

INDIAN NOTICES TO MARINERS



EDITION NO. 04 DATED 16 FEB 2024

(CONTAINS NOTICES 045 TO 049)

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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH 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_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>
<i>Nil</i>					

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>
<i>Nil</i>					

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>
<i>Nil</i>				

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>
<i>Nil</i>			

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>
<i>Nil</i>			

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>
<i>Nil</i>			

7. The forthcoming Indian Charts are as follows:-

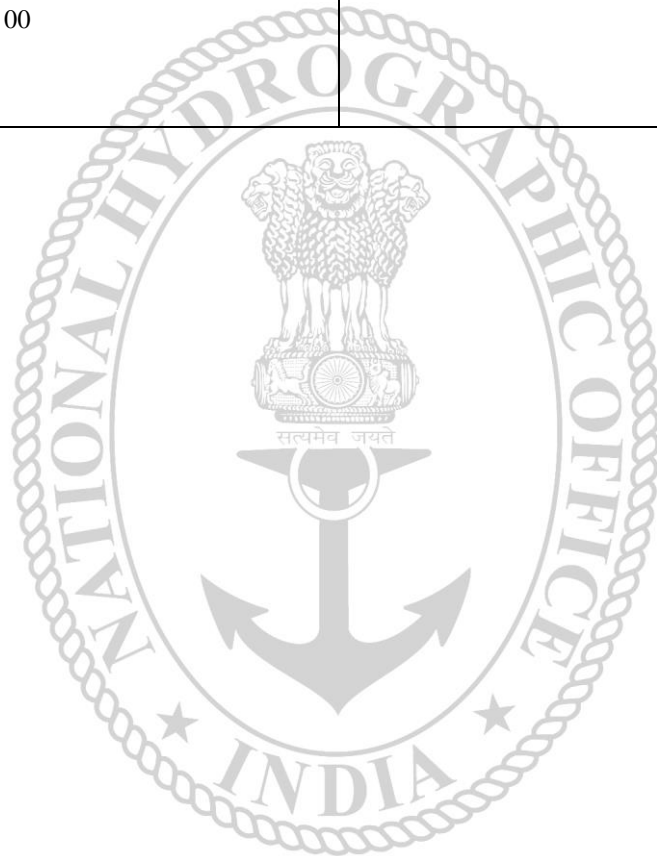
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2083 (INT 7339)	APPROACHES TO SIKKA	37500	NEW CHART
291	GWADAR TO DWARKA	750000	NEW EDITION

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:

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



SECTION – I

The list of charts affected by the Notices 045 to 049 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	046 (T), 049 (T)
22 (INT 752)	3	046 (T)
31 (INT 756)	5	047 (T), 049 (T)
32 (INT 754)	5	047 (T), 049 (T)
33 (INT 755)	5	049 (T)
41 (INT 757)	6	048 (T), 049 (T)
202	2	046 (T)
207	2	046 (T)
209	3	046 (T)
210	3	046 (T)
211	3	046 (T)
222	4	045
223	4	045
251 (INT 7318)	2	046 (T)
253 (INT 7328)	2	046 (T)
254 (INT 7331)	3	046 (T)
255 (INT 7334)	3	046 (T)
256 (INT 7340)	3	046 (T)
271	2	046 (T)
291	2	046 (T), 049 (T)
292 (INT 7021)	2	046 (T)
293 (INT 7022)	3	046 (T)
315	5	049 (T)
316	5	049 (T)
352 (INT 7416)	5	047 (T)
353 (INT 7413)	5	047 (T)
354 (INT 7408)	5	047 (T)
355 (INT 7405)	5	047 (T)
358 (INT 7394)	5	049 (T)
391	5	047 (T)
2012	4	045
2101 (INT 7347)	3	046 (T)
2111	4	045
7070 (INT 70)	1	049 (T)
7071 (INT 71)	1	047 (T), 049 (T)
7072 (INT 72)	1	049 (T)
7073 (INT 73)	1	047 (T), 049 (T)
7508 (INT 508)	1	049 (T)
7701 (INT 701)	1	049 (T)
7702 (INT 702)	1	049 (T)
7703 (INT 703)	1	049 (T)
7705 (INT 705)	1	046 (T), 049 (T)
7706 (INT 706)	1	046 (T), 047 (T), 049 (T)
7707 (INT 707)	1	049 (T)
7708 (INT 708)	1	049 (T)

SECTION – II**PERMANENT NOTICES*****045 (04/24) INDIA – WEST COAST – Vizhinjam Harbour – Limit, Legend.**

Source: Government of Kerala Gazette & Adani Vizhinjam Port Pvt Ltd.

Chart 222 [previous update 168/20]

Delete	limit of Port of Vizhinjam ----- joining;	08° 23′.99N., 076° 58′.32E. 08° 23′.99N., 076° 57′.49E. 08° 20′.00N., 076° 57′.49E. 08° 20′.00N., 077° 02′.65E.
	legend, “ <i>Limit of Port of Vizhinjam</i> ”, centered on;	08° 20′.12N., 076° 58′.75E.
Insert	limit of Port of Vizhinjam International Deepwater Multipurpose Seaport ----- joining;	08° 21′.35N., 077° 00′.66E. 08° 19′.53N., 077° 02′.17E. 08° 14′.78N., 077° 02′.15E. 08° 12′.93N., 077° 00′.40E. 08° 17′.13N., 076° 55′.90E. 08° 19′.05N., 076° 57′.60E. 08° 22′.13N., 076° 59′.37E. 08° 22′.55N., 076° 59′.78E.
	legend, “ <i>limit of Port of Vizhinjam International Deepwater Multipurpose Seaport</i> ”, centered on;	08° 19′.61N., 076° 58′.06E. 08° 16′.48N., 076° 56′.94E. 08° 17′.50N., 077° 01′.99E.
		and
Insert	limit of Port of Kovalam-Vizhinjam ----- joining;	08° 24′.27N., 076° 58′.23E. 08° 24′.00N., 076° 57′.50E. 08° 20′.85N., 076° 55′.68E. 08° 19′.05N., 076° 57′.60E. 08° 22′.13N., 076° 59′.37E. 08° 22′.55N., 076° 59′.78E.
	legend, “ <i>limit of Port of Kovalam-Vizhinjam</i> ”, centered on;	08° 22′.41N., 076° 56′.78E. 08° 20′.11N., 076° 56′.73E. 08° 20′.77N., 076° 58′.41E.

045 (04/24) INDIA – WEST COAST – Vizhinjam Harbour – Limit, Legend (Continued).*Chart 223** [previous update 168/23]

Delete	limit of Port of Vizhinjam ----- joining;	08° 20′·00N., 077° 02′·65E. 08° 20′·00N., 076° 58′·00E.
	legend, “ <i>Limit of Port of Vizhinjam</i> ”, centered on;	08° 20′·11N., 076° 59′·23E.
Insert	limit of Port of Vizhinjam International Deepwater Multipurpose Seaport ----- joining;	08° 21′·35N., 077° 00′·66E. 08° 19′·53N., 077° 02′·17E. 08° 14′·78N., 077° 02′·15E. 08° 12′·93N., 077° 00′·40E. 08° 15′·17N., 076° 58′·00E.
		and
	legend, “ <i>Limit of Port of Vizhinjam International Deepwater Multipurpose Seaport</i> ”, centered on;	08° 20′·15N., 076° 58′·00E. 08° 22′·13N., 076° 59′·36E. 08° 22′·55N., 076° 59′·78E.
Insert	limit of Port of Kovalam-Vizhinjam ----- joining;	08° 20′·89N., 076° 59′·00E. 08° 17′·22N., 077° 02′·08E.
		and
	legend, “ <i>limit of Port of Kovalam-Vizhinjam</i> ”, centered on;	08° 24′·27N., 076° 58′·23E. 08° 24′·18N., 076° 58′·00E.
		and
		08° 22′·55N., 076° 59′·78E. 08° 22′·13N., 076° 59′·36E. 08° 20′·15N., 076° 58′·00E. 08° 21′·17N., 076° 58′·66E.

Chart 2012 [previous update 188/23]

Delete	limit of Port of Vizhinjam ----- joining;	08° 20′·00N., 077° 02′·70E. 08° 20′·00N., 076° 57′·49E. 08° 23′·99N., 076° 57′·49E. 08° 23′·99N., 076° 58′·32E.
	legend, “ <i>Limit of Port of Vizhinjam</i> ”, centered on;	08° 22′·23N., 076° 57′·52E. 08° 23′·96N., 076° 57′·84E. 08° 20′·03N., 076° 59′·68E.
Insert	limit of Port of Vizhinjam International Deepwater Multipurpose Seaport ----- joining;	08° 21′·35N., 077° 00′·66E.

***045 (04/24) INDIA – WEST COAST – Vizhinjam Harbour – Limit, Legend (Continued).**

		08° 19′.53N., 077° 02′.17E.
		08° 19′.00N., 077° 02′.17E.
		and
		08° 19′.00N., 076° 57′.56E.
		08° 19′.05N., 076° 57′.60E.
		08° 22′.14N., 076° 59′.37E.
		08° 22′.55N., 076° 59′.78E.
	legend, “ <i>Limit of Port of Vizhinjam International Deepwater Multipurpose Seaport</i> ”, centered on;	08° 20′.63N., 077° 01′.21E.
		08° 21′.50N., 076° 59′.00E.
		and
Insert	limit of Port of Kovalam-Vizhinjam ----- joining;	08° 24′.27N., 076° 58′.23E.
		08° 24′.00N., 076° 57′.50E.
		08° 20′.85N., 076° 55′.68E.
		08° 19′.05N., 076° 57′.60E.
		08° 22′.13N., 076° 59′.37E.
		08° 22′.55N., 076° 59′.78E.
	legend, “ <i>limit of Port of Kovalam-Vizhinjam</i> ”, centered on;	08° 22′.45N., 076° 56′.64E.
		08° 20′.15N., 076° 56′.46E.
		08° 21′.55N., 076° 59′.00E.
Chart 2111 [previous update 034/15]		
Delete	limit of Port of Vizhinjam ----- joining;	08° 23′.60N., 076° 57′.50E.
		08° 21′.70N., 076° 57′.50E.
	legend, “ <i>Limit of Port of Vizhinjam</i> ”, centered on;	08° 22′.82N., 076° 57′.51E.
Insert	limit of Port of Vizhinjam International Deepwater Multipurpose Seaport ----- joining;	08° 22′.55N., 076° 59′.78E.
		08° 22′.14N., 076° 59′.37E.
		08° 21′.70N., 076° 59′.11E.
	legend, “ <i>Limit of Port of Vizhinjam International Deepwater Multipurpose Seaport</i> ”, centered on;	08° 22′.01N., 076° 59′.31E.
		and
Insert	limit of Port of Kovalam-Vizhinjam ----- joining;	08° 22′.55N., 076° 59′.78E.
		08° 22′.14N., 076° 59′.37E.
		08° 21′.70N., 076° 59′.11E.
	legend, “ <i>limit of Port of Kovalam-Vizhinjam</i> ”, centered on;	08° 21′.98N., 076° 59′.26E.

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.

*046 (T) (04/24)	INDIA – WEST COAST – Arabian Sea – Oil Rigs.
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows: -	
Rig Name	Position
Aban II	19° 48'.29N., 071° 41'.20E.
Aban III	19° 32'.05N., 071° 19'.16E.
Aban IV	19° 23'.55N., 071° 21'.53E.
Aban VIII	19° 11'.99N., 072° 11'.00E.
Admarine 9	19° 19'.46N., 071° 14'.10E.
CE Thornton	19° 19'.12N., 071° 23'.76E.
Compact Driller	19° 39'.51N., 071° 17'.55E.
Discovery 1	18° 38'.20N., 071° 00'.92E.
FG MC Clinttok	18° 08'.15N., 072° 25'.28E.
Foresight Driller IX	18° 33'.72N., 072° 17'.66E.
Great Drill Chaaru	18° 16'.38N., 072° 22'.82E.
Great Drill Chetna	19° 22'.42N., 072° 13'.50E.
Great Drill Chaaya	18° 39'.23N., 070° 58'.86E.
Great Drill Chitra	19° 21'.46N., 071° 50'.13E.
Jindal Star	19° 40'.40N., 071° 19'.38E.
Jindal Supreme	20° 43'.29N., 071° 43'.77E
JT Angel	18° 47'.21N., 072° 19'.52E
Jindal Explorer	20° 21'.56N., 072° 01'.43E
Key Singapore	18° 55'.85N., 072° 18'.35E
Parameswara	19° 20'.95N., 071° 24'.39E
Ron Tappmeyer	18° 45'.65N., 072° 19'.22E.
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° 02'.25N., 072° 23'.91E.
Sagar Ratna	20° 37'.23N., 072° 21'.77E.
Sagar Uday	20° 17'.36N., 072° 11'.23E.
Sagar Samrat	18° 58'.43N., 071° 37'.44E.
Sagar Gaurav	19° 41'.07N., 071° 50'.14E.
Trident 12	18° 45'.23N., 072° 18'.00E.
Vivekananda 1	18° 37'.94N., 072° 14'.22E.
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.
DS Fossil	19° 23'.19N., 071° 17'.41E.
DS Fortune	19° 18'.21N., 071° 30'.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) – 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).
Former INTM 042 (T)/24 is cancelled.

*047 (T) (04/24)	INDIA – EAST COAST – Bay of Bengal – Oil Rigs.
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows: -	
Rig Name	Position
Platinum Explorer	16° 11′.94N., 082° 10′.23E.
West Polaris	19° 28′.44N., 086° 18′.66E.
Armada Sterling V	16° 22′.22N., 082° 19′.30E.
2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.	
3. All positions referred to WGS 84 datum.	
Charts Affected – 31 (INT 756) – 32 (INT 754) – 391– 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 355 (INT 7405) – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	
Former INTM 186 (T)/23 is cancelled.	

***048 (T) (04/24) BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Digging, Pipeline Crossing and Installation Activities.**

Source: Myanmar Notice 01/2024.

1. Undersea Telecommunication Cable repairing is being carried out in following areas till 05 May 2024.

(a) Digging and pipeline crossing work will be carried out along the following coordinates.	
Sl No.	Position
01.	14° 12′.64N., 096° 21′.35E.
02.	14° 11′.64N., 096° 21′.34E.
(b) The installation of branch cable line unit (1) from the main cable work will be carried out along the following coordinates.	
Sl No.	Position
01.	14° 07′.67N., 96° 23′.06E.
02.	14° 07′.16N., 96° 22′.41E.
(c) Digging and installation of main cable line sub-unit (1) to (2) work will be carried out and the cable will be excavated and buried using ROV along the following coordinates.	
Sl No.	Position
01.	15° 25′.98N., 96° 31′.96E.
02.	14° 07′.38N., 96° 22′.42E.
2. Mariners are advised not to navigate, anchor or trawl within 500 m along the submarine cable laying and repairing coordinates and consult the local port authorities for the latest information.	
Charts affected – 41 (INT 757).	

***049 (T) (04/24) INDIAN OCEAN - NORTHERN PART - RAMA Buoys.**

Source: NOAA.

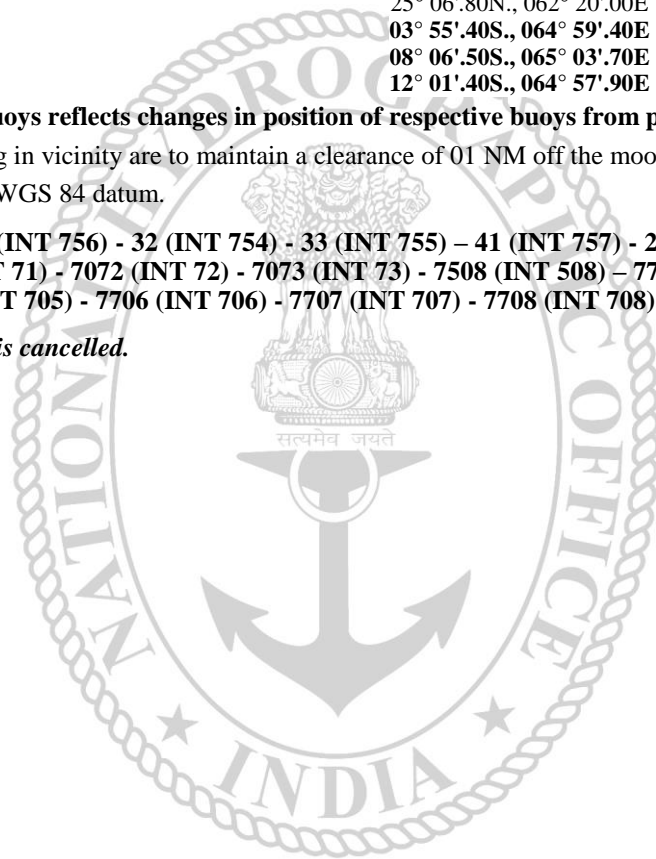
1. The research moored array of African - Asian - Australian Monsoon analysis and prediction (RAMA) buoys laid in following positions:-

Buoy No./Name	Position
RA185A	15° 01'.70N., 089° 02'.50E
RA184A	00° 00'.00N., 089° 57'.60E
RA176A	00° 59'.00S., 100° 22'.90E
RA175A	01° 32'.90S., 080° 34'.00E
RA183A	09° 24'.40N., 097° 50'.30E
RA182A	02° 15'.90N., 072° 55'.70E
RA181A	08° 07'.70S., 110° 32'.90E
RA180A	00° 39'.80S., 073° 07'.10E
RA179A	09° 07'.40S., 057° 44'.50E
RA177A	01° 51'.20S., 060° 08'.80E
RA178A	09° 24'.80S., 051° 07'.40E
RT033	09° 46'.60N., 080° 16'.60E
RT030	00° 47'.80S., 083° 06'.70E
RT029	12° 34'.90S., 068° 50'.60E
RT028	11° 50'.50S., 080° 18'.80E
RT032	25° 06'.80N., 062° 20'.00E
RT040	03° 55'.40S., 064° 59'.40E
RT039	08° 06'.50S., 065° 03'.70E
RT038	12° 01'.40S., 064° 57'.90E

2. **All Highlighted Buoys reflects changes in position of respective buoys from previous Notice.**
3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.
4. All positions are in WGS 84 datum.

Charts Affected - 21 - 31 (INT 756) - 32 (INT 754) - 33 (INT 755) – 41 (INT 757) - 291 - 315 - 316- 358 (INT 7394) - 7070 (INT 70) - 7071 (INT 71) - 7072 (INT 72) - 7073 (INT 73) - 7508 (INT 508) – 7701 (INT 701) - 7702 (INT 702) - 7703 (INT 703) - 7705 (INT 705) - 7706 (INT 706) - 7707 (INT 707) - 7708 (INT 708).

Former INTM 191 (T)/23 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:-

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

2. **MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS**

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crews using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - mrcc-west@indiancoastguard.nic.in. Any suspicious activity of skiffs/ boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

3. **DISPLAY ANOMALIES IN ECDIS**

(a) Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode. Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html for further information.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

4. **SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME**

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates are published in the fortnightly Indian Notices to Mariners.

- (a) **Safety Fairways:** An area within which permits are not granted for the erection of oil or gas related structures. The use of a safety fairway is not usually mandatory, but is recommended. Safety fairways have been promulgated in and round offshore development area in Arabian Sea up to the Exclusive Economic Zone (EEZ) due to increased weather related marine accidents and dense traffic. These are mandatory for all Indian ships and vessels transiting through the ODA and recommendatory for all foreign flag ships and vessels irrespective of size.
- (b) **Traffic Separation Schemes (TSS):** The TSS is mandatory for all Indian and foreign flag ships and vessels entering and leaving.

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

The GAGAN System is now commissioned for safety of life, civil aviation, and en- route operations in addition to all other non-aviation applications. The GAGAN signal is being broadcasted through GSAT-8 and GSAT-10 with PRN127& 128 respectively. All the GPS users are requested to enable SBAS functionality in their receivers, configure it to receive PRN- 127& 128 and avail the benefits of GAGAN in terms of increased accuracy and reliability. There may be occasional signal outages due to system up-gradation activities.

6. **Usage of Thuraya, Iridium and other such Satellite Communication in Indian Waters-Reg.**

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

(f) The ship-owners, ship-masters and ship-agents shall mandatorily require to declare details of such satellite phones prior arrival into Indian Waters through the Pre-Arrival Notification on Security (PANS) systems.

(g) The unauthorized usage of Thuraya, Iridium and other such Satellite equipment shall be prosecuted under Section-6 of Indian Wireless Act and Section-20 of Indian Telegraph Act.

(h) The ship-Owners, Ship-Masters, Ship-Operators, Ship-Agents and other stake holders are intimated for strict compliance of this DGS Order.

(j) This Directorate General of Shipping order No. 09 of 2023 supersedes previous DGS order No. 02 of 2012 dated 17.05.2012 and is entry into force with immediate effect.

7. **CAUTIONARY NOTE**

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

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

(a) All vessels navigating in Indian waters are cautioned to keep a sharp look-out for fishing vessels and small crafts, as there have been several incidents of collisions with such vessels in the past resulting in loss of innocent lives as well as damage to property.

(b) It is further cautioned that all vessels need to exercise extreme care while navigating during hours of darkness as such vessels are generally of primitive built (wood/fibre/etc) due to which it may not be detected on ship's radar, especially during adverse weather conditions. Also, such vessels may not be properly lit, or sometimes, only one vessel may be lit among multiple vessels in a cluster.

(c) The general areas of concern on the west coast of India are the areas of convergence and divergence of traffic, mainly between Mangalore to Kanyakumari (Cape Comorin). Further, in these areas, additional caution needs to be exercised and wide berth be given to all such vessels.

(d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.

List of Indian Chart Agents

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Insrtuments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p>	<p>M/s Global Marine Infratech Pvt. Ltd. SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>L. R. Marine Services 301, 3rd Floor, 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: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Lift o Marine Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	<p>M/s CNC Office No. S-12-92, Haware’s Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: sales@emariner.net</p>

SECTION – V

NAVAREA – VIII WARNINGS IN FORCE.

1. All in force NAVAREA and NAVTEX messages are available for visualisation along with details of affected Charts and ENC's for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.
2. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2020.
3. NAVAREA VIII Warnings in force as on 16 Feb 24: -

2022 SERIES - 134 162 237 461 519
2023 SERIES - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 1046 1057 1061 1062
2024 SERIES - 003 025 032 036 052 066 074 090 093 094 113 114 118 120 121 123 124 125 126 130 131 132 136 142 144 145 146 147 149 152 155 158 159 160 162 163 167 169 170 171 172 173 175 177 178 179 180 181 182

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

<p>122. India East Coast - off Visakhapatnam. Charts IN 31 308 354 INT 7408. Firing scheduled from 020100 to 031230 UTC Feb 24 in danger areas bounded by (a) 17-49.10N 083-46E, 17-49.10N 083-52.10E, 17-43.10N 083-52.10E, 17-43.10N 083-46E (b) 17-48.13N 083-42E, 17-58N 083-52E, 17-58N 084-19E, 17-44N 084-05E, 17-44N 084-48.15E. Wide berth from area advised.</p> <p>2. Cancel this MSG 031330 UTC Feb 24.</p>
<p>123. Gulf of Mannar - off Cape Comorin. Charts IN 32 223 263 INT 754. Jk dhanyasree, Jk dhanyasree-1, Tn06mfb1478 and Mala progressing bathymetric survey in area bounded by 08-18.03N 077-04.30E, 08-16.50N 077-02.98E, 08-03.83N 077-17.86E, 07-58.60N 077-37.36E, 08-03.97N 078-01.87E, 08-22.30N 078-21.67E, 08-57.91N 078-35.92E, 08-58.89N 079-20.67E, 09-10.07N 079-24.37E, 09-12.89N 079-10.25E, 09-12.61N 078-54.66E, 09-08.32N 078-40.14E, 09-05.24N 078-30.87E, 08-58.05N 078-18.35E, 08-44.43N 078-14.04E, 08-29.40N 078-09.16E, 08-21.53N 078-04.91E, 08-10.04N 077-45.91E, 08-03.95N 077-33.27E, 08-07.00N 077-18.73E, 08-12.75N 077-10.86E. Wide berth requested.</p> <p>2. Cancel this MSG 251830 UTC May 24.</p>
<p>124. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Vivekanand-1 (18-37.94N 072-14.22E). Refer to 036(T) of INTM 02/24. Wide berth requested.</p>
<p>125. India East Coast. Charts IN 31 352 355 INT 756. Rig move. Olinda star (19-33.35N 086-13.90E) and Ddkg1 (16-12N 082-35E) demobilised. INTM 21/23, 170(T) refers.</p>
<p>126. India West Coast - off Satpati. Charts IN 21 255 292 INT 7021. Sai Sowbaghya progressing seismic survey in area bounded by 19-51.30N 071-27.18E, 19-29.54N 071-36.39E, 19-19.21N 071-05.49E, 19-30.03N 071-00.92E, 19-45.19N 071-08.06E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC Mar 24.</p>
<p>127. Andaman Sea. Charts IN 41 7706 BA 830 INT 757. Cs resolute progressing submarine cable laying works along 06-52.9N 097-27.9E, 06-53.2N 097-27.2E, 07-28.8N 096-18.9E, 07-28.8N 096-17.8E, 07-33.5N 096-08.8E, 07-34.6N 096-06.9E. Wide berth requested.</p> <p>2. Cancel this MSG 111830 UTC Feb 24.</p>
<p>128. India East Coast - off Balasore. Charts IN 31 301 351 INT 7419. Experimental flight trials scheduled 05 to 08 Feb 24 from 0430 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 081230 UTC Feb 24.</p>
<p>129. India East Coast - off Visakhapatnam. Charts IN 31 354 7706 INT 7408. Experimental flight trials scheduled 06 to 08 Feb 24 from 0430 to 0630 UTC and 0830 to 1030 UTC in danger area bounded by 18-03.65N 083-44.35E, 17-42.08N 084-53.26E, 16-35.91N 083-59.81E, 16-51.80N 083-21.48E. Wide berth from area advised.</p> <p>2. Cancel this MSG 081130 UTC Feb 24.</p>
<p>130. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled on 06, 08, 13 and 20 Feb 24 from 0430 to 1030 UTC in danger area bounded within 20-37N to 20-52N and 088-30E to 089-00E. wide</p>

<p>130. Continued. berth from area advised. 2. Cancel this MSG 201130 UTC Feb 24.</p>
<p>131. India West Coast - off Daman. Charts IN 21 254 292 INT 7331. Vyacheslav tikhonov, orion laxmi will carry out seismic survey from 05 Feb to 08 Apr 24 in area bounded by 19-58.07N 071-28.78E, 19-58.85N 072-32.52E, 20-23.14N 072-37.26E, 20-23.44N 071-33.09E. wide berth of 06 nm requested. 2. Cancel this MSG 081830 UTC Apr 24.</p>
<p>132. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Acoms 11 will carry out pipeline survey from 04 Feb to 15 May 24 in vicinity of 18-55.55N 072-02.49E, 18-29.10N 072-15.13E, 18-08.44N 072-22.08E, 18-42.56N 072-20.41E, 21-03.68N 072-25.30E, 18-29.10N 072-15.13E, 18-08.44N 072-22.08E, 18-42.56N 072-20.41E, 19-39.47N 071-17.55E, 19-28.15N 071-14.55E, 19-15.30N 071-21.79E, 21-03.68N 072-25.30E. Wide berth requested. 2. Cancel this MSG 151830 UTC May 24.</p>
<p>133. India East Coast - off Nagapattinam. Charts IN 32 357 7706 INT 754. Firing scheduled from 022330 to 030130 UTC, 030730 to 030930 UTC, 031130 to 031330 UTC, 032330 to 040130 UTC, 040730 to 040930 UTC and 041130 to 041330 UTC Feb 24 in danger area bounded by 10-31.49N 080-24.12E, 11-24.40N 082-38.47E, 11-53.22N 082-29.50E, 11-00.13N 080-14.21E. Wide berth from area advised. 2. Cancel this MSG 041430 UTC Feb 24.</p>
<p>134. Cancel NAVAREA VIII MSG 286/22, 646/22, 031/24, 043/24, 053/24, 061/24, 070/24, 107/24 and this MSG.</p>
<p>135. NAVAREA VIII - Warnings in force as on 02 Feb 2024. 2022 Series - 134 162 237 461 476 519 2023 Series - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 946 987 1046 1052 1057 1061 1062 2024 series - 003 021 025 032 036 038 044 052 063 065 066 067 074 090 092 093 094 097 106 112 113 114 116 118 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 (a) NAVAREA VIII warnings less than 42 days promulgated via safetynet (b) Text of NAVAREA viii warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in. 2. Cancel this MSG 091000 UTC Feb 24.</p>
<p>136. India East Coast - off Kakinada. Charts IN 31 355 INT 7405. Coastal triumph progressing survey in area bounded by 16-36.83N 082-24.08E, 16-28.5N 082-33.83E, 16-21N 082-24.5E, 16-28.5N 082-13.83E. Wide berth of 02 nm requested. 2. Cancel this MSG 221830 UTC Feb 24.</p>
<p>137. India East Coast - off Nagapattinam. Charts IN 32 7706 INT 754. Firing scheduled from 032230 to 040030 UTC, 040630 to 040830 UTC, 041030 to 041230 UTC, 041430 to 041630 UTC, 042230 to 050030 UTC, 050630 to 050830 UTC, 051030 to 051230 UTC and 051430 to 051630 UTC Feb 24 in danger area bounded by 11-27N 082-41E, 11-30N 083-17E, 12-56N 083-30E, 12-54N 082-56E. wide berth from area advised. 2. Cancel this MSG 051730 UTC Feb 24.</p>
<p>138. Andaman Sea - off Nicobar I. Charts IN 41 7706 INT 757. Firing scheduled from 040230 to 041200 UTC Feb 24 in danger area bounded by 07-33N 094-58E, 09-14N 094-58E, 09-14N 094-08E, 07-34N 094-08E. Wide berth from area advised. 2. Cancel this MSG 041300 UTC Feb 24.</p>
<p>139. India West Coast - off Mormugao. Charts IN 22 293 7703 INT 752. Firing scheduled from 070230 to 111530 UTC Feb 24 in danger areas bounded by (a) 15-36N 071-50E, 14-39N 073-40E, 14-00N 074-00E, 13-37N 073-00E, 14-31N 071-24E (b) 17-23N 070-35E, 16-58N 071-25E, 16-24N 072-09E, 14-31N 071-24E, 16-15N 068-37E. Wide berth from area advised. 2. Cancel this MSG 111630 UTC Feb 24.</p>
<p>140. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 070800 to 071000 UTC Feb 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 071100 UTC Feb 24.</p>
<p>141. Bay of Bengal - off Bangladesh. Charts IN 31 BA 90 817 INT 756. Firing by bangladesh navy scheduled from 061800 to 081800 UTC Feb 24 in danger area bounded by 22-05N 091-38.50E, 22-02.30N 091-24.70E, 21-59.30N 091-09.80E, 21-47.50N 090-54.50E, 21-15.80N 091-19.60E, 21-32.30N 091-30.50E, 21-46.50N 091-38E, 21-58N 091-44E. Wide berth from area advised. 2. Cancel this MSG 081900 UTC Feb 24.</p>
<p>142. Andaman Sea - off Myanmar. Charts IN 41 7706 BA 830 INT 757. Cs prima nusantara x progressing submarine cable repair works along (a) 15-12.49N 096-29E, 14-57.07N 096-25.63E (b) 15-15.48N 096-29.66E, 15-14.93N 096-29.54E, 15-11.15N 096-28.70E, 15-10.79N 096-28.62E, 14-46.58N 096-23.52E, 14-45.83N 096-23.5E (c) 14-12.64N 096-21.35E, 14-11.64N 096-21.34E (d)14-07.67N 096-23.05E, 14-07.16N 096-22.41E (e) 15-25.98N 096-31.96E, 14-07.38N 096-22.41E. wide berth requested 2. Cancel this MSG 051830 UTC May 24.</p>

<p>143. India East Coast - off Krishnapatnam. Charts IN 31 356 391 3034 INT 7400. Partially submerged fishing boat reported adrift in approximate position 14-14.59N 080-18.96E at 050230 UTC Feb 24. Mariners to exercise caution. 2. Cancel this MSG 080230 UTC Feb 24.</p>
<p>144. Bangladesh Coast. Charts IN 31 BA 90 7706 INT 756. Cox's bazar Lt (21-25.87N 091-58.74E) unlit.</p>
<p>145. India East Coast. Charts IN 31 304 352 INT 7416. Rig move. West Polaris (19-28.44N 086-18.66E) demobilised. INTM 21/23, 170(T) refers.</p>
<p>146. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Gd chetna (21-39.46N 068-49.26E), Ds fortune (19-01.74N 071-25.58E), Aban VIII (19-08.72N 071-55.25E). refer to 042(T) of INTM 03/24. Wide berth requested.</p>
<p>147. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Cs maram progressing submarine cable repairs in area bounded by 18-56.58N 071-40.85E, 18-54.16N 071-40.67E, 18-57.81N 072-03.83E, 18-55.39N 072-03.96E. wide berth requested. 2. Cancel this MSG 181830 UTC Feb 24.</p>
<p>148. India West Coast - off Satpati. Charts IN 21 255 292 INT 7021. Sanco star and mma monarch will carry out seismic survey from 08 Feb to 07 May 24 in area bounded by 19-51.30N 071-27.18E, 19-29.54N 071-36.39E, 19-19.21N 071-05.49E, 19-30.03N 071-00.92E, 19-45.19N 071-08.06E. Wide berth requested. 2. Cancel this MSG 071830 UTC May 24.</p>
<p>149. Southern Indian Ocean. Charts IN 7070 7073 INT 73. Space debris predicted from 10 Feb to 16 Feb 24 between 0758 UTC and 1227 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 161327 UTC Feb 24.</p>
<p>150. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 090330 to 090830 UTC Feb 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 090930 UTC Feb 24.</p>
<p>151. Cancel NAVAREA VIII MSG 067/24 and this MSG .</p>
<p>152. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Discovery 1 (19-18.78N 072-01.56E). refer to 042(T) of INTM 03/24. wide berth requested.</p>
<p>153. India East Coast - off Visakhapatnam. Charts IN 31 354 7706 INT 7408. Firing scheduled from 090500 to 090800 UTC Feb 24 in danger area bounded by 17-44N 084-05E, 17-44N 083-48E, 17-48.13N 083-42E, 17-58N 083-52E, 17-58N 084-19E. Wide berth from area advised. 2. Cancel this MSG 090900 UTC Feb 24.</p>
<p>154. India West Coast - off Kollam. Charts IN 22 273 7073 INT 73. Firing scheduled 09 and 10 Feb 24 from 0430 to 1130 UTC in danger area bounded within 08-50N to 09-00N and 076-00E to 076-10E. Wide berth from area advised. 2. Cancel this MSG 101230 UTC Feb 24.</p>
<p>155. India West Coast - off Dwarka. Charts IN 21 252 292 INT 7325. Hydrographic survey will be carried out from 09 to 21 Feb 24 in area bounded by 22-11.50N 068-46E, 22-04N 068-52.75E, 22-10.50N 069-01E, 22-18N 068-54E. Wide berth requested. 2. Cancel this MSG 211830 UTC Feb 24.</p>
<p>156. Lakshadweep Sea - Minicoy I. Charts IN 273 2006 INT 752. DGPS (08-16.16N 073-01.57E) transmission will be swithced off on 09 Feb 24 from 0030 to 1130 UTC for maintenance 2. Cancel this MSG 091130 UTC Feb 24.</p>
<p>157. India East Coast - off Visakhapatnam. Charts IN 31 308 354 INT 7408. Firing scheduled from 120530 to 120930 UTC Feb 24 in danger area bounded within 17-43.10N to 17-49.10N and 083-46E to 083-52.10E. Wide berth from area advised. 2. Cancel this MSG 121030 UTC Feb 24.</p>
<p>158. India West Coast - off Mumbai. Charts IN 21 254 255 292 INT 7021. Vanessa 7 progressing survey in vicinity of 20-05.60N 071-48.56E, 20-05.46N 071-53.12E, 20-56.06N 071-54.93E, 19-18.55N 071-27.53E, 19-27.80N 071-16.69E, 18-43.05N 072-19.13E, 18-08.15N 072-25.28E, 19-13.35N 072-10.87E, 18-58.43N 071-37.44E, 18-30.06N 072-15.95E. Wide berth requested. 2. Cancel this MSG 081830 UTC Mar 24.</p>
<p>159. India East Coast - off Puducherry. Charts IN 32 357 7071 INT 7397. Sw empress progressing seismic survey in area bounded by 11-09N 080-13E, 11-33N 080-13E, 12-16N 080-23E, 12-16N 080-51E, 12-06N 080-58E, 11-09N 080-58E. Wide berth requested. 2. Cancel this MSG 011830 UTC May 24.</p>
<p>160. India West Coast - off Daman. Charts IN 21 255 292 INT 7021. Mt force will carry out survey from 12 Feb to 01 May 24 in areas bounded by (a) 20-35N 072-39E, 20-35N 072-52E, 20-30N 072-51E, 20-30N 072-38E (b) 20-30N 072-38E, 20-30N 072-51E, 20-26N 072-48E, 20-25N 072-38E (c) 20-25N 072-38E, 20-26N 072-48E, 20-20N 072-44E, 20-21N 072-38E (d) 20-21N 072-38E, 20-20N 072-44E, 20-13N 072-41E, 20-13N 072-36E (e) 20-13N 072-36E, 20-13N 072-41E, 20-08N 072-41E, 20-08N 072-35E. wide berth requested. 2. Cancel this MSG 011830 UTC May 24.</p>

<p>161. Cancel NAVAREA VIII MSG 063/24, 092/24 and this MSG.</p>
<p>162. NAVAREA VIII - Warnings in force as on 09 Feb 2024. 2022 Series - 134 162 237 461 476 519 2023 Series - 116 161 178 240 386 455 456 484 574 604 622 655 675 703 733 741 748 750 929 987 1046 1052 1057 1061 1062 2024 series - 003 025 032 036 044 052 065 066 074 090 093 094 113 114 118 120 121 123 124 125 126 127 130 131 132 136 139 142 144 145 146 147 148 149 152 154 155 157 158 159 160 161 (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 161000 UTC Feb 24.</p>
<p>163. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Sagar uday (19-27.52N 071-16.42E). refer to 042(T) of INTM 03/24. wide berth requested.</p>
<p>164. India West Coast - Mumbai Port. Charts IN 21 211 2015 2016 INT 7336. Wooden pontoon reported adrift in aproximate position 18-54.34N 072-50.68E at 100845 UTC Feb 24. 2. Cancel this MSG 130845 UTC Feb 24</p>
<p>165. India West Coast - off Daman. Charts IN 21 254 292 INT 7331. Firing by CG aircraft scheduled 14 and 15 Feb 24 from 0230 to 1130 UTC in danger area bounded within 20-26N to 20-40N and 072-27E to 072-40E. Wide berth from area advised. 2. Cancel this MSG 151230 UTC Feb 24.</p>
<p>166. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 140800 to 141000 UTC Feb 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 141100 UTC Feb 24.</p>
<p>167. India East Coast - off Visakhapatnam. Charts IN 31 355 391 INT 756. Subsurface firing scheduled from 140030 to 141230 UTC, 150030 to 151230 UTC, 160030 to 160830 UTC and 170030 to 170830 UTC Feb 24 in danger area bounded within 17-00N to 17-40N and 083-30E to 084-15E. Wide berth from area advised. 2. Cancel this MSG 170930 UTC Feb 24.</p>
<p>168. Southern Indian Ocean. Charts IN 7070 7072 7073 INT 73. Space debris predicted from 15 to 21 Feb 24 between 0056 UTC and 0519 UTC in area bounded by 36-40S 078-41E, 34-50S 079-51E, 26-27S 060-32E, 28-17S 059-28E. Wide berth from area advised. 2. Cancel this MSG 210619 UTC Feb 24.</p>
<p>169. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 160330 to 160830 UTC Feb 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 160930 UTC Feb 24.</p>
<p>170. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Trident 12 (18-43.44N 072-22.31E). refer to 042(T) of INTM 03/24. wide berth requested.</p>
<p>171. India East Coast - off Chennai. Charts IN 32 313 356 INT 7400. Firing by CG aircraft scheduled from 160130 to 161130 UTC Feb 24 in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E. Wide berth from area advised. 2. Cancel this MSG 161230 UTC Feb 24.</p>
<p>172. India West Coast - off Kochi. Charts IN 22 220 259 INT 7356. Firing scheduled 16 and 17 Feb 24 from 0430 to 1130 UTC in danger area bounded within 10-08N to 10-18N and 075-30E to 075-40E. Wide berth from area advised. 2. Cancel this MSG 171230 UTC Feb 24.</p>
<p>173. India West Coast - Gulf of Kachchh. Charts IN 203 2068 INT 7319. Paga buoy (22-35.40N 069-14.60E) retrieved for maintenance.</p>
<p>174. Cancel NAVAREA VIII MSG 987/23 and this MSG.</p>
<p>175. Lakshadweep Sea. Charts IN 268 273 INT 7353. Valiyakara i Lt (10-08.23N 072-19.77E) unlit.</p>
<p>176. Dia East Coast - off Visakhapatnam. Charts IN 31 354 391 INT 7408. Firing scheduled from 140300 to 141230 UTC Feb 24 in danger area bounded by 17-44N 084-48.15E, 17-44N 084-05E, 17-58N 084-19E, 17-58N 083-52E, 17-48.13N 083-42E. Wide berth from area advised. 2. Cancel this MSG 141330 UTC Feb 24.</p>
<p>177. India West Coast - Gulf of Kachchh. Charts IN 203 2068 INT 7319. Tilburn buoy (22-37.20N 069-32E), Gurur buoy (22-35.40N 068-57.80E) retrieved for maintenance.</p>
<p>178. Bay of Bengal - Sriharikota. Charts IN 32 7706 7707 INT 706. Rocket launch from 13-42.2N 080-13.8E scheduled 17 Feb 24 from 1130 to 1530 UTC. 2. Danger zone as follows Zone-1: Circle of 10 Nm around launcher Zone-2: Danger area bounded by 12-05N 084-50E, 12-50N 085-00E, 12-20N 086-20E, 11-35N 086-10E.</p>

178. Continued.

Zone-3: Danger area bounded by 11-15N 087-50E, 11-55N 088-00E, 11-05N 090-30E, 10-25N 090-20E.

Zone-4: Danger area bounded by 08-10N 095-10E, 09-35N 095-10E, 09-35N 096-05E, 08-10N 096-05E.

3. Wide berth from area advised.

4. Cancel this MSG 171630 UTC Feb 24.

179. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Sagar Jyoti (19-15.63N 071-17.79E). Refer to 042(T) of INTM 03/24. Wide berth requested

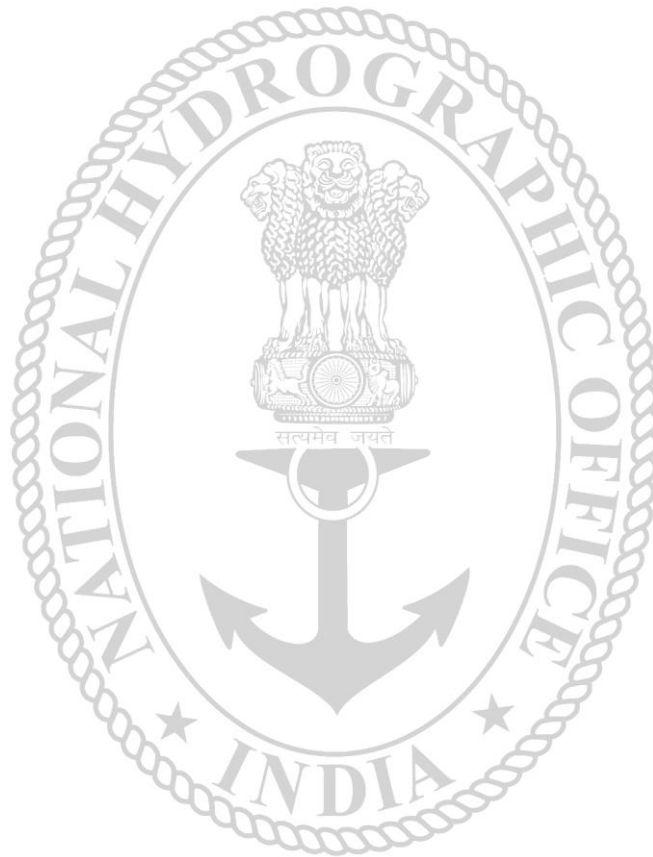
180. Arabian Sea - Lakshadweep I. Charts IN 268 2047 INT 7353. Kadmat Racon G (11-15.44N 072-47.36E), Agatti Racon B (10-52.64N 072-12.33E) not operational in X and S band.

2. Cancel NAVAREA VIII MSG 476/22.

181. India West Coast - off Satpati. Charts IN 21 255 292 INT 7021. Seismic survey being progressed by Sanco Star, Crest Argus 2 with node deployment vessel Stanford Buzzard, Stanford Hawk, MMA Monarch and pinging vessel Parasea two, Nand Saarthi, Orion Dhanashree and Raafi in area bounded by 19-51.30N 071-27.18E, 19-29.54N 071-36.39E, 19-19.21N 071-05.49E, 19-30.03N 071-00.92E, 19-45.19N 071-08.06E. Wide berth of 05 NM requested.

2. Cancel NAVAREA VIII MSG 148/24 and this MSG 071830 UTC May 24.

182. Cancel NAVAREA VIII MSG 168/24 and this MSG.



SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
F1182-08	Mae Nam Krabi Entrance. No 8	08 01-89 N 98 54-11 E *	FI R 3s	6 *	5 *	□ on red beacon	..
F1314-6 *	Banda Aceh. Olee Lheue. -- Leading Lts. Rear *	05 33-78 N 95 17-83 E *	FI W *	.. *	.. *	White lattice *	.. *
D7760	- Khuddi Island	24 33-60 N 67 13-16 E	FI(4)W 30s	40	14 *	White round concrete tower, black bands	.. *
D9162-75	BANDAR-E PARS -- Logistic Port	27 31-14 N 52 33-28 E	FI(2)R 6s	12	7 *	Red beacon	..

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

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

NIL

INP 31(2), 2019

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

NIL

INP 31(5), 2021

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

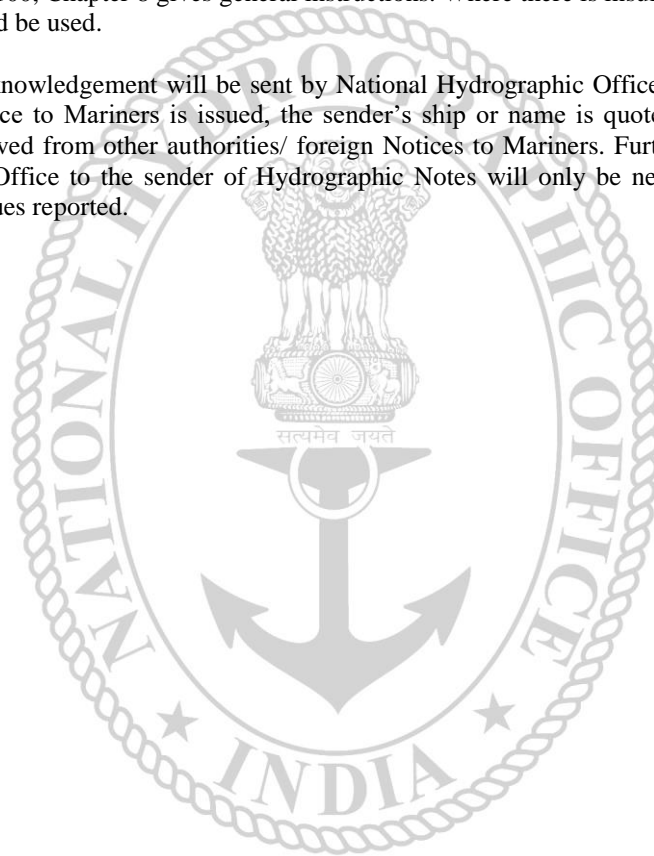
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

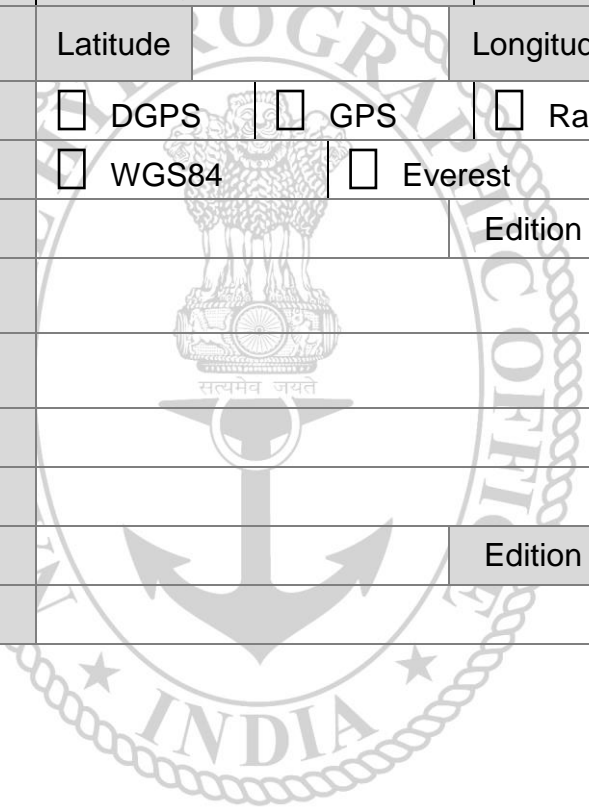
8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

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

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

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



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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC