

INDIAN NOTICES TO MARINERS



EDITION NO. 09 DATED 01 MAY 2024

(CONTAINS NOTICES 069 TO 071)

REACH US 24 x 7



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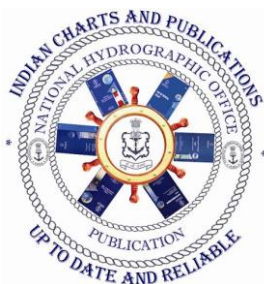
www.hydrobharat.gov.in

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(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. 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 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 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>
2083 (INT 7339)	15-03-2024	APPROACHES TO SIKKA 22° 23'.00N; 69° 44'.00E. 22° 43'.00N; 69° 58'.80E.	37,500	2	Rs. 2000.00
2127	31-03-2024	UDANGUDI PORT (MINOR) 08° 21'.00N; 78° 03'.10E. 08° 27'.50N; 78° 12'.20E.	25,000	4	Rs. 2000.00

2. The new edition 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>
262 (INT 7365)	15-03-2024	KANYAKUMARI TO PAMBAN 07° 44'.01N; 77° 14'.35E. 09° 30'.00N; 80° 00'.00E.	3,00,000	5	Rs. 2000.00
291	31-03-2024	GWADAR TO DWARKA 21° 34'.00N; 62° 11'.00E. 25° 40'.00N; 69° 05'.00E.	7,50,000	2	Rs. 2000.00

3. The Indian Charts that are 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>
2083	15-09-2018	APPROACHES TO SIKKA	2083	15-03-2024
262 (INT 7365)	15-11-2014	CAPE COMORIN (KANYAKUMARI) TO PAMBAN	262	15-03-2024
291	31-07-2019	GWADAR TO DWARKA	291	31-03-2024

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>
IN2262AB	262	KANYAKUMARI TO PAMBAN	26-04-2024
IN2291AA	291	GWADAR TO DWARKA	29-04-2024
IN52083A	2083	APPROACHES TO SIKKA	29-04-2024
IN52127A	2127	UDANGUDI PORT (MINOR)	29-04-2024

5. The new edition Indian Electronic Navigational Charts 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>
IN52552W	2552	WESTERN APPROACHES TO MAHE ISLAND	29-04-2024

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 The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

VI

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN2262AA	262	KANYAKUMARI TO PAMBAN	08-02-2019
IN2291GW	291	GWADAR TO DWARKA	12-02-2020
IN52083S	2083	APPROACHES TO SIKKA	09-02-2022
IN52552W	2552	APPROACHES TO MAHE ISLAND	12-04-2024

7. The forthcoming Indian Charts is as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
404 (INT 7439)	ELPHINSTONE HARBOUR TO PORT BLAIR	1,50,000	NEW EDITION

Availability of ENCs

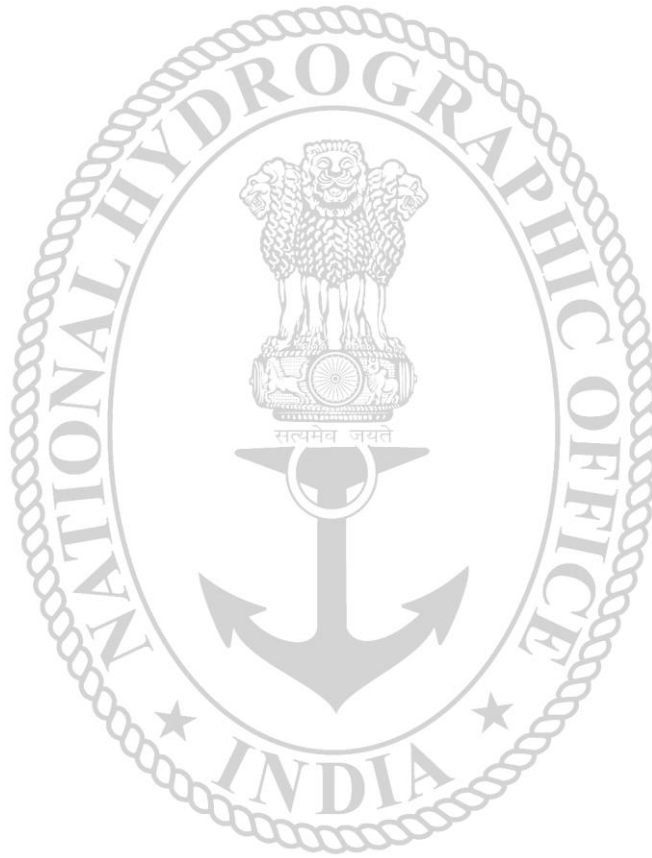
The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENCs through the worldwide network of their agents and distributors. Updates are also made available as per the existing policy 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	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
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	

SECTION – I

The list of charts affected by the Notices 069 to 071 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
32 (INT 754)	5	070
223	4	071
224	5	071
262 (INT 7365)	5	070
263 (INT 7383)	5	070
2012	4	069



SECTION – II**PERMANENT NOTICES*****069 (09/24) INDIAN WEST COAST – Vizihinjam Anchorage – Buoy.**

Source: Adani Vizihinjam Port Pvt Ltd.

Chart 2012 [previous update 051/24]

Insert		08° 21'·82N., 077° 00'·00E..
		08° 21'·60N., 076° 59'·78E.
		08° 21'·77N., 076° 59'·52E.
		08° 21'·96N., 076° 59'·40E.
		08° 19'·33N., 077° 01'·83E.

***070 (09/24) INDIA and SRILANKA – Kanyakumari to Colombo – Wreck.**

Source: BA Notice No.4054/23.

Chart 32 (INT 754) [previous update 168/23]

Insert  07° 46'·60N., 079° 44'·20E.

Chart 262 (INT 7365) [previous update NE 15 MAR 24]

Insert  07° 46'·60N., 079° 44'·20E.

Chart 263 (INT 7383) [previous update 168/23]

Insert  07° 46'·60N., 079° 44'·20E.

Chart No.	Previous Updates	Details
*071 (09/24) Miscellaneous updates to charts.		
Source: NHO, Dehradun.		
223	045/24	Insert Chart No. 2127 and Magenta limit as follows: 08° 21'·00N., 078° 03'·10E. 08° 25'·00N., 078° 03'·10E. 08° 25'·00N., 078° 12'·20E. 08° 21'·00N., 078° 12'·20E. 08° 21'·00N., 078° 03'·10E.
224	154/23	Insert Chart No. 2127 and Magenta limit as follows: 08° 21'·00N., 078° 03'·10E. 08° 27'·50N., 078° 03'·10E. 08° 27'·50N., 078° 12'·20E. 08° 21'·00N., 078° 12'·20E. 08° 21'·00N., 078° 03'·10E.

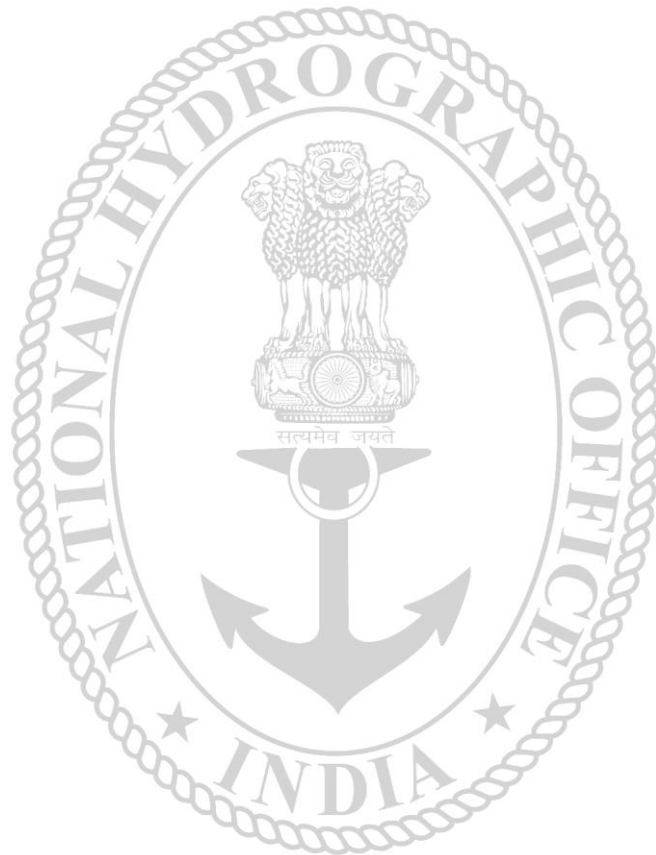


Section – III

TEMPORARY AND PRELIMINARY NOTICES

1. It is brought to the information to the users that same or all information contained in this Temporary Notices to mariner may have been included in the relevant ENC's.
2. New TPNMs are now part of ENC updates from 01 Oct 22 onwards.
3. All in force Temporary and Preliminary Notices are available for visualisation along with details of affected Charts and ENCs for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.

NIL



SECTION – IV

MARINE INFORMATION

1. NAVTEX TRANSMISSION

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

Mauritius (Cassis)	- Operational
Seychelles (Mahe)	- Operational
Myanmar (Yangon, Myeik, Kyau Phyu)	- Operational

Following new NAVTEX stations along the Indian coast have commenced operations:-

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
Sl.	Station Name	BI	Broad Cast Timings in UTC					
			0110	0510	0910	1310	1710	2110
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengurla 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 crews 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: - mrcc-west@indiancoastguard.nic.in. 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 are published in the fortnightly Indian Notices to Mariners.

- (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) **Traffic Separation Schemes (TSS):** The TSS is mandatory for all Indian and foreign flag ships and vessels entering and leaving.

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, Iridium and other such Satellite Communication in Indian Waters-Reg.**

- (a) The Directorate General of Shipping through DGS Order No. 02 of 2012 dated 17.05.2012 had banned the usage of Thuraya, Iridium and other such satellite in the Indian Waters.
- (b) Thuraya Satellite Equipment is not an integral part of Maritime Radio communication system under Global Maritime Distress and Safety Systems (GMDSS) and its usage is continued to be banned in Indian Waters.
- (c) Whereas, Regulation 4.1- GMDSS Satellite Providers, which emphasizes that, the Maritime Safety Committee shall determine the criteria, procedures and arrangements for the evaluation, recognition, review and oversight of the provision of recognized mobile satellite services in the GMDSS pursuant to the provisions of SOLAS Chapter-IV.
- (d) Whereas, Maritime Safety Committee vide Resolution MSC 451(99) dated 24 May 2018 had recognized Iridium Satellite LLC to provide Safety Voice, Short-Burst data and enhanced group calling services for use in the Global Maritime Distress and Safety System (GMDSS). The Iridium Satellite service is fully operational since December 2020 and being part of SOLAS Chapter - IV as one of the recognized mobile satellite service.
- (e) Under GMDSS, the usage of Iridium Mobile Satellite communication equipment in the Indian Waters are considered subject to the conditions as outlined under;
- (i) Merchant ships may install and keep the Iridium equipment active in Indian Territorial waters, provided the equipment is registered and certified as per the prevailing rules of the Flag of the ship and is used only onboard ship and the portable Iridium sets may not be carried onto Indian Land Territory.
- (ii) Iridium Satellite equipment shall be used in GMDSS exclusively for Maritime Radio communications relating to Distress and Safety, Search and Rescue and for receiving Maritime Safety Information (MSI) from ship's fixed installations only.
- (iii) The ships transiting or visiting in Indian waters shall continue to declare IMEI number of the equipment in the Pre-Arrival Notification on Security (PANS).

- (f) The ship-owners, ship-masters and ship-agents shall mandatorily require to declare details of such satellite phones prior arrival into Indian Waters through the Pre-Arrival Notification on Security (PANS) systems.
- (g) The unauthorized usage of Thuraya, Iridium and other such Satellite equipment shall be prosecuted under Section-6 of Indian Wireless Act and Section-20 of Indian Telegraph Act.
- (h) The ship-Owners, Ship-Masters, Ship-Operators, Ship-Agents and other stake holders are intimated for strict compliance of this DGS Order.
- (j) This Directorate General of Shipping order No. 09 of 2023 supersedes previous DGS order No. 02 of 2012 dated 17.05.2012 and is entry into force with immediate effect.

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.

8. **ADVISORY FOR ALL VESSELS NAVIGATING INDIAN WATERS**

- (a) All vessels navigating in Indian waters are cautioned to keep a sharp look-out for fishing vessels and small crafts, as there have been several incidents of collisions with such vessels in the past resulting in loss of innocent lives as well as damage to property.
- (b) It is further cautioned that all vessels need to exercise extreme care while navigating during hours of darkness as such vessels are generally of primitive built (wood/fibre/etc) due to which it may not be detected on ship's radar, especially during adverse weather conditions. Also, such vessels may not be properly lit, or sometimes, only one vessel may be lit among multiple vessels in a cluster.
- (c) The general areas of concern on the west coast of India are the areas of convergence and divergence of traffic, mainly between Mangalore to Kanyakumari (Cape Comorin). Further, in these areas, additional caution needs to be exercised and wide berth be given to all such vessels.
- (d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.

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 Instruments PO Bag No – 645, 45/271, Shanghar Building, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682003 Tel: +91 4842667157 Mob: +91 9447068469 Email: atmain@gmail.com Web: WWW.atmain.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl 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>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 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 Global Marine Infratech Pvt. Ltd. SikshaSandan, 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@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, 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>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, PerinNariman 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 Lift o Marine Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</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 Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’sPlam 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>M/s CNC Office No. S-12-92, Haware’s Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: sales@emariner.net</p>

SECTION – V**NAVAREA – VIII WARNINGS IN FORCE.**

1. All in force NAVAREA and NAVTEX messages are available for visualisation along with details of affected Charts and ENC's for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.
2. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2020.
3. NAVAREA VIII Warnings in force as on 01 May 24: -

2022 SERIES - 134 162 237 461 519
2023 SERIES - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 1046 1057
2024 SERIES - 142 159 160 175 180 188 189 194 215 253 254 262 281 288 291 296 297 317 321 325 343 371 372 375 376 382 383 393 396 397 398 407 413 415 419 420 422 423 426 429 430 431 433 434 435 436 437 438 439 440 441 442

4. NAVAREA VIII Warnings issued during the period from 16 Apr 24 to 30 Apr 24 (both dates inclusive) are as tabulated below: –

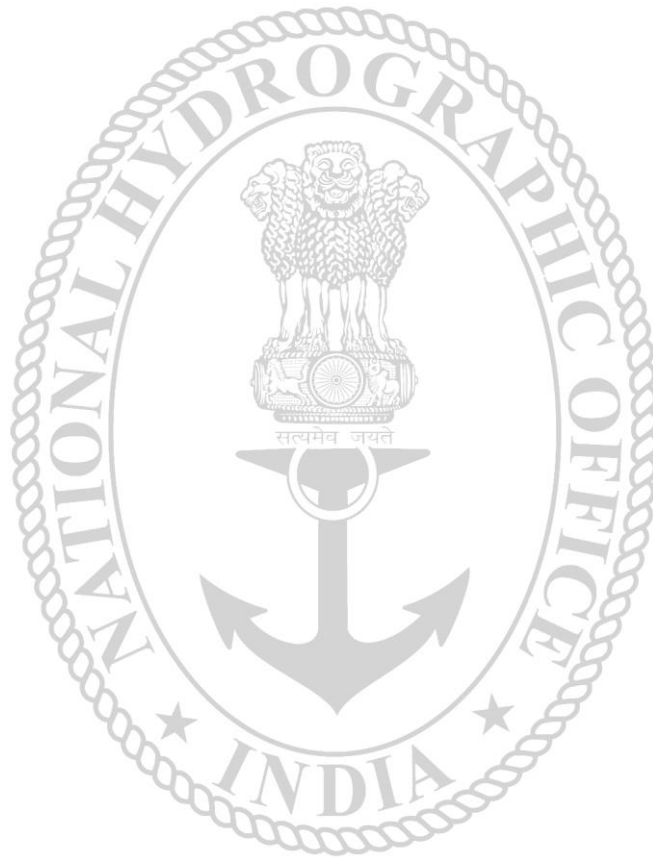
387. Southern Indian Ocean. Charts IN 7070 7073 INT 73. Space debris predicted from 17 to 26 Apr 24 between 2203 UTC and 0529 UTC in area bounded by 08-53S 092-28E, 07-46S 089-27E, 30-12S 061-09E, 40-45S 002-21W, 42-56S 002-24W, 32-16S 063-10E. Wide berth from area advised. 2. Cancel this MSG 260629 UTC Apr 24.
388. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 190330 to 190830 UTC Apr 24 in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised. 2. Cancel this MSG 190930 UTC Apr 24.
389. Lakshadweep Sea - off Androth I. Charts IN 268 294 2007 INT 7353. Firing scheduled from 190230 to 191030 UTC Apr 24 in danger area bounded within 10-48.40N to 10-49.40N and 073-38E to 073-39.60E. Wide berth from area advised. 2. Cancel this MSG 191130 UTC Apr 24.
390. India West Coast - off Alappuzha. Charts IN 22 7706 INT 752. Firing scheduled 19 and 20 Apr 24 from 0430 to 1130 UTC in danger area bounded by 09-10N 075-10E, 09-15N 075-10E, 09-20N 075-15E, 09-20N 075-20E, 09-15N 075-15E. Wide berth from area advised. 2. Cancel this MSG 201230 UTC Apr 24.
391. Andaman Sea - off Port Blair. Charts IN 41 404 473 INT 7031. Firing scheduled from 181015 to 181200 UTC Apr 24 in danger area bounded by 11-39.7N 092-46.3E, 11-40.6N 092-47E, 11-38.7N 092-53.1E, 11-32.9N 092-48.3E. Wide berth from area advised. 2. Cancel this MSG 181300 UTC Apr 24.
392. Cancel NAVAREA VIII MSG 370/24 and this MSG.
393. Arabian Sea. Charts IN 22 7706 INT 752. CS Maram will carry out cable laying operations from 18 Apr to 18 May 24 in vicinity of 18-59.36N 072-37.54E, 18-36.03N 072-08.98E, 17-51.74N 072-05.95E, 17-46.67N 072-05.20E, 17-41.48N 072-04.19E, 17-24.59N 071-59.30E, 17-07.84N 071-53.71E, 16-31.91N 071-42.80E, 16-17.69N 071-40.76E, 15-37.82N 071-36.57E, 14-59.96N 071-56.86E, 14-21.58N 072-16.30E, 13-44.77N 072-38.23E, 13-22.87N 072-55.45E, 12-44.01N 073-13.81E, 12-05.68N 073-32.88E, 11-26.70N 073-50.74E, 10-49.61N 074-02.94E, 10-09.47N 074-11.65E, 09-35.29N 074-16.41E, 08-55.86N 074-32.19E, 08-15.64N 074-47.13E, 07-35.11N 075-01.01E, 06-52.46N 075-02.89E, 06-15.99N 075-19.18E. Wide berth requested. 2. Cancel this MSG 181830 UTC May 24.
394. India West Coast - Gulf of Khambhat. Charts IN 21 208 2044 254 INT 7331. Sultanpur buoy (21-16.20N 072-

<p>394. Continued. 11.65E) Reported semi submerged and unlit.</p>
<p>395. Cancel NAVAREA VIII MSG 360/24 and this MSG.</p>
<p>396. India West Coast - off Hazira. Charts IN 21 208 209 254 INT 7331. Focus rainbow progressing survey in area bounded by 21-11.54N 072-32.65E, 21-03.49N 072-32.65E, 21-03.49N 072-28.19E, 21-05.08N 072-28.19E, 21-05.08N 072-18.01E, 21-02.78N 072-18.01E, 21-02.78N 072-13.66E, 21-11.54N 072-13.66E. Wide berth of 02 Nm requested. 2. Cancel this MSG 311830 UTC May 24.</p>
<p>397. India West Coast - off Malvan. Charts IN 22 256 293 INT 7340. K10030 and Koole 31 progressing bunker/lubricants removal from sunken vessel MT Parth in area bounded by 16-25.73N 072-54.62E, 16-25.57N 072-54.97E, 16-25.19N 072-54.79E, 16-25.35N 072-54.43E. Wide berth requested. 2. Cancel this MSG 301830 UTC Jun 24.</p>
<p>398. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Admarine 9 (19-17.60N 071-16.87E), Discovery1 (20-21.56N 072-01.43E), Sagar Gaurav (20-20.14N 072-05.31E), Key Singapore (18-18.63N 072-21.82E), Aban VIII (18-38.20N 071-00.93E). INTM 07/24, 060(T) refers. Wide berth requested.</p>
<p>399. Cancel NAVAREA VIII MSG 282/24, 366/24, 377/24 and this MSG.</p>
<p>400. India West Coast - off Mormugao. Charts IN 22 293 7705 INT 752. Firing scheduled from 220230 to 251530 UTC Apr 24 in danger areas bounded by (a) 15-36N 071-50E, 14-39N 073-40E, 14-00N 074-00E, 13-37N 073-00E, 14-31N 071-24E (b) 17-23N 070-35E, 16-58N 071-25E, 16-24N 072-09E, 14-31N 071-24E, 16-15N 068-37E. Wide berth from area advised. 2. Cancel this MSG 251630 UTC Apr 24.</p>
<p>401. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 220430 to 221030 UTC Apr 24 in danger area bounded within 20-37N to 20-52N and 088-30E to 089-00E. Wide berth from area advised. 2. Cancel this MSG 221130 UTC Apr 24.</p>
<p>402. Bay of Bengal - off Balasore. Charts IN 31 7706 INT 706. Experimental flight trials scheduled 23 and 24 Apr 24 from 1230 to 1530 UTC in danger area bounded by 20-50.38N 087-00.78E, 18-14.71N 085-34.55E, 11-50.5N 086-17.98E, 12-05.98N 089-26E, 18-31.80N 089-02.16E, 20-51.05N 087-08.81E. Wide berth from area advised. 2. Cancel this MSG 241630 UTC Apr 24.</p>
<p>403. India West Coast - Gulf of Khambhat. Charts IN 207 254 292 INT 7331. Narmada channel marking buoy no 4 (20-45.48N 072-03.01E) and buoy no 5 (20-47.95N 072-07.4E) retrieved for maintenance. 2. Cancel NAVAREA VIII MSG 036/24.</p>
<p>404. NAVAREA VIII - Warnings in force as on 19 Apr 2024 2022 Series - 134 162 237 461 519 2023 Series - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 1046 1057 2024 Series - 066 120 123 132 142 159 160 175 180 181 188 189 194 215 253 254 259 262 281 288 291 296 297 298 317 321 325 328 329 333 343 348 359 367 371 372 374 375 376 382 383 384 385 386 387 390 393 394 396 397 398 400 401 402 403 (A) NAVAREA VIII Warnings less than 42 days promulgated via safety net. (B) Text of NAVAREA VIII Warning in force including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel THIS MSG 261830 UTC Apr 24.</p>
<p>405. India East Coast - Sriharikota. Charts IN 32 313 356 INT 7400. Integrated air drop tests scheduled 22 to 24 Apr 24 from 0100 to 0500 UTC in danger area bounded by 13-38N 080-11.08E, 13-42N 080-11.08E, 13-42N 080-14.5E, 13-46N 080-15.5E, 13-46N 080-25E, 13-30N 080-25E, 13-30N 080-17E. Wide berth from area advised. 2. Cancel this MSG 240600 UTC Apr 24.</p>
<p>406. India West Coast. Charts IN 258 2359 INT 7350. Suratkal point LT (13-00.29N 074-47.38E) unlit.</p>
<p>407. India West Coast - Gulf of Khambhat. Charts IN 21 208 254 2044 INT 7331. Sultanpur buoy (21-16.20N 072-11.65E) retrieved for maintenance. 2. Cancel NAVAREA VIII MSG 394/24.</p>
<p>408. Cancel NAVAREA VIII MSG 405/24 and this MSG.</p>
<p>409. India East Coast - Visakhapatnam. Charts IN 31 354 391 3002 INT 7408. Firing scheduled from 240400 to 240500 UTC Apr 24 in danger area bounded by (a) 17-42N 083-18E (b) 17-48N 083-35E (c) 17-31N 083-32E and arc of 17</p>

<p>409. Continued. Nm radius joining point B and C. Wide berth from area advised. 2. Cancel this MSG 240600 UTC Apr 24.</p>
<p>410. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 240830 to 241030 UTC Apr 24 in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 241130 UTC Apr 24.</p>
<p>411. India West Coast - off Ponnani. Charts IN 22 259 7706 INT 7356. Firing by CG aircraft scheduled 25 to 27 Apr 24 from 0430 to 1030 UTC in danger area bounded within 10-20N to 10-50N and 075-00E TO 075-35E. Wide berth from area advised. 2. Cancel this MSG 271130 UTC Apr 24.</p>
<p>412. India West Coast - Hazira. Charts IN 21 292 2101 INT 7347. DGPS (21-05.49N 072-38.60E) transmission will be switched off from 230330 to 241230 UTC Apr 24 for maintenance. 2. Cancel this MSG 241230 UTC Apr 24.</p>
<p>413. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Foresight driller IX (18-33.72N 072-17.66E), Jindal Supreme (20-43.29N 071-43.77E) demobilised. INTM 07/24, 060(T) refers.</p>
<p>414. Cancel NAVAREA VIII MSG 123/24, 348/24 and this MSG.</p>
<p>415. India West Coast. Charts IN 21 255 292 INT 752. Rig move. ABAN IV (18-36.15N 071-01.63E). INTM 07/24, 060(T) refers. Wide berth requested.</p>
<p>416. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 260330 to 260830 UTC Apr 24 in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised. 2. Cancel this MSG 260930 UTC Apr 24.</p>
<p>417. India East Coast - off Visakhapatnam. Charts IN 31 354 7706 INT 7408. Experimental flight trials scheduled 26 to 28 Apr 24 from 0330 to 0930 UTC in danger area bounded by 18-03.65N 083-44.35E, 17-42.08N 084-53.26E, 16-35.91N 083-59.81E, 16-51.80N 083-21.48E. Wide berth from area advised. 2. Cancel this MSG 281030 UTC Apr 24.</p>
<p>418. Cancel NAVAREA VIII MSG 406/24 and this MSG.</p>
<p>419. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. SEAMEC glorious progressing offshore installation works in vicinity of 20-36N 072-02.2E, 19-20N 072-01.12E. Wide berth requested. 2. Cancel NAVAREA VIII MSG 066/24 and this MSG 151830 UTC May 24.</p>
<p>420. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Samudra Sarvekshak progressing survey in vicinity of 19-24.66N 071-14.81E, 21-03.51N 072-24.44E, 18-38.84N 070-59.50E, 18-40.37N 070-57.90E, 18-36.93N 071-01.48E, 20-56.25N 072-34.27E, 19-23.74N 071-33.84E, 19-35.27N 071-19.53E, 18-41.46N 072-19.33E, 18-41.51N 072-19.32E, 18-41.49N 072-19.32E, 18-41.49N 072-19.30E, 18-41.51N 072-19.30E, 19-15.63N 071-31.56E, 19-28.48N 071-14.83E. Wide berth requested. 2. Cancel this MSG 231830 UTC May 24.</p>
<p>421. Cancel NAVAREA VIII MSG 403/24, 387/24 and this MSG.</p>
<p>422. Southern Indian Ocean. Charts IN 7070 7073 INT 73. Space debris predicted from 27 Apr to 31 May 24 between 0001 UTC and 2359 UTC in area bounded by 08-53S 092-28E, 07-46S 089-27E, 30-12S 061-09E, 40-45S 002-21W, 42-56S 002-24W, 32-16S 063-10E. Wide berth from area advised. 2. Cancel this MSG 010059 UTC Jun 24.</p>
<p>423. India West Coast - off Hazira. Charts IN 21 254 255 292 INT 7334. LTB 300, AHT Britoil 72 and AHT Britoil 81 will carry out pipeline installation from 26 Apr to 15 May 24 along 21-02.99N 072-22.99E, 21-03.69N 072-25.30E, 19-24.44N 071-21.74E. Wide berth requested. 2. Cancel this MSG 151830 UTC May 24.</p>
<p>424. India West Coast - off Kollam. Charts IN 22 7071 7706 INT 752. Firing scheduled 26 and 27 Apr 24 from 0430 to 1130 UTC in danger area bounded within 08-30N to 08-45N and 075-15E to 075-30E. Wide berth from area advised. 2. Cancel this MSG 271230 UTC Apr 24.</p>
<p>425. India West Coast - off Dabhol. Charts IN 22 293 7705 INT 7022. Endeavour will carry out cable laying operations from 26 to 30 Apr 24 in vicinity of 17-25.03N 070-15.89E, 17-24.32N 070-16.75E, 17-23.68N 070-17.52E, 17-23.59N 070-17.63E, 17-21.71N 070-20.78E, 17-19.69N 070-20.54E, 17-46.28N 070-29.84E, 17-46.53N 070-29.45E, 17-45.21N 070-30.50E, 17-42.92N 070-28.56E, 17-41.56N 070-27.40E, 17-41.36N 070-27.23E, 17-40.03N 070-26.10E, 17-36.91N 070-</p>

<p>425. Continued. 25.15E, 17-37.04N 070-23.56E, 17-35.24N 070-22.03E, 17-27.08N 070-15.12E, 17-26.21N 070-15.44E, 17-25.09N 070-15.87E, 17-25.03N 070-15.89E. Wide berth requested. 2. Cancel this MSG 301830 UTC Apr 24.</p>
<p>426. India East Coast - Sriharikota. Charts IN 32 313 356 INT 7400. Integrated air drop tests scheduled 29 Apr to 02 May 24 from 0100 to 0500 UTC in danger area bounded by 13-38N 080-11.08E, 13-42N 080-11.08E, 13-42N 080-14.5E, 13-46N 080-15.5E, 13-46N 080-25E, 13-30N 080-25E, 13-30N 080-17E. Wide berth from area advised. 2. Cancel this MSG 020600 UTC May 24.</p>
<p>427. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 290430 to 291030 UTC Apr 24 in danger area bounded within 20-37N to 20-52N and 088-30E to 089-00E. Wide berth from area advised. 2. Cancel this MSG 291130 UTC Apr 24.</p>
<p>428. India East Coast - Chennai. Charts IN 33 313 356 3001 INT 7400. Firing scheduled from 300830 to 300930 UTC Apr 24 in danger sector extending upto 11 Nm between bearing 045 and 075 from 13-07.02N 080-18.01E. Wide berth from area advised. 2. Cancel this MSG 301030 UTC Apr 24.</p>
<p>429. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. GS Rashi progressing pipeline survey in vicinity of 18-34.98N 072-14.41E, 18-29.41N 072-14.73E, 18-45.69N 072-19.19E, 19-14.75N 072-06.45E, 19-05.34N 072-06.88E, 19-34.29N 071-21.72E, 19-25.90N 071-13.03E, 19-14.49N 071-26.15E. Wide berth requested. 2. Cancel this MSG 181830 UTC May 24.</p>
<p>430. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Divine driller (20-20.04N 072-07.55E).</p>
<p>431. NAVAREA VIII - Warnings in force as on 26 Apr 2024 2022 Series - 134 162 237 461 519 2023 Series - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 1046 1057 2024 Series - 120 132 142 159 160 175 180 181 188 189 194 215 253 254 262 281 288 291 296 297 298 317 321 325 328 333 343 371 372 375 376 382 383 384 385 393 396 397 398 407 411 413 415 417 419 420 422 423 424 425 426 427 428 429 430 (A) NAVAREA VIII Warnings less than 42 days promulgated via safetyonet. (B) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel THIS MSG 031000 UTC May 24.</p>
<p>432. India West Coast - off Ponnani. Charts IN 22 259 7071 INT 752. Subsurface firing scheduled from 300930 to 301100 UTC Apr 24 in danger area bounded by 10-11N 075-12E, 10-38N 075-08E, 10-38N 075-22E, 10-11N 075-26E. Wide berth from area advised. 2. Cancel this MSG 301200 UTC Apr 24.</p>
<p>433. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 010830 to 011030 UTC May 24 in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 011130 UTC May 24.</p>
<p>434. India West Coast - off Mormugao. Charts IN 22 214 293 INT 7703. Subsurface firing scheduled from 021330 to 021730 UTC May 24 in danger area bounded by 15-10N 072-48E, 15-20N 072-44E, 15-20N 072-54E, 15-10N 072-58E. Wide berth from area advised. 2. Cancel this MSG 021830 UTC May 24.</p>
<p>435. Bay of Bengal - off Balasore. Charts IN 31 33 7706 INT 706. Experimental flight trials scheduled 01 to 03 May 24 from 0300 to 0700 UTC in danger area bounded by 20-50.38N 087-00.78E, 18-14.71N 085-34.55E, 11-50.50N 086-17.98E, 12-05.98N 089-26E, 18-31.80N 089-02.16E, 20-51.05N 087-08.81E. Wide berth from area advised. 2. Cancel this MSG 030800 UTC May 24.</p>
<p>436. Bay of Bengal - off Bangladesh. Charts IN 31 BA 90 817 INT 756. Firing by Bangladesh Navy scheduled 01 to 02 May 24, 05 to 09 May 24, 12 to 16 May 24, 19 to 23 May 24, 26 to 30 May 24 from 0001 to 1600 UTC in danger areas bounded by (a) 21-20.83N 090-34E, 21-41N 091-14E, 21-20.83N 091-28E, 21-00N 090-47.83E (b) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E (c) 20-22N 091-06E, 20-46.5N 091-31E, 20-24N 091-59E, 20-00N 091-36E (d) 21-18N 089-31E, 21-18N 089-50E, 21-04N 089-54E, 21-04N 089-34E (e) 20-58N 089-34E, 20-58N 089-54E, 20-34N 089-54E, 20-34N 089-34E. Wide berth from area advised. 2. Cancel this MSG 301700 UTC May 24.</p>
<p>437. Andaman Sea - Rani Lakshmbai Shila. Charts IN 33 405 473 INT 7440. New LT FL (2)15S with range 10Nm established for trials at 11-08.23N 093-30.81E.</p>
<p>438. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 030330 to 030830 UTC May 24 in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised.</p>

438. Continued.
2. Cancel this MSG 030930 UTC May 24.
439. India West Coast - Kochi. Charts IN 22 220 259 2004 INT 7356. Firing Scheduled (a) 03, 10, 17, 24, 31 May 24 from 0900 to 1200 UTC and 1230 to 1430 UTC and (b) 06, 13, 20, 27 May 24 from 0900 to 1200 UTC in danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E. Wide berth from area advised.
2. Cancel this MSG 311530 UTC May 24.
440. India West Coast - off Dabhol. Charts IN 22 293 7705 INT 7022. Endeavour progressing cable laying operations in vicinity of 17-01.62N 069-39.98E, 17-02.14N 069-41.11E, 17-11.70N 069-54.38E, 17-22.25N 070-09.06E, 17-23.59N 070-10.93E, 17-25.43N 070-13.49E, 17-25.28N 070-14.38E, 17-25.04N 070-15.88E, 17-25.03N 070-15.89E, 17-24.32N 070-16.75E, 17-23.68N 070-17.52E, 17-23.59N 070-17.63E, 17-21.71N 070-20.78E, 17-19.69N 070-20.54E. Wide berth requested.
2. Cancel this MSG 051830 UTC May 24.
441. India West Coast. Charts IN 21 255 292 INT 752. Rig move. Victory driller (19-23.34N 071-12.32E). INTM 07/24, 060(T) refers. Wide berth requested.
442. Cancel NAVAREA VIII MSG 181/24, 298/24 and this MSG.



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
F0387.5	Bet Dwarka	22 27.97 N 69 06.74 E	Fl(2)W 10s	32	10	Red & White Metal Framework Tower	<i>fl 0-5, ec 1-5, fl 0-5, ec 7-5</i>
*	*	*	*	*	*	*	*
F1058.5	Shwe Phyu Gasfield. Mayu	19 40.47 N 92 32.60 E	Lit	..	15	Platform	Other installations exist in this field
*	*	*	*	*	*	*	*
F1628.45	- Oil Terminal. S Dolphin	02 14.30 N 102 07.68 E	Fl R *

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

(Last correction: Edition No. 06 dated 16 Mar 2024)

NIL

INP 31(2), 2019

(Last correction: Edition No. 06 dated 16 Mar 2024)

PAGE 6, EGYPT (Red Sea Coast).
74490 Ra's Shuqayr South Lt Buoy.

Delete entry:

PAGE 6, EGYPT (Red Sea Coast).
74540 Ra's Shuqayr North Lt Buoy.

Delete entry:

PAGE 26, MALAYSIA (EAST COAST)
Above 80400 Kuantan Lt Bn No 1.

Insert new entry:

Pulau Mungging Lt	01°21'·73N 104°17'·89E	3	360°			N		80390
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INP 31(5), 2021

(Last correction: Edition No. 03 dated 01 Feb 2024)

NIL

INP 31(6), 2023

(Last correction: Edition No. 06 dated 16 Mar 2024)

PAGE 131, MADAGASCAR, below TOAMASINA (TAMATAVE).

Insert new entry:

TULEAR (Toliara) 23°23'S 43°40'E
UNCTAD LOCODE: MG TLE

Pilots

CONTACT DETAILS:

VHF Channel: Ch 16
Telephone: +261 03 24462371
E-mail: smoi.tul@moov.mg

PROCEDURE:

- (1) **Pilotage is compulsory** for vessels over 530 gt.
- (2) **Notice of ETA:** Vessels should contact the Pilot 1hr prior to arrival or departure.
- (3) **Pilot boards** in position 23°20'·58S 43°36'·58E.

Port

CONTACT DETAILS:

VHF Channel: Ch 16
Telephone: +261 32 1125780

PROCEDURE:

- (1) Vessels must inform the Hr Mr their ETA 48h prior to arrival at the port.
- (2) Vessels must arrive or depart during the day only.

PAGE 257, FUJAIRAH (FUJAYRAH)

Pilots, PROCEDURE, Para 2.

Delete entry and replace by:

(2) **Pilot boards** in the following positions:

- (a) North Pilot Station: 25°18'·90N 56°27'·00E (SPM Terminals)
- (b) East Pilot Station: 25°08'·10N 56°25'·00E (VLCC berth & VHFL Terminal)
- (c) South Pilot Station: 25°08'·80N 56°24'·00E (FUJAIRAH & FOTT)

PAGE 39, below CUDDALORE,

Insert new entry:

CHHARA, GUJRAT**20°43'S 70°44'E****Pilots****Pilots and Ports****CONTACT DETAILS:**

Call: Simar Port Private limited
 VHF Channel: Ch 12 & 16
 E-mail: Chhara.Port@shapoorji.com

Port

Call: Simar Port Private limited
 VHF Channel: Ch 12 & 16
 E-mail: Chhara.Port@shapoorji.com

PROCEDURE:

- (1) **Pilotage is compulsory** for all vessels.
- (2) **Notice of ETA:** Vessels should contact the Pilot 1hr prior to arrival or departure.
- (3) **Pilot boards** in position 20°42'·50N 70°42'·04E.
- (4) Message should include the following information:
 - (a) Vessel's name/ Call Sign/ MMSI/ IMO No/ Official Number
 - (b) Flag/ Port of Registry/ Year Built
 - (c) Port of Departure/ Sailing date and time
 - (d) Destination after Gopalpur
 - (e) ETA
 - (f) Arrival Draft/ Freeboard/ Displacement
 - (g) GT/ NT/ DWT (summer)/ Displacement (summer)
 - (h) Length (LOA), Breadth, Molded Depth and draught (summer)
 - (j) Speed (Sea/ Manoeuvring)
 - (k) Masters Name/ Nationality
 - (l) Crew on Board (Including Master)/ Number by Nationality
 - (m) Classification/ P & I Name/ ISSC (No. / Validity)
 - (n) Number of Personnel suffering from dangerous or contagious disease if any
 - (o) Type and Quantity of cargo on Board/ Ballast Quantity on Board
 - (p) Name of registered Owners, Present Charterers and operators/ Managers
 - (q) Agents Name (Owners & charterers) and requirements if any
- (5) When within VHF range not less than 2H prior arrival, should establish contact with port control on VHF 12 & 16.
- (6) Upon entering and exiting port limits port control to be notify on VHF 12 & 16.
- (7) Vessels at anchor must maintain continuous watch on VHF Ch 12 & 16.
- (8) Pilot Boards in position 20°42'·50N 70°42'·04E.

COMMUNICATION:

1. Road Services available - Thru Kodinar Town, Distt - Gir Somnath
2. Nearest Airport - Diu Airport.

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / Harbour 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 : msis-inho@navy.gov.in, 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.

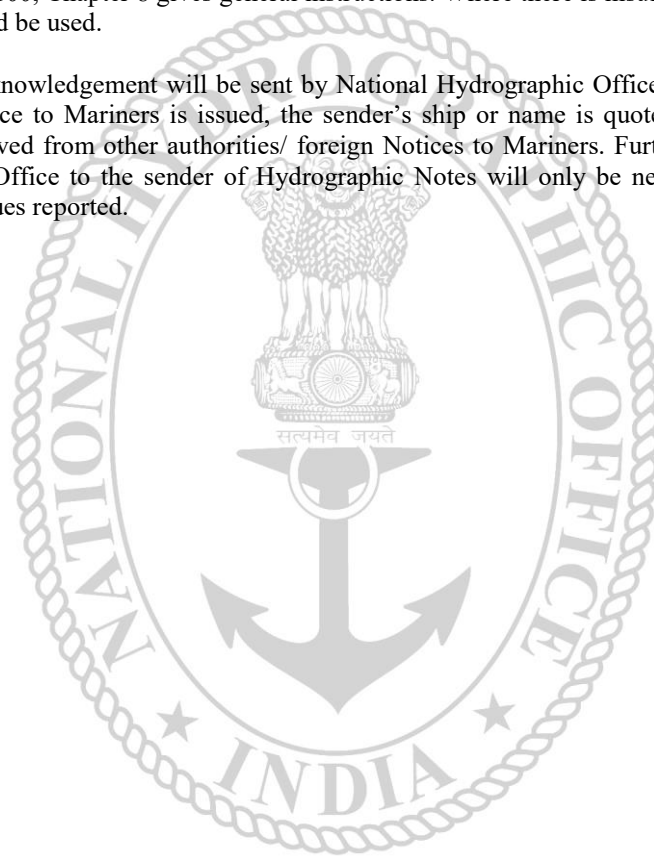
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be 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.

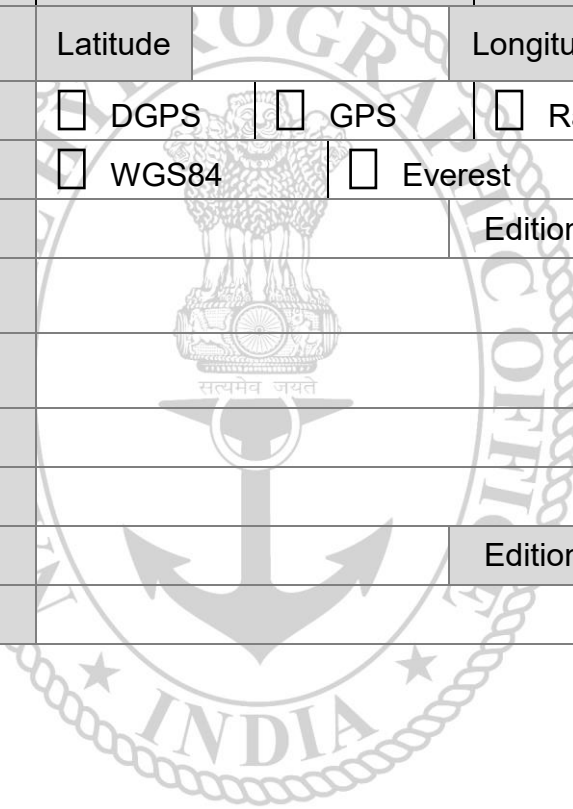
8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

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.

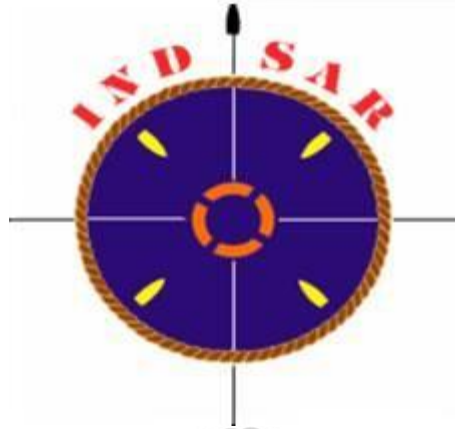


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object of Changes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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

INMARSAT C (IOR) 441907210 CODE: 43 (TOLL FREE)

AFTN: VABBYXYC