



INDIAN NOTICES TO MARINERS



EDITION NO. 19 DATED 01 OCT 2010

(CONTAINS NOTICES 239 TO 243)

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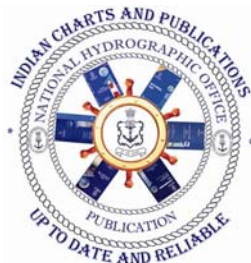
www.hydrobharat.nic.in

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

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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Government of India at the above mentioned address/fax number/ E mail address immediately on discovering new or suspected dangers to navigation, changes/defects pertaining to navigational aids, and 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, ENCS AND PUBLICATION

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2506	15-07-2010	GRAND BAY <u>Limits</u> 20° 01'.13S; 57° 31'.60E. 19° 56'.56S; 57° 36'.14E.	25,000	1	Rs. 1527.00
		GRANDE RIVIERE NOIRE BAY <u>Limits</u> 20° 22'.62S; 57° 18'.35E. 20° 18'.04S; 57° 23'.00E.	25,000		

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
201	31-08-2010	GORA CHAN CREEK TO GODIA CREEK <u>Limits</u> 23° 11'.00N; 67° 17'.70E. 24° 00'.00N; 68° 40'.50E.	1,50,000	2	Rs. 1527.00
224	31-08-2010	MANAPPAD TO SETUKKARAI <u>Limits</u> 8° 01'.60N; 78° 00'.00E. 9° 24'.00N; 78° 55'.00E.	1,50,000	4	Rs. 1527.00
2012	31-08-2010	ALLEPPEY ANCHORAGE <u>Limits</u> 9° 26'.00N; 76° 12'.00E. 9° 32'.60N; 76° 20'.72E.	25,000	3	Rs. 1527.00
		VIZHINJAM ANCHORAGE <u>Limits</u> 8° 19'.00N; 76° 54'.00E. 8° 25'.60N; 77° 02'.70E.	25,000		
2052 (INT 7350)	31-07-2010	APPROACHES TO PORT OF NEW MANGALORE <u>Limits</u> 12° 40'.00N; 74° 36'.30E. 13° 06'.60N; 74° 54'.00E.	50,000	3	Rs. 1527.00

VI

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN52012A	2012	ALLEPPEY ANCHORAGE	31-08-2010
IN52012V	2012	VIZHINJAM ANCHORAGE	31-08-2010
IN3203GK	203	GULF OF KACHCHH	30-09-2010*
IN3204DN	204	DWARKA TO NAVIBANDAR	30-04-2010

* Issue date

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
201	31-10-2007	GORA CHAN CREEK TO GODIA CREEK	201	31-08-2010
224	30-04-2007	MANAPPAD TO SETUKKARAI	224	31-08-2010
2012	31-08-2000	ALLEPPEY ANCHORAGE; VIZHINJAM ANCHORAGE	2012	31-08-2010
2052 (INT 7350)	29-02-2004	APPROACHES TO PORT OF NEW MANGALORE	2052	31-07-2010

5. 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>
IN52012A	2012	ALLEPPEY ANCHORAGE	30-08-2000
IN52012V	2012	VIZHINJAM ANCHORAGE	30-08-2000
IN3203GK	203	GULF OF KACHCHH	30-06-2003
IN3204DN	204	DWARKA TO NAVIBANDAR	30-04-2001

VII

6. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
313	MAMALLAPURAM (MAHABALIPURAM) TO POINT PUDI	1,50,000	New Edition
2016 (INT 7336)	INNER APPROACHES TO MUMBAI	60,000	New Edition
2103	DIGHI PORT	12,500	New Chart
3007	NAGAPATTINAM ANCHORAGE	30,000	New Edition

Availability of ENC's.

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

<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>

VIII

TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Oct 2010

(Former In Force List dated 01 Jul 2010 is cancelled)

Cancelled Notices

<i>Area</i>	<i>Notice No.</i>
1	Nil
2	216/08, 130/09, 132/09, 367/09, 102/10, 168/10, 169/10.
3	419/07, 131/09.
4	Nil

1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
506/04	20 – 8004.	IRAN – Khuran (Clarence Strait) – Jetty. Buoyage. Depths. Drying height. Pilot boarding place. Lights. Mooring buoys.
445/06	20 – 21 – 286 – 291 – 2088 – 2094 – 2095 – 2096 – 7703 (INT703) – 7705 (INT 705) – 8009 – 8010.	ARABIAN SEA – RED SEA – Submarine cables.
446/06	20 – 21 – 22 (INT 752) – 255 (INT 7334) – 291 – 292 (INT 7021) – 2016 (INT 7336) – 2088 – 2094 – 2095 – 2096 – 7705 (INT 705) – 7706 (INT 706).	ARABIAN SEA – Seeb to Mumbai (Bombay) – Submarine cable.
577/06	20.	SAUDI ARABIA – EAST COAST – Buoyage. Restricted areas.
598/06	20.	SAUDI ARABIA – EAST COAST – Al Khubar to Al Kuwayt, KUWAIT – Submarine cable.
599/06	20.	BAHRAIN – Al Manama to SAUDI ARABIA, Al Khubar – Submarine cable.
600/06	20 – 8004.	KUWAIT – Al Kuwayt to Bandar 'Abbas, IRAN – Submarine cable
249/08	20 – 288 – 289 – 8004.	UNITED ARAB EMIRATES – QATAR – Submarine cables.
354/08	20 – 289.	UNITED ARAB EMIRATES – Jazirat Das to Ras al Qila – Submarine pipeline.
201/09	2049 – 2050.	PAKISTAN – Karachi Harbour – Lower Harbour Eastwards – Works.

2. INDIA WEST COAST – INDIAN OCEAN

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
137/04	21 – 203 – 2068 – 7705 (INT705).	INDIA – WEST COAST – Gulf of Kachchh – Ballast Split.
102/05	2021 – 2068 – 2080.	INDIA – WEST COAST – Gulf of Kachchh – Mundra Port – Work.

IX

2. INDIA WEST COAST – INDIAN OCEAN (Continued)

171/08	2040.	INDIA – WEST COAST – Porbandar Anchorage – Depth.
439/08	2080 – 2018 (INT 7321) – 2059 (INT 7322).	INDIA – WEST COAST – Kandla – Sogal channel – Buoy. Jetty.
084/09	2053.	INDIA – WEST COAST – Sacrifice Rock to Beypore – Breakwater.
085/09	2047.	INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty.
248/09	22(INT752) – 705(INT705).	INDIA – ARABIAN SEA – Buoys.
252/09	2022 (INT 7345).	INDIA – WEST COAST – Approaches to Mormugoa – Buoy.
331/09	203(INT 7319) – 2068.	INDIA – WEST COAST – Gulf of Kachchh – Deep water route – Buoy.
368/09	22 (INT 752) – 23 – 32 (INT 754) – 214 – 215 – 221 – 257 (INT 7343) – 259 (INT 7356) – 260 (INT 7362) – 261 – 263 (INT 7383) – 293 (INT 7022).	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
072/10	2016(INT7336) – 2015 (INT7337) – 2001.	INDIA – WEST COAST – Mumbai Harbour – Mooring Buoy.
073/10	2016(INT 7336) – 2015(INT 7337) – 2001 – 2076(INT 7338).	INDIA – WEST COAST – Mumbai Harbour – Dredging Operation. Dumping Ground.
103/10	2011.	INDIA – WEST COAST – Jaigarh Harbour – Dredging. Light. Breakwater. Works.
197/10	2020 – 2078 (INT 7346).	INDIA – WEST COAST – Approaches to Mormugao – Construction Work.
198/10	2036.	INDIA – WEST COAST – Murud Janjira Harbour – Dighi Port – Buoys.
218/10	2019 – 2101.	INDIA – WEST COAST – Approaches to Hazira – Buoys. Beacons.
227/10	2021 – 2079.	INDIA – WEST COAST – Approaches to Mundra Port – Mundra Port – Construction Work.
235/10	2082.	INDIA – WEST COAST – Approaches to Dahej Harbour – Dahej Harbour – Jetty. Work.
236/10	2016(INT 7336) – 2015(INT 7337) – 2076(INT 7338) – 2001.	INDIA – WEST COAST – Jwahar Lal Nehru Port and Trombay – Depths.

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MAYANMAR

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
540/05	7708 (INT 708).	INDIAN OCEAN – Cocos Islands – Light– beacon.
106/07	358 (INT 7394) – 317.	INDIA – SRILANKA – Palk Bay – Western Portion – Obstructions.

X

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MAYANMAR (Continued)

200/08	32 (INT754) – 33 – 357 (INT 7397) – 3007 – 3033.	INDIA – EAST COAST – Chemplast Karaikal Terminal – Construction Work. Dredging.
220/08	31 – 351 – 3017.	INDIA – EAST COAST – Approaches to Dhamra River – Construction Work.
185/09	225 – 2063.	SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Depths.
199/09	3035.	INDIA – EAST COAST – Gangavaram Port – Data Buoy.
254/09	23 – 32 (INT 754) – 33 – 41 – 225 – 264 – 356 (INT 7400) – 371 – 391 – 7706 (INT706).	INDIA – BAY OF BENGAL – Buoys.
340/09	352 (INT 7416) – 3010 (INT 7418).	INDIA – EAST COAST – Paradip Port – Buoy.
383/09	33 – 41 – 473 (INT 7031) – 405.	INDIA – ANDAMAN ISLANDS – South Andaman Island – Chidiyatapu – Light.
395/09	308 – 3002(INT 7410) – 3012(INT 7411).	INDIA – EAST COAST – Approaches to Visakhapatnam – Submarine Pipeline. Single Point Mooring. Buoy.
37/10	225 – 2063.	SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Construction Work. Restricted area. Recommended routes.
38/10	3028.	INDIA – EAST COAST – Port of Ennore – Jetty. Construction Work. Dredging.
129/10	31 – 32(INT 754) – 391 – 354(INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
147/10	263 – 264 – 225 – 2063.	SRI LANKA – West Coast – Approaches to Colombo – Submarine pipeline.
156/10	31 – 32(INT 754) – 391 – 354(INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
170/10	23 – 31 – 33 – 7702(INT 702) – 7703(INT703) – 7706(INT 706) – 7707(INT707).	INDIAN OCEAN – Data buoys.
171/10	31 – 32(INT 754) – 391 – 354(INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
189/10	31 – 32 (INT754) – 33 – 262 – 308 – 352 (INT7416) – 353 (INT7413) – 354 (INT7408) – 355 (INT7405) – 357 (INT7397) – 391.	INDIA – EAST COAST – Bay of Bengal – Underwater Moorings.
209/10	33.	INDIA-EAST COAST – Bay of Bengal - Andaman Sea – Data Buoys.
219/10	3009.	INDIA – EAST COAST – Approaches to Kakinada – Kakinada Anchorage – buoys. Turning Circle. Jetties.
237/10	406 – 4010.	ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.

XI

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

383/03	33 – 41.	INDONESIA – Sumatera – North and Northwest Coasts – Restricted area.
223/07	4026 – 4027.	MALAYSIA – Peninsular Malaysia, West Coast – Pinang Harbour – Coastline. Works. Lights. Beacons. Depths. Drying patch. Wrecks. Obstructions. Dredged areas. Marine farms.
377/07	7508(INT 508).	INDONESIA – Sumatera – Pulau Belitung West Coast – Tanjungpandan to Jawa North Coast – Pakis – Submarine cable.
341/09	41 – 9001.	INDONESIA – Sumatera – East Coast – Teluk Aru Eastwards – Submarine pipeline.
238/10	41 – 471.	INDONESIA – Sumatera – North West Coast – Pulau Bunta – Lights.



SECTION – I

The list of charts affected by the Notices 239 to 243 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	242,243
288	1	241
289	1	240,242,243
409	6	239
8004	1	243



SECTION – II
PERMANENT NOTICES

***239/(19/10) INDIA – ANDAMAN SEA – Great Nicobar Island – South Bay – Wreck.**

Source: NHO Dehradun.

(HJ/928/66)

Chart 409 [previous update 314/09]

Delete



6° 45′.60N., 93° 50′.10E.

240/(19/10) UNITED ARAB EMIRATES – Ras Hanjurah to Ras Ghanadah North-westwards – Anchorage area.

Source: BA Notice – 4665/10.

(HJ/1132/55)

Chart 289 [previous update 224/10] WGS84 DATUM

Insert



Offshore

25° 01′.6N., 54° 37′.5E.

241/(19/10) ARABIA – Lulu Oilfield North-westwards – Buoy.

Source: BA Notice – 4735/10.

(HJ/1133/80)

Chart 288 [previous update 230/10] WGS84 DATUM

Delete



28° 50′.5N., 49° 19′.0E.

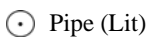
242/(19/10) UNITED ARAB EMIRATES – Jazirat Dayyinah North-eastwards – 'A' Structure Oilfield – Pipe.

Source: BA Notice 4663/10

(HJ/1132/57)

Chart 20 [previous update 225/10] WGS84 DATUM

Insert



Pipe (Lit)

25° 02′.5N., 52° 31′.3E.

Chart 289 [previous update 240/10] WGS84 DATUM

Insert



Pipe (Lit)

25° 02′.5N., 52° 31′.3E.

243/(19/10) UNITED ARAB EMIRATES – Hamriyah – Sharjah Offshore Oil Terminal Southwards – Wreck.

Source: BA Notice 4664/10

(HJ/1132/54)

Chart 20 [previous update 242/10] WGS84 DATUM

Insert



Wk

25° 34′.0N., 55° 24′.0E.

Chart 289 [previous update 242/10] WGS84 DATUM

Insert



Wk

25° 34′.0N., 55° 24′.0E.

Chart 8004 [previous update 224/10] WGS84 DATUM

Insert

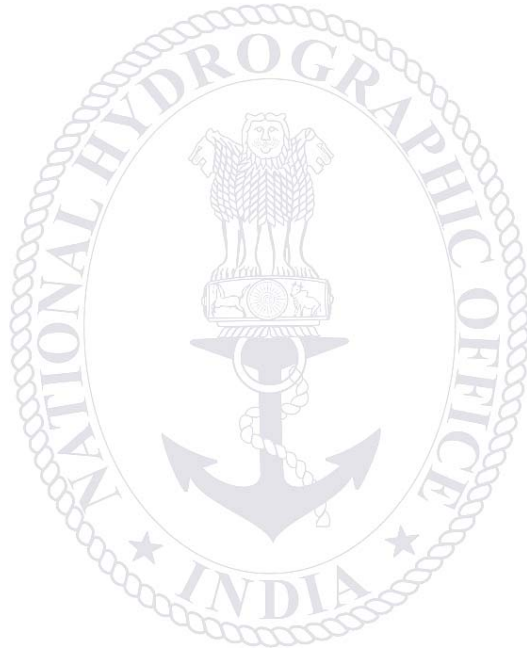


Wk

25° 34′.0N., 55° 24′.0E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

- Nil -



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@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.

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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, 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

INDIAN SHIP REPORTING SYSTEM (INDSAR)

1. In compliance to the provisions of international convention of Maritime Search and Rescue, 1979 (SAR convention 1979), and to provide/coordinate effective search and rescue operation in a possible event of unfortunate Marine causality the Indian Coast Guard brought in to operations the ship position reporting system w.e.f. 01 feb 2003 under the name Indian Ship Reporting System (INDSAR). The INDSAR is an advanced computerized system designed to contribute to safety of life at sea and is operated and maintained by the Indian Coast Guard through Maritime Rescue Coordinate Centre (MRCC) in Mumbai. **All vessels transiting in the Indian Search and Rescue Region (ISRR) are requested to follow the guidelines as promulgated in Indian Notices to Mariners “Special Edition - 2008 Notice no. 8 (Para 21 through 51)” for prompt action.**

2. INDSAR is a mandatory reporting by all Indian registered ships of 100 GRT or more including sailing and fishing vessels engaged in international and domestic coastal routes. The Indian Government encourages foreign ships of 100 GRT and above to participate in the INDSAR voluntarily for effective SAR co ordination and safety of life at sea. However, position reporting is mandatory for all the vessels carrying dangerous goods, disabled vessels/ vessels of more than 20 years and those which require assistance due to urgency/distress.

3. With a view to encourage position reporting by merchant vessels transiting in ISRR to the INDSAR, INMARSAT – C Special access Toll free 43 code through LES PUNE is activated.

4. Procedure to send INDSAR ship report through INMARSAT – C toll free special access code – 43 is as follows:

(a) **Header Part.**

(a.i) Enter the header in following format in your message

(a.ii) m:indsar?vsnl.net

(a.iii) Where m stands for “Mail”

(a.iv) Always enter “:” after the service category m

(a.v) Kindly see that “@” sign is entered as “?”

(a.vi) Kindly see the following example where indsar@vsnl.net is entered as:
m:indsar?vsnl.net

(b) **Message Part.**

(b.i) After header is finished type “BT” (Begin Text) and then press enter in next line start typing your text messages

(b.ii) Then dial two digit codes “43” and send the message. Transmit the message by selecting the LES ID 306 and special access code “43” in the transmit menu with 7 bit format (for INDSAR toll free 43 special access code please use LES ID 306)

5. The complete message looks like as shown:-

M:indsar?vsnl.net
BT
(.....your message.....
.....
.....)

6. The above INDSAR position report can also be sent in the following mode:

E mail : indsar@vsnl.net, icgmrcc_mumbai@mtnl.net.in
Telefax : 0091 – 22- 24316558
INMARSAT – C : 441907210

7. For any technical support for toll free 43 special access code contact details are as follows:-

Pune LES
Tata Communication Limited
Alandi Road, Dighi,
Pune – 411015
Maharashtra - India

Telephone: 020 66153308/65343751
Fax: 020 66153342
E mail: puneles@tatacommunications.com

**ANTIPIRACY MEASURES BY SHIPS IN
INDIAN SEARCH AND RESCUE AND RESCUE REGION**

1. Masters of ships are advised to immediately report any incident of piracy /armed robbery/petty theft or unauthorised boarding whilst in the Indian Search and Rescue Region (ISRR) to the nearest Maritime Rescue Coordination Centre (MRCC) of the Indian Coast Guard/nearest Port authority.
2. The contact details of the MRCCs/MRSCs are available in following publications:
- (i) Indian Special Edition 2008 Notice No. 7 page no. 48 , para 76
 - (ii) List of Radio Signals Volume I, INP 31(1), 2005, Page No. 29 to 35.

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 30 Sep 10.

2010 SERIES - 252 297 303 314 315 352 379 380 389 396 399 440 441 442 449 457 461
466 470 471 474 485 491 492 499 500 501 503 508 509 511 516 520 521 522 525 526
527 528 530 533 534 535 536 537 538 541 542 543 544

3. NAVAREA VIII Warnings issued during the period from 16 Sep 10 to 30 Sep 10 (both dates inclusive) are as tabulated below:-

<p>511. Refer Navarea VIII message 491 of 2010. India East Coast – Bay of Bengal. Charts 31 32 355 INT 706. Rig Energy Driller moved to new position 16-15.26N 082-10.15E.</p> <p>2. Wide berth requested.</p>																
<p>512. India East Coast- Bay of Bengal. Charts 31 301 351 352 3017 3031 INT 706. Experimental rocket launching scheduled from ITR launch complex between 0330 UTC and 1130 UTC from 24 Sep to 25 Sep 2010</p> <p>2. Danger zone bounded by following points</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 25%;">(a) 21-24.31N</td> <td style="width: 25%;">086-54.96E</td> <td style="width: 25%;">(b) 21-24.25N</td> <td style="width: 25%;">087-09.01E</td> </tr> <tr> <td>(c) 21-04.88N</td> <td>087-30.56E</td> <td>(d) 19-34.90N</td> <td>089-39.11E</td> </tr> <tr> <td>(e) 18-58.75N</td> <td>089-03.56E</td> <td>(f) 18-32.36N</td> <td>088-20.45E</td> </tr> <tr> <td>(g) 20-47-53N</td> <td>087-10.23E</td> <td>(h) 21-11.35N</td> <td>086-52.66E</td> </tr> </tbody> </table> <p>3. Mariners to exercise caution.</p> <p>4. Cancel this message on 26 Sep 2010.</p>	(a) 21-24.31N	086-54.96E	(b) 21-24.25N	087-09.01E	(c) 21-04.88N	087-30.56E	(d) 19-34.90N	089-39.11E	(e) 18-58.75N	089-03.56E	(f) 18-32.36N	088-20.45E	(g) 20-47-53N	087-10.23E	(h) 21-11.35N	086-52.66E
(a) 21-24.31N	086-54.96E	(b) 21-24.25N	087-09.01E													
(c) 21-04.88N	087-30.56E	(d) 19-34.90N	089-39.11E													
(e) 18-58.75N	089-03.56E	(f) 18-32.36N	088-20.45E													
(g) 20-47-53N	087-10.23E	(h) 21-11.35N	086-52.66E													
<p>513. India West Coast – Mormugao. Chart 22 214 215 257 2020 2022 2028 2078 INT 706. Firing practice by Naval coast battery from position 15-24.60N 073-47.10E between 0430 UTC to 0730 UTC on 24 Sep 2010.</p> <p>2. Danger area sector of 20 NM radius between 200 degree to 260 degree from firing position.</p> <p>3. Safe flying height 6500 metres.</p> <p>4. Cancel this message on 25 Sep 2010.</p>																
<p>514. India East Coast- Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. firing practice by Naval coast battery from position 13-07.17N 080-18.70E between 0530 UTC to 0730 UTC on 24 Sep 2010.</p> <p>2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position.</p> <p>3. Safe flying height 12800 metres.</p> <p>4. Cancel this message on 25 Sep 2010.</p>																
<p>515. Self Cancelling. Navarea VIII-warning inforce</p> <p>252 297 303 314 315 352 361 379 380 389 396 399 440 441 442 449 457 461 466 470 471 474 485 491 492 493 494 497 500 501 503 504 505 507 508 509 510 511 512 513 514 of 2010</p>																
<p>516. Arabian Sea- Southern Part. Charts INT 703 INT 704 INT 705. Yellow coloured data buoy 3 meter dia and 3.5 meter mast fitted with radar reflector laid in position 12-00.00N 068-58.00E with characteristics Fl Y 4sec 04 Miles</p> <p>2. All vessels to maintain safe distance of 1000 metre from the buoy.</p>																
<p>517. Self Cancelling. Cancel Navarea VIII messages 507 and 510 of 2010.</p>																
<p>518. Bay of Bengal – Southern Portion. Charts 31 32 354 355 INT 706. Firing practice by Naval ships from 0330 UTC to 0830 UTC on 28 Sep and 29 Sep 2010. Danger area bounded by</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 25%;">(a) 16-44.0N</td> <td style="width: 25%;">083-34.0E</td> <td style="width: 25%;">(b) 16-01.0N</td> <td style="width: 25%;">084-18.0E</td> </tr> <tr> <td>(c) 15-13.0N</td> <td>083-42.5E</td> <td>(d) 15-56.0N</td> <td>083-00.0E</td> </tr> </tbody> </table> <p>2. Safe flying height 10000 metres.</p> <p>3. Cancel this message on 30 Sep 2010.</p>	(a) 16-44.0N	083-34.0E	(b) 16-01.0N	084-18.0E	(c) 15-13.0N	083-42.5E	(d) 15-56.0N	083-00.0E								
(a) 16-44.0N	083-34.0E	(b) 16-01.0N	084-18.0E													
(c) 15-13.0N	083-42.5E	(d) 15-56.0N	083-00.0E													

<p>519. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing by Naval coast battery from 0900 UTC to 1200 UTC on 28 Sep 2010. 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>2. Safe flying height 10000 meters. 3. Cancel this message on 29 Sep 2010.</p>	(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
(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>520. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Middleground buoy off station (18-55.18N 072-51.04E,) 145 degree, 240 metres from its charted position. 2. Mariners to exercise caution.</p>												
<p>521. India Andaman Islands – Rutland Island. Charts 33 41 473 INT 706. Rutland light in position 11-20.7N 092-36.7E unlit. 2. Mariners to exercise caution.</p>												
<p>522. India West Coast – Arabian Sea. Charts 22 268 273 INT 706. Valiyakara island light in position 10-08.2N 072-19.7E unlit. 2. Mariners to exercise caution.</p>												
<p>523. Self Cancelling. Indian Ocean – Western Part. Charts INT 71 INT 72 INT 701 . Possible piracy action in position 01-17.0N 052-51.0E. 2. All vessels transiting the area are advised to exercise extreme caution.</p>												
<p>524. Self Cancelling. Cancel Navarea VIII message 512 of 2010.</p>												
<p>525. India West Coast – Off Karwar. Charts 22 215 216 257 258 293 INT 705. Hydrographic survey will be carried out by Naval Hydrographic vessel Nirdeshak from 01 Oct to 15 Oct 2010 in the following area</p> <table border="0"> <tr> <td>(a)</td> <td>14-45.0N</td> <td>073-38.0E</td> <td>(b)</td> <td>14-37.0N</td> <td>073-26.0E</td> </tr> <tr> <td>(c)</td> <td>14-22.0N</td> <td>073-31.0E</td> <td>(d)</td> <td>14-30.0N</td> <td>073-45.0E</td> </tr> </table> <p>2. All vessels operating in vicinity are to maintain a safe distance from survey vessel and exercise caution. 3. Cancel this message on 16 Oct 2010.</p>	(a)	14-45.0N	073-38.0E	(b)	14-37.0N	073-26.0E	(c)	14-22.0N	073-31.0E	(d)	14-30.0N	073-45.0E
(a)	14-45.0N	073-38.0E	(b)	14-37.0N	073-26.0E							
(c)	14-22.0N	073-31.0E	(d)	14-30.0N	073-45.0E							
<p>526. India West Coast- Gulf of Khambat. Charts 21 208 258 292 INT 705. Narmada channel marking buoy no 1 unlit and buoy no 6 missing. 2. Mariners to exercise caution.</p>												
<p>527. India West Coast – Mormugao. Chart 22 257 INT 705 INT 706. Firing practice by naval aircraft between 0230 UTC to 1230 UTC from 01 Oct to 07 Oct 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>15-13.00N</td> <td>73-57.00E</td> <td>(b)</td> <td>15-13.00N</td> <td>73-52.00E</td> </tr> <tr> <td>(c)</td> <td>15-11.00N</td> <td>73-52.00E</td> <td>(d)</td> <td>15-11.00N</td> <td>73-57.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres. 3. Cancel this message on 08 Oct 2010.</p>	(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
(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							
<p>528. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Sunken underwater obstruction in position 18-50.69N 072-48.19E marked with yellow coloured marker buoy (Q F Y). 2. Mariners to exercise caution.</p>												
<p>529. Self Cancelling. Navarea VIII-warning inforce 252 297 303 314 315 352 361 379 380 389 396 399 440 441 442 449 457 461 466 470 471 474 485 491 492 500 501 503 505 508 509 511 513 514 516 518 519 520 521 522 523 524 525 526 527 528 of 2010</p>												
<p>530. Refer Navarea VIII message 491 of 2010. India East Coast- Bay of Bengal. Charts 31 32 355 INT 706. Rig DHIRUBHAI DEEPWATER KG1 moved to new position 15-11.18N 082-04.80E. 2. Wide berth requested.</p>												
<p>531. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Diving operation in position 18-53.55N 072-51.22E will be carried out between 0230 UTC and 0430 UTC on 29 Sep 2010. 2. All vessels approaching or departing Mumbai harbour to proceed with extremely slow speed and keep 1000 metres clear of the area. 3. Cancel this message on 30 Sep 2010.</p>												
<p>532. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Suspected underwater obstruction in position 18-53.55N 072-51.22E. Marked with one metre high synthetic buoy(Q Y) reported unlit 2. Mariners to exercise caution.</p>												

<p>533. India West Coast –Gulf of Kachchh. Charts 21 203 2068 INT 705. Mungra reef lighthouse in position 22-45.60N 070-11.00E unlit.</p> <p>2. Mariners to exercise caution.</p>												
<p>534. India West Coast – Gulf of Khambhat. Charts 21 208 258 292 INT 705. Red flashing buoy adrift. Last known position 21-23.6N 072-22.0E.</p> <p>2. Mariners to exercise caution.</p>												
<p>535. Self Cancelling. Piracy.Indian Ocean – Western Part. Charts INT 71 INT 72 INT 701. M/V attacked in position 06-54.0S 040-27.0E at 2050 UTC on 26 Sep 2010.</p> <p>2. All vessels are advised to keep 100 miles clear of this position and exercise extreme caution.</p>												
<p>536. Cancel Navarea VIII message 361 of 2010. India West Coast- Off Okha. Charts 21 291 INT 705. Rig PRIDE HAWAII demobilized and being towed by tug Fairmount expedition en-route to Bahrain.</p> <p>2. Mariners to give wide berth and exercise caution.</p>												
<p>537. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Seaward firing practice by Naval coast battery between 1030 UTC to 1230 UTC on 06 Oct 2010.</p> <p>2. Danger area from 240 degree to 015 degree (through 270 degree) up to 13 miles seaward from 22-28.7N 069-04.0E. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>22-22.0N</td> <td>068-50.0E</td> <td>(B)</td> <td>22-37.0N</td> <td>068-53.0E</td> </tr> <tr> <td>(c)</td> <td>22-42.0N</td> <td>069-08.0E</td> <td>(D)</td> <td>22-29.0N</td> <td>069-04.0E</td> </tr> </table> <p>3. Safe flying height 13000 metres.</p> <p>4. Cancel this message on 07 Oct 2010.</p>	(a)	22-22.0N	068-50.0E	(B)	22-37.0N	068-53.0E	(c)	22-42.0N	069-08.0E	(D)	22-29.0N	069-04.0E
(a)	22-22.0N	068-50.0E	(B)	22-37.0N	068-53.0E							
(c)	22-42.0N	069-08.0E	(D)	22-29.0N	069-04.0E							
<p>538. India East Coast- Visakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Seaward firing practice by Naval coast battery from 1500 UTC to 1700 UTC on 06 Oct 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>17-42.0N</td> <td>083-18.0E</td> <td>(b)</td> <td>17-47.0N</td> <td>083-32.0E</td> </tr> <tr> <td>(c)</td> <td>17-34.0N</td> <td>083-30.0E</td> <td>(d)</td> <td>17-28.0N</td> <td>083-18.0E</td> </tr> </table> <p>2. Safe flying height 13000 metres.</p> <p>3. Cancel this message on 07 Oct 2010.</p>	(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
(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							
<p>539. Self Cancelling. Cancel Navarea VIII message 531 and 532 of 2010.</p>												
<p>540. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Diving operation will be carried out to retrieve possible sunken containers in positions 18-52.30N 072-50.27E and 18-52.28N 072-50.27E on following dates</p> <table border="0"> <tr> <td>Date</td> <td>Time</td> </tr> <tr> <td>30 Sep 2010</td> <td>0300 UTC to 0530 UTC</td> </tr> </table> <p>2. All vessels approaching or departing Mumbai harbour to proceed at extreme slow speed and keep 1000 metres clear of the area.</p> <p>3. Cancel this message on 301000Z Sep 2010.</p>	Date	Time	30 Sep 2010	0300 UTC to 0530 UTC								
Date	Time											
30 Sep 2010	0300 UTC to 0530 UTC											
<p>541. India East Coast - Gopalpur. Charts 31 352 353 3005 INT 706. Firing exercise between 2330 UTC to 1800 UTC from 06 Oct to 09 Oct 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>085-27.86E</td> </tr> <tr> <td>(c)</td> <td>18-46.05N</td> <td>085-22.87E</td> <td colspan="3">and arc of 41 NM radius joining point (b) and (c)</td> </tr> </table> <p>2. Safe flying height 6500 metres.</p> <p>3. Cancel this message on 10 Oct 2010.</p>	(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.86E	(c)	18-46.05N	085-22.87E	and arc of 41 NM radius joining point (b) and (c)		
(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.86E							
(c)	18-46.05N	085-22.87E	and arc of 41 NM radius joining point (b) and (c)									
<p>542. Self Cancelling. Piracy.Indian Ocean – Western Part. Charts INT 71 INT 72 INT 701. M/V attacked in position 06-28.0S 039-48.0E at 0747 UTC on 28 Sep 2010.</p> <p>2. All vessels are advised to keep 100 miles clear of this position and exercise extreme caution.</p>												
<p>543. India West Coast- Off Mumbai. Charts 21 211 255 292 2015 INT 705. Diving operation will be carried out to retrieve possible sunken containers in position 18-50.70N 072-48.19E between 0330 UTC to 0700 UTC on 01 Oct 2010.</p> <p>2. All vessels approaching or departing Mumbai harbour to proceed at extreme slow speed and keep 1000 metres clear of the area.</p> <p>3. Cancel this message on 02 Oct 2010.</p>												
<p>544. Refer Navarea VIII message 491 of 2010. India East Coast- Bay of Bengal. Charts 31 32 355 INT 706. Rig DHIRUBHAI DEEPWATER KG2 moved to new position 15-07.3N 080-55.5E.</p> <p>2. Wide berth requested.</p>												

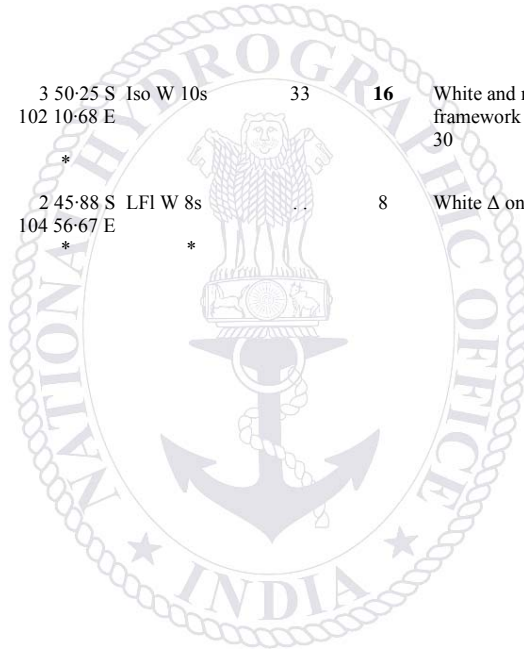
6.1

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

-NIL-

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7364-5	- Ra's Zubayyah. No 3	24 21-62 N 54 07-43 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7364-7	- Ra's Zubayyah. No 1	24 22-12 N 54 06-95 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7366-8	- Abūal Abyad. Ra's Muqayshit. Northwards. No 4	24 11-80 N 53 36-96 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7366-83	- Abūal Abyad. Ra's Muqayshit. Northwards. No 6	24 11-28 N 53 36-76 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7366-835	- Abūal Abyad. Ra's Muqayshit. Northwards. No 8	24 10-77 N 53 36-57 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7366-837	- Abūal Abyad. Ra's Muqayshit. No 10	24 10-51 N 53 36-53 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7366-838	- Abūal Abyad. Ra's Muqayshit. No 9	24 10-51 N 53 36-48 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7366-84	- Abūal Abyad. Ra's Muqayshit. Northwards. No 7	24 10-68 N 53 36-53 E	Fl G 3s*	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7366-85	- Abūal Abyad. Ra's Muqayshit. Northwards. No 5	24 11-30 N 53 36-72 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7366-9	- Abūal Abyad. Ra's Muqayshit. Northwards. No 3	24 11-81 N 53 36-91 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7367-1	- Abūal Abyad. Ra's Muqayshit. Northwards. No 1	24 12-22 N 53 37-07 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7367-2	- Abūal Abyad. Ra's Muqayshit. Northwards. No 2	24 12-20 N 53 37-11 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7367-3	- Marawah. Janānah. Westwards. No 1	24 12-67 N 53 21-76 E	Fl W 3s	..	..	Beacon	*
*	*	*	*	*	*	*	*
D7367-4	- Marawah. South. No 2	24 14-40 N 53 20-06 E	Fl R 3s	..	..	Beacon	*
*	*	*	*	*	*	*	*
D7367-8	- Marawah. South. No 3	24 13-83 N 53 18-88 E	Fl W 3s	..	..	Beacon	*
*	*	*	*	*	*	*	*
D7371-05	- Ra's Khudayrīyah. South- eastwards. No 5	24 14-41 N 52 33-71 E	Fl G 3s	..	..	Green beacon	*
*	*	*	*	*	*	*	*
D7371-06	- Ra's Khudayrīyah. South- eastwards. No 6	24 14-53 N 52 34-52 E	Fl R 3s	..	..	Red beacon	*
*	*	*	*	*	*	*	*
D7374	- Ar Ru'ays (Ruweis). Eastwards. Al- Humer	24 08-61 N 52 49-40 E	Fl W 3s	..	..	Yellow beacon	*
*	*	*	*	*	*	*	*
D7418-7	Remove from list						

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F0901-9	- Mallipatnam	10 16-20 N 79 18-80 E	Fl W 5s	..	..	Tower 45	*
*	*	*	*	*	*	*	*
F0918	Pūmpukār (Poompuhar)	11 08-48 N 79 51-40 E	Fl(4)W 15s	..	..	Tower 30	*
*	*	*	*	*	*	*	*
F1733-25	- Changi. SAF Yacht Club. Breakwater. W side. SAFYC1	1 18-89 N 104 00-93 E	Fl R 5s	5	3	Red post 2	*
*	*	*	*	*	*	*	*
F1733-26	- Changi. SAF Yacht Club. Breakwater. E side. SAFYC 2	1 18-87 N 104 00-93 E	Fl G 5s	5	3	Green post 2	*
*	*	*	*	*	*	*	*
F1733-27	- Changi. SAF Yacht Club. Breakwater. Head. SAFYC 3	1 18-88 N 104 01-01 E	Fl Y 5s	5	3	Yellow post 2	*
*	*	*	*	*	*	*	*
F1733-28	- Changi. SAF Yacht Club. Breakwater. Head. SAFYC 4	1 18-92 N 104 01-01 E	Fl Y 7s	5	3	Yellow post 2	*
*	*	*	*	*	*	*	*
F1737-4	Remove from list						
K0884	-Pulau Tikus (ID)	3 50-25 S 102 10-68 E	Iso W 10s	33	16	White and red metal framework tower 30	*
*	*	*	*	*	*	*	*
K0940-4	- W Bank (ID)	2 45-88 S 104 56-67 E	LFl W 8s	..	8	White Δ on white beacon fl 3	*
*	*	*	*	*	*	*	*



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

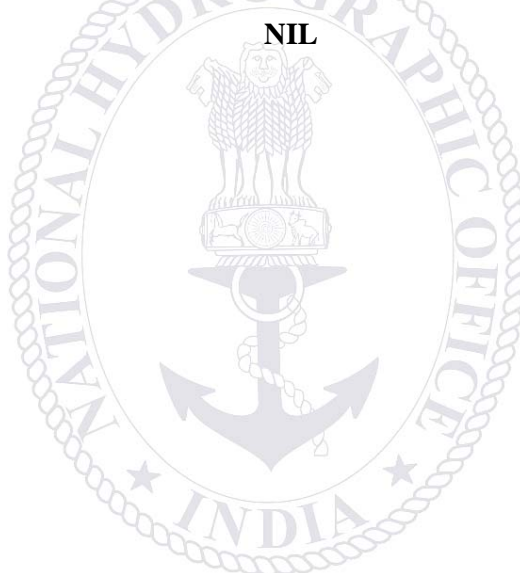
(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 18 dated 16 Sep 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-navy@nic.in, msis-inho-navy@nic.in
Fax No.: +91-135- 2748373
WEB: www.hydrobharat.nic.in

Instructions for filling up IH 102

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

Position Reporting

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

Depth Reporting

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

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

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

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

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

I.H. 102

HYDROGRAPHIC NOTE

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

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

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

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date

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

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

7 Tugs	
(a) Number available/Type	
(b) Maximum HP/Bollard Pull	
(c) Requesting authority	
(d) Availability times	
(e) Communication with tugs	
(f) Hiring charges	
8 Berthing and wharves	
(a) Type & number of berths available	
(b) Length	
(c) Depth alongside	
(d) Facilities available	
(e) Procedure for requesting berth and hiring charges.	
9 Cargo Handling	
(a) Containers	
(b) Lighters	
(c) Roll on / Roll off etc.	
10 Cranes	
(a) Brief details max lifting capacity, height of boom at 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

SAR TELE: 1554 INMARSAT C (IOR) 441907210

CODE: 43 (TOLL FREE)

AFTN: VABBYXYC

