



INDIAN NOTICES TO MARINERS



EDITION NO. 15 DATED 01 AUG 2010

(CONTAINS NOTICES 199 TO 209)

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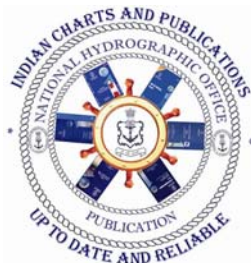
www.hydrobharat.nic.in

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

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

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC'S AND PUBLICATION

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN62057S	2057	SIMAR ANCHORAGE	30-07-2010*

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN44014R	4014	RANGAT BAY TO DILIGENT STRAIT	15-10-2009
IN52054V	2054	VERAVAL	30-04-2010
IN52060P	2060	PATHFINDER INLET	28-02-2010
IN52081P	2081	DIU AND NAVABANDAR ANCHORAGES	30-07-2010*

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN52057S	2057	SIMAR ANCHORAGE	27-05-2008*
IN44014R	4014	RANGAT BAY TO DILIGENT STRAIT	15-10-2009
IN52054V	2054	VERAVAL	30-04-2010
IN52060P	2060	PATHFINDER INLET	28-02-2010
IN52081P	2081	DIU AND NAVABANDAR ANCHORAGES	14-10-2004*

4. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
356 (INT 7400)	CHENNAI TO RAMAYPATNAM	3,00,000	New Edition
2004 (INT 7359)	KOCHI (COCHIN HARBOUR)	25,000	New Edition
2045 (INT 7360)	PORT OF KOCHI (COCHIN)	7,500	New Edition
201	GORA CHAN CREEK TO GODIA CREEK	1,50,000	New Edition

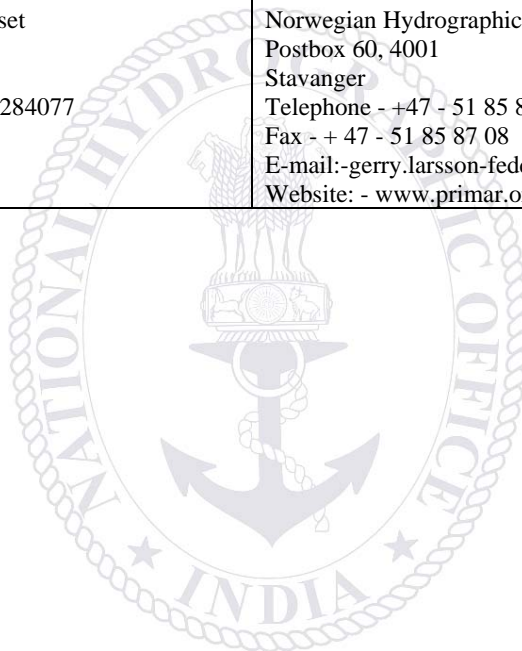
* Issue date.

VI

Availability of ENC's.

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

<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in</p>	<p>Director, JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 India Ph: 91-22- 65103668 Fax: 91- 22- 67939504 Email: info@c-map.co.in Website: www.c-map.co.in</p>
<p>United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk</p>	<p>Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-gerry.larsson-fedde@statkart.no Website: - www.primar.org</p>



SECTION – I

The list of charts affected by the Notices 199 to 209 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	207
21	2	203
22(INT 752)	3	204
33	5	209(T)
41	6	208
206	2	203
211	3	202
217	3	204
253(INT 7328)	2	203
255(INT 7334)	3	202
258(INT 7348)	3	204
272	4	204
289	1	207
292(INT 7021)	2	203
308	5	205
354(INT 7408)	5	205
391	5	205
431	7	208
2016(INT 7336)	3	202
2034	2	201
2083	2	200
2086	1	199
2090	1	206
3002(INT 7410)	5	205
3012(INT 7411)	5	205

SECTION – II
PERMANENT NOTICES

***199/(15/10) INDIAN OCEAN – MAURITUS – Approaches to Port Louis – Submarine cable. Anchoring Prohibited Area.**

Source: Assistant Port Master, Mauritius Port Authority.

(HJ/1131/20)

Chart 2086 [previous update 149/10]

Insert *anchoring prohibited area* ,TTTTT  ,TTTTT, joining: 20° 05'·95S., 57° 30'·70E. (Shore)
20° 05'·55S., 57° 30'·00E.
20° 05'·45S., 57° 28'·60E.
20° 06'·00S., 57° 28'·60E.
20° 06'·08S., 57° 29'·85E.
20° 06'·35S., 57° 30'·30E.
20° 06'·50S., 57° 30'·70E. (Shore)

Substitute  for  ,TTTTT  , joining: 20° 08'·30S., 57° 27'·84E.
20° 09'·67S., 57° 28'·75E.(Shore)

Chart 2086(Plan) [previous update 149/10]

Insert *anchoring prohibited area* ,TTTTT  ,TTTTT, joining: 20° 06'·35S., 57° 30'·30E. (N Border)
20° 06'·50S., 57° 30'·70E. (E Border)

Substitute  for  ,TTTTT  , joining: 20° 08'·30S., 57° 27'·84E.
20° 09'·67S., 57° 28'·75E.(Shore)

***200/(15/10) INDIA – WEST COAST – Gulf of Kachchh – Approaches to Sikka – Radar Beacon.**

Source: Bharat Oman Refineries Limited.

(HJ/1131/20)

Chart 2083 [previous update N.E. 15 Mar 10]

Insert *radar beacon, 'Racon B' , at SBM* 22° 33'·53N., 69° 45'·75E.

***201/(15/10) INDIA – WEST COAST – Hazira Port – Jetty. Legends.**

Source: Hazira Port Pvt. Ltd.

(HJ/1130/17)

Chart 2034 [previous update 297/09]

Insert *jetty single, firm line, joining:* 21° 05'·727N., 72° 37'·418E.
21° 05'·675N., 72° 37'·331E.
legend, "Turning Circle", centered on: 21° 05'·320N., 72° 37'·030E.
Substitute *legend, "Port Control Tower (SS)" for "Port Control Tower", centered on:* 21° 05'·670N., 72° 37'·640E.

***202/(15/10) INDIA – WEST COAST – Inner Approaches to Mumbai – Anchorage Area. Legend.**

Source: JNPT

(HJ/1030/87)

Chart 255 (INT 7334) [previous update 159/10]



Insert	anchoring area ,----  ----, joining:	(a) 18° 48'·35N., 72° 38'·94E. (b) 18° 48'·15N., 72° 35'·64E. (c) 18° 44'·45N., 72° 34'·94E. (d) 18° 44'·95N., 72° 38'·94E.
	legend, “BRAVO (EAST)” (see note), within:	(a) – (d) above
	anchoring area ,----  ----, joining:	(e) 18° 48'·35N., 72° 31'·94E. (f) 18° 49'·15N., 72° 25'·64E. (g) 18° 39'·95N., 72° 25'·64E. (h) 18° 40'·55N., 72° 30'·54E.
	legend, “BRAVO (EAST)” (see note), within:	(e) – (h) above
	Accompany note, “ANCHORAGE AREA (BRAVO EAST AND WEST)”, centered on:	19° 17'·00N., 70° 25'·50E.

Chart 211 [previous update 159/10]





Insert	anchoring area ,----  ----, joining:	(a) 18° 48'·35N., 72° 38'·94E. (b) 18° 48'·15N., 72° 35'·64E. (c) 18° 44'·45N., 72° 34'·94E. (d) 18° 44'·95N., 72° 38'·94E.
	legend, “BRAVO (EAST)” (see note), within:	(a) – (d) above
	anchoring area ,----  ----, joining:	(e) 18° 48'·35N., 72° 31'·94E. (f) 18° 49'·15N., 72° 25'·64E. (g) 18° 39'·95N., 72° 25'·64E. (h) 18° 40'·55N., 72° 30'·54E.
	legend, “BRAVO (EAST)” (see note), within:	(e) – (h) above
	Accompany note, “ANCHORAGE AREA (BRAVO EAST AND WEST)”, centered on:	19° 23'·20N., 72° 52'·80E.

Chart 2016 (INT 7336) [previous update 055/10]

Insert	anchoring area ,----  ----, joining:	(a) 18° 48'·35N., 72° 38'·94E. (b) 18° 48'·15N., 72° 35'·64E. (c) 18° 44'·45N., 72° 34'·94E. (d) 18° 44'·95N., 72° 38'·94E.
	legend, “BRAVO (EAST)” (see note), within:	(a) – (d) above
	anchoring area ,----  ----, joining:	18° 48'·35N., 72° 31'·94E. 18° 42'·00N., 72° 30'·83E. (S Border) 18° 49'·05N., 72° 26'·50E. (W Border)
	legend, “BRAVO (EAST)” (see note), within:	18° 46'·00N., 72° 28'·50E.
	Accompany note, “ANCHORAGE AREA (BRAVO EAST AND WEST)”, centered on:	18° 45'·85N., 72° 53'·30E.

***203/(15/10) INDIA – WEST COAST – Off Muldwarka Port. Wreck.**

Source: MRCC Mumbai

(HJ/1130/09)

Wreck of MV Priyanka**Chart 21** [previous update 187/10]Insert  PA 20° 45'·19N., 70° 40'·75E.**Chart 292(INT 7021)** [previous update 172/10]Insert  PA 20° 45'·19N., 70° 40'·75E.**Chart 253(INT 7328)** [previous update 137/10]Insert  PA 20° 45'·19N., 70° 40'·75E.**Chart 206** [previous update 209/10]Insert  PA 20° 45'·19N., 70° 40'·75E.***204/(15/10) INDIA – WEST COAST – Kundapura (Coondapoor) to Kasaragad – Wreck.**

Source: MMD Mangalore

(HJ/1030/25)

Wreck of MSV Ghous–E–Samdhani**Chart 22(INT 752)** [previous update 111/10]Insert  PA 12° 38'·93N., 74° 39'·05E.**Chart 272** [previous update 173/10]Insert  PA 12° 38'·93N., 74° 39'·05E.**Chart 258 (INT 7348)** [previous update 173/10]Insert  PA 12° 38'·93N., 74° 39'·05E.**Chart 217** [previous update 173/10]Insert  PA 12° 38'·93N., 74° 39'·05E.***205/(15/10) INDIA – EAST COAST – Vishakhapatnam Harbour – depth.**

Source: INS Sandhayak ROS J(D) – 183

(HJ/1029/76)

Chart 391 [previous update 153/10]Insert *depth 5₇* 17° 42'·67N., 83° 19'·65E.**Chart 354(INT 7408)** [previous update 142/10]Insert *depth 5₇* 17° 42'·67N., 83° 19'·65E.**Chart 308** [previous update 142/10]Insert *depth 5₇* 17° 42'·67N., 83° 19'·65E.**Chart 3002(INT 7410)** [previous update 142/10]Insert *depth 5₇* 17° 42'·61N., 83° 19'·76E.**Chart 3012(INT 7411)** [previous update 185/10]Insert *depth 5₇* 17° 42'·61N., 83° 19'·76E.

206/(15/10) OMAN – GULF of OMAN – Approaches to Said Bin Sultan Naval Base – Khawr Wuddam Eastwards – Light.

Source: BA Notice 3855/10

(HJ/1132/32)

Chart 2090 [previous update 176/10]Insert  Fl(3)10s4m5M23° 48′.52N., 57° 34′.33E.
(end of breakwater)**207/(15/10) UNITED ARAB EMIRATES – Jazirat Das West–south–westwards – ‘A’ Structure Oilfield – Pipe.**

Source: BA Notice 3637/10

(HJ/1132/57)

Chart 20 [previous update 194/10] WGS 84 DATUMInsert  Pipe (Lit)

25° 01′.32N., 52° 30′.30E.

Chart 289 [previous update 194/10] WGS 84 DATUMInsert  Pipe (Lit)

25° 01′.32N., 52° 30′.30E.

208/(15/10) THAILAND – WEST COAST – Ko Phayam North–eastwards – Wreck.

Source: BA Notice 3653/10

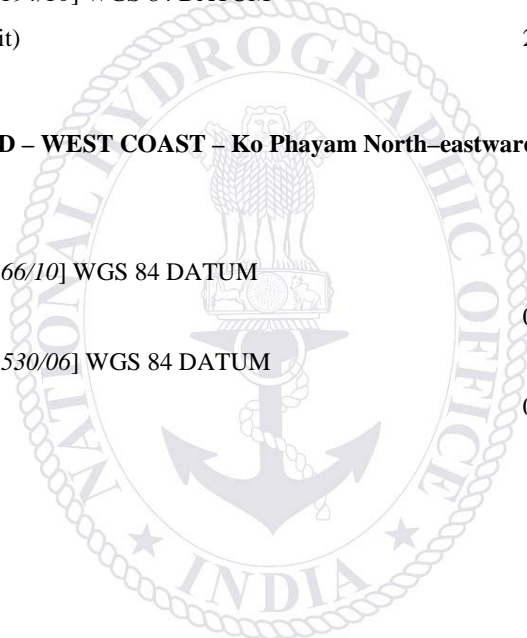
(HJ/928/91)

Chart 41 [previous update 166/10] WGS 84 DATUMInsert  PA

09° 45′.94N., 98° 26′.07E.

Chart 431 [previous update 530/06] WGS 84 DATUMInsert  PA

09° 45′.94N., 98° 26′.07E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***209(T)/(15/10) INDIA-EAST COAST – Bay of Bengal - Andaman Sea – Data Buoys.**

Source: NIOT Chennai

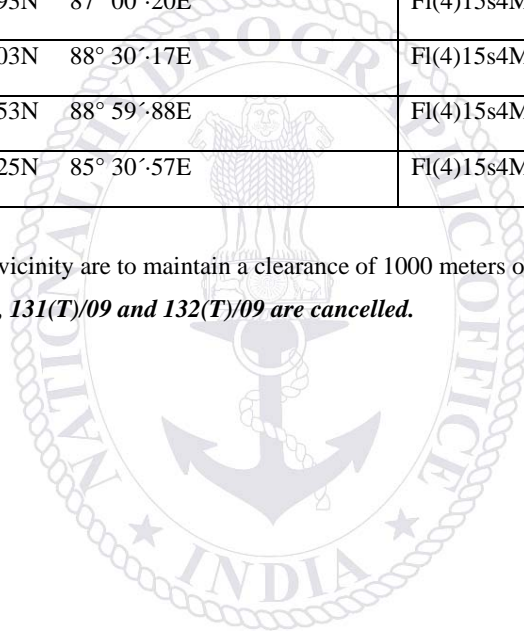
(HJ/1028/29)

1. Following yellow coloured data buoys with 2.2 m dia and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions.

S No.	Buoy No.	Position	Characteristics
a)	TB 04	09° 18′.98N 89° 27′.30E	Fl(4)15s4M
b)	TB 07	09° 25′.47N 85° 30′.92E	Fl(4)15s4M
c)	TB 10	06° 52′.93N 87° 00′.20E	Fl(4)15s4M
d)	BD 06	10° 00′.03N 88° 30′.17E	Fl(4)15s4M
e)	TB 05	12° 25′.53N 88° 59′.88E	Fl(4)15s4M
f)	TB 08	12° 31′.25N 85° 30′.57E	Fl(4)15s4M

2. All vessels operating in vicinity are to maintain a clearance of 1000 meters off the moored buoys.
3. **Former INM 130(T)/09, 131(T)/09 and 132(T)/09 are cancelled.**

Chart Affected - 33.



SECTION – IV
MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

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

(Source - NAVAREA VIII Warning 305/08)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9910891631, 9810705062 Email: ravipani@indiatimes.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts and Publications New No. 221, Old No. 107, Unit No. F9, Hotel Chennai Palace, Angappa Naicken Street Chennai – 600001, Telefax : 044-42165008 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956/6907, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com

SECTION – V
NAVAREA – VIII WARNING IN FORCE

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

2. Navarea VIII Warning Inforce as on 30 Jul 10.

2010 SERIES - 252 297 303 314 315 352 361 379 380 389 391 392 396 399 417 418 422
426 427 428 429 430 431 432 433

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

<p>412. Self Cancelling. Navarea VIII-Warning Inforce: 2010 Series – 138 252 297 303 314 315 352 353 361 379 380 389 391 392 396 397 399 401 404 406 409 410 411</p>																					
<p>413. India East Coast- Bay of Bengal. Charts 31 301 351 352 3017 3031 INT 706. Experimental flight vehicle launching scheduled from ITR launch complex between 0330 UTC and 1130 UTC from 26 Jul to 28 Jul 2010. Danger zone area bound by following points</p> <table style="margin-left: 20px;"> <tbody> <tr><td>(a)</td><td>20-43.60N</td><td>087-02.55E</td></tr> <tr><td>(b)</td><td>20-30.95N</td><td>087-29.35E</td></tr> <tr><td>(c)</td><td>20-34.70N</td><td>087-42.43E</td></tr> <tr><td>(d)</td><td>21-13.70N</td><td>087-56.98E</td></tr> <tr><td>(e)</td><td>21-32.21N</td><td>087-38.61E</td></tr> <tr><td>(f)</td><td>21-22.03N</td><td>086-56.37E</td></tr> <tr><td>(g)</td><td>21-09.75N</td><td>086-50.58E</td></tr> </tbody> </table> <p>3. No over flight and shipping activity is permissible within the above mentioned sector. 4. Cancel this message on 29 Jul 2010.</p>	(a)	20-43.60N	087-02.55E	(b)	20-30.95N	087-29.35E	(c)	20-34.70N	087-42.43E	(d)	21-13.70N	087-56.98E	(e)	21-32.21N	087-38.61E	(f)	21-22.03N	086-56.37E	(g)	21-09.75N	086-50.58E
(a)	20-43.60N	087-02.55E																			
(b)	20-30.95N	087-29.35E																			
(c)	20-34.70N	087-42.43E																			
(d)	21-13.70N	087-56.98E																			
(e)	21-32.21N	087-38.61E																			
(f)	21-22.03N	086-56.37E																			
(g)	21-09.75N	086-50.58E																			
<p>414. India West Coast – Off Mumbai. Charts 21 22 211 255 293 2016 INT 705. M/V Khalizia-3 (190.5 metre length) grounded in position 18-48.55N 072-43.74E. 2. Mariners to exercise caution.</p>																					
<p>415. India East Coast- Bay of Bengal. Charts 31 301 351 352 3017 3031 INT 706. Experimental rocket launching scheduled from ITR launch complex between 0330 UTC and 1130 UTC from 21 Jul to 22 Jul 2010. 2. Danger zone bounded by following points</p> <table style="margin-left: 20px;"> <tbody> <tr><td>(a)</td><td>21-24.15N</td><td>086-58.37E</td><td>(b)</td><td>20-33.94N</td><td>087-19.43E</td></tr> <tr><td>(c)</td><td>20-31.52N</td><td>087-09.12E</td><td></td><td></td><td></td></tr> </tbody> </table> <p>3. No over flight and shipping activity is permissible within the above mentioned sector. 4. Cancel this message on 23 Jul 2010.</p>	(a)	21-24.15N	086-58.37E	(b)	20-33.94N	087-19.43E	(c)	20-31.52N	087-09.12E												
(a)	21-24.15N	086-58.37E	(b)	20-33.94N	087-19.43E																
(c)	20-31.52N	087-09.12E																			
<p>416. India East Coast - Gopalpur. Charts 31 352 353 3005 INT 706. Air defence firing will be carried out between 2330 UTC to 1800 UTC from 25 Jul to 28 Jul 2010. Danger area bounded by</p> <table style="margin-left: 20px;"> <tbody> <tr><td>(a)</td><td>19-14.60N</td><td>084-53.70E</td><td>(b)</td><td>19-37.05N</td><td>085-27.85E</td></tr> <tr><td>(c)</td><td>18-46.05N</td><td>085-22.86E</td><td></td><td></td><td></td></tr> </tbody> </table> <p>and arc of 42 NM radius joining point (b) and (c) 2. Safe flying height 6100 metres. 3. Cancel this message on 29 Jul 2010.</p>	(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.85E	(c)	18-46.05N	085-22.86E												
(a)	19-14.60N	084-53.70E	(b)	19-37.05N	085-27.85E																
(c)	18-46.05N	085-22.86E																			
<p>417. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval coast battery on following dates.</p> <table style="margin-left: 20px;"> <thead> <tr><th>Date</th><th>Time (UTC)</th></tr> </thead> <tbody> <tr><td>27 Jul 2010</td><td>0900 to 1200</td></tr> <tr><td>30 Jul 2010</td><td>0900 to 1200 and 1230 to 1430</td></tr> </tbody> </table> <p>2. Danger area bounded by</p> <table style="margin-left: 20px;"> <tbody> <tr><td>(a)</td><td>09-57.50N</td><td>075-59.50E</td><td>(b)</td><td>09-57.70N</td><td>076-14.20E</td></tr> <tr><td>(c)</td><td>09-44.00N</td><td>076-17.50E</td><td>(d)</td><td>09-42.50N</td><td>076-09.50E</td></tr> </tbody> </table> <p>3. Safe flying height 10000 meters. 4. Cancel this message on 31 Jul 2010.</p>	Date	Time (UTC)	27 Jul 2010	0900 to 1200	30 Jul 2010	0900 to 1200 and 1230 to 1430	(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E	(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E			
Date	Time (UTC)																				
27 Jul 2010	0900 to 1200																				
30 Jul 2010	0900 to 1200 and 1230 to 1430																				
(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E																
(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E																

<p>418. India East Coast- Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing exercise by Naval coast battery from position 13-07.17N 080-18.07E between 0530 UTC to 0730 UTC on 30 Jul 2010.</p> <p>2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position.</p> <p>3. Safe flying height 12800 meters.</p> <p>4. Cancel this message on 31 Jul 2010.</p>																		
<p>419. Self Cancelling. Cancel Navarea VIII message 414 of 2010.</p>																		
<p>420. Arabian Sea – Off Dar-Es-Salaam. Charts 7070 7071 7072 7701. Military exercise for ranging and shooting from 0600 UTC to 0900 UTC on 23 July 2010. Danger area bounded by</p> <table> <tr> <td>(a)</td> <td>06-34.0S</td> <td>039-30.0E</td> <td>(b)</td> <td>06-34.0S</td> <td>039-45.5E</td> </tr> <tr> <td>(c)</td> <td>06-39.5S</td> <td>039-45.5E</td> <td>(d)</td> <td>06-39.5S</td> <td>039-30.0E</td> </tr> </table> <p>2. Mariners to exercise caution.</p> <p>3. Cancel this message on 24 July 2010.</p>	(a)	06-34.0S	039-30.0E	(b)	06-34.0S	039-45.5E	(c)	06-39.5S	039-45.5E	(d)	06-39.5S	039-30.0E						
(a)	06-34.0S	039-30.0E	(b)	06-34.0S	039-45.5E													
(c)	06-39.5S	039-45.5E	(d)	06-39.5S	039-30.0E													
<p>421. Self Cancelling. Navarea VIII-warning Inforce 2010 series - 138 252 297 303 314 315 352 353 361 379 380 389 391 392 396 399 411 413 416 417 418 420</p>																		
<p>422. India West Coast – Mormugao. Charts 22 257 INT 705 INT 706. Firing practice by naval aircraft between 0230 UTC to 1230 UTC from 01 Aug to 07 Aug 2010. Danger area bounded by</p> <table> <tr> <td>(a)</td> <td>15-13.00N</td> <td>73-57.00E</td> <td>(b)</td> <td>15-13.00N</td> <td>73-52.00E</td> </tr> <tr> <td>(c)</td> <td>15-11.00N</td> <td>73-52.00E</td> <td>(d)</td> <td>15-11.00N</td> <td>73-57.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres.</p> <p>3. Cancel this message on 08 Aug 2010.</p>	(a)	15-13.00N	73-57.00E	(b)	15-13.00N	73-52.00E	(c)	15-11.00N	73-52.00E	(d)	15-11.00N	73-57.00E						
(a)	15-13.00N	73-57.00E	(b)	15-13.00N	73-52.00E													
(c)	15-11.00N	73-52.00E	(d)	15-11.00N	73-57.00E													
<p>423. Self Cancelling. Cancel Navarea VIII message 413 of 2010.</p>																		
<p>424. Self Cancelling. Cancel Navarea VIII message 353 of 2010. India West Coast – New Mangalore. Charts 217 2002 2052 INT 705. Port hand buoy number 2 re-established.</p>																		
<p>425. India West Coast – Mormugao. Chart 22 257 INT 705 INT 706. Firing practice by naval aircraft between 0330 UTC to 1230 UTC on 29 Jul 2010. Danger area bounded by :</p> <table> <tr> <td>(a)</td> <td>15-13.00N</td> <td>73-57.00E</td> <td>(b)</td> <td>15-13.00N</td> <td>73-52.00E</td> </tr> <tr> <td>(c)</td> <td>15-11.00N</td> <td>73-52.00E</td> <td>(d)</td> <td>15-11.00N</td> <td>73-57.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres.</p> <p>3. Cancel this message 291500 UTC Jul 2010.</p>	(a)	15-13.00N	73-57.00E	(b)	15-13.00N	73-52.00E	(c)	15-11.00N	73-52.00E	(d)	15-11.00N	73-57.00E						
(a)	15-13.00N	73-57.00E	(b)	15-13.00N	73-52.00E													
(c)	15-11.00N	73-52.00E	(d)	15-11.00N	73-57.00E													
<p>426. Cancel Navarea VIII message 138 of 2010. India West Coast – Off Mangalore. charts 22 217 258 272 INT 72 INT 705 INT 706. New position of sunken MSV Ghouse Samdhani 12-39.0N 074-39.0E</p> <p>2. Mariners to exercise caution.</p>																		
<p>427. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by naval coast battery on following dates:</p> <table> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>03 Aug 2010</td> <td>0900 to 1200</td> </tr> <tr> <td>06 Aug 2010</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </tbody> </table> <p>2. Danger area bounded by:</p> <table> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </table> <p>3. Safe flying height 10000 meters.</p> <p>4. Cancel this message on 07 Aug 2010.</p>	Date	Time (UTC)	03 Aug 2010	0900 to 1200	06 Aug 2010	0900 to 1200 and 1230 to 1430	(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E	(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E
Date	Time (UTC)																	
03 Aug 2010	0900 to 1200																	
06 Aug 2010	0900 to 1200 and 1230 to 1430																	
(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E													
(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E													
<p>428. India West Coast – Off Mul dwarka. Charts 21 206 253 292 INT 72. MV Priyanka grounded in position 20-45.23N 070-40.73E</p> <p>2. Mariners to exercise caution.</p>																		
<p>429. India East Coast- Visakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Seaward firing practice by naval coast battery from 1500 UTC to 1700 UTC on 04 Aug 2010. Danger area bounded by:</p> <table> <tr> <td>(a)</td> <td>17-42.0N</td> <td>083-18.0E</td> <td>(b)</td> <td>17-47.0N</td> <td>083-32.0E</td> </tr> <tr> <td>(c)</td> <td>17-34.0N</td> <td>083-30.0E</td> <td>(d)</td> <td>17-28.0N</td> <td>083-18.0E</td> </tr> </table> <p>2. Safe flying height 13000 metres.</p> <p>3. Cancel this message on 05 Aug 2010.</p>	(a)	17-42.0N	083-18.0E	(b)	17-47.0N	083-32.0E	(c)	17-34.0N	083-30.0E	(d)	17-28.0N	083-18.0E						
(a)	17-42.0N	083-18.0E	(b)	17-47.0N	083-32.0E													
(c)	17-34.0N	083-30.0E	(d)	17-28.0N	083-18.0E													
<p>430. Refer Navarea VIII message 392 of 2010. India East Coast – Bay of Bengal. Charts 31 32 354 355 INT 706. Following rigs moved to new positions as given below:</p> <table> <tr> <td>DHIRUBHAI DEEPWATER KG-1</td> <td>14-49.83N</td> <td>082-02.20E</td> </tr> <tr> <td>HERCULES 258</td> <td>16-38.57N</td> <td>082-24.31E</td> </tr> <tr> <td>DHIRUBHAI DEEPWATER KG-2</td> <td>17-00.20N</td> <td>082-27.60E</td> </tr> <tr> <td>DEEP WATER FRONTIER</td> <td>16-26.40N</td> <td>082-35.40E</td> </tr> <tr> <td>DISCOVERER SEVEN SEAS</td> <td>16-23.99N</td> <td>082-23.97E</td> </tr> </table> <p>2. Mariners to exercise caution.</p>	DHIRUBHAI DEEPWATER KG-1	14-49.83N	082-02.20E	HERCULES 258	16-38.57N	082-24.31E	DHIRUBHAI DEEPWATER KG-2	17-00.20N	082-27.60E	DEEP WATER FRONTIER	16-26.40N	082-35.40E	DISCOVERER SEVEN SEAS	16-23.99N	082-23.97E			
DHIRUBHAI DEEPWATER KG-1	14-49.83N	082-02.20E																
HERCULES 258	16-38.57N	082-24.31E																
DHIRUBHAI DEEPWATER KG-2	17-00.20N	082-27.60E																
DEEP WATER FRONTIER	16-26.40N	082-35.40E																
DISCOVERER SEVEN SEAS	16-23.99N	082-23.97E																

<p>431. India East Coast – Krishnapatnam. Charts 31 32 33 356 3007 INT 706. Krishnapatnam DGPS station Id no 116 is off air.</p> <p>2. Mariners to exercise caution.</p>												
<p>432. India West Coast- Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Seaward firing practice by Naval Coast Battery between 1030 UTC to 1230 UTC on 05 Aug 2010.</p> <p>2. Danger area from 240 degree to 015 degree (through 270 degree) up to 13 miles seaward from 22-28.7N 069-04.0E. Danger area bounded by:</p> <table> <tr> <td>(a)</td> <td>22-22.0N</td> <td>068-50.0E</td> <td>(b)</td> <td>22-37.0N</td> <td>068-53.0E</td> </tr> <tr> <td>(c)</td> <td>22-42.0N</td> <td>069-08.0E</td> <td>(d)</td> <td>22-29.0N</td> <td>069-04.0E</td> </tr> </table> <p>3. Safe flying height 13000 metres.</p> <p>4.. Cancel this message on 06 Aug 2010.</p>	(a)	22-22.0N	068-50.0E	(b)	22-37.0N	068-53.0E	(c)	22-42.0N	069-08.0E	(d)	22-29.0N	069-04.0E
(a)	22-22.0N	068-50.0E	(b)	22-37.0N	068-53.0E							
(c)	22-42.0N	069-08.0E	(d)	22-29.0N	069-04.0E							
<p>433. Self Cancelling. NAVAREA VIII-Warning Inforce: 2010 Series: 252 297 303 314 315 352 361 379 380 389 391 392 396 399 417 418 422 426 427 428 429 430 431 432</p>												



6.1

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

-NIL-

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7083-81	- Port Est. W Basin. Ldg Lts 265°. Front (FR)	20 55-95 S 55 18-66 E	Q G	..	..	..	(P) 2010
*	*	*	*	*	*	*	*
D7083-82	- Port Est. W Basin. Ldg Lts 265°. Rear (FR)	20 55-95 S 55 18-61 E	Q G	..	..	..	(P) 2010
*	*	*	*	*	*	*	*
D7083-9	Remove from list.						
D7083-91	Remove from list.						
D7324-835	- ABG Marina. Breakwater. End	23 48-52 N 57 34-33 E	Fl(3)W 10s	4	5	Grey metal post 2	*
*	*	*	*	*	*	*	*
D7336-2	MīnāKhasab. Breakwater. Head (AMNAS)	26 12-65 N 56 14-68 E	Fl G 5s	..	3	Grey metal post	*
*	*	*	*	*	*	*	*
D7336-25	MīnāKhasab. Groyne	26 12-40 N 56 14-60 E	Fl R 5s	..	3	Grey metal post	*
*	*	*	*	*	*	*	*
D7364	- Khawr al Baṭīn. W Breakwater. Head	24 28-63 N 54 17-99 E	Fl W 3s	..	..	Beacon	*
D7364-2	- Khawr al Baṭīn. E Breakwater. Head	24 28-04 N 54 18-16 E	Fl W 3s	..	..	Beacon	*
D7393-92	- Al-Khor Dock. Ldg Lts 278°. Front. FLE	25 55-78 N 51 36-05 E	Q R	11	8	Orange Δ on white beacon	*
D7393-93	- Al-Khor Dock. Ldg Lts 278°. Rear. 900m from front. RLE	25 55-84 N 51 35-51 E	Q R	22	8	Orange ∇ on white beacon	*
D9192	- Bukha A	26 14-67 N 56 03-32 E	Mo(U)W 15s	..	10	Platform	
--	--	..	Horn Mo(U) 30s	..	..	..	ILRS Vol 2 Station 76720
--	--	..	Racon	..	..	..
*	*	*	*	*	*	*	*
E6021-1	Remove from list.						
E6021-15	Remove from list.						
E6021-55	Remove from list.						
E6021-57	Remove from list.						
E6022	Remove from list.						
E6022-2	Remove from list.						
E6029-5	Remove from list.						
E6029-9	Remove from list.						

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 07 dated 01 Apr 2009)

NIL

INP 31(2), 2007

(Last correction: Edition No. 04 dated 16 Feb 10)

NIL

BA, VOLUME 3 Part 1, NP 283(1), 2006/07

(Last correction: Edition No. 15 dated 01Aug 2006)

NIL

INP 31(5), 1997

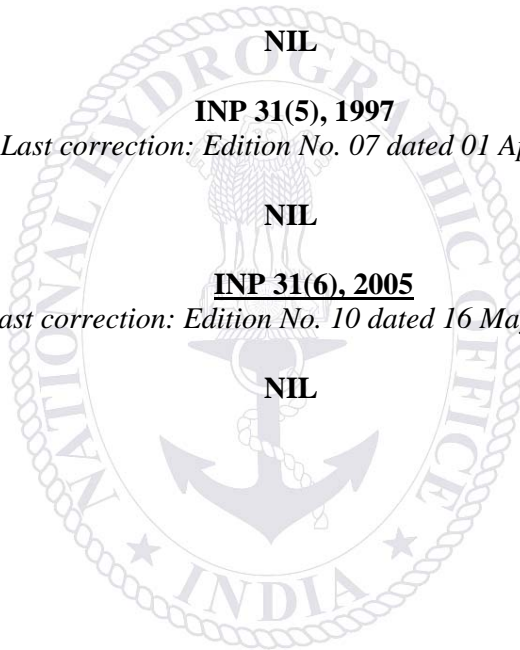
(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 10 dated 16 May 2010)

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

To accompany Indian Notice to Mariners 202/10

Chart 255

ANCHORAGE AREA (BRAVO EAST AND WEST)

Smaller vessels may anchor in BRAVO 'EAST' and other vessels in BRAVO 'WEST' in accordance with the charted depths keeping clear off the cable and foul ground.

To accompany Indian Notice to Mariners 202/10

Chart 211

ANCHORAGE AREA (BRAVO EAST AND WEST)

Smaller vessels may anchor in BRAVO 'EAST' and other vessels in BRAVO 'WEST' in accordance with the charted depths keeping clear off the cable and foul ground.

To accompany Indian Notice to Mariners 202/10

Chart 2016

ANCHORAGE AREA (BRAVO EAST AND WEST)

Smaller vessels may anchor in BRAVO 'EAST' and other vessels in BRAVO 'WEST' in accordance with the charted depths keeping clear off the cable and foul ground.

FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

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