

INDIAN NOTICES TO MARINERS



EDITION NO. 11 DATED 01 JUN 2012

(CONTAINS NOTICES 132 TO 143)

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

FEEDBACK: msis-incho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

1. The newly published Indian Charts, ENC_s and Publications:-

-Nil-

2. 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
3009	KAKINADA PORT : APPROACHES TO KAKINADA	60,000	New Edition
	KAKINADA ANCHORAGE	25,000	New Edition
2086	APPROACHES TO PORT LOUIS	37,500	New Edition
	PORT LOUIS	12,500	New Edition
2011	JAIGARH HARBOUR	25,000	New Edition
3039	KATTUPALLI PORT	12,500	New Edition
2045	PORT OF KOCHI	7,500	New Edition
2004	KOCHI HARBOUR	25,000	New Edition
2029	APPROACHES TO KOCHI	60,000	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 132 to 143 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	137, 138
21	2	132
31	5	140, 143(T)
32 (INT 754)	5	143(T)
41 (INT 757)	6	142
200	2	139
202	2	132
205	2	132
252 (INT 7325)	2	132
271	2	132
288	1	136, 137, 138
291	2	132
292 (INT 7021)	2	132, 134
293 (INT 7022)	3	134
354 (INT 7408)	5	143(T)
360	7	140
361	7	140
391	5	143(T)
471	6	142
2049	2	139
2050	2	139
2055	2	133
3033	5	135
8010	1	141

SECTION – II

PERMANENT NOTICES

***132/(11/12) INDIA – WEST COAST – Off Okha – Wreck.**

Source: NAVAREA VIII – 024/12 & 154/12

(HJ/1131/21)

Chart 21 [previous update 062/12]

Insert  PA 22° 10'·76N., 68° 13'·50E.
 PA 21° 10'·00N., 69° 40'·00E.

Chart 291 [previous update 257/11]

Insert  PA 22° 10'·76N., 68° 13'·50E.

Chart 292 (INT 7021) [previous update 060/12]

Insert  PA 22° 10'·76N., 68° 13'·50E.
 PA 21° 10'·00N., 69° 40'·00E.

Chart 271 [previous update 257/11]

Insert  PA 22° 10'·76N., 68° 13'·50E.

Chart 252 (INT 7325) [previous update 068/11]

Insert  PA 22° 10'·72N., 68° 13'·51E.
 PA 21° 09'·96N., 69° 40'·01E.

Chart 202 [previous update 257/11]

Insert  PA 22° 10'·76N., 68° 13'·50E.

Chart 205 [previous update NE 15 Mar 12]

Insert  PA 21° 10'·00N., 69° 40'·00E.

***133/(11/12) INDIA – WEST COAST – Muldwarka Port – Turning Circle.**

Source: ACL Port, Muldwarka.

(HJ/1130/09)

Chart 2055 [previous update NE 31 Mar 09]

Insert turning circle, radius 90m, centered on: (a) 20° 45'·50N., 70° 39'·93E.
 turning circle, radius 100m, centered on: (b) 20° 45'·32N., 70° 40'·02E.
 legend, “Turning Circle”, centered on: (a) above
 (b) above

Chart 2055(Plan) [previous update NE 31 Mar 09]

Insert Semi circular limit of turning circle, radius 90m centered on: (a) 20° 45'·50N., 70° 39'·93E. (S border)
 legend, “Turning Circle”, centered on: (a) above

***134/(11/12) INDIA – WEST COAST – Dwarka to Mumbai – Legends.**

Source: NHO.

(HJ/1130/22)

Chart 292 (INT 7021) [previous update 132/12]

Substitute accompanying note, “Oilfield Development Area” for Existing note, centered on: 22° 06'·00N., 70° 10'·00E.

Chart 293 (INT 7022) [previous update 127/12]

Substitute accompanying note, “Oilfield Development Area” for Existing note, centered on: 18° 02'·00N., 74° 30'·00E.

accompanying note, “Firing Practice Area” for Existing note, centered on: 17° 42'·00N., 74° 30'·00E.

***135/(11/12) INDIA – EAST COAST –Karaikal Anchorage –Fishing and Trawling prohibited. Legends.**

Source: Chemplast Sanmar ltd. Karaikal port.

(HJ/1029/12)

Chart 3033 [previous update 241/10]Insert , Joining:

10° 51'·00N., 79° 51'·14E. (shore)

10° 51'·00N., 79° 52'·00E.

10° 50'·80N., 79° 52'·00E.

10° 50'·80N., 79° 51'·15E. (shore)

Legend, “Fishing & Trawling Prohibited”, Centered on:

10° 50'·88N., 79° 51'·36E.

Chart 3033(Plan) [previous update 241/10]Insert , Joining:

10° 51'·00N., 79° 51'·14E. (shore)

10° 51'·00N., 79° 52'·00E.

10° 50'·80N., 79° 52'·00E.

10° 50'·80N., 79° 51'·15E. (shore)

Legend, “Fishing & Trawling Prohibited”, Centered on:

10° 50'·95N., 79° 51'·50E.

136/(11/12) IRAN – Qatar to Shatt Al ‘Arab’ - Wrecks.

Source: BA Notice 1814/12.

(HJ/1131/21)

Chart 288 [previous update 056/12]Insert 

29° 50'·60N., 50° 08'·30E.

29° 50'·00N., 50° 08'·90E.

29° 50'·50N., 50° 10'·10E.

137/(11/12) UNITED ARAB EMIRATES – Qatar to Shatt Al ‘Arab’ –Depths.

Source: BA Notice 2081/12.

(HJ/1132/24)

Chart 20 [previous update 109/12]

Insert depth 43 and extend 50m contour SW to enclose

28° 19'·10N., 50° 43'·20E.

Chart 288 [previous update 136/12]

Insert depth 42

(a) 28° 19'·10N., 50° 47'·10E.

depth 43

28° 19'·10N., 50° 43'·20E.

50m contour, joining:

(b) 28° 23'·50N., 50° 46'·00E.

(existing contour)

28° 19'·10N., 50° 42'·00E.

(c) 28° 16'·10N., 50° 48'·80E.

(existing contour)

Delete depth 53, close NW of:

(a) above

former 50m contour, joining:


(b) above

(c) above

138/(11/12) SAUDI ARABIA – East Coast – Qatar to Shatt Al 'Arab' – Wells. Platforms. Fouls. Wrecks.

Source: BA Notice 1633/12.

(HJ/1133/24)

Chart 20 [previous update 137/12]Insert  27° 40'·00N., 50° 02'·10E.Substitute  215 Wk for  13 Wk 28° 07'·00N., 49° 13'·90E.**Chart 288** [previous update 137/12]Insert  (a) 27° 43'·60N., 50° 04'·10E. Well 27° 46'·60N., 50° 02'·40E. 27° 40'·00N., 50° 02'·10E. 27° 41'·90N., 50° 01'·50E. 27° 43'·10N., 50° 00'·00E.

28° 13'·50N., 49° 24'·40E.

 28° 16'·20N., 49° 22'·70E. 28° 20'·30N., 49° 09'·20E.Substitute  215 Wk for  13 Wk 28° 07'·00N., 49° 13'·90E.

Delete depth 36, adjacent to: (a) above

139/(11/12) PAKISTAN - Approaches to Karachi Harbour - Manora Point West-south-westwards - Wreck.


Source: BA Notice 2193/12.

(HJ/1331/23)

Chart 200 [previous update 243/11]Insert  24° 46'·40N., 66° 55'·57E.**Chart 2049** [previous update 243/11]Insert  24° 46'·40N., 66° 55'·57E.**Chart 2050** [previous update 161/11]Insert  24° 46'·40N., 66° 55'·57E.**140/(11/12) BAY OF BENGAL – Northern Portion – Kutubdia Island Westwards - Wreck.**

Source: BA Notice 1907/12.

(HJ/1128/20)

Chart 31 [previous update 088/12]Insert  PA 21° 46'·50N., 91° 23'·10E.**Chart 360** [previous update 043/12]Insert  PA 21° 46'·50N., 91° 23'·10E.**Chart 361** [previous update 043/12]Insert  PA 21° 46'·50N., 91° 23'·10E.**141/(11/12) RED SEA - Jabal Zuqar Island South-westwards - Depths.**

Source: BA Notice 2160/12.

(HJ/1031/15)

Chart 8010 [previous update 041/12]

Insert depth 181 (a) 13° 50'·40N., 42° 24'·60E.

Delete depth 219 (a) above

142/(11/12) INDONESIA - Sumatera - North West Coast - Pulau Breueh North-westwards – Light.

Source: BA Notice 1431/12.

(HJ/1028/90)

Chart 41 (INT 757) [previous update 250/11]

Insert  Fl.15M 05° 47′.50N., 94° 58′.20E.

Chart 471 [previous update 250/11]

Insert  Fl.15M 05° 47′.50N., 94° 58′.20E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***143(T)(11/12) INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.**

Source: NHO.

(HJ/1029/76)

1. Unexploded charges reported dumped in position 17° 05′.00N., 83° 25′.00E on 26 Apr 12.
2. Mariners to take note.

Charts Affected – 31 – 32(INT 754) – 391 – 354(INT 7408).



SECTION – IV **MARINE INFORMATION**

1. **NAVTEX TRANSMISSION**

MSI Promulgation by NAVTEX Stations at Mumbai and Chennai are temporarily out of operation.

(Source – DG Shipping)

2. **MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS**

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crew using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - indsar@vsnl.net, or icgmrc_mumbai@mtnl.net . Any suspicious activity of skiffs / boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN SOME ECDIS**

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

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

(Source - NAVAREA VIII Warning 141/12)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna 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, Seetammappeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings Inforce as on 31 May 12.

2011 SERIES – 442 596 708

2012 SERIES – 024 037 091 154 245 262 263 266 282 284 285 286 288 289 290 291 294 295
297 299 300 301 302

3. NAVAREA VIII Warnings issued during the period from 16 May to 31 May 12 (both dates inclusive) are as tabulated below: –

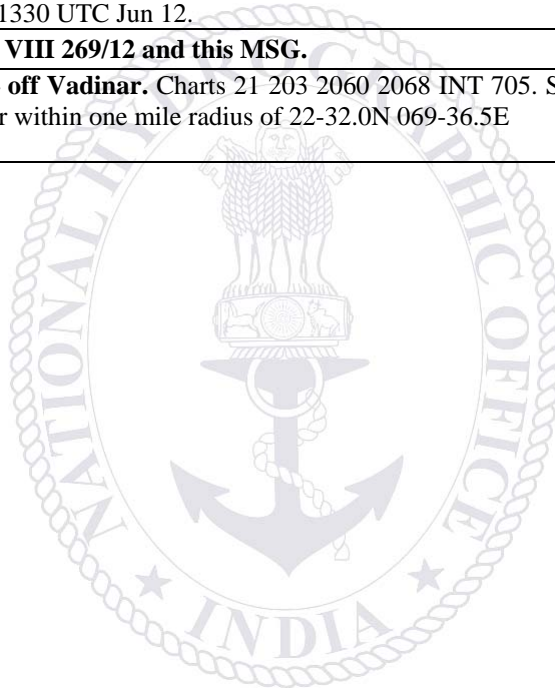
274. Andaman Sea – off Port Blair. Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0730 UTC to 0900 UTC on 23 May 12 in area bounded by:		
(a)	11-39.7N 092-46.3E	(b) 11-40.6N 092-47.0E
(c)	11-37.8N 092-57.1E	(d) 11-30.4N 092-48.9E
2.	Safe flying height 9000 metres.	
3.	Cancel this MSG 231000 UTC May 12.	
275. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 171001 UTC May 12:		
	ABAN ICE	18-31.91N 071-21.11E
	ABAN III	19-11.98N 072-11.00E
	ABAN IV	19-40.40N 071-19.38E
	ABAN VII	20-21.14N 071-48.46E
	BADRINATH	19-11.16N 070-39.66E
	DEEP SEA FOSSIL	20-55.01N 072-32.48E
	DEEP SEA FORTUNE	20-40.05N 072-13.03E
	DISCOVERY-1	20-43.00N 072-19.06E
	ENERGY DRILLER	18-46.03N 071-25.41E
	FG MC CLINTOK	19-38.00N 071-21.44E
	GREATDRILL CHITRA	19-39.33N 071-17.56E
	JT ANGEL	19-36.73N 071-24.00E
	KEDARNATH	20-22.31N 071-28.48E
	NOBLE KENNETH DELANEY	18-55.50N 072-02.48E
	NOBLE CHARLIE YESTER	19-18.21N 071-15.95E
	NOBLE ED HOLT	18-41.46N 072-20.88E
	RON TAPPMAYER	19-34.15N 071-25.11E
	SAGAR GAURAV	19-16.81N 072-11.73E
	SAGAR KIRAN	18-37.00N 072-41.00E
	SAGAR LAXMI	18-36.15N 071-01.63E
	SAGAR PRAGATI	18-32.26N 072-15.43E
	SAGAR SHAKTI	19-10.40N 071-26.43E
	TRIDENT – 2	19-16.00N 072-12.00E
	TRIDENT – 12	18-39.28N 070-58.85E
	VIRTUE 1	19-05.33N 072-06.88E
	wide berth requested.	
2.	Cancel NAVAREA VIII 257/12.	
276. India West Coast – Mormugao. Chart 22 293 INT 705 INT 706. Firing by Naval aircraft between 0200 UTC and 0730 UTC from 18 May to 19 May 12 in area bounded by:		
(a)	15-44N 72-54E	(b) 15-53N 73-12E
(c)	14-58N 73-38E	(d) 14-50N 73-19E
2.	Safe flying height 9500 metres.	
3.	Cancel this MSG 190830 UTC May 12.	

277. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from 0530 UTC to 0730 UTC on 25 May 12.				
2.	Danger zone sector of 11 nm radius between 045 degree and 075 degree from 13-07.02N 080-18.01E			
3.	Safe flying height 12800 metres.			
4.	Cancel this MSG 250830 UTC May 12.			
278. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 181002 UTC May 12:				
	ABAN ICE	18-31.91N	071-21.11E	
	ABAN III	19-11.98N	072-11.00E	
	ABAN IV	19-40.40N	071-19.38E	
	ABAN VII	20-21.14N	071-48.46E	
	BADRINATH	19-11.16N	070-39.66E	
	DEEP SEA FOSSIL	20-55.01N	072-32.48E	
	DEEP SEA FORTUNE	20-40.05N	072-13.03E	
	DISCOVERY-1	20-43.00N	072-19.06E	
	ENERGY DRILLER	18-46.03N	071-25.41E	
	FG MC CLINTOK	19-38.00N	071-21.44E	
	GREATDRILL CHITRA	18-39.50N	072-12.85E	
	JT ANGEL	19-36.73N	071-24.00E	
	KEDARNATH	20-22.31N	071-28.48E	
	NOBLE KENNETH DELANEY	18-55.50N	072-02.48E	
	NOBLE CHARLIE YESTER	19-18.21N	071-15.95E	
	NOBLE ED HOLT	18-41.46N	072-20.88E	
	RON TAPPMEYER	19-34.15N	071-25.11E	
	SAGAR GAURAV	19-16.81N	072-11.73E	
	SAGAR KIRAN	18-37.00N	072-41.00E	
	SAGAR LAXMI	18-36.15N	071-01.63E	
	SAGAR PRAGATI	18-32.26N	072-15.43E	
	SAGAR SHAKTI	19-10.40N	071-26.43E	
	TRIDENT – 2	19-16.00N	072-12.00E	
	TRIDENT – 12	18-39.28N	070-58.85E	
	VIRTUE 1	19-05.33N	072-06.88E	
	wide berth requested.			
2.	Cancel NAVAREA VIII 275/12.			
279. Cancel NAVAREA VIII 226/12 and this MSG.				
280. NAVAREA VIII – Messages in force as on 181004 UTC May 12:				
	2011 Series: - 225 442 596 708			
	2012 Series: - 024 037 091 121 154 224 227 243 245 254 260 262 263 264 266 269 274 276 277 278 279			
	(a) NAVAREA VIII warnings less than 42 days old (224/12 onward) are promulgated via SafetyNET.			
	(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in			
	(c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.			
2.	Cancel this MSG 251001 UTC May 12.			
281. Cancel NAVAREA VIII 225/11, 121/12 and this MSG. INM 128/12 and 129/12 refers.				
282. India West Coast – off Trivandrum. Charts 22 32 222 260 INT 706. Hydrographic survey in progress till 31 May 12 in area bounded by:				
	(a) 07-59.0N	075-58.5 E	(b) 07-59.0N	077-22.3E
	(c) 08-45.5N	077-22.3E	(d) 08-45.5N	075-58.5E
2.	Caution advised.			
3.	Cancel this MSG 010001 UTC Jun 12.			
283. India West Coast – off Navadra. Charts 21 204 252 292 INT 705. SPM light 21-56.01N 069-09.86E unlit.				
284. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 211002 UTC May 12:				
	ABAN II	16-39.13N	082-22.73E	
	DEEP DRILLER-1	16-40.12N	082-27.50E	
	DEEP SEA MATDRILL	16-16.28N	081-43.51E	
	DHIRUBHAI DEEPWATER KG-1	20-00.13N	088-24.17E	

284. Continued.				
GSF-140	16-31.68N		082-28.43E	
MG HULME JR	16-35.72N		082-27.09E	
NOBLE DUCHESS	16-16.45N		082-11.81E	
PLATINUM EXPLORER	17-48.30N		084-47.16E	
wide berth requested.				
2.	Cancel NAVAREA VIII 254/12.			
285. India West Coast – Arabian Sea.	Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 211003 UTC May 12:			
ABAN ICE	18-31.91N		071-21.11E	
ABAN III	19-11.98N		072-11.00E	
ABAN IV	19-40.40N		071-19.38E	
ABAN VII	20-21.14N		071-48.46E	
BADRINATH	19-11.16N		070-39.66E	
DEEP SEA FOSSIL	20-55.01N		072-32.48E	
DEEP SEA FORTUNE	20-40.05N		072-13.03E	
DISCOVERY-1	20-43.00N		072-19.06E	
ENERGY DRILLER	18-46.03N		071-25.41E	
FG MC CLINTOK	19-38.00N		071-21.44E	
GREATDRILL CHETNA	20-44.54N		071-55.55E	
GREATDRILL CHITRA	18-39.50N		072-12.85E	
JT ANGEL	19-36.73N		071-24.00E	
KEDARNATH	20-22.31N		071-28.48E	
NOBLE KENNETH DELANEY	18-55.50N		072-02.48E	
NOBLE CHARLIE YESTER	19-18.21N		071-15.95E	
NOBLE ED HOLT	18-41.46N		072-20.88E	
RON TAPPMAYER	19-34.15N		071-25.11E	
SAGAR GAURAV	19-16.81N		072-11.73E	
SAGAR KIRAN	18-37.00N		072-41.00E	
SAGAR LAXMI	18-36.15N		071-01.63E	
SAGAR PRAGATI	18-32.26N		072-15.43E	
SAGAR SHAKTI	19-10.40N		071-26.43E	
TRIDENT – 2	19-16.00N		072-12.00E	
TRIDENT – 12	18-39.28N		070-58.85E	
VIRTUE 1	19-05.33N		072-06.88E	
wide berth requested.				
2.	Cancel NAVAREA VIII 278/12.			
286. India East Coast - Gopalpur.	Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 30 May to 02 Jun 12 in area bounded by:			
(a)	19-14.60N	084-53.70E	(b)	19-37.05N 085-27.87E
(c)	18-46.05N	085-22.87E		
	and arc of 41 nm radius joining point (b) and (c).			
2.	Safe flying height 7000 metres.			
3.	Cancel this MSG 021900 UTC Jun 12.			
287. India West Coast – Port of Mumbai.	Charts 21 22 211 255 292 293 2015 2016 2076 INT 705 INT 706. Firing from 0400 UTC to 0730 UTC on 30 May 12 in following areas:			
	Middle Ground			
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-54.50N	072-54.00E	(d)	18-55.16N 072-54.83E
	Oyster Rock			
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-48.00N	072-52.00E	(d)	18-54.08N 072-49.80E
	Colaba Point			
(a)	18-48.00N	072-38.00E	(b)	18-53.58N 072-48.75E
(c)	19-00.00N	072-44.08E	(d)	19-00.00N 072-38.00E
2.	Safe flying height 2000 metres.			
3.	Cancel this MSG 300830 UTC May 12.			

<p>288. Andaman Sea – Northern Part. Charts 41 451 INT 706. Survey vessels MV Dayang Sari and MV Volans will carry out geophysical and geotechnical survey from 24 May to 31 May 12 in area bounded by:</p> <table> <tr> <td>(a) 15-29N 094-45E</td> <td>(b) 15-23N 094-43E</td> </tr> <tr> <td>(c) 15-22N 094-49E</td> <td>(d) 15-27N 094-51E</td> </tr> </table> <p>2. Wide berth of 03 nm around the area requested. 3. Cancel this MSG 010001 UTC Jun 12.</p>	(a) 15-29N 094-45E	(b) 15-23N 094-43E	(c) 15-22N 094-49E	(d) 15-27N 094-51E																								
(a) 15-29N 094-45E	(b) 15-23N 094-43E																											
(c) 15-22N 094-49E	(d) 15-27N 094-51E																											
<p>289. Myanmar West Coast – off Ramree Island. Charts 31 371 INT 706. Pipelines trenching and backfilling operation will be carried out by dredger Dharti-XXIV and dredger Dharti-XI from 31 May to 30 Sep 12 along lines joining following points:</p> <table> <tr> <td colspan="4">GAS PIPELINE</td> </tr> <tr> <td>(a) 19-21.47N</td> <td>093-40.93E</td> <td>(b) 19-21.45N</td> <td>093-44.05E</td> </tr> <tr> <td colspan="4">OIL PIPELINE</td> </tr> <tr> <td>(a) 19-21.50N</td> <td>093-40.93E</td> <td>(b) 19-21.45N</td> <td>093-44.05E</td> </tr> <tr> <td colspan="4">OPTICAL FIBER CABLE</td> </tr> <tr> <td>(a) 19-21.50N</td> <td>093-40.92E</td> <td>(b) 19-21.47N</td> <td>093-44.05E</td> </tr> </table> <p>2. Wide berth of 03 nm around the lines requested. 3. Cancel this MSG 010001 UTC Oct 12.</p>	GAS PIPELINE				(a) 19-21.47N	093-40.93E	(b) 19-21.45N	093-44.05E	OIL PIPELINE				(a) 19-21.50N	093-40.93E	(b) 19-21.45N	093-44.05E	OPTICAL FIBER CABLE				(a) 19-21.50N	093-40.92E	(b) 19-21.47N	093-44.05E				
GAS PIPELINE																												
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(a) 19-21.50N	093-40.92E	(b) 19-21.47N	093-44.05E																									
<p>290. 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 Jun to 07 Jun and 14 Jun to 21 Jun 12 in area bounded by:</p> <table> <tr> <td>(a) 15-13N 073-57E</td> <td>(b) 15-13N 073-52E</td> </tr> <tr> <td>(c) 15-11N 073-52E</td> <td>(d) 15-11N 073-57E</td> </tr> </table> <p>2. Safe flying height 3500 metres. 3. Cancel this MSG 211330 UTC Jun 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>291. 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 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>05 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>08 Jun 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>12 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>15 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>19 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>22 Jun 12</td> <td>0900 to 1200</td> </tr> <tr> <td>26 Jun 12</td> <td>0900 to 1200 AND 1230 TO 1430</td> </tr> <tr> <td>29 Jun 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 Jun 12.</p>	Date	Time (UTC)	01 Jun 12	0900 to 1200	05 Jun 12	0900 to 1200	08 Jun 12	0900 to 1200 and 1230 to 1430	12 Jun 12	0900 to 1200	15 Jun 12	0900 to 1200	19 Jun 12	0900 to 1200	22 Jun 12	0900 to 1200	26 Jun 12	0900 to 1200 AND 1230 TO 1430	29 Jun 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 Jun 12	0900 to 1200																											
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15 Jun 12	0900 to 1200																											
19 Jun 12	0900 to 1200																											
22 Jun 12	0900 to 1200																											
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(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																									
<p>292. India West Coast – Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706. Firing by Naval Coast Battery between 0430 UTC to 0730 UTC on 30 May 12.</p> <p>2. Danger area sector of 15 nm radius from 200 degree to 260 degree from 15-24.6N 073-47.1E. 3. Safe flying height 6500 metres. 4. Cancel this MSG 300830 UTC May 12.</p>																												
<p>293. Cancel NAVAREA VIII 283/12 and this MSG. Section VII of INM edition 09/12 refers.</p>																												
<p>294. India West Coast – Arabian Sea. Charts 21 22 INT 705. Firing by Naval ships from 021430 UTC to 031230 UTC Jun 12 in area bounded by:</p> <table> <tr> <td>(a) 18-23.0N</td> <td>070-11.5E</td> <td>(b) 18-23.0N</td> <td>068-47.5E</td> </tr> <tr> <td>(c) 17-02.0N</td> <td>068-47.5E</td> <td>(d) 17-02.0N</td> <td>070-11.5E</td> </tr> </table> <p>2. Safe flying height 3000 metres. 3. Cancel this MSG 031330 UTC Jun 12.</p>	(a) 18-23.0N	070-11.5E	(b) 18-23.0N	068-47.5E	(c) 17-02.0N	068-47.5E	(d) 17-02.0N	070-11.5E																				
(a) 18-23.0N	070-11.5E	(b) 18-23.0N	068-47.5E																									
(c) 17-02.0N	068-47.5E	(d) 17-02.0N	070-11.5E																									
<p>295. NAVAREA VIII – Messages in force as on 251003 UTC May 12: 2011 Series: - 442 596 708 2012 Series: - 024 037 091 154 227 245 260 262 263 264 266 269 282 284 285 286 287 288 289 290 291 292 293 294</p> <p>(a) NAVAREA VIII warnings less than 42 days old (227/12 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 011001 UTC Jun 12.</p>																												

296.	Cancel NAVAREA VIII 260/12 and this MSG.
297.	India East Coast – Kakinada. Chart 31 32 354 3009 INT 706. Hydrographic survey in progress till 30 Jun 12 in area bounded by: (a) 16-55.5N 082-15.5E (b) 16-55.5N 082-22.5E (c) 17-03.0N 082-22.5E (d) 17-03.0N 082-15.5E 2. Cancel this MSG 010001 UTC Jul 12.
298.	Cancel NAVAREA VIII 287/12 and this MSG.
299.	India East Coast - Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC daily from 04 Jun to 07 Jun, 12 Jun to 15 Jun and 18 Jun to 23 Jun 12 in area bounded by: (a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.87E (c) 18-46.05N 085-22.87E and arc of 41 nm radius joining point (b) and (c). 2. Safe flying height 7000 metres. 3. Cancel this MSG 231900 UTC Jun 12.
300.	India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast Battery between 1030 UTC to 1230 UTC on 06 Jun 12. 2. Danger area from 300 degree to 020 degree up to 12 nm seaward from 22- 28.03N 069-04.98E. 3. Safe flying height 13000 metres. 4. Cancel this MSG 061330 UTC Jun 12.
301.	Cancel NAVAREA VIII 269/12 and this MSG.
302.	India West Coast – off Vadinar. Charts 21 203 2060 2068 INT 705. STS lighterage operations shifted from LPO Mumbai to LPO Vadinar within one mile radius of 22-32.0N 069-36.5E 2. Cancel 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)

Bay of Bengal Pilot (INP-2)

Chapter - 2 (Page - 112)

(Source: ROS INS Darshak (I(P)-131))

Insert new Article 2.92a after article 2.92

1 **General Information.** Kattupalli is located 8 nm south of Pulicat lake and 3.5 nm north of Ennore Port. The Port has been developed by L & T for ship building and handling containers, lighters and RO-ROs.



Aerial View Kattupalli Port

2 **Position.** Kattupalli Port is located in position 13°18' 57.26" N, 80°20' 45.68" E.

3 Port is capable of handling vessels of maximum LOA-300m, beam-40m and draught-13m.

4 **Tides and Current.** Tide at Kattupalli is similar to Ennore port. Tides are semi-diurnal with mean spring tidal range 1.2 m while the mean neap tidal range is 0.2 m. Current at the mouth of harbour during the month of Jan to Feb is 190° - 0.6 knots.

5 **Approach Channel.** Kattupalli port is protected by two breakwaters. The length of north break water and South break water is 1.8 Km and 1.4 Km respectively. The approach channel consists of legs 283°, 301° and 321°. Length of approach leg is 3.4 Km and the width of channel is 180 m. Turning basin is 500 m in diameter. The channel is marked with 10 buoys which include four sets of port/starboard hand buoys, one fairway buoy and one south cardinal mark close to north break water. Construction of transits and navigational marks will be undertaken in the near future.

6 **Weather** Sea state depends on the period of the year. During monsoons (north east) in the months of Nov - Jan the sea state picks up to 3-4 with wind speed of 20 – 25 knots.

7 **Pilotage** is compulsory for all ships entering Kattupalli port. Pilot embarkation point is 0.5 NM east of fairway buoy.

8 **Tugs.** Two tugs of 45 Ton (Bollard Pull) are available at all times on VHF channel 16.

9 **Berthing and wharves** Presently two berths are available CB-1 and CB-2 of length 350m and 360m respectively.

10 **Cranes** Each berth has 3 STS(Ship to Shore) cranes which can handle both 20ft and 40ft containers with 52m outreach with safe working load of 65 tons on dual lift or 80 tons on hook. For container handling there is RQMC (Randomized Quasi-Monte Carlo)-3 each on CB-1and CB-2 and 15 RTG (Rubber Tyred Gantry) (40 T) in container yard.

11 **Repairs** Port is capable of handling hull, machinery and underwater repair at ship repair yard. Ship lift facility is also available. Ship lift can handle vessels of Maximum LOA-220m, beam-42m, and Displacement-18500 tons.

12 **Rescue and Distress.** Coast Guard ships stationed at Chennai are available for search and rescue in case of any emergency.

13 **Services** available in the port are as follows:-

(i)	Radio Telegrams/ Telephony	Yes (VHF range)
(ii)	Medical	Basic facility available
(iii)	Quarantine	Yes
(iv)	Consultants	Chennai
(v)	Ship chandlery and stevedores	Yes
(vi)	Tank Cleaning	Yes (at Shipyard)
(vii)	Hull painting	Yes (at Shipyard)
(viii)	Diving and underwater observation	Yes
(ix)	Police/Ambulance/Fire	Yes
(x)	Navigational warnings and weather bulletins	Yes
(xi)	Garbage Disposal	Yes
(xii)	Telephones	Yes
(xiii)	Waste oil disposal	Yes

14 **Communication** Port control is not yet functional, but port authorities and tugs can be contacted on VHF CH 16.

Nearest Highway - NH 16 (22 km)

Nearest Railhead - Athipattu (7 km)
Chennai (29Km)

Nearest Airport - Chennai (45 km)
Tirupati (92.5 km)

15 **Port Authority** Following are to be contacted for arrival information and other details:

(a) Tamilnadu Maritime Board
22, Sir Thyagaraya Road, T.Nagar,
Chennai 600 017.
Phone: 044-28151232/ 044-28154481
Fax: 044-28151632
E-mail: shipping.tnmb@gmail.com

(b) Capt N.Viswanathan, GM (Marine Services)
L&T Shipbuilding Limited – Port Division
Kattupalli village
Ponneri taluk
Tiruvallur district
Tamilnadu 600 120.
Fax No.:- +91 44 2846 2216
E-mail:- viswanathan@lntidpl.com

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

-Nil-



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. 09 dated 01 May12)

NIL

INP 31(6), 2005

(Last correction: Edition No. 09 dated 01 May 2012)

NIL



SECTION – IX **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

3. 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

To accompany Indian Notice to Mariners 134/12

Chart 293

OILFIELD DEVELOPMENT AREA

Numerous production platforms, under – water construction work on wellheads and pipelines, single buoy moorings and oil derricks, only some of which carry lights and for signals, other unlit objects and submerged obstructions, oil barges, drilling rigs, driving tenders and support vessels exist within the Oilfield Development Areas enclosed by pecked lines. As all these features cannot be charted, special caution should be exercised by vessels navigating in the vicinity. Vessels are advised not to enter these areas and those entering will do so at their own risk for which Government of India will not be liable in any way.

The Government of India has established 500 meter Safety Zone around each installation in these Oilfield Development Areas. Mariners should not enter these safety zones. For details see Notices to Mariners Special Edition, Notice No 21.

To accompany Indian Notice to Mariners 134/12

Chart 293

FIRING PRACTICE AREA

Firing Practice takes place in this area. For details see Notices to Mariners Special Edition, Notice No 9.

To accompany Indian Notice to Mariners 134/12

Chart 292

OILFIELD DEVELOPMENT AREA

Numerous production platforms, under – water construction work on wellheads and pipelines, single buoy moorings and oil derricks, only some of which carry lights and for signals, other unlit objects and submerged obstructions, oil barges, drilling rigs, driving tenders and support vessels exist within the Oilfield Development Areas enclosed by pecked lines. As all these features cannot be charted, special caution should be exercised by vessels navigating in the vicinity. Vessels are advised not to enter these areas and those entering will do so at their own risk for which Government of India will not be liable in any way.

The Government of India has established 500 meter Safety Zone around each installation in these Oilfield Development Areas. Mariners should not enter these safety zones. For details see Notices to Mariners Special Edition, Notice No 21.



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