



INDIAN NOTICES TO MARINERS



EDITION NO. 12 DATED 16 JUN 2012

(CONTAINS NOTICES 144 TO 152)

REACH US 24 x 7



in的角度@nic.in
msis-的角度@nic.in



+91-135-2748373



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



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

WWW

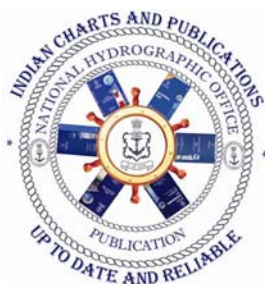
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

FEEDBACK: msis-的角度@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

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

-Nil-

2. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
207	DIU HEAD TO GOPINATH POINT	1,50,000	New Edition
3009	KAKINADA PORT : APPROACHES TO KAKINADA	60,000	New Edition
	KAKINADA ANCHORAGE	25,000	New Edition
2086	APPROACHES TO PORT LOUIS	37,500	New Edition
	PORT LOUIS	12,500	New Edition
2011	JAIGARH HARBOUR	25,000	New Edition
3039	KATTUPALLI PORT	12,500	New Edition
2045	PORT OF KOCHI	7,500	New Edition
2004	KOCHI HARBOUR	25,000	New Edition
2029	APPROACHES TO KOCHI	60,000	New Edition

Availability of ENC_s.

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

The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in	Director, M/s JEPPESEN Norway AS PO Box 212 N-4379 Egersund Norway Tel: +47-51- 464 700 Fax: +47-51-464 701 Mob : +91-9322 238 542 Email: enc@jeppesen.com, info@c-map.co.in Website: www.jeppesen.com
United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk	Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-gerry.larsson-fedde@statkart.no Website: - www.primar.org

SECTION – I

The lists of charts affected by the Notices 144 to 152 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	148
21	2	149(T)
22(INT752)	3	149(T)
23	1	149(T)
31	5	150(T), 151(T)
32(INT754)	5	149(T), 150(T), 151(T)
33	5	150(T), 151(T)
41(INT757)	6	151(T)
214	3	149(T)
215	3	149(T)
220	3	145
221	3	149(T)
253(INT7328)	2	149(T)
257(INT7343)	3	149(T)
259(INT7356)	3	149(T)
260(INT7362)	3	149(T)
261	4	149(T)
262	4	149(T)
263(INT7383)	4	149(T)
272	4	149(T)
288	1	148
289	1	148
292(INT7021)	2	149(T)
293(INT7022)	3	149(T)
308	5	150(T)
352(INT7416)	5	150(T)
354(INT7408)	5	150(T)
355(INT7405)	5	150(T)
357(INT7397)	5	150(T)
391	5	150(T)
404	6	147, 151(T)
405	6	147, 151(T)
409	6	147
472(INT7032)	6	147, 151(T)
473(INT7031)	6	147, 151(T)
2004(INT7359)	3	145
2013	2	144
2029(INT7358)	3	145
2031	2	144
2074	2	152(T)
2077	3	152(T)
3002(INT7410)	5	146
3012(INT7411)	5	146
4006	6	147

CHART NUMBER	FOLIO NO.	NOTICE NO.
4012	6	147
4013	6	147
4015	6	147
4016	6	147
4035	6	147
4039	6	147
7706(INT706)	1	151(T)
7707(INT707)	1	151(T)



SECTION – II
PERMANENT NOTICES

***144/(12/12) INDIA – WEST COAST – Port Of Okha – Buoys.**

Source: Port Officer Okha

Chart 2013 [previous update 278/10]







Insert		No 2	22° 29′.41N., 69° 05′.62E.
		No 3	22° 29′.02N., 69° 05′.47E.
		No 2	22° 29′.11N., 69° 05′.39E.
		No 3	22° 29′.00N., 69° 05′.33E.
Move		No 1, from:	22° 30′.70N., 69° 05′.20E.
	to:		22° 30′.62N., 69° 05′.31E.
		No 1, from:	22° 30′.28N., 69° 03′.57E.
	to:		22° 30′.28N., 69° 03′.59E.

Chart 2031 [previous update NE 15 Feb 11]

Insert		No 2	22° 29′.41N., 69° 05′.62E.
		No 3	22° 29′.02N., 69° 05′.47E.
		No 2	22° 29′.11N., 69° 05′.39E.
		No 3	22° 29′.00N., 69° 05′.33E.
Move		No 1, from:	22° 30′.70N., 69° 05′.20E.
	to:		22° 30′.62N., 69° 05′.31E.

Former INM 281(T)/10 is cancelled.

***145(12/12) INDIA – WEST COAST – Kochi (Cochin) Harbour – Anchorage Area. Legend**

Source: HQSNC (Navy).

Chart 2004 (INT 7359) [previous update 099/12]


Insert	limit of anchorage area  joining:	(a)	09° 55′.19N., 76° 08′.55E.
		(b)	09° 55′.19N., 76° 09′.55E.
		(c)	09° 54′.19N., 76° 09′.55E.
		(d)	09° 54′.19N., 76° 08′.55E.
	legend, “Examination Anchorage”, within:	(a)- (d) above	

Chart 2029 (INT 7358) [previous update 128/12]



Insert	limit of anchorage area  joining:	(a)	09° 55′.19N., 76° 08′.55E.
		(b)	09° 55′.19N., 76° 09′.55E.
		(c)	09° 54′.19N., 76° 09′.55E.
		(d)	09° 54′.19N., 76° 08′.55E.
	legend, “Examination Anchorage”, within:	(a)- (d) above	

Chart 220 [previous update 128/12]

Insert	limit of anchorage area  joining:	(a)	09° 55′.10N., 76° 08′.60E.
		(b)	09° 55′.10N., 76° 09′.60E.
		(c)	09° 54′.10N., 76° 09′.60E.
		(d)	09° 54′.10N., 76° 08′.60E.
	legend, “Examination Anchorage”, within:	(a)- (d) above	

***146/(12/12) INDIA – EAST COAST – Visakhapatnam Harbour – Anchorage Area. Legend**

Source: IHQMoD (Navy).

Chart 3002 (INT 7410) [previous update 034/12]

Insert limit of anchorage area ,-----⚓-----, joining: (a) 17° 42′.36N.,83° 19′.59E.
 (b) 17° 42′.36N.,83° 20′.89E.
 (c) 17° 41′.58N.,83° 20′.54E.
 (d) 17° 41′.58N.,83° 19′.99E.

legend, “Examination Anchorage” , within: (a) – (d) above

Chart 3012 (INT 7411) [previous update 280/11]

Insert limit of anchorage area ,-----⚓-----, joining: (a) 17° 42′.30N.,83° 19′.70E.
 (b) 17° 42′.30N.,83° 21′.00E.
 (c) 17° 41′.52N.,83° 20′.65E.
 (d) 17° 41′.52N.,83° 20′.10E.

legend, “Examination Anchorage” , within: (a) – (d) above

***147/(12/12) INDIA – ANDAMAN SEA – Andaman Islands – Lights.**

Source: PMB, Andaman & Nicobar Islands.

Chart 472 (INT 7032) [previous update 051/11]

Amend light to, Fl.(2)10s45m6M 06° 59′.19N.,93° 55′.60E. [WGS 84 Datum]

Chart 473 (INT 7031) [previous update 079/11]

Amend range of light to, 10M 11° 40′.90N.,92° 45′.99E. [WGS 84 Datum]
 light to, Fl.5s8m10M 12° 02′.90N.,92° 58′.00E.

Chart 404 [previous update 286/10]

Amend range of light to, 10M 11° 40′.90N.,92° 45′.99E. [WGS 84 Datum]
 range of light to, 10M 11° 41′.43N.,92° 44′.65E. [WGS 84 Datum]
 light to, Fl.5s8m10M 12° 02′.90N.,92° 58′.00E.

Chart 405 [previous update 060/11]

Amend range of light to, 10M 11° 40′.90N.,92° 45′.99E. [WGS 84 Datum]
 range of light to, 10M 11° 41′.43N.,92° 44′.65E. [WGS 84 Datum]

Chart 409 [previous update 065/12]

Amend light to, Fl.(2)10s45m6M 06° 59′.19N.,93° 55′.60E. [WGS 84 Datum]

Chart 4016 [previous update NE 31 Oct 2010]

Amend light to, Fl.15s12m10M 11° 40′.90N.,92° 45′.99E.
 range of light to, 10M 11° 41′.43N.,92° 44′.65E.

Chart 4015 [previous update 061/11]

Amend light to, Fl.5s8m10M 12° 02′.90N.,92° 58′.00E.

Chart 4013 [previous update 061/11]

Amend light to, Fl.5s8m10M 12° 02′.90N.,92° 58′.00E.

Chart 4013 (PLAN – LACAM HARBOUR) [previous update 061/11]

Amend light to, Fl.5s8m10M 12° 02′.90N.,92° 58′.00E.

Chart 4035 [previous update 262/11]

Amend light to, Fl.(2)10s45m6M 06° 59′.19N.,93° 55′.60E. [WGS 84 Datum]

Chart 4039 [previous update 280/11]

Amend light to, Fl.(2)10s45m6M 06° 59′.19N.,93° 55′.60E.

Chart 4006 [previous update 098/10]

Amend range of light to, 10M 11° 40′.90N.,92° 45′.99E.
 range of light to, 10M 11° 41′.43N.,92° 44′.65E.

147/(12/12) INDIA – ANDAMAN SEA – Andaman Islands –Lights. Continued.*Chart 4012** [previous update 098/10]

Amend range of light to, 10M

11° 41′.43N., 92° 44′.65E.

148/(12/12) UNITED ARAB EMIRATES – Strait of Hormuz to Qatar - Lights.

Source: BA Notice 2080/12.

(HJ/1132/24)

Chart 20 [previous update 138/12]

Insert ★ Fl.WR.10s20/16M & Fl.G.10s14M

24° 22′.4N., 52° 00′.9E.

Chart 288 [previous update 138/12]

Insert ★ Fl.WR.10s20/16M & Fl.G.10s14M

24° 22′.4N., 52° 00′.9E.

Chart 289 [previous update 066/12]

Insert ★ Fl.WR.10s20/16M & Fl.G.10s14M

24° 22′.4N., 52° 00′.9E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***149(T)/(12/12) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:–

ADCP Mooring	Positions		Depth(in metres)	Charts affected
OMD-4	19° 59'.93N	69° 13'.92E	350	21 – 292(INT7021) – 253(INT7328).
OGD-7	15° 09'.86N	72° 44'.94E	200	22(INT 752) – 293(INT7022) – 214.
OGS-7	15° 12'.10N	72° 59'.10E	170	22(INT752) – 293(INT7022) – 257(INT7343) – 214 – 215.
OBD-1	13° 38'.07N	73° 15'.79E	200	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
OBS-1	13° 52'.09N	73° 24'.49E	165	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
OKD-4	09° 02'.77N	75° 26'.32E	350	22(INT752) – 259(INT7356) – 221.
OXS-4	09° 00'.17N	75° 57'.47E	165	22(INT752) – 32(INT754) – 259(INT7356) – 260(INT7362) – 221.
KKD-3	06° 57'.83N	77° 23'.81E	350	22(INT 752) – 23 – 32(INT 754) – 261 – 263(INT 7383).
SSM-4	08° 48'.89N	79° 11'.61E	77	32(INT 754) – 262.

2. All positions referred to WGS 84 datum.
3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
4. **Former INM 101(T)/12 is cancelled.**

***150(T)/(12/12) INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:–

ADCP Mooring	Positions		Depth(in metres)	Charts affected
BOPS-3	12° 01'.83 N	80° 08'.07 E	90	32(INT754) – 33 – 357(INT7397).
BOPD-3	12° 00'.97 N	80° 12'.28 E	350	32(INT754) – 33 – 357(INT7397).
BOVS-3	17° 49'.04 N	83° 58'.88 E	90	31 – 32(INT754) – 308 – 354(INT7408) – 391.
BOVD2	17° 44'.56 N	84° 00'.99 E	200	308 – 354(INT7408) – 391.
BSVS2	17° 08'.17 N	82° 59'.62 E	90	31 – 32(INT754) – 391 – 354(INT7408)
BOKS-3	16° 17'.45 N	82° 11'.32 E	180	31 – 32(INT754) – 391 – 355(INT7405).
BOKD3	16° 27'.10 N	82° 36'.52 E	350	31 – 32(INT754) – 355(INT7405).
BOGS4	19° 24'.73 N	85° 41'.62 E	170	31 – 352(INT7416).
BOGD4	19° 22'.09 N	85° 47'.23 E	200	31 – 352(INT7416).
BSGS-2	18° 38'.07 N	84° 47'.03 E	90	31 – 352(INT7416).
BNBD-4	19° 03'.80 N	88° 55'.95 E	330	31.

2. All positions referred to WGS 84 datum.
3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.

Former INM 102(T)/12 is cancelled.

***151(T)/(12/12) INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.**

Source: NIOT Chennai, BA Notice – 342/11, MV Samudra Manthan, & NAVAREA VIII - 368/11, NAVAREA XI Coordinator

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 sensors, laid in the following position:

*Triton17	04° 56′.93S 94° 58′.51E.	1.8m	Fl.Y.3s	7707(INT707)
*Triton18	01° 39′.34S 89° 59′.74E.	1.8m	Fl.Y.3s	7707(INT707)

* 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 275(T)/11 is cancelled.**

***152(T)/(12/12) INDIA – WEST COAST – Finolex Port – Ratnagiri – Navigational Buoys.**

Source: Finolex Port, Ratnagiri

1. The Finolex Port at Ratnagiri is closed for shipping movement due to monsoon. The following navigational buoys have been removed from position and shall be installed on opening of port.

Sl No.	Position	Colour	Characteristics
1	16° 53′.05N 73° 17′.10E	Green	Fl.G5s
2	16° 53′.33N 73° 17′.03E	Red	Fl.R5s
3	16° 53′.45N 73° 16′.60E	Yellow	Q.Y

2. **Charts Affected – 2074 - 2077**

SECTION – IV **MARINE INFORMATION**

1. **NAVTEX TRANSMISSION**

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

(Source – DG Shipping)

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

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

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN SOME ECDIS**

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

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

(Source - NAVAREA VIII Warning 141/12)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammappeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings Inforce as on 15 Jun 12.

2011 SERIES – 442 596 708

2012 SERIES – 037 289 290 291 297 299 304 307 309 310 313 315 316 317 320 322 323

3. NAVAREA VIII Warnings issued during the period from 01 Jun to 15 Jun 12 (both dates inclusive) are as tabulated below: –

<p>303. Cancel NAVAREA VIII 294/12. India West Coast – Arabian Sea. Charts 21 22 INT 705. Firing by Naval ships from 041430 UTC to 051230 UTC Jun 12 in area bounded by:</p> <p>(a) 18-23.0N 070-11.5E (b) 18-23.0N 068-47.5E (c) 17-02.0N 068-47.5E (d) 17-02.0N 070-11.5E</p> <p>2. Safe flying height 3000 metres. 3. Cancel this MSG 051330 UTC Jun 12.</p>																																																
<p>304. India West Coast – off Beypore. Charts 22 258 259 268 272 INT 706. Seismic Survey By MV Mezen till 30 Jun 12 in area bounded by:</p> <p>(a) 11-11N 073-40E (b) 11-17N 075-06E (c) 11-31N 075-34E (d) 09-46N 075-20E (e) 09-57N 073-54E</p> <p>2. The vessel will be towing one streamer of length 07 nm. End marked with yellow tail buoy and white flashing light. 3. Wide berth of 7.5 nm astern and 03 nm abeam the vessel requested. 4. Cancel this MSG 010001 UTC Jul 12.</p>																																																
<p>305. NAVAREA VIII – Messages in force as on 011003 UTC Jun 12: 2011 Series: - 442 596 708 2012 Series: - 024 037 091 154 262 263 284 285 286 289 290 291 297 299 300 303 304</p> <p>(a) NAVAREA VIII warnings less than 42 days old (262/12 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 081001 UTC Jun 12.</p>																																																
<p>306. Cancel NAVAREA VIII 24/12, 154/12 and this MSG. INM 132/12 refers.</p>																																																
<p>307. India West Coast – Arabian Sea. Charts 21 22 292 293 INT 705 INT 706. Rig list. Correct at 051002 UTC Jun 12:</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>ABAN ICE</td><td>18-31.91N</td><td>071-21.11E</td></tr> <tr><td>ABAN III</td><td>19-12.36N</td><td>072-11.00E</td></tr> <tr><td>ABAN IV</td><td>19-40.40N</td><td>071-19.38E</td></tr> <tr><td>ABAN VII</td><td>20-21.16N</td><td>071-48.46E</td></tr> <tr><td>BADRINATH</td><td>19-11.16N</td><td>070-39.66E</td></tr> <tr><td>CE THROTON</td><td>19-34.68N</td><td>071-20.08E</td></tr> <tr><td>DEEP SEA FORTUNE</td><td>18-39.66N</td><td>072-13.33E</td></tr> <tr><td>DEEP SEA FOSSIL</td><td>19-33.13N</td><td>071-16.35E</td></tr> <tr><td>DISCOVERY-1</td><td>18-36.16N</td><td>071-01.93E</td></tr> <tr><td>ENERGY DRILLER</td><td>18-46.03N</td><td>071-25.41E</td></tr> <tr><td>FG MC CLINTOK</td><td>19-38.00N</td><td>071-21.73E</td></tr> <tr><td>GREATDRILL CHETNA</td><td>20-44.54N</td><td>071-55.55E</td></tr> <tr><td>GREATDRILL CHITRA</td><td>18-39.50N</td><td>072-12.85E</td></tr> <tr><td>JT ANGEL</td><td>19-36.73N</td><td>071-24.00E</td></tr> <tr><td>KEDARNATH</td><td>20-22.31N</td><td>071-28.48E</td></tr> <tr><td>NOBLE CHARLIE YESTER</td><td>19-18.26N</td><td>071-15.93E</td></tr> </tbody> </table>	ABAN ICE	18-31.91N	071-21.11E	ABAN III	19-12.36N	072-11.00E	ABAN IV	19-40.40N	071-19.38E	ABAN VII	20-21.16N	071-48.46E	BADRINATH	19-11.16N	070-39.66E	CE THROTON	19-34.68N	071-20.08E	DEEP SEA FORTUNE	18-39.66N	072-13.33E	DEEP SEA FOSSIL	19-33.13N	071-16.35E	DISCOVERY-1	18-36.16N	071-01.93E	ENERGY DRILLER	18-46.03N	071-25.41E	FG MC CLINTOK	19-38.00N	071-21.73E	GREATDRILL CHETNA	20-44.54N	071-55.55E	GREATDRILL CHITRA	18-39.50N	072-12.85E	JT ANGEL	19-36.73N	071-24.00E	KEDARNATH	20-22.31N	071-28.48E	NOBLE CHARLIE YESTER	19-18.26N	071-15.93E
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307. Continued.					
NOBLE ED HOLT	18-41.46N		072-20.88E		
RON TAPPEMEYER	19-34.15N		071-25.11E		
SAGAR GAURAV	19-16.81N		072-11.73E		
SAGAR KIRAN	20-51.38N		072-06.20E		
SAGAR LAXMI	18-36.15N		071-01.63E		
SAGAR PRAGATI	18-32.26N		072-15.43E		
SAGAR SHAKTI	19-10.40N		071-26.43E		
SAGAR JYOTI	20-31.60N		071-46.73E		
TRIDENT – 2	19-32.35N		071-20.91E		
TRIDENT – 12	18-39.28N		070-58.85E		
VIRTUE 1	18-37.23N		072-14.93E		
wide berth requested.					
2.	Cancel NAVAREA VIII 285/12.				
308. India East Coast – Bay of Bengal.	Charts 31 32 354 355 357 391 INT 706. Rig list. Correct at 051003 UTC Jun 12:				
ABAN II	16-39.13N		082-22.37E		
DEEP DRILLER-1	16-40.03N		082-27.54E		
DEEP SEA MATDRILL	16-16.38N		081-43.54E		
DHIRUBHAI DEEPWATER KG-1	16-42.50N		082-41.10E		
GSF-140	16-31.38N		082-28.43E		
MG HULME JR	16-35.50N		082-27.09E		
NOBLE DUCHESS	16-16.45N		082-11.36E		
PLATINUM EXPLORER	19-38.39N		086-33.48E		
PERRO NEGRO 3	11-30.12N		079-56.06E		
wide berth requested.					
2.	Cancel NAVAREA VIII 284/12.				
309. Bay of Bengal – Northern Part.	Charts 31 360 361 INT 706. Firing by Bangladesh Navy ships between 0030 UTC and 1730 UTC daily till 30 Jun 12 in following areas:				
<u>Area – A</u>					
(a)	21-20.8N	090-34.0E	(b)	21-41.0N	091-14.0E
(c)	21-20.8N	091-28.0E	(d)	21-00.0N	090-47.8E
<u>Area – B</u>					
(a)	20-46.0N	090-00.0E	(b)	20-58.0N	090-17.0E
(c)	20-40.0N	090-38.0E	(d)	20-28.0N	090-22.0E
<u>Area – D</u>					
(a)	20-07.0N	090-52.0E	(b)	20-22.0N	091-06.0E
(c)	20-00.0N	091-36.0E	(d)	19-44.0N	091-21.0E
<u>Area – D-1</u>					
(a)	20-22.0N	091-06.0E	(b)	20-46.5N	091-31.0E
(c)	20-24.0N	091-59.0E	(d)	20-00.0N	091-36.0E
<u>AREA – E</u>					
(a)	21-18.0N	089-31.0E	(b)	21-18.0N	089-50.0E
(c)	21-04.0N	089-54.0E	(d)	21-04.0N	089-34.0E
<u>AREA – F</u>					
(a)	20-58.0N	089-34.0E	(b)	20-58.0N	089-54.0E
(c)	20-34.0N	089-54.0E	(d)	20-34.0N	089-34.0E
2.	Safe flying heights for Area-B, Area-D and Area-E is 12000 metres and for Area-A, Area-D-1 and Area-F is 3000 metres.				
3.	Cancel this MSG 301830 UTC Jun 12.				
310. Bangladesh – Cox’s Bazar.	Charts 31 319 361 INT 706. Cox’s Bazar light unlit.				
311. Andaman Islands – Duncan Passage.	Charts 41 405 406 473 4030 INT 706. Dynamic trials of 140 mm rocket from 0500 UTC to 1200 UTC on 07 Jun 12 in area bounded by :				
(a)	11-14.9N	092-50.5E	(b)	11-02.2N	092-50.5E
(c)	11-02.2N	092-38.0E	(d)	11-14.9N	092-38.0E
2.	Safe flying height 6000 metres.				
3.	Cancel this MSG 071300 UTC Jun 12.				

<p>312. India East Coast – Bay of Bengal. Charts 31 32 354 355 357 391 INT 706. Rig list. Correct at 071001 UTC Jun 12:</p> <table border="0"> <tr> <td>ABAN II</td> <td>16-39.13N</td> <td>082-22.37E</td> </tr> <tr> <td>DEEP DRILLER-1</td> <td>16-40.03N</td> <td>082-27.54E</td> </tr> <tr> <td>DEEP SEA MATDRILL</td> <td>16-16.38N</td> <td>081-43.54E</td> </tr> <tr> <td>DHIRUBHAI DEEPWATER KG-1</td> <td>16-42.50N</td> <td>082-41.10E</td> </tr> <tr> <td>GSF-140</td> <td>16-31.38N</td> <td>082-28.43E</td> </tr> <tr> <td>MG HULME JR</td> <td>16-35.50N</td> <td>082-27.09E</td> </tr> <tr> <td>NOBLE DUCHESS</td> <td>16-16.45N</td> <td>082-11.36E</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>19-32.02N</td> <td>086-16.83E</td> </tr> <tr> <td>PERRO NEGRO 3</td> <td>11-30.12N</td> <td>079-56.06E</td> </tr> </table> <p>wide berth requested.</p> <p>2. Cancel NAVAREA VIII 308/12.</p>	ABAN II	16-39.13N	082-22.37E	DEEP DRILLER-1	16-40.03N	082-27.54E	DEEP SEA MATDRILL	16-16.38N	081-43.54E	DHIRUBHAI DEEPWATER KG-1	16-42.50N	082-41.10E	GSF-140	16-31.38N	082-28.43E	MG HULME JR	16-35.50N	082-27.09E	NOBLE DUCHESS	16-16.45N	082-11.36E	PLATINUM EXPLORER	19-32.02N	086-16.83E	PERRO NEGRO 3	11-30.12N	079-56.06E
ABAN II	16-39.13N	082-22.37E																									
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PLATINUM EXPLORER	19-32.02N	086-16.83E																									
PERRO NEGRO 3	11-30.12N	079-56.06E																									
<p>313. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing between 0230 UTC and 1130 UTC from 15 Jun to 21 Jun 12.</p> <p>2. Danger zone 05 nm radius around 13-50N 081-40E.</p> <p>3. Safe flying height 3500 metres.</p> <p>4. Cancel this MSG 211230 UTC Jun 12.</p>																											
<p>314. NAVAREA VIII – Messages in force as on 081002 UTC Jun 12: 2011 Series: - 442 596 708 2012 Series: - 037 091 263 289 290 291 297 299 304 307 309 310 312 313</p> <p>(a) NAVAREA VIII warnings less than 42 days old (263/12 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 151001 UTC Jun 12.</p>																											
<p>315. India West Coast – Gulf of Khambhat. Charts 21 208 254 2044 INT 705. Significantly less water than charted reported 21-24.9N 072-20.4E</p>																											
<p>316. India West Coast – off Ratnagiri. Charts 22 256 293 2074 2077 INT 705. Navigational buoy 16-53.05N 073-17.10E, 16-53.38N 073-17.03E and 16-53.45N 073- 16.60E temporarily removed.</p>																											
<p>317. India West Coast – Gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Vessel broken her anchor/cable in the position:</p> <table border="0"> <tr> <td>Vessel</td> <td>Position</td> <td></td> </tr> <tr> <td>MV OLEMARE</td> <td>21-40.40N</td> <td>072-24.60E</td> </tr> </table> <p>2. Caution advised.</p>	Vessel	Position		MV OLEMARE	21-40.40N	072-24.60E																					
Vessel	Position																										
MV OLEMARE	21-40.40N	072-24.60E																									
<p>318. Cancel NAVAREA VIII 91/12 and this MSG.</p>																											
<p>319. India West Coast – Arabian Sea. Charts 21 22 292 INT 705. Firing by Naval ships from 120230 UTC to 131630 UTC Jun 12 in area bounded by:</p> <table border="0"> <tr> <td>(a) 18-23N 070-11.5E</td> <td>(b) 18-23N 068-47.5E</td> </tr> <tr> <td>(c) 17-02N 068-47.5E</td> <td>(d) 17-02N 070-11.5E</td> </tr> </table> <p>2. Safe flying height 3000 metres.</p> <p>3. Cancel this MSG 131730 UTC Jun 12.</p>	(a) 18-23N 070-11.5E	(b) 18-23N 068-47.5E	(c) 17-02N 068-47.5E	(d) 17-02N 070-11.5E																							
(a) 18-23N 070-11.5E	(b) 18-23N 068-47.5E																										
(c) 17-02N 068-47.5E	(d) 17-02N 070-11.5E																										
<p>320. India West Coast – Trivandrum. Charts 22 32 222 260 INT 706. RH 200 rocket launch from Thumba Equatorial Rocket Launching station 08-31.98N 076-52.05E between 0500 UTC to 0700 UTC on 20 Jun 12.</p> <p>2. Danger zones: (a) Sector of radius 05 nm from launcher between azimuth angles 190 degree and 300 degree (b) Sector of radii 45 nm and 75 nm from the launcher between azimuth angles 220 degree and 260 degree</p> <p>3. CANCEL THIS MSG 200800 UTC JUN 12</p>																											
<p>321. Tanzania East Coast – off Dar-Es-Salaam. Charts INT 70 INT 71 INT 72 INT 701. Military exercise till 150500 UTC Jun 12.</p> <p>2. Danger area 05 nm radius around 06-45S 039-25E.</p> <p>3. Caution advised.</p> <p>4. CANCEL THIS MSG 150600 UTC JUN 12</p>																											

322. India East Coast – Bay of Bengal. Charts 31 32 33 41 354 355 357 391 INT 706. Rig list. Correct at 151001 UTC Jun 12:

ABAN II	16-39.13N	082-22.37E
DEEP DRILLER-1	16-40.03N	082-27.54E
DEEP SEA MATDRILL	16-16.38N	081-43.54E
DHIRUBHAI DEEPWATER KG-1	12-22.75N	093-26.16E
GSF-140	16-31.38N	082-28.43E
MG HULME JR	16-35.50N	082-27.09E
NOBLE DUCHESS	16-16.45N	082-11.36E
PLATINUM EXPLORER	19-32.02N	086-16.83E
PERRO NEGRO 3	11-30.12N	079-56.06E

wide berth requested.

2. Cancel NAVAREA VIII 312/12.

323. NAVAREA VIII – Messages in force as on 151002 UTC Jun 12:

2011 Series: - 442 596 708

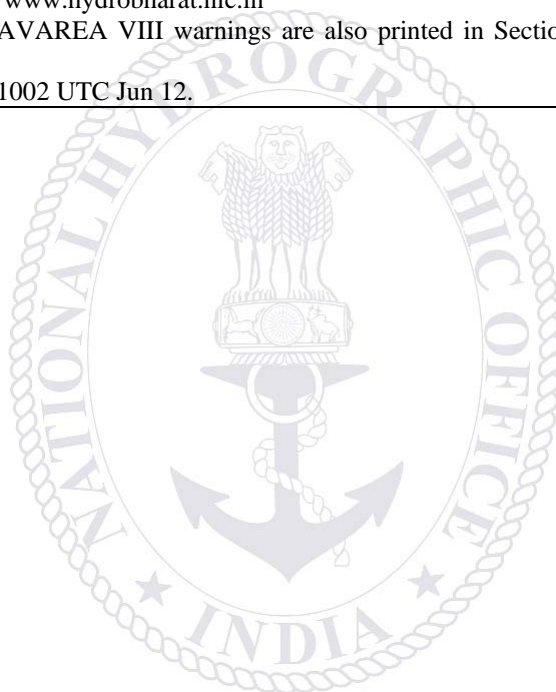
2012 Series: - 037 289 290 291 297 299 304 307 309 310 313 315 316 317 320 322

(a) NAVAREA VIII warnings less than 42 days old (289/12 onward) are promulgated via SafetyNET.

(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in

(c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.

2. Cancel this MSG 221002 UTC Jun 12.



6.1

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)

NIL

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 18 dated 16 Sep 11)

PAGE 29, above INDIA section.

Insert:

IRAQ

Al Başrah (Al Bakr) SPM1	29°42'.25N, 48°47'.97E	78710
	U	
Al Başrah (Al Bakr) SPM2	29°40'.00N, 48°49'.70E	78720
Al Başrah (Al Bakr) SPM3	29°38'.30N, 48°51'.50E	78730
	U	

(Source: BA Weekly Notice 23 of 12)

INP 31(5), 2011

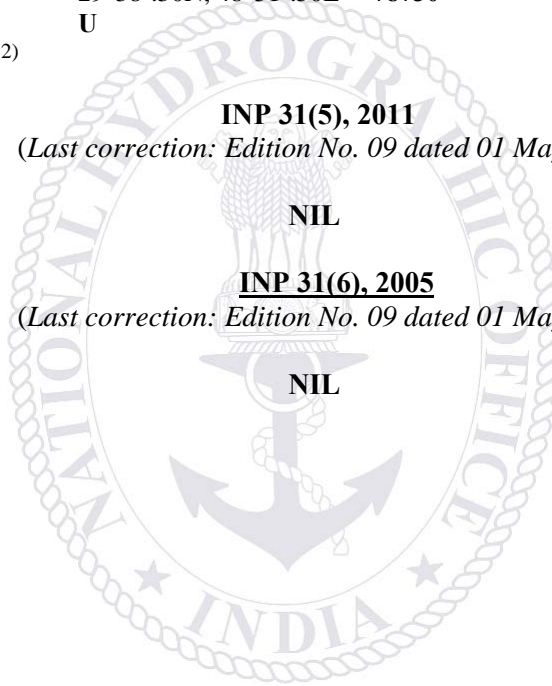
(Last correction: Edition No. 09 dated 01 May 12)

NIL

INP 31(6), 2005

(Last correction: Edition No. 09 dated 01 May 12)

NIL



SECTION – IX **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

Depth Reporting

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

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

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

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

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

I.H. 102

HYDROGRAPHIC NOTE

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

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

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

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date

I.H. 102a

HYDROGRAPHIC NOTE FOR PORT INFORMATION**(For Reporting Changes to Port Information)**

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

7 Tugs	
(a) Number available/Type	
(b) Maximum HP/Bollard Pull	
(c) Requesting authority	
(d) Availability times	
(e) Communication with tugs	
(f) Hiring charges	
8 Berthing and wharves	
(a) Type & number of berths available	
(b) Length	
(c) Depth alongside	
(d) Facilities available	
(e) Procedure for requesting berth and hiring charges.	
9 Cargo Handling	
(a) Containers	
(b) Lighters	
(c) Roll on / Roll off etc.	
10 Cranes	
(a) Brief details max lifting capacity, height of boom at wharf level and outreach	
(b) Container handling facilities.	
11 Bridges	
Vertical clearance	
12 Repairs	
(a) Hull machinery and underwater	
(b) Ship and boat yards	
(c) Docking or slipway facilities (size or dimensions of vessels handled)	
(d) Hards and ramps	
(e) Divers/Diving Assistance	
13 Rescue and distress	
(a) Salvage, lifeboats, life guards etc	
14 Supplies	
(a) Fuel (type and quantities available)	
(b) Fresh water and rate of supply	
(c) Provisions	
(d) Chart agents	
15 Services	
(a) Radio/telegram/fax /telephone	
(b) Internet	
(c) Medical	
(d) Quarantine	
(e) counsel	
(f) Ship chandlery and stevedores	
(g) Compass adjustment	
(h) Tank cleaning	
(j) Hull painting	
(k) Police	

(l) Ambulance	
(m) Fire fighting (fixed and mobile facilities)	
(n) Navigational warning and weather bulletin	
(p) garbage disposal	
(q) Waste oil disposal	
(r) Helicopter landing facilities	
16 Communications	
(a) Road, rail and air services available	
(b) Nearest airport or airfield	
(c) Port radio and information service (Frequencies and operating hours)	
17 Port Authority	
Designation, address and phone number	
18 Security	
(a) Security of ports/ International Ship and Port Facility (ISPS) competence	
(b) Container Security Initiative (CSI)	
(c) Custom and Immigration regulation in ports	
19 Small craft facilities	
(a) Information and facilities for small craft yachts visiting the port	
(b) Yacht clubs, berths etc	
20 Shore leave	
21 Clubs recreation	
(a) information kiosk (location)	
(b) Foreign exchange firms/banks (within/near port area)	
(c) Places of interest near port	
(d) Hotels/ restaurants (Type of food served e.g Chinese, continental etc)	
22 Views (duly annotated), photographs of the approaches, leading marks, the entrance to the harbour etc.	
23 Any other information considered to be useful for the mariners	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: indsar@vsnl.net

NATION WIDE SAR TELE: 1554 (LAND LINE)

INMARSAT C (IOR) 441907210 CODE: 43 (TOLL FREE)

AFTN: VABBYXYC