



INDIAN NOTICES TO MARINERS



EDITION NO. 23 DATED 01 DEC 2024

(CONTAINS NOTICES 147 TO 149)

REACH US 24 x 7



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

FEEDBACK: msis-inho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

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>
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 & 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>
IN2351AA	351	PARADIP TO PUSSE RIVER	27-NOV-2024
IN2357AA	357	POINT CALIMERE TO CHENNAI	26-NOV-2024
IN53007B	3007	NAGAPATTINAM ANCHORAGE	27-NOV-2024
IN53033B	3033	KARAIKAL ANCHORAGE	27-NOV-2024
IN63033R	3033	KARAIKAL PORT	27-NOV-2024
IN44207A	4207	ST. GEORGES CHANNEL	27-NOV-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>
IN2351AA	351	PARADIP TO PUSSE RIVER	09-FEB-2023
IN2357AA	357	POINT CALIMERE TO CHENNAI	09-AUG-2024
IN53007B	3007	NAGAPATTINAM ANCHORAGE	13-APR-2023
IN53033B	3033	KARAIKAL ANCHORAGE	13-APR-2023
IN63033R	3033	KARAIKAL PORT	12-APR-2023

VI

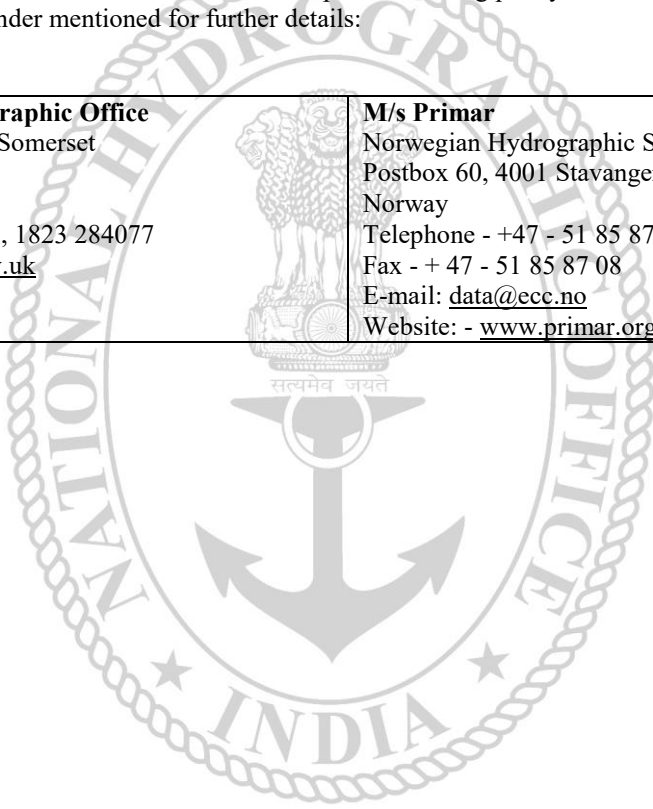
IN44207A	4207	ST. GEORGES CHANNEL	09-FEB-2022
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7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2001	MUMBAI DOCKS	10000	NEW EDITION
2049	DEVGARH HARBOUR	25000	NEW CHART
2123	ULWA CHANNEL	10000	NEW EDITION
4187	PULO MILLOW ANCHORAGE: MEROE ISLAND	25000	NEW CHART

Availability of ENCs

The complete folios of Official Indian ENCs are distributed worldwide through M/s IIC Technologies Limited, 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:

<p>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</p>		<p>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</p>
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SECTION – I

The list of charts affected by the Notices 147 to 149 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	149 (T)
22 (INT 752)	3	149 (T)
31 (INT 756)	5	147
204	2	149 (T)
207	2	149 (T)
210	3	149 (T)
211	3	149 (T)
252 (INT 7325)	2	149 (T)
253 (INT 7328)	2	149 (T)
254 (INT 7331)	3	149 (T)
255 (INT 7334)	3	149 (T)
256 (INT 7340)	3	149 (T)
271	2	149 (T)
291	2	149 (T)
292 (INT 7021)	2	149 (T)
293 (INT 7022)	3	149 (T)
351 (INT 7419)	5	147
357 (INT 7397)	5	148
3007	5	148
3033	5	148
7071 (INT 71)	1	149 (T)
7072 (INT 72)	1	149 (T)
7073 (INT 73)	1	149 (T)
7705 (INT 705)	1	149 (T)
7706 (INT 706)	1	149 (T)



SECTION – II**PERMANENT NOTICES*****147 (23/24) INDIA – EAST COAST – Paradip to Pussur River – Wreck.**

Source: BNHOC Notice 36/2024.

Chart 31 (INT 756) [previous update 141/24]

Substitute  for  centered on; 21° 42'·43N., 089° 29'·31E.

Chart 351 (INT 7419) [previous update 055/24]

Substitute  for  centered on; 21° 42'·43N., 089° 29'·31E.

***148 (23/24) INDIA – EAST COAST – Karaikal Anchorage; Karaikal Port – Limit, Legend.**

Source: Gazette of Puducherry.

Chart 357 (INT 7397) [previous update 105/24]

Delete limit of Port of Karaikal ————— joining; 10° 51'·88N., 079° 51'·17E.

10° 51'·88N., 079° 57'·42E.

10° 49'·91N., 079° 57'·42E.

10° 49'·91N., 079° 51'·20E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 50'·10N., 079° 55'·00E.

Insert limit of Port of Karaikal ————— joining; 10° 51'·98N., 079° 51'·13E.

10° 55'·51N., 079° 54'·98E.

10° 55'·51N., 080° 02'·89E.

10° 49'·78N., 080° 02'·89E.

10° 49'·78N., 079° 51'·09E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 55'·20N., 079° 58'·55E.

10° 50'·05N., 079° 58'·07E.

Chart 3007 [previous update 105/24]

Insert limit of Port of Karaikal ————— joining; 10° 49'·78N., 079° 51'·09E.

10° 49'·78N., 080° 01'·00E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 49'·82N., 079° 56'·10E.

Chart 3033 (Karaikal Anchorage) [previous update 105/24]

Delete limit of Port of Karaikal ————— joining; 10° 52'·00N., 079° 51'·13E.

10° 52'·00N., 079° 57'·38E.

10° 50'·00N., 079° 57'·38E.

10° 50'·00N., 079° 51'·15E.

***148 (23/24) INDIA – EAST COAST – Karaikal Anchorage; Karaikal Port – Limit, Legend (Continued).**

legend, “*Limit of Port of Karaikal*”, centered on; 10° 51′·98N., 079° 54′·90E.

10° 50′·83N., 079° 57′·36E.

10° 50′·02N., 079° 54′·79E.

Insert limit of Port of Karaikal ----- joining; 10° 51′·98N., 079° 51′·13E.

10° 53′·20N., 079° 52′·46E.

and

10° 49′·78N., 079° 57′·50E.

10° 49′·78N., 079° 51′·09E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 49′·80N., 079° 54′·94E.

10° 52′·77N., 079° 52′·07E.

Chart 3033 (Karaikal Port) [previous update 105/24]

Delete limit of Port of Karaikal ----- joining; 10° 52′·00N., 079° 51′·13E.

10° 52′·00N., 079° 54′·60E.

and

10° 50′·00N., 079° 51′·15E.

10° 50′·00N., 079° 54′·60E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 50′·01N., 079° 52′·86E.

10° 51′·98N., 079° 52′·68E.

Insert limit of Port of Karaikal ----- joining; 10° 51′·98N., 079° 51′·13E.

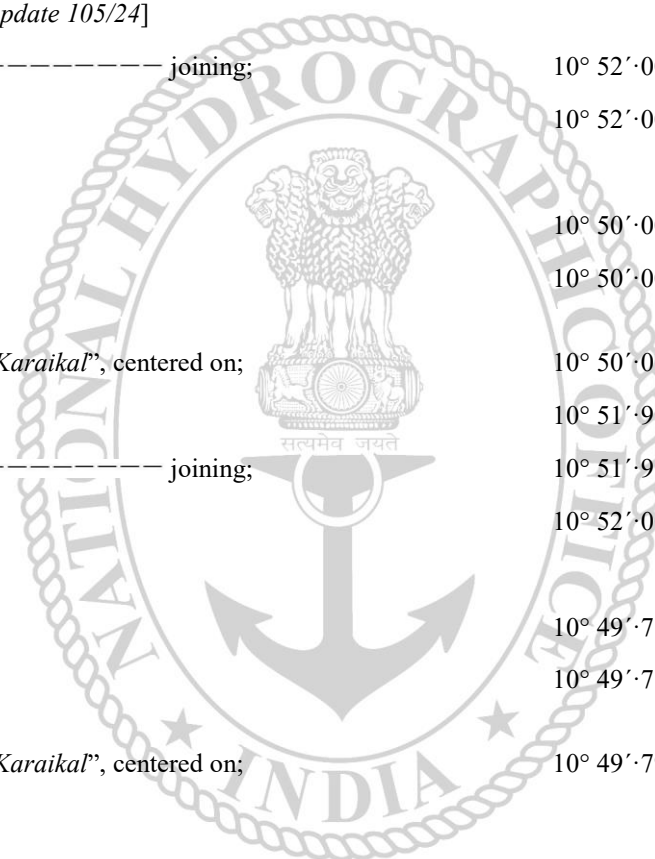
10° 52′·00N., 079° 51′·15E.

and

10° 49′·78N., 079° 54′·60E.

10° 49′·78N., 079° 51′·09E.

legend, “*Limit of Port of Karaikal*”, centered on; 10° 49′·79N., 079° 52′·86E.



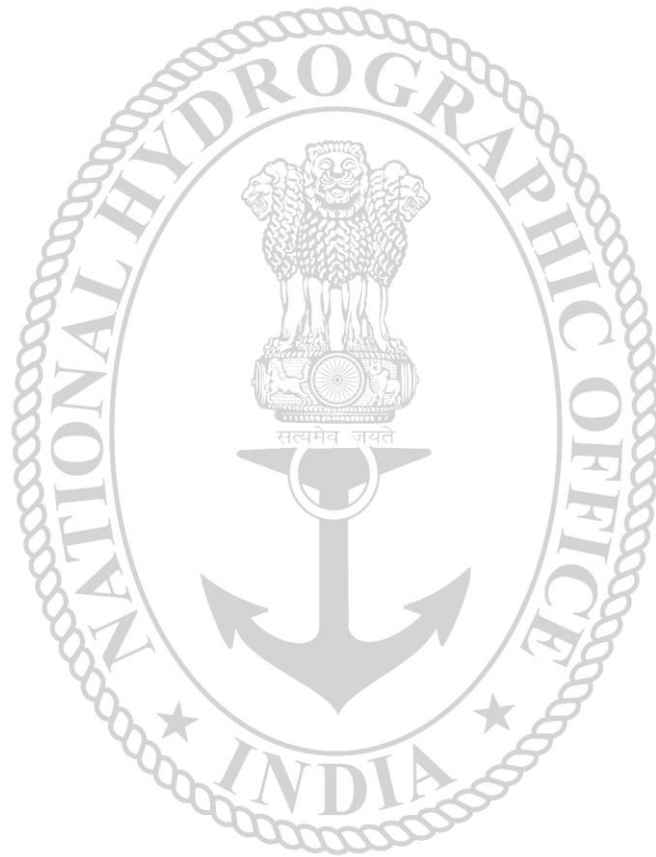
Section – III**TEMPORARY AND PRELIMINARY NOTICES**

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.

*149 (T) (23/24)	INDIA – WEST COAST – Arabian Sea – Oil Rigs.
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows: -	
Rig Name	Position
Aban IV	18° 39'.66N., 072°13'.33E.
Sagar Jyoti	20° 39'.28N., 071° 43'.43E.
Sagar Ratna	19° 24'.81N., 071° 59'.51E.
Compact Driller	19° 18'.78N., 072° 01'.55E.
Sagar Vijay	19° 19'.99N., 070°02'.54E.
Sagar Bhushan	19° 18'.80N., 069° 56'.47E.
Jindal Explorer	19° 56'.52N., 072° 15'.93E
Admarine 9	19° 19'.83N., 071° 15'.33E.
Trident 12	19° 41'.32N., 071° 36'.61E.
Admarine 10	18° 58'.31N., 071° 47'.57E.
Foresight Driller IX	20° 14'.88N., 071° 57'.77E.
Aban III	18° 18'.63N., 072°21'.81E.
Great Drill Chaaya	20° 13'.31N., 071° 54'.79E.
Victory Driller	19° 25'.17N., 071° 21'.01E.
Aban VIII	19° 42'.20N., 071° 40'.94E.
Key Singapore	18° 29'.86N., 072° 15'.01E
Virtue 1	19° 19'.57N., 071° 01'.61E.
Sagar Kiran	19° 07'.27N., 071° 08'.54E.
Jindal Supreme	19° 04'.20N., 071° 06'.11E
FG MC Clinttok	18° 30'.06N., 072° 15'.95E.
Great Drill Chauru	18° 35'.99N., 071° 00'.22E.
Admarine 11	18° 38'.27N., 072° 14'.04E.
CE Thornton	19° 36'.99N., 071° 50'.14E.
Discovery 1	20° 21'.56N., 072° 01'.43E.
Divine Driller	20° 20'.04N., 072° 07'.55E.
Great Drill Chetna	20° 35'.64N., 072° 08'.03E.
Great Drill Chitra	19° 21'.46N., 071° 50'.13E.
Jindal Star	18° 58'.43N., 071° 37'.44E.
JT Angel	19° 33'.54N., 071° 23'.22E
Parameswara	19° 26'.11N., 071° 24'.16E
Ron Tappmeyer	18° 08'.49N., 072° 22'.07E.
Sagar Uday	19° 22'.86N., 071° 27'.69E.
Sagar Samrat	18° 58'.43N., 071° 37'.44E.
Sagar Gaurav	20° 20'.14N., 072° 05'.30E.
Trident 2	19° 38'.92N., 071° 20'.92E.

3.2

Vivekananda 1	19° 15'.95N., 072° 06'.05E.
Vivekananda 2	19° 18'.32N., 071° 22'.76E.
Armada Sterling I	18° 35'.24N., 071° 02'.08E.
Armada Sterling II	19° 10'.50N., 070° 56'.70E.
DS Fossil	19° 23'.19N., 071° 17'.41E.
DS Fortune	19° 29'.91N., 071° 24'.65E.
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	
Charts Affected – 21 – 22 (INT 752) – 204 – 207 – 210 – 211 – 252 (INT 7325) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 271 – 291 – 292 (INT 7021) – 293 (INT 7022) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7705 (INT 705) – 7706 (INT 706).	
Former INTM 142 (T)/24 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

NAVTEX stations along the Indian coast:-

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>M/s OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 011- 46557337 Mob: +91 9971093992 Email: rpani246@gmail.com</p>	<p>M/s Lift o Marine Allens Mansion, C6, Nungi Station Road, Batanagar, Kolkata – 700 140 Tel/Fax: +91 33 24924283, +91 9836972027 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. Sunderlal Bahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: +91-22-22626318, 22626380 Fax: +91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015, Odisha Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, +91 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.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 L. R. Marine Services 301, 3rd Floor, Biryra House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Mob: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>	<p>M/s 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 JM Maritime Services 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: +91 22 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani's Plam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com, nyvmane@yahoo.com Web: www.zenithsurvey.com</p>
<p>M/s VDO Marine Instruments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682003 Tel: +91 4842667157 Fax: +91 4842667121 Email: atmain@md4.bsnl.net.in Web: www.atmain.in</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 22660525/ +91 22 22661937 Cell No: +91 7506097212 Email: sales@emarinet.net Web: www.emarinet.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 Dec 24: -

2023 SERIES - 161 178 386 455 484 574 703 733 741 748 750 929 1046 1057
2024 SERIES - 180 188 215 317 465 481 499 539 550 551 584 587 600 604 640 669 691 707 709 778 791 812 817 831 843 847 877 893 900 901 920 924 926 929 931 936 947 948 951 955 958 965 966 969 970 974 977 982 986 987 988 989 991 992 996 1002 1004 1008 1012 1015 1016 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030

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

994. India West Coast - off Trivandrum. Charts IN 22 222 260 261 INT 752. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled from 200530 to 200700 UTC Nov 24. Danger sector from launcher (a) Radius of 05 Nm between azimuth 190 and 300 (b) Between radii of 45 Nm and 75 Nm and azimuth 220 and 260. Wide berth from area advised. 2. Cancel this MSG 200800 UTC Nov 24.
995. India West Coast. Charts IN 22 293 294 INT 752. Hydrographic survey being carried out in areas bounded within (a) 14-30N to 15-00N and 072-30E to 073-00E (b) 16-55N to 17-25N and 071-00E to 071-30E (c) 16-15N to 16-45N and 071-15E to 071-45E. Wide berth requested. 2. Cancel this MSG 281830 UTC Nov 24.
996. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Aqua float with triton energy progressing survey in vicinity of 18-29.84N 072-14.66E, 18-29.95N 072-13.46E, 18-29.56N 072-14.58E, 18-30.54N 072-14.09E, 18-32.72N 072-13.89E, 18-32.89N 072-14.56E, 18-33.68N 072-14.89E, 18-34.48N 072-14.26E, 18-34.95N 072-14.41E, 18-34.01N 072-14.92E . Wide berth requested. 2. Cancel this MSG 051830 UTC Dec 24.
997. Cancel NAVAREA VIII MSG 134/22, 237/22, 519/22, 822/24, 856/24, 868/24, 890/24, 902/24, 910/24, 928/24, 938/24 and this MSG. INTM 142(T), 144 (T) OF 22/24 refers.
998. India West Coast. Charts IN 217 258 2003 INT 7348. Kasaragod LT (12-30.32N 074-58.39E) inoperative.
999. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Victory driller (19-25.17N 071-21.01E). Refer to 113(T) of INTM 17/24. Wide berth requested.
1000. India West Coast - Mormugao. Charts IN 214 257 2022 INT 7343. Firing scheduled from 220330 to 220730 UTC Nov 24 in danger area bounded within 15-15.50N to 15-25.00N and 073-37.00E to 073-47.33E. Wide berth from area advised. 2. Cancel this MSG 220830 UTC Nov 24.
1001. India West Coast - off Kochi. Charts IN 22 220 259 INT 7356. SAR exercise scheduled 22, 23, 25, 26 and 29 Nov 24 from 0130 to 0830 UTC in area bounded by 09-55.75N 076-02.24E, 09-55.75N 076-10.60E, 09-52.80N 076-10.60E, 09-52.80N 076-03.15E. Mariners to exercise caution. 2. Cancel this MSG 290930 UTC Nov 24.
1002. India West Coast - off Mormugao. Charts IN 214 257 2022 INT 7345. Hydrographic survey being carried out from 19 to 21 and 23 Nov to 02 Dec 24 in area bounded by 15-33N 073-45.35E, 15-33N 073-22E, 15-16.20N 073-22E, 15-16.20N 073-55E, 15-22.50N 073-52.45E, 15-22.50N 073-51E, 15-18.70N 073-51E, 15-18.70N 073-42E, 15-32N 073-42E, 15-32N 073-45.52E. Wide berth requested. 2. Cancel this MSG 021830 UTC Dec 24.
1003. India West Coast - off Mormugao. Charts IN 22 214 293 INT 7022. Subsurface firing scheduled from 201230 to 201730 UTC Nov 24 in danger area bounded by 15-08N 072-48E, 15-21N 072-44E, 15-28N 072-51E, 15-16N 072-55E. Wide berth from area advised. 2. Cancel this MSG 201830 UTC Nov 24.
1004. India East Coast - off Puri. Charts IN 31 304 352 INT 7416. Naval exercise scheduled 28 Nov to 04 Dec 24 from 0230 to 0630 UTC and 0930 to 1330 UTC in danger area bounded by 19-42.90N 085-34.90E, 19-52.50N 086-04.80E, 19-38.50N 086-10.50E, 19-28.90N 085-40.50E. Wide berth from area advised.

<p>1004. Continued. 2. Cancel this MSG 041430 UTC Dec 24.</p>
<p>1005. Bay of Bengal - off Bangladesh. Charts IN 31 BA 90 817 INT 756. Firing by Bangladesh Navy scheduled in danger areas bounded by (a) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E from 261600 to 261755 UTC Nov 24 (b) 20-22N 091-06E, 20-46.5N 091-31E, 20-24N 091-59E, 20-00N 091-36E from 270200 to 270500 UTC Nov 24. Wide berth from area advised. 2. Cancel this MSG 270600 UTC Nov 24.</p>
<p>1006. India West Coast - off Mumbai. Charts IN 21 211 255 INT 7334. CS Etisalat will carry out cable repairs from 23 TO 25 Nov 24 in area bounded by 19-08.16N 072-48.55E, 19-06.45N 072-46.44E, 19-05.87N 072-46.18E, 19-05.07N 072-46.00E, 19-02.62N 072-40.96E, 19-00.99N 072-40.20E, 19-00.63N 072-41.26E, 19-02.15N 072-41.96E, 19-04.35N 072-46.82E, 19-05.50N 072-47.24E, 19-05.79N 072-47.34E, 19-07.38N 072-49.37E. Wide berth requested. 2. Cancel this MSG 251830 UTC Nov 24.</p>
<p>1007. Cancel NAVAREA VIII MSG 998/24 and this MSG. 1008. India West Coast - off Malwan. Charts IN 22 213 293 INT 7022. Fishing vessel reported sunk in approximate position 16-00N 072-52.5E AT 211355 UTC Nov 24. Mariners to keep sharp lookout for eight missing crew/debris and render necessary assistance.</p>
<p>1009. India East Coast - Chennai. Charts IN 33 313 356 3001 INT 7400. Firing scheduled from 260830 to 260930 UTC Nov 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 261030 UTC Nov 24.</p>
<p>1010. NAVAREA VIII - Warnings in force as on 22 Nov 2024 2023 Series - 161 178 386 455 484 574 703 733 741 748 750 929 1046 1057 2024 Series - 180 188 215 317 465 481 499 539 550 551 584 587 600 604 640 669 691 707 709 778 791 812 817 831 843 847 877 893 900 901 917 920 924 925 926 929 931 934 936 947 948 951 955 958 965 966 969 970 973 974 977 978 982 985 986 987 988 989 991 992 995 996 999 1001 1002 1004 1005 1006 1008 1009 (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 www.hydrobharat.gov.in 2. Cancel this MSG 291000 UTC Nov 24.</p>
<p>1011. India west Coast - off Mumbai. Charts IN 22 293 INT 7022. Subsurface firing scheduled from 251030 to 261500 UTC Nov 24 in danger area bounded within 17-45N to 17-50N and 070-35E to 070-40E. Wide berth from area advised. 2. Cancel this MSG 261600 UTC Nov 24.</p>
<p>1012. Arabian Sea. Charts IN 21 7705 INT 705. SW Thuridur, Bhadra 1, Uxmal fortune and Surya 9 progressing seismic survey in area bounded by 19-01.47N 067-29.70E, 17-38.52N 069-33.08E, 15-21.58N 070-00.77E, 14-43.96N 069-45.33E, 12-23.52N 068-27.34E, 11-58.30N 067-58.41E, 11-57.44N 067-43.54E, 18-18.00N 065-55.00E, 19-44.00N 066-35.00E, 19-48.06N 067-23.53E. Wide berth of 07 Nm requested. 2. Cancel this MSG 211830 UTC Dec 24.</p>
<p>1013. Bay of Bengal and Indian Ocean. Charts IN 7071 7706 INT 71. Experimental flight trials scheduled 27 and 30 Nov 24 from 0430 to 0830 UTC in danger areas bounded by (a) 17-31.55N 083-23.65E, 14-46.67N 082-52.23E, 02-18.38N 086-30.75E, 03-52.42N 090-58.65E, 15-50.35N 085-52.92E, 17-36.80N 083-38.52E (b) 05-12.05S 088-16.53E, 13-35.93S 090-04.20E, 10-48.23S 098-05.85E, 03-05.80S 094-10.83E. Wide berth from area advised. 2. Cancel this MSG 300930 UTC Nov 24.</p>
<p>1014. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 270430 to 271030 UTC Nov 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 271130 UTC Nov 24.</p>
<p>1015. India West Coast - off Mumbai. Charts IN 21 207 254 INT 7331. Vallianz Pegasus progressing survey in vicinity of 20-36.05N 072-02.17E, 20-36.01N 072-02.16E, 20-36.02N 072-02.23E, 20-44.77N 071-55.57E, 20-32.77N 071-58.47E, 20-37.74N 072-04.06E, 20-34.58N 072-00.14E. Wide berth requested. 2. Cancel this MSG 201830 UTC Dec 24.</p>
<p>1016. India West Coast - off Mumbai. Charts IN 211 255 292 INT 7334. PFS Supplier, MT Torque, MT dolphin V, DB Marine I and DBA I Akash I progressing cable laying operations in area bounded by 19-07.69N 072-48.86E, 19-02.06N 072-35.87E, 19-01.76N 072-33.05E, 19-02.05N 072-33.02E, 19-07.72N 072-47.46E, 19-07.99N 072-48.64E . Wide berth requested. 2. Cancel this MSG 141830 UTC Dec 24.</p>
<p>1017. Lakshadweep Sea - off Kavaratti I. Charts IN 22 268 273 INT 7353. Firing scheduled from 290130 to 290730 UTC Nov 24 in danger area bounded within 10-15N to 10-30N and 072-40E to 072-55E. Wide berth from area advised. 2. Cancel this MSG 290830 UTC Nov 24.</p>
<p>1018. Cancel NAVAREA VIII MSG 985/24, 1013/24 and this MSG.</p>

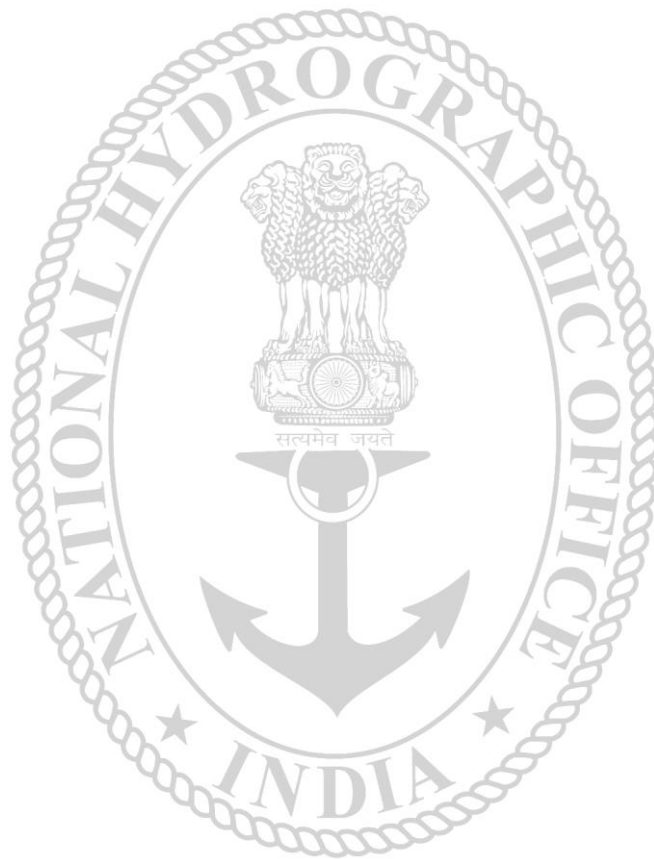
<p>1019. India East Coast - off Balasore. Charts IN 31 301 351 INT 7419. Experimental flight trials scheduled 28 to 30 Nov 24 and 02 to 03 Dec 24 from 0330 to 1130 UTC in danger area bounded by (a) 20-57N 086-54E (b) 21-13N 087-23E (c) 21-31N 087-42E (d) 21-41N 087-45E. Danger area extending up to coastline joining point A and D. Wide berth from area advised.</p> <p>2. Cancel this MSG 031230 UTC Dec 24.</p>
<p>1020. Bay of Bengal - off Bangladesh. Charts IN 31 BA 90 817 INT 756. Firing by Bangladesh Navy scheduled 01 to 31 Dec 24 (excluding Fridays and Saturdays) 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.</p> <p>2. Cancel this MSG 311700 UTC Dec 24.</p>
<p>1021. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Seamec princess will carry out pipeline survey from 01 to 31 Dec 24 in vicinity of 19-34.39N 071-21.75E, 19-35.20N 071-19.43E, 18-42.56N 072-20.41E, 18-43.49N 072-20.30E, 18-33.76N 072-17.63E, 18-34.16N 072-13.44E, 18-34.96N 072-14.44E, 18-16.45N 072-22.79E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC Dec 24.</p>
<p>1022. India East Coast - off Nagapattinam. CHARTS IN 32 317 358 INT 7394. Kalamman Thunai will carry out survey from 01 Dec 24 to 31 Jan 25 in areas bounded by (a) 10-43.95N 079-51.24E, 10-43.74N 080-07.65E, 10-50.81N 080-07.40E, 10-50.69N 079-51.20E (b) 11-11.41N 079-51.35E, 11-07.16N 079-51.63E, 11-07.27N 080-00.79E, 11-15.04N 080-00.84E, 11-14.88N 079-50.93E. Wide berth of 02 Nm requested.</p> <p>2. Cancel this MSG 311830 UTC Jan 25.</p>
<p>1023. Bay of Bengal and Indian Ocean - Sriharikota. Charts IN 32 356 7071 7707 INT 71. Rocket launch from 13-44N 080-14.1E scheduled from 03 to 05 Dec 24 between 0900 to 1300 UTC.</p> <p>2. Danger zone as follows Zone-1: circle of 10 Nm around launcher. Zone-2: Danger sector from launcher between radii of 25 Nm and 80 Nm and azimuth 124 and 144. Zone-3: Danger area bounded by 12-00N 081-40E, 12-20N 082-00E, 10-10N 084-00E, 09-50N 083-40E. Zone-4: Danger area bounded by 07-10N 085-25E, 07-40N 085-55E, 06-40N 086-35E, 06-10N 086-05E. Zone-5: Danger area bounded by 04-00S 091-50E, 03-00S 093-00E, 05-00S 094-10E, 06-00S 093-00E. Zone-6: Danger area bounded by 23-00S 119-30W, 25-00S 117-30W, 06-00S 105-30W, 04-00S 107-30W.</p> <p>3. Wide berth from area advised. 4. Cancel this MSG 051400 UTC Dec 24.</p>
<p>1024. India East Coast - Nizampatnam. Charts IN 31 355 391 INT 7405. Firing by IAF aircraft scheduled 02 to 14 Dec 24 from 0030 to 1630 UTC in danger sector extending upto 54 Nm between azimuth 100 and 210 from 15-50.50N 080-29.50E. Wide berth from area advised.</p> <p>2. Cancel this MSG 141730 UTC Dec 24.</p>
<p>1025. Andaman Sea - off Middle Andaman I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled 03, 10, 17 and 24 Dec 24 from 0830 to 1030 UTC in danger area bounded within 12-50N to 13-00N and 093-40E to 094-10E. Wide berth from area advised.</p> <p>2. Cancel this MSG 241130 UTC Dec 24.</p>
<p>1026. Southern Indian Ocean. Charts IN 7070 7073 INT 73. Rocket debris predicted from 03 Dec 24 to 02 Jan 25 between 2329 UTC and extending up to 0045 UTC on next day in danger area bounded by 09-47S 091-42E, 09-59S 092-40E, 29-05S 088-17E, 28-52S 087-12E. Wide berth from area advised.</p> <p>2. Cancel this MSG 030145 UTC Jan 25.</p>
<p>1027. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. GD Chaaya (19-01.91N 072-07.29E), Victory driller (20-42.68N 071-38.10E). Refer to 142(T) of INTM 22/24. Wide berth requested.</p>
<p>1028. NAVAREA VIII - Warnings in force as on 29 Nov 2024 2023 Series - 161 178 386 455 484 574 703 733 741 748 750 929 1046 1057 2024 Series - 180 188 215 317 465 481 499 539 550 551 584 587 600 604 640 669 691 707 709 778 791 812 817 831 843 847 877 893 900 901 920 924 926 929 931 936 947 948 951 955 958 965 966 969 970 974 977 982 986 987 988 989 991 992 996 1002 1004 1008 1012 1015 1016 1019 1020 1021 1022 1023 1024 1025 1026 1027 (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</p> <p>2. Cancel this MSG 061000 UTC Dec 24.</p>
<p>1029. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Wilchief 1, IVY and DHP Shivalik progressing survey in vicinity of 18-29.84N 072-14.66E, 18-29.95N 072-13.46E, 18-29.56N 072-14.58E, 18-30.54N 072-14.09E, 18-32.72N 072-13.89E, 18-32.89N 072-14.56E, 18-33.68N 072-14.89E, 18-34.48N 072-14.26E, 18-34.95N 072-14.41E, 18-34.01N 072-14.92E. Wide berth requested.</p>

1029. Continued.

2. Cancel this MSG 051830 UTC Dec 24.

1030. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Iron Tug and Leighton eclipse progressing survey in vicinity of 18-29.84N 072-14.66E, 18-29.95N 072-13.46E, 18-29.56N 072-14.58E, 18-30.54N 072-14.09E, 18-32.72N 072-13.89E, 18-32.89N 072-14.56E, 18-33.68N 072-14.89E, 18-34.48N 072-14.26E, 18-34.95N 072-14.41E, 18-34.01N 072-14.92E. Wide berth requested.

2. Cancel this MSG 131830 UTC Dec 24.



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
D7298-33	Jaza ir Sila	27 39.13 N 35 16.77 E	Fl W 12s	15	12	..	Unreliable (T) 2024
-	-	..	Racon	..	..	..	ILRS Vol 2 Station 75750 *
D7414	- Jazirat al Jarim. Approach Channel	26 23.55 N 50 27.89 E	Fl Y 5s	..	..	Red pile beacon	.. *
D7414-1	- Jazirat al Jarim. Approach Channel S	26 23.31 N 50 27.92 E	Fl Y 5s	..	..	Red pile beacon	.. *
D7710	Remove from list; deleted						
D7758-02	- Ahsan Channel. No 7	24 36.41 N 67 05.27 E	Fl G 7s	10	4	Black metal pipe, green top with platform	Damaged, not visible at high tide (T) 2024 *
F0378	- Pirotan Island. 1.4M NE (Mawadi Point)	22 37.23 N 69 58.28 E	Fl R 10s	5	5	White pyramidal concrete tower, red bands 8	<i>fl 1</i> *
F0389	- Port of Okha. Samiyani Island. N	22 29.50 N 69 05.47 E	Fl G 3s	12	5	White masonry tower, black bands 10	<i>fl 0.5</i> *

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

(Last correction: Edition No. 14 dated 16 July 2024)

NIL

INP 31(2), 2019

(Last correction: Edition No. 19 dated 01 Oct 2024)

NIL

INP 31(5), 2021

(Last correction: Edition No. 13 dated 01 July 2024)

NIL

INP 31(6), 2023

(Last correction: Edition No. 19 dated 01 Oct 2024)

PAGE 78, INDIA, NEW MANGALORE, CONTACT DETAILS, Port Authority

Delete and replace by:

Port Authority

Telephone: +91(0) 824 2407419

Fax: +91(0) 824 2407419

Email: dyconservator@nmpt.gov.in

Website: www.newmangaloreport.gov.in

PAGE 78, INDIA, NEW MANGALORE, Procedure section, para 5(a)

Delete and replace by:

(a) Deep Draught Vessels: 12°55'.95N 74°44'.16E

SECTION – IX
CORRECTIONS TO MISCELLANEOUS NAUTICAL PUBLICATIONS

NIL

SECTION – X

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@nic.in, incho-navy@nic.in
Fax No. : +91-135- 2748373
Web : www.hydrobharat.gov.in

Instructions for filling up IH 102

2. Kindly follow the instructions below in order to help the Hydrographic Office (the recipient) to quickly issue NAVAREA warning / Notice to Mariners for the benefit of all other mariners at sea.

Position Reporting

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

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

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

Depth Reporting

6. When soundings are obtained using echo sounders, the echo sounding trace should be duly annotated with date, times, position, depths, etc., and forwarded with the IH102. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name and type of echo sounder should also be given.

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

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

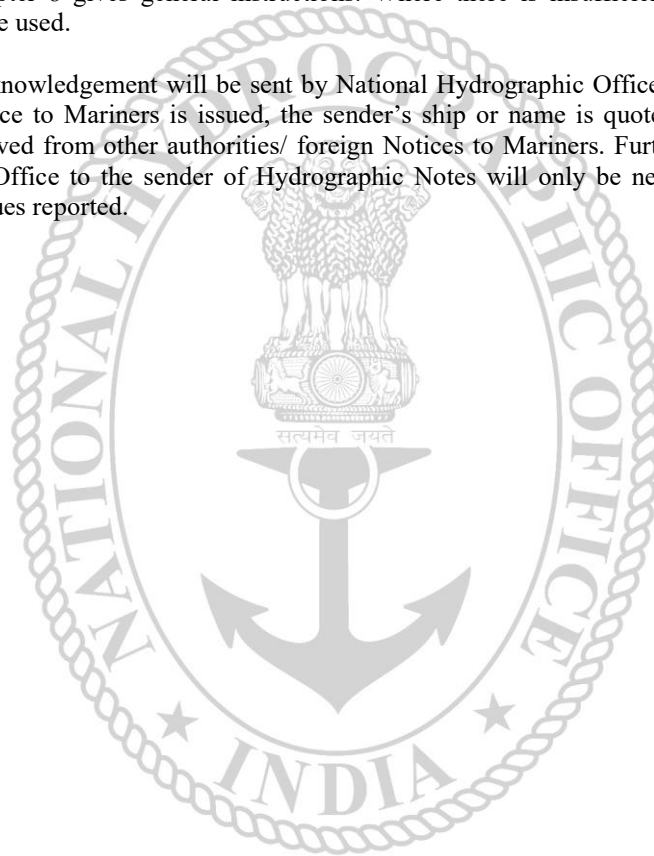
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

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

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

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

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



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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC