



# INDIAN NOTICES TO MARINERS

EDITION NO. 02 DATED 16 JAN 2024

(CONTAINS NOTICES 034 TO 039)



REACH US 24 x 7



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## CONTENTS

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

(PUBLISHED ON NHO WEBSITE ON 1<sup>ST</sup> & 16<sup>TH</sup> OF EVERY MONTH)

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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 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<sub>s</sub> 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 &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
NIL					

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 &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
NIL					

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>
NIL				

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>
NIL			

5. The new edition 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>
IN3206VH	206	VERAVAL TO DIU HEAD	10-01-2024
IN52552W	2552	APPROACHES TO MAHE ISLAND	10-01-2024

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>
IN3206VH	206	VERAVAL TO DIU HEAD	08-04-2019
IN52552W	2552	WESTERN APPROACHES TO MAHE ISLAND	10-01-2018

7. The forthcoming Indian Charts are as follows:-

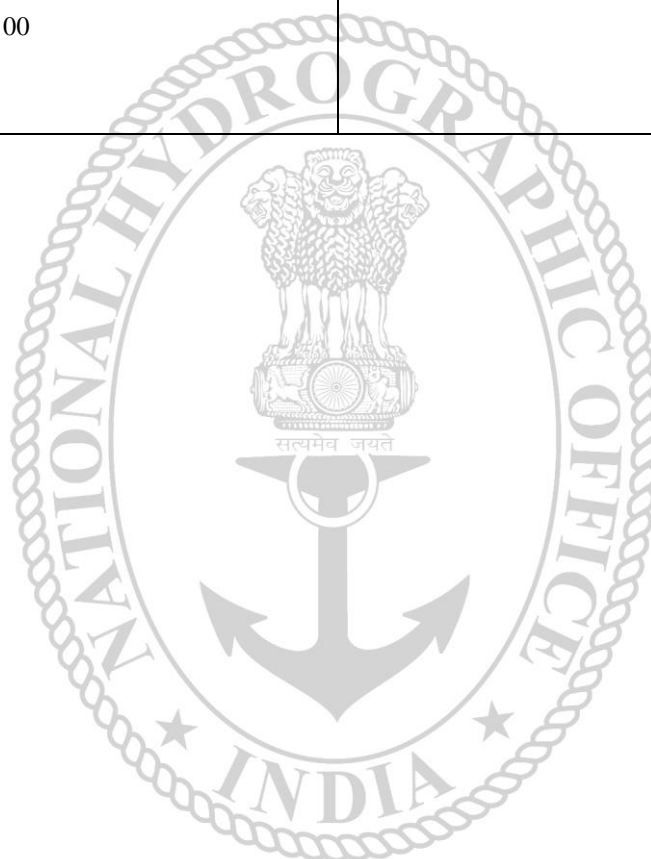
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
NIL			

## VI

### Availability of ENC's

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the 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:

<b>United Kingdom Hydrographic Office</b> Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel : +44 (0) 1823 337900 Fax : +44 (0) 1823 330561, 1823 284077 Web site : <a href="http://www.hydro.gov.uk">www.hydro.gov.uk</a>	<b>M/s IIC Technologies Limited</b> B-2-350/5/B-22, Road No. 3 Banjara Hills, Hyderabad - 500 034 Telangana Tel: +91 4039144444 Fax: +91 4039144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a>
<b>M/s Primar</b> Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: <a href="mailto:data@ecc.no">data@ecc.no</a> Website: - <a href="http://www.primar.org">www.primar.org</a>	



**SECTION – I**

The list of charts affected by the Notices 034 to 039 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	036 (T), 038 (T)
22 (INT 752)	3	036 (T), 038 (T)
32 (INT 754)	5	038 (T)
41 (INT 757)	6	035
202	2	036 (T)
206	2	034
207	2	036 (T)
209	3	036 (T)
210	3	036 (T)
211	3	036 (T)
214	3	038 (T)
221	4	038 (T)
222	4	037 (T)
223	4	037 (T)
251 (INT 7318)	2	036 (T), 038 (T)
253 (INT 7328)	2	036 (T), 038 (T)
254 (INT 7331)	3	036 (T)
255 (INT 7334)	3	036 (T)
256 (INT 7340)	3	036 (T)
258 (INT 7348)	4	038 (T)
260 (INT 7362)	4	037 (T), 038 (T)
261 (INT 7363)	4	037 (T), 038 (T)
263 (INT 7383)	5	038 (T)
271	2	036 (T), 038 (T)
272	4	038 (T)
291	2	036 (T), 038 (T)
292 (INT 7021)	2	036 (T), 038 (T)
293 (INT 7022)	3	036 (T), 038 (T)
294 (INT 7023)	4	038 (T)
295 (INT 7024)	4	038 (T)
2012	4	037 (T)
2101 (INT 7347)	3	036 (T)
7703 (INT 703)	1	039 (T)
7705 (INT 705)	1	036 (T)
7706 (INT 706)	1	036 (T), 039 (T)
7707 (INT 707)	1	039 (T)

**SECTION – II****PERMANENT NOTICES**

**\*034 (02/24) INDIA – WEST COAST – Veraval to Diu Head – Accompanying Block.**

Source: NHO, Dehradun.

**Chart 206** [*previous update 177/23*]

Insert accompanying block, centered on;

20° 45′.00N., 070° 41′.50E.

**\*035 (02/24) BAY of Bengal and Andaman Sea – Andaman Sea – Wreck.**

Source: NHO, Dehradun.

**Chart 41 (INT 757)** [*previous update 174/23*]

Insert

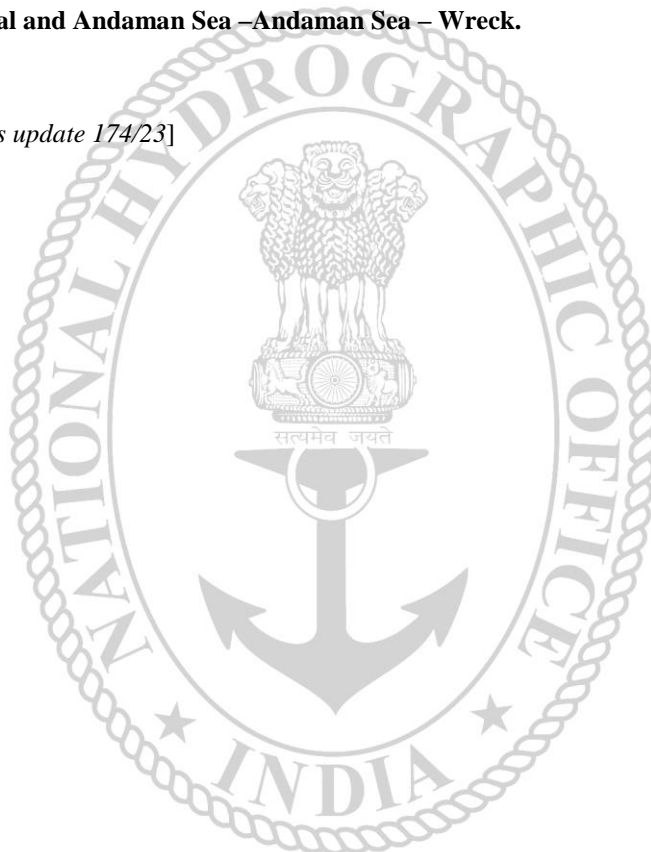


14° 28′.88N., 097° 45′.63E.

Delete



14° 25′.23N., 097° 53′.84E.





**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 ENC's for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on [www.hydrobharat.gov.in](http://www.hydrobharat.gov.in).

<b>*036 (T) (02/24)</b>	<b>INDIA – WEST COAST – Arabian Sea – Oil Rigs.</b>
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows: -	
<b>Rig Name</b>	<b>Position</b>
Aban II	19° 48'.29N., 071° 41'.20E.
<b>Aban III</b>	<b>19° 32'.05N., 071° 19'.16E.</b>
Aban VIII	19° 11'.99N., 072° 11'.00E.
Admarine 9	19° 19'.46N., 071° 14'.10E.
CE Thornton	19° 23'.99N., 071° 15'.33E.
Compact Driller	19° 18'.56N., 071° 26'.23E.
Discovery 1	18° 38'.20N., 071° 00'.92E.
FG MC Clintok	18° 08'.15N., 072° 25'.28E.
Foresight Driller IX	18° 33'.72N., 072° 17'.66E.
Great Drill Chaaru	18° 43'.05N., 072° 19'.13E.
Great Drill Chetna	19° 22'.42N., 072° 13'.50E.
<b>Great Drill Chaaya</b>	<b>18° 36'.10N., 071° 01'.60E.</b>
Great Drill Chitra	18° 31'.89N., 072° 16'.74E.
Jindal Star	19° 33'.18N., 071° 32'.94E.
Jindal Supreme	20° 18'.11N., 072° 08'.28E.
<b>JT Angel</b>	<b>18° 47'.21N., 072° 19'.52E.</b>
Jindal Explorer	20° 21'.56N., 072° 01'.43E.
<b>Key Singapore</b>	<b>18° 55'.85N., 072° 18'.35E.</b>
Parameswara	19° 19'.46N., 071° 23'.33E.
Ron Tappmeyer	19° 37'.31N., 071° 19'.97E.
Sagar Bhushan	19° 42'.94N., 071° 00'.51E.
Sagar Vijay	18° 42'.58N., 070° 58'.27E.
Sagar Jyoti	19° 02'.27N., 071° 28'.55E.
Sagar Kiran	20° 21'.16N., 071° 52'.83E.
Sagar Ratna	19° 14'.92N., 072° 11'.00E.
Sagar Uday	20° 17'.36N., 072° 11'.23E.
Sagar Samrat	18° 58'.43N., 071° 37'.44E.
<b>Sagar Gaurav</b>	<b>19° 41'.07N., 071° 50'.14E.</b>
<b>Trident 12</b>	<b>18° 45'.23N., 072° 18'.00E.</b>
Vivekananda 1	19° 39'.54N., 071° 44'.40E.
Vivekananda 2	19° 14'.62N., 070° 53'.04E.
Virtue 1	19° 00'.48N., 072° 09'.07E.
Victory Driller	19° 15'.30N., 071° 21'.79E.
Armada Sterling I	18° 35'.24N., 071° 02'.08E.
Armada Sterling II	19° 10'.50N., 070° 56'.70E.
Admarine 10	19° 29'.83N., 071° 19'.49E.
<b>DS FOSSIL</b>	<b>19° 23'.19N., 071° 17'.41E.</b>

<b>DS FORTUNE</b>	<b>19° 18'.21N., 071° 30'.65E.</b>
2.	All Highlighted Oil Rigs reflects changes in position of respective Oil Rigs from previous Notice.
3.	All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.
4.	All positions referred to WGS 84 datum
<b>Charts Affected – 21 – 22 (INT 752) – 291– 292 (INT 7021) – 293 (INT 7022) – 251 (INT 7318) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 271 – 202 – 207 – 209 – 210 – 211 – 2101 (INT 7347) – 7705 (INT 705) – 7706 (INT 706).</b>	
<b>Former INTM 189 (T)/23 is cancelled.</b>	

**\*037 (T) (02/24) INDIA – WEST COAST – Vizhinjam Anchorage, Alleppey Anchorage – Buoys.**

Source: Adani Vizhinjam Port Pvt. Ltd.

1. Intensive shoreline monitoring of the coast 20 KM on either side of Vizhinjam Port is in progress. As part of the project 01 Wave Rider Buoy along with 05 navigational buoys is placed in following position:-

Wave Rider Buoy	Positions	Navigational Buoy	Positions
Wave Rider Buoy	08° 21'.70N., 76° 59'.56E.	C2	08° 22'.21N., 76° 59'.28E.
		C3	08° 21'.85N., 76° 59'.08E.
		C4	08° 21'.38N., 76° 59'.74E.
		C5	08° 20'.80N., 77° 00'.28E.
		C6	08° 20'.94N., 77° 00'.43E.

2. Vessels are advised to navigate with caution and contact local port authorities for more information.

**Charts Affected – 260 (INT 7362) – 261 (INT 7363) – 222 – 223 – 2012.**

**Former INM 036(T)/23 is cancelled.**

**\*038 (T) (02/24) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)
OGD18	15° 09'.925N	72° 44'.640E	127, 182, 287, 592
OJD6	17° 31'.747N	71° 07'.303E	178, 383
OMD15	20° 00'.337N	69° 14'.187E	133, 338, 693
OOD5	22° 15'.455N	67° 28'.278E	147, 358, 658
OOD6	12° 30'.042N	74° 02'.286E	150, 250, 655
OKD15	09° 02'.910N	75° 26'.052E	169, 274, 579
<b>KKD14</b>	<b>06° 57'.475N</b>	<b>77° 23'.491E</b>	<b>175, 383, 688</b>

2. All Highlighted ADCP Moorings reflects changes in position of respective ADCP Moorings from previous Notice.

3. All positions referred to WGS 84 datum.

4. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.

**Charts Affected – 21 – 22 (INT 752) – 32 (INT 754) – 214 – 221 – 251 (INT 7318) – 253 (INT 7328) – 258 (INT 7348) – 260 (INT 7362) – 261 (INT 7363) – 263 (INT 7383) – 271 – 272 – 291 – 292 (INT 7021) – 293 (INT 7022) – 294 (INT 7023) – 295 (INT 7024).**

**Former INM 051 (T)/23 is cancelled.**

**\*039 (T) (02/24) INDIAN OCEAN – Maldives to Sumatera – ADCP Moorings.**

Source: NIO Goa.

- Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:–

ADCP Mooring	Positions		Depth (in meters)
EQCM 2.14	00° 00′.207N	83° 00′.071E	399
EQCM 3.13	00° 00′.065N	77° 21′.608E	383, 888
EQCM 4.3	02° 59′.981N	77° 21′.895E	381, 811

- All positions referred to WGS 84 datum.
- Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.

**Charts Affected – 7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).*****Former INM 179 (T)/21 is cancelled.***

## **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:-

<b>INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz</b>								
<b>Sl.</b>	<b>Station Name</b>	<b>B1</b>	<b>Broad Cast Timings in UTC</b>					
(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](http://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](http://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

<b>OSA Books and Periodicals</b> R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: <a href="mailto:rpani246@gmail.com">rpani246@gmail.com</a>	<b>M/s VDO Marine Insrtuments</b> 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: <a href="mailto:atmain@md4.vsnl.net.in">atmain@md4.vsnl.net.in</a>
<b>M/s Global Charts &amp; Nav. Aids Pvt. Limited</b> 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: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a>	<b>SMS Marine Private Ltd</b> 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> , <a href="mailto:raj.chakravorty@smsmap.com">raj.chakravorty@smsmap.com</a> Web: <a href="http://www.smsmaps.co.in">www.smsmaps.co.in</a>
<b>M/s C &amp; C Marine Combine</b> 25 Bank Street, 1 <sup>st</sup> Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: <a href="mailto:vijay@ccmarine.in">vijay@ccmarine.in</a> , <a href="mailto:sales@ccmarine.in">sales@ccmarine.in</a>	<b>M/s Global Marine Infratech Pvt. Ltd.</b> 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: <a href="mailto:tusarkantha@gmiindia.in">tusarkantha@gmiindia.in</a> Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a>
<b>M/s JM Maritime Services</b> 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 : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> , <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a>	<b>L. R. Marine Services</b> 301, 3rd Floor, Biry 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: <a href="mailto:lrcharts@gmail.com">lrcharts@gmail.com</a> , <a href="mailto:lrmarine@live.com">lrmarine@live.com</a>
<b>M/s Lift o Marine</b> Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a> , <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a>	<b>IIC Technologies Limited</b> 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a>
<b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani'sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: <a href="mailto:zenithsurveys703@gmail.com">zenithsurveys703@gmail.com</a> <a href="mailto:nyvmane@yahoo.com">nyvmane@yahoo.com</a> Web: <a href="http://www.zenithsurvey.com">www.zenithsurvey.com</a>	<b>M/s CNC</b> 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: <a href="mailto:sales@emariner.net">sales@emariner.net</a>

## 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 ENCs for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on [www.hydrobharat.gov.in](http://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 16 Jan 24: -

<b>2022 SERIES</b> - 049 134 162 237 286 461 476 519 646 757
<b>2023 SERIES</b> - 116 161 178 240 386 455 456 484 574 604 622 655 674 675 703 733 741 748 750 775 928 929 938 946 947 987 997 1046 1052 1054 1057 1061 1062 1067 1081 1086 1095 1099 1100 1101
<b>2024 SERIES</b> - 003 011 013 021 023 025 031 032 036 037 038 040 042 043 044 045 046 047 048 049 050 051 052 053 054

4. NAVAREA VIII Warnings issued during the period from 01 Jan 24 to 15 Jan 24 (both dates inclusive) are as tabulated below: -

<b>001. Wishing all Seafarers fair winds, following Seas and Safe navigation. Shano Varuna.</b>
2. Cancel this MSG 021000 UTC Jan 24.
<b>002. Andaman Sea - off Barren I.</b> Charts IN 41 473 7706 INT 7031. Firing by CG aircraft scheduled from 030800 to 031000 UTC Jan 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 031100 UTC Jan 24.
<b>003. India West Coast - off Mumbai.</b> Charts IN 21 255 292 7706 INT 7334. Seamec III progressing pipeline survey in vicinity of 18-57.08N 072-10.83E, 19-00.59N 072-11.96E, 19-00.44N 072-09.09E, 18-55.55N 072-02.50E, 18-30.08N 072-15.94E, 18-34.94N 072-14.43E, 18-34.12N 072-13.45E, 18-35.70N 072-12.81E, 18-37.20N 072-14.95E, 18-35N 072-14.37E, 18-29.37N 072-14.75E, 18-08.44N 072-22.09E, 18-32.70N 072-13.81E, 18-29.11N 072-15.13E, 18-45.65N 072-19.21E, 18-42.52N 072-20.43E, 18-43.45N 072-20.31E, 19-20.97N 071-18.09E, 19-21.39N 071-17.08E, 19-19.80N 071-15.34E, 19-19.47N 071-14E, 19-28.15N 071-14.55E, 19-27.77N 071-16.70E, 19-25.13N 071-21.02E, 19-25.08N 071-23.36E, 19-25.32N 071-19.57E, 19-22.42N 071-21.56E. Wide berth requested.
2. Cancel this MSG 161830 UTC Feb 24.
<b>004. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Subsurface firing scheduled from 021000 to 021900 UTC Jan 24 in danger area bounded within 17-01N TO 17-11N and 083-19E TO 083-29E. Wide berth from area advised.
2. Cancel this MSG 022000 UTC Jan 24.
<b>005. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 7706 INT 7408. Firing scheduled from 030830 to 031100 UTC Jan 24 and from 040730 to 041000 UTC Jan 24 in danger area bounded within (a) 17-07.50N TO 17-32.50N and 083-50E to 084-30.70E (b) 16-45N to 17-05N and 083-56E to 084-27E (c) 17-07N to 17-23N and 083-27E to 083-43E (d) 16-48N to 17-05N and 083-30E to 083-50E. Wide berth from area advised.
2. Cancel this MSG 041100 UTC Jan 24.
<b>006. Cancel NAVAREA VIII MSG 957/23, 1087/23 and this MSG. INTM 01/24, 031, 033 (T) refers.</b>
<b>007. Lakshadweep Sea - off Androth I.</b> Charts IN 268 294 2007 INT 7353. Firing scheduled from 050230 to 051030 UTC Jan 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 051130 UTC Jan 24.
<b>008. Lakshadweep Sea - Minicoy I.</b> Charts IN 22 273 2006 INT 752. Firing scheduled from 050130 to 051230 UTC Jan 24 in danger area bounded by 08-15.36N 073-04.5E, 08-14.89N 073-03.32E, 08-16.53N 073-03.3E, 08-16.57N 073-03.43E. Wide berth from area advised.
2. Cancel this MSG 051330 UTC Jan 24.
<b>009. India East Coast - Off Chennai.</b> Charts IN 32 313 356 INT 7400. Firing By CG aircraft scheduled from 050130 to 051130 UTC Jan 24 in danger area bounded within 12-49N TO 12-59N and 080-46E TO 081-26E. Wide berth from area advised.



<b>009. Continued.</b>
2. Cancel this MSG 051230 UTC Jan 24.
<b>010. India West Coast - off Porbandar.</b> Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 050330 to 050830 UTC Jan 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 050930 UTC Jan 24.
<b>011. India West Coast - off Hazira.</b> Charts IN 21 254 292 7706 INT 7021. MT Surat progressing Pipeline survey in vicinity of 21-01.92N 072-33.27E, 21-03.96N 072-31.62E, 21-06.28N 072-31.04E. Wide berth of 500 Mtrs requested.
2. Cancel this MSG 141830 UTC Feb 24.
<b>012. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 73. Space debris predicted from 07 to 14 Jan 24 between 2258 UTC and 0327 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 140427 UTC Jan 24.
<b>013. Andaman Sea - Duncan Passage.</b> Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled 08 to 19 Jan 24 from 0400 to 0500 UTC and 0900 to 1000 UTC in danger area bounded by 11-15N 092-30E, 11-20N 092-55E, 11-05N 092-55E, 11-00N 092-30E. Wide berth from area advised.
2. Cancel this MSG 191100 UTC Jan 24.
<b>014. Bay of Bengal - off Balasore.</b> Charts IN 31 301 351 3011 INT 7419. Experimental flight trials scheduled from 08 to 12 Jan 24 from 0400 to 1200 UTC in danger area bounded by (a) 20-57N 086-54E (b) 20-54.31N 087-42.01E (c) 21-10.66N 088-00.65E (d) 21-41N 087-54E (e) 21-36.66N 087-28.76E. Danger area extending up to coastline joining point A and E. Wide berth from area advised.
2. Cancel this MSG 121300 UTC Jan 24.
<b>015. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 73. Rocket debris predicted from 051000 to 051600 UTC Jan 24 in area bounded by 24-29S 086-57E, 24-21S 086-11E, 21-41S 086-45E, 21-49S 087-30E. Wide berth from area advised.
2. Cancel this MSG 051700 UTC Jan 24.
<b>016. India West Coast - off Alappuzha.</b> Charts IN 22 7706 INT 752. Firing scheduled 05 and 06 Jan 24 from 0430 to 1130 UTC in danger area bounded within 08-58N to 09-13N and 075-18E to 075-33E. Wide berth from area advised.
2. Cancel this MSG 061230 UTC Jan 24.
<b>017. India West Coast - off Ponnani.</b> Charts IN 22 259 7071 INT 7356. Firing by CG aircraft scheduled 09 to 12 Jan 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 121130 UTC Jan 24.
<b>018. Bay of Bengal - off Balasore.</b> Charts IN 31 351 7706 INT 706. IAF exercise scheduled 09 to 10 Jan 24 from 0400 to 1200 UTC in danger area bounded by 21-27.22N 087-01.50E, 21-27.03N 087-13.48E, 21-12.21N 087-36.47E, 21-02.55N 087-35.47E, 20-50.03N 087-23.28E, 20-45.24N 087-15.50E, 21-02.48N 086-50.48E, 21-16.01N 086-50.30E. Wide berth from area advised.
2. Cancel this MSG 101300 UTC Jan 24.
<b>019. India East Coast - off Chennai.</b> Charts IN 32 313 356 391 INT 7400. Firing by CG aircraft scheduled 06, 07, 08, 10 and 12 Jan 24 from 0130 UTC to 1130 UTC in danger area bounded within 13-08N TO 13-15N and 080-24E to 080-34E. Wide berth from area advised.
2. Cancel this MSG 121230 UTC Jan 24.
<b>020. Northwestern Indian Ocean.</b> Charts IN 7071 7072 7703 INT 703. Vessel boarded by six pirates in vicinity of 06-47N 057-32E. Mariners advised to keep clear and exercise caution.
2. Cancel this MSG 081000 UTC Jan 24.
<b>021. Southern Indian Ocean - off Mauritius.</b> Charts IN 7071 7702 INT 702. Hydrographic survey is being progressed in area bounded within 16-24S to 20-54S and 057-00E to 059-57E. Wide berth requested.
2. Cancel this MSG 051830 UTC Feb 24.
<b>022. NAVAREA VIII - Warnings in force as on 05 Jan 2024</b> <b>2022 Series</b> - 049 134 162 237 259 286 461 476 519 646 757 997 <b>2023 Series</b> - 116 161 178 179 240 386 455 456 484 574 604 622 655 674 675 696 703 733 741 748 750 775 791 815 868 926 928 929 938 946 947 964 987 997 1003 1037 1046 1052 1054 1057 1061 1062 1067 1081 1085 1086 1095 1099 1100 1101 <b>2024 Series</b> - 003 011 012 013 014 016 017 018 019 020 021 (a) NAVAREA VIII Warnings less than 42 days promulgated via safetynet. (b) Text of NAVAREA VIII Warning inforce including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> . 2. Cancel this MSG 121000 UTC Jan 24.
<b>023. India West Coast.</b> Charts IN 21 255 INT 7021. Rig move. DS Fortune (19-18.21N 071-30.65E), GD Chaaya (18-36.10N 071-01.60E), Trident-12 (18-45.23N 072-18E), ABAN III (19-32.05N 071-19.16E). Refer to 189(T) of INTM 24/23. Wide berth requested.

<b>024. Andaman Sea - off Barren I.</b> Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 100800 to 101000 UTC Jan 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 101100 UTC Jan 24.
<b>025. India West Coast - off Mumbai.</b> Charts IN 21 255 292 7706 INT 7334. Hydrographic survey will be carried out From 09 Jan to 20 Feb 24 in area bounded by 20-22.17N 071-28.05E, 20-22.17N 072-00E, 19-42.57N 072-00E, 19-42.57N 072-08.30E, 19-23N 072-08.30E, 19-23N 071-28.05E. Wide berth requested. 2. Cancel this MSG 201830 UTC Feb 24.
<b>026. Cancel Navarea VIII MSG 259/22 179/23, 012/24 and this MSG.</b>
<b>027. Gulf of Mannar.</b> Charts IN 32 224 262 INT 7365. Partially submerged fishing VESSEL reported adrift in approximate position 08-10.9N 078-50.9E at 080430 UTC Jan 24. 2. Cancel this MSG 110430 UTC Jan 24.
<b>028. India East Coast - off Sagar I.</b> Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 120430 to 121030 UTC Jan 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 121130 UTC Jan 24.
<b>029. India West Coast - off Porbandar.</b> Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 120330 to 120830 UTC Jan 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 120930 UTC Jan 24.
<b>030. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 73. Rocket debris predicted from 110200 to 110800 UTC Jan 24 in area bounded by 05-06S 092-59E, 05-00S 092-16E, 02-19S 092-40E, 02-25S 093-23E. Wide berth from area advised. 2. Cancel this MSG 110900 UTC Jan 24.
<b>031. India West Coast.</b> Charts IN 21 255 292 INT 7021. Rig move. Vivekananda 1 (19-18.21N 71-30.65E), Parameswara (19-20.95N 71-24.39E). Refer to 189(T) of INTM 24/23. Wide berth requested.
<b>032. India West Coast - off Mumbai.</b> Charts IN 21 292 293 INT 7021. Seamec princess will carry out pipeline survey from 10 Jan to 12 Apr 24 in vicinity of 19-07.96N 071-52.09E, 19-08.68N 071-55.27E, 19-20.91N 071-24.40E, 19-35.16N 071-19.43E, 19-19.47N 071-14E, 19-21.39N 071-17.08E, 19-35.29N 071-24.28E, 19-25.08N 071-23.36E, 19-15.27N 071-21.80E, 19-25.32N 071-19.57E, 18-42.52N 072-20.43E, 18-43.45N 072-20.31E, 18-08.44N 072-22.09E, 18-30.08N 072-15.94E, 18-34.94N 072-14.43E, 19-23.48N 071-25.19E, 19-16.71N 071-25.64E, 19-18.28N 071-22.77E, 19-22.42N 071-21.56E, 19-20.94N 071-18.15E, 19-23.56N 071-16.71E, 19-21.98N 071-19.47E.. Wide berth requested. 2. Cancel this MSG 121830 UTC Apr 24.
<b>033. Andaman Sea - off Middle Andaman I.</b> Charts IN 41 473 7071 INT 7031. Firing scheduled from 120230 to 121200 UTC Jan 24 in danger area bounded by 13-12.52N 093-20.03E, 13-12.62N 094-11.25E, 12-22.05N 094-11.35E, 12-22.25N 093-20E. Wide berth from area advised 2. Cancel this MSG 121300 UTC Jan 24
<b>034. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Subsurface firing scheduled from 110330 to 110730 UTC Jan 24 and from 120030 to 120430 UTC Jan 24 in danger area bounded within 17-09N to 17-28N and 083-34E to 083-55E. Wide berth from area advised. 2. Cancel this MSG 120530 UTC Jan 24.
<b>035. India West Coast - off Kollam.</b> Charts IN 22 7071 7073 INT 73. Firing scheduled 12 and 13 Jan 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 131230 UTC Jan 24.
<b>036. India West Coast - Gulf of Khambhat.</b> Charts IN 207 208 254 292 INT 7021. Narmada channel marking Buoy no 3, Buoy no 5 and Buoy no 8 reported unlit. Buoy no 7 reported missing. Buoy no 9 drifted to 21-02.75N 072-10.10E. Mariners to exercise caution. 2. Cancel NAVAREA VIII MSG 696/23 and 815/23.
<b>037. India East Coast - off Chennai.</b> Charts IN 32 313 356 391 INT 7400. Miclyn enterprise progressing cable installation works in areas bounded by (a) 12-36.13N 080-39.90E, 12-36.07N 080-39.87E, 12-35.54N 080-41.29E, 12-35.47N 080-41.26E (b)12-38.20N 080-38.78E, 12-38.17N 080-38.76E, 12-38.12N 080-38.85E, 12-38.10N 080-38.82E (c) 12-50.09N 080-29.71E, 12-50.05N 080-29.66E, 12-50.01N 080-29.78E, 12-49.97N 080-29.72E (d) 12-59.12N 080-20.33E, 12-58.69N 080-19.80E, 12-57.67N 080-21.37E, 12-57.99N 080-21.75E (e) 13-01.03N 080-17.99E, 13-00.93N 080-17.82E, 13-00.36N 080-18.40E, 13-00.26N 080-18.17E. Wide berth requested. 2. Cancel this MSG 201830 UTC Jan 24.
<b>038. India West Coast - off Mumbai.</b> Charts IN 21 254 255 292 INT 7021. Vanessa 7 progressing survey in vicinity of 19-15.63N 071-17.78E, 18-16.38N 072-22.82E, 18-34.96N 072-14.46E, 18-29.42N 072-14.73E, 18-12.70N 070-43.56E, 19-40.40N 071-19.40E, 20-20.04N 072-07.55E, 19-19.90N 071-20.01E, 18-39.23N 070-58.86E, 21-03.51N 072-24.44E. Wide berth requested. 2. Cancel this MSG 081830 UTC Feb 24.
<b>039. Lakshadweep Sea - Minicoy I.</b> Charts IN 22 273 2006 INT 752. Firing scheduled from 120130 to 121230 UTC

<b>039. Continued.</b> Jan 24 in danger area bounded by 08-15.36N 073-04.5E, 08-14.89N 073-03.32E, 08-16.53N 073-03.3E, 08-16.57N 073-03.43E. Wide berth from area advised. 2. Cancel this MSG 121330 UTC Jan 24.
<b>040. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 73. Space debris predicted from 14 to 20 Jan 24 between 0019 UTC and 0719 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 200819 UTC Jan 24.
<b>041. Cancel NAVAREA VIII MSG 997/22 and this MSG.</b>
<b>042. India East Coast - Gulf of Mannar.</b> Charts IN 32 224 262 INT 7365. Hydrographic survey will be carried out from 12 to 31 Jan 24 in area bounded by 08-53N 078-27E, 08-53N 078-36E, 08-59N 078-36E, 08-59N 078-55E, 08-12N 078-55E, 08-12N 078-27E. Wide berth requested. 2. Cancel this MSG 311830 UTC Jan 24.
<b>043. India West Coast.</b> Charts IN 21 255 INT 7021. Rig move. RON Tappmeyer (18-45.65N 072-19.22E). Refer to 189(T) of INTM 24/23. Wide berth requested.
<b>044. India West Coast - off Mumbai.</b> Charts IN 21 211 2016 INT 7336. Salvage operation of Tug Varaprada will be carried out from 15 Jan to 15 Apr 24 in area bounded by 19-00.82N 072-30.85E, 19-00.59N 072-30.93E, 19-00.89N 072-31.17E, 19-00.65N 072-31.20E. Wide berth requested. 2. Cancel this MSG 151830 UTC Apr 24.
<b>045. India East Coast - off Balasore.</b> Charts IN 31 351 3011 INT 7419. IAF exercise scheduled 15 to 17 Jan 24 from 0400 to 1200 UTC in danger area bounded by (a) 20-57N 086-54E (b) 21-41N 087-45E (c) 21-41N 087-54E (d) 21-31N 087-42E (e) 21-13N 087-23E (f) 21-00.38N 087-02.85E. Danger area extending up to coastline joining point a and b. Wide berth from area advised. 2. Cancel this MSG 171300 UTC Jan 24.
<b>046. NAVAREA VIII - Warnings in force as on 12 Jan 2024:</b> <b>2022 Series</b> - 049 134 162 237 286 461 476 519 646 757 <b>2023 Series</b> - 116 161 178 240 386 455 456 484 574 604 622 655 674 675 703 733 741 748 750 775 791 868 926 928 929 938 946 947 964 987 997 1046 1052 1054 1057 1061 1062 1067 1081 1085 1086 1095 1099 1100 1101 <b>2024 Series</b> - 003 011 013 021 023 025 031 032 035 036 037 038 040 042 043 044 045 (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 <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> . 2. Cancel this MSG 191000 UTC Jan 24.
<b>047. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Firing scheduled from 171200 to 171600 UTC Jan 24 in danger area bounded by 17-48.12N 083-44.41E, 17-48.31N 083-59.13E, 17-57.55N 084-11.49E, 17-57.68N 083-57.19E. Wide berth from area advised. 2. Cancel this MSG 171700 UTC Jan 24.
<b>048. India West Coast - off Trivandrum.</b> CHARTS IN 22 222 260 261 INT 752. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled from 170530 to 170700 UTC Jan 24. Danger sector (A) Radius of 05 Nm from launcher between azimuth 190 and 300 (b) Radii of 45 Nm and 75 Nm between azimuth 220 and 260. Wide berth from area advised. 2. Cancel this MSG 170800 UTC Jan 24.
<b>049. Andaman Sea - off Barren I.</b> Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 170800 to 171000 UTC Jan 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 171100 UTC Jan 24.
<b>050. India East Coast - Visakhapatnam.</b> Charts IN 31 354 391 3002 INT 7408. Firing scheduled from 170030 to 170130 UTC Jan 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 Nm radius joining point B and C. Wide berth from area advised. 2. Cancel this MSG 170230 UTC Jan 24.
<b>051. India West Coast - off Kochi.</b> Charts IN 22 220 259 2004 INT 7356. Hydrographic survey will be carried out from 16 to 18 Jan 24 in area bounded within 09-53.80N to 10-02.40N AND 076-04.60E TO 076-18E. Wide berth requested. 2. Cancel this MSG 181830 UTC Jan 24.
<b>052. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7334. Pipeline replacement survey will be carried out from 16 Jan to 14 Apr 24 by Posh Natuna with anchor handling vessels posh Arcturus and Posh Panglima in vicinity of 19-34.39N 071-21.75E, 19-22.40N 071-21.62E, 19-25.23N 071-16.85E, 18-37.19N 072-14.95E, 18-34.11N 072-13.45E, 18-34.93N 072-14.43E, 19-18.81N 071-24.95E, 19-20.91N 071-24.40E, 19-20.97N 071-18.09E, 19-21.39N 071-17.07E, 19-19.47N 071-14.00E, 19-19.80N 071-15.33E, 19-35.29N 071-24.28E, 19-35.16N 071-19.43E, 19-21.94N 071-15.47E, 19-20.94N 071-18.15E, 19-25.08N 071-23.36E, 19-25.13N 071-21.02E, 19-22.42N 071-21.56E. Wide berth

<b>052. Continued.</b>
requested.
2. Cancel this MSG 141830 UTC Apr 24.
<b>053. India West Coast.</b> Charts IN 21 255 INT 7021. Rig Move. Great drill Chaaru (18-16.38N 072-22.82E). Refer to 189(T) of INTM 24/23. Wide berth requested.
2. Cancel NAVAREA VIII MSG 1085/23.
<b>054. India West Coast - off Alappuzha.</b> CHARTS IN 22 221 260 INT 7362 . Subsurface firing scheduled 18 to 20 Jan 24 from 0330 to 1130 UTC in danger area bounded within 09-17N to 09-22N and 075-44E to 075-49E. Wide berth from area advised.
2. Cancel this MSG 201230 UTC Jan 24.



**SECTION – VI**  
**CORRECTIONS TO SAILING DIRECTIONS (PILOTS)**

NIL

## **SECTION – VII**

### **CORRECTIONS TO LIST OF LIGHTS**

No	Name & Location	Position (Lat-Long)	Characteristi cs	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
MIKINDANI BAY							
<b>D6650</b>	- Ras Msangamkuu	10 12-49 S 40 14-10 E	FI W 10s	26	11	White metal framework tower 21	<i>fl</i> 1. W054°-290° (236°). <b>TE 2012</b> *
<b>D6653</b>	- Ras Jandoni. Ldg Lts 189°. Front	10 15-60 S 40 11-56 E	FI W 2s	..	..	..	..  *
<b>D6653-1</b>	- Ras Jandoni. Ldg Lts 189°. Rear. 715m from front	10 15-97 S 40 11-50 E	FI(2)W 5s	..	..	..	..  *
<b>D7316-2</b>	- Ra's Hilf. Milcon Jetty. SW Corner	20 41-22 N 58 52-24 E	FI(3)R 10s	7	3	Metal post 4	<b>TE 2023</b>  *
<b>D7316-4</b>	- Ra's Hilf. N Dolphin	20 41-27 N 58 52-25 E	Q R	7	3	Metal post 4	<b>TE 2023</b>  *
<b>D7316-6</b>	- Ra's Hilf. S Dolphin	20 41-20 N 58 52-24 E	LFI R 6s	7	<b>3</b>	Metal post 4	<b>TE 2023</b>  *
<b>D7376-6</b>	- <i>Oil Loading Terminal. SPM. Tanker Berth No 3</i>	25 08-94 N 52 54-13 E	FI R 5s	..	4	Green, red, blue and yellow quarters, black top	<i>fl</i> 0-5. <b>TE; works in progress (T)</b> <b>2023</b> *
<b>D7709-96</b> *	Khovr-e Minab *	27 04-23 N 56 44-62 E *	FI(2)W 6s *	.. *	5 *	.. *	.. *
<b>D7710</b>	Khovr-e Minab	27 05-25 N 56 49-49 E	FI(2)W 10s	11	12	Mast	<b>TE 2023</b>  *
<b>D7711-6</b> *	Bunji *	25 54-78 N 57 16-27 E *	FI G 5s *	5 *	5 *	Green Δ on Green Beacon *	.. *
<b>D7711-7</b> *	Bunji *	25 54-78 N 57 16-36 E *	FI R 5s *	4 *	5 *	Red □ on red beacon *	.. *
<b>D7716-1</b> *	Bahal. Breakwater *	25 40-99 N 57 51-93 E *	FI G 5s *	5 *	5 *	.. *	.. *
<b>D7716-2</b> *	Bahal. Breakwater *	25 41-04 N 57 51-92 E *	FI R 5s *	5 *	5 *	.. *	.. *
<b>D7716-5</b> *	Zarabad. Breakwater *	25 26-70 N 59 30-32 E *	FI G 5s *	.. *	5 *	Green beacon *	.. *

## 7.2

<b>D7716-6</b>	Tang. S Breakwater. Head	25 21-01 N 59 52-05 E	FI G 5s	..	5	Green beacon	..
*	*	*	*	*	*	*	*
<b>D7716-7</b>	Tang. N Breakwater. Head	25 21-08 N 59 52-14 E	FI R 5s	..	5	Red beacon	..
*	*	*	*	*	*	*	*
<b>D7716-8</b>	Pozm. Pier. Head	25 21-34 N 60 17-77 E	FI G 5s	..	5	Green beacon	..
*	*	*	*	*	*	*	*
<b>D7716-9</b>	KHALIJ-E CHABAHAR - Konarak. W Breakwater. Head	25 21-19 N 60 25-97 E	FI R 5s	..	5	Red beacon	..
*	*	*	*	*	*	*	*
<b>D7716-95</b>	- Konarak. E Breakwater. Head	25 21-16 N 60 26-03 E	FI G 5s	..	5	Green beacon	..
*	*	*	*	*	*	*	*
<b>D7724</b>	GWATAR BAY - Pasa Bandar. Pier. Head	25 04-35 N 61 25-25 E	FI R 5s	..	5	Red beacon	..
*	*	*	*	*	*	*	*
<b>D7758</b>	PORT MUHAMMAD BIN QASIM Remove from list; deleted						
<b>F1048-1</b>	KARNAPHULI RIVER. CHITTAGONG Remove from list; deleted						
<b>F1048-2</b>	KARNAPHULI RIVER. CHITTAGONG Remove from list; deleted						
<b>F1056-4</b>	<b>Cox's Bazar</b>	21 25-87 N 91 58-74 E	FI W 15s	74	<b>26</b>	Orange dome on framework tower 34	<i>fl 0-7</i>
	-	..	Racon	..	..	..	ILRS Vol 2 Station 79330
		*		*	*	*	*
<b>F1486</b>	PAULA PINANG - Muka Head. Summit	5 28-34 N 100 10-83 E	FI W 10s	242	10	White granite tower 14	<i>fl 0-3</i>
					*		



**SECTION – VIII**  
**CORRECTION TO LIST OF RADIO SIGNALS**

**INP 31(1), 2019**

*(Last correction: Edition No. 09 dated 01 May 2023)*



Page 31 IRAN,  
BANDAR-E EMAM KHOMEYNI (EQN), Contacts table.

Delete entry and replace by:-

BANDAR-E EMAM KHOMEYNI (EQN)		30°25.49'N 49°03.87'E	
MMSI 004225100	DSC VHF HF 4 6 8 12 & 16 MHz	OBS	
 +98 6152 282452 +98 6152 282453 +98 6152 282455 +98 6152 285057 +98 6152 285058		 +98 6152 282456	
		Email: khomeiniradio@pmo.ir	



Page 31 IRAN,  
BANDAR-E EMAM KHOMEYNI MRCC,

Delete entry and replace by:-

BANDAR-E EMAM KHOMEYNI MRCC,		30°25.49'N 49°03.87'E	
MMSI 004225100			
 +98 6152 282452 +98 6152 282453 +98 6152 282455 +98 6152 285057 +98 6152 285058		 +98 6152 282456	
		Email: khomeiniradio@pmo.ir	



Page 32 IRAN,  
BANDAR-E SHAHID RAJA'I (EQI), Contacts table.

Delete entry and replace by:-

BANDAR-E SHAHID RAJA'I (EQI) [5300]		27°06.15'N 56°04.41'E	
MMSI 004225300	DSC VHF MF HF 4 6 8 12 & 16 MHz	OBS	
 +98 7633 514032-5  Call: Abbas Radio Inmarsat: 772435545		 +98 7633 514036	
		Email: abbasradio@pmo.ir bandarabbas-mrcc@pmo.ir	

PAGE 32, IRAN.  
BANDAR-E SHAHID RAJA'I MRCC.



Delete entry and replace by:

BANDAR-E SHAHID RAJA'I MRCC.		27°06.22'N 56°04.70'E	
MMSI 004225300			
 +98 7633 514032-5		 +98 7633 514036	
Inmarsat: 772435545			
		Email: abbasradio@pmo.ir bandarabbas-mrcc@pmo.ir	
NOTE(S): Associated Coast Radio Station: Bandar-E Shahid Raja'i			





**PAGE 33, IRAN.  
CHABAHAR MRCC.**

Delete entry and replace by:

<b>CHABAHAR MRCC.</b>		<b>25°17.53' N 60°37.71' E</b>	
MMSI 004225301			
 +98 5435 321415 +98 5435 321216		 +98 5435 321215	
		Email: chabaharradio@pmo.ir	

**PAGE 36, IRAN.  
TEHRAN RCC.**

Delete entry and replace by:

<b>TEHRAN RCC.</b>		<b>35°46.50' N 51°26.90' E</b>	
 +98 21 8493 2172 +98 21 8493 2170 +98 21 8493 2149 +98 9153459100		 +98 21 84932190 +98 21 88651117	
		Email: h.ebrahimi@pmo.ir sh.ebrahimi1394@gmail.com	

**INP 31(2), 2019**

*(Last correction: Edition No. 11 dated 01 Jun 2023)*

**PAGE 24, BANGLADESH.  
79292-5 Chittagong Lt Pile.**

Delete entry :-

**PAGE 16, BAHRAIN.  
77600 Bahrain Lt Buoy.**

Delete entry :-

**PAGE 36, BAHRAIN.  
Bahrain Lt Buoy.**

Delete entry :-

**PAGE 46, QATAR,  
Insert above Barge Wreck Lt Buoy.**

<b>Al Dibal Lt Buoy</b>	26°33'.00N 51°03'.58E	994661161		Real	21
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**INP 31(5), 2021**

*(Last correction: Edition No. 17 dated 01 Sep 2023)*

NIL

**INP 31(6), 2018**

*(Last correction: Edition No. 24 dated 16 Dec 2023)*

NIL

## **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](mailto:msis-inho@navy.gov.in), [inho@navy.gov.in](mailto:inho@navy.gov.in)  
Fax No. : +91-135- 2748373  
Web : [www.hydrobharat.gov.in](http://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.

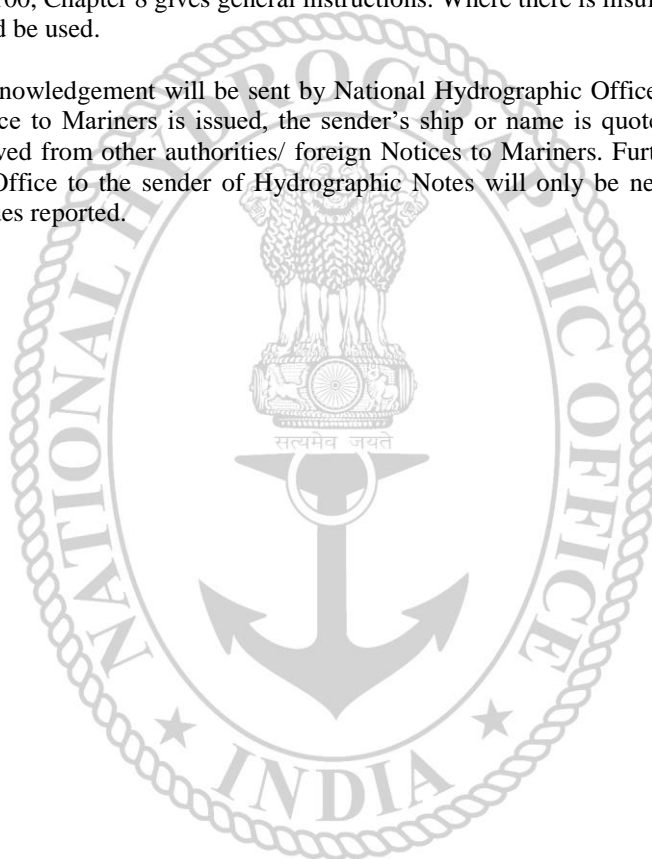
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

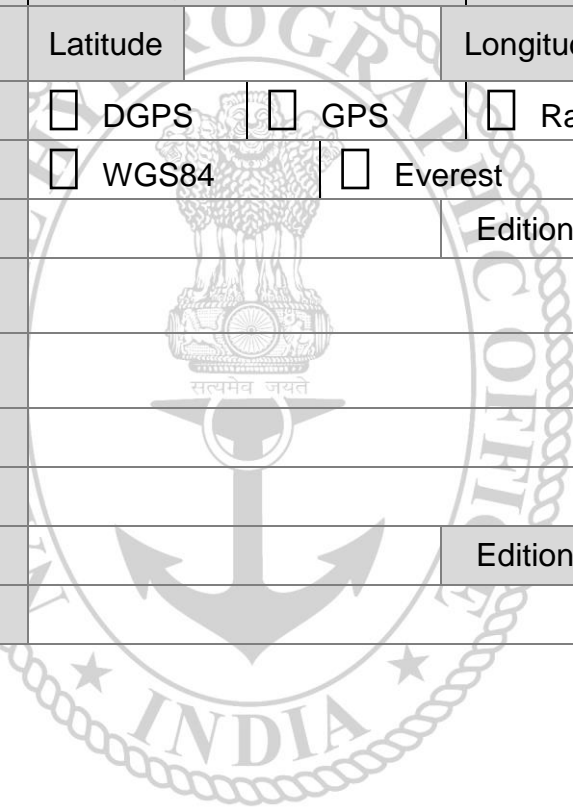
8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

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.



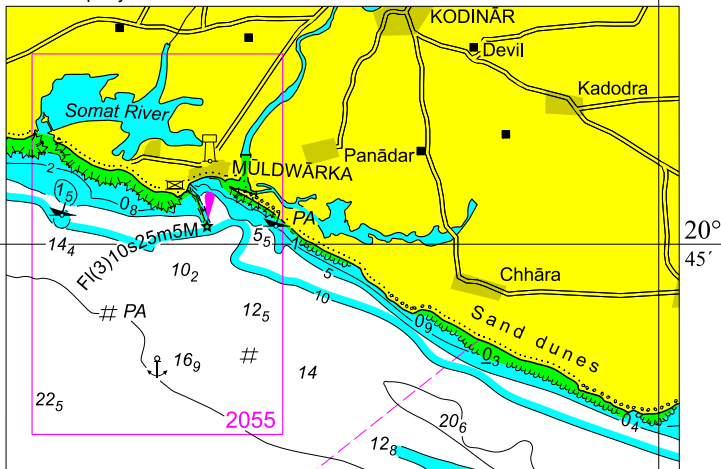
HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes 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			
<b>1. NAME OF PORT</b>			
Location	Latitude		Longitude
<b>2. GENERAL REMARKS</b>			
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)			
<b>3. ANCHORAGES</b>			
Type / Purpose			
Minimum depth at anchorage			
Shelter afforded			
Holding ground			
Recommended pilotage to the anchorage			
<b>4. PILOTAGE</b>			
Authority for request			
Embarkation position			
Regulations			
Documents to be provided			
Recommended pilotage to approach of Harbour and Berths			
Information on VTMS			
<b>5. DIRECTIONS</b>			
Entry and Berthing Information			
Tides (Height)			
Tidal Stream Information			
Wind Speed and Direction			
Navigational Aids (Beacons / Buoys / Lights / Etc.)			
<b>6. POLLUTION CONTROL</b>			
Local regulation in force (If Any)			
<b>7. TUGS</b>			
Number available / Tug type			
Maximum HP / Bollard pull			

<b>7. TUGS (Continued)</b>	
Requesting authority	
Availability timing / Communication	
Hiring charges	
<b>8. BERTHING AND WHARVES</b>	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
<b>9. CARGO HANDLING</b>	
Containers	
Lighters & Ro-Ro etc.	
<b>10. CRANES</b>	
Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	
Container handling facilities	
<b>11. BRIDGES</b>	
Vertical clearance	
<b>12. REPAIRS</b>	
Hull machinery and underwater	
Ship and Boat yards	
Docking or Slipway facilities (Size/ Dimensions of vessels handled)	
Hards and Ramps	
Divers / Diving assistance	
<b>13. SERVICES</b>	
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	

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

To accompany Indian Notices to Mariners No. 034/2024



Block correction for chart No. 206

70°45'E





**FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR**

**Email: [mrcc-west@indiancoastguard.nic.in](mailto:mrcc-west@indiancoastguard.nic.in)**

**NATION WIDE SAR TELE: 1554 (LAND LINE)**

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

**AFTN: VABBYXYC**