



INDIAN NOTICES TO MARINERS



EDITION NO. 02 DATED 16 JAN 2018
(CONTAINS NOTICES 037 TO 043)

REACH US 24 x 7



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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 inforce
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-inho@navy.gov.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 after 31 Oct 14 carry NHO crest as watermark on the reverse with backslip. Chart Agent's stamp is 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 charts and publications. Failure to comply with the warning may invite legal action.

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 some 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>
2551	30-11-2017	APPROACHES TO PORT VICTORIA LIMITS 04° 40'.80S; 55° 27'.20E. 04° 22'.00S; 55° 39'.00E.	35,000	1	Rs. 1870.00
2552	30-11-2017	WESTERN APPROACHES TO MAHE ISLAND LIMITS 04° 45'.00S; 55° 08'.00E. 04° 32'.00S; 55° 28'.00E.	37,500	1	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>
3037	31-12-2017	DHAMRA PORT LIMITS 20° 45'.60N; 86° 56'.60E. 20° 52'.30N; 87° 01'.30E.	12,500	5	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>
2502	28-02-2009	WESTERN APPROACHES TO MAHE ISLAND	2552	30-11-2017
3037	30-11-2012	DHAMRA PORT	3037	31-12-2017

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52551A	2551	APPROACHES TO PORT VICTORIA	10-01-2018
IN52552W	2552	WESTERN APPROACHES TO MAHE ISLAND	10-01-2018

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>
IN63037D	3037	DHAMRA PORT	05-01-2018

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>
IN63037D	3037	DHAMRA PORT	14-07-2016
IN54002A	4002	APPROACHES TO PORT MEADOWS & KOTARA ANCHORAGE	13-12-2012

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
221	ALLEPPEY TO QUILON	1,50,000	New Chart
222	QUILON TO KOLACHEL	1,50,000	New Chart
351 (INT 7419)	PARADIP TO PUSSUR RIVER	3,00,000	New Chart
2042	APPROACHES TO MALVAN	50,000	New Chart
3006 (INT 7423)	HUGLI RIVER;		New Chart
	KUKRAHATI REACH TO ROYAPUR CROSSING	37,500	
	ROYAPUR CROSSING TO CALCUTTA DOCKS	37,500	
	CALCUTTA DOCKS	17,500	
3009 (INT 7407)	KAKINADA PORT	10,000	New Chart
	KAKINADA ANCHORAGE	25,000	
3026	APPROACHES TO VADAREVU AND NIZAMPATNAM BAY	75,000	New Chart
3038	APPROACHES TO DHAMRA PORT	25,000	New Edition
4111	PORT ANSON	25,000	New Chart
4173	KATCHALL ISLAND (WESTERN PORTION)	25,000	New Chart

Availability of ENCs

The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENCs 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 Web site: www.hydro.gov.uk	C-MAP Norway AS Nyaskaiveien 2, 4379 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: enc@c-map.com , info@c-map.co.no Website: www.c-map.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 Telangana 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 037 to 043 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	037
31 (INT 756)	5	042
32 (INT 754)	5	039
41 (INT 757)	6	042
203 (INT 7319)	2	037
213	3	038
224	4	039
262 (INT 7365)	4	039
288	1	040
324	7	042
325	7	042
360	7	042
371	7	042
2041	3	038
2042	3	038
2046	3	038
2051 (INT 7333)	2	037
2060	2	037
2068	2	037
2075 (INT 7366)	4	039
4027	7	041

SECTION – II
PERMANENT NOTICES

***037 (02/18) INDIA – WEST COAST – Salaya Harbour – Wreck.**

Source: ICGS Vadinar.

Chart 21 [previous update 032/18]

Insert  22° 30′.23N., 69° 39′.78E.

Delete  22° 30′.15N., 69° 39′.00E.

Chart 203 (INT 7319) [previous update 144/17]

Insert  22° 30′.19N., 69° 39′.79E.

Delete  22° 30′.11N., 69° 39′.01E.

Chart 2068 [previous update 144/17]

Insert  22° 30′.19N., 69° 39′.79E.

Delete  22° 30′.11N., 69° 39′.01E.

Chart 2060 [previous update 116/17]

Insert  22° 30′.23N., 69° 39′.78E.

Delete  22° 30′.15N., 69° 39′.00E.

Chart 2060 (Plan) [previous update 116/17]

Insert  22° 30′.23N., 69° 39′.78E.

Delete  22° 30′.15N., 69° 39′.00E.

Chart 2051 (INT 7333) [previous update 128/17]

Insert  22° 30′.23N., 69° 39′.78E.

Delete  22° 30′.15N., 69° 39′.00E.

***038 (02/18) INDIA – WEST COAST – Malvan Anchorage – Note, Depths, Lights and Buoys.**

Source: NHO, Dehradun.

Chart 2046 (Redi Anchorage) [previous update NE 30 Apr 17]

Insert *Characteristics “FL.G.5s”* 15° 45′.03N., 73° 38′.49E.

15° 45′.00N., 73° 39′.07E.

Chart 213 [previous update 199/16]

Remove *Sector of Light* 16° 03′.12N., 73° 28′.26E.

038 (02/18) INDIA – WEST COAST – Malvan Anchorage – Note, Depths, Lights and Buoys. (Continued).*Chart 2042** [previous update 131/15]

Remove Sector of Light 16° 03′.12N., 73° 28′.26E.

Chart 2041 (Malvan Anchorage) [previous update 095/17]

Substitute Legend "Tidal Stream referred to HW at Karwar" for "Tidal Stream referred to HW at Malvan", centered on 16° 04′.17N., 73° 29′.13E.

Remove Sectors of Lights 16° 03′.08N., 73° 28′.15E.

16° 03′.11N., 73° 28′.27E.

***039 (02/18) INDIA – West Coast – Approaches to Tuticorin – Wreck.**

Source: ICGS Tuticorin.

Chart 32 (INT 754) [previous update 171/17]


Insert  08° 41′.84N., 78° 15′.20E.

Chart 262 (INT 7365) [previous update 171/17]

Insert  08° 41′.84N., 78° 15′.20E.

Chart 224 [previous update 171/17]

Insert  08° 41′.84N., 78° 15′.20E.

Chart 2075 (INT 7366) [previous update NC 15 Aug 16]

Insert  08° 41′.84N., 78° 15′.20E.

040 (02/18) Qatar To Shatt Al Arab – Light.

Source: BA Notice No. 5354/17.

Chart 288 [previous update 173/17]

Insert  Fl.6s15M 29° 08′.70N., 50° 39′.40E.

041 (02/18) MALAYSIA – WEST COAST – Pinang Harbour – Legend.

Source: BA Notice No. 5416/17.


Chart 4027 [previous update 190/14]

Insert Legend, "Dredged to 10.0 m, orientated NW/SE", centered on 05° 28′.72N., 100° 20′.48E.

042 (02/18) BAY OF BENGAL AND ANDAMAN SEA – COAST OF BURMA – Hnget- Taung Island to Bassein River – Submarine Cable.

Source: BA Notice No. 336/17.

Chart 31 (INT 756) [previous update 172/17]


Insert submarine cable, , joining:

21° 48′.60N., 90° 07′.50E. (shore)
 21° 18′.20N., 89° 58′.70E.
 20° 17′.50N., 89° 57′.70E.

and

16° 48′.70N., 94° 24′.50E. (shore)
 16° 49′.30N., 94° 17′.00E.
 16° 57′.00N., 93° 58′.30E.

Chart 41 (INT 757) [previous update 175/17]

Insert submarine cable, , joining:

16° 48′.80N., 94° 23′.90E. (shore)
 16° 49′.50N., 94° 16′.50E.
 16° 57′.00N., 93° 58′.10E.

Chart 371 [previous update 126/17]

Insert submarine cable, , joining:

16° 48′.80N., 94° 23′.90E. (shore)
 16° 49′.50N., 94° 16′.50E.
 16° 57′.00N., 93° 58′.10E.

Chart 360 [previous update 172/17]

Insert submarine cable, , joining:

21° 48′.65N., 90° 07′.47E. (shore)
 21° 17′.75N., 89° 58′.77E.
 20° 55′.00N., 89° 58′.70E. (S Border)

Chart 324 [previous update 044/16]

Insert submarine cable, , joining:

16° 50′.40N., 94° 13′.60E. (S Border)
 16° 57′.00N., 93° 58′.10E.

Chart 325 [previous update 126/17]

Insert submarine cable, , joining:

16° 48′.80N., 94° 24′.00E. (shore)
 16° 49′.20N., 94° 20′.30E.
 16° 49′.50N., 94° 16′.80E.
 16° 55′.00N., 94° 03′.20E.
 16° 56′.00N., 94° 00′.40E. (N Border)

*043 (02/18)	Miscellaneous notice.
Source: NHO.	
Cancel notice 178(T)/17.	

SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

NIL



SECTION – IV

MARINE INFORMATION

1. **NAVTEX TRANSMISSION**

Status of MSI Promulgation by NAVTEX Stations is as follows:-

Mauritius (Cassis) - Operational

Seychelles (Mahe) - Operational

Following new Navtex stations along the Indian coast are operating on trial basis:-

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
Sl.	Station Name	B1	Broad Cast Timings in UTC					
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengrula Point	J	0130	0530	0930	1330	1730	2130
(c)	Muttam Point	L	0150	0550	0950	1350	1750	2150
(d)	Porto Novo	O	0220	0620	1020	1420	1820	2220
(e)	Vakalpudi	Q	0240	0640	1040	1440	1840	2240
(f)	Balasore	S	0300	0700	1100	1500	1900	2300
(g)	Keating Point	V	0330	0730	1130	1530	1930	2330

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.

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.

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.

List of Indian Chart Agents

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Insrtuments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>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</p>	<p>E.W.Liner Charts & Publication (India) 2/524, Sandeep Road, Chinna Neelangarai, Chennai - 600041 Tele: +91-44-24490668 Fax: +91-44-24491668 Mob No : +91-9003245348 Email: ewl-india@ewliner.com Web: www.ewliner.com</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in , sales@ccmarine.in</p>	<p>M/s Engineering Logistics Executive Multi Services Elems 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</p>
<p>M/s SVR Chart Agencies Door No.50-81-48/4, Seetammapeta, Visakhapatnam – 530 016 Tel/ Fax: 0891-2799471, Cell: +91-9849120988, 9885797333 Email : mahalakshmitravels99@gmail.com mahalakshmitravels@hotmail.com</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>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</p>	<p>M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gniindia.in Web: www.gniindia.in</p>
<p>M/s Lift o Marine Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftmarine.org, liftmarine77@gmail.com Web: www.liftmarine.org</p>	<p>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com , lrmarine@live.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’s Plam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com sanjeev.sharma@iictechnologies.com Web: www.iictechnologies.com</p>

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 18:

2016 SERIES	– 432	644	723																	
2017 SERIES	– 305	345	394	414	486	493	529	576	635	685	697	703	710	713	723	762	793	814	827	
	829	836	866	869	872	876	906	909	912	918	932	935	937	939	940	943	944	946		
2018 SERIES	– 002	017	019	022	026	028	029	033	035	039	040	041	042	043	044	045	046	047	048	
	049	051	052	053																

3. NAVAREA VIII Warnings issued during the period from 01 Jan 18 to 15 Jan 18 (both dates inclusive) are as tabulated below:–

001.	Wishing all Seafarers fair winds following seas and safe navigation. Shano Varuna.
2.	Cancel this MSG 04 Jan 18.
002.	W Indian Ocean – off Grand Port. Charts 2507 INT 71 BA 711 712. INS Sarvekshak progressing hydrographic survey in area bounded within 20-13S to 20-44S and 057-33E to 058-14E. Wide berth requested.
2.	Cancel this MSG 241830 UTC Jan 18.
003.	India West Coast – Okha. Charts 21 203 2068 INT 71. Firing by Naval Coast Battery scheduled on 05 Jan 18 from 0530-0730 UTC.
2.	Danger sector extending upto 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E.
3.	Cancel this MSG 050830 UTC Jan 18.
004.	Cancel NAVAREA VIII MSG 928/17 and this MSG.
005.	India West Coast – off Netrani I. Charts 22 216 257 293 2072 INT 71. Firing by Naval Ships scheduled on 06 Jan 18 from 0600 - 1200 UTC in danger area bounded by 13-56.2N 074-13.6E, 14-07.2N 073-25.07E, 14-07.2N 074-13.6E, 13-55.2N 074-25.07E
2.	Cancel this MSG 061300 UTC Jan 18.
006.	India West Coast – off Mangalore. Charts 217 258 272 INT 71. INS Makar progressing survey using towed Sonar in areas bounded within (A) 12-47N TO 12-49.8N AND 074-43.4E TO 074-50E (B) 13-00N TO 13-02N AND 074-43E TO 074-46E.
2.	Wide berth of 03 NM requested.
3.	Cancel this MSG 101830 UTC Jan 18.
007.	India West Coast. Charts 251 254 255 292 INT 71. Rig list:-
	ABAN ICE 19-39.99N 071-35.74E
	ABAN III 18-16.38N 072-22.82E
	ABAN IV 18-43.45N 072-20.32E
	ACTINIA 19-19.57N 071-01.61E
	CE THORNTON 18-29.86N 072-15.00E
	DEEP SEA FORTUNE 19-14.24N 072-06.46E NEW
	DEEP SEA FOSSIL 19-18.12N 071-30.38E
	DYNAMIC VISION 19-11.05N 072-11.21E
	FG MCCLINTOCK 18-55.85N 072-18.37E
	GALVESTON KEY 20-34.64N 072-00.12E
	GREAT DRILL CHAAYA 19-15.20N 072-02.16E
	GREAT DRILL CHARU 19-38.24N 071-00.92E
	GREAT DRILL CHITRA 19-42.70N 072-04.25E
	JINDAL STAR 19-08.71N 072-07.02E
	JINDAL SUPREME 20-16.12N 071-55.14E
	NOBLE ED HOLT 20-11.53N 071-52.25E
	PARAGON L786 18-34.48N 072-16.77E
	PARAGON M 1161 19-31.16N 071-19.85E
	PARAMESWARA 20-42.28N 072-12.82E
	SAGAR GAURAV 22-49.18N 068-29.11E
	SAGAR JYOTI 19-21.09N 071-14.64E
	SAGAR KIRAN 18-36.17N 072-01.65E
	SAGAR SHAKTI 19-15.49N 072-08.23E
	SAGAR UDAY 19-08.42N 070-53.87E
	TRIDENT II 19-17.81N 070-56.18E
	VALIANT DRILLER 19-39.80N 071-17.59E
	VIRTUE-I 20-05.60N 071-48.57E
	VIVEKANANDA1 19-15.64N 072-06.59E

007.	Continued. VIVEKANANDA2 19-29.98N 071-16.28E 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 931.
008.	India West Coast – off Mormugao. Charts 22 213 214 256 257 293 INT 71 705 706. Firing by Naval Ships scheduled on 08 Jan 18 from 0330-1830 UTC in danger area bounded by 14-15N 072-52E, 14-20N 071-52E, 15-30N 071-48E, 16-09N 072-44.5E, 15-17N 073-21E. 2. Cancel this MSG 081930 UTC Jan 18.
009.	India West Coast – off Karwar. Charts 21 215 257 293 INT 71 705. Firing by Naval Ships scheduled on 08 Jan 18 from 0630-1100 UTC in danger area bounded within 14-15N to 14-45N and 073-00E TO 073-30E. 2. Cancel this MSG 081200 UTC Jan 18.
010.	Cancel NAVAREA VIII MSG 834 919 and this MSG. INTM 032 033 refers.
011.	India West Coast. Charts 251 254 255 292 INT 71. Rig list:- ABAN ICE 19-39.99N 071-35.74E ABAN III 18-16.38N 072-22.82E ABAN IV 18-43.45N 072-20.32E ACTINIA 19-19.57N 071-01.61E CE THORNTON 18-29.86N 072-15.00E DEEP DRILLER 4 21-03.93N 072-31.62E NEW DEEP SEA FORTUNE 19-14.24N 072-06.46E DEEP SEA FOSSIL 19-18.12N 071-30.38E DYNAMIC VISION 19-11.05N 072-11.21E FG MCCLINTOCK 18-55.85N 072-18.37E GALVESTON KEY 20-34.64N 072-00.12E GREAT DRILL CHAAYA 19-15.20N 072-02.16E GREAT DRILL CHARU 19-38.24N 071-00.92E GREAT DRILL CHITRA 19-42.70N 072-04.25E JINDAL STAR 19-08.71N 072-07.02E JINDAL SUPREME 20-16.12N 071-55.14E NOBLE ED HOLT 20-11.53N 071-52.25E PARAGON L786 18-34.48N 072-16.77E PARAGON M 1161 19-31.16N 071-19.85E PARAMESWARA 20-42.28N 072-12.82E SAGAR GAURAV 22-49.18N 068-29.11E SAGAR JYOTI 19-21.09N 071-14.64E SAGAR KIRAN 18-36.17N 072-01.65E SAGAR SHAKTI 19-15.49N 072-08.23E SAGAR UDAY 19-08.42N 070-53.87E TRIDENT II 19-17.81N 070-56.18E VALIANT DRILLER 19-39.80N 071-17.59E VIRTUE-I 20-05.60N 071-48.57E VIVEKANANDA1 19-15.64N 072-06.59E VIVEKANANDA2 19-29.98N 071-16.28E 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 007.
012.	Andaman Sea – Ross I. Charts 4003 INT 71. Port Cornwallis LT (13-18N 093-04E) Unlit.
013.	Central Arabian Sea. Chart INT 71. SLFV L- Roy 2 reported adrift 10-30N 067-16E at 021330 UTC Jan 18. 2. Cancel this MSG 051330 UTC Jan 18.
014.	India West Coast. Charts 251 254 255 292 INT 71. Rig list:- ABAN ICE 19-39.99N 071-35.74E ABAN III 18-16.38N 072-22.82E ABAN IV 18-43.45N 072-20.32E ACTINIA 19-19.57N 071-01.61E CE THORNTON 18-29.86N 072-15.00E DEEP DRILLER 4 21-03.93N 072-31.62E DEEP SEA FORTUNE 19-14.24N 072-06.46E DEEP SEA FOSSIL 19-18.12N 071-30.38E DYNAMIC VISION 19-11.05N 072-11.21E FG MCCLINTOCK 18-55.85N 072-18.37E GALVESTON KEY 20-37.78N 072-04.07E NEW GREAT DRILL CHAAYA 19-15.20N 072-02.16E GREAT DRILL CHARU 19-38.24N 071-00.92E GREAT DRILL CHITRA 19-42.70N 072-04.25E JINDAL STAR 19-08.71N 072-07.02E JINDAL SUPREME 20-16.12N 071-55.14E NOBLE ED HOLT 20-11.53N 071-52.25E PARAGON L786 18-34.48N 072-16.77E PARAGON M 1161 19-31.16N 071-19.85E PARAMESWARA 20-42.28N 072-12.82E

014. Continued.	SAGAR GAURAV 22-49.18N 068-29.11E SAGAR JYOTI 19-21.09N 071-14.64E SAGAR KIRAN 18-36.17N 072-01.65E SAGAR SHAKTI 19-15.49N 072-08.23E SAGAR UDAY 19-08.42N 070-53.87E TRIDENT II 19-17.81N 070-56.18E VALIANT DRILLER 19-39.80N 071-17.59E VIRTUE-I 20-05.60N 071-48.57E VIVEKANANDA1 19-15.64N 072-06.59E VIVEKANANDA2 19-29.98N 071-16.28E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 011.
015. India West Coast – off Tapti ODA.	Charts 21 207 254 INT 71. MV Ganga Dolphin will progress survey from 08 Jan 18 in area bounded by 20-37.9N 071-56.7E, 20-37.8N 072-07.2E, 20-03.3N 072-06.5E, 20-03.7N 071-40.6E. Wide berth requested.
2.	Cancel this MSG 101830 UTC Jan 18.
016. Bay of Bengal – off Trincomalee.	Charts 359 3014 INT 71. Naval firing practice scheduled on 10 Jan 18 from 0230-1130 UTC in danger area bounded within 08-20N to 08-30N and 081-30E to 081-40E.
2.	Cancel this MSG 101230 UTC Jan 18.
017. Andaman Sea – off Barren I.	Charts 41 473 INT 71. Firing practice scheduled on 10, 11, 15, 16 Jan 18 from 0430-0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-20E.
2.	Cancel this MSG 161030 UTC Jan 18.
018. Bay of Bengal and Indian Ocean.	Charts 32 INT 70 71. PSLV launch scheduled from 10 – 12 Jan 18 between 0330 - 0730 UTC from 13-43.9N 080-14.2E
2.	Danger zone as follows: Zone-1: Circle of 10 NM around launcher Zone-2: 13-10N 080-25E, 13-25N 080-40E, 12-45N 081-15E, 12-30N 081-00E Zone-3: 11-45N 081-20E, 12-10N 081-50E, 10-45N 082-55E, 10-20N 082-25E Zone-4: 10-15N 082-30E, 10-40N 083-00E, 09-50N 083-35E, 09-25N 083-05E Zone-5: 08-25N 083-20E, 08-25N 083-55E, 07-15N 083-55E, 07-15N 083-20E Zone-6: 03-00S 081-10E, 03-20S 082-30E, 07-05S 081-35E, 06-45S 080-15E Zone-7: 29-45S 073-35E, 30-25S 076-10E, 39-55S 073-40E, 39-15S 071-05E
3.	Cancel this MSG 120830 UTC Jan 18.
019. N Bay of Bengal – off Myanmar.	Charts 371 INT 71 BA 823 825 830 818 4706. Firing by Naval Ships scheduled on 10 Jan 18 from 0001 UTC in danger area bounded within 16-30N to 18-00N and 93-15E to 94-30E. Wide berth of 2.5 NM requested.
2.	Cancel this MSG 092359 UTC Feb 18.
020. NAVAREA VIII warnings in force as on 05 Jan 18:-	2016 SERIES - 432 464 572 644 723 2017 SERIES - 016 119 305 345 366 394 414 455 485 486 493 511 514 529 543 576 635 685 697 703 710 713 723 762 793 814 827 829 836 866 869 872 876 906 909 910 912 918 929 932 935 937 938 939 940 943 944 946 947 2018 SERIES - 002 005 006 008 009 012 014 015 016 017 018 019 (A) NAVAREA VIII warnings less than 42 days promulgated via Safetynet. (B) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in
2.	Cancel this MSG 121000 UTC Jan 18.
021. Lakshadweep Sea – off Azhikal.	Charts 259 272 INT 71. Unmanned and submerged fishing boat reported adrift 11-54.7N 074-45.9E.
2.	Cancel this MSG 101000 UTC Jan 18.
022. India West Coast – Okha.	Charts 21 203 252 291 2013 2031 INT 71. DGPS (22-28N 069-04E) inoperative.
023. India West Coast – off Karwar.	Charts 21 215 257 293 INT 71 705. Firing by Naval Ships scheduled on 10 Jan 18 from 0730-1230 UTC in danger area bounded within 14-15N to 14-45N and 073-00E TO 073-30E.
2.	Cancel this MSG 101330 UTC Jan 18.
024. Bay of Bengal – off Kankasanturai.	Charts 32 358 INT 71. Naval firing practice scheduled on 12 Jan 18 from 0300-0630 UTC in danger circle extending 5 NM from 09-55N 080-33E.
2.	Cancel this MSG 120730 UTC Jan 18.
025. India West Coast – off Porbandar.	Charts 21 204 205 252 INT 71. Firing from Kathiawar Range scheduled daily till 12 Jan 18 from 0230-1030 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E.
2.	Cancel this MSG 121130 UTC Jan 18.
026. India West Coast – off Daman.	Charts 254 292 INT 71. INS Jamuna will progress hydrographic survey from 10 Jan 18 in area bounded within 20-07N to 20-40.5N and 072-12E to 072-57E
2.	Wide berth of 2 NM from Ship and Survey Boats requested.

026. Continued.
3. Cancel this MSG 101830 Feb 18.
027. India East Coast – off Gopalpur. Charts 31 353 INT 71. RV Samudra Kaustubh will progress survey from 10 Jan 18 in area bounded by 19-09.3N 084-49.4E, 19-14.3N 084-54E, 19-12.7N 084-55.8E, 19-07.9N 084-51.1E.
2. Cancel NAVAREA VIII MSG 929 and this MSG 151830 UTC Jan 18.
028. SW Indian Ocean – off Lamu. Charts 2518 INT 71. Dredging in progress in area bounded by 02-12.1S 040-57.9E, 02-12.2S 040-58E, 02-12.2S 040-57.9E, 02-12.7S 040-58.6E, 02-13.6S 041-00.1E, 02-12.6S 040-59.6E. Wide berth requested.
2. Cancel this MSG 301830 UTC Jun 18.
029. N Bay of Bengal – off Myanmar. Charts 324 371 INT 71 BA 818 4706. Rock Awash reported 17-08.5N 094-26.5E.
030. Andaman Sea – off Port Cornwallis. Charts 41 402 4003 INT 71. INS Investigator progressing hydrographic survey in area bounded within 13-15.1N to 13-17.7N and 093-05.2E to 093-06.3E.
2. Wide berth of 3 NM from Ship and Survey Boats requested.
3. Cancel this MSG 131830 Jan 18.
031. Cancel NAVAREA VIII MSG 464/16 572 119/17 485 511 514 543 and this MSG.
032. Andaman Sea – Campbell Bay. Charts 4039 INT 71. Koltapalm LT (07-01N 093-56E) unlit.
033. India West Coast. Charts 251 254 255 292 INT 71. Rig List:-
ABAN ICE 19-39.99N 071-35.74E
ABAN III 18-16.38N 072-22.82E
ABAN IV 18-43.45N 072-20.32E
ACTINIA 9-19.57N 071-01.61E
CE THORNTON 18-29.86N 072-15.00E
DEEP DRILLER 4 21-03.93N 072-31.62E
DEEP SEA FORTUNE 19-14.25N 072-06.45E NEW
DEEP SEA FOSSIL 19-18.12N 071-30.38E
DYNAMIC VISION 19-11.05N 072-11.21E
FG MCCLINTOCK 18-55.85N 072-18.37E
GALVESTON KEY 20-37.78N 072-04.07E
GREAT DRILL CHAAYA 19-15.20N 072-02.16E
GREAT DRILL CHARU 19-38.24N 071-00.92E
GREAT DRILL CHETNA 19-12.91N 071-01.06E NEW
GREAT DRILL CHITRA 19-42.70N 072-04.25E
JINDAL STAR 19-08.71N 072-07.02E
JINDAL SUPREME 20-16.12N 071-55.14E
NOBLE ED HOLT 20-11.53N 071-52.25E
PARAGON L786 18-34.48N 072-16.77E
PARAGON M 1161 19-31.16N 071-19.85E
PARAMESWARA 20-42.28N 072-12.81E NEW
SAGAR GAURAV 22-49.18N 068-29.11E
SAGAR JYOTI 19-21.09N 071-14.64E
SAGAR KIRAN 18-36.17N 072-01.65E
SAGAR SHAKTI 19-15.49N 072-08.23E
SAGAR UDAY 19-08.42N 070-53.87E
TRIDENT II 19-17.81N 070-56.18E
VALIANT DRILLER 19-39.80N 071-17.59E
VIRTUE-I 20-05.60N 071-48.57E
VIVEKANANDA1 19-15.64N 072-06.59E
VIVEKANANDA2 19-29.98N 071-16.28E
2. Wide Berth Requested.
3. Cancel NAVAREA VIII MSG 014.
034. N Indian Ocean - off Chagos. Chart INT 71. Capsized vessel reported adrift 05-37S 071-49E AT 091440 UTC Jan 18.
2. Cancel this MSG 121440 UTC Jan 18.
035. India West Coast - Gulf of Kachchh. Charts 21 202 203 252 INT 71. MV Fugro Mapper will progress route survey along 22-37.3N 068-27.1E, 22-42.5N 069-35.7E, 22-22.9N 068-28.4E from 11 Jan 18. Wide berth requested.
2. Cancel this MSG 201830 UTC Jan 18.
036. Cancel NAVAREA VIII MSG 016/17 and this MSG. INTM 084/17 refers.
037. Cancel NAVAREA VIII MSG 012 and this MSG.
038. Indian Ocean. Charts INT 70 71. Yacht Marclotin sailing from Seychelles reported overdue at Phuket 06 Jan 18. Sighting to be reported to MRCC Mauritius.
2. Cancel this MSG 151000 UTC Jan 18.
039. India West Coast – off Mumbai. Charts 21 210 211 255 INT 71. MV Ganga Dolphin progressing survey in area bounded by 19-42.1N 071-04.3E, 19-41.3N 072-09.7E, 18-55.2N 072-20.4E, 19-02.9N 071-03.8E. Wide berth requested.
2. Cancel this MSG 231830 UTC Jan 18.

<p>040. Bay of Bengal – Suryalanka. Charts 31 32 355 391 3026 INT 71. Firing by IAF scheduled daily from 16-20, 23-27, 30-31 Jan and 01-03 Feb 18 from 0130 - 1630 UTC</p> <p>2. Danger Sector extending upto 54 NM within bearing 100 and 210 from 15-50.5N 080-29.5E.</p> <p>3. Cancel this MSG on 031730 UTC Feb 18.</p>
<p>041. Central Bay of Bengal. Charts 31 INT 71. Firing by Naval Ships scheduled daily from 13 - 22 Jan 18 from 0100 – 0900 and 1300 - 2100 UTC in danger area bounded by 16-20N 088-40E, 15-30N 087-30E, 17-00N 087-00E, 17-30N 088-30E.</p> <p>2. Cancel this MSG 222200 UTC Jan 18.</p>
<p>042. India West Coast – off Trivandrum. Charts 22 222 INT 71. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 17 Jan 18 from 0530-0730 UTC.</p> <p>2. Danger Sector</p> <p>(A) Radius of 05 NM from Thumba between azimuth 190 and 300.</p> <p>(B) Radii of 45 and 75 NM from Thumba between azimuth 220 and 260.</p> <p>3. Cancel this MSG 170830 UTC Jan 18.</p>
<p>043. India East Coast – off Kakinada. Charts 31 32 INT 71. Firing by Naval Ships scheduled on 17 Jan 18 from 0300 – 1000 UTC in danger area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-08N 084-24E, 15-34N 084-46E.</p> <p>2. Cancel this MSG 171100 UTC Jan 18.</p>
<p>044. India East Coast – Vishakhapatnam. Charts 31 308 3002 INT 71. Firing by Naval Coast Battery scheduled on 17 Jan 18 from 0001 - 0130 UTC in danger sector extending upto 17 NM between bearing 070 and 130 from 17-42N 083-18E.</p> <p>2. Cancel this MSG 170230 UTC Jan 18.</p>
<p>045. Bay of Bengal and NE Indian Ocean. Charts 31 351 INT 70 71. Experimental Flight Trial scheduled from ITR on 18-19 Jan 18 from 0300-0700 UTC in danger zone bounded by (A) 20-48.36N 087-02.58E, 19-03.39N 086-26.30E, 06-21.99S 087-05.29E, 05-59.58S 091-37.53E, 19-11.29N 088-02.33E, 20-48.76N 087-07.40E (B) 15-24.40S 087-05.29E, 26-14.71S 087-05.29E, 25-35.04S 095-08.01E, 14-54.54S 093-08.25E.</p> <p>2. Cancel this MSG 190800 UTC Jan 18.</p>
<p>046. India East Coast – off Kakinada. Charts 31 391 INT 71. Firing by Naval Ships scheduled from 190001 – 201800 UTC Jan 18 in danger area bounded by 16-30N 083-38E, 16-30N 084-25E, 15-22N 085-08E, 14-46.2N 085-08E, 14-46.2N 082-52E, 15-22N 082-52E.</p> <p>2. Cancel this MSG 201900 UTC Jan 18.</p>
<p>047. India West Coast – Gulf of Kachchh. Charts 203 2080 INT 71. Navalakhi (22-58N 070-27E) Racon inoperative.</p> <p>2. Cancel NAVAREA VIII MSG 366/17.</p>
<p>048. Andaman Sea – off Myanmar. Charts 41 INT 71 BA 830 4706. MV Polar Empress will progress survey from 15 Jan 17 in area bounded by 13-19.7N 096-18.5E, 13-29.6N 096-17.8E, 13-29.7N 096-09.9E, 13-40.0N 096-08.9E, 13-46.0N 096-06.5E, 13-43.6N 095-44.3E, 13-38.8N 095-44.1E, 13-30.8N 095-31.7E, 13-21.2N 095-32.6E, 12-41.4N 095-44.3E, 12-38.9N 095-37.3E, 12-09.7N 095-44.3E, 12-09.3N 096-20.8E, 12-12.2N 096-27.1E, 12-22.6N 096-24.6E, 12-24.4N 096-30.6E, 12-49.9N 096-29.1E, 13-00.2N 096-24.4E. Wide berth of 2.5 NM requested.</p> <p>2. Cancel this MSG 311830 UTC May 18.</p>
<p>049. India East Coast – off Karaikal Port. Charts 3033 INT 71. Lesser depth reported by Oil Tanker Sampurna Swarajya 10-49.24N 079-52.74E. Mariners to exercise caution.</p>
<p>050. Cancel NAVAREA VIII MSG 455/17 032/18 and this MSG.</p>
<p>051. NAVAREA VIII warnings in force as on 12 Jan 18:-</p> <p>2016 SERIES - 432 644 723</p> <p>2017 SERIES - 305 345 394 414 486 493 529 576 635 685 697 703 710 713 723 762 793 814 827 829 836 866 869 872 876 906 909 912 918 932 935 937 939 940 943 944 946 947</p> <p>2018 SERIES - 002 017 019 022 026 027 028 029 030 033 035 038 039 040 041 042 043 044 045 046 047 048 049 050</p> <p>(A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet.</p> <p>(B) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in</p> <p>2. Cancel this MSG 191000 UTC Jan 18.</p>
<p>052. India West Coast – off Mumbai. Charts 21 211 255 INT 71. INS Makar progressing survey in area bounded within 19-22.97N TO 19-26.97N and 072-24.57E TO 72-28.57E.</p> <p>2. Wide berth of 03 NM requested.</p>
<p>053. South Central Bay of Bengal. Chart INT 71. SLFV Vihanga Putha2 reported adrift 09-06N 086-47E at 140115 UTC Jan 18.</p> <p>2. Cancel this MSG 170115 UTC Jan 18.</p>

6.1

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7119.51	- - - Rear. 46m from front	46 25.80 S 51 52.50 E	Q R	58	2	Red and white chequered beacon	*
D7283.45	Remove from list; deleted						
D7283.46	Remove from list; deleted						
D7283.503	- Oil Wharf	11 36.16 N 43 04.74 E	Lit	*	*	*	*
D7283.505	- Oil Wharf	11 36.19 N 43 04.84 E	Lit	..	..	..	Marked by lights
D7283.51	Remove from list; deleted						
D7388.61	QATAR ECONOMIC ZONE 3 - Inner Breakwater	25 03.91 N 51 35.52 E	FI(2)G 5s	*	*	*	*
D7388.62	QATAR ECONOMIC ZONE 3 - Inner Breakwater	25 03.86 N 51 35.66 E	FI(2)G 5s	*	*	*	*
D7388.63	QATAR ECONOMIC ZONE 3 - Inner Breakwater	25 03.77 N 51 36.21 E	FI R 5s	*	*	*	*
D7388.64	QATAR ECONOMIC ZONE 3 - Inner Breakwater	25 03.89 N 51 36.18 E	FI G 5s	*	*	*	*
D7388.65	QATAR ECONOMIC ZONE 3 - S Breakwater	25 03.77 N 51 37.31 E	FI(3)R 10s	*	*	*	*
D7388.66	QATAR ECONOMIC ZONE 3 - N Breakwater	25 03.93 N 51 37.56 E	FI(3)G 10s	*	*	*	*
D7750.5	- New Manora Breakwater. Head	24 46.74 N 66 58.96 E	FI W 7s	*	*	*	*
D7750.8	- Pakistan Deep Water Container Port	24 47.61 N 66 59.41 E	FI R 7s	..	..	Grey beacon	*
D7751.1	Remove from list; deleted						
D7751.2	- Pakistan Deep Water Container Port	24 47.61 N 66 59.81 E	FI G 7s	..	..	Grey beacon	*
D7751.4	- Pakistan Deep Water Container Port	24 47.72 N 67 00.06 E	Oc G 5s	13	..	Grey beacon	*
F0357	GULF OF KACHCHH. MANDVI HARBOUR - - Mandvi	22 49.75 N 69 20.88 E	FI(3)W 30s	63	16	Masonry tower, red and white bands 60	(fl 1, ec 5) x 2, fl 1, ec 17.
	- - -	..	Racon	..	..	..	ILRS Vol 2 Station 78800
F1202	Port Cornwallis. Ross Island	13 18.01 N 93 04.46 E	FI(2)W 20s	40	10	White Square masonry tower 7	fl 1, ec 2, fl 1, ec 16

7.2

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
F1224.9	- Koltapalm	07 00.94 N 93 56.02 E	FI(2)W 10s	42	10	White GI trestle tower 12	<i>fl 1, ec 1, fl 1, ec 7</i> *
F1269.7	-	02 16.20 N 97 48.17 E	FI W 3s	10	10	White beacon	*
*	*	*	*	*	*	*	*
F1574.4	Sungai Pulai	03 43.29 N 100 55.00 E	FI(2)G 5s	11	5	Green platform on white piles	*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 22 dated 16 Nov 2017)

NIL

INP 31(2), 2014

(Last correction: Edition No. 23 dated 01 Dec 2017)

NIL

INP 31(5), 2017

(Last correction: Edition No. 01 dated 01 Jan 2018)

**PAGE 110, Chapter 09, MARITIME SAFETY INFORMATION (MSI) UNDER GMDSS, NAVAREA II
(France)**

Delete entry and replace by:

NAVAREA II (France)

Department Information et Ouvrages Nautiques
 Service hydrographique et Oceanographique de la marine
 13 Rue du Chatellier, CS 92803
 29228 BREST CEDEX 2
 France

Tel: +33 (0)2 56312424 (H-24) (Duty Officer)

+33 (0)2 98221667 (H-24) (Duty Officer)

Fax: +33 (0)2 56 31 25 84

E-mail: coord.navarea2@shom.fr (H-24)

coord.navarea2@gmail.com (HX)

Web site: <http://www.shom.fr/navarea/navareallenvigueur.txt>

Warning Url: <http://diffusion.shom.fr/navarea-en-vigueur>

**PAGE 110, Chapter 09, MARITIME SAFETY INFORMATION (MSI) UNDER GMDSS, NAVAREA IV
(United States)**

Delete entry and replace by:

NAVAREA IV (United States)

Maritime Watch
 National Geospatial Intelligence Agency
 MAIL STOP N65-SH
 7500 GEOINT Drive
 Springfield, VA 22150-7500
 United States of America

Tel: +1 571 557 5455

+1 571 557 6746

Fax: +1 571 558 3261

E-mail: navsafety@nga.mil

Web site: <http://www.nga.mil/maritime>

Warning Url: <http://msi.nga.mil/NGAPortal/MSI.portal> (Select Broadcast Warnings)

PAGE 153, Chapter 10, DISTRESS, SEARCH AND RESCUE, BANGLADESH.

Delete entry and replace by:

BANGLADESH			
National SAR Agency: Director General, Department of Shipping Address: 141 -143, Motijheel C/A (8th floor), Dhaka1000, Bangladesh Tel: +880 2 9555128 & +880 2 9553584 Fax: +880 2 7168363			
The department of Shipping is responsible for coordinating Search and rescue operations. Coast Radio Stations maintain a continuous listening watch on international distress frequencies.			
	Telephone +880	Fax +880	Others/Ship Earth Stations (SES)
CAAB HQ	2 8911125	2 8913322	AFTN: VGHQYAYS
Dhaka ACC (Cospas-Sarsat SPOC)	2 8901462 2 8901463 2 8901464	2 8901924	AFTN: VGHSZQZX email: rcc_dhaka@caab.gov.bd
MRCC DHAKA (NHQ Ops Room Naval HQ)- Primary	2 9836314 (Direct) 2 9836141-149 ext 2116 (PABX) 2 9836141-149 ext 2118 (PABX)	2 8871254	Mobile: +0880 1769701111 (Duty Officer), +0880 1769702113 (Staff Officer) email: mrccdhk@navy.mil.bd Website: www.navy.mil.bd
MRCC DHAKA (COMCEN Naval HQ)- Secondary	2 8711439 (Direct) 2 9836141-149 ext 2521(PABX) 2 9836141-149 ext 2522 (PABX)	2 9836270 2 8712243	Mobile: +880 1769712520 (Staff Officer) email: cmcndhk@navy.mil.bd
MRSC CHITTAGONG (Naval area Ops Room) - Primary	31 741642 (Direct) 31 740391-9 ext 4108(PABX) 31 740391-9 ext 4109(PABX) 31 740400-9 ext 4108(PABX) 31 740400-9 ext 4109(PABX)	31 741162	Mobile: +880 1769721111 (Duty Officer) +880 1769724107 (Staff Officer) email: mrsctg@navy.mil.bd
MRSC CHITTAGONG (COMCEN) - Secondary	31 741642 (Direct) 31 740391-9 ext 4137 (PABX) 31 740400-9 ext 6137 (PABX) 31 740400-9 ext 4137 (PABX) 31 740400-9 ext 6137 (PABX)	31 741162	Mobile: +880 1769724131 (Staff Officer) email: cmcnctg@navy.mil.bd

8.3

MRSC KHULNA (COMKHUL) - Primary	41 762222 (Direct) 41 761420-9 ext 20 (PABX) 41 761420-9 ext 4119 (PABX) 41 760200-2 ext 20 (PABX) 41 760200-2 ext 4119 (PABX)	41 762555	Mobile: +880 1769781111 (Duty Officer) +880 1 769784106 (Staff Officer) email: mrsckin@navy.mil.bd
MRSC KHULNA (COMCEN) - Secondary	41 2850169 (Direct) 41 761420-9 ext 4173 (PABX) 41 761420-9 ext 4118 (PABX) 41 761420-9 ext 4170 (PABX) 41 760200-2 ext 4173 (PABX) 41 760200-2 ext 4118 (PABX) 41 760200-2 ext 4170 (PABX)	41 762555	Mobile: +880 1 769784170 (Staff Officer) email: cmcnkin@navy.mil.bd

(Source: BA 49/17)

(02 /18)

INP 31(6), 2012*(Last correction: Edition No. 14 dated 16 Jul 2017)***NIL**

SECTION – X

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.gov.in, msis-inho@navy.gov.in
Fax No.: +91-135- 2748373
WEB: www.hydrobharat.gov.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 102A 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.

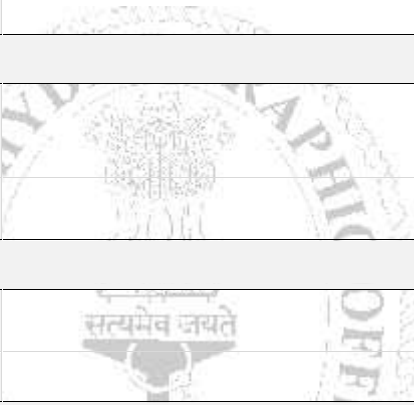
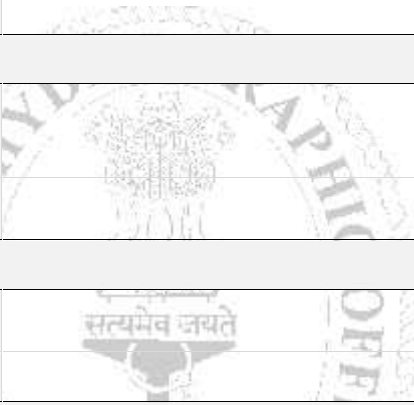
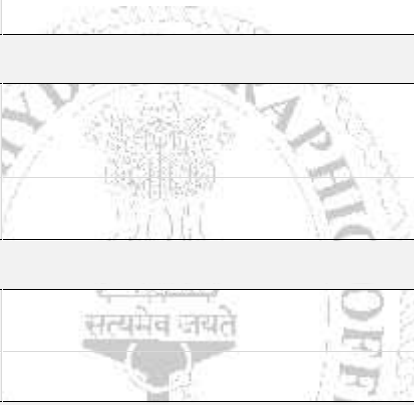
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further, 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