

INDIAN NOTICES TO MARINERS



EDITION NO. 15 DATED 01 AUG 2012

(CONTAINS NOTICES 186 TO 200)

REACH US 24 x 7



incho-navy@nic.in
msis-incho-navy@nic.in



+91-135-2748373



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



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

WWW

www.hydrobharat.nic.in

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

FEEDBACK: msis-incho-navy@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 new Indian Chart that is available for mariners in the market are as follows:-

-Nil-

2. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
206	VERAVAL TO DIU HEAD	150,000	New Edition
215	BETUL TO BELEKERI	150,000	New Edition
251 (INT 7318)	SIR CREEK TO DWARKA	300,000	New Edition
2045 (INT 7360)	PORT OF KOCHI	7,500	New Edition
2004 (INT 7359)	KOCHI HARBOUR	25,000	New Edition
2029 (INT 7358)	APPROACHES TO KOCHI	60,000	New Edition
3028 (INT 7404)	PORT OF ENNORE	12,500	New Chart

3. The forthcoming Indian nautical publication is as follows:-

<i>Title of Publication</i>	<i>Edition</i>
Notices to Mariners - Special Edition	2012

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, 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</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 186 to 200 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	192, 193
31	5	197, 200
201	2	197
202	2	197
203 (INT 7319)	2	197
207	2	197
208	2	197
209	2	197
220	3	188
251 (INT 7318)	2	197
254 (INT 7331)	2	197
259 (INT 7356)	3	188
271	2	197
289	1	191, 192, 193, 194
322	7	200 (T)
323	7	200 (T)
352 (INT 7416)	5	197
371	7	200
2004 (INT 7359)	3	187
2016 (INT 7336)	3	186
2019	2	198 (P)
2029 (INT 7358)	3	188
2034	2	198 (P)
2044	2	197
2045 (INT 7360)	3	187
2060	2	197
2068	2	197
2076 (INT 7338)	3	186
2079	2	197
2080	2	197
2083 (INT 7339)	2	197
2092	1	196
2101	2	198 (P)
3020	7	200
3034	5	199 (P)
7704 (INT 704)	1	195
8004	1	189
8005	1	190

SECTION – II

PERMANENT NOTICES




***186/(15/12) INDIA – WEST COAST – Mumbai – Old Pir Pau Channel – Buoys.**

Source: Mumbai Port Trust.

Chart 2016 (INT 7336) [previous update 122/12]

Insert	 No. 1	18° 59'·79N., 72° 56'·22E.
	 No. 3	18° 59'·82N., 72° 55'·81E.
	 No. 5	18° 59'·78N., 72° 55'·14E.
	 R	18° 59'·72N., 72° 55'·98E.
Delete	 R	18° 59'·25N., 72° 55'·52E.

Chart 2076 (INT 7338) [previous update 263/11]

Insert	 R	18° 59'·72N., 72° 55'·98E.
Move	 No. 2,	from: 18° 59'·58N., 72° 55'·59E.
		to: 18° 59'·56N., 72° 55'·59E.
	 No. 5,	from: 18° 59'·75N., 72° 55'·22E.
		to: 18° 59'·78N., 72° 55'·14E.
Delete	 R	18° 59'·25N., 72° 55'·52E.

***187/(15/12) INDIA – WEST COAST – Kochi Harbour – Legend. Accompanying Note.**

Source: NHO.

Chart 2045 (INT 7360) [previous update 159/12]

Insert	legend, “(see Note)”, centered on:	09° 58'·29N., 76° 14'·81E.
		09° 58'·29N., 76° 15'·94E.
		09° 58'·07N., 76° 15'·39E.
	Accompanying Note ‘MAINTAINED DEPTHS’ centered on:	09° 57'·85N., 76° 17'·25E.

Chart 2004 [previous update 159/12]

Insert	legend, “(see Note)”, centered on:	09° 58'·20N., 76° 16'·25E.
	Accompanying Note ‘MAINTAINED DEPTHS’ centered on:	09° 55'·00N., 76° 17'·10E.

***188/(15/12) INDIA – WEST COAST – Approaches to Kochi – Buoy.**

Source: DLL Kochi.

Chart 2029 (INT 7358) [previous update 175/12]

Insert	 Fl(2).5s	10° 08'·20N., 76° 02'·90E.
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Chart 220 [previous update 175/12]

Insert	 Fl(2).5s	10° 08'·10N., 76° 02'·96E.
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Chart 259 (INT 7356) [previous update 175/12]

Insert	 Fl(2).5s	10° 08'·11N., 76° 02'·95E.
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189/(15/12) IRAN – Khuran (Clarence Strait)– Pilot Boarding.

Source: BA Chart 3599

Chart 8004 [previous update 066/12]Insert  *Small Vessels*

27° 04′.30N., 56° 09′.60E.

Former INM 506(P)/04 cancelled.**190/(15/12) STRAIT OF HORMUZ– Bukha Oil field– Platform.**

Source: BA Notice 3303/12.

Chart 8005 [previous update 204/11]

Insert



26° 24′.64N., 55° 58′.10E.

191/(15/12) IRAN – Strait of Hormuz to Qatar – Wreck. Depths.

Source: BA Notice 2968/12.

Chart 289 [previous update 148/12]

Insert



(a) 26° 56′.40N., 56° 30′.00E.

depth 4₉ enclosed by 5m. contour,

26° 52′.30N., 56° 18′.30E.

Delete

depth 25 adjacent to,

(a) above

192/(15/12) IRAN – Persian Gulf and Gulf of Oman – South Pars Gas Field–Platform.

Source: BA Notice 3133/12.

Chart 20 [previous update 148/12]

Insert



26° 50′.70N., 52° 22′.40E.

Chart 289 [previous update 191/12]

Insert



26° 50′.70N., 52° 22′.40E.

193/(15/12) IRAN – Persian Gulf and Gulf of Oman – Depths.

Source: BA Notice 2967/12.

Chart 20 [previous update 192/12]

Insert

depth 16₆ enclosed by 20m contour,

(a) 26° 37′.80N., 54° 10′.60E.

Delete

depth 26 close NE of,

(a) above

Chart 289 [previous update 192/12]

Insert

depth 16₆ enclosed by 20m contour,

(a) 26° 37′.80N., 54° 10′.60E.

Delete

depth 26 close NE of,

(a) above

194/(15/12) IRAN – Strait of Hormuz to Qatar – Depths.

Source: BA Notice 2969/12.

Chart 289 [previous update 193/12]

Insert

depth 37 enclosed by 50m contour,

25° 59′.20N., 55° 09′.50E.

depth 17₁ enclosed by 20m contour,

26° 22′.10N., 55° 00′.80E.

195/(15/12) RED SEA – Outer Approaches to Jizan – Pearly Gates – depth.

Source: BA Notice 2955/12.

Chart 7704 (INT 704) [previous update 165/12]

Insert



16° 25′.90N., 41° 23′.40E.

**196/(15/12) UNITED ARAB EMIRATES – Ports of Khawar Fakkan and Fujayrah – Pilot boarding place.
Single point moorings.**

Source: BA Notice 2914/12.

Chart 2092 [previous update 037/12]

Insert



SPM A Mo(A)Y.10s

SPM 1 Mo(B)Y.10s

SPM 2 Mo(C)Y.10s

SPM 3 Mo(D)Y.10s

25° 18'·90N., 56° 35'·00E.

25° 12'·73N., 56° 23'·16E.

25° 13'·09N., 56° 24'·70E.

25° 13'·77N., 56° 23'·69E.

25° 14'·23N., 56° 24'·84E.

Chart 2092 (Plan) [previous update 037/12]

Insert



SPM A Mo(A)Y.10s

SPM 1 Mo(B)Y.10s

25° 12'·73N., 56° 23'·16E.

25° 13'·09N., 56° 24'·70E.

***197/(15/12) Miscellaneous Correction**

Source: NHO Dehradun.

INM 170/(14/12) Chart 251 (INT 7318) [previous update 170/12] radio reporting line position to be amended as follows:-
for 22° 58'·17N, 57° 57'·81E. (Shore), read, 22° 58'·17N, 68° 57'·81E. (Shore).

INM 170/ (14/12) - Chart No. [previous update] - **251 (INT 7318)** [170/12], **271** [170/12], **201** [170/12], **202** [170/12], **203 (INT 7319)** [170/12], **2060** [170/12], **2068** [170/12], **2079** [171/12], **2080** [170/12], **2083 (INT 7339)** [170/12], accompanying note to be amended as follows:-

for, “RADIO REPORTING”, read, “VESSEL REPORTING”.

for, “Vessel Traffic System”, read, “Vessel Traffic Service”.

INM 172/(14/12) Chart 209 [previous update 172/12] radio reporting line position to be amended as follows:-
for 20° 30'·00N, 71° 12'·00E. (W Border), read, 20° 30'·00N, 72° 12'·00E. (W Border).

INM 172/ (14/12) - Chart No. [previous update] - **254 (INT 7331)** [173/12], **207** [173/12], **209** [172/12], **208** [172/12], **2044** [172/12], accompanying note to be amended as follows:-

for, “RADIO REPORTING”, read, “VESSEL REPORTING”.

for, “Vessel Traffic System”, read, “Vessel Traffic Service”.

INM 176/(14/12) - Chart No. [previous update]- **31** [176/12], **352 (INT 7416)** [177/12] light characteristics to be amended as follows:-

for, “GpFl.(2)10s30m19M”, read, “Fl(2)10s40m19M”.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***198(P)/(15/12) INDIA – WEST COAST – Hazira Port– Port Development. Dredging**

Source: Hazira Port Pvt. Ltd.

1. Extensive Port development activity is in progress inside Hazira Port Limits. Construction of two Container berths and three multipurpose berths have been completed , between following co- ordinates :-

Container Berths

Position

21° 05′.33N., 72° 37′.53E.

21° 05′.00N., 72° 37′.92E.

Multipurpose Berths

21° 05′.15N., 72° 37′.40E.

21° 04′.80N., 72° 37′.80E.

2. Capital dredging work is in progress from the Turning Circle to access the new berths between the following Co- ordinates :-

21° 05′.57N., 72° 37′.25E.

21° 05′.56N., 72° 37′.29E.

21° 05′.53N., 72° 37′.35E.

21° 05′.50N., 72° 37′.41E.

21° 05′.46N., 72° 37′.46E.

21° 05′.39N., 72° 37′.50E.

21° 05′.34N., 72° 37′.53E.

21° 05′.01N., 72° 37′.93E.

21° 04′.90N., 72° 37′.90E.

21° 04′.80N., 72° 37′.80E.

21° 05′.16N., 72° 37′.40E.

21° 05′.22N., 72° 37′.33E.

21° 05′.23N., 72° 37′.33E.

21° 05′.23N., 72° 37′.32E.

21° 05′.23N., 72° 37′.31E.

21° 05′.23N., 72° 37′.30E.

21° 05′.17N., 72° 37′.06E.

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

4. These changes would be depicted in the New Edition of Chart 2034.

Charts Affected – 2034.

***199(P)/(15/12) INDIA – EAST COAST – Krishnapatnam Port– Port Development.**

Source: Krishnapatnam Port Company Ltd

1. Extensive port development activity is in progress inside Krishnapatnam Port limits. The details of the berths under construction are as follows :

(a) **South berth (S1):** - Length 350 meters, from 14° 14′.78N., 80° 07′.55E to 14° 14′.81N., 80° 07′.35E.

(b) **North west berth (NW1):** - Length 350 meters, from 14° 15′.26N., 80° 06′.48E to 14° 15′.33N., 80° 06′.30E.

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

Charts affected – 3034

***200(T)/(15/12) MYNMAR – WEST COAST – Off Ramree Island – Dredging.**

Source: NAVAREA 354/12.

1. Dredging of shipping channel is in progress at Kyaukpyu Ramree Island within the area bounded by following co-ordinates from 05 July 12 to 31 June 13:-

Dredging Area

HN1	19°23'.07N., 93°40'.65E	HS4	19°26'.05N., 93°35'.40E
HN2	19°23'.55N., 93°38'.33E	HS5	19°26'.26N., 93°35'.06E
HN3	19°23'.67N., 93°37'.94E	HS6	19°26'.38N., 93°34'.71E
HN4	19°23'.87N., 93°37'.60E	HS7	19°29'.73N., 93°20'.67E
HN5	19°24'.15N., 93°37'.31E	GNI	19°22'.35N., 93°41'.58E
HN6	19°26'.39N., 93°35'.41E	GN2	19°22'.98N., 93°41'.12E
HN7	19°29'.90N., 93°20'.72E	GS1	19°22'.08N., 93°41'.51E
HS1	19°22'.88N., 93°40'.61E	GS2	19°21'.99N., 93°41'.38E
HS2	19°23'.50N., 93°37'.59E	GS3	19°22'.02N., 93°41'.24E
HS3	19°25'.79N., 93°35'.65E		

2. Following areas have been established for dredging operations.

Toss Mud Area (A):

- (A) 19°32'.76N., 93°22'.71E
 (B) 19°31'.18N., 93°22'.32E
 (C) 19°30'.81N., 93°23'.99E
 (D) 19°32'.39N., 93°24'.38E

Toss Mud Area (B):

- (A) 19°27'.77N., 93°32'.64E
 (B) 19°26'.84N., 93°35'.39E
 (C) 19°27'.89N., 93°33'.10E

Shelter Anchorage:

- CP1 19°25'.35N., 93°37'.10E
 CP2 19°23'.76N., 93°39'.18E
 CP3 19°23'.73N., 93°39'.61E
 CP4 19°23'.73N., 93°39'.98E

Beaching Area 1:

- (A) 19°25'.15N., 93°34'.68E
 (B) 19°25'.05N., 93°34'.66E
 (C) 19°24'.92N., 93°35'.15E
 (D) 19°25'.12N., 93°35'.15E

Beaching Area 2:

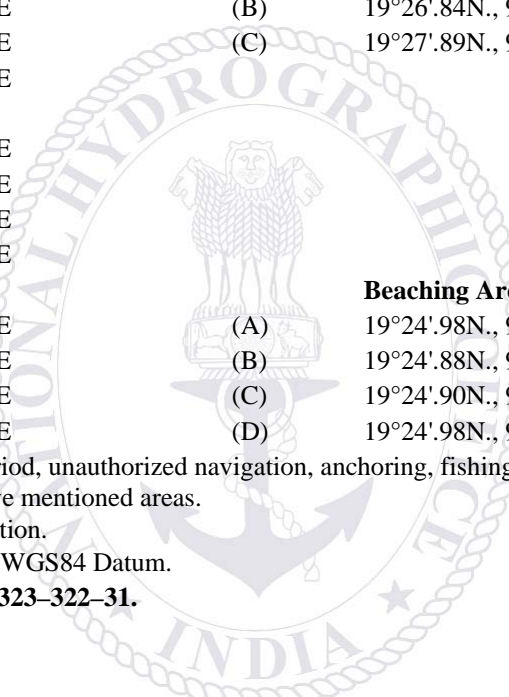
- (A) 19°24'.98N., 93°35'.25E
 (B) 19°24'.88N., 93°35'.25E
 (C) 19°24'.90N., 93°35'.53E
 (D) 19°24'.98N., 93°35'.52E

3. During the operation period, unauthorized navigation, anchoring, fishing and trawling are prohibited within a distance of 500 m from the above mentioned areas.

4. Mariners to exercise caution.

5. All positions referred to WGS84 Datum.

Charts Affected – 3020 – 371–323–322–31.



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, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, 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 31 Jul 12.

2011 SERIES – 442 596 708

2012 SERIES – 037 289 315 340 342 343 346 354 355 356 357 361 365 366 367 369 370 371
373 374

3. NAVAREA VIII Warnings issued during the period from 16 Jul to 31 Jul 12 (both dates inclusive) are as tabulated below: –

352. Indian Ocean-Northern Part. Charts INT 70 INT 71 INT 707. A green hull fishing vessel Mariya abandoned and adrift reported in vicinity 06-30.49S 083-56.81E			
2. Caution advised.			
3. Cancel this MSG 200900 UTC Jul 12.			
353. Indian Ocean-Northern Part. Charts INT 70 INT 71 INT 707. Wooden and fibreglass white fishing vessel (approx. 15m length, registration mark imul-a-0461 CHW) with blue stripes on hull abandoned and adrift reported in vicinity 11-07.10S 094-04.40E.			
2. Caution advised.			
3. Cancel this MSG 201200 UTC Jul 12.			
354. Myanmar West Coast – Off Ramree Island. Charts 31 322 323 371 3020 INT 706. Channel dredging operation in progress till 31 Jun 2013 in an area bounded by			
Dredging area:			
HNI	19-23.07N	093-40.65E	HS4 19-26.05N 093-35.40E
HN2	19-23.55N	093-38.33E	HS5 19-26.26N 093-35.06E
HN3	19-23.67N	093-37.94E	HS6 19-26.38N 093-34.71E
HN4	19-23.87N	093-37.60E	HS7 19-29.73N 093-20.67E
HN5	19-24.15N	093-37.31E	GNI 19-22.35N 093-41.58E
HN6	19-26.39N	093-35.41E	GN2 19-22.98N 093-41.12E
HN7	19-29.90N	093-20.72E	GS1 19-22.08N 093-41.51E
HS1	19-22.88N	093-40.61E	GS2 19-21.99N 093-41.38E
HS2	19-23.50N	093-37.59E	GS3 19-22.02N 093-41.24E
HS3	19-25.79N	093-35.65E	
Toss Mud Area(A):		Toss Mud Area(B):	
(a)	19-32.76N	093-22.71E	(a) 19-27.77N 093-32.64E
(b)	19-31.18N	093-22.32E	(b) 19-26.84N 093-35.39E
(c)	19-30.81N	093-23.99E	(c) 19-27.89N 093-33.10E
(d)	19-32.39N	093-24.38E	
Shelter Anchorage:			
Shelter(1)CP 19-25.35N 093-37.10E		Shelter(2)CP 19-23.76N 093-39.18E	
Shelter(3)CP 19-23.73N 093-39.61E		Shelter(4)CP 19-23.73N 093-39.98E	
Beaching Area (1):		Beaching Area (2):	
(a)	19-25.15N	093-34.68E	(a) 19-24.98N 093-35.25E
(b)	19-25.05N	093-34.66E	(b) 19-24.88N 093-35.25E
(c)	19-24.92N	093-35.15E	(c) 19-24.90N 093-35.53E
(d)	19-25.12N	093-35.15E	(d) 19-24.98N 093-35.52E
2. 500 Metres berth requested.			
3. Cancel this MSG 010001 UTC Jul 2013.			
355. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking buoy No 2 Offstation (0.3NM South) of charted position.			
356. India West Coast- Off Beypore. Charts 22 258 259 268 272 INT 706. Seismic survey by MV Mezen till 31 Jul 12 IN area bounded by			
(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	
2. Wide berth of 03 NM requested.			
3. Cancel this MSG 010001 UTC Aug 12.			

357. Bay of Bengal- Off Sri Lanka. Charts 33 INT 71 INT 707.Vessel Adrift reported in vicinity 06-14N 086-11E with 27 persons onboard the vessel has been disable for 48 Hrs. 2. All vessels transiting through the area to keep a sharp lookout and render assistance.
358. India East Coast-Off 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 27 Jul 12. 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 270830 UTC Jul 12.
359 India East Coast- Off Chennai. Charts 32 33 356 391 INT 706.Firing practice by Coast guard aircraft from 0830 UTC to 1030 UTC on 27 Jul 12.Danger area bounded by (a) 13-30N 081-18E (b) 14-30N 081-55E (c) 14-30N 082-42E (d) 13-30N 082-05E 2. Cancel this MSG 271130 UTC Jul 12.
360. India East Coast- Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706.Experimental flight trial scheduled from ITR launch complex between 0330 UTC to 0930 UTC from 29 Jul to 30 Jul 12.Danger zone bounded by (a) 21-22.06N 086-56.40E (b) 21-19.15N 086-54.48E (c) 21-12.93N 086-55.53E (d) 20-40.30N 087-15.01E (e) 19-04.85N 088-39.23E (f) 19-21.95N 089-01.33E (g) 20-57.58N 087-37.18E (h) 21-21.25N 087-06.18E (i) 21-23.31N 086-59.80E 2. Caution advised. 3. Cancel this MSG 301030 UTC Jul 12.
361. India West Coast-Gulf Of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705.Vessel broken her anchor in the position Vessel Position Copenhagen 21-00.80N 072-35.90E 2. Caution advised.
362. Andaman Sea - Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706.Firing practice by Naval coast battery from 0730 UTC to 1100 UTC on 25 Jul 12 in area bounded by (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 2. Safe flying height 7000 metres. 3. Cancel this MSG 251200 UTC Jul 12.
363. NAVAREA VIII-Messages in force as on 201006 UTC Jul 12. 2011 Series: - 442 596 708 2012 Series: - 037 289 315 329 331 340 341 342 343 346 347 354 355 356 357 358 359 360 361 362 (a) NAVAREA VIII Warnings less than 42 days old (315/12 onward) are Promulgated via Safety net. (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 271006 UTC Jul 12.
364. Indian Ocean-West Reunion Island. Charts INT 70 INT 72 INT 702.Fishing floating line of 02 NM with 06 Orange buoys and 01 Goniometre Buoys lost and adrift reported in vicinity 20-52S 052-02E on 21 Jul 12 2. Caution Advised. 3. Cancel this MSG 251130 UTC Jul 12.
365. India West Coast - Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706.Firing practice by Naval Aircraft from 01 Aug TO 07 Aug 12 and 14 Aug TO 21 Aug 12 between 0230 UTC to 1230 UTC in 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 211330 UTC Aug 12.
366. India East Coast-Bay of Bengal. Charts 31 32 33 41 354 355 357 391 INT 706.Rig list.Correct at 241130 UTC Jul 12 ABAN II 16-39.13N 082-22.37E DEEP DRILLER-1 16-40.03N 082-27.54E DEEP SEA MATDRILL 16-16.38N 081-43.44E DHIRUBHAI DEEPWATER KG-1 12-22.73N 093-29.28E GSF-140 16-31.58N 082-28.43E MG HULME JR 16-35.50N 082-27.09E

366. Continue.	NOBLE DUCHESS	16-16.45N	082-11.56E
	PLATINUM EXPLORER	19-32.01N	086-16.50E
	PERRO NEGRO 3	11-30.12N	079-56.06E
	ACTINIA	16-07.35N	081-54.73E
	WIDE BERTH REQUESTED		
2.	Cancel NAVAREA VIII 341/12.		
367. India West Coast-Veraval.	Charts 21 205 206 253 292 INT 705.Veraval Lighthouse Recon inoperative since 24 Jul 12.		
368. Bay of Bengal-Southern Part.	Charts 33 INT 707.Abandoned 15 Mtr fishing vessel (registration IMUL A O 0244 CHW) reported adrift in vicinity 06-30N 088-47E AT 251800 UTC Jul 12.		
2.	Cancel this MSG 291200 UTC Jul 12.		
369. India East Coast – Bay of Bengal.	Charts 32 33 356 INT 71 INT 706.Firing practice between 0230 UTC to 1130 UTC from 01 Aug TO 07 Aug and 15 Aug to 21 Aug 12.		
2.	Danger Zone 05 NM radius around 13-50N 081-40E.		
3.	Safe flying height 3500 metres.		
4.	Cancel this MSG 211230 UTC Aug 12.		
370. India West Coast - Kochi.	Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706.Firing By Naval Coast Battery		
	Date	Time (UTC)	
	03 Aug 12	0900 To 1200	
	07 Aug 12	0900 To 1200	And 1230 TO 1430
	10 Aug 12	0900 To 1200	
	14 Aug 12	0900 To 1200	
	17 Aug 12	0900 To 1200	
	21 Aug 12	0900 To 1200	And 1230 TO 1430
	24 Aug 12	0900 To 1200	
	28 Aug 12	0900 To 1200	
	31 Aug 12	0900 To 1200	
2.	Danger Area Bounded By		
	(A) 09-57.5N	075-59.5E	(B) 09-57.7N 076-14.2E
	(C) 09-44.0N	076-17.5E	(D) 09-42.5N 076-09.5E
3.	Safe Flying Height 10000 Metres.		
4.	Cancel this MSG 311300 UTC Aug 12.		
371. NAVAREA VIII-Messages in force as on 271002 UTC Jul 12	2011 Series: - 442 596 708		
	2012 Series: - 037 289 315 340 342 343 346 347 354 355 356 357 359 360 361 365 366 367 368 369 370		
(A)	NAVAREA VIII Warnings less than 42 days old (340/12 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 031002 UTC Aug 12.		
372. Cancel NAVAREA VIII 360/12 and this MSG.			
373. Bay of Bengal-Northern Part (.)	Charts 31 360 361 INT 706 (.) Firing by Bangladesh navy ships between 0030 UTC and 1730 UTC daily from 01 Aug to 31 Aug 12 in following areas		
	Area – A		
(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
	Area – B		
(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
	AREA – D		
(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
	AREA – D-1		
(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
	AREA – E		
(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

373. Continue.**AREA – F**

(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 311830 UTC Aug 12

374. Cancel NAVAREA VIII 347/12 (.) India West Coast – Off Kochi (.) Charts 22 220 259 INT 705 (.) MV Sea Angel reported sunk 10-08.2N 076-02.9E (.) Position marked by Isolated danger mark buoy.

2. Caution Advised.



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 -5 (Page – 176-177)

(Source: Harbour Master, Kochi Port Trust)

Bay of Bengal Pilot (INP-2)

Chapter - 2 (Page – 125-126)

(Source: ROS, INS Nirupak, J (D)-189)

Article 5.81

Delete Para 1, 2, 3 and replace by

1 Two Anchorage areas, available in the port of Kochi are as follows:

(a) For vessels of draught above 12m bounded by following positions:

09° 56'.60 N, 76° 03'.50E

09° 56'.60 N, 76° 05'.10 E

09° 54'.10 N, 76° 05'.10 E

09° 54'.10 N, 76° 03'.50 E

(b) For vessels of draught below 12m bounded by following positions:

09° 56'.60 N, 76° 06'.80E

09° 56'.60 N, 76° 10'.60 E

09° 54'.10 N, 76° 10'.60 E

09° 54'.10 N, 76° 06'.80E

Rename para 4 as para 2

Insert after Article 5.81

Prohibited Anchorage Area

5.81a

1 Anchoring is prohibited in approach area bounded by following positions:

09° 58'.60 N, 76° 03'.50E

09° 58'.60 N, 76° 05'.50 E

09° 56'.60 N, 76° 05'.50 E

09° 56'.60 N, 76° 03'.50 E

Article 5.82,

Delete and replace by:

5.82

1 **Pilotage** is compulsory for all merchant vessels exceeding 100 grt and is advisable for smaller vessels, and is available 24 hours.

2 Pilot boards in the following positions:

(a) North (N): 09°58'.30N, 76°08'.70E

(b) South (S): 09°57'.30N, 76°08'.70E

(c) West (W): 09°57'.50N, 76°05'.50E.

3 For further details see *List of Radio Signals Vol 6*.

4 **Tugs** are available.

Chapter -5 (Page – 186)

(Source: ROS, INS Jamuna, F (N)-60)

Article 5.163

Para 3, Delete “Deputy” and replace by “Chief”.

Delete para 4.

Para 5, line 1

Delete “River is marked on its N side by a clump of Casuarina trees” and replace by “River is distinctly marked by breakwaters both at north as well as south edge of the entrance”

Para 6, line 2

Delete “lying close N of the N port limit” and replace by “at position 11° 57'.74 N, 75°13'.53 E”

Article 2.136

Insert after para 5

5a **Vallabhaswamy temple**, white structure, 51m in height, lies 0.4miles SW of Varaha river mouth.

8.1

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. 14 dated 16 Jul 12)

NIL

INP 31(5), 2011

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

Page 82, Heading, delete and replace by
Sea Area A3/A4: List of HF DSC Coast Stations

Page 178, SRI LANKA section, MRCC COLOMBO, Others column
Delete and replace by

email nhqdn@navy.lk

(Source INHO)

INP 31(6), 2005

(Last correction: Edition No. 14 dated 16 Jul 12)

Page 84, KOCHI (COCHIN), PROCEDURE, Section (7)
Delete and replace by:

(7) **Pilot boards** in the following positions:

- (a) North (N): 09°58'.30N, 76°08'.70E
- (b) South (S): 09°57'.30N, 76°08'.70E
- (c) West (W): 09°57'.50N, 76°05'.50E

(Source: Kochi Port Trust)

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	

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To accompany Indian Notice to Mariners 187/12

Chart 2045 (INT 7360)

MAINTAINED DEPTHS

Maintained depths in Channel are likely to differ due to silting. Mariners are advised to contact Port authorities for latest information.

To accompany Indian Notice to Mariners 187/12

Chart 2004 (INT 7359)

MAINTAINED DEPTHS

Maintained depths in Channel are likely to differ due to silting. Mariners are advised to contact Port authorities for latest information.



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