</td> <td>16-41.34N</td> <td>082-41.53E</td> </tr> <tr> <td>DSR PLATINUM EXPLORER</td> <td>17-05.00N</td> <td>082-32.00E</td> </tr> <tr> <td>GSF-140</td> <td>16-27.12N</td> <td>082-28.43E</td> </tr> <tr> <td>HERCULES TRIUMPH</td> <td>16-28.46N</td> <td>082-12.60E</td> </tr> <tr> <td>MG HULME JR</td> <td>16-35.05N</td> <td>082-25.35E</td> </tr> <tr> <td>NOBLE DUCHESS</td> <td>16-07.06N</td> <td>081-41.85E</td> </tr> <tr> <td>SAGAR RATNA</td> <td>15-17.29N</td> <td>080-08.50E</td> </tr> <tr> <td>D S SAGAR VIJAY</td> <td>16-19.08N</td> <td>082-16.00E</td> </tr> <tr> <td>DSR GSF EXPLORER</td> <td>16-05.10N</td> <td>082-14.40E</td> </tr> <tr> <td>SAGAR BHUSHAN</td> <td>16-33.29N</td> <td>082-23.76E</td> </tr> </table> <p>Wide berth requested</p> <p>2. Cancel NAVAREA VIII 034/14.</p>	ABAN II	16-39.12N	082-22.73E	ACTINIA	16-33.72N	082-28.35E	DEEP SEA MATDRILL	16-24.55N	082-02.92E	DSR DHIRUBHAI DEEPWATER KG-1	16-31.90N	082-33.60E	DSR DHIRUBHAI DEEPWATER KG-2	16-41.34N	082-41.53E	DSR PLATINUM EXPLORER	17-05.00N	082-32.00E	GSF-140	16-27.12N	082-28.43E	HERCULES TRIUMPH	16-28.46N	082-12.60E	MG HULME JR	16-35.05N	082-25.35E	NOBLE DUCHESS	16-07.06N	081-41.85E	SAGAR RATNA	15-17.29N	080-08.50E	D S SAGAR VIJAY	16-19.08N	082-16.00E	DSR GSF EXPLORER	16-05.10N	082-14.40E	SAGAR BHUSHAN	16-33.29N	082-23.76E
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<p>057. Cancel NAVAREA VIII 043/14. India West Coast – Arabian Sea. Charts 22 272 293 INT 71 INT 705. Firing by Naval Ships between 0030 UTC to 1030 UTC daily from 28 Jan to 29 Jan 14 in area bounded by</p> <p>Primary Area</p> <table> <tr> <td>(a) 17-08N 069-40E</td> <td>(b) 16-34N 070-46E</td> </tr> <tr> <td>(c) 14-22N 068-56E</td> <td>(d) 15-24N 066-38E</td> </tr> </table> <p>057. Cancel NAVAREA VIII 043/14. India West Coast – Arabian Sea. Charts 22 272 293 INT 71 INT 705. Firing by Naval Ships between 0030 UTC to 1030 UTC daily from 28 Jan to 29 Jan 14 in area bounded by.</p> <p>Secondary Area</p> <table> <tr> <td>(a) 14-30N 071-00E</td> <td>(b) 14-30N 072-40E</td> </tr> <tr> <td>(c) 11-20N 072-40E</td> <td>(d) 11-20N 071-45E</td> </tr> <tr> <td>(e) 13-20N 071-00E</td> <td></td> </tr> </table> <p>2. Safe flying height 22000 Metres. 3. Cancel this MSG 291130 UTC Jan 14.</p>		(a) 17-08N 069-40E	(b) 16-34N 070-46E	(c) 14-22N 068-56E	(d) 15-24N 066-38E	(a) 14-30N 071-00E	(b) 14-30N 072-40E	(c) 11-20N 072-40E	(d) 11-20N 071-45E	(e) 13-20N 071-00E																														
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(e) 13-20N 071-00E																																								
<p>058. Bay of Bengal – Southern Portion. Charts 33 INT 71 INT 706 INT 707. Man overboard reported in vicinity 05-44.8 N 084-41.2E at 290600 UTC Jan 14.</p> <p>2. Vessels transiting through the area to keep sharp look out and render assistance.</p>																																								
<p>059. Bay of Bengal - Andaman Sea. Charts 31 41 371 451 473 INT 706. Survey vessel MV Vi-King Vision will carry out 3D marine seismic acquisition survey from 01 Feb to 01 May 14 in area bounded by</p> <table> <tr> <td>(a) 14-41.55N</td> <td>094-24.91E</td> <td>(b) 15-01.65N</td> <td>094-35.65E</td> </tr> <tr> <td>(c) 15-01.61N</td> <td>094-53.66E</td> <td>(d) 15-22.88N</td> <td>095-05.31E</td> </tr> <tr> <td>(e) 15-22.66N</td> <td>095-31.68E</td> <td>(f) 14-41.10N</td> <td>095-09.03E</td> </tr> </table> <p>2. Wide berth of 03 NM around the area requested. 3. Cancel this MSG 020001 UTC May 14.</p>		(a) 14-41.55N	094-24.91E	(b) 15-01.65N	094-35.65E	(c) 15-01.61N	094-53.66E	(d) 15-22.88N	095-05.31E	(e) 15-22.66N	095-31.68E	(f) 14-41.10N	095-09.03E																											
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<p>060. India West Coast - Kochi. CHARTS 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery</p> <table> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>04 Feb 14</td> <td>0900 to 1200</td> </tr> <tr> <td>07 Feb 14</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>11 Feb 14</td> <td>0900 to 1200</td> </tr> <tr> <td>14 Feb 14</td> <td>0900 to 1200</td> </tr> <tr> <td>18 Feb 14</td> <td>0900 to 1200</td> </tr> <tr> <td>21 Feb 14</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>25 Feb 14</td> <td>0900 to 1200</td> </tr> <tr> <td>28 Feb 14</td> <td>0900 to 1200</td> </tr> </tbody> </table> <p>2. Danger area bounded by</p> <table> <tr> <td>(a) 09-57.5N</td> <td>075-59.5E</td> <td>(b) 09-57.7N</td> <td>076-14.2E</td> </tr> <tr> <td>(c) 09-44.0N</td> <td>076-17.5E</td> <td>(d) 09-42.5N</td> <td>076-09.5E</td> </tr> </table> <p>3. Safe flying height 10000 Metres. 4. Cancel this MSG 281300 UTC Feb 14.</p>		Date	Time (UTC)	04 Feb 14	0900 to 1200	07 Feb 14	0900 to 1200 and 1230 to 1430	11 Feb 14	0900 to 1200	14 Feb 14	0900 to 1200	18 Feb 14	0900 to 1200	21 Feb 14	0900 to 1200 and 1230 to 1430	25 Feb 14	0900 to 1200	28 Feb 14	0900 to 1200	(a) 09-57.5N	075-59.5E	(b) 09-57.7N	076-14.2E	(c) 09-44.0N	076-17.5E	(d) 09-42.5N	076-09.5E													
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<p>061. Andaman Sea – off Port Blair. Charts 33 41 473 4012 INT 706. ML Aqua Marine reported sunk in vicinity 11-40.48N 092-44.07E (least depth over the wreck is 19 Metres)</p> <p>2. Caution advised.</p>																																								
<p>062. Cancel NAVAREA VIII 061/14. Andaman Sea – off Port Blair. Charts 33 41 473 4012 INT 706 . ML Aqua Marine reported sunk in vicinity 11-40.80N 092-44.13E (Least depth over the wreck is 19 Metres)</p> <p>2. Caution advised.</p>																																								
<p>063 Cancel NAVAREA VIII 046/14 and this MSG.</p>																																								
<p>064. India West Coast- Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. correct at 311002 UTC Jan 14</p> <table> <tr> <td>ABAN III</td> <td>19-00.48N</td> <td>072-09.07E</td> </tr> <tr> <td>ABAN IV</td> <td>19-06.83N</td> <td>070-56.43E</td> </tr> <tr> <td>ABAN ICE</td> <td>18-39.65N</td> <td>070-57.04E</td> </tr> <tr> <td>BADRINATH</td> <td>21-36.81N</td> <td>068-35.17E</td> </tr> <tr> <td>CE THRENTON</td> <td>19-32.35N</td> <td>071-20.92E</td> </tr> <tr> <td>DEEP SEA FORTUNE</td> <td>19-22.29N</td> <td>071-03.62E</td> </tr> <tr> <td>DEEP SEA FOSSIL</td> <td>19-18.20N</td> <td>071-30.65E</td> </tr> <tr> <td>DISCOVERY-1</td> <td>18-38.20N</td> <td>071-00.93E</td> </tr> <tr> <td>DYNAMIC VISION</td> <td>18-39.23N</td> <td>070-58.87E</td> </tr> <tr> <td>ENERGY DRILLER</td> <td>18-11.38N</td> <td>071-48.12E</td> </tr> <tr> <td>ENSCO 54</td> <td>19-20.44N</td> <td>071-58.33E</td> </tr> <tr> <td>FG MC CLINTOK</td> <td>18-36.21N</td> <td>072-13.99E</td> </tr> <tr> <td>GREAT DRILLER CHAAYA</td> <td>19-14.45N</td> <td>070-58.88E</td> </tr> </table>		ABAN III	19-00.48N	072-09.07E	ABAN IV	19-06.83N	070-56.43E	ABAN ICE	18-39.65N	070-57.04E	BADRINATH	21-36.81N	068-35.17E	CE THRENTON	19-32.35N	071-20.92E	DEEP SEA FORTUNE	19-22.29N	071-03.62E	DEEP SEA FOSSIL	19-18.20N	071-30.65E	DISCOVERY-1	18-38.20N	071-00.93E	DYNAMIC VISION	18-39.23N	070-58.87E	ENERGY DRILLER	18-11.38N	071-48.12E	ENSCO 54	19-20.44N	071-58.33E	FG MC CLINTOK	18-36.21N	072-13.99E	GREAT DRILLER CHAAYA	19-14.45N	070-58.88E
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064.	India West Coast- Arabian Sea. Continued.		
	GREATDRILL CHITRA	19-34.15N	071-07.97E
	KEDARNATH	21-03.42N	072-24.68E
	NOBLE ED HOLT	18-55.59N	072-02.48E
	NOBLE KENNETH DELANEY	18-47.21N	072-19.52E
	PLATINUM EXPLORER	10-47.10N	074-55.70E
	SAGAR GAURAV	20-19.56N	071-18.67E
	SAGAR JYOTI	22-40.95N	068-30.27E
	SAGAR KIRAN	19-21.67N	071-11.78E
	SAGAR LAXMI	20-58.00N	071-33.00E
	SAGAR PRAGATI	20-55.76N	071-31.60E
	SAGAR UDAY	18-36.16N	071-01.64E
	SUNDOWNER V	19-32.20N	071-17.80E
	SUNDOWNER VI	19-34.72N	071-20.65E
	SUNDOWNER VII	18-36.36N	072-15.80E
	TRIDENT II	19-10.61N	070-57.70E
	TRIDENT XII	18-57.44N	072-15.10E
	VICTORY DRILLER	19-38.00N	071-21.44E
	Wide berth requested		
2.	Cancel NAVAREA VIII 047/14.		
065.	India East Coast- Bay of Bengal.	Charts 31 32 33 354 355 357 391 INT 706.	Rig list. Correct at 311003 UTC
	Jan 14		
	ABAN II	16-39.12N	082-22.73E
	ACTINIA	16-33.72N	082-28.35E
	DEEP SEA MATDRILL	16-24.55N	082-02.92E
	DSR DHIRUBHAI DEEPWATER KG-1	16-31.90N	082-33.60E
	DSR DHIRUBHAI DEEPWATER KG-2	16-41.34N	082-41.53E
	GSF-140	16-27.12N	082-28.43E
	HERCULES TRIUMPH	16-28.46N	082-12.60E
	MG HULME JR	16-35.05N	082-25.35E
	NOBLE DUCHESS	16-07.06N	081-41.85E
	SAGAR RATNA	15-17.29N	080-08.50E
	D S SAGAR VIJAY	16-19.08N	082-16.00E
	DSR GSF EXPLORER	16-05.10N	082-14.40E
	SAGAR BHUSHAN	16-33.29N	082-23.76E
	Wide berth requested		
2.	Cancel NAVAREA VIII 056/14.		
066.	NAVAREA VIII-Messages in force as on 311002 UTC Jan 14		
	2013 Series - 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506 510 540 547 610 623 626 662 665 672 680 694 712 714 715 722		
	2014 Series - 005 011 015 023 026 037 038 042 052 058 059 060 062 063 064 065		
(a)	NAVAREA VIII Warnings less than 42 days old (712/13 onward) are promulgated via Safetynet		
(b)	Text of NAVAREA VIII Warnings inforce including those which are no longer being broadcast are AVAILABLE on website www.hydrobharat.nic.in		
(c)	Texts of NAVAREA VIII Warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners		
2.	Cancel this MSG 071002 UTC Feb 14.		

6.1

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

- NIL -

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 01 dated 01 Jan 2014)

NIL

INP 31(5), 2011

(Last correction: Edition No. 02 dated 16 Jan 2014)

PAGE 135-137, Chapter 09, MARITIME SAFETY INFORMATION (MSI) UNDER GMDSS, EGC SAFETYNET System Transmission Schedules for NAVAREA and METAREA Warning.

Delete entry and replace by:

**EGC SAFETYNET System
Transmission Schedules for NAVAREA Warning**

NAV AREA	NAV Information	
	Coordinator	Times (UTC)
I	United Kingdom	0530, 1730 (AOR-E)
II	France	0430, 1630 (AOR-E)
III	Spain	1200, 2400 & on receipt (AOR-E)
IV	United States	1000, 2200 (AOR-W) (2200 Ice reports N Atlantic) 0900, 2100 (AOR-W) French West Indies 0900, 2100 (AOR-W) French Guyana
V	Brazil	0030, 1230 (AOR-E)
VI	Argentina	0200, 1400 (AOR-W)
VII	South Africa	0940, 1940 (AOR-E / IOR) 0040, 1240 (IOR) Reunion 0140, 1340 (IOR) Kerguelen Islands 0330, 1530 (IOR) Mayotte
VIII	India	1000, 2200 (IOR) 0040, 1240 (IOR) Reunion 0330, 1530 (IOR) Mayotte
IX	Pakistan	0800 (IOR)
X	Australia	0700, 1900 & on receipt (IOR/POR) 0140, 1340 (POR) New Caledonia
XI	Japan	0005, 1205 (POR/IOR)

XII	United States	1030, 2230 (POR/AOR-W)
XIII	Russian Federation	0930, 2130 (POR)
XIV	New Zealand	0900, 2100 New Zealand (POR) 0140, 1340 New Caledonia (POR) 0030, 1230 Wallis & Futuna (POR) 0250, 1450 French Polynesia (POR)
XV	Chile	0210, 1410 (AOR-W)
XVI	Peru	0500, 1700 (AOR-W)
XVII	Canada	1130, 2330 (POR)
XVIII	Canada	1100, 2300 (AOR-W)
XIX	Norway	0630, 1830 (AOR-E)
XX	Russian Federation	0530, 1730 (IOR)
XXI	Russian Federation	0630, 1830 (POR)

Transmission Schedules for METAREA Warning

MET AREA	MET Information	
	Issuing Country	Times (UTC)
I	United Kingdom	0930, 2130 (AOR - E) Warnings only on receipt (AOR - W)
II	France	1015, 2215 (AOR -E/AOR-W)
III	Greece ¹	1000, 2200 (AOR-E)
IV	United States	0430, 1030, 1630, 2230 (AOR-W)
V	Brazil	0730, 1930 (AOR-E)
		Coastal Warning for Amazon Basin and additional coastal areas (AOR-E)
VI	Argentina	0230, 1730 (AOR-W)
VII	South Africa ⁵	0940, 1940 (AOR-E)
		0940, 1940 (AOR-E/IOR) ²
VIII (N)	India	0900, 1800 for N of 0° (IOR)
VIII (S)	Mauritius/Reunion	0130, 1330 for S of 0° (IOR) 0000 ³ , 0600 ³ , 1200 ³ , 1800 ³ for S of 0° (IOR)
	Australia	Warnings only for S of 0° and E of 90°E (IOR)
IX	Pakistan	0700 (IOR)
X	Australia	1030, 2330 (IOR)
		1100, 2300 (POR)
		Coastal Warnings for Bass Strait, Northern Territory & Western Australia (IOR/POR)
XI	China	0330, 1015, 1530, 2215 (IOR)
	Japan	0230, 0830, 1430, 2030 for N of 0° (POR) 0815, 2015 ⁴ for S of 0° (POR)

XII	United States	0545, 1145, 1745, 2345 (POR/AOR-W)
XIII	Russian Federation	0930, 2130 (POR)
XIV	New Zealand	0330, 0930, 1530, 2130 Warnings (POR) 0330, 1530 Synopsis & forecast for high seas area Southern (POR) 0930, 2130 Synopsis & forecast for high seas areas Subtropic, Forties & Pacific (POR)
XV	Chile	0100, 1330 (AOR-W) for Areas 1-8 1440 (AOR-W) for Area 9 0345, 1845 (AOR-W) for Area 10
XVI	United States	0515, 1115, 1715, 2315 (AOR-W)
XVII	Canada ⁶	0300, 1500 (POR)
XVIII	Canada ⁶	0300, 1500 (AOR-W)
XIX	Norway	1100, 2300 (AOR-E)
XX	Russian Federation	0600, 1800 (IOR)
XXI	Russian Federation	0600, 1800 (POR)

- ¹ Scheduled bulletins and warnings for western Mediterranean Sea are prepared by France
- ² Forecast for areas 30°S-50°E/50°S-80°E and tropical cyclone warnings are prepared by Reunion
- ³ Tropical cyclone warnings if any issued by Reunion as unscheduled broadcast
- ⁴ Scheduled bulletins and warnings for south of the equator prepared by Australia
- ⁵ Transmission via AOR-E for areas West of 20°E. Transmission via IOR for areas East of 20°E.
- ⁶ During shipping season, late June to mid-November

Broadcast time for **MET information** published in the table above are for routine Weather Messages, **Storm warnings** are also broadcast on receipt.

International Maritime Organisation (IMO) has decided that routine broadcast of navigational warnings and meteorological forecast will be made at scheduled times over a single nominated satellite for each NAVAREA/METAREA. Unscheduled broadcast of SAR alert relays and severe weather warnings will be made over all satellite which serve the area concerned. See the Safety Net User's Handbook, published in electronic format by Inmarsat Ltd, available at: www.inmarsat.com/safety.

(Source: ALRS Vol 5 2013-14, BA Notice 05/14)

(03/14)

PAGE 174, Chapter 10, DISTRESS, SEARCH AND RESCUE, MAURITIUS.*Delete entry and replace by:*

MAURITIUS			
National SAR Agency: MRCC Mauritius/National Coast Guard Address: Headquarters, Fort William, Les Salines, Port Louis, Mauritius Tel: +230 208 3935 & 208 8317 Fax: +230 212 2757 E-mail: ncgops.mpf@mail.gov.mu			
Search and Rescue operations within the waters around Mauritius are coordinated by the National Coast Guard. They can be contacted through Mauritius (3BM) which maintains a continuous listening watch on international distress frequencies VHF Ch 16, 2182 kHz and DSC VHF Ch 70 and MF 2187.5 kHz. Preferred inter RCC languages are English and French.			
	Telephone +230	Fax +230	Others/Ship Earth Stations (SES)
MRCC MAURITIUS (COAST GUARD OPERATIONS ROOM) (Cospas-Sarsat SPOC)	2088317 2083935	2122757	AFTN FIMPYCYX Inmarsat C 464500096 & 464500097 Iridium +8816 31427193 email ncgops.mpf@mail.gov.mu
MAURITIUS (3BM)	2085950 2110839 (SAR)	2110838	Inmarsat BGAN 772391532 email 3bm.mrs@mauritiustelecom.com
<i>(Source: BA 05/14)</i>			<i>(03/14)</i>

INP 31(6), 2012*(Last correction: Edition No. 02 dated 16 Jan 2014)***PAGE 42, INDIA, HAZIRA, Pilots and Port, CONTACT****DETAILS, Essar Marine Operations:***Delete entry and replace by;***Essar Marine Operations**

VHF Channel: Ch 71

Telephone: +91(0) 261 6682274

+91(0) 98791 02701 (mobile)

Fax: +91(0) 261 6682296

E-mail: operations-ebtl@essar.com

Website: www.essarports.com

*(Source: Essar Bulk Terminal, Hazira)**(03/14)***PAGE 52, INDIA, MAGDALLA, Pilots and Ports, CONTACT****DETAILS, Port Authority:***Delete E-mail and replace by;*

E-mail: pomagdalla@gmail.com

*(Source: Essar Bulk Terminal, Hazira)**(03/14)*

SECTION – X **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.

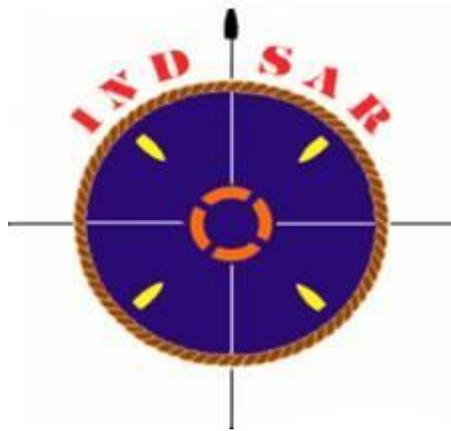


HYDROGRAPHIC NOTE		IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues			
Date		Ref. Number	
Name of the Ship or Sender			
Address			
Tel/FAX/E-mail address			
Observation Date		Time (UTC/IST)	
Object of Changes Observed (Tick 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	



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: indsar@vsnl.net

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

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