



INDIAN NOTICES TO MARINERS



EDITION NO. 14 DATED 16 JUL 2010

(CONTAINS NOTICES 190 TO 198)

REACH US 24 x 7



inho@dataone.in
inho_marinesafety@dataone.in



+91-135-2748373



National Hydrographic Office
107-A, Rajpur Road
Dehradun – 248001
INDIA



Joint Director of Hydrography
Maritime Safety Information Services
+91- 135 - 2747360-65



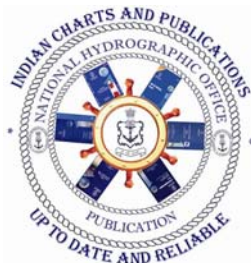
www.hydrobharat.nic.in

CONTENTS

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

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

FEEDBACK: inho_marinesafety@dataone.in



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



© Govt. of India Copyright

No permission is required to make copies of these Notices. However, such copies are not to be commercially sold.

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 short comings 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 INT 1 (5020).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

Laws and Regulations. While in the interest of the safety of shipping, the Hydrographic Office makes every endeavor to include in its publications details of the laws and regulations of all countries pertaining to navigation, it must be clearly understood: -

- (a) That no liability whatsoever can be accepted for failure to publish details of any particular law or regulation and
- (b) That publication of details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the International validity of the law or regulation.

Correction of Charts and Publications by the Users. Notices to Mariners contain important information concerning safety of navigation at sea, hence, they should be used to keep the specified charts and publications up-to-date.

Reliance on Charts and Associated Publications. While every effort is made by the Hydrographic Office to ensure the accuracy of the information on Charts and Publications before they are published, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge for the reliance he can place on the information available, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

Use of Global Positioning System (WGS 84) positions.

- (a) The positions of hydrographic objects shown on most of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

Source Data on Charts. All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

Further Guidance. The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

NEWLY PUBLISHED INDIAN CHARTS, ENC'S AND PUBLICATION

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN52054M	2054	MADHWAD BAY	30-04-2010

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN52054M	2054	MADHWAD BAY	31-08-2000

3. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
356 (INT 7400)	CHENNAI TO RAMAYPATNAM	3,00,000	New Edition
2004 (INT 7359)	KOCHI (COCHIN HARBOUR)	25,000	New Edition
2045 (INT 7360)	PORT OF KOCHI (COCHIN)	7,500	New Edition
201	GORA CHAN CREEK TO GODIA CREEK	1,50,000	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. 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@dataone.in in角度_marinesafety@dataone.in in角度_sales@dataone.in Website: www.hydrobharat.nic.in	Director, JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 India Ph: 91-22- 65103668 Fax: 91- 22- 67939504 Email: info@c-map.co.in Website: www.c-map.co.in
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 list of charts affected by the Notices 190 to 198 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	194
289	1	194
436	7	195
2002(INT 7351)	3	191
2020	3	192, 197(P)
2036	3	198(P)
2078(INT 7346)	3	192, 197(P)
2100	2	190
7508(INT 508)	1	196
8004	1	194
8010	1	193



SECTION – II
PERMANENT NOTICES

***190/(14/10) INDIA – WEST COAST – Port Pipavav – Lights.**

Indian List of Lights Vol F & K- 2009; F:- 0437.7, 0437.71

Source: Harbour Master Pipavav Port.

(HJ/1130/08)

Chart 2100 [previous update 157/10]

Substitute  (35) for  (35) 20° 55'·51N., 71° 31'·00E.


 (45) for  (45) 20° 55'·63N., 71° 31'·09E.

Chart 2100 (Plan) [previous update 157/10]

Amend Light to, Fl 3s 35m10M 20° 55'·150N., 71° 30'·270E.

Light to, Oc 6s 45m10M 20° 55'·261N., 71° 30'·291E.

Substitute  (35) for  (35) 20° 55'·510N., 71° 31'·000E.

 (45) for  (45) 20° 55'·635N., 71° 31'·089E.

***191/(14/10) INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Landmark.**

Source: NHO Dehradun.

(HJ/1030/25)

Chart 2002(INT7351) [previous update 346/09]

Insert  12° 49'·152N., 74° 50'·569E.

***192/(14/10) INDIA – WEST COAST – Approaches to Mormugao – Dolphins.**

Source: Mormugao Port Trust.

(HJ/1030/56)

Chart 2020 [previous update 359/09]

Insert MD-4 15° 25'·03N., 73° 48'·15E.

MD-5 15° 25'·17N., 73° 48'·04E.

Chart 2078(INT 7346) [previous update 359/09]

Insert MD-4 15° 25'·03N., 73° 48'·15E.

MD-5 15° 25'·17N., 73° 48'·04E.

Former INM 367(P)/09 is cancelled.

193/(14/10) GULF OF ADEN – Golfe de Tadjoura Eastwards – Obstruction

Source: BA Notice – 3229/10.

(HJ/1033/15)

Chart 8010 [previous update 060/10]

Insert  Unexploded Ordnance PA 11° 52'·4N., 44° 09'·4E.

194/(14/10) UNITED ARAB EMIRATES – Umm al Qaiwain (Umm al Qaywayn) Westwards – Wreck.

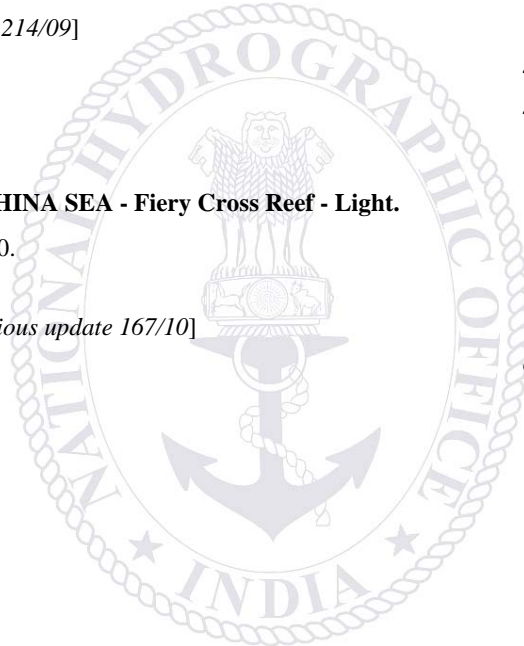
Source: BA Notice – 3524/10.

*(HJ/1132/54)***Chart 20** [*previous update 187/10*]Insert  *Wk* 25° 34'·9N., 55° 23'·1E.**Chart 289** [*previous update 188/10*]Insert  *Wk* 25° 34'·9N., 55° 23'·1E.**Chart 8004** [*previous update 154/10*]Insert  *Wk* 25° 34'·9N., 55° 23'·1E.**195/(14/10) MALAYSIA – Peninsular Malaysia, West Coast – Pulau Pangkor Northwards – Beting Batu Malang – Wreck. Obstruction.**

Source: BA Notice – 3423/10.

*(HJ/927/49)***Chart 436** [*previous update 214/09*]Insert  *Obstn* 4° 16'·39N., 100° 34'·08E.
4° 16'·24N., 100° 33'·17E.**196/(14/10) SOUTH CHINA SEA - Fiery Cross Reef - Light.**

Source: BA Notice – 3461/10.

*(HJ/926/97)***Chart 7508(INT 508)** [*previous update 167/10*]Insert  9° 33'·3N., 112° 54'·2E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***197(P)/(14/10) INDIA – WEST COAST – Approaches to Mormugao – Construction Work.**

Source: Mormugao Port Trust

(HJ/1030/56)

1. Construction of additional Mooring Dolphin (MD-6) in progress in position 15° 25' 28N 73° 47' 90E.
2. Construction pontoons and obstructions at site will exhibit Red Flashing light every 2 second.
3. Mariners are advised to reduce speed, navigate with caution in the vicinity of construction site and not to close the construction site less than 100 metres.
4. **Former INM 367(P)/09 is Cancelled.**

Charts Affected – 2020 – 2078 (INT 7346).

***198(P)/(14/10) INDIA – WEST COAST – Murud Janjira Harbour – Dighi Port – Buoys.**

Source: Dighi Port Limited.

(HJ/1030/87)

1. Following Navigational buoys are laid to mark the Dighi port channel.

<u>Buoys No</u>	<u>Position</u>	<u>Characteristics</u>
1	18° 17' 40N 72° 50' 81E.	Q(4).G.6s
2	18° 17' 59N 72° 50' 79E.	Q(4).R.6s
3	18° 17' 45N 72° 51' 77E.	Q(5).G.7s
4	18° 17' 64N 72° 51' 76E.	Q(5).R.7s
5	18° 17' 50N 72° 52' 73E.	Q(6).G.10s
6	18° 17' 69N 72° 52' 72E.	Q(6).R.10s
7	18° 17' 58N 72° 53' 68E.	Iso.G.2s
8	18° 17' 72N 72° 53' 66E.	Iso.R.2s
9	18° 17' 60N 72° 54' 65E.	Fl(4).G.10s
10	18° 17' 79N 72° 54' 64E.	Fl(4).R.10s
11	18° 17' 64N 72° 55' 42E.	Fl(2+1).G.12s
12	18° 17' 83N 72° 55' 41E.	Fl(2+1).R.12s
13	18° 17' 67N 72° 56' 18E.	VQ(9).G.10s
14	18° 17' 87N 72° 56' 19E.	VQ(9).R.10s
15	18° 17' 54N 72° 56' 90E.	Iso.G.4s
16	18° 17' 77N 72° 56' 98E.	Iso.R.4s
17	18° 17' 21N 72° 57' 55E.	Fl(3).G.10s
18	18° 17' 37N 72° 57' 68E.	Fl(3).R.10s
19	18° 16' 88N 72° 58' 04E.	VQ(6).G + LFl.15s
20	18° 16' 96N 72° 58' 28E.	VQ(6).R + LFl.15s
A	18° 16' 39N 72° 58' 45E.	Oc.Y.5s
B	18° 16' 58N 72° 58' 71E.	Iso.Y.6s
C	18° 16' 66N 72° 59' 02E.	VQ(2).Y.4s
D	18° 17' 05N 72° 58' 69E.	Fl(3).Y.10s
E	18° 16' 94N 72° 58' 46E.	Q(9).Y.15s

2. All positions referred to WGS 84 datum.
3. Mariners to exercise caution.

Charts Affected – 2036.

SECTION – IV
MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

MSI Promulgation by Mumbai NAVTEX Coast Station position 19° 05'00 N, 072° 50'00 E is closed for maintenance.

(Source - NAVAREA VIII Warning 305/08)

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: 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 and Publications New No. 221, Old No. 107, Unit No. F9, Hotel Chennai Palace, Angappa Naicken Street Chennai – 600001, Telefax : 044-42165008 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammampeta, 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 23736956/6907, 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

SECTION – V
NAVAREA – VIII WARNING 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 Warning Inforce as on 15 Jul 10.

2010 SERIES - 138 252 297 303 314 315 352 353 361 379 380 389 391 392 396 397 399
401 404 406 409 411
3. NAVAREA VIII Warnings issued during the period from 01 Jul to 15 Jul 10 (both dates inclusive) are as tabulated below:-

387.	Self Cancelling. Cancel NAVAREA VIII messages 304 and 375 of 2010 issued by INM 13 of 2010.																																																																																	
388.	Self Cancelling. Cancel NAVAREA VIII message 374 of 2010.																																																																																	
389.	Indian Ocean- Western Part. Charts INT 71 72 702 703 and 705. Srilankan fishing vessel Dinusha 02, 12.2 metres length yellow and white coloured (IMUL-A-0408-GLE) with 05 crew onboard missing since 16 Jun 2010. Last known position 11-30N 060-40E. 2. All vessels operating in vicinity to keep sharp lookout and render assistance.																																																																																	
390.	Self Cancelling. NAVAREA VIII-Warnings inforce 2010 Series – 138 252 264 297 303 314 315 342 351 352 353 355 361 369 373 376 377 379 380 381 382 383 384 385 386 387 388 389																																																																																	
391.	Cancel NAVAREA VIII messages 342 and 369 of 2010. India West Coast – Arabian Sea. Charts 21 22 202 207 209 211 251 253 254 255 271 291 292 293 INT 705 INT 706. Present position of oil rigs / drill ships as follows: <table style="width: 100%; border-collapse: collapse;"> <tr><td>ABAN ICE</td><td>18-45.06N</td><td>071-16.03E</td></tr> <tr><td>ABAN II</td><td>20-23.61N</td><td>072-09.93E</td></tr> <tr><td>ABAN III</td><td>19-31.16N</td><td>071-19.85E</td></tr> <tr><td>ABAN IV</td><td>19-32.26N</td><td>071-24.08E</td></tr> <tr><td>ABAN V</td><td>19-33.48N</td><td>071-24.91E</td></tr> <tr><td>BADRINATH</td><td>18-31.98N</td><td>072-00.91E</td></tr> <tr><td>CE THORNTON</td><td>20-14.96N</td><td>071-58.31E</td></tr> <tr><td>DISCOVERY 1</td><td>19-11.98N</td><td>072-11.00E</td></tr> <tr><td>FG MCCLINTOCK</td><td>19-47.88N</td><td>072-07.53E</td></tr> <tr><td>GREATDRILL CHETNA</td><td>20-32.30N</td><td>072-08.88E</td></tr> <tr><td>GREATDRILL CHITRA</td><td>22-55.25N</td><td>067-49.50E</td></tr> <tr><td>JT ANGEL</td><td>18-47.20N</td><td>072-19.51E</td></tr> <tr><td>NOBLE GEORGE MCLEOD</td><td>19-13.43N</td><td>071-28.71E</td></tr> <tr><td>NOBLE CHARLIE YESTER</td><td>18-38.78N</td><td>072-14.93E</td></tr> <tr><td>NOBLE ED HOLT</td><td>19-35.30N</td><td>071-24.38E</td></tr> <tr><td>RON TAPMEYER</td><td>18-29.85N</td><td>072-15.00E</td></tr> <tr><td>SAGAR GAURAV</td><td>19-19.75N</td><td>071-05.38E</td></tr> <tr><td>SAGAR JYOTI</td><td>20-22.48N</td><td>072-02.40E</td></tr> <tr><td>SAGAR KIRAN</td><td>19-25.00N</td><td>072-13.83E</td></tr> <tr><td>SAGAR LAXMI</td><td>18-36.15N</td><td>071-01.63E</td></tr> <tr><td>SAGAR PRAGATI</td><td>19-37.35N</td><td>071-21.66E</td></tr> <tr><td>SAGAR SAMRAT</td><td>19-32.13N</td><td>071-18.81E</td></tr> <tr><td>SAGAR SHAKTI</td><td>19-17.48N</td><td>072-03.80E</td></tr> <tr><td>SAGAR UDAY</td><td>19-24.60N</td><td>071-21.25E</td></tr> <tr><td>TRIDENT – 2</td><td>19-18.26N</td><td>071-15.93E</td></tr> <tr><td>TRIDENT – 12</td><td>18-32.70N</td><td>072-13.98E</td></tr> <tr><td>VIRTUE 1</td><td>19-23.48N</td><td>071-25.18E</td></tr> </table>	ABAN ICE	18-45.06N	071-16.03E	ABAN II	20-23.61N	072-09.93E	ABAN III	19-31.16N	071-19.85E	ABAN IV	19-32.26N	071-24.08E	ABAN V	19-33.48N	071-24.91E	BADRINATH	18-31.98N	072-00.91E	CE THORNTON	20-14.96N	071-58.31E	DISCOVERY 1	19-11.98N	072-11.00E	FG MCCLINTOCK	19-47.88N	072-07.53E	GREATDRILL CHETNA	20-32.30N	072-08.88E	GREATDRILL CHITRA	22-55.25N	067-49.50E	JT ANGEL	18-47.20N	072-19.51E	NOBLE GEORGE MCLEOD	19-13.43N	071-28.71E	NOBLE CHARLIE YESTER	18-38.78N	072-14.93E	NOBLE ED HOLT	19-35.30N	071-24.38E	RON TAPMEYER	18-29.85N	072-15.00E	SAGAR GAURAV	19-19.75N	071-05.38E	SAGAR JYOTI	20-22.48N	072-02.40E	SAGAR KIRAN	19-25.00N	072-13.83E	SAGAR LAXMI	18-36.15N	071-01.63E	SAGAR PRAGATI	19-37.35N	071-21.66E	SAGAR SAMRAT	19-32.13N	071-18.81E	SAGAR SHAKTI	19-17.48N	072-03.80E	SAGAR UDAY	19-24.60N	071-21.25E	TRIDENT – 2	19-18.26N	071-15.93E	TRIDENT – 12	18-32.70N	072-13.98E	VIRTUE 1	19-23.48N	071-25.18E
ABAN ICE	18-45.06N	071-16.03E																																																																																
ABAN II	20-23.61N	072-09.93E																																																																																
ABAN III	19-31.16N	071-19.85E																																																																																
ABAN IV	19-32.26N	071-24.08E																																																																																
ABAN V	19-33.48N	071-24.91E																																																																																
BADRINATH	18-31.98N	072-00.91E																																																																																
CE THORNTON	20-14.96N	071-58.31E																																																																																
DISCOVERY 1	19-11.98N	072-11.00E																																																																																
FG MCCLINTOCK	19-47.88N	072-07.53E																																																																																
GREATDRILL CHETNA	20-32.30N	072-08.88E																																																																																
GREATDRILL CHITRA	22-55.25N	067-49.50E																																																																																
JT ANGEL	18-47.20N	072-19.51E																																																																																
NOBLE GEORGE MCLEOD	19-13.43N	071-28.71E																																																																																
NOBLE CHARLIE YESTER	18-38.78N	072-14.93E																																																																																
NOBLE ED HOLT	19-35.30N	071-24.38E																																																																																
RON TAPMEYER	18-29.85N	072-15.00E																																																																																
SAGAR GAURAV	19-19.75N	071-05.38E																																																																																
SAGAR JYOTI	20-22.48N	072-02.40E																																																																																
SAGAR KIRAN	19-25.00N	072-13.83E																																																																																
SAGAR LAXMI	18-36.15N	071-01.63E																																																																																
SAGAR PRAGATI	19-37.35N	071-21.66E																																																																																
SAGAR SAMRAT	19-32.13N	071-18.81E																																																																																
SAGAR SHAKTI	19-17.48N	072-03.80E																																																																																
SAGAR UDAY	19-24.60N	071-21.25E																																																																																
TRIDENT – 2	19-18.26N	071-15.93E																																																																																
TRIDENT – 12	18-32.70N	072-13.98E																																																																																
VIRTUE 1	19-23.48N	071-25.18E																																																																																
2.	Wide berth requested.																																																																																	

392. Cancel NAVAREA VIII messages 351 and 381 of 2010. India East Coast– Bay of Bengal. Charts 31 32 33 301 351 352 353 354 355 356 357 3009 INT 706. Present position of oil rigs / drill ships as follows:				
DISCOVERER SEVEN SEAS	17-00.45N		082-26.16E	
DHEERU BHAI DEEPWATER KG-1	17-28.46N		085-14.76E	
DEEP SEA MATDRILL	09-20.58N		079-06.88E	
ENERGY DRILLER	16-19.23N		082-15.76E	
HERCULES 258	16-40.43N		082-24.00E	
HERCULES 260	16-20.81N		081-52.80E	
SAGAR BHUSHAN	16-31.45N		082-22.65E	
SAGAR VIJAY	16-35.10N		082-27.66E	
DISCOVERER 534	18-35.23N		088-33.76E	
DEEP WATER FRONTIER	16-10.11N		082-39.75E	
DHEERU BHAI DEEPWATER KG-2	16-42.51N		082-35.38E	
2. Wide berth requested.				
393. India East Coast – Pondicherry. Charts 32 357 3003 INT 706. Pondicherry DGPS 11-54.99N 079-49.85E off air from 0030 UTC to 1230 UTC on 06 Jul 2010.				
2. Cancel this message on 07 Jul 2010.				
394. Self Cancelling. India East Coast – Pandiyan Island. Charts 224 262 263 2075 INT 706. Pandiyan Tivu DGPS 08-47.14N 078-11.83E off air from 0030 UTC to 1230 UTC on 07 Jul 2010.				
395. India East Coast – Bay of Bengal. Charts 32 33 313 356 357 INT 70 INT 72 INT 702 INT 705 INT 706 INT 707 INT 711. Rocket launching scheduled from launch pad 13-43.9N 080-14.2E between 0315 UTC to 0545 UTC from 12 Jul to 19 Jul 2010.				
2. Danger area as follows				
(a) Danger Zone – 1. Circle of 10 NM around the launcher.				
(b) Danger Zone–2. Sector between radii of 115 NM and 165 NM from launcher and between azimuth angles 130 degree and 150 degree from true north.				
(c) Danger Zone -3. Area bounded by following points.				
(i)	09-00.0N	085-00.0E	(ii)	09-00.0N 085-30.0E
(iii)	07-30.0N	085-30.0E	(iv)	07-30.0N 085-00.0E
(d) Danger Zone – 4. Area bounded by following points.				
(i)	00-50.0S	080-50.0E	(ii)	00-50.0S 082-50.0E
(iii)	04-50.0S	082-50.0E	(iv)	04-50.0S 080-50.0E
(e) Danger Zone – 5. Area bounded by following points.				
(i)	30-00.0S	074-30.0E	(ii)	30-00.0S 078-30.0E
(iii)	35-00.0S	078-30.0E	(iv)	35-00.0S 074-30.0E
3. Mariners to exercise caution.				
4. Cancel this message on 20 Jul 2010.				
396. India East Coast – Antervedi. Charts 31 32 355 INT 706. Mast of drilling rig (42.7 metres height) with obstruction light installed closed to Antervedi lighthouse in position 16-18.55N 081-44.19E.				
2. Mariners to exercise caution.				
397. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery on following dates.				
	Date		Time (UTC)	
	13 Jul 2010		0900 to 1200	
	16 Jul 2010		0900 to 1200 and 1230 to 1430	
2. Danger area bounded by				
(a)	09-57.50N	075-59.50E	(b)	09-57.70N 076-14.20E
(c)	09-44.00N	076-17.50E	(d)	09-42.50N 076-09.50E
3. Safe flying height 10000 metres.				
4. Cancel this message on 17 Jul 2010.				

<p>399. India West Coast- Jaigarh. Charts 22 212 256 2011 INT 706. Port hand buoy no 2 removed for maintenance from position 17-19.30N 073-10.15E.</p> <p>2. Mariners to exercise caution.</p>																		
<p>400. Indian Ocean– Off Mauritius. Charts 2086 7700 INT 71 INT 72 INT 702. C/S Chamarel is carrying out a cable repair on a submarine cable in position 20-05.72S 057-28.70E.</p> <p>2. Wide berth of 01 NM requested.</p>																		
<p>401. India West Coast – Mormugao. Charts 22 257 INT 705 INT 706. Firing practice by naval aircraft between 0230 UTC to 1230 UTC from 14 Jul to 21 Jul 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>15-13.00N</td> <td>073-57.00E</td> <td>(b)</td> <td>15-13.00N</td> <td>073-52.00E</td> </tr> <tr> <td>(c)</td> <td>15-11.00N</td> <td>073-52.00E</td> <td>(d)</td> <td>15-11.00N</td> <td>073-57.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres.</p> <p>3. Cancel this message on 22 Jul 2010.</p>	(a)	15-13.00N	073-57.00E	(b)	15-13.00N	073-52.00E	(c)	15-11.00N	073-52.00E	(d)	15-11.00N	073-57.00E						
(a)	15-13.00N	073-57.00E	(b)	15-13.00N	073-52.00E													
(c)	15-11.00N	073-52.00E	(d)	15-11.00N	073-57.00E													
<p>402. Self Cancelling. Cancel Navarea VIII message 355 of 2010. Promulgated Sufficiently.</p>																		
<p>403. Self Cancelling. Navarea VIII-Warning Inforce 2010 Series – 138 252 264 297 303 314 315 352 353 361 379 380 382 383 386 389 391 392 395 396 397 399 400 401 402</p>																		
<p>404. India East Coast - Gopalpur. Charts 31 352 353 3005 INT 706. Air defence firing will be carried out between 2330 UTC to 1800 UTC from 18 Jul to 21 Jul 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>19-14.60N</td> <td>084-53.70E</td> <td>(b)</td> <td>19-37.05N</td> <td>085-27.85E</td> </tr> <tr> <td>(c)</td> <td>18-46.05N</td> <td>085-22.86E</td> <td colspan="3">and arc of 42 NM radius joining point (b) and (c)</td> </tr> </table> <p>2. Safe flying height 6100 metres.</p> <p>3. Cancel this message on 22 Jul 2010.</p>	(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.85E	(c)	18-46.05N	085-22.86E	and arc of 42 NM radius joining point (b) and (c)								
(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.85E													
(c)	18-46.05N	085-22.86E	and arc of 42 NM radius joining point (b) and (c)															
<p>405. Self Cancelling. Cancel Navarea VIII message 264 of 2010.</p>																		
<p>406. Cancel Navarea VIII message 400 of 2010. Indian Ocean– Off Mauritius. Charts 7700 INT 71 INT 72 INT 702. C/S Chamarel is carrying out cable repair on a submarine cable in position 21-00.00S 055-15.50E till 16 Jul 2010.</p> <p>2. Wide berth of 01NM requested.</p> <p>3. Cancel this message on 17 Jul 2010.</p>																		
<p>407. Self Cancelling. Cancel Navarea VIII message 395 of 2010.</p>																		
<p>408. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery on following dates</p> <table border="0"> <tr> <td>Date</td> <td>Time (UTC)</td> </tr> <tr> <td>20 Jul 2010</td> <td>0900 to 1200</td> </tr> <tr> <td>23 Jul 2010</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </table> <p>2. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </table> <p>3. Safe flying height 10000 metres.</p> <p>4. Cancel this message on 24 Jul 2010.</p>	Date	Time (UTC)	20 Jul 2010	0900 to 1200	23 Jul 2010	0900 to 1200 and 1230 to 1430	(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E	(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E
Date	Time (UTC)																	
20 Jul 2010	0900 to 1200																	
23 Jul 2010	0900 to 1200 and 1230 to 1430																	
(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E													
(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E													
<p>409. India East Coast- Visakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Seaward firing exercise by Naval coast battery from 1500 UTC to 1700 UTC on 21 Jul 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>17-42.00N</td> <td>083-18.00E</td> <td>(b)</td> <td>17-47.00N</td> <td>083-32.00E</td> </tr> <tr> <td>(c)</td> <td>17-34.00N</td> <td>083-30.00E</td> <td>(d)</td> <td>17-28.00N</td> <td>083-18.00E</td> </tr> </table> <p>2. Safe flying height 13000 metres.</p> <p>3. Cancel this message on 22 Jul 2010.</p>	(a)	17-42.00N	083-18.00E	(b)	17-47.00N	083-32.00E	(c)	17-34.00N	083-30.00E	(d)	17-28.00N	083-18.00E						
(a)	17-42.00N	083-18.00E	(b)	17-47.00N	083-32.00E													
(c)	17-34.00N	083-30.00E	(d)	17-28.00N	083-18.00E													
<p>410. Self Cancelling. Cancel Navarea VIII message 383 of 2010.</p>																		
<p>411. Cancel Navarea VIII message 408 of 2010. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery on following dates.</p> <table border="0"> <tr> <td>Date</td> <td>Time (UTC)</td> </tr> <tr> <td>20 Jul 2010</td> <td>0900 to 1200</td> </tr> <tr> <td>23 Jul 2010</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </table> <p>2. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </table> <p>3. Safe flying height 10000 metres.</p> <p>4. Cancel this message on 24 Jul 2010.</p>	Date	Time (UTC)	20 Jul 2010	0900 to 1200	23 Jul 2010	0900 to 1200 and 1230 to 1430	(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E	(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E
Date	Time (UTC)																	
20 Jul 2010	0900 to 1200																	
23 Jul 2010	0900 to 1200 and 1230 to 1430																	
(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E													
(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E													

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 100)
 (Source: Karaikal Port Private Ltd)

Article 2.21, Para 9, line 2

Delete “10° 50’.2N, 79° 57’.0E” and replace by “10° 50’.6N, 79° 57’.1E”

Article 2.21,

Delete para 11(a), 11(b) and replace by

(a) **Fairway Buoy** A fairway buoy, Fl. 3s 5-7M, exists in position 10° 50’.3N, 79° 57’.1E.

(b) **Channel Buoys.** The channel to Karaikal Port is demarcated by seven pairs of channel marking buoys, the details of which are as follows:

Description	Position	Characteristics
Buoy No 1	10° 50’.41 N 79° 56’.48 E	Fl G 5s 5-7M
Buoy No 2	10° 50’.33N 79° 56’.48E	Fl R 5s 5-7M
Buoy No 3	10° 50’.41N 79° 55’.57E	Fl(2)G 5s 5-7M
Buoy No 4	10° 50’.32N 79° 55’.57E	Fl(2)R 5s 5-7M
Buoy No 5	10° 50’.41N 79° 54’.66E	Fl G 5s 5-7M
Buoy No 6	10° 50’.32N 79° 54’.66E	Fl R 5s 5-7M
Buoy No 7	10° 50’.40N 79° 53’.75E	Fl(2)G 5s 5-7M
Buoy No 8	10° 50’.32N 79° 53’.75E	Fl(2)R 5s 5-7M
Buoy No 9	10° 50’.40N 79° 52’.84E	Fl G 5s 5-7M
Buoy No 10	10° 50’.31N 79° 52’.84E	Fl R 5s 5-7M
Buoy No 11	10° 50’.40N 79° 51’.93E	Fl(2)G 5s 5-7M
Buoy No 12	10° 50’.31N 79° 51’.93E	Fl(2)R 5s 5-7M
Buoy No 13	10° 50’.39N 79° 51’.13E	Fl G 5s 2M
Buoy No 14	10° 50’.31N 79° 51’.13E	Fl R 5s 2M

Article 2.21,

Delete para 11(e)

Article 2.22,

Para 1(b), line 2

Delete “220m” and replace by “120m”

Article 2.22,

Para 1(c), line 1

Delete “12m” and replace by “8m”

Article 2.22,

Delete para 1(d) and replace by

(d) An anchorage exists for vessels less than 12m draught in depth about 12m to 15m, bounded by following coordinates.

(a)	10 51.00N	79 54.06E
(b)	10 51.90N	79 54.06E
(c)	10 51.90N	79 56.60E
(d)	10 51.00N	79 56.60E

Article 2.22,

Insert new para after 1(d)

(e) Another anchorage exists for vessels more than 12m draught in depth about 16m to 20m, bounded by following coordinates.

(a)	10 51.90N	79 56.60E
(b)	10 51.00N	79 56.60E
(c)	10 51.00N	79 57.38E
(d)	10 51.90N	79 57.38E

Chapter 2 (Page 127)

(Source: Visakhapatnam Port Trust)

Article 2.139, para 2, line 4

Delete “10.7m” and replace by “11.8m”

Article 2.145, para 1, line 4

Delete “10.7m” and replace by “11.8m”

Article 2.147

Delete para 1 and replace by

1 **Inner Harbour** A turning basin, about 2 cables in diameter and dredged to 12.3m lies at the W end of the entrance channel to the inner harbour with three arms extending from it. Western and North-Western arm dredged to 10.7m and Northern arm dredged to 12.1m.

Inner Harbour Northern Arm - East Side		
Quay Berths	Berth length(m)	Depth alongside(m)
East Quay-1	167.64	10.0
East Quay-2	167.64	10.0
East Quay-3	167.64	10.0
East Quay-4 & Ext.	231.00	10.0
East Quay-5	167.64	10.7
East Quay-6	182.90	10.3
East Quay-7	255.00	12.1
East Quay-8	255.00	12.1
East Quay-9	255.00	12.1

Article 2.147

Delete para 3 and replace by

3 Inner Harbour Northern Arm - West Side

Quay Berths	Berth length(m)	Depth alongside(m)
West Quay-1	212.00	9.5
West Quay-2	226.70	10.7
West Quay-3	201.12	10.7
West Quay-4	243.00	10.7
West Quay-5	241.70	12.1
Fertiliser Berth	173.13	10.7
*Oil Refinery Berth-1	183.00	9.8
*Oil Refinery Berth-2	183.00	9.8
*Subject to a max. 195m at one of the two berths		

Article 2.150

Para 1, Delete line 21 and replace by

LPG 220.00 42.00 14.00m

Article 2.158

Delete para 1 and renumber para 2, 3, 4 as para 1, 2, 3

CORRECTIONS TO INDIAN NOTICES TO MARINERS
SPECIAL EDITION – 2008

Special Notice No. 7, Page No. 49

Para (iv) ISSR (NorthWest) - Delete entire paragraph

Edition – 14/10

Source: HQ CGR(NW), Gandhinagar.

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 07 dated 01 Apr 2009)

NIL

INP 31(2), 2007

(Last correction: Edition No. 04 dated 16 Feb 10)

NIL

BA, VOLUME 3 Part 1, NP 283(1), 2006/07

(Last correction: Edition No. 15 dated 01Aug 2006)

NIL

INP 31(5), 1997

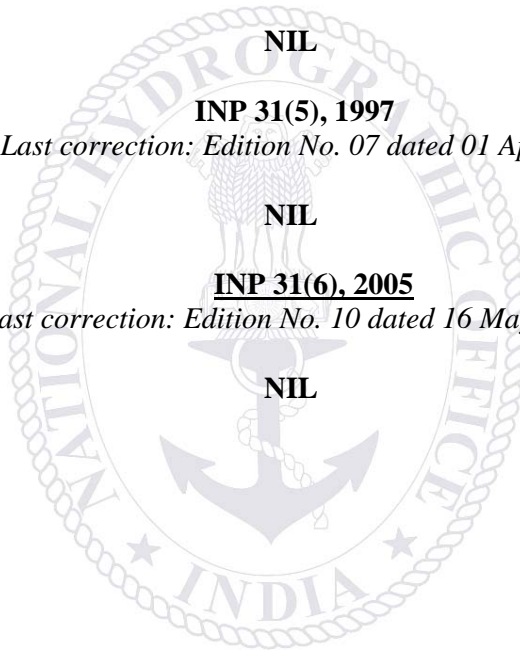
(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 10 dated 16 May 2010)

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@dataone.in; inho_marinesafety@dataone.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 harbor 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