



INDIAN NOTICES TO MARINERS



EDITION NO. 23 DATED 01 DEC 2011

(CONTAINS NOTICES 267 TO 275)

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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 shortcomings in Indian charts/publications. The Hydrographic Note [Form IH – 102] is a convenient form to notify such changes. Specimen form is attached at Section IX with this notice. Also visit our website for downloading and filling up instructions for Hydrographic Note.

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

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

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart 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 newly published Indian charts, ENC's and Publications:-

-Nil-

2. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
403	STEWART SOUND TO ELPHINSTONE HARBOUR	1,50,000	New Edition
2029 (INT7358)	APPROACHES TO KOCHI	60,000	New Edition
2045 (INT7360)	PORT OF KOCHI	7,500	New Edition

3. The forthcoming Indian Publication is as follows:-

<i>INP No</i>	<i>Title</i>
31(5)	Indian List of Radio Signal Vol 5 (GMDSS) 2011

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 lists of charts affected by the Notices 267 to 275 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	268
22(INT752)	3	268
31	5	275(T)
32(INT754)	5	275(T)
33	5	275(T)
41(INT757)	6	275(T)
207	2	267
208	2	267
254(INT7331)	2	267
255(INT7334)	3	268
292(INT7021)	2	267, 268
293(INT7022)	3	268
352(INT7416)	5	272
356(INT7400)	5	271
404	6	275(T)
405	6	275(T)
472(INT7032)	6	275(T)
473(INT7031)	6	275(T)
2008	3	270
2010	3	270
2022(INT7345)	3	269
2044	2	267
3001(INT7402)	5	273
3004(INT7403)	5	273
3010(INT7418)	5	272
3012(INT7411)	5	274
3034	5	271
7706(INT706)	1	275(T)
7707(INT707)	1	275(T)

SECTION – II
PERMANENT NOTICES

***267/(23/11) INDIA – WEST COAST – Gulf of Khambhat (Southern Portion) – Wreck.**

Source: VTS Khambhat.

(HJ/1130/17)

Wreck of D/V Platinum II

Chart 292(INT7021) [previous update 231/11]

Insert  *PA* 21° 06′-60N., 72° 09′-15E.

Chart 254(INT7331) [previous update 220/11]

Insert  *PA* 21° 06′-60N., 72° 09′-15E.

Chart 207 [previous update 220/11]

Insert  *PA* 21° 06′-60N., 72° 09′-15E.

Chart 208 [previous update 220/11]


Insert  *PA* 21° 06′-60N., 72° 09′-15E.

Chart 2044 [previous update 220/11]

Insert  *PA* 21° 06′-60N., 72° 09′-15E.

***268/(23/11) INDIA – WEST COAST – Approaches to Mumbai – Oil Platforms.**

Source: ONGC

(HJ/1030/87)

Chart 21 [previous update 257/11]

Insert  18° 47′-42N., 72° 00′-03E.
18° 54′-68N., 71° 49′-60E.

Chart 22 (INT752) [previous update 231/11]

Insert  18° 47′-42N., 72° 00′-03E.
18° 54′-68N., 71° 49′-60E.

Chart 292(INT7021) [previous update 267/11]

Insert  18° 47′-42N., 72° 00′-03E.
18° 54′-68N., 71° 49′-60E.

Chart 293(INT7022) [previous update 231/11]

Insert  18° 47′-42N., 72° 00′-03E.
18° 54′-68N., 71° 49′-60E.

Chart 255(INT7334) [previous update 231/11]

Insert  18° 47′-42N., 72° 00′-03E.
18° 54′-68N., 71° 49′-60E.


***269/(23/11) INDIA – WEST COAST – Approaches to Mormugao – Buoys. Wreck.**


Source: INM 115/11.

(HJ/1030/56)

Chart 2022(INT 7345) [previous update 214/11]

Substitute  for  (a) 15° 24′-90N., 73° 49′-14E.

Insert  *Fl.G.10s*, close E of: (a) above

Delete  *Fl.R.2s*, close NE of: (a) above

 *Fl.Y.4s (Oct to May)* 15° 18′-60N., 73° 41′-50E.

***270/(23/11) INDIA – WEST COAST – Karwar Naval Harbour – Buoys.**

Source: HQFOK

(HJ/1030/45)

Chart 2008 [previous update 147/11]

Move	 <i>Fl.R.5s</i> CB3	from:	14° 45′.449N., 74° 07′.403E.
		to:	14° 45′.457N., 74° 07′.411E.
	 <i>Fl.G.5s</i> CB2	from:	14° 45′.504N., 74° 07′.589E.
		to:	14° 45′.531N., 74° 07′.566E.

Chart 2010 [previous update 147/11]

Move	 <i>Fl.R.5s</i> CB3	from:	14° 45′.449N., 74° 07′.403E.
		to:	14° 45′.457N., 74° 07′.411E.
	 <i>Fl.G.5s</i> CB2	from:	14° 45′.504N., 74° 07′.589E.
		to:	14° 45′.531N., 74° 07′.566E.

***271/(23/11) INDIA – EAST COAST – Approaches to Krishnapatnam Port – Krishnapatnam Port - Legends. Buoy. Dredged Limit.**

Source: Krishnapatnam Port Company Limited.

(HJ/1029/49)

Chart 356 (INT 7400) [previous update NE 15 May 2011]

Delete	 <i>LFl.10s</i> RW	14° 15′.52N., 80° 15′.14E.
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Chart 3034 [previous update 184/11]

Insert	dredged limit, pecked line joining:	14° 15′.07N., 80° 07′.46E. (Shore)
		14° 14′.95N., 80° 07′.45E. (existing channel limit)
	legend, “18.5m”, centered on:	14° 14′.90N., 80° 07′.57E.
Amend	legend to, “18.5 m”, centered on:	14° 15′.15N., 80° 07′.78E.
	legend to, “19.0 m”, centered on:	14° 14′.88N., 80° 07′.78E.
		14° 14′.88N., 80° 08′.52E.
	legend to, “Maintained Depth 19.0m”, centered on:	14° 15′.23N., 80° 12′.20E.

Delete	 <i>LFl.10s</i> RW	14° 15′.52N., 80° 15′.14E.
--------	--	----------------------------

Chart 3034 (Plan)[previous update 184/11]

Insert	dredged limit, pecked line joining:	14° 15′.067N., 80° 07′.460E. (Shore)
		14° 14′.945N., 80° 07′.450E. (existing channel limit)
	legend to, “Maintained Depth 18.5 m”, centered on:	14° 14′.965N., 80° 07′.560E.
Amend	legend to, “Maintained Depth 18.5 m”, centered on:	14° 15′.140N., 80° 07′.780E.
	legend to, “Maintained Depth 19.0 m”, centered on:	14° 14′.885N., 80° 07′.890E.
		14° 14′.855N., 80° 08′.595E.
		14° 15′.075N., 80° 10′.600E.

***272/(23/11) INDIA –EAST COAST – Approaches to Paradip – Anchorage Area.**

Source: Paradip Port Trust.

(HJ/1129/03)

Chart 352 (INT 7416) [previous update 036/11]

Insert	circular limit of restricted area, -----⚓-----, radius 1 NM centered on	(a) 20° 11'·60N., 86° 42'·20E. (b) 20° 10'·30N., 86° 44'·00E. (c) 20° 10'·00N., 86° 47'·80E. (d) 20° 01'·80N., 86° 38'·50E. (e) 20° 06'·40N., 86° 49'·00E.
	legend, “General-1”, centered on:	(a) above
	legend, “General-2”, centered on:	(b) above
	legend, “Tanker”, centered on:	(c) above
	legend, “VLCC 1”, centered on:	(d) above
	legend, “VLCC 2”, centered on:	(e) above

Delete	circular limit of anchorage area, Pecked line, radius 1.5 NM, with associated legend, “VLCC No. 1 ⚓”, centered on:	20° 00'·00N., 86° 41'·00E.
	circular limit of anchorage area, pecked line, radius 1.5 NM, with associated legend, “VLCC No. 2 ⚓”, centered on:	20° 07'·50N., 86° 46'·50E.

Chart 3010 [previous update 130/11]

Insert	circular limit of restricted area, -----⚓-----, radius 1 NM centered on	(a) 20° 11'·60N., 86° 42'·20E. (b) 20° 10'·30N., 86° 44'·00E. (c) 20° 10'·00N., 86° 47'·80E.
	legend, “General-1”, centered on:	(a) above
	legend, “General-2”, centered on:	(b) above
	legend, “Tanker”, centered on:	(c) above
	limit of anchorage area, -----⚓-----, clockwise arc of 01 NM radius centered on 20° 06'·40N., 86° 49'·00E (outside S border) joining:	20° 07'·00N., 86° 48'·14E. (S Border) 20° 07'·00N., 86° 48'·30E. (S Border)
Delete	circular limit of anchorage area with associated legend “General ⚓”, of radius 1400 meters centered on:	20° 11'·56N., 86° 41'·90E
	circular limit of anchorage area with associated legend “Tanker ⚓”, of radius 1400 meters centered on:	20° 11'·56N., 86° 44'·90E
	semi circular limit of anchorage area with associated legend “⚓ VLCC No. 2”, of radius 1.5 NM centered on:	20° 07'·55N., 86° 46'·38E

***273/(23/11) INDIA – EAST COAST – Chennai Harbour – Waiting Area. Legend.**

Source: Chennai Port Trust

(HJ/1029/39)

Chart 3001(INT 7402) [previous update 287/10]Delete limit of waiting area, pecked line, with associated legend, “*Waiting Area - 3 Abandoned*”, joining:

13° 05′.58N., 80° 19′.42E.

13° 06′.08N., 80° 19′.42E.

13° 06′.08N., 80° 19′.92E.

13° 05′.58N., 80° 19′.92E.

Chart 3004(INT 7403) [previous update 153/10]Delete limit of waiting area, pecked line, with associated legend, “*Waiting Area - 3 Abandoned*”, joining:

13° 05′.58N., 80° 19′.42E.

13° 06′.08N., 80° 19′.42E.

13° 06′.08N., 80° 19′.92E.

13° 05′.58N., 80° 19′.92E.

***274/(23/11) INDIA – EAST COAST – Visakhapatnam Harbour – Buoys. Chimney.**

Source: IH102, INS Nirupak.

(HJ/1029/76)

Chart 3012(INT 7411) [previous update 197/11]

Delete

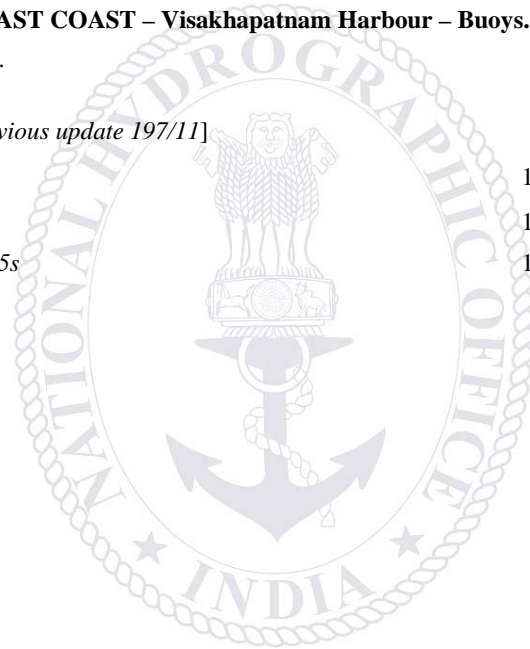


Fl.R.5s

17° 41′.518N., 83° 17′.172E.

17° 42′.527N., 83° 16′.313E.

17° 41′.378N., 80° 16′.960E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***275(T)/(23/11) INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.**

Source: NIOT Chennai, BA Notice – 342/11, Marine Technology Centre, Japan, MV Samudra Manthan, & NAVAREA VIII - 368/11

(HJ/1028/29)

1. Following yellow coloured data buoys with 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

Buoy No.	Position	Diameter of Buoy	Characteristics	Chart Affected
BD02	18° 30'·00N 88° 00'·00E	3m	FL.Y.20s4M	31, 7706(INT706)
BD07	06° 13'·00N 85° 54'·00E	3m	FL(4)15s4M	33, 7706(INT706),7707(INT707)
BD08 OMNI	18° 10'·00N 89° 40'·00E	3m	FL(5)Y.20s4M	31, 7706(INT706)
BD10 OMNI	16° 30'·00N 88° 00'·00E	3m	FL(5)Y.20s4M	31, 7706(INT706)
BD11 OMNI	14° 12'·00N 82° 54'·00E	3m	FL(5)Y.20s4M	31,32(INT754),33,7706(INT706)
BD12 OMNI	10° 30'·00N 94° 00'·00E	3m	FL(5)Y.20s4M	41(INT757), 33, 472(INT7032)
BD13 OMNI	11° 00'·00N 86° 30'·00E	3m	FL(5)Y.20s4M	33, 7706(INT706)
BD14 OMNI	06° 11'·00N 85° 52'·00E	3m	FL(5)Y.20s4M	33,7706(INT706),7707(INT707)
RP 01	11° 35'·00N 92° 36'·00E	3m	FL(5)Y.20s4M	41(INT757), 33, 473(INT7031), 404, 405, 7706(INT706)

2. Following yellow coloured tsunami buoys with 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:

TB05	11° 00'·00N 89° 30'·00E	3m	FL.Y.20s4M	33, 7706(INT706)
TB08	12° 28'·00N 85° 30'·00E	3m	FL.Y.20s4M	33, 7706(INT706)
STB01	06° 15'·00N 88° 48'·00E	2.1m	FL20s4M	33,7706(INT706),7707(INT707)
TB08_A	12° 32'·00N 85° 28'·00E	3m	FL.Y.20s4M	33, 7706(INT706)
TB06	14° 53'·00N 89° 56'·00E	3m	FL.Y.20s4M	31, 7706(INT706)

*3. Following Tsunami buoys are laid in the following position:

--	09° 47'·43N 94° 25'·30E	--	--	41(INT757), 472(INT7032)
--	08° 54'·20N 88° 32'·50E	--	--	33,7706(INT706),7707(INT707)
--	09° 29'·80N 95° 40'·00E	--	--	41(INT757), 7706(INT706)
--	07° 30'·00N 96° 10'·00E	--	--	41(INT757), 7706(INT706), 7707(INT707)

4. A yellow coloured data buoy with 3.1m height mast carrying sensor, laid in the following position:

Triton18	01° 36'·18S 90° 25'·30E.	1.8m	FL.Y.3s	7707(INT707)
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* Indicates new or revised entries.

4. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

5. **Former INM 225(T)/11 is cancelled.**

SECTION – IV
MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

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

(Source - NAVAREA VIII Warning 305/08)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9910891631, 9810705062 Email: ravipani@indiatimes.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736756, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in

SECTION – V
NAVAREA - VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings Inforce as on 30 Nov 11.

2011 SERIES - 086 146 225 228 256 299 325 343 346 368 372 409 442 500 556 574 589 595
596 604 609 611 617 636 645 647 652 653 654 656 660 661 662 663 667 668 669 670 671
672 673 674 675 676

3. NAVAREA VIII Warnings issued during the period from 16 Nov to 30 Nov 11 (both dates inclusive) are as tabulated below:-

<p>646. Andaman Sea - Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706 INT 71. Firing practice by naval coast battery between 0730 UTC to 0900 UTC on 23 Nov 2011 in area bounded by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 11-39.7N</td> <td style="width: 25%;">092-46.3E</td> <td style="width: 25%;">(b) 11-40.6N</td> <td style="width: 25%;">092-47.0E</td> </tr> <tr> <td>(c) 11-37.8N</td> <td>092-57.1E</td> <td>(d) 11-30.4N</td> <td>092-48.9E</td> </tr> </table> <p>2. Safe flying height 9000 metres. 3. Cancel this MSG 231000 UTC Nov 11.</p>	(a) 11-39.7N	092-46.3E	(b) 11-40.6N	092-47.0E	(c) 11-37.8N	092-57.1E	(d) 11-30.4N	092-48.9E																						
(a) 11-39.7N	092-46.3E	(b) 11-40.6N	092-47.0E																											
(c) 11-37.8N	092-57.1E	(d) 11-30.4N	092-48.9E																											
<p>647. Andaman Sea – Rutland Island. Charts 41 405 473 4030 INT 71 INT 73 INT 706. Rutland light in position 11-20.70N 92-36.70E unlit. 2. Caution advised.</p>																														
<p>648. India West Coast – Mormugao. Chart 22 215 257 293 INT 705 INT 706. Firing practice by naval aircraft between 0300 UTC to 0730 UTC and 1000 UTC to 1200 UTC from 22 Nov to 25 Nov 11. Danger area bounded by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 15-44N 72-54E</td> <td style="width: 25%;">(b) 15-53N 73-12E</td> </tr> <tr> <td>(c) 14-58N 73-38E</td> <td>(d) 14-50N 73-19E</td> </tr> </table> <p>2. Safe flying height 11000 metres. 3. Cancel this MSG 251300 UTC Nov 11.</p>	(a) 15-44N 72-54E	(b) 15-53N 73-12E	(c) 14-58N 73-38E	(d) 14-50N 73-19E																										
(a) 15-44N 72-54E	(b) 15-53N 73-12E																													
(c) 14-58N 73-38E	(d) 14-50N 73-19E																													
<p>649. India West Coast – Azhikod. Charts 22 32 220 259 INT 706. Azhikod DGPS station will remain off air from 0130 UTC to 1030 UTC on 21 Nov 11. 2. Caution advised. 3. Cancel this MSG 211130 UTC Nov 11.</p>																														
<p>650. India East Coast- Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by naval coast battery from position 13-07.02N 080-18.01E from 0530 UTC to 0730 UTC on 25 Nov 2011. 2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position. 3. Safe flying height 12800 metres. 4. Cancel this MSG 250830 UTC Nov 11.</p>																														
<p>651. Bay of Bengal-Northern Portion. Charts 31 32 INT 71 INT 73. Firing practice by naval ships between 0300 UTC and 0830 UTC on 26 Nov and 27 Nov 11 in area bounded by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 16-09.0N</td> <td style="width: 25%;">083-59.0E</td> <td style="width: 25%;">(b) 15-26.5N</td> <td style="width: 25%;">084-44.0E</td> </tr> <tr> <td>(c) 14-38.0N</td> <td>084-07.5E</td> <td>(d) 15-20.0N</td> <td>083-24.0E</td> </tr> </table> <p>2. Safe flying height 10000 metres. 3. Cancel this MSG 270930 UTC Nov 11.</p>	(a) 16-09.0N	083-59.0E	(b) 15-26.5N	084-44.0E	(c) 14-38.0N	084-07.5E	(d) 15-20.0N	083-24.0E																						
(a) 16-09.0N	083-59.0E	(b) 15-26.5N	084-44.0E																											
(c) 14-38.0N	084-07.5E	(d) 15-20.0N	083-24.0E																											
<p>652. India East Coast - Bay of Bengal. Charts 31 32 33 41 354 355 356 391 403 473 INT 71 INT 73 INT 706. Rig list . Correct at 181003 UTC Nov 11</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">DISCOVERER SEVEN SEAS</td> <td style="width: 25%;">19-56.10N</td> <td style="width: 25%;">088-15.50E</td> </tr> <tr> <td>DHIRUBHAI DEEPWATER KG-1</td> <td>13-12.54N</td> <td>095-22.36E</td> </tr> <tr> <td>HERCULES 258</td> <td>16-44.23N</td> <td>082-23.68E</td> </tr> <tr> <td>MG HULME JR</td> <td>16-35.73N</td> <td>082-27.04E</td> </tr> <tr> <td>SAGAR BHUSHAN</td> <td>16-15.30N</td> <td>082-10.69E</td> </tr> <tr> <td>SAGAR VIJAY</td> <td>17-32.99N</td> <td>083-29.43E</td> </tr> <tr> <td>DEEP DRILLER-1</td> <td>16-40.12N</td> <td>082-25.74E</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>17-53.60N</td> <td>084-56.73E</td> </tr> <tr> <td>ABAN II</td> <td>17-02.43N</td> <td>082-21.85E</td> </tr> <tr> <td>SAGAR JYOTI</td> <td>16-11.87N</td> <td>081-44.83E</td> </tr> </table>	DISCOVERER SEVEN SEAS	19-56.10N	088-15.50E	DHIRUBHAI DEEPWATER KG-1	13-12.54N	095-22.36E	HERCULES 258	16-44.23N	082-23.68E	MG HULME JR	16-35.73N	082-27.04E	SAGAR BHUSHAN	16-15.30N	082-10.69E	SAGAR VIJAY	17-32.99N	083-29.43E	DEEP DRILLER-1	16-40.12N	082-25.74E	PLATINUM EXPLORER	17-53.60N	084-56.73E	ABAN II	17-02.43N	082-21.85E	SAGAR JYOTI	16-11.87N	081-44.83E
DISCOVERER SEVEN SEAS	19-56.10N	088-15.50E																												
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ABAN II	17-02.43N	082-21.85E																												
SAGAR JYOTI	16-11.87N	081-44.83E																												

652. Continued.	DEEP SEA MATDRILL	16-16.22N	081-43.00E
	Wide berth requested.		
2.	Cancel NAVAREA VIII 638/11.		
653. India West Coast – Off Mangalore.	Charts 21 217 258 293 2002 2052 INT 71 INT 706. Hydrographic survey will be carried out from 251830 UTC Nov 11 to 051830 UTC Dec 11 in area bounded by		
	Approach Channel		
(a)	12-55.90N	074-48.00E	(b) 12-55.05N 074-44.00E
(c)	12-54.40N	074-44.00E	(d) 12-55.15N 074-48.00E
	New Mangalore Port Area		
(e)	12-54.80N	074-48.00E	(f) 12-54.80N 074-50.00E
(g)	12-56.40N	074-50.00E	(h) 12-56.40N 074-48.00E
2.	Caution advised.		
3.	Cancel this MSG 051930 UTC Dec 11.		
654. Cancel NAVAREA VIII 640/11. Andaman Sea – off Central Andaman.	Charts 41 472 INT 71 INT 706. Survey vessel Geo Hindsagar will carry out 2D seismic survey operations in area bounded by		
(a)	From 131831 UTC 181829 UTC Nov 11		
(i)	10-30N 094-30E	(ii)	10-30N 095-10E
(iii)	10-00N 095-10E	(iv)	10-00N 094-30E
(b)	From 181831 UTC 221829 UTC Nov 11		
(i)	13-00N 094-50E	(ii)	13-00N 095-30E
(iii)	12-30N 095-30E	(iv)	12-00N 094-50E
(c)	From 221930 UTC 301829 UTC Nov 11		
(i)	14-20N 090-30E	(ii)	13-50N 090-30E
(iii)	13-50N 090-10E	(iv)	13-20N 090-10E
(v)	13-20N 090-30E	(vi)	12-50N 090-30E
(vii)	12-50N 091-10E	(viii)	13-20N 091-10E
(ix)	13-20N 091-30E	(x)	13-50N 091-30E
(xi)	13-50N 091-20E	(xii)	14-20N 091-20E
2.	The vessel will be towing one streamer cable of 8100 metres length about 07 metres below the sea surface . End is marked with yellow coloured tail buoy with flashing white light.		
3.	Wide berth of 07 NM around the vessel requested.		
4.	Cancel this MSG 301930 UTC Nov 11.		
655. NAVAREA VIII-messages in force as on 181004 UTC Nov 11	2011 Series - 086 146 225 228 256 299 325 330 343 346 368 372 374 409 442 500 556 574 589 595 596 604 609 611 617 618 625 628 629 636 641 645 646 647 648 649 650 651 652 653 654		
(a)	NAVAREA VIII warnings less than 42 days old (086/11 onward) are promulgated via SafetyNET.		
(b)	Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in		
(c)	Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.		
2.	Cancel this MSG on 250959 UTC Nov 11.		
656. Cancel NAVAREA VIII 648/11. India West Coast – Mormugao.	Chart 22 215 257 293 INT 705 INT 706 . Firing practice by naval aircraft between 0300 UTC to 0730 UTC and 1000 UTC to 1200 UTC from 29 Nov 11 to 01 Dec 11 . Danger area bounded by		
(a)	15-44N 72-54E	(b)	15-53N 73-12E
(c)	14-58N 73-38E	(d)	14-50N 73-19E
2.	Safe flying height 11000 metres.		
3.	Cancel this MSG 011300 UTC Dec11.		
657. Western Indian Ocean – Off Kenya.	Charts INT 71 INT 72 INT 701. M/V attacked in position 04-04S 043-02E at 210536 UTC Nov 11.		
2.	Caution advised.		
3.	Cancel this MSG 240536 UTC Nov 11.		
658. India East Coast- Bay of Bengal.	Charts 31 351 352 353 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex from 0200 UTC to 0600 UTC on 29 Nov 11 and from 0100 UTC to 0200 UTC on 30 Nov 11. Danger zone bounded by		
(a)	20-47.65N	087-01.76E	(b) 19-57.27N 086-56.34E
(c)	19-34.82N	086-22.41E	(d) 14-31.39N 088-12.83E
(e)	14-47.91N	089-18.50E	(f) 15-14.94N 090-20.50E

658. Continued.
(g) 20-17.19N 088-26.27E (h) 20-13.89N 087-44.89E (j) 20-49.24N 087-06.42E
2. Caution advised.
3. Cancel this MSG 300300 UTC Nov 11.
659. Cancel NAVAREA VIII 374/11 and this MSG. INM 257/11 refers.
660. Cancel NAVAREA VIII 658/11. India East Coast- Bay of Bengal. Charts 31 351 352 353 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex from 0330 UTC to 0730 UTC on 01 Dec 11 and from 0330 UTC to 0500 UTC on 02 Dec 11. Danger zone bounded by
(a) 20-47.65N 087-01.76E (b) 19-57.27N 086-56.34E (c) 19-34.82N 086-22.41E (d) 14-31.39N 088-12.83E (e) 14-47.91N 089-18.50E (f) 15-14.94N 090-20.50E (g) 20-17.19N 088-26.27E (h) 20-13.89N 087-44.89E (j) 20-49.24N 087-06.42E
2. Caution advised.
3. Cancel this MSG 020600 UTC Dec 11.
661. India West Coast – Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706. Firing practice by Naval aircraft between 0230 UTC to 1230 UTC from 01 Dec to 07 Dec 2011. Danger area bounded by
(a) 15-13N 073-57E (B) 15-13N 073-52E (c) 15-11N 073-52E (D) 15-11N 073-57E
2. Safe flying height 3500 metres.
3. Cancel this MSG 071330 UTC Dec 11.
662. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing practice in position 13-50.00N 081-40.00E between 0230 UTC to 1130 UTC from 01 Dec to 07 Dec 2011 and 15 Dec to 21 Dec 2011.
2. Danger zone 05 NM radius around firing position.
3. Safe flying height 3500 metres.
4. Cancel this MSG 211230 UTC Dec 11.
663. India East Coast – off Vishakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Firing practice by naval ships from 0930 UTC to 1230 UTC on 30 Nov 02 Dec and 04 Dec 2011 in area bounded by
(a) 17-41.30N 083-17.20E (b) 17-46.25N 083-25.50E (c) 17-39.60N 083-29.80E (d) 17-34.50N 083-21.60E
2. Safe flying height 3000 metres.
3. Cancel this MSG 041330 UTC Dec 11.
664. India East Coast – Off Paradip. Charts 31 352 353 INT 71 INT 706. Partly submerged black colour dinghy (length 06 metres approx) reported adrift in vicinity 19-41.63N 086-15.62E.
2. Cancel this MSG 271134 UTC Nov 11.
665. NAVAREA VIII-messages in force as on 251001 UTC Nov 11.
2011 SERIES - 086 146 225 256 299 325 330 343 346 368 372 409 442 500 556 574 589 595 596 604 609 611 617 636 645 647 651 652 653 654 656 660 661 662 663 664
(a) NAVAREA VIII warnings less than 42 days old (086/11 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Text of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.
2. Cancel this MSG on 020959 UTC Dec 11.
666. Western Indian Ocean – Off Somalia. Piracy. Charts INT 71 INT 72 INT 701. Possible mothership activity in position 02-52S 048-37E at 261010 UTC Nov 11.
2. Vessels are advised to keep 100 miles clear of this position and to exercise extreme caution.
3. Cancel this MSG 291010 UTC Nov 11.
667. Arabian Sea – Off Cape Comorin. Charts 22 32 261 INT 71 INT 706. Unmanned white coloured cargo vessel MSV Ave Maria/TTN 227 (wooden hull and green superstructure length 32 metres approx) reported adrift. Last known position 07-01N 076-24E.
2. Cancel this MSG 010500 UTC Dec 11.
668. India East Coast – Krishnapatnam. Charts 31 32 33 356 391 INT 71. Krishnapatnam DGPS off air.
2. Caution advised.
669. India West Coast – Mumbai. Charts 21 211 2015 2016 INT 705 INT 706. Firing will be carried out on 02 Dec 2011 from 1330 UTC to 1530 UTC in area bounded by
(a) 18-54.23N 072-54.62E (b) 18-54.23N 072-53.03E (c) 18-53.25N 072-54.67E (d) 18-53.19N 072-53.00E
2. Cancel this MSG 021630 UTC Dec 11.

<p>670. Western Indian Ocean – Off Somalia. Piracy. Charts INT 71 INT 72 INT 701. Possible mothership activity in position 01-20S 049-35E at 271700 UTC Nov 11.</p> <p>2. Vessels are advised to keep 100 miles clear of this position and to exercise extreme caution.</p> <p>3. Cancel this MSG 301700 UTC Nov 11.</p>												
<p>671. India East Coast – Visakhapatnam. Charts 31 32 308 354 391 3002 3012 INT 71 INT 706. Front leading light in position 17-41.60N 083-17.22E and rear leading light in position 17-41.63N 083-16.75E unlit.</p> <p>2. Caution advised.</p>												
<p>672. Cancel NAVAREA VIII 330/11. India West Coast-Karwar. Charts 22 293 2008 2010 INT 705. Spur breakwater light in position 14-45.21N 074-07.37E unlit.</p> <p>2. Port hand buoy in position 14-45.46N 074-07.37E operational.</p> <p>3. Caution advised.</p>												
<p>673. Cancel NAVAREA VIII 665/11. NAVAREA VIII-messages in force as on 291003 UTC Nov 11. 2011 Series - 086 146 225 228 256 299 325 343 346 368 372 409 442 500 556 574 589 595 596 604 609 611 617 636 645 647 652 653 654 656 660 661 662 663 667 668 669 670 671 672</p> <p>(a) NAVAREA VIII warnings less than 42 days old (595/11 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in. (c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG on 020959 UTC Dec 11.</p>												
<p>674. India West Coast – Cheriyakara Island. Charts 22 268 273 INT 72 INT 71. Suhelipar light in position 10-02.30N 072-17.00E unlit.</p> <p>2. Caution advised.</p>												
<p>675. India West Coast – Mangrol. Charts 21 205 206 252 253 292 INT 71. Mangrol light in position 21-06.50N 070-06.30E unlit.</p> <p>2. Caution advised.</p>												
<p>676. Andaman Sea – Off North Andaman Island. Charts 41 472 INT 71 INT 72. Survey vessel Geo Hindsagar will carry out 2D seismic survey operations from 301830 UTC Nov to 171830 UTC Dec 11 in area bounded by</p> <table border="0"> <tr> <td>(i) 14-20N 090-30E</td> <td>(ii) 13-50N 090-30E</td> </tr> <tr> <td>(iii) 13-50N 090-10E</td> <td>(iv) 13-20N 090-10E</td> </tr> <tr> <td>(v) 13-20N 090-30E</td> <td>(vi) 12-50N 090-30E</td> </tr> <tr> <td>(vii) 12-50N 091-10E</td> <td>(viii) 13-20N 091-10E</td> </tr> <tr> <td>(ix) 13-20N 091-30E</td> <td>(x) 13-50N 091-30E</td> </tr> <tr> <td>(xi) 13-50N 091-20E</td> <td>(xii) 14-20N 091-20E</td> </tr> </table> <p>2. The vessel will be towing one streamer cable of 8100 metres length about 07 metres below the sea surface . End is marked with yellow coloured tail buoy with flashing white light.</p> <p>3. Wide berth of 07 NM around the vessel requested.</p> <p>4. Cancel this MSG 171930 UTC Dec 11.</p>	(i) 14-20N 090-30E	(ii) 13-50N 090-30E	(iii) 13-50N 090-10E	(iv) 13-20N 090-10E	(v) 13-20N 090-30E	(vi) 12-50N 090-30E	(vii) 12-50N 091-10E	(viii) 13-20N 091-10E	(ix) 13-20N 091-30E	(x) 13-50N 091-30E	(xi) 13-50N 091-20E	(xii) 14-20N 091-20E
(i) 14-20N 090-30E	(ii) 13-50N 090-30E											
(iii) 13-50N 090-10E	(iv) 13-20N 090-10E											
(v) 13-20N 090-30E	(vi) 12-50N 090-30E											
(vii) 12-50N 091-10E	(viii) 13-20N 091-10E											
(ix) 13-20N 091-30E	(x) 13-50N 091-30E											
(xi) 13-50N 091-20E	(xii) 14-20N 091-20E											

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

West Coast of India Pilot (INP-1)

Chapter -7 (Page – 232)

(Source: Mumbai Port Trust)

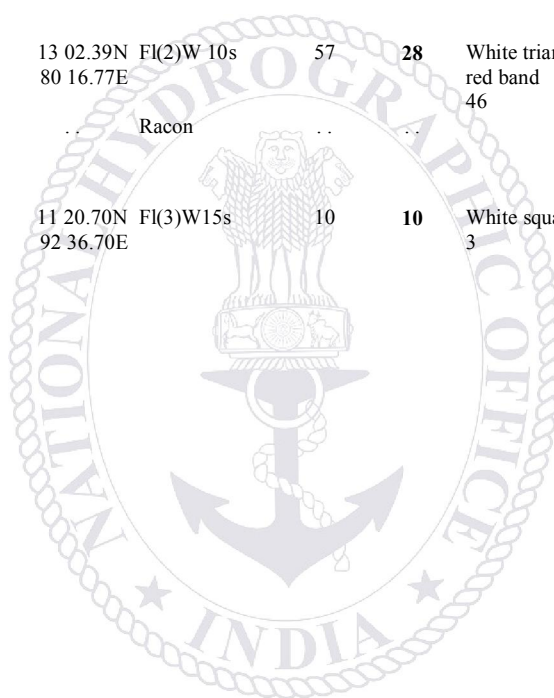
Article 7.222

Insert new para at the end of para 9

10 **Precautionary Areas (A) and (B)** have been established in the channel as shown on chart 2015(INT7337). Traffic crossing between vessels entering and leaving Naval Dockyard and Indira Dock and vessels discharging and loading at oil terminal is likely to be encountered in these areas respectively.

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F0636.2	- Karwar Harbour. Anjadip Island. E Head	14 45.21N 74 07.37E	Fl W 5s	..	..	..	TE 2011 *
F0718	- Vilinjam	8 22.89N 76 58.82E	Fl W 15s	57	31	White round masonry tower, red bands 36	fl 0.5
--		..	Racon	..	..	..	ILRS Vol 2 Station 79093 TR 2011 *
F0756	Cheriyakara Island	10 02.30N 72 17.00E	Fl(2)W 20s	36	19	White metal column, red bands 37	Vis 207°-199° (352°). TE 2011
-		..	Racon	..	..	..	ILRS Vol 2 Station 79070 TR 2011 *
F0936	- Madras (Chennai)	13 02.39N 80 16.77E	Fl(2)W 10s	57	28	White triangular tower, red band 46	fl 0.3, ec 2.2, fl 0.3, ec 7.2
--		..	Racon	..	..	..	ILRS Vol 2 Station 79135 On trial 2011 *
F1211	Rutland light	11 20.70N 92 36.70E	Fl(3)W15s	10	10	White square tower 3	TE 2011 *



SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 18 dated 16 Sep 2011)

NIL

INP 31(5), 1997

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

NIL

INP 31(6), 2005

(Last correction: Edition No. 19 dated 01 Oct 2011)

Page 85, **INDIA Section, Hazira Pilots and Reliance SPM Offshore Terminal**
PROCEDURE, para (3)
Insert text at the end of line 1
"in position 21° 05'.96N, 72° 34'.25E"

Page 85, **INDIA Section, Hazira Pilots and LNG Terminal**
Delete TELEPHONE and replace
TELEPHONE: Operators (Office): +91 79 30011100
Operators (Terminal): +91 261 3051149 (HM)
+91 261 3051151 (Pilot 1)
+91 261 3051081 (Pilot 2)

Page 85, **INDIA Section, Hazira Pilots and LNG Terminal**
PROCEDURE, para (3), line 1
Delete text "(21° 00'.05N, 72° 35'.5E)." and replace by "in position 20° 54' N, 72° 35'E and pilot boarding position for other vessels bound inside Tapi river is inside General Lighterage Area in position 21° 00'.05N, 72° 35'.5E"
(Source - HPPL)

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

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