



INDIAN NOTICES TO MARINERS



EDITION NO. 02 DATED 16 JAN 2013

(CONTAINS NOTICES 044 TO 051)

REACH US 24 x 7



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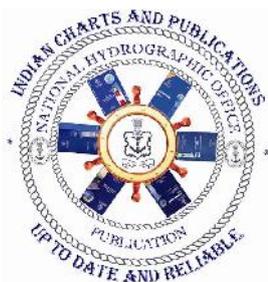
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

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



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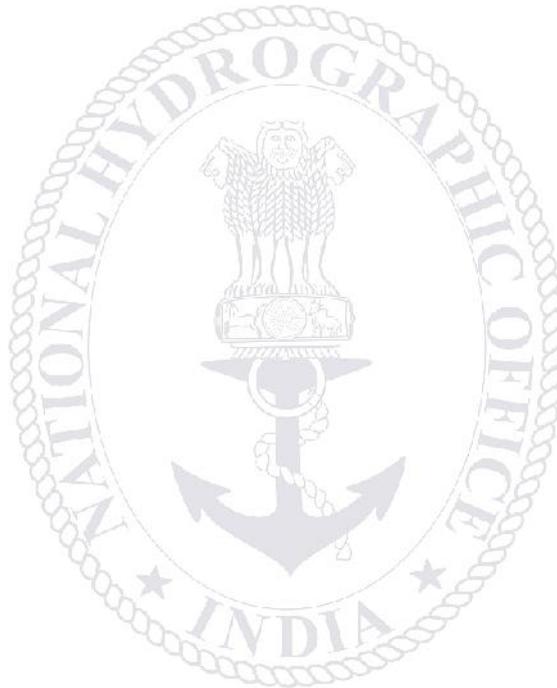
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II

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 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 Charts that is 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>
2074	30-11-2012	PAWAS BAY- RANPAR PORT <u>Limits</u> 16° 52'.20N; 73° 14'.30E. 16° 54'.75N; 73° 18'.00E.	10,000	3	Rs. 1870.00
2504	30-11-2012	MATHURIN HARBOUR <u>Limits</u> 19° 42'.40S; 63° 23'.00E. 19° 38'.00S; 63° 26'.43E.	12,500	7	Rs. 1870.00
2508	15-11-2012	KAASHIDHOO TO NORTH MALE ATOLL <u>Limits</u> 05° 33'.50N; 73° 20'.50E. 05° 00'.00N; 73° 38'.00E.	50,000	1	Rs. 1870.00
3036	30-11-2012	CHEMPLAST SANMAR CUDDALORE TERMINAL <u>Limits</u> 11° 36'.00N; 79° 45'.00E. 11° 39'.80N; 79° 50'.40E.	15,000	5	Rs. 1870.00
3037	30-11-2012	DHAMRA PORT <u>Limits</u> 20° 45'.60N; 86° 56'.60E. 20° 52'.30N; 87° 01'.30E.	12,500	5	Rs. 1870.00
4042	30-11-2012	CHOWRA ISLAND <u>Limits</u> 08° 24'.75N; 93° 01'.20E. 08° 30'.00N; 93° 05'.00E.	15,000	6	Rs. 1870.00
4163	30-11-2012	APPROACHES TO CHOWRA ISLAND <u>Limits</u> 08° 22'.30N; 92° 55'.00E. 08° 31'.10N; 93° 08'.40E.	25,000	6	Rs. 1870.00
4164	30-11-2012	TARASA DWIP <u>Limits</u> 08° 10'.00N; 93° 03'.20E. 08° 23'.40N; 93° 12'.00E.	25,000	6	Rs. 1870.00
4165	30-11-2012	BOMPOKA ISLAND <u>Limits</u> 08° 07'.20N; 93° 10'.50E. 08° 20'.60N; 93° 19'.30E.	25,000	6	Rs. 1870.00
4177	30-11-2012	TILLANCHANG ISLAND <u>Limits</u> 08° 22'.60N; 93° 33'.20E. 08° 36'.60N; 93° 42'.00E.	25,000	6	Rs. 1870.00

VI

2. The Indian Chart permanently withdrawn is 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>
2074	31-08-2008	PAWAS BAY- RANPAR PORT	2074	30-11-2012
2504	31-08-2008	MATHURIN HARBOUR	2504	30-11-2012
3036	28-02-2009	CHEMPLAST SANMAR CUDDALORE TERMINAL	3036	30-11-2012
3037	30-10-2011	DHAMRA PORT	3037	30-11-2012
4042	31-01-2011	CHOWRA ISLAND	4042	30-11-2012

2. The forthcoming Indian Charts are as follows:-

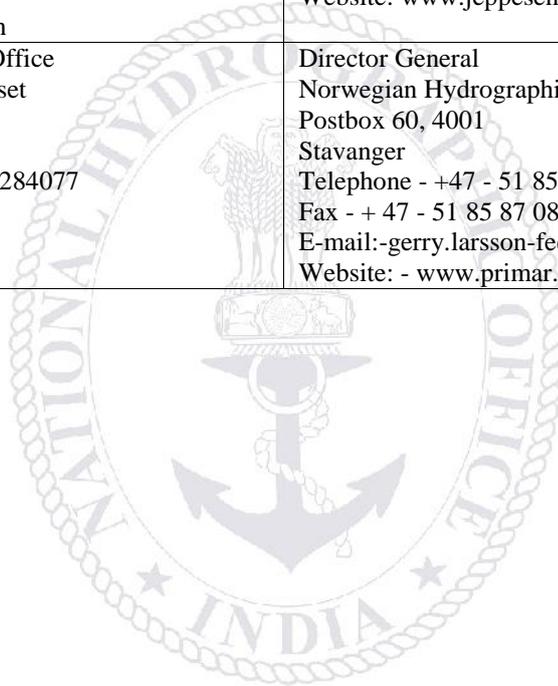
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2016 (INT 7336)	INNER APPROACHES TO MUMBAI	60,000	New Edition
2034 (INT 7349)	HAZIRA PORT	10,000	New Chart
2108	ESSAR BULK TERMINAL	12,500	New Chart
2109	TAPI RIVER	12,500	New Chart
2013 (INT 7324)	PORT OF OKHA	12,500	New Chart
3035	GANGAVARAM PORT	15,000	New Chart
2003	VADAGARA ANCHORAGE	25,000	New Chart
	BEYPORE ANCHORAGE	25,000	New Chart
3003	PONICHERRY ANCHORAGE, CUDDALORE ANCHORAGE	25,000	New Chart
2501	NORTH MALE ATOLL AND APPROACHES	50,000	New Chart
3004 (INT 7403)	CHENNAI HARBOUR	15,000	New Chart
2030	SRIVARDHAN AND BANKOT ANCHORAGES	25,000	New Chart
3025	PORTO NOVO ANCHORAGE	25,000	New Chart
3007	NAGAPATTINAM ANCHORAGE	35,000	New Chart
4039	CAMPBELL BAY	12,500	New Chart
2104	KOLLAM PORT	12,500	New Chart
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
252 (INT 7325)	OKHA TO VERAVAL	300,000	New Edition

VII

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 list of charts affected by the Notices 044 to 051 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	049
22 (INT 752)	3	046
31	5	051 (T)
32 (INT 754)	5	051 (T)
200	2	049
227	1	044
250	2	049
268 (INT 7353)	4	046
272	4	046
289	1	048
291	2	049
293 (INT 7022)	3	046
354 (INT 7408)	5	051 (T)
391	5	051 (T)
407	6	044
408	6	044
2004 (INT 7359)	3	045
2029 (INT 7358)	3	045
2045 (INT 7360)	3	045
2049	2	049
2061	1	044
2089	1	047
2090	1	047
4026	7	050
4027	7	050
4037	6	044
7705 (INT 705)	1	049

SECTION – II

PERMANENT NOTICES

***044/(02/13) Miscellaneous updates to charts**

Source: NHO Dehradun		
Chart	Previous Updates	Details
227	058/11	Insert Chart No. 2508 and Magenta limit as follows: North: 05° 00'·00N., East: 73° 38'·00E South: 04° 33'·50N., West: 73° 20'·50E
407	036/09	Insert Chart No. 4163 and Magenta limit as follows: North: 08° 31'·10N., East: 93° 08'·40E South: 08° 22'·30N., West: 92° 55'·00E
408	281/12	Insert Chart No. 4163 and Magenta limit as follows: North: 08° 31'·10N., East: 93° 08'·40E South: 08° 22'·30N., West: 92° 55'·00E
2061	087/11	Insert Chart No. 2508 and Magenta limit as follows: North: 05° 00'·00N., East: 73° 38'·00E South: 04° 33'·50N., West: 73° 20'·50E
4037	282/12	Insert Chart No. 4163 and Magenta limit as follows: North: 08° 31'·10N., East: 93° 08'·40E South: 08° 22'·30N., West: 92° 55'·00E
		Insert Chart No. 4164 and Magenta limit as follows: North: 08° 23'·40N., East: 93° 12'·00E South: 08° 10'·00N., West: 93° 03'·20E
		Insert Chart No. 4165 and Magenta limit as follows: North: 08° 20'·60N., East: 93° 19'·30E South: 08° 07'·20N., West: 93° 10'·50E
		Insert Chart No. 4177 and Magenta limit as follows: North: 08° 36'·00N., East: 93° 42'·00E South: 08° 22'·60N., West: 93° 33'·20E
		Insert Chart No. 4017 and Magenta limit as follows: North: 08° 05'·20N., East: 93° 32'·00E South: 08° 02'·00N., West: 93° 27'·60E
		Insert Chart No. 4165 and Magenta limit as follows: North: 08° 20'·60N., East: 93° 19'·30E South: 08° 07'·20N., West: 93° 10'·50E
		Delete Chart No. 4017 and Magenta limit as follows: North: 08° 05'·20N., East: 93° 31'·58E South: 08° 02'·10N., West: 93° 27'·25E

***045/(02/13) INDIA – WEST COAST – Port of Kochi – Conspicuous Object.**

Source: NHO.

Chart 2004 (INT 7359) [previous update 187/12]

Insert  Mobile Tower 09° 58'.38N., 76° 16'.80E.
 Cup 09° 58'.62N., 76° 16'.69E.

Chart 2029 (INT 7358) [previous update 273/12]

Insert  Mobile Tower 09° 58'.38N., 76° 16'.80E.
 Cup 09° 58'.62N., 76° 16'.69E.

Chart 2045 (INT 7360) [previous update 264/12]

Insert  Mobile Tower 09° 58'.38N., 76° 16'.80E.
 Cup 09° 58'.62N., 76° 16'.69E.

***046/(02/13) INDIA – WEST COAST – Central Lakshadweep – Depths. Legend.**

Source: IH-102, INS Investigator.

Chart 22 (INT 752) [previous update 033/13]

Insert depth, 692m at: (a) 12° 57′.20N., 73° 48′.80E.

Delete depth, 199m with 500m contour at: (a) above.

Chart 293 (INT 7022) [previous update 033/13]

Insert depth, 692m at: (a) 12° 57′.20N., 73° 48′.80E.

Delete depth, 199m with 500m contour at: (a) above.

Chart 272 [previous update 033/13]

Insert depth, 692m at: (a) 12° 57′.20N., 73° 48′.80E.

Delete depth, 199m with 500m contour at: (a) above.

Chart 268 (INT 7353) [previous update 275/12]Delete legend, *Rep* (1975), Centered at: 11° 42′.40N., 73° 02′.50E.**047/(02/13) OMAN – Said Bin Sultan Naval Base and Approaches – Legend.**

Source: BA Notice – 087/13.

Chart 2089 [previous update 076/11]

Insert legend, “Works in progress (2012)” at: 23° 49′.42N., 57° 33′.00E.

Chart 2090 [previous update 206/10]

Insert legend, “Works in progress (2012)” at: 23° 49′.61N., 57° 31′.72E.

Chart 2090 (Plan) [previous update 206/10]

Insert legend, “Works in progress (2012)” between: 23° 49′.65N., 57° 31′.72E.

23° 49′.54N., 57° 31′.80E.

048/(02/13) UNITED ARAB EMIRATES – Strait of Hormuz to Qatar – Obstruction.

Source: BA Notice – 260/13.

Chart 289 [previous update 266/12]Insert  *Obstn.*, at: 25° 53′.00N., 53° 18′.40E.**049/(02/13) PAKISTAN – Approaches to Karachi – Submarine Cable.**

Source: BA Notice – 207/13.

Chart 7705 (INT 705) [previous update 033/13] WGS84 DATUMInsert submarine cable, , joining: 24° 51′.60N., 66° 51′.00E. (shore)

24° 34′.70N., 66° 47′.80E.

23° 46′.80N., 66° 11′.30E.

Chart 21 [previous update 222/12] WGS84 DATUMInsert submarine cable, , joining: 24° 51′.60N., 66° 51′.00E. (shore)

24° 49′.00N., 66° 51′.70E.

24° 45′.90N., 66° 49′.70E.

24° 34′.70N., 66° 47′.80E.

24° 24′.90N., 66° 41′.60E.

23° 46′.80N., 66° 11′.30E.

Chart 291 [previous update 209/12] WGS84 DATUMInsert submarine cable, , joining: 24° 49′.00N., 66° 51′.70E. (existing cable)

24° 45′.90N., 66° 49′.70E.

24° 34′.70N., 66° 47′.80E.

24° 24′.90N., 66° 41′.60E.

23° 46′.80N., 66° 11′.30E.

049/(02/13) PAKISTAN – Approaches to Karachi – Submarine Cable. Continued.**Chart 250** [previous update 209/12] WGS84 DATUM

Insert submarine cable, , joining:

24° 49′.80N., 66° 51′.50E.(existing cable)
 24° 49′.00N., 66° 51′.70E.
 24° 45′.90N., 66° 49′.70E.
 24° 34′.70N., 66° 47′.80E.
 24° 24′.90N., 66° 41′.60E.
 23° 46′.80N., 66° 11′.30E.

Chart 200 [previous update 209/12] WGS84 DATUM

Insert submarine cable, , joining:

24° 49′.80N., 66° 51′.50E.(existing cable)
 24° 49′.00N., 66° 51′.70E.
 24° 45′.90N., 66° 49′.70E.
 24° 34′.70N., 66° 47′.80E.
 24° 24′.90N., 66° 41′.60E.
 23° 17′.20N., 66° 35′.50E.(W border)

Chart 2049 [previous update 208/12] WGS84 DATUM

Insert submarine cable, , joining:

24° 51′.61N., 66° 50′.98E. (shore)
 24° 49′.03N., 66° 51′.67E.
 24° 45′.92N., 66° 49′.70E.
 24° 34′.70N., 66° 47′.82E.
 24° 30′.00N., 66° 44′.86E.(S border)

050/(02/13) MALAYSIYA – WEST COAST – Pinang Harbour – Submarine Cable.

Source: BA Notice – 076/13.

Chart 4026 [previous update 049/12]

Insert submarine cable, , joining:

5° 20′.74N., 100° 24′.12E. (shore)
 5° 20′.22N., 100° 22′.64E.
 5° 19′.06N., 100° 22′.13E.
 5° 18′.62N., 100° 19′.83E.
 5° 18′.98N., 100° 19′.43E. (shore)
 5° 18′.21N., 100° 19′.55E.
 5° 18′.02N., 100° 19′.20E.
 5° 17′.98N., 100° 18′.73E.
 5° 18′.13N., 100° 17′.87E.

Chart 4027 [previous update 049/12] WGS84 DATUM

Insert submarine cable, , joining:

5° 20′.45N., 100° 23′.30E.(E border)
 5° 20′.20N., 100° 22′.55E.
 5° 19′.04N., 100° 22′.04E.
 5° 18′.60N., 100° 19′.74E.
 5° 18′.96N., 100° 19′.34E. (shore)
 5° 18′.19N., 100° 19′.46E.
 5° 18′.03N., 100° 18′.88E.(S border)
 and
 5° 18′.03N., 100° 18′.37E.(S border)
 5° 18′.11N., 100° 17′.78E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***051(T)(02/13) INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.**

Source: INS Airavat.

1. Unexploded charges reported dumped by INS Airavat in position 17° 05′·00N., 83° 25′·00E on 13 Dec 12.
2. Mariners to take note.

Charts Affected – 31 – 32(INT 754) – 391 – 354(INT 7408).



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 ECDIS

(a) 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.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

(Source - NAVAREA VIII Warning 141/12 & 529/12)

3. SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates for the above have been published in the fortnightly Indian Notices to Mariners Edition No 14 of 2008 (16th July 2008).

(a) Safety Fairways: An area within which permits are not granted for the erection of oil or gas related structures. The use of a safety fairway is not usually mandatory, but is recommended. Safety fairways have been promulgated in and round offshore development area in Arabian Sea up to the Exclusive Economic

4.2

Zone (EEZ) due to increased weather related marine accidents and dense traffic. These are mandatory for all Indian ships and vessels transiting through the ODA and recommendatory for all foreign flag ships and vessels irrespective of size.

(b) Recommended routes have been established along the coast of Gujarat. These are to assist mariners to navigate safely in order to represent the best routes for crossing traffic and to minimize head-on encounters in vicinity of Oilfield Development Areas and regulate coastal traffic. Mariners are advised to keep 1 to 2 miles starboard of the shown routes consistent with Rules of the Road.

(c) Traffic Separation Schemes (TSS). The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.



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:-

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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 – 2012.
2. NAVAREA VIII Warnings in force as on 15 Jan 12.

2012 SERIES –465 519 531 537 596 628 633 657 661 662 672 673 674
2013 SERIES –003 004 007 008 009 012 013 021 022 024 025 026 027 029 030 031 035 036
038 039 040 041 042 043 044 045
3. NAVAREA VIII Warnings issued during the period from 01 Jan to 15 Jan 13 (both dates inclusive) are as tabulated below: –

001. Best wishes for safe and prosperous voyage during 2013.
2. Cancel this MSG 020001 UTC Jan 13.
002. Indian Ocean – off Reunion Island. Charts INT 70 INT 71 INT 72 INT 702 INT 735. Vessel reported adrift in vicinity 21-07S 055-01E.
2. Caution advised.
3. Cancel this MSG 030900 UTC Jan 13.
003. Bay of Bengal – Eastern Part. Charts 31 41 325 371 451 INT 706. Drilling unit West Tucana and four supply vessels Posh Viking, Sea Victor, Seacor Valor, Posh Value will carry out drilling operation from 05 Jan to 31 May 13 in area bounded by:
Area-I
(a) 15-27.45N 094-45.05E (b) 15-23.61N 094-45.01E
(c) 15-23.58N 094-48.96E (d) 15-27.40N 094-49.00E
Area-II
(a) 15-48.33N 093-54.68E (b) 15-44.48N 093-58.63E
(c) 15-48.31N 093-58.65E
2. Wide berth of 03 NM around the area requested.
3. Cancel this MSG 010001 UTC Jun 13.
004. Myanmar – Gulf of Martaban. Charts 41 410 411 451 452 INT 706. Survey vessel MV Mermaid Achiever will carry out 2D OBC seismic acquisition survey from 05 Jan to 25 Feb 13 in area bounded by:
(a) 16-11.40N 096-00.38E (b) 16-11.05N 096-23.45E
(c) 15-56.06N 096-23.20E (d) 15-56.41N 096-00.15E
2. Wide berth of 03 NM around the area requested.
3. Cancel this MSG 260001 UTC Feb 13.
005. India West Coast – off Calicut. Charts 22 23 219 258 259 INT 706. Hydrographic survey will be carried out from 03 Jan to 11 Jan 13 in area bounded by:
(a) 10-51.20N 074-37.50E (b) 10-51.20N 076-00.80E
(c) 11-37.50N 076-00.80E (d) 11-37.50N 074-37.50E
2. Wide berth requested.
3. Cancel this MSG 120001 UTC Jan 13.
006. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast Battery between 0530 UTC to 0730 UTC on 08 Jan 13.
2. Danger area from 300 degree to 020 degree up to 12 NM seaward from position 22-28.03N 069-04.98E
3. Safe flying height 13000 metres.
4. Cancel this MSG 080830 UTC Jan 13.
007. Indian Ocean – off Andaman Islands. Charts 31 33 41 INT 71 INT 706. Survey vessel CGG Amadeus will carry out 3D seismic survey till 01 Jun 13 in area bounded by:
(a) 14-17.35N 090-42.23E (b) 13-50.25N 090-42.50E
(c) 13-50.13N 090-31.16E (d) 13-27.38N 090-31.40E
(e) 13-27.78N 091-19.86E (f) 13-50.55N 091-19.70E
(g) 13-50.40N 091-00.75E (h) 14-17.51N 091-00.51E
2. The vessel will be towing 08 seismic cables of length 8100 metres. End marked with yellow colour tail buoy flashing white.
3. Wide berth of 05 NM ahead/abeam and 06 NM astern requested.
4. Cancel this MSG 020001 UTC Jun 13.
008. Andaman and Nicobar Island – Campbell Bay. Charts 41 409 472 INT 71 INT 706. DGPS transmit id 122 put on testing and trial from 27 Dec 12 and will be in operation between 0230 UTC to 1230 UTC. Transmission unreliable.
2. Caution advised.

<p>009. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing practice between 0230 UTC to 1130 UTC from 02 Jan to 07 Jan and 15 Jan to 21 Jan 13.</p> <p>2. Danger zone 05 NM radius around 13-50N 081-40E.</p> <p>3. Safe flying height 3500 metres.</p> <p>4. Cancel this MSG 211230 UTC Jan 13.</p>												
<p>010. Cancel NAVAREA VIII 671/12. Bay of Bengal – off Kakinada. Charts 31 32 INT 71 INT 706. Firing practice by Naval ships between 0030 UTC and 0730 UTC from 09 Jan to 10 Jan 13 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>14-13.0N</td> <td>085-42.0E</td> <td>(b)</td> <td>15-23.0N</td> <td>082-44.5E</td> </tr> <tr> <td>(c)</td> <td>13-20.0N</td> <td>084-50.0E</td> <td>(d)</td> <td>16-16.0N</td> <td>083-34.0E</td> </tr> </table> <p>2. Safe flying height 18000 metres.</p> <p>3. Cancel this MSG 100830 UTC Jan 13.</p>	(a)	14-13.0N	085-42.0E	(b)	15-23.0N	082-44.5E	(c)	13-20.0N	084-50.0E	(d)	16-16.0N	083-34.0E
(a)	14-13.0N	085-42.0E	(b)	15-23.0N	082-44.5E							
(c)	13-20.0N	084-50.0E	(d)	16-16.0N	083-34.0E							
<p>011. India East Coast – Bay of Bengal. Charts 31 32 INT 71 INT 706. Firing practice by Naval ships from 0030 UTC to 0630 UTC on 10 Jan 13 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>16-30.0N</td> <td>083-30.0E</td> <td>(b)</td> <td>16-00.0N</td> <td>084-15.0E</td> </tr> <tr> <td>(c)</td> <td>15-20.0N</td> <td>084-05.5E</td> <td>(d)</td> <td>15-45.0N</td> <td>083-30.0E</td> </tr> </table> <p>2. Safe flying height 10000 metres.</p> <p>3. Cancel this MSG 100730 UTC Jan 13.</p>	(a)	16-30.0N	083-30.0E	(b)	16-00.0N	084-15.0E	(c)	15-20.0N	084-05.5E	(d)	15-45.0N	083-30.0E
(a)	16-30.0N	083-30.0E	(b)	16-00.0N	084-15.0E							
(c)	15-20.0N	084-05.5E	(d)	15-45.0N	083-30.0E							
<p>012. India West Coast – off Mumbai. Charts 21 22 255 292 293 INT 705. Sub sea piling template with pile guide conductor marked by a Nowegien buoy deployed in position 19-20.00N 72-02.85E along with a temporary mooring buoy in position 19-18.52N 072-04.60E.</p> <p>2. Wide berth of 300 metres requested.</p>												
<p>013 India East Coast – off Gopalpur. Charts 31 352 INT 706. Survey vessel Viking II will carry out 3D seismic data survey operations till 27 Jan 13 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>19-17.43N</td> <td>087-26.85E</td> <td>(b)</td> <td>19-21.63N</td> <td>087-43.56E</td> </tr> <tr> <td>(c)</td> <td>19-01.80N</td> <td>087-43.23E</td> <td>(d)</td> <td>19-01.08N</td> <td>087-26.95E</td> </tr> </table> <p>2. Wide berth of 06 NM around the vessel requested.</p> <p>3. Cancel this MSG 280001UTC Jan 13.</p>	(a)	19-17.43N	087-26.85E	(b)	19-21.63N	087-43.56E	(c)	19-01.80N	087-43.23E	(d)	19-01.08N	087-26.95E
(a)	19-17.43N	087-26.85E	(b)	19-21.63N	087-43.56E							
(c)	19-01.80N	087-43.23E	(d)	19-01.08N	087-26.95E							
<p>014. NAVAREA VIII – messages in force as on 041001 UTC Jan 13: 2012 Series – 387 464 465 519 531 537 596 598 628 633 657 659 660 661 662 664 667 668 670 672 673 674 2013 Series – 003 004 005 006 007 008 009 010 011 012 013 (a) NAVAREA VIII warnings less than 42 days old (596/12 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in. (c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 111001 UTC Jan 13.</p>												
<p>015. India West Coast – Gulf of Kachchh. Charts 21 203 2068 INT 705. Piracy. M/V attacked in vicinity 22-49N 070-03E at 022230 UTC Jan 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 080800 UTC Jan 13.</p>												
<p>016. Western Indian Ocean – off Somalia. Charts INT 71 INT 72 INT 701. Piracy. M/V attacked in vicinity 03-00N 051-52E at 051130 UTC Jan 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 081130 UTC Jan 13.</p>												
<p>017. Indian Ocean – off Nazareth Bank. Charts INT 71 INT 72 INT 702. 12.8 metres length blue, white, yellow and green coloured Srilankan fishing boat Brayan Putha III (Regn no. imul-a-0272-chw) reported adrift in vicinity 13-30S 060-30E with 07 crew members.</p> <p>2. Vessels transiting through the area to keep sharp look out and render assistance.</p> <p>3. Cancel this MSG 090931 UTC Jan 13.</p>												
<p>018. Cancel NAVAREA VIII 010/12 .Bay of Bengal – Off Ramaypatnam .Charts 31 32 355 366 INT 71 INT 706 .Firing practice by naval ships between 0030 UTC and 0730 UTC from 09 Jan to 10 Jan 13 in area bounded by</p> <table> <tr> <td>(a)</td> <td>15-17N</td> <td>082-10E</td> <td>(b)</td> <td>13-53N</td> <td>084-48E</td> </tr> <tr> <td>(c)</td> <td>12-57N</td> <td>084-22E</td> <td>(d)</td> <td>14-10N</td> <td>081-32E</td> </tr> </table> <p>2. Safe flying height 18000 metres.</p> <p>3. Cancel this MSG 100830 UTC Jan 13.</p>	(a)	15-17N	082-10E	(b)	13-53N	084-48E	(c)	12-57N	084-22E	(d)	14-10N	081-32E
(a)	15-17N	082-10E	(b)	13-53N	084-48E							
(c)	12-57N	084-22E	(d)	14-10N	081-32E							

019. India West Coast – Arabian Sea .Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706 .Rig list .Correct at 071002 UTC Jan 13				
ABAN ICE	18-19.46N		071-46.50E	
ABAN III	19-11.98N		072-11.00E	
ABAN IV	19-40.40N		071-19.38E	
ABAN VII	20-21.16N		071-48.46E	
BADRINATH	19-11.16N		070-39.66E	
CE THROTON	19-34.68N		071-20.08E	
DEEP SEA FORTUNE	19-42.00N		071-03.05E	
DEEP SEA FOSSIL	19-38.35N		070-56.70E	
DISCOVERY-1	18-36.11N		071-01.58E	
ENERGY DRILLER	18-46.03N		071-25.41E	
FG MC CLINTOK	19-38.00N		071-21.73E	
GREATDRILL CHETNA	20-44.07N		071-55.05E	
GREATDRILL CHITRA	18-39.50N		072-12.85E	
JT ANGEL	18-33.75N		072-17.61E	
KEDARNATH	19-37.11N		071-36.81E	
NOBLE CHARLIE YESTER	21-03.68N		072-25.30E	
NOBLE ED HOLT	18-55.85N		072-18.35E	
NOBLE KENNETH DELANEY	18-31.88N		072-16.73E	
RON TAPMEYER	20-43.00N		072-19.06E	
SAGAR GAURAV	19-16.81N		072-11.73E	
SAGAR KIRAN	22-33.96N		068-29.96E	
SAGAR LAXMI	18-36.15N		071-01.63E	
SAGAR PRAGATI	18-32.26N		072-15.43E	
SAGAR SHAKTI	19-10.40N		071-26.43E	
SAGAR JYOTI	20-31.60N		071-46.73E	
TRIDENT – 2	19-00.47N		072-09.07E	
TRIDENT – 12	18-39.21N		070-58.85E	
VIRTUE 1	18-37.23N		072-14.93E	
DEEP DRILLER-1	21-03.80N		072-31.60E	
Wide berth requested.				
2. Cancel NAVAREA VIII 659/12.				
020. Cancel NAVAREA VIII 464/12 598/12 670/12 and this MSG .INM 039(T)/13 032/13 043(P)/13 refers.				
021. 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 16 Jan 13				
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 160800 UTC Jan 13.				
022. Cancel NAVAREA VIII 660/12 .India East Coast - Gopalpur .Charts 31 352 353 391 3005 INT 706 .firing by army				
	DATE	TIME(UTC)	SAFE FLYING HEIGHT	
	31 Dec 12 TO 12 Jan 13	2330 to 1800	25000 metres	
	13 Jan 13 TO 18 Jan 13	2330 to 1800	7000 metres	
	21 Jan 13 TO 23 Jan 13	2330 to 1800	25000 metres	
	27 Jan 13 TO 31 Jan 13	2330 to 1800	7000 metres	
2. Danger 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)				
3. Cancel this MSG 311900 UTC Jan 13.				
023. India East Coast – Off Chennai .Charts 31 32 33 356 391 INT 706 .Firing practice by Coast guard aircraft from 0230 UTC to 1230 UTC on 10 Jan 13 .Danger area bounded by				
(a) 13-30N	082-00E	(b) 14-30N	082-00E	
(c) 14-30N	082-40E	(d) 13-30N	082-40E	
2. Safe flying height 2000 metres.				
3. Cancel this MSG 101330 UTC Jan 13.				
024. India East Coast – Off Valinokkam .Charts 32 224 2037 INT 71 INT 706 .Hydrographic Survey will be carried out from 12 Jan TO 27 Jan 13 in area bounded by				
(a) 09-03.50N	078-34.00E	(b) 09-03.50N	078-45.50E	
(c) 09-12.50N	078-45.50E	(d) 09-12.50N	078-34.00E	
2. Wide berth requested				
3. Cancel this MSG 280001 UTC Jan 13.				

025. India West Coast – Approaches to Kharo Creek .Charts 21 201 202 251 291 2005 INT 71 INT 705 .Hydrographic survey will be carried out from 10 Jan to 10 Feb 13 in area bounded by	(a) 23-12.70N 068-24.30E	(b) 23-12.70N 068-38.90E
	(c) 23-21.60N 068-38.90E	(d) 23-21.60N 068-24.30E
2. Wide berth requested.		
3. Cancel this MSG 110001 UTC Feb 13.		
026 India East Coast – Bay of Bengal .Charts 31 32 33 354 355 INT 706 .Unlit yellow coloured anchor buoy established at 16-35.24N 082-26.93E		
2. Caution advised.		
027. Cancel NAVAREA VIII 010/13 and 018/13 .Bay of Bengal – Off Ramaypatnam .Charts 31 32 355 366 INT 71 INT 706 .Firing practice by Naval Ships between 0030 UTC and 0730 UTC from 09 Jan to 10 Jan 13 in area bounded by	(a) 15-17N 082-10E	(b) 13-53N 084-48E
	(c) 12-57N 084-22E	(d) 14-10N 081-32E
2. Safe flying height 18000 metres.		
3. Cancel this MSG 100830 UTC Jan 13.		
028 Indian Ocean – Off Reunion Island .Charts INT 70 INT 71 INT 72 INT 702 INT 735 .Naval gunnery exercise from 0700 UTC to 1200 UTC on 10 Jan 13 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 101400 UTC Jan 13.		
029 Bay of Bengal – Off Sittwe .Charts 31 320 321 361 371 INT 71 INT 706 .Survey Vessel MV Hai Yang Shi You-720 will carry out 3D marine seismic acquisition survey till 31 Jan 13 in area bounded by	(a) 20-09.80N 092-06.31E	(b) 20-12.88N 092-08.51E
	(c) 20-14.68N 092-07.25E	(d) 20-20.93N 092-11.75E
	(e) 20-19.18N 092-12.96E	(f) 20-20.63N 092-14.06E
	(g) 20-19.43N 092-17.95E	(h) 20-10.01N 092-24.48E
	(i) 20-05.96N 092-08.98E	
2. Wide berth of 03 NM around the area requested		
3. Cancel this MSG 010001UTC Feb 13.		
030. India West Coast – Arabian Sea .Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706 .Rig list .Correct at 091003 UTC Jan 13.		
ABAN ICE	18-19.46N	071-46.50E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	20-21.16N	071-48.46E
BADRINATH	19-11.16N	070-39.66E
CE THORNTON	19-34.68N	071-20.08E
DEEP SEA FORTUNE	19-42.00N	071-03.05E
DEEP SEA FOSSIL	19-38.35N	070-56.70E
DISCOVERY-1	18-36.11N	071-01.58E
ENERGY DRILLER	20-54.00N	071-32.00E
FG MC CLINTOK	19-38.00N	071-21.73E
GREATDRILL CHETNA	20-44.07N	071-55.05E
GREATDRILL CHITRA	18-54.79N	071-49.56E
JT ANGEL	18-33.75N	072-17.61E
KEDARNATH	19-37.11N	071-36.81E
NOBLE CHARLIE YESTER	21-03.68N	072-25.30E
NOBLE ED HOLT	18-55.85N	072-18.35E
NOBLE KENNETH DELANEY	18-31.88N	072-16.73E
RON TAPPMAYER	20-43.00N	072-19.06E
SAGAR GAURAV	19-16.81N	072-11.73E
SAGAR KIRAN	22-33.96N	068-29.96E
SAGAR LAXMI	18-36.15N	071-01.63E
SAGAR PRAGATI	18-32.26N	072-15.43E
SAGAR SHAKTI	19-10.40N	071-26.43E
SAGAR JYOTI	20-31.60N	071-46.73E
TRIDENT – 2	19-00.47N	072-09.07E
TRIDENT – 12	18-39.21N	070-58.85E
VIRTUE 1	18-37.23N	072-14.93E
DEEP DRILLER-1	21-03.80N	072-31.60E
Wide berth requested		
2. Cancel NAVAREA VIII 019/13.		

031. India West Coast – Port of Mumbai .Charts 21 22 211 255 292 293 2015 2016 2076 INT 705 INT 706 .Firing exercise by middle ground Oyster rock and Colaba Point from 0400 UTC to 0730 UTC on 16 Jan 2013 . danger area bounded by				
Middle Ground				
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-54.50N	072-54.00E	(d)	18-55.16N 072-54.83E
Oyster rock				
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-48.00N	072-52.00E	(d)	18-54.08N 072-49.80E
Colaba Point				
(a)	18-48.00N	072-38.00E	(b)	18-53.58N 072-48.75E
(c)	19-00.00N	072-44.08E	(d)	19-00.00N 072-38.00E
2. Safe flying height 2000 metres.				
3. Cancel this MSG 160830 UTC Jan 13.				
032. Cancel NAVAREA VIII 023/13 India East Coast – Off Chennai .Charts 31 32 33 356 391 INT 706 .Firing practice by Coast Guard aircraft from 0830 UTC to 1230 UTC on 10 Jan 13 .Danger area bounded by				
(a)	13-30N	082-00E	(b)	14-30N 082-00E
(c)	14-30N	082-40E	(d)	13-30N 082-40E
2. Safe flying height 2000 metres.				
3. Cancel this MSG 101330 UTC Jan 13.				
033. India East Coast – Bay of Bengal .Charts 31 32 33 354 355 357 391 INT 706 .Rig list .Correct at 091006 UTC Jan 13				
	ABAN II	16-44.21N		082-23.66E
	ACTINIA	16-13.41N		082-10.80E
	DEEP SEA MATDRILL	16-16.38N		081-43.84E
	DSR DHIRUBHAI DEEPWATER KG-1	16-29.25N		082-28.46E
	DSR DHIRUBHAI DEEPWATER KG-2	16-25.30N		082-35.88E
	GSF-140	16-31.68N		082-28.43E
	MG HULME JR	16-35.70N		082-27.09E
	NOBLE DUCHESS	16-16.45N		082-11.86E
	PLATINUM EXPLORER	15-21.60N		082-01.10E
	PERRO NEGRO 3	11-30.12N		079-56.06E
	D S SAGAR VIJAY	16-15.18N		082-10.68E
	SAGAR RATNA	16-13.95N		081-45.88E
Wide berth requested				
2. Cancel NAVAREA VIII 667/12.				
034. Cancel NAVAREA VIII 387/12 and this MSG.				
035. Cancel NAVAREA VIII 668/12 India West Coast – Tottapalli .Charts 22 221 259 260 INT 71 INT 706 .Tottapalli light beacon FL(2)W 10 seconds 10M established at 09-19.18N 076-22.06E on trial basis on top of 15 metres height white trestle tower.				
036. India West Coast – Off Mormugao .Chart 22 214 257 INT 71 INT 706 .MT Pratibha Bheema anchored in Position 15-32.0N 073-36.4E unable to exhibit Navigational Lights.				
2. Wide berth requested.				
037. Indian Ocean – Madagascar Basin .Charts INT 70 INT 71 INT 72 INT 702 INT 735 .Hull returned reported adrift in vicinity 25-25.0S 055-38.9E at 100130 UTC Jan 13				
2. Caution advised.				
3. Cancel this MSG 120130 UTC Jan 13.				
038. India East Coast- Bay of Bengal .Charts 31 32 33 354 355 357 391 INT 706 .Rig list .Correct at 111002 UTC Jan 13				
	ABAN II	16-44.21N		082-23.66E
	ACTINIA	16-13.41N		082-10.80E
	DEEP SEA MATDRILL	16-16.38N		081-43.84E
	DSR DHIRUBHAI DEEPWATER KG-1	15-28.00N		084-54.00E
	DSR DHIRUBHAI DEEPWATER KG-2	16-25.30N		082-35.88E
	GSF-140	16-31.68N		082-28.43E
	MG HULME JR	16-35.70N		082-27.09E
	NOBLE DUCHESS	16-16.45N		082-11.86E
	PLATINUM EXPLORER	15-21.60N		082-01.10E
	PERRO NEGRO 3	11-30.12N		079-56.06E
	D S SAGAR VIJAY	16-15.18N		082-10.68E
	SAGAR RATNA	16-13.95N		081-45.88E
Wide berth requested				
2. Cancel NAVAREA VIII 033/13.				

<p>039. Cancel NAVAREA VIII 664/12 .INDIA EAST COAST – OFF PONDICHERRY .Charts 32 33 357 INT 71 INT 706 .Survey vessel Western trident will carry out 3D seismic survey till 26 Jan 13 in area bounded by</p> <table> <tbody> <tr> <td>(a) 12-07N 081-22E</td> <td>(b) 12-26N</td> <td>081-16E</td> </tr> <tr> <td>(c) 12-33N 080-56E</td> <td>(d) 12-27N</td> <td>080-38E</td> </tr> <tr> <td>(e) 12-09N 080-31E</td> <td>(f) 11-52N</td> <td>080-35E</td> </tr> </tbody> </table> <p>2. The vessel will be towing 10 streamer cables of length 8100 metres .Each end attached to tail buoy with radar reflectors and flashing white lights</p> <p>3. Wide berth of 03 NM ahead 03 NM abeam and 08 NM astern requested.</p> <p>4. Cancel this MSG 270001 UTC Jan 13.</p>	(a) 12-07N 081-22E	(b) 12-26N	081-16E	(c) 12-33N 080-56E	(d) 12-27N	080-38E	(e) 12-09N 080-31E	(f) 11-52N	080-35E											
(a) 12-07N 081-22E	(b) 12-26N	081-16E																		
(c) 12-33N 080-56E	(d) 12-27N	080-38E																		
(e) 12-09N 080-31E	(f) 11-52N	080-35E																		
<p>040. NAVAREA VIII-Messages in force as on 111004 UTC Jan 13</p> <p>2012 SERIES -465 519 531 537 596 628 633 657 661 662 672 673 674</p> <p>2013 SERIES -003 004 005 007 008 009 012 013 021 022 024 025 026 029 030 031 035 036 037 038 039</p> <p>(a) NAVAREA VIII warnings less than 42 days old (596/12 onward) are promulgated via SafetyNET.</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in</p> <p>(c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly Editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 181001 UTC Jan 13.</p>																				
<p>041. Andaman Sea – Off Havelock Island .Charts 33 473 INT 71 INT 706 .One square shaped wooden raft with 02 personnel reported adrift in vicinity 12-05N 093-43E</p> <p>2. Vessels transiting through the area to keep sharp look out and render assistance.</p> <p>3. Cancel this MSG 1502330 UTC Jan 13.</p>																				
<p>042. Andaman Sea - Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706 . Firing practice by Naval coast battery from 0730 UTC to 1130 UTC on 16 Jan 13 in area bounded by</p> <table> <tbody> <tr> <td>(a) 11-39.7N</td> <td>092-46.3E</td> <td>(b) 11-40.6N</td> <td>092-47.0E</td> </tr> <tr> <td>(c) 11-38.7N</td> <td>092-53.1E</td> <td>(d) 11-32.9N</td> <td>092-48.3E</td> </tr> </tbody> </table> <p>2. Safe flying height 5000 metres.</p> <p>3. Cancel this MSG 161230 UTC Jan 13.</p>	(a) 11-39.7N	092-46.3E	(b) 11-40.6N	092-47.0E	(c) 11-38.7N	092-53.1E	(d) 11-32.9N	092-48.3E												
(a) 11-39.7N	092-46.3E	(b) 11-40.6N	092-47.0E																	
(c) 11-38.7N	092-53.1E	(d) 11-32.9N	092-48.3E																	
<p>043. India West Coast - Off Kadmat Island. Charts 22 268 2047 INT 705. Hydrographic survey will be carried out till 30 Jan 13 in area bounded by</p> <table> <tbody> <tr> <td>(a) 11-09.40N</td> <td>072-44.00E</td> <td>(b) 11-16.33N</td> <td>072-44.00E</td> </tr> <tr> <td>(c) 11-16.33N</td> <td>072-48.10E</td> <td>(d) 11-13.00N</td> <td>072-48.10E</td> </tr> <tr> <td>(e) 11-11.80N</td> <td>072-46.50E</td> <td>(f) 11-09.40N</td> <td>072-46.50E</td> </tr> </tbody> </table> <p>2. Wide berth requested</p> <p>3. Cancel this MSG 310001 UTC Jan 13.</p>	(a) 11-09.40N	072-44.00E	(b) 11-16.33N	072-44.00E	(c) 11-16.33N	072-48.10E	(d) 11-13.00N	072-48.10E	(e) 11-11.80N	072-46.50E	(f) 11-09.40N	072-46.50E								
(a) 11-09.40N	072-44.00E	(b) 11-16.33N	072-44.00E																	
(c) 11-16.33N	072-48.10E	(d) 11-13.00N	072-48.10E																	
(e) 11-11.80N	072-46.50E	(f) 11-09.40N	072-46.50E																	
<p>044. India East Coast – Off Suryalanka. Charts 31 32 355 3026 INT 706. Firing exercise by IAF from Position 15-50.50N 080-29.50E</p> <table> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>17 Jan to 19 Jan 13</td> <td>0130 to 1530</td> </tr> <tr> <td>24 Jan to 26 Jan 13</td> <td>0130 to 1530</td> </tr> <tr> <td>31 Jan to 02 Feb 13</td> <td>0130 to 1530</td> </tr> </tbody> </table> <p>2. Danger area is an arc of 60 NM radius between 100 degree and 210 degree from firing point.</p> <p>3. Caution advised</p> <p>4. Cancel this MSG on 021630 UTC Feb 13.</p>	Date	Time (UTC)	17 Jan to 19 Jan 13	0130 to 1530	24 Jan to 26 Jan 13	0130 to 1530	31 Jan to 02 Feb 13	0130 to 1530												
Date	Time (UTC)																			
17 Jan to 19 Jan 13	0130 to 1530																			
24 Jan to 26 Jan 13	0130 to 1530																			
31 Jan to 02 Feb 13	0130 to 1530																			
<p>045. India East Coast- Bay of Bengal. Charts 31 32 33 308 354 INT 71 INT 706 . Experimental flight trial scheduled from ITR launch complex between 0530 UTC to 1030 UTC from 24 Jan to 25 Jan 13 and 27 Jan to 29 Jan 13 . Danger zone bounded by</p> <table> <tbody> <tr> <td>(a) 17-40.28N</td> <td>083-37.31E</td> <td>(b) 17-12.30N</td> <td>083-36.65E</td> </tr> <tr> <td>(c) 14-05.65N</td> <td>084-17.68E</td> <td>(d) 11-32.26N</td> <td>085-18.56E</td> </tr> <tr> <td>(e) 11-54.25N</td> <td>086-21.78E</td> <td>(f) 12-26.45N</td> <td>087-20.40E</td> </tr> <tr> <td>(g) 14-52.31N</td> <td>086-02.41E</td> <td>(h) 17-23.73N</td> <td>084-02.23E</td> </tr> <tr> <td>(j) 17-41.25N</td> <td>083-39.46E</td> <td></td> <td></td> </tr> </tbody> </table> <p>2. Caution advised</p> <p>3. Cancel this MSG 291130 UTC Jan 13.</p>	(a) 17-40.28N	083-37.31E	(b) 17-12.30N	083-36.65E	(c) 14-05.65N	084-17.68E	(d) 11-32.26N	085-18.56E	(e) 11-54.25N	086-21.78E	(f) 12-26.45N	087-20.40E	(g) 14-52.31N	086-02.41E	(h) 17-23.73N	084-02.23E	(j) 17-41.25N	083-39.46E		
(a) 17-40.28N	083-37.31E	(b) 17-12.30N	083-36.65E																	
(c) 14-05.65N	084-17.68E	(d) 11-32.26N	085-18.56E																	
(e) 11-54.25N	086-21.78E	(f) 12-26.45N	087-20.40E																	
(g) 14-52.31N	086-02.41E	(h) 17-23.73N	084-02.23E																	
(j) 17-41.25N	083-39.46E																			

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 – 146)

(Source: Paradip Port Trust)

Article 3.31, Para 2 delete and replace by,

2 **SPM- II** has been installed off Paradip by Indian Oil Corporation Ltd. at position 20°04'.99N, 86°43'.56E. SPM is fitted with a radar reflector, and light Mo (U) Fl.R.15s. 3 winker lights are installed on the floating hose strings.

3 **SPM- III** has been installed off Paradip by Indian Oil Corporation Ltd. at position 20°06'.29N, 86°45'.64E. SPM is fitted with a radar reflector, and light Mo (U) Fl.R.15s. 3 winker lights are installed on the floating hose strings. The maximum permissible size of vessels handled at SPM III is as follows:

LOA : 370m

Beam : 65m

Maximum Draught : 23m (01st Apr. – 30th Nov.)

Maximum Draught : 24m (01st Dec. – 31st Mar.)

Maximum Size : 320000 MT DWT

Minimum Size : 80000 MT DWT

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D9165.1	AL RAYYAN OILFIELD - FPSO Falcon Spirit	26 40.69N 51 34.72E	Lit	..	..	Storage Tanker	
*	*	*	*	*	*	*	*
D9165.55	Remove from list						
F0598	Vengurla Rocks	15 53.37N 73 27.75E	Fl(2)W 20s	49	26	White metal tower, red bands 20	<i>fl 0.3, ec 4.7, fl 0.3, ec 14.7</i> TE 2012
	-	..	Racon	..	..	..	ILRS Vol 2 Station 79005 *
F0636.5	- Karwar Harbour. S Breakwater. Round Island	14 45.50N 74 07.67E	Fl G 3s	..	..	Green beacon	TE 2012 *

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 01 dated 01 Jan 13)

NIL

INP 31(5), 2011

(Last correction: Edition No. 19 dated 01 Oct12)

NIL

INP 31(6), 2012

(Last correction: Edition No. 01 dated 01 Jan 13))

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. Accurate position or knowledge of position error is of great importance. Latitude and Longitude should only be used to specify position details when they have been fixed by GPS or Astronomical Observations. A full description of the method, equipment, time and datum (WGS 84/Everest/Other) used should be given. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two bearings should be used in order to provide a redundancy check. Distances observed by Radar should be corrected for index errors. Where position is derived after the event, from other observations and/or Dead Reckoning, the methodology of deriving the position should be included.

4. **Paper Charts.** A copy/tracing of largest scale chart is the best medium for forwarding details, the alterations and additions being shown thereon in red, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.

5. **ENCs.** A Screen shot of largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected cell should be sent along with details of the ECDIS make and version in use at the time.

Depth Reporting

6. When soundings are obtained using echo sounders, the echo sounding trace should be duly annotated with date, times, position, depths, etc., and forwarded with the IH102. It is important to state whether the 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 made where necessary. The make, name and type of echo sounder should also be given.

7. For modern echo sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use. Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:

- (a) the trace being weaker than normal for the depth recorded;
- (b) the trace passing through the transmission line;
- (c) the feathery nature of the trace.

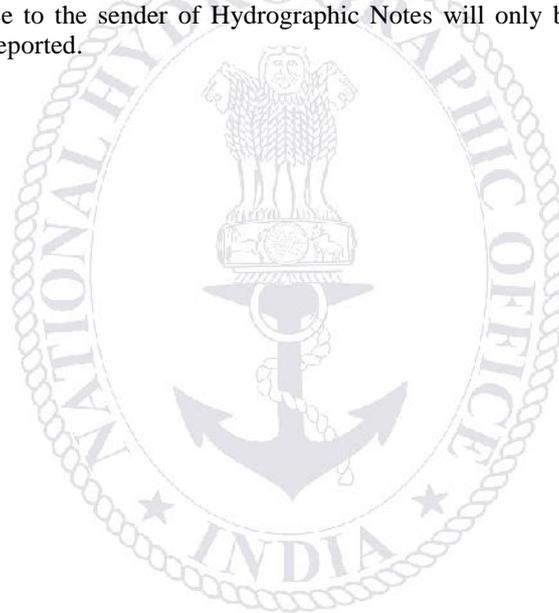
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from the charted depths. Efforts should be made to identify and negate false echoes if any. The Mariners Handbook (NP100) and Notice 15 Special Edition of Notice to Mariners may be consulted.

8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

9. Reports of **shoal soundings**, uncharted dangers and aids to navigation out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers in such that any uncharted depth under 30 meters or 15 fathoms may be of sufficient importance to justify a radio message.

10. Changes to Port information should be forwarded on Form IH.102A together with form IH.102. Form 102 A contains the information required for Sailing Directions and should be used as an *aide memoir*. The Mariners Handbook, NP100, Chapter 8 gives general instructions. Where there is insufficient space on the forms an additional sheet should be used.

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication from National Hydrographic Office to the sender of Hydrographic Notes will only be necessary to verify unusual features or abnormal values reported.

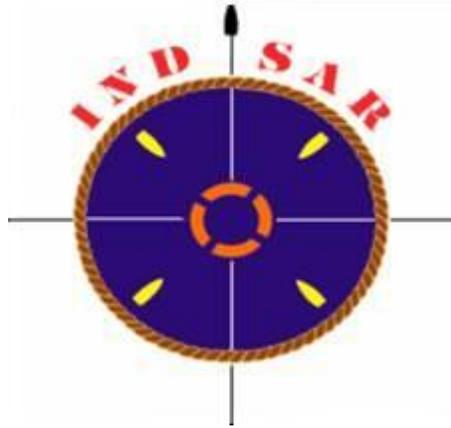


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes Observed (Tick appropriate)	<input type="checkbox"/> Bathymetry		<input type="checkbox"/> Nav. Dangers		<input type="checkbox"/> Nav. Aids
	<input type="checkbox"/> Designated Areas			<input type="checkbox"/> Others	
Geographical Position (See Instructions Overleaf)	Latitude			Longitude	
Position Method	<input type="checkbox"/> DGPS	<input type="checkbox"/> GPS	<input type="checkbox"/> Radar	<input type="checkbox"/> Others	
Datum Used	<input type="checkbox"/> WGS84		<input type="checkbox"/> Everest		<input type="checkbox"/> Others
Charts Affected				Edition	
Latest Edition of Indian Notices to Mariners Held					
Tracing/Plot/Photograph if enclosed					
ENCs Affected					
Latest Update Disk Held					
Publication Affected				Edition	
Page No./Light No. etc					
Details:					
Limitations if any in Reporting the Changes Above					
Details of Documents/Photos attached:					
Signature of the Master/Reporter/Observer					

HYDROGRAPHIC NOTE FOR PORT INFORMATION (To accompany Form IH.102)		IH.102A (Revised 2012)	
Date		Ref. No.	
Name of the Ship or Sender			
Address			
Tel/Fax/E-mail			
1. NAME OF PORT			
Location	Latitude		Longitude
2. GENERAL REMARKS			
Principal activities and trade			
Number of ships and tonnage handled per year			
Maximum size of draught of vessel handled			
Copy of Port handbook (if available)			
3. ANCHORAGES			
Type / Purpose			
Minimum depth at anchorage			
Shelter afforded			
Holding ground			
Recommended pilotage to the anchorage			
4. PILOTAGE			
Authority for request			
Embarkation position			
Regulations			
Documents to be provided			
Recommended pilotage to approach of Harbour and Berths			
Information on VTMS			
5. DIRECTIONS			
Entry and Berthing Information			
Tides (Height)			
Tidal Stream Information			
Wind Speed and Direction			
Navigational Aids (Beacons / Buoys / Lights / Etc.)			
6. POLLUTION CONTROL			
Local regulation in force (If Any)			
7. TUGS			
Number available / Tug type			
Maximum HP / Bollard pull			

7. TUGS (Continued)	
Requesting authority	
Availability timing / Communication	
Hiring charges	
8. BERTHING AND WHARVES	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
9. CARGO HANDLING	
Containers	
Lighters & Ro-Ro etc.	
10. CRANES	
Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	
Container handling facilities	
11. BRIDGES	
Vertical clearance	
12. REPAIRS	
Hull machinery and underwater	
Ship and Boat yards	
Docking or Slipway facilities (Size/ Dimensions of vessels handled)	
Hards and Ramps	
Divers / Diving assistance	
13. SERVICES	
Radio / FAX / Telephone / Internet etc.	
Medical	
Quarantine	
Consul	
Ship chandlery and Stevedores	
Compass adjustment	
Tank cleaning	
Hull painting	
Police / Ambulance / Firefighting (Fixed and Mobile facilities)	
Nav. Warning and Weather bulletin	
Garbage disposal / Waste oil disposal	
Helicopter landing facilities	

14. RESCUE & DISTRESS	
Salvage, Lifeboat, Life guards, etc	
15. SUPPLIES	
Fuel (Type, Quantities & Method of delivery)	
Fresh water (Method of delivery and Rate of supply)	
Provisions	
Chart agents	
16. COMMUNICATIONS	
Road, Rail and Air services available	
Nearest airport or airfield	
Port Radio and Information Service (Frequencies and Operating Hours)	
17. PORT AUTHORITY	
Designation, Address, Telephone, E-mail Address and Website	
18. SECURITY	
Security of ports / International Ship and Port Facility Security (ISPS) compliance	
Custom and Immigration Regulations in force	
19. SMALL CRAFT FACILITIES	
Information and facilities for small craft, yachts visiting the port	
Yacht clubs, berths etc	
20. SHORT LEAVE	
21. CLUBS RECREATION	
Information Kiosk (Location)	
Foreign Exchange firms / Banks (Within / Near Port Area)	
Places of interest near port	
22. VIEWS	
Photographs(Duly annotated) of the approaches, leading marks, the entrance to the harbour etc.	
23. ADDITIONAL DETAILS	
Any other information considered to be useful for the mariners	
SIGNATURE OF THE OBSERVER / REPORTER / MASTER	



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