



INDIAN NOTICES TO MARINERS



EDITION NO. 04 DATED 15 FEB 2012

(CONTAINS NOTICES 068 TO 073)

REACH US 24 x 7



in的角度@nic.in
msis-in的角度@nic.in



+91-135-2748373



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



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

WWW

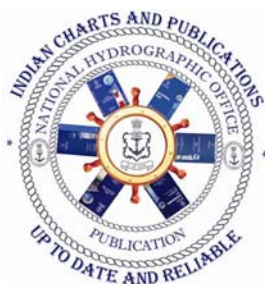
www.hydrobharat.nic.in

CONTENTS

<u>Section No.</u>	<u>Title</u>
I	List of Charts Affected
II	Permanent Notices
III	Temporary and Preliminary Notices
IV	Marine Information
V	NAVAREA VIII Warnings in force
VI	Corrections to Sailing Directions
VII	Corrections to List of Lights
VIII	Corrections to List of Radio Signals
IX	Reporting of Navigational Dangers

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

FEEDBACK: msis-in的角度@nic.in



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



© Govt. of India Copyright

No permission is required to make copies of these Notices. However, such copies are not to be commercially sold.

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 Charts that are available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2106	31-12-2011	Mundra Port. <u>Limits</u> 22° 45' .85N; 69° 45' .20E. 22° 41' .50N; 69° 38' .00E.	12,500	2	Rs. 1527.00
2107	31-12-2011	Mundra Port West Basin <u>Limits</u> 22° 46' .70N; 69° 37' .20E. 22° 40' .00N; 69° 32' .50E.	12,500	2	Rs. 1527.00
3038	31-12-2011	Approaches to Dhamra Port. <u>Limits</u> 20° 56' .20N; 87° 10' .25E. 20° 47' .50N; 86° 56' .10E.	12,500	5	Rs. 1527.00

2. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
211	SATPATI TO MURUD JANJIRA	1,50,000	New Edition
2034 (INT7349)	HAZIRA PORT	10,000	New Chart
2083 (INT7339)	APPROACHES TO SIKKA	37,500	New Chart
	RELIANCE TANKER BERTHS	5,000	

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 The Indian Charts permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
2021	15-02-2004	Mundra Port	2106	31-10-2011

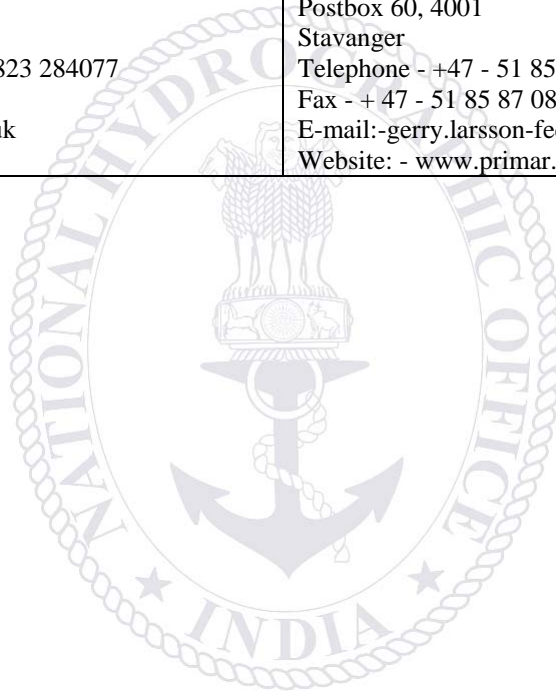
4. The forthcoming Indian Publication is as follows:-

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

Availability of ENC's.

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

<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in</p>	<p>Director, 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 068 to 073 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
351(INT 7419)	5	071, 072
352(INT 7416)	5	072
2016	3	073
2017	2	070
2059 (INT 7322)	2	070
2079	2	068
2105	3	069
3010(INT 7418)	5	072
3017	5	068, 071



SECTION – II PERMANENT NOTICES

***068/(04/12) Miscellaneous updates to charts**

Source: NHO Dehradun		
Chart	Previous Updates	Details
3017	031/12	Insert Chart No. 3038 and Magenta limit as follows: North: 20° 56' .20N., East: 87° 10' .25E South: 20° 47' .50N., West: 86° 56' .10E
		Delete Chart No. 3037 and Magenta limit as follows: North: 20° 52' .30N., East: 87° 01' .30E South: 20° 45' .60N., West: 86° 56' .60E
2079	032/12	Insert Chart No. 2106 and Magenta limit as follows: North: 22° 45' .85N., East: 69° 45' .20E South: 22° 41' .50N., West: 69° 38' .00E
		Insert Chart No. 2107 and Magenta limit as follows: North: 22° 46' .70N., East: 69° 37' .20E South: 22° 40' .00N., West: 69° 32' .50E

***069/(04/12) INDIA – WEST COAST – Jaigarh Port – tidal stream values.**

Source: NHO Dehradun

(HJ/1030/76)

Chart 2105 [previous update NC 30 Nov 2011]

Insert accompanying block showing amendments to tidal stream values centered on:

17° 20' .29N., 73° 14' .72E.

***070/(04/12) INDIA – WEST COAST – Navlakhi Port – Buoys.**

Source: GMB.

(HJ/1130/29)

Chart 2017 [previous update NC 31 May 2008]

Insert



Fl.G.10s
No.1

22° 52' .60N., 70° 14' .27E.



Fl.R.10s
No.2

22° 53' .30N., 70° 14' .56E.



Fl.R.10s
No.3

22° 53' .86N., 70° 15' .77E.



Fl.G.10s
No.4

22° 53' .84N., 70° 17' .60E.



Fl.R.10s
No.5

22° 54' .40N., 70° 18' .50E.

Delete



No.1

22° 53' .74N., 70° 16' .15E.



No.2

22° 54' .50N., 70° 17' .33E.



No.3

22° 54' .10N., 70° 18' .58E.



No.4

22° 55' .22N., 70° 20' .35E.



No.5

22° 55' .49N., 70° 23' .56E.



No.6

22° 57' .50N., 70° 24' .27E.



Navlakhi Buoy

22° 53' .18N., 70° 14' .63E.

***070/(04/12) INDIA – WEST COAST – Navlakhi Port – Buoys. (Continued)**

Chart 2059(INT7322) [previous update 115/10]

Insert		<i>Fl.G.10s</i> <i>No.1</i>	22° 52′.57N., 70° 14′.28E.
		<i>Fl.R.10s</i> <i>No.2</i>	22° 53′.27N., 70° 14′.57E.
		<i>Fl.R.10s</i> <i>No.3</i>	22° 53′.83N., 70° 15′.78E.
Delete		<i>No.1</i>	22° 53′.71N., 70° 16′.16E.
		<i>Navlakhi Buoy</i>	22° 53′.15N., 70° 14′.64E.

***071/(04/12) INDIA – EAST COAST – Dhamra Port – Radar Beacon, Foul Ground, Anchorage Area, Pilot Boarding Place, Legends.**

Source: NHO

(HJ/1129/02)

Chart 351(INT7419) [previous update 248/11]






Insert	radar beacon, Racon(D), at buoy:		20° 55′.46N., 87° 07′.12E.
	limit of anchorage area,  , joining:		20° 58′.00N., 87° 10′.00E.
			21° 00′.80N., 87° 10′.00E.
			21° 02′.00N., 87° 13′.50E.
			20° 58′.00N., 87° 15′.00E.
			20° 56′.80N., 87° 08′.20E.

Chart 3017 [previous update 068/12]








Insert	radar beacon, Racon(D), at buoy:		20° 55′.41N., 87° 07′.25E.
	limit of foul ground,  #  , joining:		20° 54′.56N., 87° 08′.09E.
			20° 55′.09N., 87° 09′.10E.
			20° 53′.24N., 87° 10′.03E.
			20° 52′.71N., 87° 09′.29E.
	legend “Buoyed Channel (See Note)”, centered on:		20° 52′.25N., 87° 01′.50E.
	Accompanying note, “BUOYED CHANNEL”, centered on:		20° 51′.70N., 86° 47′.50E.

***072/(04/12) INDIA – EAST COAST – Paradip Port – Buoys.**

Source: Paradip Port trust, Hydrographic Note INS Darshak.

(HJ/1129/03)

Chart 3010 (Plan) INT 7418 [previous update 280/11]

Insert		<i>Fl.G.3s.4M</i> <i>No.5</i>	20° 14′.103N., 86° 43′.919E.
		<i>Fl.G.3s.4M</i> <i>No.7</i>	20° 14′.755N., 86° 42′.726E.
		<i>Fl.G.3s.4M</i> <i>No.9</i>	20° 15′.422N., 86° 41′.541E.
		<i>Fl.R.3s.4M</i> <i>No.6</i>	20° 13′.877N., 86° 43′.781E.
		<i>Fl.R.3s.4M</i> <i>No.8</i>	20° 14′.539N., 86° 42′.594E.
		<i>Fl.R.3s.4M</i> <i>No.10</i>	20° 15′.192N., 86° 41′.401E.
		<i>Fl.4s.10M</i>	20° 14′.128N., 86° 43′.130E.

***072/(04/12) INDIA – EAST COAST – Paradip Port – Buoys. (Continued)**


Delete	 <i>Fl.10s</i>	20° 14′.500N., 86° 42′.460E.
	 <i>Fl.R.4s.</i> <i>No.2</i>	20° 15′.340N., 86° 41′.064E.

Chart 3010 (INT 7418) [previous update 280/11]









Insert	 <i>Fl.4s.10M</i>	20° 14′.13N., 86° 43′.13E.
Delete	 <i>Fl.10s</i>	20° 14′.50N., 86° 42′.46E.
	 <i>Fl.R.4s.</i>	20° 15′.34N., 86° 41′.06E.
	 <i>F.R</i>	20° 17′.69N., 86° 42′.84E.
	 <i>F.R</i>	20° 17′.28N., 86° 43′.43E.
	 <i>Bn.F.R.10m</i>	20° 17′.46N., 86° 43′.10E
	 <i>Fl.G</i> <i>No.1</i>	20° 17′.52N., 86° 43′.44E
	 <i>Fl.G</i> <i>No.2</i>	20° 17′.66N., 86° 43′.35E

Chart 352 (INT 7416) [previous update 280/11]

Insert	 <i>Fl.4s.10M</i>	20° 14′.13N., 86° 43′.13E.
Delete	 <i>Fl.10s</i>	20° 14′.50N., 86° 42′.46E.

Chart 351 (INT 7419) [previous update 071/12]

Insert	 <i>Fl.4s.10M</i>	20° 14′.13N., 86° 43′.13E.
Delete	 <i>Fl.10s</i>	20° 14′.50N., 86° 42′.46E.

***073/(04/12) INDIA – WEST COAST – Approaches to Mumbai – Light. Title Note**

Source: NHO
(HJ/1030/82)

Chart 2016 [previous update 060/12]

Amend	light to, Q.R.54m	18° 56′.70N., 72° 56′.31E.
	Special Edition Notice no. to, “13”, centered on:	18° 44′.79N., 72° 54′.09E.
	Special Edition Notice no. to, “21”, centered on:	18° 44′.05N., 72° 54′.52E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

-NIL-



SECTION – IV
MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

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

(Source - NAVAREA VIII Warning 305/08)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

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

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

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

2. NAVAREA VIII Warnings Inforce as on 16 Feb 12.

2011 SERIES – 225 228 442 574 596 604 704 708 720

2012 SERIES – 024 031 034 035 037 040 041 043 049 055 066 067 068 069 071 072 076 077
080 081 082 083

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

048. 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 1130 UTC from 08 Feb to 10 Feb 12. Danger zone bounded by:					
(a)	20-42.85N	087-02.48E	(b)	21-09.80N	086-50.51E
(c)	21-22.11N	086-56.33E	(d)	21-28.00N	087-12.25E
(e)	21-33.40N	087-39.25E	(f)	21-13.45N	087-57.23E
(g)	20-34.61N	087-42.66E	(h)	20-30.81N	087-29.55E
2.	Caution advised.				
3.	Cancel this MSG 101230 UTC Feb 12.				
049. Cancel NAVAREA VIII 256/11 299/11 343/11 346/11 and 725/11. India West Coast – Gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Following vessels broken their anchors/cables in following positions:					
	VESSEL	POSITION			
	STAR SEA COSMAOS	21-38.41N 072-25.04E			
	MV SIAM PROJECT	21-41.48N 072-24.98E and 21-41.90N 072-25.24E			
	MV MALATHI	21-01.89N 072-36.08E			
	M/V KRAIARCTIC DIGNITY	21-41.39N 072-23.61E and 21-41.19N 072-23.55 E			
	M/V BIANCO ZEALAND	21-40.40N 072-28.20E			
	BARGE VIKRANT DOLPHIN	21-37.00N 072-24.50E			
	M/V KOTA ABADI	21-42.00N 072-22.90E			
2.	Caution advised.				
050. India West Coast – Gulf of Kachchh. Charts 21 2068 INT 705. Salaya channel marking buoys Paga retrieved for maintenance.					
051. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig List. Correct at 021001 UTC Feb 12:					
	ABAN ICE	21-31.61N	068-27.25E		
	ABAN III	19-11.98N	072-11.00E		
	ABAN IV	19-40.40N	071-19.38E		
	ABAN VII	18-34.40N	072-25.40E		
	DEEP SEA FOSSIL	22-25.00N	068-14.25E		
	DEEP SEA FORTUNE	18-34.76N	072-16.76E		
	GREATDRILL CHETNA	20-01.34N	072-00.62E		
	GREATDRILL CHITRA	19-38.00N	071-21.73E		
	JT ANGEL	19-18.55N	071-27.53E		
	KEDARNATH	20-15.13N	071-28.24E		
	NOBLE KENNETH DELANEY	19-21.80N	071-23.85E		
	NOBLE CHARLIE YESTER	21-03.00N	072-23.00E		
	NOBLE ED HOLT	19-40.15N	072-00.33E		
	RON TAPPMAYER	19-34.16N	071-25.13E		
	SAGAR GAURAV	22-22.06N	068-28.73E		
	SAGAR KIRAN	20-20.03N	072-07.55E		
	SAGAR LAXMI	18-36.16N	071-01.65E		
	SAGAR PRAGATI	18-32.26N	072-15.45E		
	SAGAR SAMRAT	19-32.13N	071-18.81E		
	TRIDENT – 2	19-26.06N	071-24.26E		
	TRIDENT – 12	19-08.00N	071-52.08E		

051. Continued. VIRTUE 1 Wide berth requested. 2. Cancel NAVAREA VIII 020/12.	19-05.35N	072-06.88E
052. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 021002 UTC Feb 12: DISCOVERER SEVEN SEAS DHIRUBHAI DEEPWATER KG-1 SAGAR BHUSHAN DEEP DRILLER-1 PLATINUM EXPLORER ABAN II SAGAR JYOTI DEEP SEA MATDRILL MG HULME JR Wide berth requested. 2. Cancel NAVAREA VIII 045/12.	19-56.11N 17-59.88N 16-15.30N 16-40.12N 18-10.45N 17-02.43N 16-11.86N 16-16.38N 16-35.73N	088-15.56E 086-03.16E 082-10.68E 082-25.74E 085-34.65E 082-21.85E 081-44.83E 081-43.86E 082-27.06E
053. India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 07 Feb to 11 Feb 12 in area bounded by: (a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.87E (c) 18-46.05N 085-22.87E And arc of 41 nm radius joining point (b) and (c). 2. Safe flying height 7000 metres. 3. Cancel this MSG 111900 UTC Feb 12.		
054. Cancel NAVAREA VIII 044/12. India west coast-off Jaigarh. Charts 21 22 256 293 INT 705. Firing by Naval Ships from 0130 UTC to 0730 UTC on 04 Feb 12 in area bounded by (a) 17-38N 072-18E (b) 17-20N 072-40E (c) 17-00N 072-18E (d) 17-22N 071-55E 2. Safe flying height 8000 metres. 3. Cancel this MSG 040830 UTC Feb 12.		
055. Myanmar - Gulf of Martaban. Charts 41 451 INT 706. Survey Vessel MV BGP Explorer will carry out 3d Marine Seismic acquisition survey till 23 Feb 12 in area bounded by (a) 15-36.02N 094-57.60E (b) 15-36.15N 095-39.57E (c) 15-19.88N 095-39.60E (d) 15-19.75N 094-57.68E 2. Wide berth of 03 NM around the area requested. 3. Cancel this MSG 240001UTC Feb 12.		
056. Cancel NAVAREA VIII 050/12 and this MSG. Salaya Channel marking Buoy PAGA re-established.		
057. NAVAREA VIII-Messages in force as on 031002 UTC Feb 12 2011 SERIES: - 225 228 409 442 574 589 596 604 704 708 720 2012 SERIES: - 003 024 031 033 034 035 037 040 041 043 046 047 048 049 051 052 053 054 055 056 (a) NAVAREA VIII warnings less than 42 days old (720/11 onward) are promulgated via safetynet (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners 2. Cancel This MSG 101001 UTC Feb 12.		
058. India West Coast – Gulf of Kachchh. Charts 21 203 2068 2079 INT 705. Salaya channel marking buoy Tilburn temporarily removed.		
059. Indian Ocean – off Tanzania. Charts INT 71 INT 72 INT 701. Half submerged white hull vessel of length 30 metres reported adrift in vicinity 08-34.0S 043-31.3E at 031417 UTC Feb 12. 2. Cancel this MSG 131417 UTC Feb 12.		
060. Cancel NAVAREA VIII 046/12. Bay of Bengal – Northern Portion. Charts 31 32 33 391 INT 71 INT 706. Firing practice by Naval ships from 070230 UTC to 081430 UTC Feb 12 in area bounded by: (a) 16-10N 083-30E (b) 14-50N 082-00E (c) 14-00N 086-10E (d) 13-00N 085-10E 2. Safe flying height 22000 metres. 3. Cancel this MSG 081530 UTC Feb 12.		
061. India East Coast – Bay of Bengal. Chart 31 353 INT 706. Man overboard reported by MV Tamil Anna in vicinity 19-22N 086-36E AT 051207 UTC Feb 12. 2. Vessels transiting through the area to keep sharp look out and render assistance.		

062. Cancel NAVAREA VIII 048/12. 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 1130 UTC from 10 Feb to 11 Feb 12. Danger zone bounded by:				
(a)	20-42.85N	087-02.48E	(b)	21-09.80N 086-50.51E
(c)	21-22.11N	086-56.33E	(d)	21-28.00N 087-12.25E
(e)	21-33.40N	087-39.25E	(f)	21-13.45N 087-57.23E
(g)	20-34.61N	087-42.66E	(h)	20-30.81N 087-29.55E
2. Caution advised.				
3. Cancel this MSG 111230 UTC Feb 12.				
063. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 703. Piracy. Possible pirate activity in vicinity 05-03S 066-07E at 060442 UTC Feb 12.				
2. Caution advised.				
3. Cancel this MSG 090442 UTC Feb 12.				
064. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 061106 UTC Feb 12:				
	DISCOVERER SEVEN SEAS	19-56.11N		088-15.56E
	DHIRUBHAI DEEPWATER KG-1	17-59.88N		086-03.16E
	SAGAR BHUSHAN	16-15.30N		082-10.68E
	DEEP DRILLER-1	16-40.05N		082-27.90E
	PLATINUM EXPLORER	18-10.45N		085-34.65E
	ABAN II	17-02.43N		082-21.85E
	SAGAR JYOTI	16-11.86N		081-44.83E
	DEEP SEA MATDRILL	16-16.38N		081-43.86E
	MG HULME JR	16-35.73N		082-27.06E
Wide berth requested.				
2. Cancel NAVAREA VIII 052/12.				
065. Cancel NAVAREA VIII 058/12 and this MSG. Salaya channel marking buoy Tilburn re-established.				
066. Andaman sea – Tillanchang Island. Charts 41 408 472 4037 INT 706. Tillanchang Island light unlit.				
067. India West Coast – Karwar. Charts 22 215 216 257 293 2008 2010 INT 705. Karwar harbour south breakwater Round Island light unlit.				
068				
INDIA WEST COAST-KOLACHEL. CHARTS 22 32 223 260 262 263 INT 706. KOLACHEL LIGHT UNLIT				
069. Cancel NAVAREA VIII 409/11. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada Channel marking buoy no 1 buoy no 3 and buoy no 6 unlit. Buoy no 7 temporarily removed.				
070. India West Coast – off New Mangalore. Charts 22 258 272 293 INT 705 INT 706. Firing by Coast Guard from 110430 UTC to 110830 UTC Feb 12 in area bounded by:				
(a)	13-00.0N	074-47.0E	(b)	13-00.0N 074-15.0E
(c)	13-30.0N	074-15.0E	(d)	13-30.0N 074-40.1E
2. Safe flying height 2500 metres.				
3. Cancel this MSG 110930 UTC Feb 12.				
071. Andaman Sea – Northern Part. Charts 41 451 INT 706. Survey vessel MV Genesis will carry out geophysical site investigation survey from 09 Feb to 09 Mar 12 in following areas:				
Block (M-3)				
(a)	15-30.52N	095-11.75E	(b)	15-30.55N 095-20.95E
(c)	15-23.96N	095-20.97E	(d)	15-23.93N 095-11.77E
Block (M-9)				
(a)	14-25.95N	095-46.15E	(b)	14-25.95N 096-04.95E
(c)	14-00.16N	096-04.95E	(d)	14-00.15N 095-46.17E
2. Wide berth of 03 nm around the areas requested.				
3. Cancel this MSG 100001 UTC Mar 12.				
072. India West Coast – Arabian sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. correct at 081003 UTC Feb 12:				
	ABAN ICE	21-31.61N		068-27.25E
	ABAN III	19-11.98N		072-11.00E
	ABAN IV	19-40.40N		071-19.38E
	ABAN VII	18-34.40N		072-25.40E
	DEEP SEA FOSSIL	22-25.00N		068-14.25E
	DEEP SEA FORTUNE	20-40.06N		072-13.03E
	GREATDRILL CHETNA	20-01.34N		072-00.62E
	GREATDRILL CHITRA	19-38.00N		071-21.73E

072. Continued.		
JT ANGEL	19-18.55N	071-27.53E
KEDARNATH	20-15.13N	071-28.24E
NOBLE KENNETH DELANEY	19-21.80N	071-23.85E
NOBLE CHARLIE YESTER	21-03.00N	072-23.00E
NOBLE ED HOLT	19-40.15N	072-00.33E
RON TAPPMEYER	19-34.16N	071-25.13E
SAGAR GAURAV	22-22.06N	068-28.73E
SAGAR KIRAN	20-20.03N	072-07.55E
SAGAR LAXMI	18-36.16N	071-01.65E
SAGAR PRAGATI	18-32.26N	072-15.45E
SAGAR SHAKTI	19-57.30N	072-19.18E
SAGAR SAMRAT	19-32.13N	071-18.81E
TRIDENT – 2	19-26.06N	071-24.26E
TRIDENT – 12	19-08.00N	071-52.08E
VIRTUE 1	19-05.35N	072-06.88E
Wide berth requested.		
3.	Cancel NAVAREA VIII 589/11 and 051/12.	
073. Indian Ocean – Western Part.	Charts INT 72 INT 73 INT 702 INT 703. Piracy. M/V attacked in vicinity 04-18S 059-59E	
2.	Caution advised.	
3.	Cancel this MSG 111001 UTC Feb 12.	
074. India East Coast – Bay of Bengal.	Charts 31 32 33 355 391 INT 706. Firing will be carried out from 110230 UTC to 110930 UTC Feb 12 in area bounded by:	
	(a) 14-00N 082-10E	(b) 15-20N 082-10E
	(c) 15-20N 083-30E	(b) 14-00N 083-30E
2.	Safe flying height 8000 metres.	
3.	Cancel this MSG 111030 UTC Feb 12.	
075. Cancel NAVAREA VIII 062/12 and this MSG.		
076 NAVAREA VIII – messages in force as on 101002 UTC Feb 12:		
2011 Series: -	225 228 442 574 596 604 704 708 720	
2012 Series: -	024 031 034 035 037 040 041 043 049 053 055 059 061 064 066 067 068 069 070 071 072 073 074 075	
(a)	NAVAREA VIII warnings less than 42 days old (024/12 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 171001 UTC Feb 12.	
077. India East Coast – Bay of Bengal.	Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 101430 UTC Feb 12:	
DISCOVERER SEVEN SEAS	19-56.11N	088-15.56E
DHIRUBHAI DEEPWATER KG-1	17-59.88N	086-03.16E
SAGAR BHUSHAN	16-15.30N	082-10.68E
DEEP DRILLER-1	16-40.05N	082-27.90E
PLATINUM EXPLORER	17-28.60N	085-14.30E
ABAN II	17-02.43N	082-21.85E
SAGAR JYOTI	16-11.86N	081-44.83E
DEEP SEA MATDRILL	16-16.38N	081-43.86E
MG HULME JR	16-35.73N	082-27.06E
Wide berth requested.		
2.	Cancel NAVAREA VIII 064/12.	
078. India West Coast – Trivandrum.	Charts 22 32 222 260 INT 706. RH 200 rocket launch from Thumba Equatorial Rocket Launching station 08-31.98N 076-52.05E between 0500 UTC to 0700 UTC on 15 Feb 12.	
2.	Danger zones	
(a)	Sector of radius 05 nm from launcher between azimuth angles 190 degree and 300 degree.	
(b)	Sector of radii 45 nm and 75 nm from the launcher between azimuth angles 220 degree and 260 degree.	
3.	Cancel this MSG 150800 UTC Feb 2012.	

079. Indian Ocean – Off Reunion Island. Charts INT 70 INT 71 INT 72 INT 702 INT 735. Naval Gunnery exercise from 140700 UTC to 141300 UTC FEB 12 in area bounded by				
(a)	21-12.0S	054-57.0E	(b)	21-26.0S 055-02.5E
(c)	21-31.2S	054-47.4E	(d)	21-17.2S 054-42.0E
2. Cancel this MSG 141500 UTC Feb 12.				
080. India East Coast – Krishnapatnam. Charts 31 32 33 356 391 INT 71. Krishnapatnam light 14-15.32N 080-07.59E unreliable.				
081. India West Coast- Off Kochi. Charts 22 32 220 221 259 260 2004 2029 2045 INT 706. Hydrographic survey will be carried out from 141830 UTC Feb 12 to 081830 UTC Mar 12 in area bounded by				
(a)	10-55N	076-22E	(b)	10-55N 075-25E
(c)	09-30N	075-25E	(d)	09-30N 076-22E
2. Caution advised.				
3. Cancel this MSG 081930 UTC mar 12.				
082. Cancel NAVAREA VIII 061/12 and this MSG.				
083. India West Coast-Gulf of Kachchh. Charts 21 203 2068 INT 705. Salaya channel marking buoy Kachchh temporarily removed.				



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)

Bay of Bengal Pilot (INP-2)

Chapter -3 (Page – 150)

(Source: INS Nirupak)

Article 3.44 a, para 7, line 6

Delete text “Pilot boards approximately 1 mile east of fairway buoy” and replace by “Pilot boards at position 20° 56.8' N, 087° 08.2' E”

Article 3.44 a, insert at the end of para 8

The co-ordinates of the recommended anchorage are as follows:-

- (i) 20° 58.0' N, 087° 10.0'E
- (ii) 21° 00.8' N, 087° 10.0'E
- (iii) 21° 02.0' N, 087° 13.5'E
- (iv) 20° 58.0' N, 087° 15.0'E

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

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

NIL

INP 31(5), 1997

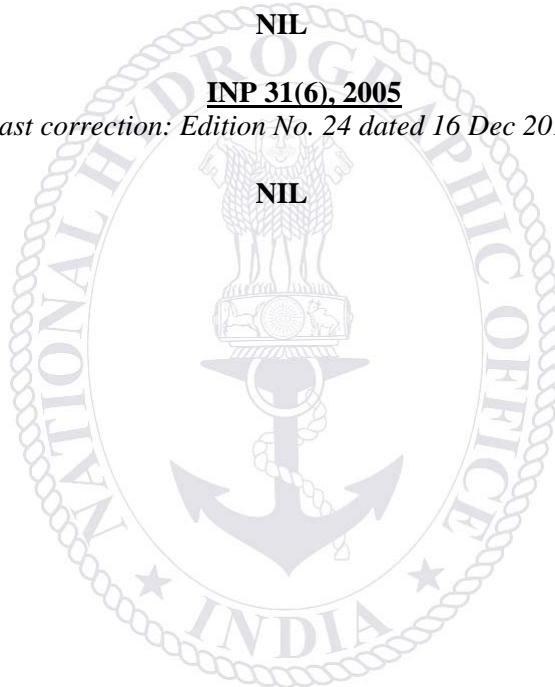
(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 24 dated 16 Dec 2011)

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 069/12

Chart 3017

BUOYED CHANNEL

Mariners are advised to refer large scale
chart of area for buoy details.

To accompany Notice to Mariners No. 069/2012

Tidal Streams referred to HW at JAIGARH									
Hours	◇	Geographical Position		◇ A	17°19,24' N 73 11,59 E	◇ B	17°17,05' N 73 10,75 E		
Before High Water	6	Directions of streams (degrees) Rates at spring tides (knots) Rates at neap tides (knots)	-6	059	0,3	0,2	030	0,2	0,1
	5		-5	118	0,1	0,0	060	0,3	0,1
	4		-4	077	0,4	0,2	053	0,4	0,2
	3		-3	091	0,5	0,2	233	0,1	0,1
	2		-2	002	0,5	0,2	320	0,3	0,2
	1		-1	100	0,4	0,2	276	0,2	0,1
High Water			0	117	0,3	0,1	038	0,1	0,1
After High Water	1		+1	186	0,2	0,1	220	0,2	0,1
	2		+2	255	0,4	0,2	200	0,2	0,1
	3		+3	253	0,5	0,2	191	0,2	0,1
	4		+4	249	0,5	0,2	180	0,2	0,1
	5		+5	227	0,1	0,0	150	0,0	0,0
	6		+6	090	0,2	0,1	355	0,2	0,1

Block Correction for Chart No. 2105



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