



INDIAN NOTICES TO MARINERS



EDITION NO. 09 DATED 01 MAY 2012

(CONTAINS NOTICES 120 TO 126)

REACH US 24 x 7



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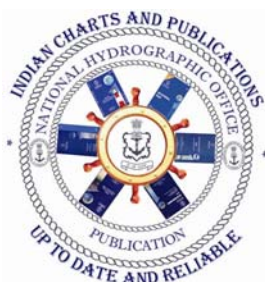
www.hydrobharat.nic.in

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

FEEDBACK: msis-inho-navy@nic.in



INSIST ON INDIAN CHARTS AND
PUBLICATIONS
Original, Authentic and Up-to-Date



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Government of India at the above mentioned address/fax number/ E mail address immediately on discovering new or suspected dangers to navigation, changes/defects pertaining to navigational aids, and shortcomings in Indian charts/publications. The Hydrographic Note [Form IH – 102] is a convenient form to notify such changes. Specimen form is attached at Section IX with this notice. Also visit our website for downloading and filling up instructions for Hydrographic Note.

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

Corrections to Charts and Publications. Section I comprises List of Charts affected by the notices contained in this edition. Whereas sections II and III contain information for correcting the charts and publications. Mariners should insist on corrected charts from their chart distributors/agents.

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart 5020 (INT 1).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

Temporary and Preliminary Notices. These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. SI Nos. of those in force are published quarterly on 01 Jan, 01 Apr, 01 Jul and 01 Oct, and their text is published in Annual Edition of Indian Notices to Mariners. They should be inserted in pencil, by the user, on receipt.

Source of Information. A star preceding the number of a Notice indicates that the notice is promulgated by INHO based on original information received.

Sailing Directions. Corrections for the Sailing Directions (Pilots) are given in Section VI.

Lights. Corrections to Indian List of Lights are given in Section VII, where affected Light List number is quoted.

- (a) These corrections should be incorporated as per instructions given on page XI of the List of Lights.
- (b) Such correction notices to list of lights may be published in either an earlier or a later Edition of N to M than the Edition containing the Notice to the chart correction.
- (c) The range of a light given is its nominal range. Its geographical range is given in parenthesis only if it is less than the nominal range.
- (d) A star indicates that the corresponding field is to be amended and all stars indicate that new light is to be inserted.

Radio Signals. The corrections in Section VIII should be cut and pasted in the appropriate volume of the List of Radio Signals.

Radio Navigational Warnings.

- (a) These are broadcast as serially numbered NAVAREA warnings by the concerned NAVAREA coordinator through GMDSS and Area Radio Broadcasts.
- (b) They contain important information affecting navigational safety, which cannot await the publication of the next edition of N to M.
- (c) It should be borne in mind that they may be based on reports which cannot always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid overloading 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, ENCs AND PUBLICATION

1. The new Indian Chart that is available for mariners in the market is as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2503	31-03-2012	APPROACHES TO CARGADOS CARAJOS SHOALS (SAINT BRANDON). <u>Limits</u> 16° 13.00S; 59° 49'.00E. 16° 53.00S; 59° 22'.00E.	75,000	1	Rs. 1527.00

2. The new edition Indian Charts that are available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
213	29-02-2012	RATNAGIRI TO VENGURLA <u>Limits</u> 17° 05'.00N; 73° 40'.00E. 15° 44'.25N; 72° 46'.00E.	1,50,000	3	Rs. 1527.00
214	31-03-2012	VENGURLA TO BETUL <u>Limits</u> 15° 56'.50N; 74° 04'.00E. 15° 04'.75N; 72° 41'.00E.	1,50,000	3	Rs. 1527.00

3. The Indian Charts permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
213	29-02-2012	RATNAGIRI TO VENGURLA	213	15-04-2006
214	31-03-2012	VENGURLA TO BETUL	214	15-06-2002
2503	31-03-2012	APPROACHES TO CARGADOS CARAJOS SHOALS	2503	31-03-2009

4. 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>Publication Date</i>
IN62107W.000	2107	MUNDRA PORT – WEST BASIN	13-04-2012

5. 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>Publication Date</i>
IN2293MN.000	293	MUMBAI TO NEW MANGALORE	16-04-2012

VI

6. 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>
IN2293MN	293	MUMBAI TO NEW MANGALORE	02-02-2010

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
207	DIU HEAD TO GOPINATH POINT	1,50,000	New Edition
2009	BETUL ANCHORAGE	30,000	New Edition
	BELEKERI ANCHORAGE	30,000	New Edition
2086	APPROACHES TO PORT LOUIS	37,500	New Edition
	PORT LOUIS	12,500	New Edition

Availability of ENC's.

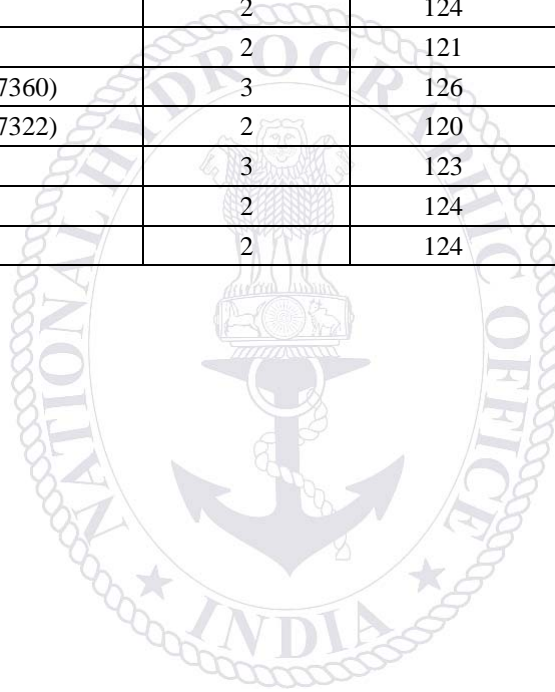
The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the world wide network of their agents and distributors. Updates are also made available as per the existing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

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

SECTION – I

The lists of charts affected by the Notices 120 to 126 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
208	2	121, 124
209	2	124
211	3	122
213	3	125
254 (INT 7331)	2	124
255 (INT 7334)	3	122
256 (INT 7340)	3	125
2004 (INT 7359)	3	126
2016 (INT 7336)	3	122
2019	2	124
2039	2	124
2044	2	121
2045 (INT 7360)	3	126
2059 (INT 7322)	2	120
2065	3	123
2101	2	124
2102	2	124



SECTION – II
PERMANENT NOTICES

***120/(09/12) INDIA – WEST COAST – Kandla - Sogal Channel – Kandla Creek – Jetty.**

Source: Kandla Port Trust

(HJ/1130/39)

Chart 2059 (PLAN) (INT 7322) [previous update 100/12]

Insert  jetty, single firm line, joining: 23° 00′.48N., 70° 13′.39E. (Shore)
 (a) 23° 00′.48N., 70° 13′.41E.
 (b) 23° 00′.54N., 70° 13′.40E.
 legend, “*Flotilla Jetty*” along: (a)-(b) above

Former INM 105(T)/12 is cancelled.

***121/(09/12) INDIA – WEST COAST – Gulf of Khambhat – Southern Portion – Buoy.**

Source: DLL Jamnagar.

(HJ/1130/27)

Chart 2044 [previous update 267/11]

Move  *Fl.R.5s*, from: 21° 15′.68N., 72° 11′.40E.
 to: 21° 16′.27N., 72° 11′.62E.

Chart 208 [previous update 267/11]

Insert  *Fl.R.5s* 21° 16′.27N., 72° 11′.62E.
 Delete  *Fl.R.5s* 21° 15′.68N., 72° 11′.40E.

Former INM 155(T)/11 is cancelled.

***122/(09/12) INDIA – WEST COAST – Inner Approaches to Mumbai – Wreck.**

Source: NHO.

(HJ/1030/12)

Chart 2016 (INT 7336) [previous update 073/12]

Insert  PA 18° 53′.35N., 72° 52′.33E.

Chart 211 [previous update 060/12]

Insert  PA 18° 53′.35N., 72° 52′.33E.

Chart 255 (INT 7334) [previous update 060/12]

Insert  PA 18° 53′.30N., 72° 52′.36E.

***123/(09/12) INDIA – WEST COAST – Port Dabhol – Buoys.**

Source: RGPPL, Dabhol.

(HJ/1030/76)

Chart 2065 [previous update 107/12]

Insert  *Fl.G, 10s* 17° 31′.43N., 73° 08′.21E.
 *GL 11*
 *Fl.(2)G, 15s* 17° 31′.24N., 73° 08′.41E.
 *GL 12*

***124/(09/12) INDIA – WEST COAST – Gulf of Khambhat – Northern Portion – Fouls.**

Source: NAVAREA VIII - 234/12

(HJ/1130/27)

Chart 208 [previous update 121/12]

Insert #

21° 38'.38N.,72° 25'.05E.
 21° 41'.45N.,72° 24'.99E.
 21° 41'.87N.,72° 25'.25E.
 21° 41'.16N.,72° 23'.56E.
 21° 40'.37N.,72° 28'.21E.
 21° 36'.97N.,72° 24'.51E.
 21° 41'.97N.,72° 22'.91E.
 21° 38'.47N.,72° 25'.31E.
 21° 40'.67N.,72° 22'.51E.
 21° 42'.27N.,72° 28'.01E.
 21° 41'.54N.,72° 26'.02E.
 21° 39'.67N.,72° 27'.01E.
 21° 40'.41N.,72° 27'.78E.

Chart 254 (INT 7331) [previous update 267/12]

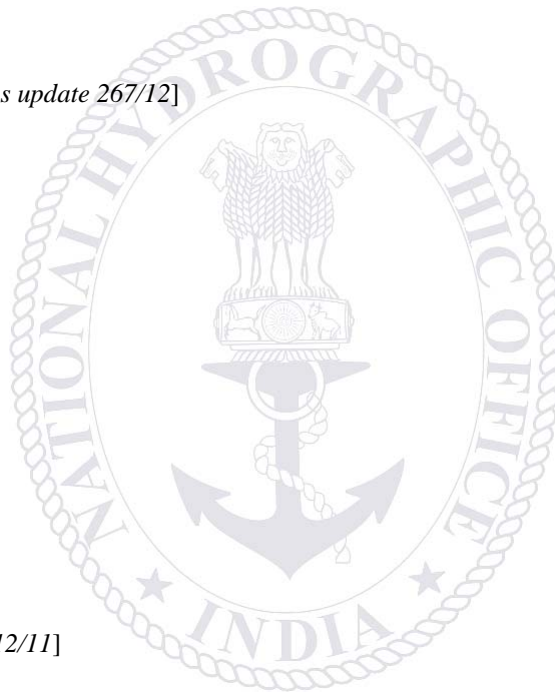
Insert #

21° 41'.45N.,72° 24'.99E.
 21° 41'.87N.,72° 25'.25E.
 21° 41'.36N.,72° 23'.62E.
 21° 40'.37N.,72° 28'.21E.
 21° 36'.97N.,72° 24'.51E.
 21° 41'.97N.,72° 22'.91E.
 21° 38'.47N.,72° 25'.31E.
 21° 40'.67N.,72° 22'.51E.
 21° 42'.27N.,72° 28'.01E.
 21° 41'.54N.,72° 26'.02E.
 21° 39'.67N.,72° 27'.01E.
 21° 01'.86N.,72° 36'.09E.

Chart 2039 [previous update 212/11]

Insert #

21° 38'.37N.,72° 25'.07E.
 21° 41'.44N.,72° 25'.01E.
 21° 41'.86N.,72° 25'.27E.
 21° 41'.35N.,72° 23'.58E.
 21° 41'.15N.,72° 23'.58E.
 21° 40'.36N.,72° 28'.23E.
 21° 36'.96N.,72° 24'.53E.
 21° 41'.96N.,72° 22'.93E.
 21° 38'.46N.,72° 25'.33E.
 21° 40'.66N.,72° 22'.53E.
 21° 42'.26N.,72° 28'.03E.
 21° 41'.53N.,72° 26'.04E.
 21° 39'.66N.,72° 27'.03E.
 21° 40'.40N.,72° 27'.80E.



***124/(09/12) INDIA – WEST COAST – Gulf of Khambhat – Northern Portion – Fouls. (Continued)**

Source: NAVAREA VIII - 234/12

(HJ/1130/27)

Chart 209 [previous update 259/11]

Insert # 21° 01'.86N.,72° 36'.09E.

Chart 2102 [previous update 179/10]

Insert # 21° 41'.35N.,72° 23'.64E.

21° 41'.15N.,72° 23'.58E.

21° 41'.96N.,72° 22'.93E.

21° 40'.66N.,72° 22'.53E.

Chart 2101 [previous update 259/11]

Insert # 21° 01'.85N.,72° 36'.12E.

Chart 2019 [previous update 201/11]

Insert # 21° 01'.84N.,72° 36'.11E.

***125/(09/12) INDIA – WEST COAST – Ratnagiri to Vengurla –Light.**

Source: Hydrographic Note, INS Jamuna.

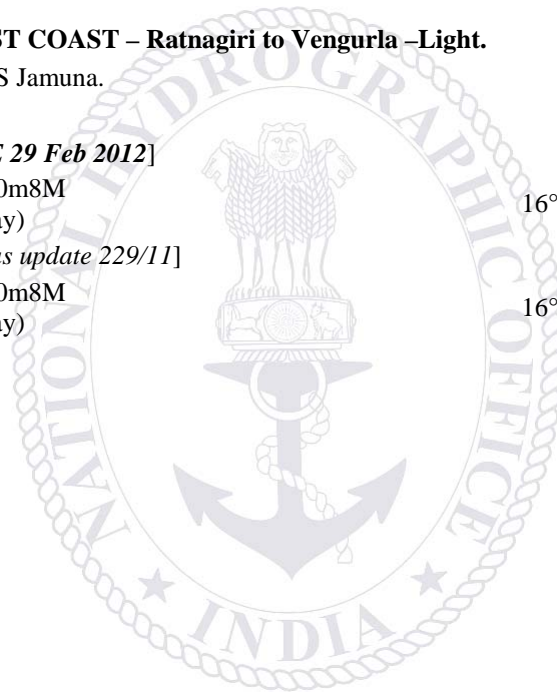
(HJ/1130/12)

Chart 213 [previous update NE 29 Feb 2012]

Delete ★ Fl.(3)10s70m8M (Sep to May) 16° 48'.70N., 73° 18'.10E.

Chart 256 (INT 7340) [previous update 229/11]

Delete ★ Fl.(3)10s70m8M (Sep to May) 16° 48'.70N., 73° 18'.20E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***126 (P)/(09/12) INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit.**

Source: Kochi Port.

(HJ/930/93)

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., 076°13'.24E

09°58'.22N., 076°13'.49E

09°58'.30N., 076°13'.55E

09°58'.35N., 076°13'.63E

09°58'.39N., 076°13'.71E

09°58'.44N., 076°13'.81E

09°58'.22N., 076°13'.94E

3. Mariners to exercise caution and contact port authorities for further information.

4. ***Former INM 104 (P)/12 is cancelled.***

Charts Affected – 2004(INT7359) – 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 icgmrc_mumbai@mtnl.net . Any suspicious activity of skiffs / boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN SOME ECDIS**

Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode.

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

(Source - NAVAREA VIII Warning 141/12)

Distribution of Indian Paper Charts and Nautical Publications

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

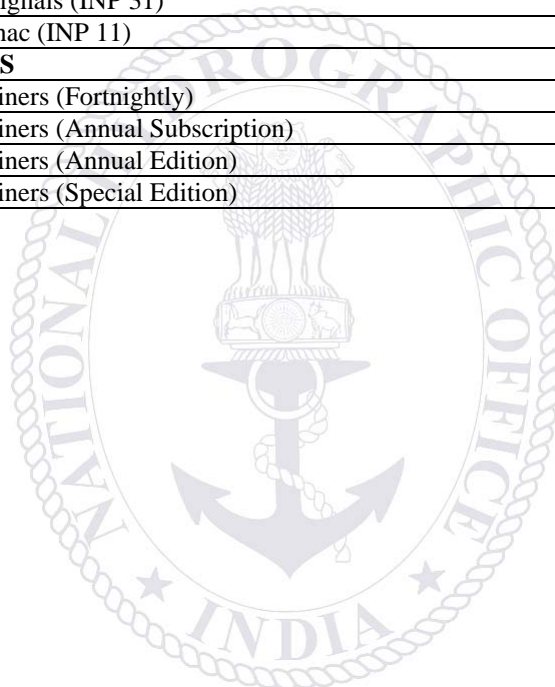
<p>*JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>*JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9910891631, 9810705062 Email: ravipani@indiatimes.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in

REVISED RATES OF CHARTS AND PUBLICATION
W.E.F. 01 APR 2012

<u>S.No.</u>	<u>Name of Chart/ Publications</u>	<u>Sale Price in INR</u>
NAVIGATIONAL CHARTS		
1	Paper Chart	1870.00
INDIAN NAVAL PUBLICATIONS (INPs)		
2	West Coast of India Pilot (INP 1)/ Bay of Bengal Pilot (INP 2)	4480.00
3	Symbols and Abbreviations (INP 5020)	930.00
4	IALA Maritime Buoyage System(Booklet)	580.00
5	Distance Tables of India and Adjacent Ports (INP 5082)	500.00
6	Catalogue of Charts and Publications (INP 10)	250.00
7	List of Lights Volume D & E (INP 21a)	2390.00
8	List of Lights Volume F & K (INP 21b)	2390.00
9	List of Radio Signals (INP 31)	3400.00
10	Nautical Almanac (INP 11)	3200.00
NOTICES TO MARINERS		
11	Notices to Mariners (Fortnightly)	200.00
12	Notices to Mariners (Annual Subscription)	2000.00
13	Notices to Mariners (Annual Edition)	600.00
14	Notices to Mariners (Special Edition)	1250.00



SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings Inforce as on 30 Apr 12.

2011 SERIES – 225 442 596 708

2012 SERIES – 024 037 091 113 121 137 154 165 176 198 224 226 227 228 229 230 232 234
235 236 237 238

3. NAVAREA VIII Warnings issued during the period from 16 Apr to 30 Apr 12 (both dates inclusive) are as tabulated below: –

<p>202. India West Coast – Arabian Sea. Charts INT 71 INT 73 INT 705. Piracy. Pirate action group in 16-54N 065-59E at 140652 UTC Apr 12.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 171001 UTC Apr 12.</p>																																			
<p>203. India West Coast – Gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Following vessels broken their anchors/cables in following positions:</p> <table border="1"> <thead> <tr> <th>Vessel</th> <th>Position</th> </tr> </thead> <tbody> <tr> <td>STAR SEA COSMAOS</td> <td>21-38.41N 072-25.04E</td> </tr> <tr> <td>MV SIAM PROJECT</td> <td>21-41.48N 072-24.98E AND 21-41.90N 072-25.24E</td> </tr> <tr> <td>MV MALATHI</td> <td>21-01.89N 072-36.08E</td> </tr> <tr> <td>MV KRAIARCTIC DIGNITY</td> <td>21-41.39N 072-23.61E AND 21-41.19N 072-23.55 E</td> </tr> <tr> <td>MV BIANCO ZEALAND</td> <td>21-40.40N 072-28.20E</td> </tr> <tr> <td>BARGE VIKRANT DOLPHIN</td> <td>21-37.00N 072-24.50E</td> </tr> <tr> <td>MV KOTA ABADI</td> <td>21-42.00N 072-22.90E</td> </tr> <tr> <td>MT SIGLOO STAR</td> <td>21-38.50N 072-25.30E</td> </tr> <tr> <td>MV SIOUX MAIDEN</td> <td>21-40.70N 072-22.50E</td> </tr> <tr> <td>CEILO DI VENEZIA</td> <td>21-42.30N 072-28.00E</td> </tr> <tr> <td>VINALINES FREEDOM</td> <td>21-41.57N 072-26.01E</td> </tr> <tr> <td>ATALIPUTRA</td> <td>21-39.70N 072-27.00E</td> </tr> </tbody> </table> <p>2. Cancel NAVAREA VIII 185/12.</p>			Vessel	Position	STAR SEA COSMAOS	21-38.41N 072-25.04E	MV SIAM PROJECT	21-41.48N 072-24.98E AND 21-41.90N 072-25.24E	MV MALATHI	21-01.89N 072-36.08E	MV KRAIARCTIC DIGNITY	21-41.39N 072-23.61E AND 21-41.19N 072-23.55 E	MV BIANCO ZEALAND	21-40.40N 072-28.20E	BARGE VIKRANT DOLPHIN	21-37.00N 072-24.50E	MV KOTA ABADI	21-42.00N 072-22.90E	MT SIGLOO STAR	21-38.50N 072-25.30E	MV SIOUX MAIDEN	21-40.70N 072-22.50E	CEILO DI VENEZIA	21-42.30N 072-28.00E	VINALINES FREEDOM	21-41.57N 072-26.01E	ATALIPUTRA	21-39.70N 072-27.00E							
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VINALINES FREEDOM	21-41.57N 072-26.01E																																		
ATALIPUTRA	21-39.70N 072-27.00E																																		
<p>204. India West Coast – Cochin. Due to the 150 th year of celebration of Alleppey light house the lights of Kerala Coasts from Kasaragod to Vizhinjam will be illuminated in addition to the normal functioning of the light on 22 apr 12</p> <p>2. Cancel this MSG 231001 UTC Apr 12.</p>																																			
<p>205. Cancel NAVAREA VIII 192/12. Bay of BENGAL – Northern Portion. Charts 31 32 391 INT 71 INT 706. Firing practice by Naval ships between 1230 UTC and 2030 UTC daily from 18 Apr to 20 Apr 12 in area bounded by:</p> <table border="1"> <tbody> <tr> <td>(a) 16-00N 083-30E</td> <td>(b) 16-00N 084-30E</td> </tr> <tr> <td>(c) 14-45N 083-30E</td> <td>(d) 14-45N 084-30E</td> </tr> </tbody> </table> <p>2. Safe flying height 22000 metres.</p> <p>3. Cancel this MSG 202130 UTC Apr 12.</p>			(a) 16-00N 083-30E	(b) 16-00N 084-30E	(c) 14-45N 083-30E	(d) 14-45N 084-30E																													
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<p>206. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 161005 UTC Apr 12:</p> <table border="1"> <tbody> <tr> <td>ABAN ICE</td> <td>18-42.33N</td> <td>070-50.92E</td> </tr> <tr> <td>ABAN III</td> <td>19-11.98N</td> <td>072-11.00E</td> </tr> <tr> <td>ABAN IV</td> <td>19-40.40N</td> <td>071-19.38E</td> </tr> <tr> <td>ABAN VII</td> <td>20-55.10N</td> <td>071-31.10E</td> </tr> <tr> <td>DEEP SEA FOSSIL</td> <td>20-55.05N</td> <td>072-32.50E</td> </tr> <tr> <td>DEEP SEA FORTUNE</td> <td>20-40.06N</td> <td>072-13.03E</td> </tr> <tr> <td>DISCOVERY-1</td> <td>20-43.00N</td> <td>072-19.06E</td> </tr> <tr> <td>GREATDRILL CHETNA</td> <td>20-01.34N</td> <td>072-00.62E</td> </tr> <tr> <td>GREATDRILL CHITRA</td> <td>19-23.52N</td> <td>071-25.18E</td> </tr> <tr> <td>JT ANGEL</td> <td>19-36.74N</td> <td>071-24.01E</td> </tr> <tr> <td>KEDARNATH</td> <td>20-59.60N</td> <td>072-28.52E</td> </tr> </tbody> </table>			ABAN ICE	18-42.33N	070-50.92E	ABAN III	19-11.98N	072-11.00E	ABAN IV	19-40.40N	071-19.38E	ABAN VII	20-55.10N	071-31.10E	DEEP SEA FOSSIL	20-55.05N	072-32.50E	DEEP SEA FORTUNE	20-40.06N	072-13.03E	DISCOVERY-1	20-43.00N	072-19.06E	GREATDRILL CHETNA	20-01.34N	072-00.62E	GREATDRILL CHITRA	19-23.52N	071-25.18E	JT ANGEL	19-36.74N	071-24.01E	KEDARNATH	20-59.60N	072-28.52E
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206. Continued.				
	NOBLE KENNETH DELANEY	19-25.65N		071-16.23E
	NOBLE CHARLIE YESTER	21-03.69N		072-25.30E
	NOBLE ED HOLT	19-40.15N		072-00.33E
	RON TAPPMAYER	19-34.16N		071-25.13E
	SAGAR GAURAV	22-22.06N		068-28.73E
	SAGAR KIRAN	18-37.00N		072-41.00E
	SAGAR LAXMI	18-36.16N		071-01.65E
	SAGAR PRAGATI	18-32.26N		072-15.45E
	SAGAR SHAKTI	19-57.30N		072-19.18E
	SAGAR SAMRAT	19-32.13N		071-18.81E
	TRIDENT – 2	19-26.06N		071-24.26E
	TRIDENT – 12	19-08.00N		071-52.08E
	VIRTUE 1	19-05.35N		072-06.88E
	SAGAR JYOTI	19-04.26N		072-05.40E
	wide berth requested.			
2.	Cancel NAVAREA VIII 186/12.			
207. India West Coast – Arabian Sea.	Charts INT 70 INT 71 INT 72 INT 705. Piracy. Mothership activity in 09-49S 040-31E at 160800 UTC Apr 12.			
2.	Caution advised.			
3.	Cancel this MSG 190800 UTC Apr 12.			
208. Cancel NAVAREA VIII 178/12. India West Coast – Gulf of Khambhat.	Charts 21 207 254 292 INT 71 INT 706. Wreck marking buoy logos searcher reestablished at 20-37.90N 071-38.50E.			
2.	Mariners to exercise caution.			
209. Cancel NAVAREA VIII 099/12, 102/12 and this msg.				
210. India West Coast – off Mumbai.	CHARTS 21 22 291 292 293 2016 INT 705. One wooden block approx 06 metres length (width 03 metres) reported adrift in vicinity 18-56.42N 072-41.69E			
2.	Cancel this MSG 201304 UTC Apr 12.			
211. Cancel NAVAREA VIII 189/12. India East Coast – Bay of Bengal.	Charts 31 351 352 3017 INT 70 INT 71. Experimental flight trial scheduled from ITR Launch Complex on following dates:			
	Date	Time(UTC)		
	18 APR 12	1230 TO 1600		
	19 APR 12	0200 TO 0500 AND 1130 TO 1500		
	20 APR 12	0030 TO 0430		
2.	Danger zone bounded by:			
	Polygon-I			
	(a) 20-48.75N	087-07.42E	(b) 19-11.28N	088-02.35E
	(c) 05-59.60S	091-37.55E	(d) 06-16.47S	089-21.91E
	(e) 06-22.00S	087-05.30E	(f) 19-03.38N	086-26.32E
	(g) 20-48.35N	087-02.58E		
	POLYGON-II			
	(a) 24-25.31S	088-23.98E	(b) 15-24.18S	087-37.03E
	(c) 14-59.50S	092-37.01E	(d) 24-00.18S	093-29.50E
	(e) 24-16.88S	090-57.28E		
3.	Caution advised.			
4.	Cancel this MSG 200530 UTC Apr 12.			
212. Andaman Sea – off Port Blair.	Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0730 UTC to 0900 UTC on 25 Apr 12 in area bounded by:			
	(a) 11-39.7N	092-46.3E	(b) 11-40.6N	092-47.0E
	(c) 11-37.8N	092-57.1E	(d) 11-30.4N	092-48.9E
2.	Safe flying height 9000 metres.			
3.	Cancel this MSG 251000 UTC Apr 12.			
213. Cancel NAVAREA VIII 174/12. India West Coast – Gulf of Khambhat.	Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking Buoy No 1, Buoy No 5 and Buoy No 9 temporarily removed.			

214. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 181003 UTC Apr 12:

ABAN ICE	18-42.33N	070-50.92E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	20-55.10N	071-31.10E
DEEP SEA FOSSIL	20-55.05N	072-32.50E
DEEP SEA FORTUNE	20-40.06N	072-13.03E
DISCOVERY-1	20-43.00N	072-19.06E
GREATDRILL CHETNA	20-01.34N	072-00.62E
GREATDRILL CHITRA	19-39.35N	071-17.57E
JT ANGEL	19-36.74N	071-24.01E
KEDARNATH	20-59.60N	072-28.52E
NOBLE KENNETH DELANEY	19-25.65N	071-16.23E
NOBLE CHARLIE YESTER	21-03.69N	072-25.30E
NOBLE ED HOLT	19-40.15N	072-00.33E
RON TAPMEYER	19-34.16N	071-25.13E
SAGAR GAURAV	22-22.06N	068-28.73E
SAGAR KIRAN	18-37.00N	072-41.00E
SAGAR LAXMI	18-36.16N	071-01.65E
SAGAR PRAGATI	18-32.26N	072-15.45E
SAGAR SHAKTI	19-57.30N	072-19.18E
SAGAR SAMRAT	19-32.13N	071-18.81E
TRIDENT – 2	19-26.06N	071-24.26E
TRIDENT – 12	19-08.00N	071-52.08E
VIRTUE 1	19-05.35N	072-06.88E
SAGAR JYOTI	19-04.26N	072-05.40E
ENERGY DRILLER	18-46.03N	071-25.43E

wide berth requested.

2. Cancel NAVAREA VIII 206/12.

215. Cancel NAVAREA VIII 068/12, 134/12, 175/12 and this MSG. Section VII and Section VIII of INM Edition 08/12 refers.

216. Cancel NAVAREA VIII 197/12. India West Coast – Arabian Sea. Chart 22 293 INT 706. Firing practice by Naval ship between 0030 UTC to 0530 UTC on 26 Apr 12 in area bounded by :

- | | |
|--------------------|--------------------|
| (a) 15-55N 070-36E | (b) 15-42N 071-15E |
| (c) 15-05N 071-00E | (d) 15-18N 070-22E |

2. Safe flying height 8000 metres.

3. Cancel this MSG 260630 UTC Apr 12.

217. Cancel NAVAREA VIII 211/12 and this MSG.

218. Indian Ocean – Bay of Bengal. Charts 32 33 INT 71 INT 73 INT 706 INT 707. PSLV- C19 rocket launching scheduled from launch pad 13-43.9N 080-14.2E between 2345 UTC to 0200 UTC from 25 Apr to 28 Apr 2012.

2. Danger areas are as follows:

(a) Danger Zone–1. Circle of 10 nm around the launcher.

(b) Danger zone–2. Sector between radii of 35 nm and 75 nm from launcher and between azimuth angles 130 degree and 150 degree from true north.

(C) Danger zone -3. Sector between radii of 155 nm and 195 nm from launcher and between azimuth angles 130 degree and 150 degree from true north

(d) Danger zone – 4. Area bounded by following points:

- | | |
|----------------------|---------------------|
| (I) 10-30N 082-20E | (II) 10-55N 082-50E |
| (III) 09-35N 083-50E | (IV) 09-10N 083-20E |

(e) Danger zone – 5. Area bounded by following points:

- | | |
|----------------------|---------------------|
| (I) 08-45N 083-00E | (II) 08-45N 084-00E |
| (III) 07-45N 084-00E | (IV) 07-45N 083-00E |

(f) Danger zone – 6. Area bounded by following points:

- | | |
|----------------------|---------------------|
| (i) 03-00s 080-45e | (ii) 03-00s 082-15E |
| (III) 07-00S 082-15E | (IV) 07-00S 080-45E |

(g) Danger zone – 7. Area bounded by following points:

- | | |
|----------------------|---------------------|
| (I) 33-30S 072-30E | (II) 33-30S 076-30E |
| (III) 37-30S 076-30E | (IV) 37-30S 072-30E |

3. Caution advised.

4. Cancel this MSG 280300 UTC Apr 12.

<p>219. Cancel NAVAREA VIII 213/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking Buoy No 1 and Buoy No 9 temporarily removed.</p>																												
<p>220. India West Coast – Arabian Sea. Chart 22 INT 704 INT 705. Firing practice by Naval ship Between 0830 UTC to 1829 UTC on 25 Apr 12 in area bounded by:</p> <table> <tr> <td>(a) 16-52N 069-38E</td> <td>(b) 16-13N 068-31E</td> </tr> <tr> <td>(c) 15-32N 069-40E</td> <td>(d) 16-27N 070-22E</td> </tr> </table> <p>2. Safe flying height 22000 metres. 3. Cancel this MSG 251929 UTC Apr 12.</p>	(a) 16-52N 069-38E	(b) 16-13N 068-31E	(c) 15-32N 069-40E	(d) 16-27N 070-22E																								
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(c) 15-32N 069-40E	(d) 16-27N 070-22E																											
<p>221. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from position 13-07.02N 080-18.01E from 0530 UTC TO 0730 UTC on 27 Apr 12.</p> <p>2. Danger zone sector of 11 nm radius between 045 degree and 075 degree from gun position. 3. Safe flying height 12800 metres. 4. Cancel this MSG 270830 UTC Apr 12.</p>																												
<p>222. Cancel NAVAREA VIII 219/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking Buoy No 1 and Buoy No 4 temporarily removed.</p>																												
<p>223. NAVAREA VIII – Messages in force as on 201002 UTC Apr 12:</p> <p>2011 Series:- 225 442 596 708 2012 Series:- 024 037 043 091 113 121 137 154 157 161 165 176 177 180 184 196 198 203 204 208 210 212 214 216 218 220 221 222</p> <p>(a) NAVAREA VIII warnings less than 42 days old (137/12 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 271002 UTC Apr 12.</p>																												
<p>224. India West Coast - Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706. Firing by Naval Aircraft from 0230 UTC to 1230 UTC daily from 01 May to 07 May and 14 May to 21 May 12 in area bounded by</p> <table> <tr> <td>(a) 15-13N</td> <td>073-57E</td> <td>(b) 15-13N</td> <td>073-52E</td> </tr> <tr> <td>(c) 15-11N</td> <td>073-52E</td> <td>(d) 15-11N</td> <td>073-57E</td> </tr> </table> <p>2. Safe flying height 3500 Metres. 3. Cancel this MSG 211330 UTC May 12.</p>	(a) 15-13N	073-57E	(b) 15-13N	073-52E	(c) 15-11N	073-52E	(d) 15-11N	073-57E																				
(a) 15-13N	073-57E	(b) 15-13N	073-52E																									
(c) 15-11N	073-52E	(d) 15-11N	073-57E																									
<p>225 India West Coast – Off Devgarh. Charts 22 231 256 2041 INT 705. Fishing boat in capsized condition reported adrift in vicinity 16-24.40N 073-17.40E at 231000 UTC Apr 12.</p> <p>2. Caution advised. 3. Cancel this MSG 261000 UTC Apr 12.</p>																												
<p>226. Zanzibar Channel Off Tanzania. Charts 8008 INT 70 INT 71 INT 701. Significantly less water than charted reported 06-21.28S 039-01.77E.</p>																												
<p>227. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery.</p> <table> <thead> <tr> <th>DATE</th> <th>TIME (UTC)</th> </tr> </thead> <tbody> <tr> <td>01 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>04 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>08 May 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>11 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>15 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>18 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>22 May 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>25 May 12</td> <td>0900 to 1200</td> </tr> <tr> <td>29 may 12</td> <td>0900 to 1200</td> </tr> </tbody> </table> <p>2. Danger area bounded by</p> <table> <tr> <td>(a) 09-57.5N</td> <td>075-59.5E</td> <td>(b) 09-57.7N</td> <td>076-14.2E</td> </tr> <tr> <td>(c) 09-44.0N</td> <td>076-17.5E</td> <td>(d) 09-42.5N</td> <td>076-09.5E</td> </tr> </table> <p>3. Safe flying height 10000 Metres. 4. Cancel this MSG 291300 UTC May 12.</p>	DATE	TIME (UTC)	01 May 12	0900 to 1200	04 May 12	0900 to 1200	08 May 12	0900 to 1200 and 1230 to 1430	11 May 12	0900 to 1200	15 May 12	0900 to 1200	18 May 12	0900 to 1200	22 May 12	0900 to 1200 and 1230 to 1430	25 May 12	0900 to 1200	29 may 12	0900 to 1200	(a) 09-57.5N	075-59.5E	(b) 09-57.7N	076-14.2E	(c) 09-44.0N	076-17.5E	(d) 09-42.5N	076-09.5E
DATE	TIME (UTC)																											
01 May 12	0900 to 1200																											
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(c) 09-44.0N	076-17.5E	(d) 09-42.5N	076-09.5E																									
<p>228. Cancel NAVAREA VIII 222/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking Buoy NO 4 Temporarily removed.</p>																												

<p>229. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 251130 UTC Apr 12.</p> <table border="0"> <tr> <td>DHIRUBHAI DEEPWATER KG-1</td> <td>20-00.13N</td> <td>088-24.55E</td> </tr> <tr> <td>SAGAR BHUSHAN</td> <td>16-15.30N</td> <td>082-10.68E</td> </tr> <tr> <td>DEEP DRILLER-1</td> <td>16-40.05N</td> <td>082-27.90E</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>17-48.50N</td> <td>084-16.50E</td> </tr> <tr> <td>ABAN II</td> <td>17-02.43N</td> <td>082-21.85E</td> </tr> <tr> <td>DEEP SEA MATDRILL</td> <td>16-16.38N</td> <td>081-43.86E</td> </tr> <tr> <td>MG HULME JR</td> <td>16-35.73N</td> <td>082-27.06E</td> </tr> <tr> <td>GSF-140</td> <td>16-31.68N</td> <td>082-28.43E</td> </tr> </table> <p>Wide berth requested.</p> <p>2. Cancel NAVAREA VIII 196/12.</p>			DHIRUBHAI DEEPWATER KG-1	20-00.13N	088-24.55E	SAGAR BHUSHAN	16-15.30N	082-10.68E	DEEP DRILLER-1	16-40.05N	082-27.90E	PLATINUM EXPLORER	17-48.50N	084-16.50E	ABAN II	17-02.43N	082-21.85E	DEEP SEA MATDRILL	16-16.38N	081-43.86E	MG HULME JR	16-35.73N	082-27.06E	GSF-140	16-31.68N	082-28.43E				
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GSF-140	16-31.68N	082-28.43E																												
<p>230. INDIA EAST COAST – VISHAKHAPATNAM. Charts 31 32 308 354 391 3002 3012 INT 706. Seaward firing Practice by Naval Coast Battery from 0001 UTC to 0200 UTC and 1500 UTC to 1700 UTC on 02 May 12.</p> <p>2. Danger zone sector of 15 NM radius between 070 degree AND 130 degree from Position 17-42N 083-18E</p> <p>3. Safe Flying Height 13000 Metres</p> <p>4. Cancel this MSG 021800 UTC May 12.</p>																														
<p>231. Cancel NAVAREA VIII 218/12. and this MSG.</p>																														
<p>232. India West Coast – Trivandrum. Charts 22 32 222 260 INT 706. RH 200 Rocket launch from Thumba Equatorial Rocket Launching Station 08-31.98N 076-52.05E between 0500 UTC to 0700 UTC on 02 May 12.</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 020800 UTC May 2012.</p>																														
<p>233. Cancel NAVAREA VIII 208/12 and this MSG.</p>																														
<p>234. India West Coast – Gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Following vessels broken their anchors/cables in following positions:</p> <table border="0"> <thead> <tr> <th>Vessel</th> <th>Position</th> </tr> </thead> <tbody> <tr> <td>STAR SEA COSMAOS</td> <td>21-38.41N 072-25.04E</td> </tr> <tr> <td>MV SIAM PROJECT</td> <td>21-41.48N 072-24.98E AND 21-41.90N 072-25.24E</td> </tr> <tr> <td>MV MALATHI</td> <td>21-01.89N 072-36.08E</td> </tr> <tr> <td>MV KRAIARCTIC DIGNITY</td> <td>21-41.39N 072-23.61E AND 21-41.19N 072-23.55 E</td> </tr> <tr> <td>MV BIANCO ZEALAND</td> <td>21-40.40N 072-28.20E</td> </tr> <tr> <td>BARGE VIKRANT DOLPHIN</td> <td>21-37.00N 072-24.50E</td> </tr> <tr> <td>MV KOTA ABADI</td> <td>21-42.00N 072-22.90E</td> </tr> <tr> <td>MT SIGLOO STAR</td> <td>21-38.50N 072-25.30E</td> </tr> <tr> <td>MV SIOUX MAIDEN</td> <td>21-40.70N 072-22.50E</td> </tr> <tr> <td>CEILO DI VENEZIA</td> <td>21-42.30N 072-28.00E</td> </tr> <tr> <td>VINALINES FREEDOM</td> <td>21-41.57N 072-26.01E</td> </tr> <tr> <td>ATALIPUTRA</td> <td>21-39.70N 072-27.00E</td> </tr> <tr> <td>MV HAN XING</td> <td>21-40.44N 072-27.77E</td> </tr> </tbody> </table> <p>2. Cancel NAVAREA VIII 203/12.</p>			Vessel	Position	STAR SEA COSMAOS	21-38.41N 072-25.04E	MV SIAM PROJECT	21-41.48N 072-24.98E AND 21-41.90N 072-25.24E	MV MALATHI	21-01.89N 072-36.08E	MV KRAIARCTIC DIGNITY	21-41.39N 072-23.61E AND 21-41.19N 072-23.55 E	MV BIANCO ZEALAND	21-40.40N 072-28.20E	BARGE VIKRANT DOLPHIN	21-37.00N 072-24.50E	MV KOTA ABADI	21-42.00N 072-22.90E	MT SIGLOO STAR	21-38.50N 072-25.30E	MV SIOUX MAIDEN	21-40.70N 072-22.50E	CEILO DI VENEZIA	21-42.30N 072-28.00E	VINALINES FREEDOM	21-41.57N 072-26.01E	ATALIPUTRA	21-39.70N 072-27.00E	MV HAN XING	21-40.44N 072-27.77E
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<p>235. NAVAREA VIII – Messages in force as on 271003 UTC Apr 12:</p> <p>2011 Series:- 225 442 596 708</p> <p>2012 Series:- 024 037 043 091 113 121 137 154 165 176 180 198 214 224 226 227 228 229 230 232 233 234</p> <p>(a) NAVAREA VIII warnings less than 42 days old (154/12 onward) are promulgated via SafetyNET.</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in</p> <p>(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 041003 UTC May 12.</p>																														

236. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 280500 UTC Apr 12:

ABAN ICE	18-42.33N	070-50.92E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	20-55.10N	071-31.10E
DEEP SEA FOSSIL	20-55.05N	072-32.50E
DEEP SEA FORTUNE	20-40.06N	072-13.03E
DISCOVERY-1	20-43.00N	072-19.06E
GREATDRILL CHETNA	20-01.34N	072-00.62E
GREATDRILL CHITRA	19-39.35N	071-17.57E
JT ANGEL	19-36.74N	071-24.01E
KEDARNATH	20-22.33N	071-28.48E
NOBLE KENNETH DELANEY	19-25.65N	071-16.23E
NOBLE CHARLIE YESTER	21-03.69N	072-25.30E
NOBLE ED HOLT	19-40.15N	072-00.33E
RON TAPMEYER	19-34.16N	071-25.13E
SAGAR GAURAV	22-22.06N	068-28.73E
SAGAR KIRAN	18-37.00N	072-41.00E
SAGAR LAXMI	18-36.16N	071-01.65E
SAGAR PRAGATI	18-32.26N	072-15.45E
SAGAR SHAKTI	19-57.30N	072-19.18E
SAGAR SAMRAT	19-32.13N	071-18.81E
TRIDENT – 2	19-26.06N	071-24.26E
TRIDENT – 12	19-08.00N	071-52.08E
VIRTUE 1	19-05.35N	072-06.88E
SAGAR JYOTI	19-04.26N	072-05.40E
ENERGY DRILLER	18-46.03N	071-25.43E
BADRINATH	19-11.20N	070-39.68E

wide berth requested.
2. Cancel NAVAREA VIII 214/12.

237. India West Coast – New Mangalore. Chart 22 217 258 272 293 2002 2052 INT 706. Hydrographic Survey from 02 May to 10 May 12 in area bounded by:

(a)	12-40.0 N	074-36.3 E	(b)	12-40.0 N	074-54.0 E
(c)	13-06.6 N	074-54.0 E	(d)	13-06.6 N	074-36.3 E

2. Wide berth requested.
3. Cancel this MSG 110001 UTC May 12.

238. Cancel NAVAREA VIII 043/12 and this MSG.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

West Coast of India Pilot (INP-1)

Chapter -9 (Page – 278)

(Source: Adani Ports and Special Economic Zone Ltd.)

Article 9.106a

Delete para 10 and replace by

10 Pilot Embarkation Position

Container Terminal (A)	-22°42'.16N, 69°43'.57E
Multi Purpose Berth (B)	-22°42'.16N, 69°42'.13E
SPM	-22°38'.86N, 69°38'.27E
West Basin	-22°40'.96N, 69°33'.56E

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characterist ics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7082-1	Fishing Harbour. Entrance.W Side (FR)	20 55-97 S 55 17-16 E	Fl R 4s	6	3		
*	*	*	*			*	*
D7082-2	Fishing Harbour. Entrance.E Side (FR)	20 55-94 S 55 17-19 E	Fl G 4s	7	3		
*	*	*	*			*	*
D7083-89	La Possession. Fishing Harbour. Breakwater. Head (FR)	20 55-62 S 55 19-90 E	Fl R 4s	..	4		
*	*	*	*			*	*
D7326-282	- Vale Terminal. No 3 (AMNAS)	24 31-59 N 56 37-15 E	Fl(2+1)Y 6s	9	3	Metal post 1	
			*				
D7429.2	- South Pier. S arm	26 38.17N 50 10.23E	Fl Y 10s				
			*				
D7429-3	- S Pier. N arm	26 38-30 N 50 10-20 E	Fl Y 10s				
			*				
	KARAN OILFIELD						
D9162-53	-	27 43-10 N 50 00-40 E	Lit	..	..	Platform	
*	*	*	*			*	*
D9162-55	-	27 40-00 N 50 02-10 E	Lit	..	..	Platform	
*	*	*	*			*	*
F0398-5	- Bhogat Oil Storage Terminal. SPM ---	21 56-01 N 69 09-87 E ..	Mo(U)W 15s Horn Mo(U) 30s	..	5	..	Ra refl TE2012
			*				*
F0584	Remove from list						
F0702.1	--Rear 360m from front	9 57.98 N 76 16.87 E	Iso W 4s	15	11	White metal framework tower, red bands	
		*					
F9515-4	BELUM	3 24-87 N 112 39-48 E	Lit	..	..	Platform	
*	*	*	*			*	*
F9515-5	MEPA	3 28-46 N 112 35-43 E	Lit	..	..	Platform	
*	*	*	*			*	*
F9515-6	PEMANIS	3 28-25 N 112 30-43 E	Lit	..	..	Platform	
*	*	*	*			*	*
F9516-385	-PLEM	3 32-36 N 112 48-12 E	Lit	..	..	Platform	
*	*	*	*			*	*

7.2

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F9516-8	GOBP	3 20-46 N 112 47-22 E	Lit.	..	..	Platform	
*	*	*	*			*	*
F9516-81	GORA	3 21-46 N 112 49-22 E	Lit	..	..	Platform	
*	*	*	*			*	*
F9532-3	-East Piatu	6 33-00 N 104 33-50 E	Lit	..	..	Platform	Other installations, some marked by lights and fog signals, exist in this field
*	*	*	*			*	*



SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 18 dated 16 Sep 11)

NIL

INP 31(5), 2011

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

Page 121 NAVAREA VIII (India) National Coordinators, Contact Table

Row 1

Delete and replace by

Bangladesh	+880 2 9513305	+880 2 7168363	dosdgd@btcl.net.bd
-------------------	----------------	----------------	--

Source- Chief Nautical Surveyor Bangladesh

Page 144 India Section

Insert after **Chennai (Madras) [P]**

Temporarily out of Operation

Page 144 India Section

Chennai Position

Delete and replace by **13°05' N 80°17' E**

Page 144 India Section

Insert after **Mumbai (Bombay) [G]**

Temporarily out of Operation

Source- DG Shipping

Page 145 Mauritius Section

Position, Delete and replace by **20°10'S, 57° 28'E**

Source- Mauritius radio

INP 31(6), 2005

(Last correction: Edition No. 08 dated 15 Apr 2012)

Page 85, India Section

Delete **GULF OF KUTCHH** and replace by

GULF OF KUTCHH

Vessels Traffic Management System

LOCATION: Master Control Centre, VTS- Gulf of Kachchh,

Kandla – 370210, Dist: Kutch, Gujarat, India.

TEL: +91 2836 270130

+91 8469763555

FAX: +91 2836 270130

EMAIL: vtsgok@yahoo.com

vtsgok@yahoo.com

CALL:

(1) The first VHF Channel (with frequency) called by ship when enter in GOK. CH 16(156.800 MHz)

(2) The Next channel called by ship with frequency

While Entering Sector 1: CH 69(156.475 MHz) & while entering Sector 2

CH 71 (156.575 MHz)

(3) The call sign of MCC in RT Phrasology:- VTS Gulf of Kutchh

8.2

(4) All Communication channel (with freq) used at MCC Kandla
Ch 16 (156.800 MHz)- for general monitoring and Distress
Ch 69 (156.475 MHz)- sector 1
Ch 71 (156.850 MHz)- Sector 2
Ch 17 (156.850 MHz)- sector 3
Ch 73 (156.675 MHz)- Sector 4

SECTORS OF VTS- GOK

The Gulf of Kutchchh stretches from 68°16' to 70° 30' on the Eastern Longitude and 22°14.5' to 23° 34' on the Northern Latitude and is divided into four sector called as:

Sector1: Bounded by 23° 34'N 68° 16'E, 23° 00'N 68° 16'E, 22° 30'N 68° 30'E, 22° 58.2'N 68° 57.8'E.

Sector2: Bounded by 22° 30'N 68° 30'E, 22° 58.2'N 68° 57.8'E, 22° 14.5'N 68° 58'E, 22° 16.4'N 69° 16'E, 22° 49.6'N 69° 16'E.

Sector3: Bounded by 22° 16.4'N 69° 16'E, 22° 49.6'N 69° 16'E, 22° 21'N 69° 36'E, 22° 33.3'N 69° 36'E, 22° 46.7'N 69° 57'E, 22° 54.4'N 70° 00'E.

Sector4: Bounded by 22° 21'N 69° 36'E, 22° 33.3'N 69° 36'E, 22° 46.7'N 69° 57'E, 22° 54.4'N 70° 00'E, up to Landfall.

Notification of Arrival/Departure Report:

The owner , agent, Master or Person-in-charge of any passenger vessel or a vessel of 300 GT or more shall notify the VTS Master Control Center at least 24 h prior to the arrival of the vessel. A vessel coming from a nearby port, with less than 24 h steaming time to Gulf of Katchchh, shall immediately on departure from such port notify the VTS Master Control Center by email/fax.

Page 90, India Section

Delete MUNDRA and replace by

MUNDRA

22°44'N 69°42'E

Pilots and Port

CALL: Mundra Port Control
TEL: +91 2838 255761/255933
FAX: +91 2838 289170
EMAIL: marine.control@adani.com, portopscenter@adani.com
WEB: www.mundraport.com

Port Authority:

Tel: +91 2838 289371/289372
Fax: +91 2838 289270
EMAIL: portopscenter@adani.com

FREQUENCY: Ch 16; 73

HOURS: H 24

PROCEDURE:

(1) Pilotage is compulsory. Pilot boards in following positions:

- (a) Container Terminal (A) - 22° 42'.16N, 69° 43'.57E
- (b) Multipurpose Berth (B) - 22° 42'.16N, 69° 42'.13E
- (c) SPM - 22° 38'.86N, 69° 38'.27E
- (d) West Basin - 22° 40'.96N, 69° 33'.56E

(2) Vessels should send and update ETA 7 days, 5 days, 3 days, 2 days and 24 hours prior to arrival.

(3) Berthing of tankers at the SPM daylight only, unberthing 24 hours.

(4) Vessels should contact Mundra Port Control on VHF CH 16 of 73 at least 2 hours prior to arrival at Mundra Port limits for berthing instructions.

Note: The port is operated by Mundra Port and Special Economic Zone Ltd. Traffic information and weather forecasts are available from Mundra Port Control on request.

Source: Adani Ports and Special Economic Zone Limited

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

Depth Reporting

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

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

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

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

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

I.H. 102

HYDROGRAPHIC NOTE

(For Reporting Navigational Dangers/ Changes observed at Sea by Mariners)

1. Name of ship or sender	
2. Address of sender	
(i) E-mail	
(ii) Fax No.	
(iii) Tel. No.	
3. General Locality	
4. Chart / Publication Affected:	
(i) Chart published by INHO / UKHO / other (Specify).	
(ii) Chart No.	
(iii) Edition Date.	
(iv) Latest Edition of Indian N to M held	
5. Details of Changes / Dangers Observed.	
Object of Change.	
(i) Date/Time of observation	
(ii) Charted Observed	
(iii) Position/Area	
(a) Bathymetry:	
(i) Depth	
(ii) Depth Contour	
(iii) Channel Depth	
(b) Navigational Dangers:	
(i) New Shoals	
(ii) New Rocks	
(iii) New Reefs	
(iv) New Wrecks	
(v) New Nav-aid (Specify)	
(c) Casualties to existing Nav-Aids:	
(i) Buoys	
(ii) Lights	
(iii) Fog signals	
(iv) Racons	
(v) Transit Marks	
(vi) Leading Lines	
(vii) Clearance bearings	
(d) Designated Areas:	
(i) Exercise Areas	
(ii) Prohibited Areas	
(iii) Pilot Station	
(iv) Anchorage	
(v) Foul Ground	

(e) Port Information:	
(i) Berthing	
(ii) Cranage	
(iii) Tugs	
(iv) Dry Docks	
(v) Repair Facilities	
(vi) Pilotage	
(vii) Fuel	
(viii) Water	
(ix) Any other (Specify)	
(f) Environmental Data	
(i) Met information	
(ii) Tides and Tidal Stream	
(iii) Pollutants	
(iv) Effluents	
(v) Marine Life / Habitats	
(g) Other changes, if any, with Details:	
6. Information on the Positions of Danger / Changes Reported above:	
(a) Positioning System used	
(b) Datum [WGS/Everest/ Local (Specify)]	
(c) Accompanying plots / photographs if any	
7. Information on the Soundings / Depths Reported above:	
(a) Echo Sounder (Type) used	
(b) Draught of Vessel set on Echo Sounder	
(c) Observed water depth vis-à-vis charted depth	
(d) Echo-gram accompanying this report: Yes / No	
(e) Whether voltage drop existed in equipment at observation time	
(f) Data and Time of depth observation	
8. Limitations if any in Reporting the changes above	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date

I.H. 102a

HYDROGRAPHIC NOTE FOR PORT INFORMATION**(For Reporting Changes to Port Information)**

1 Name and Address of the Port.	
(a) Name	
(b) Address	
(c) Phone No's	
(d) Web Site	
(e) E Mail	
2 General Remarks	
(a) Principal activities and trade	
(b) Number of ships and tonnage handled per year	
(c) Maximum size of draught of vessel handled	
(d) Soft copy of port handbook	
3 Anchorages	
(a) Type/Purpose	
(b) Minimum depth	
(c) Shelter afforded	
(d) Holding Ground	
(e) Recommended Pilotage to the anchorages	
(f) Request Pilots appreciation to the approach of anchorage area	
4 Pilotage	
(a) Authority for request	
(b) Embarkation Position	
(c) Regulations	
(d) Documents to be provided	
(e) Request Pilots appreciation to the approach of inner harbour and berths.	
(f) Information on Vessel Traffic Management System (VTMS).	
(g) Navigational aid	
(i) List of beacons	
(ii) Buoys	
(iii) Lighthouses	
(iv) Any other information	
5 Directions	
(a) Entry and berthing information	
(b) Tides (Range of the tides)	
(c) Tidal stream information in the area	
(d) Type of season (max/min temperature, rain fall, wind speed and direction)	
6 Pollution Control	
Local regulation in force (if any)	

7 Tugs	
(a) Number available/Type	
(b) Maximum HP/Bollard Pull	
(c) Requesting authority	
(d) Availability times	
(e) Communication with tugs	
(f) Hiring charges	
8 Berthing and wharves	
(a) Type & number of berths available	
(b) Length	
(c) Depth alongside	
(d) Facilities available	
(e) Procedure for requesting berth and hiring charges.	
9 Cargo Handling	
(a) Containers	
(b) Lighters	
(c) Roll on / Roll off etc.	
10 Cranes	
(a) Brief details max lifting capacity, height of boom at wharf level and outreach	
(b) Container handling facilities.	
11 Bridges	
Vertical clearance	
12 Repairs	
(a) Hull machinery and underwater	
(b) Ship and boat yards	
(c) Docking or slipway facilities (size or dimensions of vessels handled)	
(d) Hards and ramps	
(e) Divers/Diving Assistance	
13 Rescue and distress	
(a) Salvage, lifeboats, life guards etc	
14 Supplies	
(a) Fuel (type and quantities available)	
(b) Fresh water and rate of supply	
(c) Provisions	
(d) Chart agents	
15 Services	
(a) Radio/telegram/fax /telephone	
(b) Internet	
(c) Medical	
(d) Quarantine	
(e) counsel	
(f) Ship chandlery and stevedores	
(g) Compass adjustment	
(h) Tank cleaning	
(j) Hull painting	
(k) Police	

(l) Ambulance	
(m) Fire fighting (fixed and mobile facilities)	
(n) Navigational warning and weather bulletin	
(p) garbage disposal	
(q) Waste oil disposal	
(r) Helicopter landing facilities	
16 Communications	
(a) Road, rail and air services available	
(b) Nearest airport or airfield	
(c) Port radio and information service (Frequencies and operating hours)	
17 Port Authority	
Designation, address and phone number	
18 Security	
(a) Security of ports/ International Ship and Port Facility (ISPS) competence	
(b) Container Security Initiative (CSI)	
(c) Custom and Immigration regulation in ports	
19 Small craft facilities	
(a) Information and facilities for small craft yachts visiting the port	
(b) Yacht clubs, berths etc	
20 Shore leave	
21 Clubs recreation	
(a) information kiosk (location)	
(b) Foreign exchange firms/banks (within/near port area)	
(c) Places of interest near port	
(d) Hotels/ restaurants (Type of food served e.g Chinese, continental etc)	
22 Views (duly annotated), photographs of the approaches, leading marks, the entrance to the harbour etc.	
23 Any other information considered to be useful for the mariners	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date



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