



# INDIAN NOTICES TO MARINERS



EDITION NO. 18 DATED 16 SEP 2010

(CONTAINS NOTICES 228 TO 238)

**REACH US 24 x 7**



inho-navy@nic.in  
msis-inho-navy@nic.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



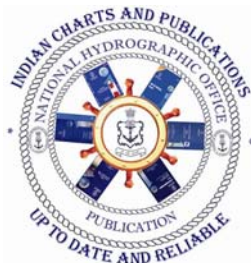
[www.hydrobharat.nic.in](http://www.hydrobharat.nic.in)

## 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 1<sup>ST</sup> & 16<sup>TH</sup> OF EVERY MONTH)

**FEEDBACK: [msis-inho-navy@nic.in](mailto:msis-inho-navy@nic.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 Indian Electronic Navigation Charts that is available for mariners in the market are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN2352GP	352	GOPALPUR TO PARADIP	31-07-2009
IN2353KG	353	KALINGAPATNAM TO GOPALPUR	31-07-2009

2. The new edition Indian 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>
IN53024K	3024	KALINGAPATNAM ANCHORAGE	31-07-2007

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 The Indian Electronic Navigation Charts permanently withdrawn are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN3352GP	352	GOPALPUR TO PARADIP	15-02-2002
IN3353KG	353	KALINGAPATNAM TO GOPALPUR	01-10-2001
IN53024K	3024	KALINGAPATNAM ANCHORAGE	15-03-2001

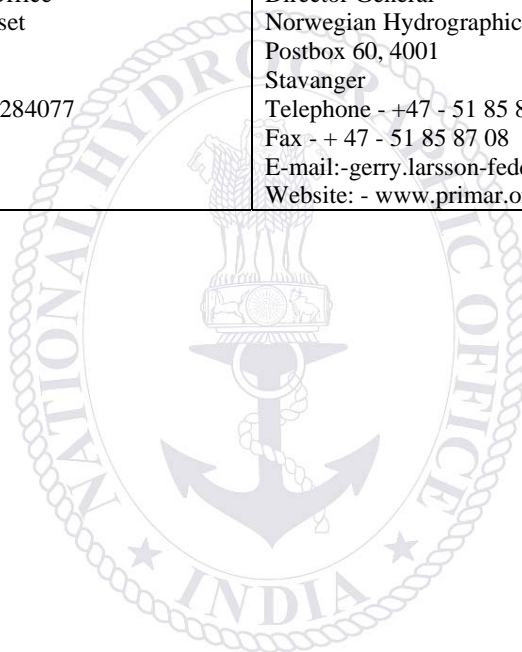
4. The forthcoming Indian Charts are as follows:-

<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
224	MANAPPAD TO SETUKKARAI	1,50,000	New Edition
2012	ALLEPPEY ANCHORAGE; VILINJAM ANCHORAGE	25,000	New Edition
2052 (INT 7350)	APPROACHES TO PORT OF NEW MANGALORE	50,000	New Edition
2506	GRAND BAY; GRAND RIVIERE NOIRE BAY	25,000	New Chart

**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:

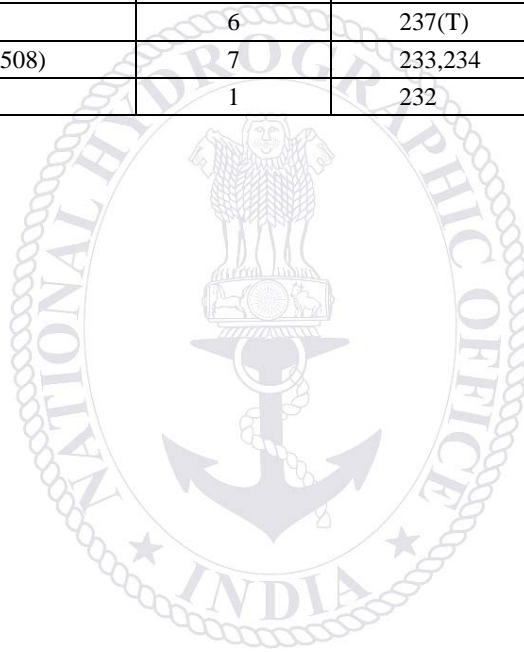
<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in</p>	<p>Director, JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400614 India Ph: 91-22- 65103668 Fax: 91- 22- 67939504 Email: info@c-map.co.in Website: www.c-map.co.in</p>
<p>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</p>	<p>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</p>



**SECTION – I**

The list of charts affected by the Notices 228 to 238 contained in this edition are as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
41	6	238(T)
288	1	230
406	6	237(T)
471	6	238(T)
2001	3	236(T)
2015(INT 7337)	3	236(T)
2016(INT 7336)	3	236(T)
2076(INT 7338)	3	228, 236(T)
2082	2	235(P)
2097	1	231
4003	6	229
4010	6	237(T)
7508(INT 508)	7	233,234
9001	1	232







**232/(18/10) MALAYSIA – Peninsular Malaysia, West Coast – Port Dickson South-westwards – Wreck.**

Source: BA Notice – 4377/10.

*(HJ/927/28)***Chart 9001** [*previous update 124/10*] [REVISED KERTAU DATUM]

Insert




2° 30′.97N., 101° 46′.27E.

**233/(18/10) SOUTH CHINA SEA – Macclesfield Bank South-westwards – Depths.**

Source: BA Notice – 4561/10.

*(HJ/1026/56)***Chart 7508 (INT 508)** [*previous update 226/10*] COMPATIBLE WITH WGS84 DATUM

Substitute

depth 897 enclosed by 1000m contour for 

15° 29′.1N., 113° 11′.9E.

**234/(18/10) SOUTH CHINA SEA – Macclesfield Bank East-south-eastwards – Buoy.**

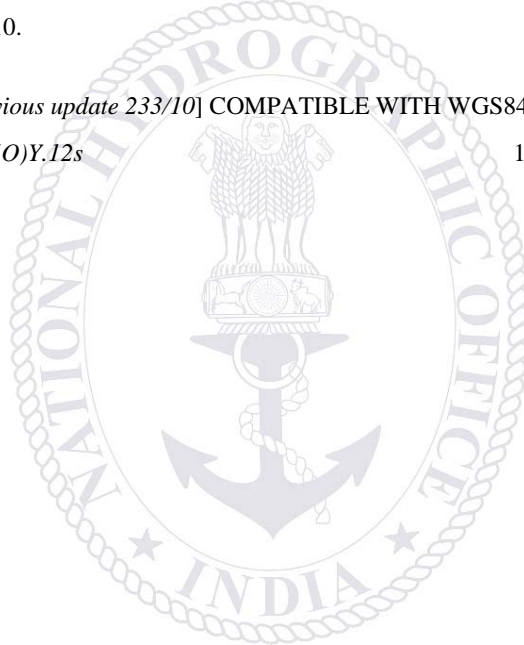
Source: BA Notice – 4560/10.

*(HJ/1026/56)***Chart 7508 (INT 508)** [*previous update 233/10*] COMPATIBLE WITH WGS84 DATUM

Insert

*Mo(O)Y.12s*

15° 30′.0N., 115° 50′.0E.



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

**\*235(P)/(18/10) INDIA – WEST COAST – Approaches to Dahej Harbour – Dahej Harbour – Jetty. Work.**

Source: Gujarat Maritime Board.

(HJ/1130/17)

1. Adani Petronet Port Private Limited (APPPL) has constructed new jetty in Dahej Harbour. Co-ordinates of North jetty are as follows:-

21° 41′.015N., 72° 30′.572E  
 21° 41′.022N., 72° 30′.565E  
 21° 41′.022N., 72° 30′.564E  
 21° 41′.133N., 72° 30′.554E  
 21° 41′.133N., 72° 30′.556E  
 21° 41′.140N., 72° 30′.561E  
 21° 41′.168N., 72° 30′.559E  
 21° 41′.169N., 72° 30′.566E  
 21° 41′.162N., 72° 30′.567E  
 21° 41′.162N., 72° 30′.565E  
 21° 41′.159N., 72° 30′.566E  
 21° 41′.159N., 72° 30′.567E  
 21° 41′.142N., 72° 30′.569E  
 21° 41′.142N., 72° 30′.570E  
 21° 41′.021N., 72° 30′.581E  
 21° 41′.022N., 72° 30′.585E  
 21° 41′.017N., 72° 30′.586E  
 21° 41′.017N., 72° 30′.585E  
 21° 41′.016N., 72° 30′.585E

2. Co-ordinates of Junction joining jetty and trestle are as follows:-

21° 40′.989N., 72° 30′.631E  
 21° 40′.987N., 72° 30′.575E  
 21° 41′.015N., 72° 30′.573E  
 21° 41′.016N., 72° 30′.585E  
 21° 41′.017N., 72° 30′.585E  
 21° 41′.017N., 72° 30′.587E  
 21° 41′.005N., 72° 30′.607E  
 21° 41′.005N., 72° 30′.607E  
 21° 41′.005N., 72° 30′.623E  
 21° 41′.001N., 72° 30′.622E  
 21° 41′.001N., 72° 30′.630E

3. Co-ordinates of Trestle are as follows:-

21° 41′.017N., 72° 31′.259E  
 21° 41′.008N., 72° 31′.260E  
 21° 41′.992N., 72° 30′.631E  
 21° 41′.001N., 72° 30′.630E  
 21° 41′.003N., 72° 30′.697E  
 21° 41′.003N., 72° 30′.697E

4. South jetty is under construction South of North jetty.

5. Mariners to exercise caution and contact local port authorities for more and updated information.

**Chart Affected – 2082.**

**\*236(T)/(18/10) INDIA – WEST COAST – Jawahar Lal Nehru Port and Trombay – Depths.**

Source: NHO Dehradun.

*(HJ/1030/87)*

1. JNPT channel between port hand buoy and position 18° 54′.98N., 72° 52′.02E, the general depth in the channel vary from 9.4M to 10.5M against maintained depth of 10.9M. Details of obstructions in channel are as follows:-

<u>Position</u>	<u>Least Depth</u>	<u>Remarks</u>
18° 51′.756N., 72° 49′.070E	9.4M	
18° 51′.550N., 72° 49′.437E	9.6M	
18° 52′.281N., 72° 50′.247E	8.0M	
18° 53′.754N., 72° 51′.335E	9.9M	
18° 54′.518N., 72° 51′.916E	7.8M	Marked with buoy

3. Channel between position 18° 54′.98N., 72° 52′.02E and Indra Dock, reduced depths have been observed on northern side of channel closer to Indra Dock. Details of obstruction in the area are as follows:-

<u>Position</u>	<u>Least Depth</u>	<u>Remarks</u>
18° 55′.599N., 72° 50′.751E	6.7M	Marked with buoy
18° 55′.909N., 72° 50′.937E	4.9M	Marked with buoy

4. Mariners are advised to navigate with extreme caution and contact local port authorities for more and updated information.

**Charts Affected – 2016(INT 7336) – 2015(INT 7337) – 2076(INT 7338) – 2001.**

**\*237(T) (18/10) ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.**

Source: IH 102 INS Baratang.

*(HJ/1028/07)*

- Subsequent to destruction of Hut Bay break water light, a temporary arrangement has been made to exhibit a VQ yellow light from a pole at the tip of the break water in position 10° 35′.80N., 92° 33′.64E (WGS 84 Datum).
- Mariners to exercise caution.
- Former INM 419(T)/07 is cancelled.**

**Charts affected – 406 – 4010.**

**238(T) (18/10) INDONESIA - Sumatera - North West Coast - Pulau Bunta - Lights.**

Source: BA Notice – 4581(T)/10.

*(HJ/928/54)*

- A light, Fl.5s60m12M, has been temporarily established in position 5° 33′.32N., 95° 09′.03E. (Undetermined Datum)
- The adjacent light, Fl (4)20s90m25M, is reported as collapsed.

**Charts affected – 41 – 471.**

**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><b>*JEPPESEN MARINE</b> <b>Jeppesen India Pvt. Ltd.</b> 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a></p>	<p><b>*JEPPESEN MARINE</b> <b>Jeppesen Norway AS</b> P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: <a href="mailto:info@c-map.no">info@c-map.no</a> Site: <a href="http://www.c-map.no">www.c-map.no</a></p>	<p><b>C-Map US Commercial</b> 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: <a href="mailto:info@c-map.com">info@c-map.com</a></p>
<p><b>C-Map (UK) Ltd.</b> Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: <a href="mailto:info@c-map.co.uk">info@c-map.co.uk</a></p>	<p><b>Mari-Sys Pte Ltd.</b> 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: <a href="mailto:info@mari-sys.com">info@mari-sys.com</a></p>	<p><b>Bogerd Martin NV,</b> Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: <a href="mailto:sales@martin.be">sales@martin.be</a> Site: <a href="http://www.martin.be">www.martin.be</a></p>
<p><b>Bogerd Martin Tianjin (China Branch)</b> 2-B101 FTZ Hi-Tech Development Centre 131 Haibin 9 Road 300461 Tianjin China Ph: +86 22 257 62 721 Fax: +86 22 257 62 722 Email: <a href="mailto:charts-tj@martincn.com">charts-tj@martincn.com</a></p>	<p><b>C-Map Holland</b> Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie <a href="mailto:cor@chartworx.nl">cor@chartworx.nl</a></p>	
<p>* Indicates C Map Norway AS has changed name to <b>Jeppesen Marine Norway AS</b>. Indicates C Map India has changed name to <b>Jeppesen India</b>.</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 <sup>st</sup> 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, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956/6907, 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 Sep 10.

**2010 SERIES** - 252 297 303 314 315 352 361 379 380 389 396 399 440 441 442 449 457  
461 466 470 471 474 485 491 492 493 494 496 497 499 500 501 503 504 505 506 507  
508 509 510

3. NAVAREA VIII Warnings issued during the period from 01 Sep 10 to 15 Sep 10 (both dates inclusive) are as tabulated below:-

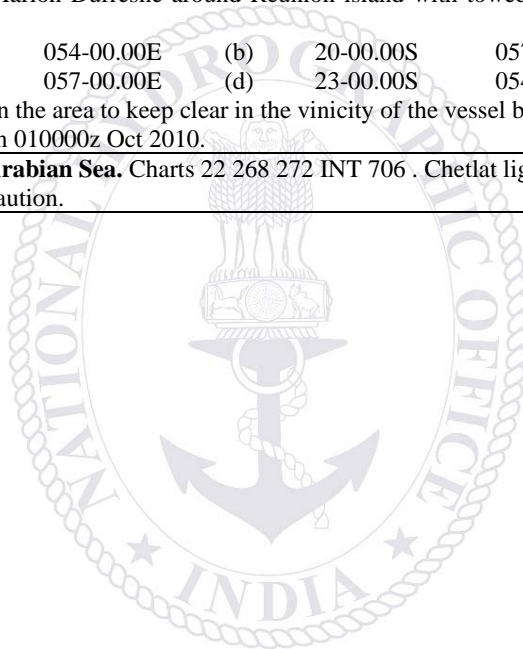
<p><b>484. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing by Naval coast battery on following dates</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Date</th> <th style="text-align: left;">Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>07 Sep 2010</td> <td>0900 to 1200</td> </tr> <tr> <td>10 Sep 2010</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </tbody> </table> <p>2. Danger area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 25%;">(a) 09-57.50N</td> <td style="width: 25%;">075-59.50E</td> <td style="width: 25%;">(b) 09-57.70N</td> <td style="width: 25%;">076-14.20E</td> </tr> <tr> <td>(c) 09-44.00N</td> <td>076-17.50E</td> <td>(d) 09-42.50N</td> <td>076-09.50E</td> </tr> </tbody> </table> <p>3. Safe flying height 10000 meters.</p> <p>4. Cancel this message on 11 Sep 2010.</p>	Date	Time (UTC)	07 Sep 2010	0900 to 1200	10 Sep 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)													
07 Sep 2010	0900 to 1200													
10 Sep 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><b>485. India West Coast – Gopnath.</b> Charts 21 207 208 254 292 2044 INT 705. Gopnath point lighthouse Racon in position 21-12.25N 072-06.63E unreliable.</p> <p>2. Mariners to exercise caution.</p>														
<p><b>486. India West Coast – Off Karwar.</b> Charts 22 216 258 293 INT 705 INT 706. Firing by Naval ship on Netrani island between 0130 UTC to 1030 UTC on 05 sep 2010. Danger area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 25%;">(a) 13-56.20N</td> <td style="width: 25%;">074-13.60E</td> <td style="width: 25%;">(b) 14-07.20N</td> <td style="width: 25%;">073-25.07E</td> </tr> <tr> <td>(c) 14-07.20N</td> <td>074-13.60E</td> <td>(d) 13-55.20N</td> <td>074-25.07E</td> </tr> </tbody> </table> <p>2. Safe flying height 3500 metres.</p> <p>3. Cancel this message on 06 Sep 2010.</p>	(a) 13-56.20N	074-13.60E	(b) 14-07.20N	073-25.07E	(c) 14-07.20N	074-13.60E	(d) 13-55.20N	074-25.07E						
(a) 13-56.20N	074-13.60E	(b) 14-07.20N	073-25.07E											
(c) 14-07.20N	074-13.60E	(d) 13-55.20N	074-25.07E											
<p><b>487. Cancel Navarea message 486 of 2010. India West Coast – Off Karwar.</b> Charts 22 216 258 293 INT 705 INT 706. Firing by Naval ship on Netrani island between 0130 UTC to 1030 UTC on 05 sep 2010. Danger area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 25%;">(a) 13-56.20N</td> <td style="width: 25%;">074-13.60E</td> <td style="width: 25%;">(b) 14-07.20N</td> <td style="width: 25%;">74-13.60E</td> </tr> <tr> <td>(c) 14-07.20N</td> <td>074-25.07E</td> <td>(d) 13-55.20N</td> <td>74-25.07E</td> </tr> </tbody> </table> <p>3. Safe flying height 3500 metres.</p> <p>4. Cancel this message on 06 Sep 2010.</p>	(a) 13-56.20N	074-13.60E	(b) 14-07.20N	74-13.60E	(c) 14-07.20N	074-25.07E	(d) 13-55.20N	74-25.07E						
(a) 13-56.20N	074-13.60E	(b) 14-07.20N	74-13.60E											
(c) 14-07.20N	074-25.07E	(d) 13-55.20N	74-25.07E											
<p><b>488. Self Cancelling. Navarea VIII-Warning Inforce</b> 252 297 303 314 315 352 361 379 380 389 396 399 437 438 440 441 442 449 450 454 457 459 460 461 462 466 470 471 472 474 478 480 482 483 484 485 487 of 2010</p>														
<p><b>489. Self Cancelling. Cancel Navarea VIII message 480 of 2010.</b></p>														
<p><b>490. Self Cancelling. Following received from ISC of regional co-operation agreement on combating piracy and armed robbery against ships in Asia (RECAAP), Singapore reproduced below:-</b></p> <p>2. Somali pirates have the capability and intent to surge into merchant shipping lanes as soon as heavy seas in the horn of Africa region subside in Mid-September. Somali pirate activity likely to increase in the Indian Ocean, Arabian Sea, and the Gulf of Aden as the southwest monsoon season ends. Waters will calm and be conducive for pirates small boat operations.</p> <p>3. Pirates will attempt to access merchant shipping lanes and attack vessels in the Indian Ocean in excess of 1000 NM from the Eastern Somali Coast. Pirates will attempt to operate as far east as the Maldives and as far south as Madagascar. Pirates have demonstrated the capability to attack merchant ships transiting the Red Sea as well.</p> <p>4. Recommendation to mariners as follows:-</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 25%;">(a) Contact UKMTO and all appropriate authorities when transiting the horn of Africa region.</td> </tr> <tr> <td>(b) Make use of the international recommended transit corridor (IRTC).</td> </tr> <tr> <td>(c) Employ counter-piracy measures and adhere to best management practices promulgated by the maritime security centre horn of Africa.</td> </tr> </tbody> </table>	(a) Contact UKMTO and all appropriate authorities when transiting the horn of Africa region.	(b) Make use of the international recommended transit corridor (IRTC).	(c) Employ counter-piracy measures and adhere to best management practices promulgated by the maritime security centre horn of Africa.											
(a) Contact UKMTO and all appropriate authorities when transiting the horn of Africa region.														
(b) Make use of the international recommended transit corridor (IRTC).														
(c) Employ counter-piracy measures and adhere to best management practices promulgated by the maritime security centre horn of Africa.														

<b>491. Cancel Navarea VIII messages 437 454 462 and 482 of 2010. India East Coast – Bay of Bengal.</b>					
Charts 31 32 354 355 INT 706. Present positions of Oil Rigs / Drill Ships as follows					
	DHIRUBHAI DEEPWATER KG-1	14-49.81N		082-02.20E	
	DEEP SEA MATDRILL	09-20.58N		079-06.88E	
	ENERGY DRILLER	16-19.23N		082-15.76E	
	HERCULES 258	16-38.57N		082-24.31E	
	HERCULES 260	16-20.28N		081-50.65E	
	SAGAR BHUSHAN	16-31.45N		082-22.65E	
	SAGAR VIJAY	16-35.10N		082-27.66E	
	DISCOVERER 534	17-00.00N		082-31.50E	
	DEEP WATER FRONTIER	16-10.00N		082-39.00E	
	DHIRUBHAI DEEPWATER KG-2	16-30.70N		082-35.90E	
	DISCOVERER SEVEN SEAS	15-19.05N		080-48.21E	
2.	Mariners to exercise caution.				
<b>492. Cancel Navarea VIII message 438 of 2010. India West Coast – Arabian Sea.</b> Charts 21 22 202 207 209 211 251 254 253 255 271 291 292 293 INT 705 INT 706. Present position of Oil Rigs / Drill Ships as follows:-					
	ABAN ICE	18-45.06N		071-16.38E	
	ABAN II	20-23.61N		072-09.93E	
	ABAN III	19-31.16N		072-19.85E	
	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.				
<b>493. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing by Naval coast battery on following dates					
	Date	Time (UTC)			
	14 Sep 2010	0900 to 1200			
	17 Sep 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 meters.				
4.	Cancel this message on 18 Sep 2010.				
<b>494. India West Coast – Mormugao.</b> Chart 22 257 INT 705 INT 706. Firing practice by Naval aircraft between 0230 UTC to 1230 UTC from 14 Sep to 21 Sep 2010. Danger area bounded by					
	(a) 15-13.00N	73-57.00E	(b)	15-13.00N	73-52.00E
	(c) 15-11.00N	73-52.00E	(d)	15-11.00N	73-57.00E
2.	Safe flying height 3500 metres.				
3.	Cancel this message on 22 Sep 2010.				

<b>495. Self Cancelling. Cancel Navarea VIII messages 459 and 460 of 2010. Issued by INM 17 of 2010.</b>	
<b>496. India East Coast- Visakhapatnam.</b> Charts 31 32 308 354 3002 3012 INT 706. Seaward firing practice by Naval coast battery from 1500 UTC to 1700 UTC on 15 Sep 2010. Danger area bounded by	
(a) 17-42.0N 083-18.0E	(b) 17-47.0N 083-32.0E
(c) 17-34.0N 083-30.0E	(d) 17-28.0N 083-18.0E
2. Safe flying height 13000 metres.	
3. Cancel this message on 16 Sep 2010.	
<b>497. Indian Ocean – Off Reunion Island.</b> Charts INT 70 INT 71 INT 72 INT 702 INT 730 INT 735. Firing exercise on following dates	
Date	Time (UTC)
17 Sep 2010	1100 to 1400 and 1630 to 1830
19 Sep 2010	0830 to 1300
21 Sep 2010	0600 to 1300
23 Sep 2010	0900 to 1100
2. Danger area bounded by	
(a) 21-12.0S 054-57.0E	(b) 21-26.0S 055-02.5E
(c) 21-31.2S 054-47.4E	(d) 21-17.2S 054-42.0E
3. Safe flying height 14500 metres.	
4. Cancel this message on 231300 UTC Sep 2010.	
<b>498. Self Cancelling. Cancel Navarea VIII message 450 of 2010.</b>	
<b>499. Bay of Bengal.</b> Charts 33 41 357 473 INT 706. The positions of Argo floats in Indian EEZ are as follows:-	
<u>Float ID</u>	<u>Position</u>
2900107	17-09.60N 085-46.80E
2901253	17-53.40N 084-30.60E
2901629	10-57.00N 081-56.40E
2901627	08-55.20N 089-45.60E
2. Mariners to exercise caution.	
<b>500. Arabian Sea.</b> Charts 22 23 265 293 INT 705. The positions of Argo floats in Indian EEZ are as follows	
<u>Float ID</u>	<u>Position</u>
2901368	24-44.40N 065-56.40E
2901366	21-46.20N 065-59.40E
2901108	21-38.40N 067-25.20E
2901130	17-03.60N 070-49.20E
2901133	17-41.40N 070-48.60E
2900771	13-10.80N 069-57.60E
2. Mariners to exercise caution.	
<b>501. Refer Navarea VIII message 492 of 2010. India West Coast – Arabian Sea.</b> Charts 21 22 255 292 INT 705 INT 706. Aban III moved to new position 19-31.36N 071-19.90E.	
2. Wide berth requested.	
<b>502. Self Cancelling. Navarea VIII-warning inforce</b>	
252 297 303 314 315 352 361 379 380 389 396 399 440 441 442 449 457 461 466 470 471 474 484 485 491 492 493 494 495 496 497 498 499 500 501 of 2010	
<b>503. India West Coast- Off Okha.</b> Charts 21 202 203 251 271 291 2013 2068 INT 705. Six fishing boats sunk in Approx position 22-22.0N 068-52.0E and sixteen crew missing since 10 Sep 2010.	
<u>NAME OF FISHING BOAT</u>	<u>NO OF MISSING CREW</u>
FB DHANSAGAR	03
FB ARUNDHATI	01
FB RATANDEVI	NIL
FB KRISHNA SAGAR	05
FB MAHADEV	NIL
FB ANNAPURNA	07
2. All vessels operating in vicinity to keep sharp lookout and render assistance.	
<b>504. India West Coast – Off Karwar.</b> Charts 22 216 258 293 INT 705 INT 706. Firing by aircraft from 0300 UTC to 0730 UTC and 1000 UTC to 1230 UTC from 14 Sep to 22 Sep 2010. Danger area bounded by	
(a) 14-01.0N 074-28.0E	(b) 13-51.0N 074-28.0E
(c) 13-51.0N 074-08.0E	(d) 14-11.0N 074-08.0E
(e) 14-09.0N 074-23.0E	
2. Safe flying height 12500 metres.	
3. Cancel this message on 23 Sep 2010.	



<b>505. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing by Naval coast battery on following dates				
	Date	Time (UTC)		
	21 Sep 2010	0330 to 1530		
	24 Sep 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 25 Sep 2010.			
<b>506. Self Cancelling. Refer Navarea VIII message 491 of 2010. India East Coast – Bay of Bengal.</b> Charts 31 32 354 INT 706. Rig Discoverer 534 demobilized from area of operation.				
<b>507. India East Coast – Krishnapatnam.</b> Charts 31 32 33 356 3007 INT 706. Krishnapatnam DGPS station ID No 116 off air.				
2	Mariners to exercise caution.			
<b>508. India West Coast – Gulf of Khambat.</b> Charts 21 208 254 292 2019 2034 INT 705. Tug Jaljeet sunk in position 21-05.81N 072-39.50E.				
2.	Mariners to exercise caution.			
<b>509. Indian Ocean – Southern Part.</b> Charts INT 70 INT 71 INT 72 INT 701 INT 703. Oceanographic Campaign will be carried by Marion Dufresne around Reunion island with towed sonar between 19 and 30 Sep 2010 in area bounded by				
	(a) 20-00.00S	054-00.00E	(b) 20-00.00S	057-00.00E
	(c) 23-00.00S	057-00.00E	(d) 23-00.00S	054-00.00E
2.	All vessels operating in the area to keep clear in the vicinity of the vessel by 500 metres.			
3.	Cancel this message on 010000z Oct 2010.			
<b>510. India West Coast – Arabian Sea.</b> Charts 22 268 272 INT 706 . Chetlat light unlit.				
2.	Mariners to exercise caution.			



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

- NIL -

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

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
<b>D7360-75</b>	Remove from list						
<b>D7692-1</b>	Remove from list						
<b>D7692-15</b>	Remove from list						
<b>D7750</b>	<b>-Manora Point</b>	24 47-63 N 66 58-65 E	Fl W 7-5s	48	<b>26</b>	Red round tower, white bands, black base, white cupola 38	<i>fl 0-3.</i> Storm Signals. <b>TE 2010</b>
	*	*	*	*	*	*	*
<b>D7760</b>	<b>-Khuddi Island</b>	24 33-58 N 67 13-14 E	Fl(4)W 30s	40	<b>17</b>	White round concrete tower, black bands	<b>TE 2010</b>
	*	*	*	*	*	*	*
<b>E6023-23</b>	Marsá Thelemet. Ldg Lts 302°. Front	29 03-03 N 32 37-30 E	F R	15	5	White Δ on metal framework tower	Ra refl
	*	*	*	*	*	*	*
<b>E6023-231</b>	Marsá Thelemet. Ldg Lts 302°. Rear	29 03-11 N 32 37-17 E	F R	20	5	White ∇ on metal framework tower	Ra refl
	*	*	*	*	*	*	*
<b>F0476-9</b>	- Sūrat Roads. Hāzira. SR 09	21 05-36 N 72 39-72 E	Fl(2)G 5s				
	*	*	*	*	*	*	*
<b>F0477</b>	- Sūrat Roads. Hāzira. SR 07	21 04-43 N 72 39-72 E	Fl G 5s				
	*	*	*	*	*	*	*
<b>F0477-1</b>	- Sūrat Roads. Hāzira. SR 05	21 03-40 N 72 39-70 E	Fl(2)G 10s				<b>(P) 2010</b>
	*	*	*	*	*	*	*
<b>F0477-4</b>	- Sūrat Roads. Hāzira. SR 03	21 02-61 N 72 39-51 E	Fl G 10s				<b>(P) 2010</b>
	*	*	*	*	*	*	*
<b>F1182</b>	Samutwachiranai. Ko Nok	8 01-83 N 98 54-42 E	Fl W 3s	23	7	White metal framework tower 21	<i>fl 0-3</i>
	*	*	*	*	*	*	*
<b>F1192-5</b>	Ko Tanga	6 33-44 N 99 26-67 E	Fl W 6s	97	11	White metal framework tower 22	<i>fl 0-5.</i> <b>TE 2010</b>
	*	*	*	*	*	*	*
<b>F1295</b>	<b>Pulau Bunta</b>	5 33-19 N 95 09-38 E	Fl(4)W 20s	90	<b>25</b>	Metal framework tower 40	<i>(fl 0-3, ec 2-7) x 3, fl 0-3, ec 10-7.</i> <b>TE; replaced by white post Fl W5s 60m 12M close NW (T) 2010</b>
	*	*	*	*	*	*	*
<b>F1321-1</b>	<i>Kruenggeukueh. Kreung Buloh. SPM</i>	515-28 N 97 04-07 E	Mo(U)Y 15s	..	6	Yellow × on superbuoy	<i>(fl 1, ec 1) x 2, fl 3, ec 8.</i> Ra refl
	*	*	*	*	*	*	*
<b>F1525</b>	Remove from list						
<b>K0893</b>	- Lampuyang (ID)	3 49-62 S 102 16-67 E	Fl WR 2s	17	12	White GRP beacon 10	W060°-033°(333°),R033°-060°(27°).Ra refl. <b>TE 2010</b>
	*	*	*	*	*	*	*
<b>K1168</b>	- Karang Pisang (ID)	7 11-17 S 112 41-19 E	Fl G 5s	..	10	Green metal framework tower	<i>fl 0-5.</i> Vis 138°-338°(200°). <b>TE; replaced by light buoy Fl G 5s 5M close NE (T) 2010</b>
	*	*	*	*	*	*	*

**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**

**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)*

*Page 90, India Section,  
Delete Mundra and replace by*

**Mundra**

22° 44' N 69° 42' E

**Pilots and Port**

CALL: Mundra Port Control  
TEL: +91 2838 289221/252333  
FAX: +91 2838 289170  
EMAIL: marine.control@mundraport.com, portopscenter@mundraport.com  
WEB: www.mundraport.com

Head Marine:  
Capt. NS Rawat (GM-Marine Services)  
Tel: +91 2838 252727  
Fax: +91 2838 289181

FREQUENCY: Ch 16; 73  
HOURS: H 24  
PROCEDURE:

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

- (a) Container Terminal (A) - 22° 42'.50N, 69° 44'.00E
- (b) Multipurpose Berth (B) - 22° 42'.55N, 69° 42'.49E
- (c) SPM - 22° 38'.87N, 69° 39'.18E

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

Note: The port is operated by Mundra Port and Special Economic Zone Ltd.

Source :- Mundra Port and Special Economic Zone Limited

## **SECTION – IX** **REPORTING OF NAVIGATIONAL DANGERS**

### **Appeal to all Mariners**

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

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

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

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

### **Position Reporting**

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

### **Depth Reporting**

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

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

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

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

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

I.H. 102

**HYDROGRAPHIC NOTE**

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

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

<b>(e) Port Information:</b>	
(i) Berthing	
(ii) Cranage	
(iii) Tugs	
(iv) Dry Docks	
(v) Repair Facilities	
(vi) Pilotage	
(vii) Fuel	
(viii) Water	
(ix) Any other (Specify)	
<b>(f) Environmental Data</b>	
(i) Met information	
(ii) Tides and Tidal Stream	
(iii) Pollutants	
(iv) Effluents	
(v) Marine Life / Habitats	
<b>(g) Other changes, if any, with Details:</b>	
<b>6. Information on the Positions of Danger / Changes Reported above:</b>	
(a) Positioning System used	
(b) Datum [WGS/Everest/ Local (Specify)]	
(c) Accompanying plots / photographs if any	
<b>7. Information on the Soundings / Depths Reported above:</b>	
(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	
<b>8. Limitations if any in Reporting the changes above</b>	

Filled By  
(Name & Designation)

Checked by  
(Name & Designation)

Place  
Date

**I.H. 102a****HYDROGRAPHIC NOTE FOR PORT INFORMATION****(For Reporting Changes to Port Information)**

<b>1 Name and Address of the Port.</b>	
(a) Name	
(b) Address	
(c) Phone No's	
(d) Web Site	
(e) E Mail	
<b>2 General Remarks</b>	
(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	
<b>3 Anchorages</b>	
(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	
<b>4 Pilotage</b>	
(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	
<b>5 Directions</b>	
(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)	
<b>6 Pollution Control</b>	
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 warf 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

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

**Email: [indsar@vsnl.net](mailto:indsar@vsnl.net)**

**SAR TELE: 1554 INMARSAT C (IOR) 441907210**

**CODE: 43 (TOLL FREE)**

**AFTN: VABBYXYC**