



# INDIAN NOTICES TO MARINERS



EDITION NO. 22 DATED 16 NOV 2013  
(CONTAINS NOTICES 196 TO 201)

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## CONTENTS

<u>Section No.</u>	<u>Title</u>
I	List of Charts Affected
II	Permanent Notices
III	Temporary and Preliminary Notices
IV	Marine Information
V	NAVAREA VIII Warnings in force
VI	Corrections to Sailing Directions
VII	Corrections to List of Lights
VIII	Corrections to List of Radio Signals
IX	Reporting of Navigational Dangers

(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>
IN2251SD	251	SIR CREEK TO DWARKA	03-10-2013
IN2252OV	252	OKHA TO VERAVAL	19-09-2013

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>
IN122BCC	22	BOMBAY TO CAPE COMORIN	31-07-2013
IN52060S	2060	APPROACHES TO SALAYA	12-09-2013
IN3207DG	207	DIU HEAD TO GOPNATH POINT	17-10-2013
IN2271AG	271	APPROACHES TO GULF OH KATCHCHH	03-10-2013
IN2291DG	291	GWADAR TO DWARKA	03-10-2013
IN2292DM	292	DWARKA TO MUMBAI	03-10-2013

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>
IN122BCC	22	BOMBAY TO CAPE COMORIN	04-06-2013
IN3252OV	251	SIR CREEK TO DWARKA	14-10-2004
IN52056J	252	OKHA TO VERAVAL	14-10-2004
IN2271AG	271	APPROACHES TO GULF OH KATCHCHH	01-11-2010
IN2291DG	291	GWADAR TO DWARKA	02-04-2013
IN2292DM	292	DWARKA TO MUMBAI	02-04-2013
IN3207DG	207	DIU HEAD TO GOPNATH POINT	31-01-2011
IN52060S	2060	APPROACHES TO SALAYA	30-08-2010

## VI

5. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
<b>210</b>	<b>UMARGAM TO SATPATI</b>	<b>150,000</b>	<b>New Edition</b>
<b>2002 (INT 7351)</b>	<b>PORTS OF NEW MANGALORE AND MANGALORE</b>	<b>20,000</b>	<b>New Chart</b>
<b>2010</b>	<b>KARWAR HARBOUR</b>	<b>12,500</b>	<b>New Chart</b>
<b>2105</b>	<b>JAIGARH PORT</b>	<b>12,500</b>	<b>New Chart</b>
<b>2038</b>	<b>RAJAPUR BAY AND VIJAYDURG HARBOUR</b>	<b>25,000</b>	<b>New Chart</b>
<b>2046</b>	<b>VENGURLA ANCHORAGE: REDI ANCHORAGE</b>	<b>25,000</b>	<b>New Chart</b>
<b>2513</b>	<b>COETIVY ISLAND</b>	<b>37,500</b>	<b>New Chart</b>
<b>2506</b>	<b>GRAND BAY AND GRAND RIVIERE NOIRE BAY</b>	<b>25,000</b>	<b>New Chart</b>
<b>2111</b>	<b>VIZHINJAM PORT</b>	<b>7,500</b>	<b>New Chart</b>

### Availability of ENC's.

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

United Kingdom Hydrographic Office 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:- <a href="mailto:data@ecc.no">data@ecc.no</a> Website: - <a href="http://www.primar.org">www.primar.org</a>	

**SECTION – I**

The list of charts affected by the Notices 196 to 201 contained in this edition are as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
20	1	198,199
33	5	197
288	1	200
289	1	198,199,200
473(INT 7031)	6	197
2108	2	196
7508(INT 508)	7	201
7705(INT 705)	1	199



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

**\*196/(22/13) INDIA – WEST COAST – Hazira Port – Jetty. Legend. Cautionary Note.**

Source: Adani Hazira Port Pvt Ltd.

**Chart 2108** [previous update NC 31 Jan 13]

Insert jetty, single firm line, joining:

21° 05′.290N., 72° 37′.650E. (W Border)

21° 05′.040N., 72° 37′.950E.

(a) 21° 05′.013N., 72° 37′.926E.

21° 04′.894N., 72° 37′.900E.

21° 04′.800N., 72° 37′.800E.

21° 04′.930N., 72° 37′.650E. (W Border)

and

(a) above

21° 05′.241N., 72° 37′.650E. (W Border)

and

21° 04′.913N., 72° 37′.650E. (W Border)

21° 04′.893N., 72° 37′.670E.

21° 04′.876N., 72° 37′.650E. (W Border)

and

21° 04′.858N., 72° 37′.650E. (W Border)

21° 04′.885N., 72° 37′.680E.

21° 04′.848N., 72° 37′.720E.

21° 04′.815N., 72° 37′.690E.

21° 04′.848N., 72° 37′.650E. (W Border)

and

(b) 21° 04′.810N., 72° 37′.690E.

21° 04′.840N., 72° 37′.725E.

21° 04′.795N., 72° 37′.776E.

21° 04′.765N., 72° 37′.745E.

(b) above

21° 04′.860N., 72° 37′.740E.

21° 05′.100N., 72° 37′.800E.

21° 04′.985N., 72° 37′.750E.

21° 04′.960N., 72° 38′.270E.

21° 05′.115N., 72° 37′.770E.

21° 04′.910N., 72° 37′.720E.

legend, "MP3"

legend, "CT2"

legend, (*see Note*), centered on :

accompanying note, Dredging in progress (2012),

centered on:

Delete legend, "Under Construction (2012)".

**\*197/(22/13) INDIA – ANDAMAN ISLANDS – Light.**

Source: DLL Port Blair.

**Chart 33** [previous update 088/13]

Delete  Fl.8M

**Chart 473 (INT 7031)** [previous update 063/13]

Delete  Fl.15s22m8M

-----, line joining:

-----, Arc & legend, "Arc of visibility" centered on:

12° 16′.80N., 93° 50′.80E.

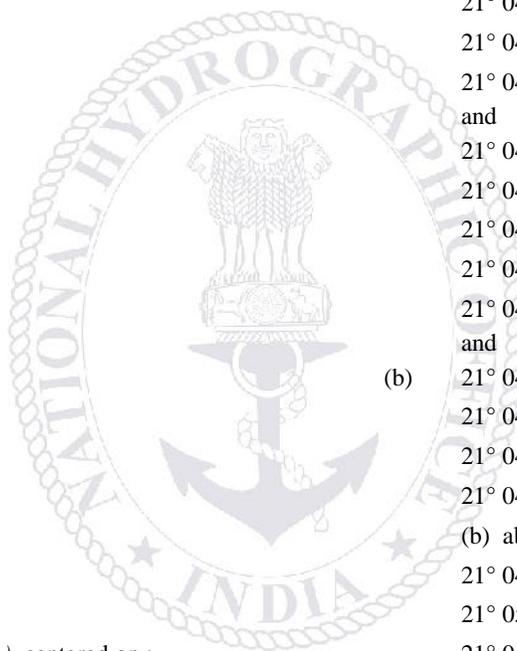
(a) 12° 16′.80N., 93° 51′.00E.

12° 20′.70N., 93° 56′.30E.

(a) above

12° 10′.50N., 93° 53′.00E.

12° 15′.50N., 93° 55′.50E.



**198/(22/13) UNITED ARAB EMIRATES – Qatar to Shatt- Al - Arab – Radar beacon.**

Source: BA Notice 4521/13.

**Chart 20** [previous update 107/13]

Delete Radar beacon, Racon (X), at platform 25° 56′·50N., 52° 41′·30E.

**Chart 289** [previous update 186/13]

Delete Radar beacon, Racon (X), at platform 25° 56′·50N., 52° 41′·30E.

**199/(22/13) UNITED ARAB EMIRATES – Qatar to Shatt- Al - Arab – Wreck.**

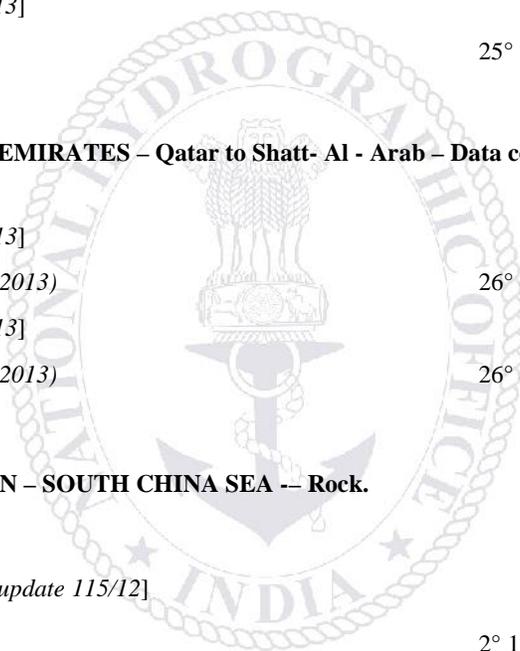
Source: BA Notice 4522/13.

**Chart 7705 (INT 705)** [previous update 175/13]Insert  25° 27′·40N., 54° 26′·90E.**Chart 20** [previous update 198/13]Insert  25° 27′·40N., 54° 26′·90E.**Chart 289** [previous update 198/13]Insert  25° 27′·40N., 54° 26′·90E.**200/(22/13) UNITED ARAB EMIRATES – Qatar to Shatt- Al - Arab – Data collection buoy.**

Source: BA Notice 4868/13.

**Chart 288** [previous update 186/13]Insert  ODAS Rep(2013) 26° 47′·40N., 51° 03′·70E.**Chart 289** [previous update 199/13]Insert  ODAS Rep(2013) 26° 47′·40N., 51° 03′·70E.**201/(22/13) PACIFIC OCEAN – SOUTH CHINA SEA -- Rock.**

Source: BA Notice 4840/13.

**Chart 7508 (INT 508)** [previous update 115/12]Insert  2° 12′·90S., 108° 57′·40E.

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

**NIL**



## **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

## 4.2

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

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

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



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

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

<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:cemarine@bom5.vsnl.net.in">cemarine@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>	

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

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

2. NAVAREA VIII Warnings inforce as on 15 Nov 13:

**2013 SERIES** – 008 012 035 160 197 203 228 303 320 335 343 370 374 428 430 451 473 493 506  
510 540 547 551 577 578 579 582 585 586 597 599 600 610 611 616 617 619 621 623 625 626  
627 628 629 631 633

3. NAVAREA VIII Warnings issued during the period from 01 Nov to 15 Nov 13 (both dates inclusive) are as tabulated below: –

<b>600.</b>	<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 011001 UTC Nov 13.																																																																																										
	<table> <tbody> <tr><td>ABAN III</td><td>19-00.60N</td><td>072-11.96E</td></tr> <tr><td>ABAN IV</td><td>19-06.83N</td><td>070-56.43E</td></tr> <tr><td>BADRINATH</td><td>17-55.79N</td><td>071-24.81E</td></tr> <tr><td>CE THROTON</td><td>19-32.37N</td><td>071-20.91E</td></tr> <tr><td>DEEP SEA FORTUNE</td><td>19-31.79N</td><td>071-22.50E</td></tr> <tr><td>DEEP SEA FOSSIL</td><td>19-20.95N</td><td>071-18.20E</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>19-16.46N</td><td>071-59.83E</td></tr> <tr><td>FG MC CLINTOK</td><td>19-15.34N</td><td>071-21.80E</td></tr> <tr><td>GREAT DRILLER CHAAYA</td><td>19-14.46N</td><td>071-58.88E</td></tr> <tr><td>GREATDRILL CHETNA</td><td>20-32.80N</td><td>071-58.43E</td></tr> <tr><td>GREATDRILL CHITRA</td><td>18-58.76N</td><td>071-37.73E</td></tr> <tr><td>JT ANGEL</td><td>18-47.09N</td><td>072-19.51E</td></tr> <tr><td>KEDARNATH</td><td>19-41.96N</td><td>070-57.23E</td></tr> <tr><td>NOBLE CHARLIE YESTER</td><td>18-42.58N</td><td>072-20.49E</td></tr> <tr><td>NOBLE ED HOLT</td><td>19-12.54N</td><td>072-02.23E</td></tr> <tr><td>NOBLE KENNETH DELANEY</td><td>18-33.76N</td><td>072-17.63E</td></tr> <tr><td>RON TAPMEYER</td><td>18-30.15N</td><td>072-15.92E</td></tr> <tr><td>SAGAR GAURAV</td><td>20-19.56N</td><td>071-18.67E</td></tr> <tr><td>SAGAR JYOTI</td><td>20-26.62N</td><td>071-19.74E</td></tr> <tr><td>SAGAR KIRAN</td><td>18-45.24N</td><td>072-18.00E</td></tr> <tr><td>SAGAR LAXMI</td><td>20-58.00N</td><td>071-33.00E</td></tr> <tr><td>SAGAR PRAGATI</td><td>20-55.76N</td><td>071-31.60E</td></tr> <tr><td>SAGAR UDAY</td><td>20-21.88N</td><td>071-05.87E</td></tr> <tr><td>TRIDENT II</td><td>19-10.40N</td><td>070-57.68E</td></tr> <tr><td>TRIDENT XII</td><td>18-54.77N</td><td>071-49.57E</td></tr> <tr><td>VIRTUE 1</td><td>18-47.00N</td><td>071-59.01E</td></tr> <tr><td>WIDE BERTH REQUESTED</td><td></td><td></td></tr> </tbody> </table>	ABAN III	19-00.60N	072-11.96E	ABAN IV	19-06.83N	070-56.43E	BADRINATH	17-55.79N	071-24.81E	CE THROTON	19-32.37N	071-20.91E	DEEP SEA FORTUNE	19-31.79N	071-22.50E	DEEP SEA FOSSIL	19-20.95N	071-18.20E	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	19-15.34N	071-21.80E	GREAT DRILLER CHAAYA	19-14.46N	071-58.88E	GREATDRILL CHETNA	20-32.80N	071-58.43E	GREATDRILL CHITRA	18-58.76N	071-37.73E	JT ANGEL	18-47.09N	072-19.51E	KEDARNATH	19-41.96N	070-57.23E	NOBLE CHARLIE YESTER	18-42.58N	072-20.49E	NOBLE ED HOLT	19-12.54N	072-02.23E	NOBLE KENNETH DELANEY	18-33.76N	072-17.63E	RON TAPMEYER	18-30.15N	072-15.92E	SAGAR GAURAV	20-19.56N	071-18.67E	SAGAR JYOTI	20-26.62N	071-19.74E	SAGAR KIRAN	18-45.24N	072-18.00E	SAGAR LAXMI	20-58.00N	071-33.00E	SAGAR PRAGATI	20-55.76N	071-31.60E	SAGAR UDAY	20-21.88N	071-05.87E	TRIDENT II	19-10.40N	070-57.68E	TRIDENT XII	18-54.77N	071-49.57E	VIRTUE 1	18-47.00N	071-59.01E	WIDE BERTH REQUESTED		
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<b>601.</b>	<b>NAVAREA VIII</b> – Messages in force as on 011002 UTC Nov 13 <b>2013 SERIES</b> - 008 012 035 160 197 203 228 303 320 335 343 370 374 428 430 451 473 493 506 507 510 536 540 547 551 565 569 577 578 579 582 583 585 586 589 593 595 596 597 599 600 (a) NAVAREA VIII warnings less than 42 days old (506/13 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 081001 UTC Nov 13																																																																																										

<b>602.</b>	<b>India West Coast – Arabian sea.</b> Charts 21 204 252 291 292 INT 73. Firing by naval ships			
	<b>DATE</b>	<b>TIME (UTC)</b>		
	05 NOV 13	0230 TO 0630		
	07 NOV 13	0230 TO 0630		
	08 NOV 13	0230 TO 0630		
2.	DANGER AREA BOUNDED BY			
	(a) 22-18.00N	068-25.00E	(b) 22-05.00N	068-49.00E
	(c) 21-30.00N	068-48.00E	(d) 21-30.00N	069-27.00E
	(e) 21-09.00N	069-40.00E		
3.	SAFE FLYING HEIGHT 7000 METRES			
4.	CANCEL THIS MSG 080730 UTC NOV 13			
<b>603.</b>	<b>India East Coast – Bay of Bengal.</b> Charts 31 32 355 INT 71 INT 706. Firing practice by naval ships from 0330 UTC to 0730 UTC on 11 Nov 13 and 14 Nov 13 in area bounded by			
	(a) 16-30.0N	083-30.0E	(b) 16-00.0N	084-15.0E
	(c) 15-20.0N	084-05.5E	(d) 15-45.0N	083-30.0E
2.	Safe flying height 8000 metres			
3.	Cancel this MSG 140830 UTC Nov 13			
<b>604.</b>	Cancel NAVAREA VIII 589/13 and this MSG. Dolphin's Nose DGPS on air			
<b>605</b>	<b>India West Coast – Gulf of Khambhat.</b> Charts 21 209 210 254 292 INT 71. Firing practice by coast guard aircraft from 0200 UTC to 1030 UTC on 07 Nov 13 in area bounded by			
	(a) 20-18.50N	072-02.50E	(b) 20-18.50N	072-15.00E
	(c) 20-09.50N	072-12.00E	(d) 20-09.50N	072-00.00E
2.	Safe flying height 1600 metres			
3.	Cancel this MSG 071130 UTC Nov 13			
<b>606.</b>	Cancel NAVAREA VIII 602/13. India West Coast – Arabian sea. Charts 21 204 252 291 292 INT 73. Firing by naval ships between 0230 UTC to 0630 UTC from 05 Nov to 08 Nov 13 in area bounded by			
	(a) 22-18.00N	068-25.00E	(b) 22-05.00N	068-49.00E
	(c) 21-30.00N	068-48.00E	(d) 21-30.00N	069-27.00E
	(e) 21-09.00N	069-40.00E		
2.	Safe flying height 7000 metres			
3.	Cancel this MSG 080730 UTC Nov 13			
<b>607.</b>	Cancel NAVAREA VIII 583/13 and this MSG			
<b>608.</b>	<b>Indian Ocean – Western Part.</b> Charts INT 70 INT 71 INT 72. Piracy. M/V attacked in vicinity 05-31S 047-07E at 060340 UTC Nov 13			
2.	Caution advised			
3.	Cancel this MSG 090340 UTC Nov 13			
<b>609.</b>	<b>Indian Ocean – Southern Part.</b> Charts INT 70 INT 72 INT 702. Firing practice by Mauritius Coast Guard aircraft from 0030 UTC to 0230 UTC on 08 Nov 13. Danger area bounded by			
	(a) 19-28S	057-26E	(b) 19-34S	057-26E
	(c) 19-34S	057-33E	(d) 19-28S	057-33E
2.	Safe flying height 915 metres			
3.	Cancel this MSG 080330 UTC Nov 13			
<b>610.</b>	<b>India West Coast – Gulf of Kachchh.</b> Charts 21 203 2013 2031 2068 INT 71 INT 72 INT 705. Samiyani island north lighthouse unlit since 0230 UTC 14 Oct 13			
<b>611.</b>	<b>India East Coast- Bay of Bengal.</b> Charts 31 351 352 INT 71 INT 706. Dynamic trial of artillery rocket scheduled from PXE between 0500 UTC to 0800 UTC and 0930 UTC to 1030 UTC from 13 Nov to 16 Nov 13. Danger zone bounded by			
	(a) 21-24.08N	086-58.40E	(b) 21-08.06N	087-35.10E
	(c) 20-57.33N	087-27.01E	(d) 20-49.85N	087-15.46E
2.	Caution advised			
3.	Cancel this MSG 161130 UTC Nov 13			
<b>612.</b>	Cancel NAVAREA VIII 569/13 593/13 and this MSG. INM 194/13 190/13 of INM edition 21/13 refers			
<b>613.</b>	Cancel NAVAREA VIII 609/13. Indian Ocean-Southern Part. Charts INT 70 INT 72 INT 702. Firing practice by Mauritius Coast Guard aircraft from 0600 UTC to 0800 UTC on 08 NOV 13. Danger area bounded by			
	(a) 19-28S	057-26 E	(b) 19-34S	057-26E
	(c) 19-34S	057-33E	(d) 19-28S	057-33E
2.	Safe flying height 915 metres			
3.	Cancel this MSG 080900 UTC Nov 13			
<b>614.</b>	Cancel NAVAREA VIII 596/13 and this MSG			

615. Nov 13	<b>India East Coast – Bay of Bengal.</b> Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 081002 UTC ABAN II 16-39.14N 082-22.05E ACTINIA 16-33.72N 082-28.35E DEEP SEA MATDRILL 16-24.55N 082-02.92E DSR DHIRUBHAI DEEPWATER KG-1 16-31.92N 082-33.65E DSR DHIRUBHAI DEEPWATER KG-2 12-12.80N 080-12.70E DSR PLATINUM EXPLORER 19-37.30N 086-25.10E GSF-140 16-31.68N 082-28.43E 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 16-25.32N 082-23.85E Wide berth requested 2. Cancel NAVAREA VIII 507/13
616.	NAVAREA VIII – Messages in force as on 081002 UTC Nov 13 <b>2013 SERIES</b> - 008 012 035 160 197 203 228 303 320 335 343 370 374 428 430 451 473 493 506 510 536 540 547 551 577 578 579 582 585 586 597 599 600 603 608 610 611 614 615 (a) NAVAREA VIII warnings less than 42 days old (510/13 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 151003 UTC Nov 13
617.	<b>India West Coast – off Mumbai.</b> Charts 21 22 255 293 INT 705. Unlit moored buoy reported in vicinity 18-54.6N 071-36.4E 2. Caution advised 3. Cancel this MSG 131700 UTC Nov 13
618.	<b>Indian Ocean – Western Part.</b> Charts INT 70 INT 71 INT 72. Piracy. M/V attacked in vicinity 07-20S 048-37E at 091405 UTC Nov 13 2. Caution advised 3. Cancel this MSG 140530 UTC Nov 13
619.	<b>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 1200 UTC to 1400 UTC on 21 Nov 13 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 211500 UTC Nov 13
620.	Cancel NAVAREA VIII 618/13 and this MSG.
621.	<b>India West Coast – Okha.</b> CHARTS 21 202 203 251 271 291 2013 2068 INT 705. firing by naval COAST battery between 0530 UTC to 0730 UTC on 19 Nov 13 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 190830 UTC Nov 13
622.	<b>Indian Ocean – Southern Part.</b> Charts INT 70 INT 71. Red coloured fishing boat (length-15 metres) reported adrift in vicinity 04-16S 067-04E 2. Caution advised 3. Cancel this MSG 151003 UTC Nov 13
623.	<b>India West Coast – Munambam.</b> Charts 220 2029 INT 71. M V Sea angel wreck buoy (10-08.20N 076-02.90E) light unlit
624.	<b>India East Coast – Bay of Bengal.</b> charts 31 32 33 308 354 INT 71 INT 706. Experimental flight trial scheduled from ITR launch complex between 0400 UTC to 0830 UTC on 20 Nov and 21 Nov 13. danger zone bounded by (a) 18-15.98N 085-45.86E (b) 18-05.28N 087-39.81E (c) 18-18.76N 089-18.13E (d) 18-57.58N 089-15.76E (e) 19-35.21N 089-05.53E (f) 19-18.41N 087-27.05E (g) 18-32.05N 085-42.90E 2. Caution advised 3. Cancel this MSG 210930 UTC Nov 13

<p><b>625. India East Coast- Bay of Bengal.</b> Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 131001 UTC Nov 13</p> <table> <tbody> <tr> <td>ABAN II</td> <td>16-39.14N</td> <td>082-22.05E</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>16-31.92N</td> <td>082-33.65E</td> </tr> <tr> <td>DSR DHIRUBHAI DEEPWATER KG-2</td> <td>12-12.80N</td> <td>080-12.70E</td> </tr> <tr> <td>DSR PLATINUM EXPLORER</td> <td>19-37.30N</td> <td>086-25.10E</td> </tr> <tr> <td>GSF-140</td> <td>16-31.68N</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>16-12.99N</td> <td>081-43.41E</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>16-25.32N</td> <td>082-23.85E</td> </tr> </tbody> </table> <p>WIDE BERTH REQUESTED</p> <p>2. Cancel NAVAREA VIII 615/13</p>	ABAN II	16-39.14N	082-22.05E	ACTINIA	16-33.72N	082-28.35E	DEEP SEA MATDRILL	16-24.55N	082-02.92E	DSR DHIRUBHAI DEEPWATER KG-1	16-31.92N	082-33.65E	DSR DHIRUBHAI DEEPWATER KG-2	12-12.80N	080-12.70E	DSR PLATINUM EXPLORER	19-37.30N	086-25.10E	GSF-140	16-31.68N	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	16-25.32N	082-23.85E
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DSR GSF EXPLORER	16-25.32N	082-23.85E																																					
<p><b>626. India West Coast-off Navadra.</b> Charts 21 204 252 292 INT 71 INT 705. Yellow colored SPM buoy retrieved from sunken position</p> <p>2. Mooring chains lying at bottom in position 21-55.99N 069-09.84E marked with 3 cylindrical buoys with yellow light flashing "U" every 15 sec.</p> <p>3. Marker buoys will remain till april-2014.</p> <p>4. Caution advised</p>																																							
<p><b>627. India East Coast - Gopalpur.</b> Charts 31 352 353 391 3005 INT 706. Firing by army between 2330 UTC to 1800 UTC from 18 Nov to 20 Nov 13 in area bounded by</p> <table> <tbody> <tr> <td>(a)</td> <td>19-14.60N</td> <td>084-53.70E</td> <td>(b)</td> <td>19-37.05N</td> <td>085-27.15E</td> </tr> <tr> <td>(c)</td> <td>18-46.05N</td> <td>085-22.87E</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>and arc of 41 NM radius joining point (b) and (c)</p> <p>2. Safe flying height 6100 metres</p> <p>3. Cancel this MSG 201900 UTC Nov 13</p>	(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.15E	(c)	18-46.05N	085-22.87E																														
(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.15E																																		
(c)	18-46.05N	085-22.87E																																					
<p><b>628.</b> Cancel NAVAREA VIII 624/13. India East Coast- Bay of Bengal. Charts 31 32 33 308 354 INT 71 INT 706. Experimental flight trial scheduled from ITR launch complex between 0400 UTC to 0830 UTC on 22 Nov and 23 Nov 13. Danger zone bounded by</p> <table> <tbody> <tr> <td>(a)</td> <td>18-15.98N</td> <td>085-45.86E</td> <td>(b)</td> <td>18-05.28N</td> <td>087-39.81E</td> </tr> <tr> <td>(c)</td> <td>18-18.76N</td> <td>089-18.13E</td> <td>(d)</td> <td>18-57.58N</td> <td>089-15.76E</td> </tr> <tr> <td>(e)</td> <td>19-35.21N</td> <td>089-05.53E</td> <td>(f)</td> <td>19-18.41N</td> <td>087-27.05E</td> </tr> <tr> <td>(g)</td> <td>18-32.05N</td> <td>085-42.90E</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2. Caution advised</p> <p>3. Cancel this MSG 230930 UTC Nov 13</p>	(a)	18-15.98N	085-45.86E	(b)	18-05.28N	087-39.81E	(c)	18-18.76N	089-18.13E	(d)	18-57.58N	089-15.76E	(e)	19-35.21N	089-05.53E	(f)	19-18.41N	087-27.05E	(g)	18-32.05N	085-42.90E																		
(a)	18-15.98N	085-45.86E	(b)	18-05.28N	087-39.81E																																		
(c)	18-18.76N	089-18.13E	(d)	18-57.58N	089-15.76E																																		
(e)	19-35.21N	089-05.53E	(f)	19-18.41N	087-27.05E																																		
(g)	18-32.05N	085-42.90E																																					
<p><b>629. 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 1200 UTC to 1400 UTC on 25 Nov 13</p> <p>2. Danger zones</p> <p>(a) Sector of radius 05 NM from launcher between azimuth angles 190 degree and 300 degree</p> <p>(B) Sector of radii 45 NM and 75 NM from the launcher between azimuth angles 220 degree and 260 degree</p> <p>3. Cancel this MSG 251500 UTC Nov 13.</p>																																							
<p><b>630. Cancel NAVAREA VIII 536/13 and this MSG.</b></p>																																							
<p><b>631. NAVAREA VIII-Messages in force as on 141002 UTC Nov 13</b></p> <p><b>2013 series</b> - 008 012 035 160 197 203 228 303 320 335 343 370 374 428 430 451 473 493 506 510 540 547 551 577 578 579 582 585 586 597 599 600 610 611 619 621 622 623 625 626 627 628 629 630</p> <p>(a) NAVAREA VIII Warnings less than 42 days old (540/13 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 <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 221003 UTC Nov 13.</p>																																							
<p><b>632. Cancel NAVAREA VIII 611/13 and this MSG.</b></p>																																							

**633. Bay of Bangal-Southern Portion** (.) Charts 32 33 INT 71 INT 73 INT 706 (.) Yellow Green and blue coloured Sri Lankan boat Surtatha-2 (length 12 metres, Reg No. IMUL-A-0101MTR) reported adrift in vicinity 10-52N 081-52E due to engine failure on 15 Nov 13 with five crew onboard  
2. Vessels transiting through the area to keep sharp look out and render assistance.



## SECTION – VI

### CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

West Coast of India Pilot (INP-1)

Chapter - 7 (Page 220)

(Source: INS Nirdeshak, ROS C (N)-531 and Angre Port. L.td)

*Insert new article after article 7.107d,*

#### **Angre Port**

##### **7.107e**

*Chart 2105*

**1 Position.** Angre port (17°17'N, 73°14'E), all weather port, lies along the southern bank of the Shastri River at Jaigarh in Ratnagiri district of Maharashtra. The port is approx. 110 nm south of Mumbai and 126 nm North of Goa.

**2 Function.** A well sheltered harbour constructed by Chowgules (estd. in 1916). This port is an all-weather port handling all types of cargo.

**3 Port Authority.** Manager (Operational), Angre Port Private Ltd., Sande Lavgan, P.O.-Jaigad, Tal. & Dist.-Ratnagiri – 415614, Maharashtra, India.

**4 Port Operations.** Being an all-weather port, it is normally open throughout the year and operates 24x7 hours for berthing, pilotage & towage.

**5 Approach Channel.** The jetty is approached through a 5.5 kms length and 160 mtrs width buoyed channel which leads in SE direction from the fairway light buoy (safe water) (17°19'.84N, 73° 11'.14E). The channel is marked with buoys. At the end of the channel there is a turning circle, 440 mtrs in diameter, near main berthing area.

**6 Tides and current.** Tides are semi-diurnal with average variation of 2.80 mtrs.

#### **7 Harbour Information.**

**Mora Sands,** a drying sand pit exists from east of channel buoy no. 14, 12 and 10 till Tavsai Point.

**Ferry point** is situated North-north-east of channel buoy no. 11.

**A ship lift facility** is also developed east of Angre jetty.

**8 Pilotage** is available and boarding point is 17°19'.90N, 73°10'.80E (0.34 nm WNW from the fairway Lt. buoy).

**9 Anchorages.** Anchorage area for the waiting ship is bounded by following co-ordinates: -

17°19'.82N, 73°09'.16E

17°19'.82N, 73°10'.08E

17°20'.54N, 73°10'.08E

17°20'.54N, 73°09'.16E

**10 Berths.** A total quay length of 350 mtrs either side with 43 mtrs width having four berths, one berth for liquid cargo while another three berths uses for containers/multipurpose facilities. An approach jetty is also available for berthing of small tugs.

**11 Tugs.** Two tugs of 40 tons bollard pull each available.

**12 Crane.** One mobile crane of 65 tons capacity is available.

**13 Ship lifts facilities.** Port is capable of handling hull, machinery and underwater repair at ship repair yard. Ship lift facility can handle vessels of Maximum LOA-116m, and beam-24m.

**14 Local weather.** Normally, throughout the year winds are from NW direction but during the monsoon (June to September) wind are from SW directions and sea state at the roads is moderate to heavy.

**15 Rescue and Distress.** Coast Guard ships and Customs dept. are available for search and rescue in case of any emergency.

#### **16 Port Services**

**Supplies.** Fuel, Freshwater.

**Facilities.** Police, Fire Brigade, Ambulance, Radio telegrams, Navigational warnings and weather bulletins, Fire fighting.

**Repairs.** Underwater examinations available at ship lift facility.

#### **17 Communications.**

**VHF Channel.** Ch 14; 16

**Nearest Airport.** Ratnagiri

**Nearest Railway.** Ratnagiri

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

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7020	-- Ldg Lts 155°. Front	25 01.50 S 47 00.00 E	F R	12	7	White square tower, red lantern 12	*
D7085-15	- Tenon (FR)	21 07.50 S 55 47.20 E	Q R	4	2	White round post, red top	*
D7088.8	Port de Sainte Pierre. Jetty. Head (FR)	21 20.66 S 55 28.62 E	FI (2)G 6s	4	3	White and green cylindrical pole	*
D7089.1	-	21 20.70 S 55 28.67 E	FI(2)R 6s	4	3	White and red cylindrical pole	*
F0381.4	SPM-3	22 36.57 N 69 49.93 E	Mo(U) W 15s	..	..	Platform	
-	-	..	Horn Mo(U) 15s	..	..	..	ILRS Vol 2 Station 78827 TR 2012
-	-	..	Racon	..	..	..	
F1223	Katchall Island. Kalchall East Bay	08 00.40N 93 24.20E	FI W 5s	43	10	Red and White metal trestle tower 24	*
F1223.4	- Katchall West Bay	07 55.60 N 93 19.50 E	FI(3)W 15s	17	10	Black and White metal trestle tower 12	*
F1234	- Pulau Marit	00 01.05 N 98 15.90 E	FI W 4s	15	15	White metal framework tower 15	fl 0.5 Destroyed (T) 2013
F1362.3	Deleted; Remove from list						*
F9526.317	- F14DR-A	04 56.89 N 112 31.70 E	Mo(U)W 15s	..	..	Platform	*
K0825.5	Port Refuge. Ldg Lts 192.4°. Front (AU)	12 06.33 S 96 51.79 E	Q Y	..	..	Δ on beacon	*
K0825.51	-- Rear. 815m from front. Griffiths (AU)	12 06.75 S 96 51.70 E	FI W 3s	..	..	∇ on beacon	fl 1
K0839.1	-- Rear (ID)	00 03.53 S 98 17.92 E	FI W 5s	18	10	White Beacon 18	fl 0.5. TE 2013
K0839.4	- Pulau Hibao Tello (ID)	00 03.00 S 98 17.07 E	FI W 4s	8	6	White framework tower 16	fl 0.5. TE 2013
K0861.5	Gosong Gedang (ID)	01 03.11 S 100 15.13 E	Q(3)W 6s	17	10	White framework tower 15	(fl 0-5, ec 0-5) x 2, fl 0-5, ec 3-5. Ra refl. Destroyed(T) 2013
K0883.7	- Pulau Singisingi (ID)	03 07.86 S 100 28.76 E	FI W 5s	14	12	White beacon	fl 0.5 TE 2013
K1139.42	-	06 25.97 S 110 43.83 E	Q Y	6	9	Yellow x on Yellow beacon	TE 2013
K1158.85	- Gresik. Gas Pipeline (ID)	07 07.92 S 112 39.28 E	FI W 5s	15	6	White beacon	fl 0.5. Ra refl. Missing(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. 20 dated 16 Oct 2013)*

NIL

**INP 31(5), 2011**

*(Last correction: Edition No. 19 dated 01 Oct 2013)*

**PAGE 121, Chapter 09, MARITIME SAFETY INFORMATION (MSI) UNDER GMDSS, MAVAREA VIII (India), National Coordinators, Contact details table, rows 2, 5 and 6.**

*Delete and replace by:*

<b>Myanmar</b>	+95-31-31669 +95-31-291349	+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

**(Source: BA 45/13)**

**(22/13)**

**PAGE 168, Chapter 10, DISTRESS, SEARCH AND RESCUE, INDONESIA:**

*Delete and replace by:*

<b>INDONESIA</b>			
<b>National SAR Agency:</b> Baden SAR National (BASARNAS)			
<b>Address:</b> Jl. Angkasa Blok B 15 Kav 2-3 Kemayoran, Jakarta pusat – Indonesia 10720			
<b>Tel:</b> +62 21 65867510 & 65867511			
<b>Fax:</b> +62 21 65857512			
<b>e-mail:</b> basarnas@basarnas.go.id			
	<b>Telephone +62</b>	<b>Fax +62</b>	<b>Others</b>
RCC JAKARTA (Soekarno-Hatta Airport) (Cospas-Sarsat SPOC)	21 5501512	21 55915697 21 5501513	<b>AFTN</b> WIIIIICYX <b>email</b> Kansar.jkt@gmail.com
RSC BANDA ACEH	651 33876 651 21324	651 33876	<b>AFTN</b> WITTYCYX <b>email</b> Kansaraceh@gmail.com
RCC MEDAN	61 8225111	61 8225111	<b>AFTN</b> WIMMYCYX <b>email</b> sarmedan@gmail.com
RCC PADANG	751 484534	751 484534	<b>email</b> sarcom_padang@yahoo.co.id

	<b>Telephone +62</b>	<b>Fax +62</b>	<b>Others</b>
RSC PEKANBARU	761 674821 761 679991	761 676758	<b>AFTN</b> WIBBYCYX <b>email</b> sar.pekanbaru@yahoo.co.id
RSC PALEMBANG	711 417602 711 418372	711 417602	<b>AFTN</b> WIPPYCYX <b>email</b> sar_palembang@yahoo.co.id
RSC PONTIANAK	561 721234	561 721234	<b>AFTN</b> WIOOYCYX <b>email</b> Ops_kom105ptk@yahoo.com
RSC TANJUNG PINANG	771 319300	771 319309	<b>AFTN</b> WIDNYCYX <b>email</b> sar.x.tanjungpinang@gmail.com
RSC SEMARANG	24 7628345 24 7629192	24 7629189	<b>AFTN</b> WARSYCYX <b>email</b> sar_semarang@yahoo.co.id
RSC BANDUNG	22 7780414 22 7780413 22 7780416	22 7780437	<b>email</b> kansarbandung@gmail.com
RSC PANGKAL PINANG	717 4261338	717 4261338	<b>email</b> kansar_pangkalpinang@yahoo.com
RSC JAMBI	741 571111	741 571111	<b>email</b> kansarjambi@yahoo.com
RSC BENGKULU	736 5500666	736 5500666	
RSC LAMPUNG	721 7697026	721 7697026	<b>email</b> sarlampung@gmail.com
RSC SURABAYA	31 8666611 31 8669611	31 8667111	<b>AFTN</b> WAGGYCYX <b>email</b> surabayarescue@yahoo.co.id
RCC DENPASAR	361 703300 361 705536	361 705579 361 705536	<b>AFTN</b> WADDYCYX <b>email</b> sar.denpasar@yahoo.com
RSC BANJARMASIN	511 4707911	511 4707856	<b>AFTN</b> WRBBYCYX <b>email</b> Basarnas_202@yahoo.co.id
RSC BALIKPAPAN	542 762111	542 760366	<b>AFTN</b> WALLYCYX <b>email</b> sar203balikpapan@gmail.com
RSC MATARAM	370 633253	370 639785	<b>email</b> sar_mataram@yahoo.co.id
RCC MAKASSAR	411 550024 411 555515	411 554852	<b>email</b> kansar_makassar@yahoo.co.id
RSC AMBON	911 323774 911 3302860	911 323782	<b>email</b> sar.ambon@basarnas.go.id
RSC MANADO	438 51995	438 52189	<b>email</b> sar_manado@gmail.com
RSC KUPANG	380 881573	380 881573	<b>email</b> kantorsarkupang@yahoo.com
RSC KENDARI	401 3196557	401 3196558	<b>email</b> sar_kdi@yahoo.co.id
RSC PALU	451 481110	451 481009	
RSC TERNATE	931 3120069	931 3120068	<b>email</b> sarternate@yahoo.co.id
RSC GORONTALO	435 828469	435 828469	
RCC BIAK	981 21111 981 25911	981 23330	<b>email</b> sar.biak@yahoo.co.id

	Telephone +62	Fax +62	Others
RCC JAYAPURA	967 591093 967 593785	967 591956	<b>email</b> sar_jayapura@yahoo.com
RSC SORONG	951 3102316	951 329220	<b>email</b> kantor.sar.sorong@gmail.com
RSC MERAUKE	971 321158 971 321108 971 321015	971 321158	<b>email</b> kansarmrk@yahoo.com
RSC TIMIKA	901 3125190	901 3125189	<b>email</b> sar_timika1@yahoo.co.id
RSC MANOKWARI	986 213263	986 213263	<b>email</b> sar.manokwari@gmail.com

(Source: BA 45/13)

(22/13)

**INP 31(6), 2012**

(Last correction: Edition No. 19 dated 01 Oct 2013)

**PAGE 28, INDIA**Insert entry above **AZHIKKAL Port**,**ANGRE****17° 17'N 73° 14'E****Pilots and Port****CONTACT DETAILS:****Port**

Call: Angre port control  
 VHF Channel: Ch 14; 16  
 Telephone: +91(0)2357 242491  
 E-mail: marketing.appl@chowgule.co.in  
 Website: www.angreport.com

**Deputy Conservator**

Telephone: +91(0) 9967638312 (Mobile)  
 E-mail: pendse.appl@chowgule.co.in

**Manger (Operational)**

Telephone: +91(0) 8308672557

**HOURS:** H24**PROCEDURE:**

- (1) **Pilotage is** available and should be requested from Angre Port Control.
- (2) **Pilot boards** in position 17° 19'.9N 73° 10'.8E.

(Source: **INHO**)

(22/13)

**PAGE 117, MALDIVES, MALE, Pilots and Port, PROCEDURE, Section (3):**

Delete and replace by:

- (3) **Pilot boards** in position 04° 10'.00N 73° 33'.00E.

(Source: **BA 43/13**)

(22/13)

## **SECTION – IX**

### **REPORTING OF NAVIGATIONAL DANGERS**

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

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

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

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

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

#### **Position Reporting**

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

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

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

#### **Depth Reporting**

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

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

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

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

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

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

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

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



<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			

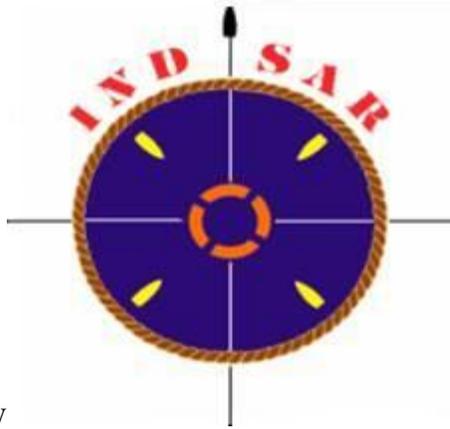
<b>7. TUGS (Continued)</b>	
Requesting authority	
Availability timing / Communication	
Hiring charges	
<b>8. BERTHING AND WHARVES</b>	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
<b>9. CARGO HANDLING</b>	
Containers	
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>	

*To accompany Indian Notice to Mariners 196/13*  
*Chart 2108*

DREDGING IN PROGRESS (2012)

Dredging is in progress between the berths. Mariners are advised to contact Port authorities for latest information.



Wt181ALW

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

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

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

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