



# INDIAN NOTICES TO MARINERS



EDITION NO. 04 DATED 16 FEB 2014

(CONTAINS NOTICES 050 TO 055)

REACH US 24 x 7



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WWW

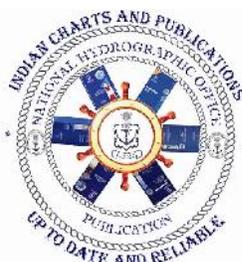
[www.hydrobharat.nic.in](http://www.hydrobharat.nic.in)

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

**FEEDBACK: [msis-incho-navy@nic.in](mailto: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:-

-Nil-

2. 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>
IN52038V	2038	RAJPUR BAY AND VIJAYDURG HARBOUR	21-01-2014
IN62010N	2010	KARWAR NAVAL HARBOUR	21-01-2014

3. The new edition 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>
IN3301AH	301	APPROACHES TO HUGLI RIVER	03-02-2014

4. The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

<i>ENC Cell No</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3301AH	301	APPROACHES TO HUGLI RIVER	06-02-2007
IN52038R	2038	RAJPUR BAY AND VIJAYDURG HARBOUR	19-05-2011
IN62010K	2010	KARWAR NAVAL HARBOUR	07-08-2009

5. The forthcoming Indian Charts are as follows:-

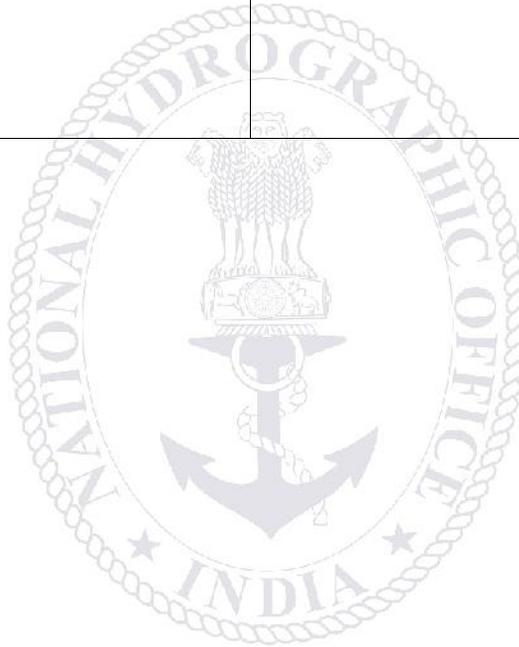
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2513	COETIVY ISLAND	37,500	New Chart
2506	GRAND BAY AND GRAND RIVIERE NOIRE BAY	25,000	New Chart
3034	APPROACHES TO KRISHNAPATNAM	50,000	New Chart
	KRISHNAPATNAM PORT	15,000	
2079 (INT7329)	APPROACHES TO MUNDRA PORT	37,500	New Chart
2031 (INT7326)	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: <a href="mailto:helpdesk@ukho.gov.uk">helpdesk@ukho.gov.uk</a> Web site: <a href="http://www.ukho.gov.uk">www.ukho.gov.uk</a>	JEPPESEN MARINE Jeppesen Norway AS Hovalandsveien 52 P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: <a href="mailto:enc@jeppesen.com">enc@jeppesen.com</a> , <a href="mailto:info@c-map.co.no">info@c-map.co.no</a> Website: <a href="http://www.jeppesen.com">www.jeppesen.com</a>
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: - <a href="http://www.primar.org">www.primar.org</a>	



**SECTION – I**

The list of charts affected by the Notices 050 to 055 contained in this edition are as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
288	1	054
289	1	054
355 (INT 7405)	5	052
391	5	052
404	6	053
2004 (INT 7359)	3	055 (P)
2029 (INT 7358)	3	055 (P)
2045 (INT 7360)	3	050, 055 (P)
2075 (INT 7366)	4	051
4006	6	053
4012	6	053
4016	6	053



**SECTION – II**  
**PERMANENT NOTICES**

**\*050/(04/14) INDIA – WEST COAST – Port of Kochi – Jetty. Legend.**

Source: HSU Kochi.

**Chart 2045 (INT 7360)** [previous update 178/13]

Insert	jetty, single firm line, joining:	09° 57′.008N., 76° 17′.013E. 09° 56′.961N., 76° 17′.039E. 09° 56′.965N., 76° 17′.046E. 09° 57′.014N., 76° 17′.022E. 09° 57′.040N., 76° 17′.010E. 09° 57′.008N., 76° 17′.013E. 09° 57′.014N., 76° 17′.022E.
Delete	Legend, “Under Construction (2012)” line, joining:	

**\*051/(04/14) INDIA – WEST COAST – Tuticorin Harbour – Buoy.**

Source: Tuticorin Port Trust.

**Chart 2075 (INT 7366)** [previous update 077/13]

Substitute	 Fl.R.5s, for  G	08° 47′.84N., 78° 11′.94E.
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**Chart 2075 (INT 7366) (Plan)** [previous update 077/13]

Substitute	 Fl.R.5s, for  G	08° 47′.84N., 78° 11′.94E.
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**\*052/(04/14) INDIA – EAST COAST – Ramyapatna to Sacramento Shoal –Wells. Pipeline.**

Source: ONGC Kakinada.

**Chart 355 (INT 7405)** [previous update 233/11]

Insert	 Well G1	(a) 16° 15′.77N., 82° 10′.15E.
	 Well G1-DB	16° 15′.63N., 82° 10′.66E.
	 Well G1-9	16° 15′.22N., 82° 10′.65E.
	 Well G1-10	16° 14′.73N., 82° 10′.96E.
	 Well G1-11	(b) 16° 13′.33N., 82° 10′.75E.
	 Well GS15-1	(c) 16° 20′.43N., 81° 59′.34E.
	 joining	(b) above (a) above 16° 16′.17N., 82° 09′.75E. 16° 16′.80N., 82° 09′.07E. 16° 17′.39N., 82° 08′.42E. 16° 17′.49N., 82° 08′.32E. 16° 18′.69N., 82° 07′.01E.

**\*052/(04/14) INDIA – EAST COAST – Ramyapatna to Sacramento Shoal –Wells. Pipeline. Continued.**

16° 19′.90N., 82° 05′.70E.

16° 20′.84N., 82° 04′.68E.

16° 21′.49N., 82° 03′.97E.

16° 21′.96N., 82° 03′.46E.

16° 22′.24N., 82° 03′.15E.

16° 22′.66N., 82° 02′.70E.

16° 22′.85N., 82° 02′.48E.

16° 23′.98N., 82° 01′.24E.

16° 23′.98N., 82° 00′.83E.

16° 24′.49N., 82° 00′.68E.

16° 25′.24N., 81° 59′.83E.

and

(c) above

16° 20′.72N., 81° 59′.47E.

16° 21′.43N., 81° 59′.74E.

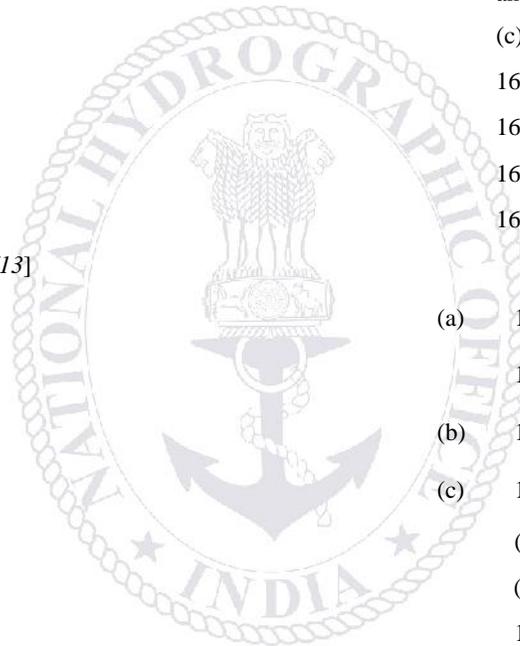
16° 22′.55N., 82° 00′.18E.

16° 22′.67N., 82° 01′.23E.

**Chart 391** [previous update 078/13]

Insert

-  Well
-  G1
-  Well
-  G1-10
-  Well
-  G1-11
-  Well
-  GS15-1
-  joining



(a) 16° 15′.77N., 82° 10′.15E.

16° 14′.73N., 82° 10′.96E.

(b) 16° 13′.33N., 82° 10′.75E.

(c) 16° 20′.43N., 81° 59′.34E.

(b) above

(a) above

16° 18′.69N., 82° 07′.01E.

16° 19′.90N., 82° 05′.70E.

16° 20′.84N., 82° 04′.68E.

16° 23′.98N., 82° 01′.24E.

16° 25′.24N., 81° 59′.83E.

and

(c) above

16° 22′.55N., 82° 00′.18E.

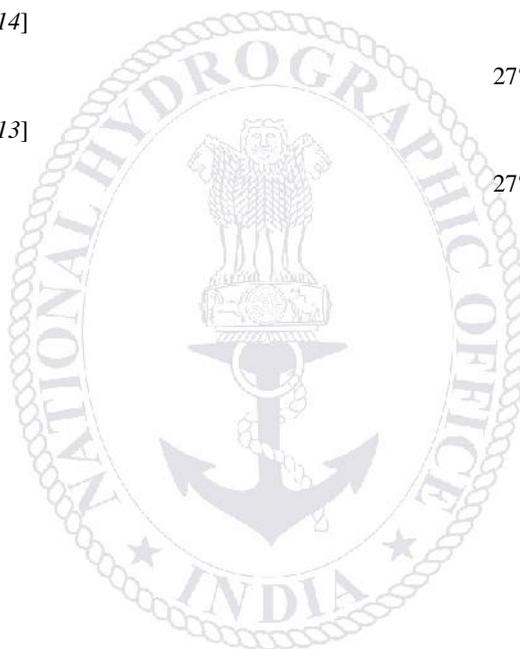
16° 22′.67N., 82° 01′.23E.

**\*053/(04/14) INDIA – ANDAMAN ISLANDS – Port Blair – Inner Harbour– Wreck.**

Source: HQ ANC

**Chart 404** [previous update 045/14]Delete  11° 40′.73N., 92° 44′.23E.**Chart 4006** [previous update 044/14]Delete  11° 40′.80N., 92° 44′.13E.**Chart 4012** [previous update 044/14]Delete  11° 40′.80N., 92° 44′.13E.**Chart 4016** [previous update 044/14]Delete  11° 40′.80N., 92° 44′.13E.**054/(04/14) UNITED ARAB EMIRATES – Qatar to Shatt Al Arab – Bouy.**

Source: BA Notice 804/14

**Chart 288** [previous update 047/14]Insert  27° 50′.80N., 50° 37′.20E.**Chart 289** [previous update 215/13]Insert  27° 50′.80N., 50° 37′.20E.

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

**\*055 (P)/(04/14) INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit.**

Source: Kochi Port, HQSNC.

1. The outer approach channel of Kochi Port has been extended approximately by 03NM. Dredging is in progress for deepening and widening of outer channel. New buoys are positioned to coincide with the extension/widening of approach channel.

2. Dredging is in progress North of Ernakulam Channel near LNG jetty bounded by following co-ordinates:

09°58'.17N., 76°13'.24E

09°58'.22N., 76°13'.49E

09°58'.30N., 76°13'.55E

09°58'.35N., 76°13'.63E

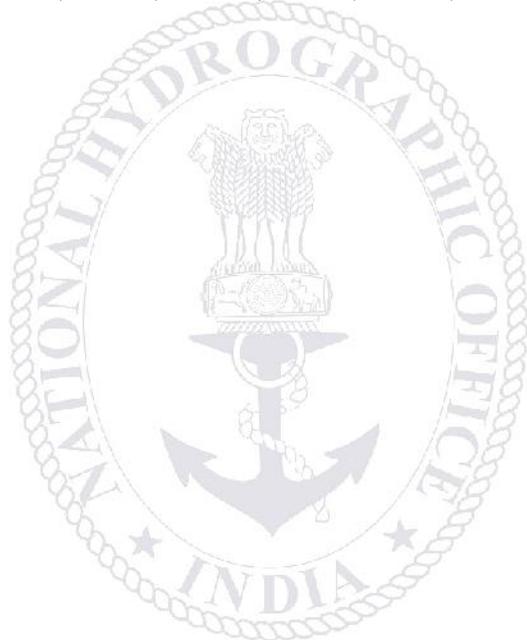
09°58'.39N., 76°13'.71E

09°58'.44N., 76°13'.81E

09°58'.22N., 76°13'.94E

3. *Former INM 041 (P)/13 is cancelled.*

**Charts Affected – 2004 (INT7359) – 2029 (INT 7358) – 2045 (INT7360).**



## **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](http://www.iho.int), to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode.

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

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

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

### 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 (16<sup>th</sup> July 2008).

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

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

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

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

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

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

<p><b>JEPPESSEN MARINE</b>  <b>Jeppesen Norway AS</b>            P.O. 212,            N-4379, Egersund, Norway            Ph: 0047 51 464700            Fax: 0047 51 464701            Email: <a href="mailto:info@c-map.no">info@c-map.no</a>            Site: <a href="http://www.c-map.no">www.c-map.no</a></p>	<p><b>C-Map US Commercial</b>            133 Falmouth Road,            Building 2, Postal Code: 02649,            Mashpee, MA, America            Ph: +1 (508) 477 8010            Fax: +1 (508) 539 4381            Email: <a href="mailto:info@c-map.com">info@c-map.com</a></p>	<p><b>C-Map (UK) Ltd.</b>            Systems House            Delta Business Park            Salterns Lane, Fareham,            PO16 0QS, United Kingdom,            Ph: +44 (0) 1329 517777            Fax: +44 (0) 1329 517778            Email: <a href="mailto:info@c-map.co.uk">info@c-map.co.uk</a></p>
<p><b>Mari-Sys Pte Ltd.</b>            20 Ayer Rajah Crescent,            08-21, SE 139964,            Republic of Singapore            Ph: +65 6776 1898            Email: <a href="mailto:info@mari-sys.com">info@mari-sys.com</a></p>	<p><b>Bogerd Martin NV,</b>            Oude Leeuwenrui 37            2000 Antwerp, Belgium            Ph: +32 (3) 2134170            Fax: +32 (3) 2326167            Email: <a href="mailto:sales@martin.be">sales@martin.be</a>            Site: <a href="http://www.martin.be">www.martin.be</a></p>	<p><b>Bogerd Martin Tianjin(China Branch)</b>            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: <a href="mailto:charts-tj@martincn.com">charts-tj@martincn.com</a></p>
<p><b>C-Map Holland</b>            Paleiskade100            PO Box 7            1781 AR Den Helder,            Holland            Ph: +31 223 616 700            E Mail: CorMallie <a href="mailto:cor@chartworx.nl">cor@chartworx.nl</a></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: <a href="mailto:rpani246@gmail.com">rpani246@gmail.com</a>	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : <a href="mailto:sbh@vsnl.com">sbh@vsnl.com</a>
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, <a href="mailto:sarmarin@vsnl.com">sarmarin@vsnl.com</a>	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: <a href="mailto:ewsbom@bom3.vsnl.net.in">ewsbom@bom3.vsnl.net.in</a>
M/s C & C Marine Combine 25 Bank Street, 1 <sup>st</sup> Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: <a href="mailto:cmarine@bom5.vsnl.net.in">cmarine@bom5.vsnl.net.in</a>	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: <a href="mailto:ewl-india@ewliner.com">ewl-india@ewliner.com</a>
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 : <a href="mailto:mahalakshmitravels@hotmail.com">mahalakshmitravels@hotmail.com</a>	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: <a href="mailto:raj_chakravorty@yahoo.com">raj_chakravorty@yahoo.com</a> <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> Website: <a href="http://www.c-map.co.in">www.c-map.co.in</a>
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 : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a>	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : <a href="mailto:info@inspireship.com">info@inspireship.com</a> <a href="mailto:pramod@inspireship.com">pramod@inspireship.com</a>
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungi Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924283, Cell: +91-8902228463 Email: <a href="mailto:sankar_roy342@yahoo.in">sankar_roy342@yahoo.in</a>	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: <a href="mailto:ashiskantha@gmiindia.in">ashiskantha@gmiindia.in</a> Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a>
Engineering Logistics Executive Multi Services Door No: 61-4-45-A/4 Prakash Nagar Malkapuram Visakhapatnam - 530 014 Mob: +91 9133362541/9966244818 Email: <a href="mailto:elemulti.services69@yahoo.com">elemulti.services69@yahoo.com</a>	M/s L. R. MARINE SERVICES 301, 3rd Floor, Birya 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: <a href="mailto:lrcharts@gmail.com">lrcharts@gmail.com</a> , <a href="mailto:lrmarine@live.com">lrmarine@live.com</a>

**SECTION – V**  
**NAVAREA – VIII WARNINGS IN FORCE**

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

2. NAVAREA VIII Warnings in force as on 16 Jan 14:

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

**2014 SERIES** - 011 015 037 038 042 052 058 059 060 067 071 074 075 077 079 081 082 083  
084 087 088 089 090 091 092 093

3. NAVAREA VIII Warnings issued during the period from 01 Feb to 15 Feb14 (both dates inclusive) are as tabulated below: –

<p><b>067. India West Coast – Cape Comorin.</b> Charts 22 32 260 262 263 INT 705. One fibre catamaran reported missing with two crew in vicinity 08-00.37N 077-12.55E since 010030 UTC Feb 14. 2. Vessels transiting through the area to keep sharp look out and render assistance.</p>
<p><b>068. Cancel NAVAREA VIII 023/14 and this MSG.</b> Chaul Kadu lighthouse lit.</p>
<p><b>069. India East Coast – Bay of Bengal.</b> Charts 31 32 INT 71 INT 706. Firing practice by Naval ships in following areas <b><u>Area-I (120130 UTC to 120630 UTC Feb 14)</u></b> (a) 15-30N 083-24E (b) 16-14N 084-00E (c) 15-34N 084-46E (d) 15-08N 084-24E Safe flying height 22000 Metres <b><u>Area-II (131230 UTC to 131829 UTC Feb 14)</u></b> (a) 15-30N 083-24E (b) 16-22N 084-06E (c) 15-14N 085-22E (d) 14-32N 084-50E Safe flying height 6000 Metres 2. Cancel this MSG 131929 UTC Feb 14.</p>
<p><b>070. Cancel NAVAREA VIII 510/13, 610/13, 005/14 and this MSG.</b> Section VII of INM Edition 03/14 refers</p>
<p><b>071. India East Coast – off Kakinada.</b> Chart 31 32 354 3009 INT 706. Rig Hercules 208 will be in position 17-01.0N 082-21.1E from 070030 UTC Feb 14 onwards for 30 days 2. Caution advised 3. Cancel this MSG 090030 UTC Mar 14.</p>
<p><b>072. Cancel NAVAREA VIII 062/14 and this MSG.</b></p>
<p><b>073. Cancel NAVAREA VIII 069/14. India East Coast – Bay of Bengal.</b> Charts 31 32 INT 71 INT 706. Firing practice by Naval ships in following areas <b><u>(I) From 120130 UTC to 120630 UTC Feb 14 and 131230 UTC to 131829 UTC Feb 14</u></b> (a) 15-30N 083-24E (b) 16-22N 084-06E (c) 15-14N 085-22E (d) 14-32N 084-50E Safe flying height 6000 Metres <b><u>(II) From 131230 UTC to 131829 UTC Feb 14</u></b> (a) 15-30N 083-24E (b) 16-14N 084-00E (c) 15-34N 084-46E (d) 15-08N 084-24E Safe flying height 22000 Metres 2. Cancel this MSG 131929 UTC Feb 14.</p>
<p><b>074. Bay of Bengal – Northern Portion.</b> Charts 31 351 360 361 INT 71 INT 706. Bangladesh Navy will conduct exercise Sea Thunder from 06 Feb to 17 Feb 14 in area bounded by <b><u>Outer Marshalling Area-I</u></b> (a) 20-35N 091-34E (b) 20-25N 091-34E (c) 20-25N 092-00E (d) 20-35N 092-00E <b><u>Outer Marshalling area-III</u></b> (a) 21-04N 091-54E (b) 21-04N 091-32E (c) 20-56N 091-54E (d) 20-56N 091-32E <b><u>Outer Marshalling Area-II</u></b> (a) 21-16N 090-46E (b) 21-07N 090-38E (c) 20-55N 090-54E (d) 21-04N 091-00E <b><u>Outer Marshalling Area(Khulna Area)</u></b> (a) 21-25N 089-30E (b) 21-25N 089-40E (c) 21-20N 089-30E (d) 21-20N 089-40E</p>

074.	<b>Bay of Bengal – Northern Portion. Continued.</b>	
	<b><u>Inner Marshalling Area-I</u></b>	<b><u>Inner Marshalling (Khulna Area)</u></b>
	(a) 22-02N 091-49E	(a) 21-45N 089-30E (b) 21-45N 089-31E
	(c) 21-57N 091-49E	(c) 21-43N 089-30E (d) 21-43N 089-31E
	<b><u>Examination Ground-I</u></b>	<b><u>Examination Ground-II</u></b>
	(a) 22-09.0N 091-45.6E	(a) 21-45N 089-30E (b) 21-45N 089-31E
	(c) 22-10.5N 091-47.5E	(c) 21-43N 089-30E (d) 21-43N 089-31E
	<b><u>Handing/Taking over area between ships operating under Oce and AMHQ Khulna</u></b>	
	(a) 21-26N 089-56E	(b) 21-26N 090-01E
	(c) 21-16N 089-56E	(d) 21-16N 090-01E
2.	Caution advised. during the exercise all merchant ships entering and leaving Bangladesh waters are required to establish communication with CPA and MPA (VHF Channel 12, 16 and HF channel-1) for instruction while crossing parallels of latitude 20-00N and 21-10N during the exercise	
3.	Cancel this MSG 181831 UTC Feb 14.	
075.	<b>India West Coast – Arabian Sea.</b> Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list.	
	correct at 051003 UTC Feb 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 THORNTON	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	18-35.99N 071-00.22E
	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
	JINDAL STAR	18-36.12N 071-01.59E
	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	22-19.98N 068-31.63E
	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 064/14	
076.	<b>India West Coast – Arabian Sea.</b> Charts 22 256 293 INT 71 INT 705. V/L Towing SBM Buoy from Neelam field	
	to Cochin, present position 16-03.46N 072-55.25E. Course-149 (T), Speed-4 knots, length of the tow 200 metres. V/L	
	restricted in ability to manoeuvre	
2.	Wide berth requested	
077.	<b>India West Coast – Pipavav Port.</b> Charts 21 207 254 292 INT 705. Rig deep sea treasure is temporarily anchored	
	at 20-52.54N 071-29.02E	
2.	Caution advised	
078.	<b>Indian Ocean – Lakshadweep Sea.</b> Charts 23 INT 71 INT 702 INT 706. Yellow coloured Sri Lankan fishing	
	vessel Pradeep Putha II (Regd NO. IMUL-A-0069-Mtr, length-12.19 metres) reported adrift in vicinity 05-44N 077-17E at	
	060230 UTC Feb 14 with six crew.	
2.	Vessels transiting through the area to keep sharp look out and render assistance.	

<b>079. Indian Ocean – Off Malha Bank.</b> Charts INT 71 INT 72 INT 702. Man overboard reported from MV fairmount expedition in vicinity 13-22.4S 066-16.4E ON 06 Feb 14 2. Vessels transiting through the area to keep sharp look out and render assistance
<b>080. NAVAREA VIII – MESSAGES in force as on 071001 UTC Jan 14</b> <b>2013 Series</b> - 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506 540 547 623 626 662 665 672 680 712 714 715 <b>2014 Series</b> - 011 015 037 038 042 052 058 059 060 065 067 071 073 074 075 076 077 078 079 (a) NAVAREA VIII Warnings less than 42 days old (011/14 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 141001 UTC Feb 14.
<b>081. India East Coast – Bay of Bengal.</b> Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex between 1230 UTC to 1630 UTC daily on 18 Feb and 19 Feb 14. Danger zone bounded by (a) 20-47.58N 087-01.83E (b) 19-26.75N 086-43.11E (c) 14-33.82N 088-26.17E (d) 14-47.90N 089-18.50E (e) 15-08.71N 090-08.47E (f) 19-58.44N 088-15.73E (g) 20-49.15N 087-06.39E 2. Caution advised 3. Cancel this MSG 191730 UTC Feb 14.
<b>082. Indian Ocean – Preparis North Channel.</b> Charts 31 41 371 451 INT 706. Survey vessel SR/V. Binh Minh 02 will carry out 2D marine seismic acquisition survey from 14 Feb to 15 Mar 14 in area bounded by (a) 15-24.40N 093-21.06E (b) 15-59.88N 093-21.05E (c) 15-59.73N 094-04.81E (d) 15-46.55N 094-04.53E (e) 15-24.25N 093-59.15E 2. Wide berth of 03 NM around the area requested 3. Cancel this MSG 160001UTC Mar 14.
<b>083. India West Coast – Arabian Sea.</b> Charts 22 268 273 INT 706. Following racons inoperative (a) Suhelipar (Cheriyakara) island racon in position 10-02.4N 072-17.0E (b) Androth (east) island racon in position 10-48.67N 073-42.12E
<b>084. India West Coast – Trivandrum.</b> Charts 22 32 222 260 INT 706. RH - 200 rocket launch from Thumba equatorial rocket launching station 08-31.98N 076-52.05E between 0530 UTC to 0730 UTC on 19 Feb 14. 2. Danger zones (a) Sector of radius 05 NM from launcher between azimuth angles 190 degree and 300 degree (b) Sector of radii 45 NM and 75 NM from the launcher between azimuth angles 220 degree and 260 degree 3. Cancel this MSG 190830 UTC Feb 14
<b>085. India East Coast – Bay of Bengal.</b> CHARTS 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 131001 UTC Feb 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 11-43.56N 080-33.15E 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 065/14.
<b>086. Cancel NAVAREA VIII 076/14, 078/14 and this MSG.</b>

<p><b>087. Bay of Bengal – Northern Portion.</b> Charts 31 360 361 INT 71 INT 706. Bangladesh navy will conduct exercise sea thunder from 15 Feb to 17 Feb 14 daily in area bounded by</p> <p><b>(GA) The missile firing area</b></p> <p>(a) 21-34.0N 091-00.0E (b) 22-00.5N 091-35.5E (c) 21-55.4N 091-43.2E (d) 21-20.2N 091-21.0E</p> <p>Safe flying height 12000 Metres</p> <p><b>(GHA) RDC Firing area</b></p> <p>(a) 21-53.9N 091-36.3E (b) 21-52.2N 091-33.7E (c) 21-50.6N 091-34.9E (d) 22-51.0N 091-38.3E</p> <p>Safe flying height 12000 Metres</p> <p><b>(UMA) Surface firing area</b></p> <p>(a) 22-01.2N 091-40.0E (b) 21-57.2N 091-34.0E (c) 21-50.0N 091-41.3E (d) 21-54.1N 091-47.4E</p> <p>Safe flying height 6000 Metres</p> <p>2. Cancel this MSG 181930 UTC Feb 14.</p>																																							
<p><b>088. India West Coast – Arabian Sea.</b> Charts 22 293 INT 71 INT 705 INT 706. Under water weapons firing will be carried out from 17 Feb to 28 Feb 14 in area bounded by</p> <p>(a) 15-05N 072-35E (b) 15-05N 073-35E (c) 14-32N 073-35E (d) 14-32N 072-35E</p> <p>2. Safe flying height 1500 metres</p> <p>3. Cancel this MSG 011930 UTC Mar 14</p>																																							
<p><b>089. Bay of Bengal – Andaman Sea.</b> Charts 41 INT 71 INT 73 INT 706. Exploration drilling campaign will be carried OUT from 19 Feb to 15 Jun 14 by semi-submersible drilling unit, Naga-1(Call sign; 3EBF9) in following positions</p> <table> <tbody> <tr> <td>YE THUREIN</td> <td>13-15.70N</td> <td>96-33.61E</td> </tr> <tr> <td>SHWE PYI SOE</td> <td>13-25.92N</td> <td>96-34.53E</td> </tr> </tbody> </table> <p>2. Wide berth of 03 NM around the area requested</p> <p>3. Cancel this MSG 161831 UTC Jun 14.</p>	YE THUREIN	13-15.70N	96-33.61E	SHWE PYI SOE	13-25.92N	96-34.53E																																	
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SHWE PYI SOE	13-25.92N	96-34.53E																																					
<p><b>090. India East Coast – off Chennai.</b> Charts 31 32 33 356 391 INT 706. Firing practice by coast guard aircraft from 0230 UTC to 1130 UTC from 22 Feb to 28 Feb 14. Danger area bounded by</p> <p>(a) 13-30N 082-00E (b) 14-30N 082-00E (c) 14-30N 082-40E (d) 13-30N 082-40E</p> <p>2. Safe flying height 2000 Metres</p> <p>3. Cancel this MSG 281230 UTC Feb 14</p>																																							
<p><b>091. India East Coast – Bay of Bengal.</b> Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 141004 UTC Feb 14</p> <table> <tbody> <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>16-33.83N</td> <td>082-19.90E</td> </tr> <tr> <td>DSR DHIRUBHAI DEEPWATER KG-1</td> <td>11-43.56N</td> <td>080-33.15E</td> </tr> <tr> <td>DSR DHIRUBHAI DEEPWATER KG-2</td> <td>16-41.34N</td> <td>082-41.53E</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> </tbody> </table> <p>Wide berth requested</p> <p>2. Cancel NAVAREA VIII 085/14</p>	ABAN II	16-39.12N	082-22.73E	ACTINIA	16-33.72N	082-28.35E	DEEP SEA MATDRILL	16-33.83N	082-19.90E	DSR DHIRUBHAI DEEPWATER KG-1	11-43.56N	080-33.15E	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
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<p><b>092. NAVAREA VIII – Messages in force as on 141005 UTC Feb 14</b></p> <p><b>2013 SERIES</b> – 012 035 160 197 228 303 320 335 343 370 374 428 430 451 473 493 506 540 547 623 626 662 665 672 680 712 714 715</p> <p><b>2014 SERIES</b> – 011 015 037 038 042 052 058 059 060 067 071 074 075 077 079 081 082 083 084 087 088 089 090 091</p> <p>(a) NAVAREA VIII warnings less than 42 days old (011/14 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 <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a></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 211005 UTC Feb 14</p>																																							

**093. India East Coast – Bay of Bengal.** Charts 32 33 354 355 357 INT 706 (.) Survey vessel Viking II will carry out broadband/Deghosted 2D and 3D seismic data survey operations in following areas

**2D-CY-DWN-2001/2(TILL 16 Feb 14)**

(a) 11-51.00N 080-06.23E (b) 11-34.88N 079-59.46E  
(c) 11-05.33N 080-15.33E (d) 11-32.30N 080-46.45E

**3D-KG-DWN-98/3(FROM 17 Feb TO 20 Mar 14)**

(a) 16-40.18N 082-26.43E (b) 16-16.26N 082-26.43E  
(c) 16-16.26N 082-54.70E (d) 16-37.03N 082-54.70E  
(e) 16-39.98N 082-36.18E

2. Caution advised and wide berth of 08 NM around the vessel requested.
3. Cancel this MSG 211831 UTC Mar 14.



6.1

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

- NIL -

**SECTION – VII**  
**CORRECTIONS TO LIST OF LIGHTS**

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7041	- Jeteo Schneider. Head	15 42.71 S 46 17.70 E	Oc(2) R 8s	9	5	White 6- sided tower, red lantern 5	ec 2, lt 1, ec 2, lt 3
	*	*	*	*	*	*	*
D7091	- Saint-Gilles les Bains. West Jetty. Head (FR)	21 03.28 S 55 13.33 E	Oc(2)G 6s	12	7	White structure green top 8	ec 1, lt 1, ec 1, lt 3 TE 2014
	*	*	*	*	*	*	*
D7322.53	Al Fahl Harbour. Wave Project Marina. Wave water intake	23 37.74 N 58 16.78 E	FI(2)W 5s	3	3	Black 8 on black beacon, red band 3	
	*	*	*	*	*	*	*
D7363.74	- Batin, Khawr Al. Bridge	24 25.52 N 54 21.99 E	F R	..	..	On bridge	
	*	*	*	*	*	*	*
D7363.744	---	24 25.48 N 54 21.96 E	F W	..	..	On bridge	PA
	*	*	*	*	*	*	*
D7363.745	---	24 25.43 N 54 21.92 E	F G	..	..	On bridge	
	*	*	*	*	*	*	*
F1162	- Bell Passage. Ko Khom	09 52.63 N 98 26.57 E	FI W 3s	59	9	White brick tower 11	fl 0.3. The top of the tower shows just clear of the trees. TE 2014
	*	*	*	*	*	*	*
F1202.55	- Rangat Electricity Complex. Breakwater. Head	12 29.09 N 92 57.35 E	FI W 20s	10			TE 2014
	*	*	*	*	*	*	*
K0820.41	--- Rear. 320m from Front (FR)	49 21.02 S 70 04.58 E	Q W	20	12	Black ▽ on white beacon	TE 2014
	*	*	*	*	*	*	*
K1145.4	- Tuban Port (ID)	06 47.10 S 111 53.04 E	FI W 10s	17	12	White beacon 15	fl 1
	*	*	*	*	*	*	*
K1148	Tanjung Kodok (ID)	06 52.09 S 112 21.91 E	FI W 4s	42	15	White framework tower 40	fl 0.5
	*	*	*	*	*	*	*
K1148.2	- No 6 (ID)	06 51.67 S 112 22.00 E	FI G 4s	7	5	Green beacon	fl 0.5
	*	*	*	*	*	*	*
K1148.3	- No 3 (ID)	06 51.69 S 112 22.11 E	FI R 4s	7	5	Red beacon	fl 0.5
	*	*	*	*	*	*	*
K1148.4	- No 5 (ID)	06 51.75 S 112 22.22 E	FI R 4s	7	5	Red beacon	fl 0.5
	*	*	*	*	*	*	*
K1154	CPP "A" (ID)	05 57.86 S 111 44.10 E	Mo(U)W 15s	8	4	Platform	Ra refl. Numerous installations, some marked by lights, exists within this field. (T) 2013
	*	*	*	*	*	*	*
K1154.5	WHT-C "A" (ID)	05 58.95 S 111 43.40 E	Mo(U)W 15s	8	4	Platform	Ra refl. (T) 2013
	*	*	*	*	*	*	*

**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. 03 dated 01 Feb 2014)

**PAGE 121, Chapter 09, MARITIME SAFETY INFORMATION (MSI) UNDER GMDSS, NAVAREA COORDINATORS, NAVAREA VIII (India) Section,**

*Delete National Coordinators table and replace by:*

**National Coordinators**

COUNTRY	TELEPHONE	FACSIMILE	E-MAIL
<b>Bangladesh</b>	+880 2 9513305	+880 2 7168363	dosdgdbd@btcl.net.bd
<b>Kenya</b>	+254 41 2318398 2318399	+254 41 2318397	info@maritimeauthority.co.ke info@kma.go.ke
<b>Maldives</b>	+960 3395981 3398898	+960 3391665	mrcc@mndf.gov.mv
<b>Mauritius</b>	+230 2085950	+230 2110838	3bm.mrs@mauritiustelecom.com
<b>Myanmar</b>	+95 31 31669 291349	+95 31 31669	hydro.navy.ygn@mptmail.net.mm
<b>Reunion</b>	+262 262 907932	+262 262 907931	cellmer.emia@fazsoi.defense.gouv.fr
<b>Seychelles</b>	+248 4224866	+248 4224829	dg@smsa.sc
<b>Sri Lanka</b>	+94 11 2385401 2435127	+94 11 2327160 2435160	ravi@slpa.lk dmsmos@sltnet.lk
<b>Tanzania</b>	+255 222 117394	+255 222 113938	do@tanzaniaports.com

(Source: INHO)

(04/14)

**PAGE 166-167, Chapter 10, DISTRESS, SEARCH AND RESCUE, INDIA, SAR Contact details:**

*Delete row 3, 5, 6, 8, 9 in INDIA (Western Region) and row 2, 4 in INDIA (Eastern Region) and replace by:*

<b>INDIA (Western Region)</b>			
MRSSC Vadinar	2833- 256579 M-SAR Call: 1554	2833- 256560	Inmarsat-C 441900448 Inmarsat mini-M 7: 62484114 (Voice) 762484115 (Fax) 762484116 (Data) e-mail: cgs-vdr@indiancoastguard.nic.in cgsvadinar@yahoo.co.in icgstn_vdr@sancharnet.in

MRSSC Okha	2892- 262261 2892- 262259 M-SAR Call: 1554	2892- 263421	Inmarsat-C 441900446 Inmarsat mini-M: 762484056 (Voice) 762484057 (Fax) 762484058 (Data) e-mail: cgs-okha@indiancoastguard.nic.in cocgsokha@yahoo.co.in
MRSC Porbandar	286- 2242451 286- 2244056 M-SAR Call: 1554	286 - 2210559	Inmarsat-C 441908210 e-mail: dhq1@indiancoastguard.nic.in opsdhq1@yahoo.co.in
MRSC New Mangalore	824- 2405278 M-SAR Call: 1554	824- 2405267	Inmarsat-C 441908310 e-mail: dhq3@indiancoastguard.nic.in cgdhq2@dataone.in coastguardmangalore@rediffmail.com icgmrscmangalore@dataone.in
MRSC Kochi	484-2218969 M-SAR Call: 1554	484 -- 2217164	Inmarsat-C 441900446 Inmarsat mini-M: 764907778 (Voice) 764907779 (Fax) 764907780 (Data) e-mail: dhq4@indiancoastguard.nic.in dhq4opsroom@gmail.com

<b>INDIA (Eastern Region)</b>			
	Telephone +91	Fax +91	Others
MRCC Chennai	44- 25395018 M-SAR Call: 1554	44- 23460405	AFTN VOMMYXCG Inmarsat-C 441922669 Inmarsat mini-M: 764902568 (Voice), 764902569 (Fax) 600938573 (Data) 600938569 (64 Kbits ISDN data) 600938570 (56 Kbits ISDN data) 600938572 (High quality voice) e-mail: mrcc-east @indiancoastguard.nic.in isareast@dataone.in icgmrcc_chennai@dataone.in
MRSC Paradip	6722- 223359 M-SAR Call: 1554	6722- 222279 6722- 220174	Inmarsat-C 441907710 Inmarsat mini-M: 773137404 (Voice) e-mail: dhq7@indiancoastguard.nic.in

(Source: ICGHQ, New Delhi)

(04/14)

**INP 31(6), 2012**

*(Last correction: Edition No. 03 dated 01 Feb 2014)*

**PAGE 117, MAURITIUS, PORT LOUIS, Pilots and Port,  
CONTACT DETAILS, Tugs:**

*Delete entry and replace by;*

**Asst. Port Master**

Telephone: +230 2162919

Fax: +230 2428314

E-mail: t.saugur@mauport.com

**Tugs**

VHF Channel: Ch 12 14 16

*(Source: Mauritius Port Authority)*

*(04/14)*

**SECTION – IX**  
**CORRECTIONS TO MISCELLANEOUS NAUTICAL PUBLICATIONS**

**Indian Notices to Mariners, Special Edition-2012**

**Special Notice No. 7 (Page 45-46)**

**(Source: ICGHQ, New Delhi)**

Para 72,  
delete subpara (c) and replace by,

(c) **National SAR Agency: Indian Coast Guard.**

Address: Coast Guard Headquarters, National Stadium Complex, Purana Quila Road, New Delhi – 110 001, India

Tel: +91 11 23384934, 23385849, 23384165

Telefax: + 91 11 23383196

E-mail: [dte\\_ops@indiancoastguard.nic.in](mailto:dte_ops@indiancoastguard.nic.in)

	Telephone +91	Fax + 91	Others
<b><u>Western Region</u></b>			
MRCC Mumbai CGRHQ(West)	22 24301455 24316558 24388065 M-SAR Call: 1554	22 24316558	AFTN VABBYXYC Inmarsat “C” 441907210 Inmarsat “mini-M” 762882349 (Voice) 764902542 762882350 (Fax) 764902543 762882351 (Data) 600938515 e-mail: <a href="mailto:indsar@vsnl.net">indsar@vsnl.net</a> <a href="mailto:icgmrcc_mumbai@mtnl.net.in">icgmrcc_mumbai@mtnl.net.in</a> <a href="mailto:mrcc-west@indiancoastguard.nic.in">mrcc-west@indiancoastguard.nic.in</a>
MRSC Porbandar	286 2242451 2244056 M-SAR Call: 1554	286 2210559	Inmarsat “C” 441908210 e-mail: <a href="mailto:dhq1@indiancoastguard.nic.in">dhq1@indiancoastguard.nic.in</a> <a href="mailto:opsdhq1@yahoo.co.in">opsdhq1@yahoo.co.in</a>
MRSC Goa	832 2521718 M-SAR Call: 1554	832 2520584 2520734	Inmarsat “C” 441900446 Inmarsat “mini-M” 762484095 (Voice) 762484096 (Fax) 762484097 (Data) e-mail: <a href="mailto:comdis_11@indiancoastguard.nic.in">comdis_11@indiancoastguard.nic.in</a> <a href="mailto:cgdhq11@dataone.in">cgdhq11@dataone.in</a>
MRSC New Mangalore	824 2405278 M-SAR Call: 1554	824 2405267	Inmarsat “C” 441908310 e-mail: <a href="mailto:dhq3@indiancoastguard.nic.in">dhq3@indiancoastguard.nic.in</a> <a href="mailto:cgdhq2@dataone.in">cgdhq2@dataone.in</a> <a href="mailto:coastguardmangalore@rediffmail.com">coastguardmangalore@rediffmail.com</a> <a href="mailto:icgmrscmangalore@dataone.in">icgmrscmangalore@dataone.in</a>
MRSC Kochi	484 2218969 M-SAR Call: 1554	484 2217164	Inmarsat “C” 441900446 Inmarsat “mini-M” 764907778 (Voice) 764907779 (Fax) 764907780 (Data) e-mail: <a href="mailto:dhq4@indiancoastguard.nic.in">dhq4@indiancoastguard.nic.in</a> <a href="mailto:dhq4opsroom@gmail.com">dhq4opsroom@gmail.com</a>
MRSSC Vadinar	2833 256579 M-SAR Call: 1554	2833 256560	Inmarsat “C” 441900448 Inmarsat “mini-M” 762484114 (Voice) 762484115 (Fax) 762484116 (Data) e-mail: <a href="mailto:cgs-vdr@indiancoastguard.nic.in">cgs-vdr@indiancoastguard.nic.in</a> <a href="mailto:cgsvadinar@yahoo.co.in">cgsvadinar@yahoo.co.in</a> <a href="mailto:icgstn_vdr@sancharnet.in">icgstn_vdr@sancharnet.in</a>
MRSSC Okha	2892 262261 262259 M-SAR Call: 1554	2892 263421	Inmarsat “C” 441900446 Inmarsat “mini-M” 762484056 (Voice) 762484057 (Fax) 762484058 (Data) e-mail: <a href="mailto:cgs-okha@indiancoastguard.nic.in">cgs-okha@indiancoastguard.nic.in</a> <a href="mailto:cocgsokha@yahoo.co.in">cocgsokha@yahoo.co.in</a>

**Eastern Region**

MRCC Chennai CGRHQ(East)	44 25395018 M-SAR Call: 1554	44 23460405	<b>AFTN VOMMYXCG</b> <b>Inmarsat “C” 441922669</b> <b>Inmarsat “mini-M”</b> 764902568 (Voice) 764902569 (Fax) 600938573 (Data) 600938569 (64 Kbits ISDN data) 600938570 (56 Kbits ISDN data) 600938572 (High quality voice) <b>e-mail:</b> mrcc-east@indiancoastguard.nic.in isareast@dataone.in icgmrcc_chennai@dataone.in
MRSC Haldia	3224 267755 M-SAR Call: 1554	3224 264541 263407	<b>Inmarsat “C” 441907110</b> <b>Inmarsat “mini-M” 762484198 (Voice)</b> 762484199 (Fax) 762484210 (Data) <b>e-mail:</b> dhq8@indiancoastguard.nic.in dhq8@dataone.in
MRSC Paradip	6722 223359 M-SAR Call: 1554	6722 222279 220174	<b>Inmarsat “C” 441907710</b> <b>Inmarsat “mini-M” 773137404 (Voice)</b> <b>e-mail:</b> dhq7@indiancoastguard.nic.in
MRSC Vishakhapatnam	891 2547266 M-SAR Call: 1554	891 2567789 2741130	<b>Inmarsat “C” 441907210</b> <b>Inmarsat “mini-M” 762882360 (Voice)</b> 762882361 (Fax) 762882362 (Data) <b>e-mail:</b> dhq6@indiancoastguard.nic.in
MRSC Tuticorin	461 2352046 M-SAR Call: 1554	461 2353503	<b>Inmarsat “C” 441900447</b> <b>Inmarsat “mini-M” 762484086 (Voice)</b> 762484087 (Fax) 762484088 (Data) <b>e-mail:</b> cgs-tut@indiancoastguard.nic.in
MRSSC Mandapam	4573 241634 M-SAR Call: 1554	4573 241142	<b>Inmarsat “C” 441907810</b> <b>Inmarsat “mini-M” 761887344 (Voice)</b> 761887345 (Fax) 761887346 (Data) <b>e-mail:</b> cgs-mdp@indiancoastguard.nic.in

**Andaman & Nicobar Region**

MRCC Port Blair CGRHQ(A&N)	3192 245530 246081 M-SAR Call: 1554	3192 242948	<b>Inmarsat “C” 441908010</b> <b>Inmarsat “mini-M” 762483765 (Voice)</b> 762483766 (Fax) 762483767 (Data) <b>Fleet 77:</b> 764902560 (Voice) <b>e-mail:</b> mrcc-ptb@indiancoastguard.nic.in
MRSC Campbell Bay	3193 264015 264235 M-SAR Call: 1554	3193 264212	<b>Inmarsat “C” 441907910</b> <b>Inmarsat “mini-M” 762483771 (Voice)</b> 762483772 (Fax) 762483773 (Data) <b>e-mail:</b> dhq9@indiancoastguard.nic.in
MRSC Diglipur	3192 272315 M-SAR Call: 1554	3192 272345	<b>Inmarsat “C” 441908110</b> <b>Inmarsat “mini-M” 762483768 (Voice)</b> 762483769 (Fax) 762483770 (Data) <b>e-mail:</b> dhq10@indiancoastguard.nic.in

**Special Notice No. 7 (Page 64)**  
**(Source: ICGHQ, New Delhi)**

*CONTACT DETAILS OF RESOURCES AGENCIES table,  
delete contact details of Indian Coast Guard and replace by,*

<u>Agency</u>	<u>Telephone No</u>	<u>Fax No</u>
Indian Coast Guard		
NMSARCA, New Delhi	011 23384934 23385849 23384165	011 23383196
MRCC, Mumbai	022 24301455 24316558 24388065	022 24316558
MRSC Porbandar	0286 2242451 2244056	0286 2210559
MRSC Goa	0832 2521718	0832 2520584 2520734
MRSC New Mangalore	0824 2405278	0824 2405267
MRSC Kochi	0484 2218969	0484 2217164
MRSSC Vadinar	02833 256579	02833 256560
MRSSC Okha	02892 262261 262259	02892 263421
MRCC Chennai	044 25395018	044 23460405
MRSC Vishakapatnam	0891 2547266	0891 2567789 2741130
MRSC Paradip	06722 223359	06722 222279 220174
MRSC Haldia	03224 267755	03224 264541 263407
MRSC Tuticorin	0461 2352046	0461 2353503
MRSSC Mandapam	04573 241634	04573 241142
MRCC Port Blair	03192 245530 246081	03192 242948
MRSC Diglipur	03192 272315	03192 272345
MRSC Campbell Bay	03193 264015 264235	03193 264212

## **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.

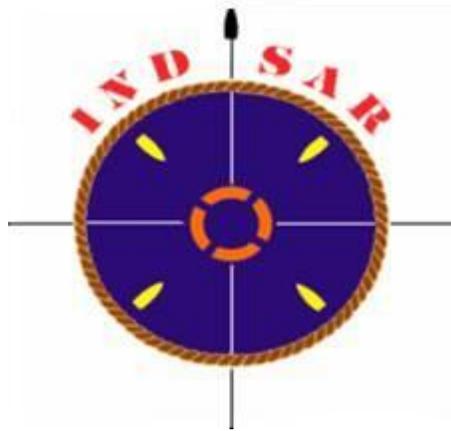


<b>HYDROGRAPHIC NOTE</b>		<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues			
Date		Ref. Number	
Name of the Ship or Sender			
Address			
Tel/FAX/E-mail address			
Observation Date		Time (UTC/IST)	
Object of Changes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

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

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

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



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

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