

INDIAN NOTICES TO MARINERS

EDITION NO. 09 DATED 01 MAY 2015

(CONTAINS NOTICES 079 TO 082)



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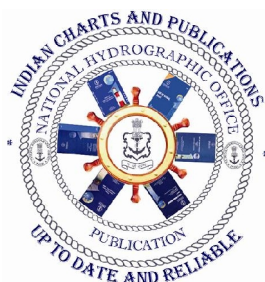
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CONTENTS

Section No.	Title
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-incho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

All mariners are cautioned against the use of counterfeit copies of IN Charts and publications. Navigational Charts produced from now on will carry a NHO crest as watermark on the reverse with backslip. Agents stamp is made mandatory on all Charts.

Counterfeit products may have errors resulting in potential risks. The same are not approved by inspecting agencies and do not satisfy the carriage requirements of SOLAS chapter V.

Mariners are strongly advised not to use or encourage the use of counterfeit chart and publications.

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. Sl 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>
2076 (INT 7338)	30-04-2015	JAWAHARLAL NEHRU PORT AND TROMBAY Limits 18° 53'.40N; 72° 52'.30E. 19° 04'.10N; 72° 59'.50E.	20,000	3	Rs. 1870.00
2078 (INT 7346)	30-04-2015	PORT OF MORMUGAO Limits 15° 23'.55N; 73° 43'.75E. 15° 27'.90N; 73° 50'.60E.	12,500	3	Rs. 1870.00

2. The new edition Indian Chart that is available for mariners in the market is 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>
2001	30-04-2015	MUMBAI DOCKS Limits 18° 54'.70N; 72° 49'.85E. 19° 00'.00N; 72° 53'.50E.	10,000	3	Rs. 1870.00

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>
2001	15-10-2014	MUMBAI DOCKS	2001	30-04-2015
2076 (INT 7338)	15-06-2009	JAWAHARLAL NEHRU PORT AND TROMBAY	2076 (INT 7338)	30-04-2015
2078 (INT 7346)	21-05-2001	PORT OF MORMUGAO	2078 (INT 7346)	30-04-2015

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN62078O	2078	PORT OF MORMUGAO	28-04-2015
IN52076N	2076	JAWAHARLAL NEHRU PORT AND TROMBAY	30-04-2015

5. The new edition Indian Electronic Navigational Chart that is available for mariners in the market is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN62001U	2001	MUMBAI DOCKS	28-04-2015
IN52060S	2060	APPROACHES TO SALAYA AND PATH FINDER INLET	29-04-2015
IN52514A	2514	APPROACHES TO PORT LOUIS	28-04-2015
IN62514P	2514	PORT LOUIS	28-04-2015

VI

6. The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN62001U	2001	MUMBAI DOCKS	17-11-2014
IN52076J	2076	JAWAHARLAL NEHRU PORT AND TROMBAY	23-12-2009
IN52060S	2060	APPROACHES TO SALAYA AND PATH FINDER INLET	15-03-2012
IN52514A	2514	APPROACHES TO PORT LOUIS	16-12-2014
IN62514P	2514	PORT LOUIS	16-12-2014
IN62078M	2078	PORT OF MORMUGAO	03-01-2007

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
3001 (INT 7402)	APPROACHES TO CHENNAI	50,000	New Chart
2015 (INT 7337)	PORT OF MUMBAI	20,000	New Chart

Availability of ENC's

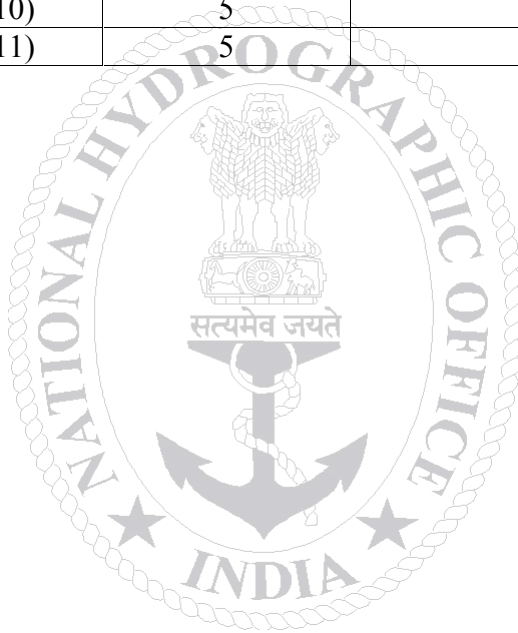
The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the world wide network of their agents and distributors. Updates are also made available as per the existing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

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 Web site: www.ukho.gov.uk	M/s Jeppesen Norway AS Hovalandsveien 52 PO Box 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: enc@jeppesen.com , info@c-map.co.no Website: www.jeppesen.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: data@ecc.no Website: - www.primar.org	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad- 500 034 Tel: +91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com

SECTION – I

The list of charts affected by the Notices 079 to 082 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	081
202	2	080
218	3	081
219	3	081
251 (INT 7318)	2	080
258 (INT 7348)	3	081
268 (INT 7353)	4	081
271	2	080
272	4	081
291	2	080
2007	4	081
2025	3	081
2053	3	081
3002 (INT 7410)	5	082
3012 (INT 7411)	5	082



SECTION – II

PERMANENT NOTICES

***079 (09/15) Miscellaneous updates to charts.**

Source: NHO Dehradun.		
Refer Indian Notices to Mariners Annual Edition 2015 dated 01 Jan 2015 Section I		
Chart	Page no.	Details
203 (INT 7319)	8	Delete correction number 132/12.
208	8	Insert correction number 267/11.
2083 (INT 7339)	10	Insert correction number 032/12.
2046	14	Delete correction number 370/09.
356 (INT 7400)	19	Insert correction number 271/11.
404	21	For – 201 Read – 2012
360	24	For – 190/13 Read – 109/13
451	25	For – 065/13 Read – 056/13
3018	26	Delete correction number 434/06.

***080/(09/15) INDIA – WEST COAST – Jakhau to Dwarka – Wrecks.**

Source: MRCC Mumbai.

Chart 291 [previous update 069/15]

Insert  *PA* 22° 51'·07N., 68° 11'·13E.

Chart 271 [previous update 069/15]

Insert  *PA* 22° 51'·07N., 68° 11'·13E.

Chart 251 (INT 7318) [previous update 069/15]

Insert  *PA* 22° 51'·07N., 68° 11'·13E.

Chart 202 [previous update 069/15]

Insert  *PA* 22° 51'·07N., 68° 11'·13E.

***081/(09/15) INDIA – WEST COAST – Kochi – Light.**

Source: DLL Cochin.

Chart 22 (INT 752) [previous update 063/15]

Amend light to, Fl(2).22M 12° 00'·34N., 75° 12'·15E.

Chart 272 [previous update 031/15]

Amend light to, Fl(2).20s62m22M 12° 00'·34N., 75° 12'·15E.

Chart 258 (INT 7348) [previous update 031/15]

Amend light to, Fl(2).20s62m22M 12° 00'·34N., 75° 12'·15E.

light to, Fl.5s.57m.23M 11° 28'·13N., 75° 38'·21E.

Chart 268 (INT 7353) [previous update 040/14]

Amend light to, Fl(2).10s.44m.16M 10° 48'·91N., 73° 42'·09E.

081(09/15) INDIA – WEST COAST – Kochi – Light. Continued.*Chart 218** [previous update 031/15]

Amend light to, Fl(2).20s62m22M 12° 00'·34N., 75° 12'·15E.

Chart 219 [previous update 031/15]

Amend light to, Fl.5s.57m.23M 11° 28'·13N., 75° 38'·21E.

Chart 2053 [previous update 031/15]

Amend light to, Fl.5s.57m.23M 11° 28'·13N., 75° 38'·21E.

Chart 2025 [previous update 031/15]

Amend light to, Fl(2).20s62m22M 12° 00'·34N., 75° 12'·15E.

Chart 2007 [previous update 184/14]

Amend light to, Fl(2).10s.44m.16M 10° 48'·91N., 73° 42'·09E.

***082/(09/15) INDIA – EAST COAST – Approaches to Visakhapatnam – Anchorage Limit.**

Source: HQ ENC.

Chart 3002 (INT 7410) [previous update 048/15]

Insert limit of anchorage area ,----- ⚓ -----, joining: (a) 17°44'·22N.,83° 22'·66E.

17°43'·27N.,83° 23'·16E.

17°44'·22N.,83° 24'·88E.

17°45'·11N.,83° 24'·38E.

(a) above

17°44'·20N.,83° 23'·80E.

legend, “*Naval Tanker Anchorage*”, centered on

limit of anchorage area ,----- ⚓ -----, joining: (b)

17°44'·19N.,83° 21'·41E.

17°43'·20N.,83° 20'·95E.

17°43'·03N.,83° 20'·68E.

17°42'·28N.,83° 21'·12E.

17°42'·60N.,83° 21'·70E.

17°44'·00N.,83° 22'·19E.

(b) above

17°43'·40N.,83° 21'·55E.

legend, “*Deep Water Naval Anchorage*”, centered on

limit of anchorage area ,----- ⚓ -----, joining: (c)

17°42'·696N.,83° 20'·024E.

17°43'·040N.,83° 20'·685E.

17°42'·685N.,83° 20'·889E.

17°42'·324N.,83° 20'·258E.

(c) above

17°42'·70N.,83° 20'·40E.

legend, “*Shallow Water Naval Anchorage*”, centered on

Chart 3012 (INT 7411) [previous update 048/15]

Insert limit of anchorage area ,----- ⚓ -----, joining: 17°43'·50N.,83° 21'·23E. (N Border)

17°43'·14N.,83° 21'·06E.


17°42'·97N.,83° 20'·79E.

17°42'·22N.,83° 21'·23E.

17°42'·54N.,83° 21'·81E.

17°43'·50N.,83° 22'·14E. (N Border)

***082/(09/15) INDIA – EAST COAST – Approaches to Visakhapatnam – Anchorage Limit.**

legend, “Deep Water <i>Naval Anchorage</i> ”, centered on	17°43′.00N.,83° 21′.40E.
limit of anchorage area ,-----  -----, joining: (d)	17°42′.636N.,83° 20′.134E.
	17°42′.980N.,83° 20′.795E.
	17°42′.625N.,83° 20′.999E.
	17°42′.264N.,83° 20′.368E.
	(d) above
legend, “Shallow Water Naval Anchorage”, centered on	17°42′.64N.,83° 20′.51E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

-NIL-



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)

4. 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 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.

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

The GAGAN System is now commissioned for safety of life, civil aviation, and en- route operations in addition to all other non-aviation applications. The GAGAN signal is being broadcasted through GSAT-8 and GSAT-10 with PRN127 & 128 respectively.

All the GPS users are requested to enable SBAS functionality in their receivers, configure it to receive PRN-127& 128 and avail the benefits of GAGAN in terms of increased accuracy and reliability. There may be occasional signal outages due to system up-gradation activities.

6. **USAGE OF THURAYA/ IRRIDUM AND SATELLITE PHONE**

The use of Thuraya, Iridium and other such satellite phone is banned in India under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act. It is intimated to all shipping companies/ shipping agents that use of Thuraya/ Iridium and other such satellite phones are banned in Indian waters and seafarers should not use the same.

Satellite phones can be used only after no objections certificate issued by department of telecommunication (DOT) on a case to case basis. The shipping agents should mandatorily intimate the details of person carrying Thuraya and the particulars of Thuraya, Iridium and other such sets in pre arrival notification on security (PANS).

The unauthorized holders of Thuraya/ Iridium and other such Satellite phones can be prosecuted under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act.

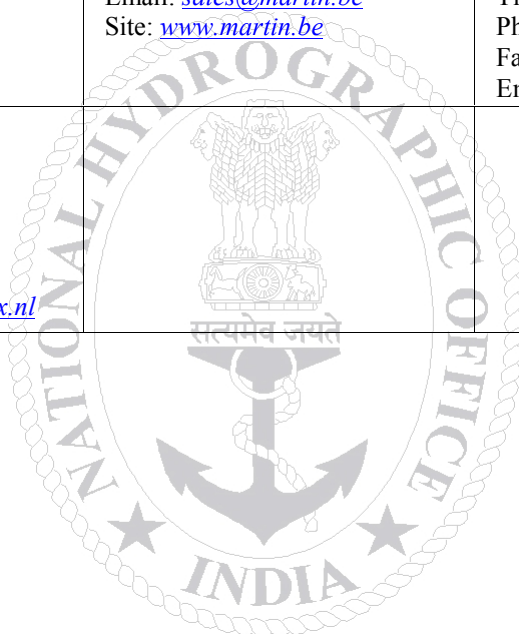
7. **CAUTIONARY NOTE**

There is a finite amount of lag between publication of large and small scale Indian Nautical Charts. To avoid uncertainty the mariners are advised to use large scale charts for coastal navigation wherever applicable and available. In addition, mariners are to refer large scale charts in conjunction with small scale charts in areas where both overlap during both planning and conduct of passage.

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:-

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	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	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
Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com	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	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
C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl		



List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg	EW Liner Charts & Publication (India) 2/524 Sundeep Road, Chinna Neelangarai, Chennai 600041 Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.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@vsnl.com, sales@ccmarine.in	Gujarat Pipavav Port Limite PO – Ucchayia, Dist.- Amereli Gujarat – 365 560 Tele:- 91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 6510 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: RajShekhar.Chakravorty@jeppesen.com, info@jeppesen.com Website: www.jeppesen.com
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@mtnl.net.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +919937064299 Email: ashiskantha@gmiindia.in Web: www.gmiindia.in
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungi Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924283, Cell: +91-9477444392/ 9331936587 Email: liftomarine@yahoo.co.in, sankar_roy342@yahoo.in	M/s L. R. Marine Services 301, 3rd Floor, Biry House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-6635 9148 Cell No: +91 8108926880/+91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com
M/s Engineering Logistics Executive Multi Services Elms Charts, Door No: 61-4-45-A/4, Prakash Nagar Malkapuram Visakhapatnam - 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: www.elemscharts.in	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills, Hyderabad- 500 034 Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com
M/s Aatash Computer & Communications Pvt. Ltd. 213, Devarc Commercial Complex Nr. Iscom Circle (above Woodland Showroom) S. G. Highway Ahmedabad – 380 015 Mob: +91 7926923982 Email: jyoti@aatash.com, zubin@aatash.com	

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 30 Apr 15:

2014 SERIES – 111 211 233 241 310 311 336 398 405 406 415 438 439 467 476 586 614 654 676
2015 SERIES – 025 030 055 081 099 122 124 133 154 160 161 164 178 183 206 247 252 259 261 269 286 287 288 290 298 299 303 304 305 306 308 309 310 311 312 313 314 315 316 317

3. NAVAREA VIII Warnings issued during the period from 16 Apr to 30 Apr 15 (both dates inclusive) are as tabulated below: –

274. India Ocean – off Sumatera. Charts INT 71 INT 707. MV Orient Explorer will progress seismic survey from 18-28 Apr 15 in area bounded by:		
(a) 02-45N	090-39E	(b) 01-20N 090-39E
(c) 01-20N	091-09E	(d) 02-45N 091-09E
2. Vessel towing cables of 3-5 NM.		
3. Wide berth of 05 NM requested.		
4. Cancel this MSG 290001 UTC Apr15.		
275. Andaman Sea – off Great Nicobar. Charts 41 409 471 472 INT 706. Firing scheduled on 19 Apr 15 from 0230-0730 UTC in area bounded by:		
(a) 06-51.50N	094-06.00E	(b) 06-51.50N 094-16.50E
(c) 07-01.50N	094-16.00E	(d) 07-01.50N 094-06.00E
2. Safe flying ht 4000 M.		
3. Cancel this MSG 190830 UTC Apr 15.		
276. India West Coast – off Karwar. Charts 22 215 257 293 INT 71. IN ship will progress hydrographic survey using AUV from 20-24 Apr 15 in area bounded by:		
(a) 14-48.00N	073-09.50E	(b) 14-48.00N 073-14.50E
(c) 14-53.00N	073-14.50E	(d) 14-53.00N 073-09.50E
2. Wide berth of 05 NM from ship requested.		
3. Cancel this MSG 250001 Apr 15.		
277. Cancel NAVAREA VIII 264/15. India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list correct at 161004 UTC Apr 15.		
ABAN II	16-39.14N	082-22.72E
ACTINIA	16-16.26N	082-11.48E
DEEP SEA MATDRILL	16-24.53N	082-02.93E
DSR DD KG-2	16-30.00N	082-33.30E
PLATINUM EXPLORER	16-31.80N	082-29.60E
GSF-140	16-24.70N	082-23.30E
NOBLE DUCHESS	16-08.83N	081-40.92E
SAGAR VIJAY	16-15.30N	082-10.67E NEW
SAGAR RATNA	16-22.73N	082-01.39E NEW
2. Wide berth requested.		
278. Cancel NAVAREA VIII 114 262/15 and this MSG.		
279. India West Coast – Arabian Sea. Charts 22 256 293 INT 71. Firing by IN ships scheduled on 23 Apr 15 from 1530-1730 UTC in area bounded by:		
(a) 16-55N	071-18E	(b) 17-35N 071-18E
(c) 17-35N	071-54E	(d) 16-55N 071-54E
2. Safe flying ht 10000 M.		
3. No vessels permitted in firing area.		
4. Cancel this MSG 231830 UTC Apr 15.		
280. India West Coast – off Trivandrum. Charts 22 32 222 260 INT 71 INT 706. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 22 Apr from 0530-0730 and 23-24 Apr 15 from 1200-1400 UTC.		
2. Danger zones		
(a) Sector of radius 05 NM from Thumba between azimuth 190 and 300.		
(b) Sector of radii 45 and 75 NM from Thumba between azimuth 220 and 260.		
3. No over flight and shipping permitted in danger zone.		
4. Cancel this MSG 241500 UTC Apr 15.		

281. Cancel NAVAREA VIII 265/15. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list correct at 171001 UTC Apr 15		
ABAN ICE	19-11.41N	071-16.66E
ABAN III	19-22.07N	071-26.07E
ABAN IV	19-25.23N	071-16.99E
BADRINATH	19-28.06N	071-53.40E
CE THORNTON	21-03.00N	072-23.00E
DISCOVERY-1	19-05.35N	072-06.89E
DYNAMIC VISION	18-39.23N	070-58.86E
ENERGY DRILLER	18-39.56N	072-06.00E
FG MC CLINTOCK	19-13.43N	071-28.72E
GREAT DRILLER CHAAYA	18-40.10N	072-13.58E
GREATDRILL CHETNA	19-57.30N	071-14.47E
GREATDRILL CHITRA	19-19.55N	072-00.81E
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	19-08.72N	071-55.25E
JT ANGEL	21-03.02N	072-21.89E
KEDARNATH	20-15.31N	071-15.17E
PARAGON L-786	19-22.51N	071-21.80E
RON TAPMEYAR	19-28.98N	071-19.63E
SAGAR GAURAV	20-58.00N	071-33.00E
SAGAR SHAKTI	20-20.43N	071-15.41E
SAGAR JYOTI	19-25.56N	071-17.81E
SAGAR KIRAN	18-39.66N	072-13.33E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-36.21N	072-13.99E
TRIDENT II	18-29.41N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-06.08N	070-56.43E
VIRTUE-I	19-22.29N	071-03.63E
VALIANT DRILLER	19-25.36N	071-19.57E
2.	Wide berth requested.	
282. Cancel NAVAREA VIII 270/15 and this MSG.		
283. NAVAREA VIII warnings in force as on 17 Apr 2015		
2014 Series – 111 211 233 241 310 311 336 398 405 406 415 438 439 467 476 586 614 654 676		
2015 Series – 025 030 055 081 099 122 124 133 143 154 160 161 164 178 183 194 206 208 224 225 232 236 247 252 255 256 259 260 261 269 272 273 274 275 276 277 279 280 281 282		
(a) NAVAREA VIII warnings less than 42 days old (178/15 onward) promulgated via SafetyNet.		
(b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on www.hydrobharat.nic.in .		
(c) Text of NAVAREA VIII warnings also printed in fortnightly Indian N to M.		
2.	Cancel this MSG 241003 UTC Apr 15.	
284. Indian Ocean – off Reunion Island. Charts INT 70 INT 71. Vertical chunk of wood 0.5 /3 m above /below water reported adrift 181300 UTC Apr in position 20-47.5S 055-07.4E.		
2.	Cancel this MSG 211000 UTC Apr 15.	
285. India West Coast – New Mangalore. Charts 22 217 258 293 2052. Suratkal DGPS will be off air on 22 Apr 15 from 0030-1230 UTC.		
2.	Cancel this MSG 221330 UTC Apr 15.	
286. Cancel NAVAREA VIII 277/15. India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list correct at 201003 UTC Apr 15.		
ABAN II	16-39.14N	082-22.72E
ACTINIA	16-14.51N	082-09.64E NEW
DEEP SEA MATDRILL	16-24.53N	082-02.93E
DSR DD KG-2	16-30.00N	082-33.30E
PLATINUM EXPLORER	16-31.80N	082-29.60E
GSF-140	16-24.70N	082-23.30E
NOBLE DUCHESS	16-08.83N	081-40.92E
SAGAR VIJAY	16-15.30N	082-10.67E
SAGAR RATNA	16-22.73N	082-01.39E
2.	Wide berth requested.	

287. India West Coast – Arabian Sea. Charts 22 211 255 292. Unlit platforms and buoys reported in Mumbai high, Neelam, Heera, Bassein oilfields.
2. Caution advised.
288. India West Coast – Mumbai Port. Charts 21 211 255 293 2016 INT 71. MPT channel buoy N1 displaced from charted position and presently located in approx position 18-49.34N 072-42.05E.
2. Vessels to navigate with caution.
289. East Coast – Chennai. Charts 32 33 313 356 357 3001 INT 706. Firing practice by Naval Coast Battery scheduled on 24 Apr 15 between 0530 - 0730 UTC.
2. Danger sector extending upto 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E.
3. Safe flying ht 12800 M.
4. No vessels permitted in danger area.
5. Cancel this MSG 240830 UTC Apr 15.
290. West Coast – Off Okha and Porbandar. Charts 21 202 204 205 251 252 271 291 INT 71. Firing from Kathiawar air range scheduled daily from 27 Apr – 15 May15 from 0230-0930 UTC in danger area bounded by:
(a) 22-12.00N 068-36.33E (b) 21-15.50N 069-04.00E
(c) 21-09.00N 069-40.00E (d) 21-15.50N 069-42.50E
(e) 22-05.75N 068-49.00E
2. No vessels permitted in danger area.
3. Cancel this MSG 151030 UTC May 15.
291. Cancel NAVAREA VIII 255/15 and this MSG. INTM 078/15 refers.
292. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 71. Firing practice by Naval Coast Battery scheduled on 23 Apr 15 from 0530-0730 UTC.
2. Danger area extending upto 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E
3. Safe flying ht 12900 M.
4. Cancel this MSG 230830 UTC Apr 15.
293. India East Coast – Bay of Bengal. Charts 31 32 391 INT 71 INT 706. IN ships will carry out firing practice daily from 28-29 Apr 15 from 0330 - 0930 UTC in area bounded by:
(a) 15-30N 083-24E (b) 16-14N 084-00E
(c) 15-34N 084-46E (d) 15-08N 084-24E
2. Safe flying ht 8000 M.
3. No vessel permitted in danger area.
4. Cancel this MSG 291030 UTC Apr 15.
294. India East Coast – Tuticorin. Charts 31 224 262. Pandiyan Tivu DGPS will be switched off on 24 Apr 15 from 0230-1130 UTC.
2. Cancel this MSG 241230 UTC Apr 15.
295. Indian Ocean – off Reunion Island. Charts INT 70 INT 71. Tree trunk 1.5 m long reported adrift in position 20-58.20S 055-13.20E.
2. Caution advised.
3. Cancel this MSG 231000 UTC Apr 15.
296. Cancel NAVAREA VIII 281/15. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list correct at 221005 UTC Apr 15.
ABAN ICE 19-11.41N 071-16.66E
ABAN III 19-22.07N 071-26.07E
ABAN IV 19-25.23N 071-16.99E
BADRINATH 19-28.06N 071-53.40E
CE THORNTON 21-03.00N 072-23.00E
DISCOVERY-1 19-05.35N 072-06.89E
DYNAMIC VISION 18-39.23N 070-58.86E
DEEP SEA FORTUNE 19-40.14N 072-00.34E NEW
ENERGY DRILLER 18-39.56N 072-06.00E
FG MC CLINTOCK 19-13.43N 071-28.72E
GREAT DRILLER CHAAYA 18-40.10N 072-13.58E
GREATDRILL CHETNA 19-57.30N 071-14.47E
GREATDRILL CHITRA 19-19.55N 072-00.81E
GREATDRILL CHAARU 18-40.04N 072-19.95E NEW
HARVEY H WARD 19-36.73N 071-24.01E
JINDAL STAR 19-08.72N 071-55.25E
JT ANGEL 21-03.02N 072-21.89E
KEDARNATH 19-04.27N 072-05.40E NEW
PARAGON L-786 19-22.51N 071-21.80E
PARAGON M 1161 19-28.15N 071-14.64E NEW
RON TAPMEYAR 19-28.98N 071-19.63E

296. Continued.

SAGAR GAURAV	20-58.00N	071-33.00E
SAGAR SHAKTI	20-20.43N	071-15.41E
SAGAR JYOTI	19-25.14N	071-15.83E NEW
SAGAR KIRAN	18-39.66N	072-13.33E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-36.21N	072-13.99E
TRIDENT II	18-29.41N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-06.08N	070-56.43E
VIRTUE-I	18-58.44N	071-37.44E NEW
VALIANT DRILLER	19-25.36N	071-19.57E

2. Wide berth requested.

297. Cancel NAVAREA VIII 280/15 and this MSG.

298. India West Coast – Mumbai Port. Charts 21 211 255 293 2016 INT 71. MPT channel buoy N7 displaced from charted position and presently located 18-50.11N 072-46.47E approx.

2. Caution advised.

299. Andaman Sea – off Nicobar. Charts 33 41 471 472 INT 71. MV Geo Hind Sagar progressing seismic survey till 30 Apr 15 in area bounded by:

Line 1	10-00.79N	091-25.66E	to	09-36.31N	095-02.66E
Line 2	08-19.97N	092-31.17E	to	08-59.23N	095-02.37E
Line 3	07-10.89N	092-20.80E	to	08-28.58N	095-08.40E

2. Vessel towing seismic cable 05 NM long marked with yellow tail buoy with Fl strobe Lt.

3. Wide berth of 08 NM around vessel requested.

4. Cancel this MSG 010001 UTC May 15.

300. India East Coast – Bay of Bengal. Charts 31 32 391 INT 71 INT 706. IN ships will carry out firing practice on 27 Apr 15 from 0430 - 1330 UTC in area bounded by:

(a) 15-30N	083-24E	(b) 16-14N	084-00E
(c) 15-34N	084-46E	(d) 15-08N	084-24E

2. Safe flying ht 8000 M.

3. No vessel permitted in danger area.

4. Cancel this MSG 271430 UTC Apr 15.

301. Cancel NAVAREA VIII 296/15. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list correct at 221005 UTC Apr 15.

ABAN ICE	19-11.41N	071-16.66E
ABAN III	19-22.07N	071-26.07E
ABAN IV	19-25.23N	071-16.99E
BADRINATH	19-28.06N	071-53.40E
CE THORNTON	21-03.00N	072-23.00E
DISCOVERY-1	19-05.35N	072-06.89E
DYNAMIC VISION	18-39.23N	070-58.86E
DEEP SEA FORTUNE	19-40.14N	072-00.34E
ENERGY DRILLER	18-39.56N	072-06.00E
FG MC CLINTOCK	19-13.43N	071-28.72E
GREAT DRILLER CHAAYA	18-40.10N	072-13.58E
GREATDRILL CHETNA	19-57.30N	071-14.47E
GREATDRILL CHITRA	19-19.55N	072-00.81E
GREATDRILL CHAARU	18-40.04N	072-19.95E
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	19-08.72N	071-55.25E
JT ANGEL	21-03.02N	072-21.89E
KEDARNATH	19-04.27N	072-05.40E
PARAGON L-786	19-22.51N	071-21.80E
PARAGON M 1161	19-28.15N	071-14.64E
RON TAPMEYAR	19-28.98N	071-19.63E
SAGAR GAURAV	20-58.00N	071-33.00E
SAGAR SHAKTI	20-20.43N	071-15.41E
SAGAR JYOTI	19-25.14N	071-15.83E
SAGAR KIRAN	18-44.50N	072-19.63E NEW
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-36.21N	072-13.99E

301. Continued.		
	TRIDENT II	18-29.41N 072-14.73E
	TRIDENT XII	19-07.35N 072-06.45E
	VICTORY DRILLER	19-06.08N 070-56.43E
	VIRTUE-I	18-58.44N 071-37.44E
	VALIANT DRILLER	19-25.36N 071-19.57E
2.	wide berth requested	
302. Cancel NAVAREA VIII 208/15 and this MSG.		
303. India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706.		
2.	Army air defence firing scheduled from 292330-301730 UTC Apr, 302330 Apr -011730 May, 012330-021730 272330-281730, 282330-291730 and 292330-301730 UTC May 15 in area bounded by:	
	(a) 19-14.60N 084-53.70E	(b) 19-07.39N 085-35.94E (c) 18-33.61N 084-53.74E
	And arc of 42 NM radius joining point (b) and (c).	
	Safe flying ht 6100 M.	
3.	PTA flight scheduled from 292330-301730 UTC Apr, 302330 Apr -011730 May, 012330-021730, 272330-281730, 282330-291730 and 292330-301730 UTC May 15 in area bounded by:	
	(a) 19-17.67N 084-55.21E	(b) 19-10.75N 084-47.38E
	(c) 18-56.03N 084-52.64E	(d) 19-12.33N 085-14.92E
	Safe flying height 1550 M.	
4.	No over flight and vessels permitted in area.	
5.	Cancel this MSG 301830 UTC May 15.	
304. Cancel NAVAREA VIII 143/15. India West Coast – Off Mumbai. Charts 21 210 211 254 292 INT 71. WG Magellan and Vespucci progressing seismic survey till 31 May 15 in area bounded by:		
	(a) 18-58.00N 072-34.13E	(b) 19-22.75N 072-36.73E
	(c) 19-44.38N 072-36.75E	(d) 19-52.12N 072-24.30E
	(e) 19-52.11N 071-48.41E	(f) 18-58.00N 071-48.46E
2.	Vessels towing 08 cables of 3.6 NM length with yellow tail buoy with Fl Lt.	
3.	Wide berth of 05 NM astern and 02 NM ahead/ abeam requested.	
4.	Cancel this MSG 010001 UTC Jun 15.	
305. India West Coast – Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery scheduled on		
	<u>Date</u>	<u>Time (UTC)</u>
	01 May 15	0900 to 1200
	05 May 15	0900 to 1200
	08 May 15	0900 to 1200
	12 May 15	0900 to 1200 and 1230 to 1430
	15 May 15	0900 to 1200
	19 May 15	0900 to 1200
	22 May 15	0900 to 1200
	26 May 15	0900 to 1200 and 1230 to 1430
	29 May 15	0900 to 1200
	02 Jun 15	0900 to 1200
2.	Firing area bounded by:	
	(a) 09-57.5N 075-59.5E	(b) 09-57.7N 076-14.2E
	(c) 09-44.0N 076-17.5E	(d) 09-42.5N 076-09.5E
3.	Safe flying ht 10000 M.	
4.	Cancel this MSG 021300 UTC Jun 15.	
306. 2014 series – 111 211 233 241 310 311 336 398 405 406 415 438 439 467 476 586 614 654 676		
2015 series - 025 030 055 081 099 122 124 133 154 160 161 164 178 183 206 225 236 247 252 259 260 261 269 272 274 276 281 286 287 288 290 293 298 299 300 301 303 304 305		
(a)	NAVAREA VIII Warnings less than 42 days old (206/15 onward) promulgated via SafetyNET	
(b)	Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on www.hydrobharat.nic.in	
(c)	Text of NAVAREA Viii warnings also printed in fortnightly Indian N to M	
2.	Cancel this MSG 011005 UTC may 15.	
307. Lakshadweep Sea-SW of Colombo. charts 23 263 264 INT 71. Cable layer Ile de Batz will progress ROV trials between 06-45.03n 079-38.79e to 06-44.48n 079-37.96e from 251000 - 261900 UTC Apr 15		
2.	wide berth of 01 nm requested	
3.	Cancel this MSG 262000 UTC Apr 15	

308. Lakshadweep Sea – Gulf of Mannar. charts 32 358 INT 71. SV mermaid discovery will progress met / geo hazard survey from 25 Apr to 24 may 15 in area bounded by				
(a)	08-58.09N	079-03.59E	(b)	08-58.11N 079-06.32E
(c)	08-55.40N	079-06.35E	(d)	08-55.38N 079-03.10E
3.	Wide berth of 05 NM around vessel requested			
4.	Cancel this MSG 250001 UTC May 15			
309. India West Coast – Mumbai. Charts 21 211 255 293 2015 2016 INT 71. prongs lighthouse ALOL F 0514 Racon not working				
310. India East Coast – SE off Kakinada. Charts 31 32 391 INT 71 INT 706. Naval Ships will carry out firing on 04 may 15 from 0230 - 0930 UTC in area bounded by				
(a)	15-30N	083-24E	(b)	16-14N 084-00E
(c)	15-34N	084-46E	(d)	15-08N 084-24E
2.	Safe flying height 8000 m			
3.	Cancel this MSG 041030 UTC May 15			
311. Cancel NAVAREA VIII 301/15. India West Coast - Arabian Sea. charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. rig list. correct at 281002 UTC Apr 15				
	ABAN ICE	19-11.41N	071-16.66E	
	ABAN III	19-22.07N	071-26.07E	
	ABAN IV	19-25.23N	071-16.99E	
	BADRINATH	19-28.06N	071-53.40E	
	CE THORNTON	21-03.00N	072-23.00E	
	DISCOVERY-1	19-05.35N	072-06.89E	
	DYNAMIC VISION	18-39.23N	070-58.86E	
	DEEP SEA FORTUNE	19-40.14N	072-00.34E	
	FG MC CLINTOCK	19-13.43N	071-28.72E	
	GREAT DRILLER CHAAYA	18-40.10N	072-13.58E	
	GREATDRILL CHETNA	19-57.30N	071-14.47E	
	GREATDRILL CHITRA	19-19.55N	072-00.81E	
	GREATDRILL CHAARU	18-40.04N	072-19.95E	
	HARVEY H WARD	19-36.73N	071-24.01E	
	JINDAL STAR	19-08.72N	071-55.25E	
	JT ANGEL	21-03.02N	072-21.89E	
	KEDARNATH	19-04.27N	072-05.40E	
	PARAGON L-786	19-22.51N	071-21.80E	
	PARAGON M 1161	19-28.15N	071-14.64E	
	RON TAPMEYAR	19-28.98N	071-19.63E	
	SAGAR GAURAV	20-58.00N	071-33.00E	
	SAGAR SHAKTI	20-20.43N	071-15.41E	
	SAGAR JYOTI	19-25.14N	071-15.83E	
	SAGAR KIRAN	18-44.50N	072-19.63E	
	SAGAR LAXMI	20-58.00N	071-33.00E	
	SAGAR PRAGATI	20-58.00N	071-33.00E	
	SAGAR UDAY	18-36.16N	071-01.64E	
	SUNDOWNER VII	18-36.21N	072-13.99E	
	TRIDENT II	18-29.41N	072-14.73E	
	TRIDENT XII	19-07.35N	072-06.45E	
	VICTORY DRILLER	19-06.08N	070-56.43E	
	VIRTUE-I	18-58.44N	071-37.44E	
	VALIANT DRILLER	19-25.36N	071-19.57E	
2.	wide berth requested			
312. Lakshadweep Sea – SW Off Dondra Head. Charts 32 264 INT 71(.) Cable layer Ile de Batz progressing operations in area bounded by				
(a)	05-40.57N	079-03.34E	(b)	05-34.43N 079-02.27E
(c)	05-20.14N	079-38.65E		
2.	Wide berth of 01 NM Requested.			
313. Lakshadweep Sea - Minicoy. Charts 22 23 273 2006 INT 71. Minicoy DGPS station will be off air on 02 May from 0130-1030 UTC				
2.	Cancel this MSG 021130 UTC May 15.			

<p>314. INDIA EAST COAST – SE OF KAKINADA. Charts 31 32 INT 71 INT 706. Naval ships will carry out missile firing practice on 07 May from 1030-1830 UTC and 08 May 15 from 0030-0930 UTC in area bounded by</p> <p>(a) 15-30.0N 083-24.0E (b) 16-17.0N 084-02.5E (c) 15-11.0N 085-20.0E (d) 14-05.0N 084-27.5E</p> <p>2. Safe flying Ht 22000 m 3. No vessels permitted in danger area 4. Cancel this MSG 081030 UTC May 15.</p>	<p>315. North Indian Ocean. Charts INT 71 INT 706 INT 707. Sri Lankan FV Madu Kumari-01 reported adrift due broken shaft with 06 crew since 290930 UTC Apr 15 in vicinity of 03-00 N 077-43E</p>
<p>316. Lakshadweep Sea – SW of Colombo. Charts INT 71 INT 706 INT 707. Asanka Putha-03 Fishing trawler reported damaged and abandoned on 241430 UTC Apr 15 IN vicinity of 04-55N 078-11E</p> <p>2. Caution advised.</p>	<p>317. Andaman Sea. Charts 41 452 INT 71. MV Mariner progressing geotechnical site survey till 26 May 15 in points</p> <p>(a) 14-31.49N 095-30.03E (b) 14-31.58N 096-14.70E (c) 14-00.31N 096-14.53E (d) 14-00.25N 095-50.86E (e) 13-52.40N 095-50.81E (f) 13-52.41N 095-30.12E</p> <p>2. Unauthorized navigation prohibited within 2 Km from survey area 3. Cancel this MSG 270001 UTC May 15.</p>

SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

Bay of Bengal Pilot (INP-2)

Chapter -9 (Page – 312)

Article 9.18,

Delete Para 3, 4 & 5 and replace by,

3 **Trinkat Island** (08°05'N, 93°35'E) lies E of the S part of Camorta Island and is separated from the latter by Beresford Channel. The island is fringed by reefs on all sides except at its N and NW side. The reef is extremely shallow and dangerous for even small vessels. NW side of the island is marshy and inundated. Stumps of dead trees can be seen in the swamps.



Morel Point and Morel Point Light

4 **Morel Point** (08°02'N, 93°35'E), is the S point of Trinkat Island and is 15m high. A light is exhibited from Morrel Point from a white round masonry tower at an elevation of 11m. On the S and SW side of the Morrel point, few rocks extend 200 m offshore and may result in false radar range, especially during LW.

5 **Anchorage** may also be obtained about 2 miles E of the N extremity of Trinkat Island. However, Local Knowledge is necessary. The set is generally onshore and a close watch on anchor is advised.

(Source: ROS, N-107)

(09/15)

SECTION – VII

CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D6492.1	- Inhaca	25 58.60 S 32 59.31 E	Fl(2+1)W15s	109	23	White 6-sided tower 31	Aeromarine. W224°-212° (348°).
- -	- -	. .	Iso R 4s	. .	12	. .	TE 2015 R212°-224° (12°) over Baixo Danae Shoal. TE 2015
D7350.95	- Az Zorah Oilfield	25 37.10 N 55 12.40 E	Lit	. .	10	Platform	*
*	*	*	*	*	*	*	*
D7362.943	Belgulam. B3	24 34.08 N 54 35.64 E	VQ W	. .	. .	White beacon	*
*	*	*	*	*	*	*	*
D7362.944	- B4	24 34.03 N 54 35.44 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.945	- B5	24 34.01 N 54 35.51 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.946	- B6	24 33.98 N 54 35.34 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.947	- B7	24 33.93 N 54 35.38 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.948	- B25	24 33.93 N 54 35.34 E	Fl Y 5s	. .	. .	Yellow beacon	*
*	*	*	*	*	*	*	*
D7362.95	- B8	24 33.98 N 54 35.80 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.951	- B9	24 33.95 N 54 35.71 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.952	- B10	24 33.53 N 54 35.92 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.953	- B11	24 33.52 N 54 35.84 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.954	- B12	24 33.18 N 54 35.96 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.955	- B13	24 33.17 N 54 35.80 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.956	- B14	24 32.88 N 54 36.00 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.957	- B15	24 32.86 N 54 35.92 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.967	- B16	24 32.52 N 54 36.06 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*
D7362.968	- B17	24 32.51 N 54 35.97 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.969	- B19	24 32.33 N 54 36.00 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.97	- B21	24 32.25 N 54 36.01 E	Fl G 3s	. .	. .	Green beacon	*
*	*	*	*	*	*	*	*
D7362.971	- B20	24 32.05 N 54 36.12 E	Fl R 3s	. .	. .	Red beacon	*
*	*	*	*	*	*	*	*

7.2

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7362.973	- B22	24 31.53 N 54 36.19 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.36	- Al Jubail. J4	24 29.78 N 54 28.35 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.361	- - J3	24 29.75 N 54 28.42 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.362	- - J5	24 30.08 N 54 28.56 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.363	- - J6	24 30.11 N 54 28.50 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.364	- - J7	24 30.27 N 54 28.57 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.365	- - J10	24 30.60 N 54 28.39 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.366	- - J11	24 30.83 N 54 28.39 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.367	- - J16	24 31.33 N 54 28.05 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.368	- - J17	24 31.50 N 54 27.97 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.369	- - J21	24 31.94 N 54 27.73 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.37	- - J22	24 32.41 N 54 27.62 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.371	- - J23	24 32.38 N 54 27.56 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.372	- - J24	24 32.88 N 54 27.48 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.373	- - J25	24 32.88 N 54 27.39 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.374	- - J26	24 33.03 N 54 27.46 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.375	- - J28	24 33.69 N 54 27.75 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.376	- - J29	24 34.17 N 54 28.02 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.377	- - J30	24 34.48 N 54 28.22 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*
D7363.378	- - J31	24 34.53 N 54 28.16 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.4065	- - No 3	24 27.17 N 54 32.16 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7363.4068	- - No 2	24 26.87 N 54 32.46 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7364.3	- Khawr al Futaysi. No 5	24 26.69 N 54 18.63 E	Fl R 3s	..	..	Red beacon	
*	*	*	*	*	*	*	*
D7364.33	- - No 3	24 26.37 N 54 18.62 E	Fl G 3s	..	..	Green beacon	
*	*	*	*	*	*	*	*

7.3

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7364.35	- - No 4	24 26.37 N 54 18.56 E	Fl R 3s	. .	. .	Red beacon	
*	*	*	*	*	*	*	*
D7364.37	- - No 2	24 25.92 N 54 18.53 E	Fl G 3s	. .	. .	Green beacon	
*	*	*	*	*	*	*	*
D7364.38	- - No 1	24 25.94 N 54 18.48 E	Fl R 3s	. .	. .	Red beacon	
*	*	*	*	*	*	*	*
D7364.39	- Al Najwah al Awdah. No 9	24 25.29 N 54 18.73 E	Fl R 3s	. .	. .	Red beacon	
*	*	*	*	*	*	*	*
D7364.393	- - No 10	24 25.02 N 54 18.92 E	Fl G 3s	. .	. .	Green beacon	
*	*	*	*	*	*	*	*
D7364.398	- - No 79	24 24.77 N 54 18.24 E	Fl Y 5s	. .	. .	Beacon	
*	*	*	*	*	*	*	*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 08 dated 16 Apr 2015)

NIL

INP 31(2), 2014

(Last correction: Edition No. 05 dated 01 Mar 2015)

NIL

INP 31(5), 2011

(Last correction: Edition No. 22 dated 16 Nov 2014)

NIL

INP 31(6), 2012

(Last correction: Edition No. 06 dated 16 Mar 2015)

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, ENC's 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