



# INDIAN NOTICES TO MARINERS



EDITION NO. 07 DATED 01 APR 2025

(CONTAINS NOTICES 060 TO 062)

REACH US 24 x 7



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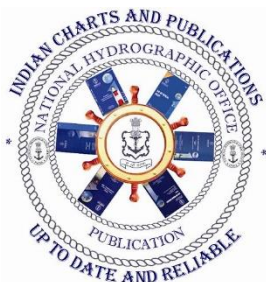
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(PUBLISHED ON NHO WEBSITE ON 1<sup>ST</sup> & 16<sup>TH</sup> OF EVERY MONTH)

**FEEDBACK:** [msis-inho-navy@nic.in](mailto: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.**

### **New Updates**

**Revised 102A has been updated. Mariners are advised to use updated 102A for provisioning information.**

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

2. The new edition Indian Charts that are available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
NIL					

3. The Indian Charts that are permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
NIL				

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
NIL			

5. The new edition Indian Electronic Navigational Charts that is available for mariners in the market is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
NIL			

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>
NIL			

7. The forthcoming Indian Charts is as follows:-

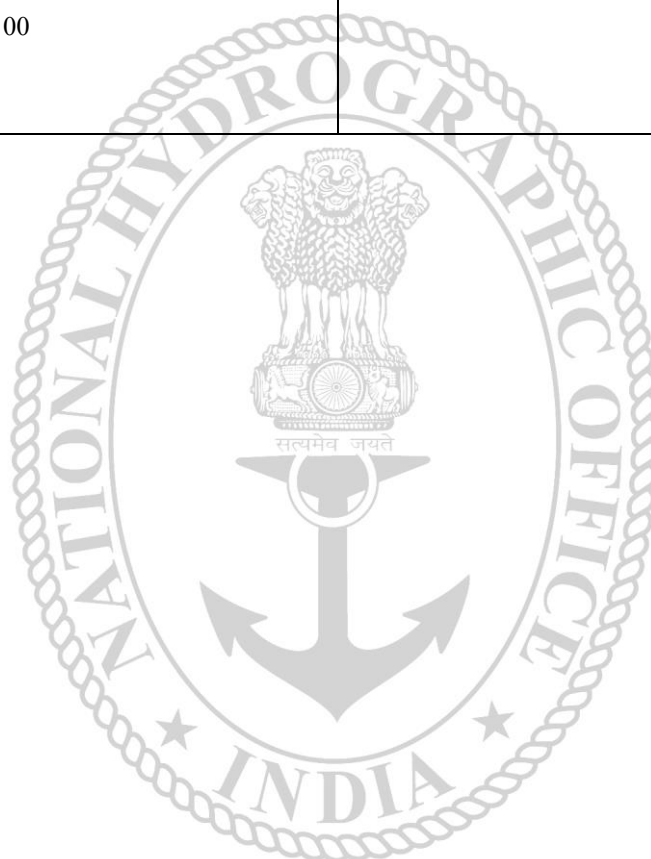
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2013 INT (7324)	PORT OF OKHA	12,500	NEW EDITION
2031 INT (7326)	OKHA HARBOUR	37,500	NEW EDITION
2054	MADHWAD BAY	25,000	NEW EDITION
2502	CARGADOS CARAJOS (SAINT BRANDON) ANCHORAGE	25,000	NEW CHART

## VI

### Availability of ENC's

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the worldwide network of their agents and distributors. Updates are also made available as per the existing policy of the distributor. Mariners and other ENC users may contact the under mentioned for further details:

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



# TEMPORARY AND PRELIMINARY NOTICES

*In Force as on 01 Apr 2025*

*(Former List dated 01 Jan 2025 is cancelled)*

Cancelled Notices	
Area	Notice No.
1	NIL
2	116/23, 143/24, 152/24, 153/24, 155/24, 032/25, 037/25, 039/25, 043/25, 045/25,
3	144/24, 154/24, 038/25, 049/25, 050/25,
4	NIL

1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN.		
Notice	Charts Affected	Description
091/19	227 – 2061 – 2099.	INDIAN OCEAN – MALDIVES – Male Atoll – Construction Work.
149/22	22 (INT 752) – 273 – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).	ARABIAN AND LAKSHADWEEP SEAS – INDIA AND MALDIVES – Kadmat Island to Ihavandiffulu Atoll.
139/24	7071 (INT 71) – 7072 (INT 72) – 7701 (INT 701) – 7703 (INT 703).	INDIA OCEAN – Gulf of Aden to the Maldives and the Seychelles Group – 3D Seismic Survey.

2. INDIA WEST COAST, LAKSHADWEEP, INDIAN OCEAN.		
Notice	Charts Affected	Description
127/15	2040.	INDIA – WEST COAST – Porbandar Port – Jetty.
164/18	21 – 292 (INT 7021) – 253 (INT 7328) – 206.	INDIA – WEST COAST – Veraval to Diu Head – Construction work.
076/19	292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338) – 2123.	INDIA – WEST COAST – Ulwa Channel – Construction Work.
120/19	21 – 251 (INT 7318) – 252 (INT 7325) – 203 (INT 7319) – 2068 – 2031 (INT 7326) – 2013 (INT 7324).	INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Construction Work.
180/19	292 (INT 7021) – 253 (INT 7328) – 254 (INT 7331) – 207 – 2081 (INT 7342) – 2100.	INDIA – WEST COAST – Gulf of Khambhat – Approaches to Port Pipavav – Construction Work.
091/20	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay – Construction work.
094/20	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay – Construction work.
095/21	2106 – 2079 (INT 7329) – 2068 – 203 (INT 7319) – 21.	INDIA – WEST COAST – GULF OF KACHCHH – Mundra Port- Construction Work.
118/21	2076 (INT 7338) – 2016 (INT 7336) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 21 – 22 (INT 752).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay – Construction activity.

<b>2. INDIA WEST COAST, LAKSHADWEEP, INDIAN OCEAN. (Continued)</b>		
129/21	21 – 22 (INT 752) – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay- Construction work.
129/21	21 – 22 (INT 752) – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay- Construction work.
216/22	21 – 203 (INT 7319) – 2068 – 2080 – 2079 (INT 7329) – 2106.	INDIA – WEST COAST – Gulf of Kachchh – Mundra Port – Dredging.
218/22	255 (INT 7334) – 256 (INT 7340) – 211 – 212 – 2036 (INT 7352) – 2103.	INDIA – WEST COAST – Dighi Port – Dredging.
220/22	21 – 292 (INT 7021) – 254 (INT 7331) – 208 – 2039 – 2082 – 2110.	INDIA – WEST COAST – Gulf to Khambhat – Dahej Harbour – Jetty Construction.
047/23	2005 – 2114.	INDIA – WEST COAST – Approaches to Kharo Creek and Mitha Port – Buoys
080/23	31(INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck.
131/23	2008 – 2009 – 2010 – 2353.	INDIA – WEST COAST – Karwar naval Harbour – Buoy.
134/23	211 – 212 – 254 (INT 7340) – 255 (INT 7334) – 2036 (INT 7352).	INDIA – WEST COAST – Dighi Harbour (Murud – Janjira) and Approaches – Fairway Buoy.
135/23	2008 – 2120 – 2353.	INDIA – WEST COAST – Karwar Port – Buoy.
163/23	22 (INT 752) – 212 – 256 (INT 7340) – 293 (INT 7022) – 2011 – 2105	INDIA – WEST COAST – Jaigarh and Angre Ports – Construction Activity.
185/23	32 (INT 754) – 224 – 262 (INT 7365) – 2075 (INT 7366).	INDIA – WEST COAST – Tuticorin Harbour; Approaches to Tuticorin – Construction Activity.
037/24	260 (INT 7362) – 261 (INT 7363) – 222 – 223 – 2012	INDIA – WEST COAST – Vizhinjam Anchorage, Alleppey Anchorage – Buoys.
090/24	22 (INT 752) – 32 (INT 754) – 260 (INT 7362) – 261 – 222 – 223 – 2012 – 2111.	INDIA – WEST COAST – Vizhinjim Harbour– Jetty Construction.
106/24	222 – 223 – 2012.	INDIA – WEST COAST – Alleppey Anchorage; Vizhinjam Anchorage – Buoys.
107/24	21 - 203 (INT 7319) - 2068 - 2080 – 2079 (INT 7329) - 2106.	INDIA – WEST COAST – Gulf of Kachchh – Mundra Port – Construction of Berth.
138/24	21 – 22 (INT 752) – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 205 – 206 – 211 – 212 – 213 – 219 – 221 - 222 – 223 – 224 – 252 (INT 7325) – 253 (INT 7328) – 255 (INT 7334) – 256 (INT 7340) – 258 (INT 7348) – 259 (INT 7356) – 260 (INT 7362) – 261 (INT 7363) – 262 (INT 7365) – 263 (INT 7383) – 272 – 292 (INT 7021) – 293 (INT 7022) – 294 (INT 7023) – 305 – 308 (INT 7409) – 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 356 (INT 7400) – 357 (INT 7397) - 391 – 2012 – 2028 – 2032 - 2037 – 2048 – 2104 - 2121 – 3002 (INT 7410) – 3034 – 3035 – 3043 – 3044 - 7070 (INT 70) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7702 (INT 702) – 7703 (INT 703) – 7705 (INT 705) – 7706 (INT 706) – 7707 (INT 707).	INDIAN OCEAN – Northern Part – Wave Rider Buoys.
033/25	22 (INT 752) – 32 (INT 754) – 220 – 260 (INT 7362) – 2029 (INT 7358) – 7071 (INT 71) – 7073 (INT 73) – 7703 (INT 703) – 7706 (INT 706).	INDIA – WEST COAST – Approaches to Kochi – Data Buoys.



<b>2. INDIA WEST COAST, LAKSHADWEEP, INDIAN OCEAN. (Continued)</b>		
057/25	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).	INDIA – WEST COAST – Arabian Sea – Oil Rigs.
059/25	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) - 7706 (INT 706) - 7707 (INT 707) - 7708 (INT 708).	INDIAN OCEAN – NORTHERN PART – RAMA Buoys.
046/25	21 – 22 (INT 752) – 268 (INT 7353) – 273 – 292 (INT 7021) – 293 (INT 7022) – 294 (INT 7023) – 295 (INT 7024) – 2047 – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7703 (INT 703) - 7705 (INT 705) – 7706 (INT 706) – 7707 (INT 707).	INDIA – WEST COAST – Arabian Sea – Data Buoys and Tsunami Buoys.
047/25	21 – 292 (INT 7021) – 254 (INT 7331) – 208 – 2039 – 2082 – 2110.	INDIA – WEST COAST – Gulf to Khambhat – Dahej Harbour – Jetty Construction.
048/25	21 – 22 (INT 752) – 32 (INT 754) – 214 – 221 – 251 (INT 7318) – 253 (INT 7328) – 257 (INT 7343) – 258 (INT 7348) – 260 (INT 7362) – 261 (INT 7363) – 263 (INT 7383) – 271 – 272 – 291 – 292 (INT 7021) – 293 (INT 7022) – 294 (INT 7023) – 295 (INT 7024) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7703 (INT 703) – 7705 (INT 705) – 7706 (INT 706) – 7707 (INT 707).	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.

<b>3. INDIA EAST COAST, ANDAMAN NICOBAR, SRI LANKA, BANGLADESH, MYANMAR.</b>		
<b><u>Notice</u></b>	<b><u>Charts Affected</u></b>	<b><u>Description</u></b>
090/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Vishakhapatnam Harbour – Construction Work.
188/19	4013.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Shaheed Dweep Pier (Neill Island Pier) – Construction Work.
211/19	4043.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Ariel Bay – Construction Work.
237/19	41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Dredging.
244/19	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
090/21	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – wreck.
119/21	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – wreck.
177/21	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – wreck.
202/21	31 (INT 756) – 351 (INT 7419)	INDIA – EAST COAST – Paradip to Pussur River – Wreck.
064/22	31 (INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck.

<b>3. INDIA EAST COAST, ANDAMAN NICOBAR, SRI LANKA, BANGLADESH, MYANMAR. (Continued)</b>		
073/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
096/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
097/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
115/22	32 (INT 754) – 262 (INT 7365) – 223 – 224	INDIA – SOUTH COAST – Kolachel to Manappad – Jetty Construction.
128/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
139/22	351 (INT 7419)	INDIA – EAST COAST – Paradip to Pussur River – Buoy.
140/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
141/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
195/22	31 (INT 756)	INDIAN OCEAN – BAY OF BENGAL – Northern Portion (Krishnapatnam to Bassein River) – Drilling.
204/22	31 (INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
223/22	31 (INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
033/23	31 (INT 756)	INDIA OCEAN – BAY OF BENGAL – Northern Portion – Krishnapatnam to Bassein River – Anchorage.
040/23	32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 313 – 3001 (INT 7402) – 3028 (INT 7404).	INDIA – EAST COAST – Kamarajar Port – Jetty Construction.
042/23	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
059/23	3010 (INT 7418) – 3041	INDIA – EAST COAST – Paradip Anchorage – Buoys.
075/23	31 (INT 756) – 32 (INT 754) – 355 (INT 7405) – 391 – 3005	INDIA – EAST COAST – Machilipatnam Anchorage – Construction Activity.
076/23	31 (INT 756) – 32 (INT 754) – 354 (INT 7408) – 391 – 3042.	INDIA – EAST COAST – Approaches to Kakinada – Construction Activity.
077/23	31 (INT 756) – 32 (INT 754) – 355 (INT 7405) – 391 – 3008 – 3026.	INDIA – EAST COAST – Nizampatnam Anchorage – Construction Activity.
078/23	31 (INT 756) – 32 (INT 754) – 356 (INT 7400) – 391.	INDIA – EAST COAST – Chennai to Ramayapatnam – Construction Activity.
110/23	31 (INT 756)	INDIAN – OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck
146/23	31 (INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck.
151/23	351 (INT 7419).	INDIA – EAST COAST – Paradip to Pussur River – Buoy.
187/23	31 (INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.

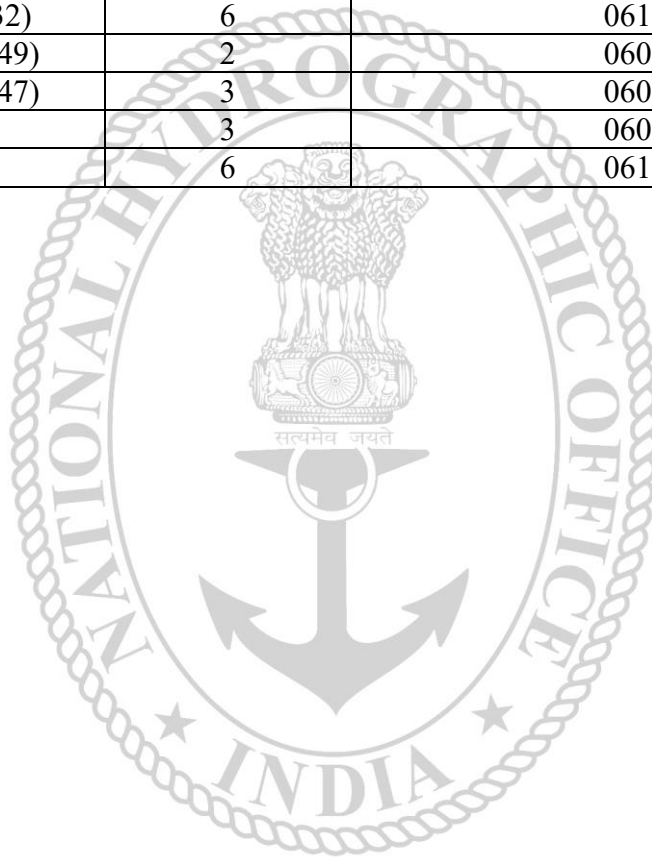
<b>3. INDIA EAST COAST, ANDAMAN NICOBAR, SRI LANKA, BANGLADESH, MYANMAR. (Continued)</b>		
074/24	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 304 – 305 – 308 (INT 7409) – 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 355 (INT 7405) – 356 (INT 7400) – 357 (INT 7397) – 391 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.
093/24	32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 313 – 3001 (INT 7402) – 3028 (INT 7404).	INDIA – EAST COAST – Kamarajar Port – Buoys.
133/24	41 (INT 757) – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	BAY OF BENGAL AND ANDAMAN SEA– Andaman Sea – Undersea Cable Maintenance.
156/24	31 (INT 756).	INDIA – EAST COAST – Paradip to Pussur River – Submarine Cable.
034/25	32 (INT 754) – 33 (INT 755) – 357 (INT 7397) – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	INDIA – EAST COAST – Bay of Bengal – Oil Rigs.
040/25	31 (INT 756), 7706 (INT 706), 7071 (INT 71), 7073 (INT 73)	INDIAN OCEAN -Bay of Bengal-Northern Portion – Wreck.
058/25	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 41 (INT 757) – 313 – 356 (INT 7400) – 357 (INT 7397) – 391 – 404 (INT 7439) – 405 (INT 7440) – 472 (INT 7032) – 473 (INT 7031) – 3001 (INT 7402) – 3004 (INT 7403) – 4115 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706) – 7707 (INT 707).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys and Tsunami Buoys.
051/25	31 (INT 756) – 41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA– Andaman Sea – Geotechnical Site Investigation Survey.
052/25	-	BAY OF BENGAL AND ANDAMAN SEA– Andaman Sea – Withdrawal of four Myanmar ENC's from AVCS product.
053/25	31 (INT 756).	INDIAN OCEAN -Bay of Bengal-Northern Portion – Wreck.

<b>4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA.</b>		
<b><u>Notice</u></b>	<b><u>Charts Affected</u></b>	<b><u>Description</u></b>
039/24	7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).	INDIAN OCEAN – Maldives to Sumatera – ADCP Moorings.

**SECTION – I**

The list of charts affected by the Notices 060 to 062 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	062
33 (INT 755)	5	061
41 (INT 757)	6	061
268 (INT 7353)	4	062
273	4	062
294 (INT 7023)	4	062
295 (INT 7024)	4	062
408 (INT 7446)	6	061
472 (INT 7032)	6	061
2034 (INT 7349)	2	060
2101 (INT 7347)	3	060
2108	3	060
4165	6	061



**SECTION – II****PERMANENT NOTICES****\*060 (07/25) INDIA – WEST COAST – Hazira Port – Accompanying Block.**

Source: NHO Dehradun.

**Chart 2034 (INT 7349)** [previous update 158/23]

Insert accompanying block, centered on;

21° 04'·75N., 072° 37'·81E.

**Chart 2101 (INT 7347)** [previous update 161/23]

Insert accompanying block, centered on;

21° 05'·29N., 072° 37'·25E.

**Chart 2108** [previous update 161/23]

Insert accompanying block, centered on;

21° 04'·77N., 072° 38'·40E.

**\*061 (07/25) INDIA – ANDAMAN SEA – NICOBAR ISLANDS – Bompoka Island – Rock.**

Source: IH – 102, INS Jamuna.

**Chart 33 (INT 755)** [previous update 036/25]

Insert



08° 11'·33N., 093° 12'·41E.

**Chart 41 (INT 757)** [previous update 141/24]

Insert



08° 11'·33N., 093° 12'·41E.

**Chart 472 (INT 7032)** [previous update 097/24]

Insert



08° 11'·33N., 093° 12'·41E.

**Chart 408 (INT 7446)** [previous update 073/18]

Insert



08° 11'·33N., 093° 12'·41E.

**Chart 4165** [previous update 074/15]

Insert



08° 11'·33N., 093° 12'·41E.

**\*062 (07/25) INDIAN OCEAN – CENTRAL LAKSHADWEEP – Radar Station, Pitti Stambh.**

Source: IH – 102, INS Sutlej.

**Chart 22 (INT 752)** [previous update 054/25]

Insert



10° 02'·41N., 072° 16'·95E.

Insert



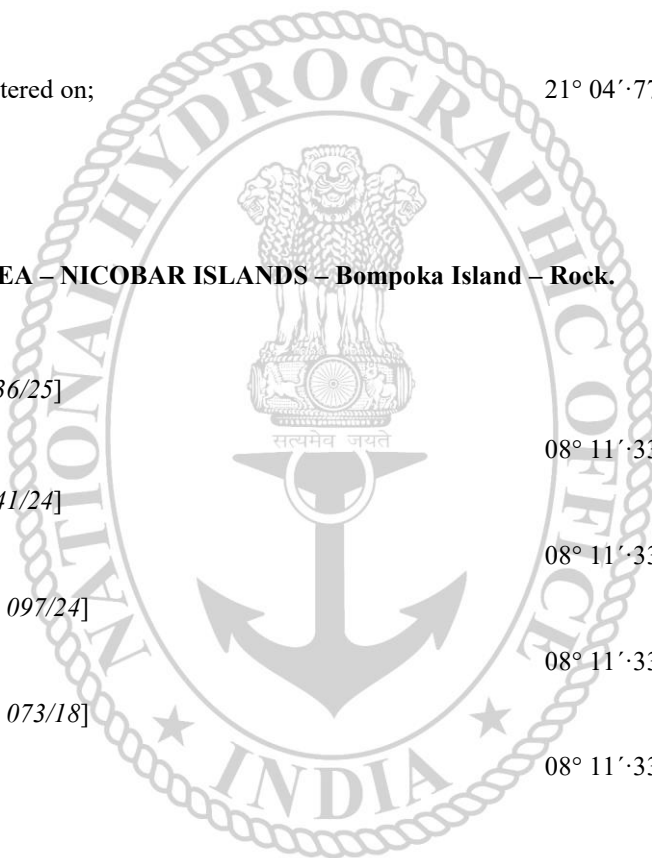
10° 46'·53N., 072° 32'·05E.

**Chart 294 (INT 7023)** [previous update 127/24]

Insert



10° 46'·53N., 072° 32'·05E.

**Chart 295 (INT 7024)** [previous update 044/25]

**\*062 (07/25) INDIAN OCEAN – CENTRAL LAKSHADWEEP – Radar Station, Pitti Stambh. (Continued)**

Insert  10° 02'·41N., 072° 16'·95E.

Insert  10° 46'·53N., 072° 32'·05E.

**Chart 273** [previous update 044/25]

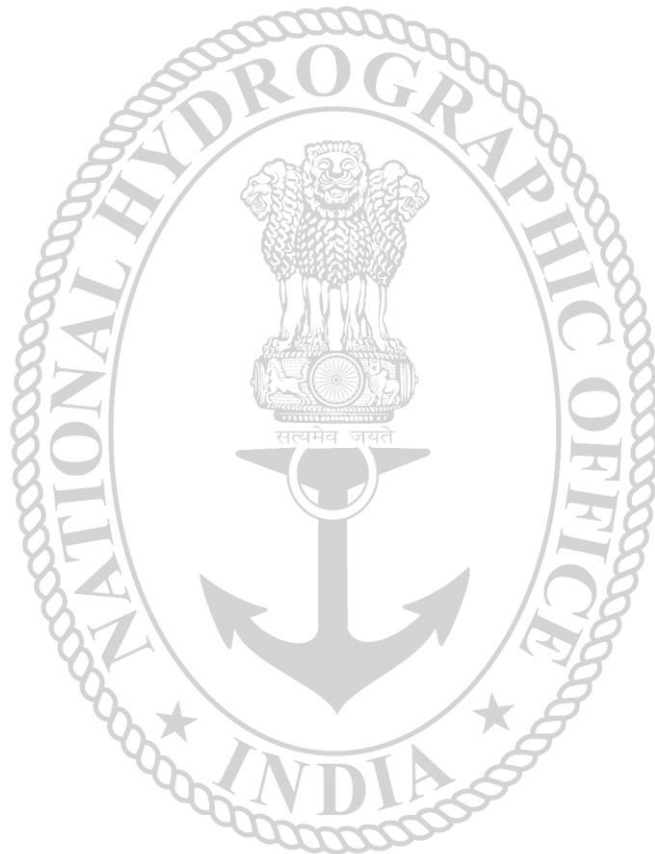
Insert  10° 02'·41N., 072° 16'·95E.

Insert  10° 46'·53N., 072° 32'·05E.

**Chart 268 (INT 7353)** [previous update 044/25]

Insert  10° 02'·41N., 072° 16'·95E.

Insert  10° 46'·53N., 072° 32'·05E.



**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](http://www.hydrobharat.gov.in).

**NIL**



## **SECTION – IV**

### **MARINE INFORMATION**

#### **1. NAVTEX TRANSMISSION**

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

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

NAVTEX stations along the Indian coast:-

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

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

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

#### **3. DISPLAY ANOMALIES IN ECDIS**

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

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



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

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

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

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

#### 5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

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

(a) Under GMDSS, the usage of Iridium Mobile Satellite communication equipment in the Indian Waters are considered subject to the conditions as outlined under;

(aa) 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 on board ship and the portable Iridium sets may not be carried onto Indian Land Territory.

(ab) 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.

(ac) 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).

(b) 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.

(c) 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.

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

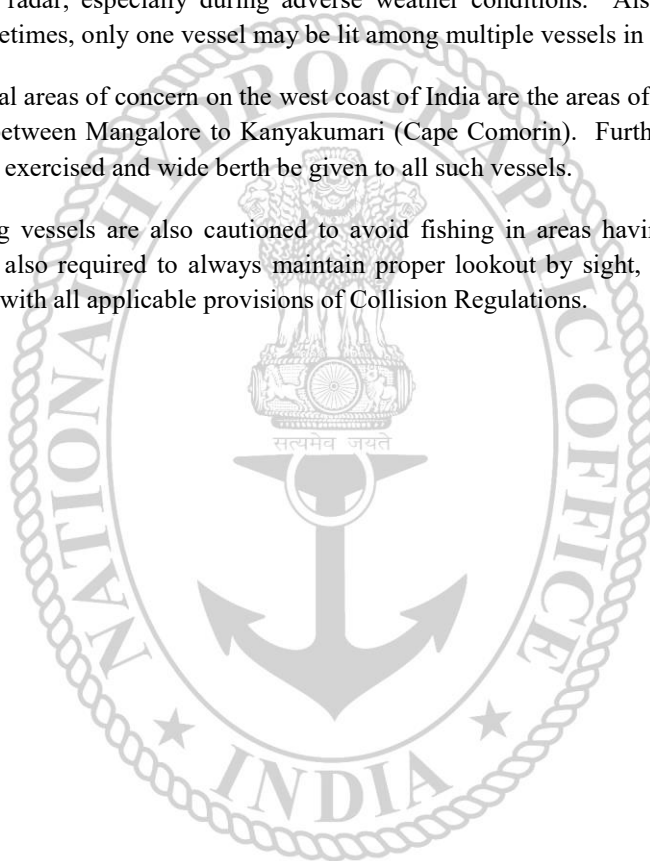
(e) This DGS Order No. 09 of 2023 is to be referred for detailed information on this subject.

## 7. **CAUTIONARY NOTE**

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

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

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



### List of Indian Chart Agents

<b>M/s Lift o Marine</b> Allen's Mansion, C6 Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: +91 33 24924283 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a> , <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a>	<b>M/s Global Charts &amp; Nav. Aids Pvt. Limited</b> 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: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a>
<b>M/s L. R. Marine Services</b> 301, 3rd Floor, Birya 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: <a href="mailto:lcharts@gmail.com">lcharts@gmail.com</a> , <a href="mailto:lrmarine@live.com">lrmarine@live.com</a>	<b>SMS Marine Private Ltd</b> 505, Raheja Arcade, Sector 11 CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> , <a href="mailto:raj.chakravorty@smsmaps.com">raj.chakravorty@smsmaps.com</a> Web: <a href="http://www.smsmaps.co.in">www.smsmaps.co.in</a>
<b>M/s JM Maritime Services</b> 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road Mumbai – 400 009 Tel: +91 22 23736756 Fax: 022 - 23725083 Cell: +91 9820788357 Email : <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a> , <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a>	<b>M/s VDO Marine Insrtuments</b> PO Bag No – 645, 45/271 Corner of Bristow & Naval Road, Willington Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: <a href="mailto:atmain@md4.vsnl.net.in">atmain@md4.vsnl.net.in</a>
<b>M/s CNC</b> Office No. S-12-92, Haware's Centurion Premises Cop, Soc. Ltd Plot no 88-91 Sector 19, Nerul Navi Mumbai – 400706 Web: <a href="http://emariner.net">emariner.net</a>	

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

1. All in force NAVAREA and NAVTEX messages are available for visualisation along with details of affected Charts and ENC's for Mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on [www.hydrobharat.gov.in](http://www.hydrobharat.gov.in).
2. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2024.
3. NAVAREA VIII Warnings in force as on 31 Mar 25: -

<b>2023 SERIES</b> -	161	386	484	574	703	733	748	750	929	1046	1057												
<b>2024 SERIES</b> -	180	188	215	317	539	550	584	600	604	669	691	707	709	791	817	843	901	947	958				
	1063	1089	1111																				
<b>2025 SERIES</b> -	015	035	044	046	063	073	091	093	094	104	106	122	146	150	151	164	193	196	200				
	201	202	203	208	224	228	229	231	233	234	237	239	240	241	244	245	246	247	257	267	268	270	
	272	273	274	275	278	279	280	284	287	290	292	294	295	297	298	299	300	301	302	303	305	306	
	307	308	309	310	311																		

4. NAVAREA VIII Warnings issued during the period from 16 Mar 25 to 31 Mar 25 (both dates inclusive) are as tabulated below: -

<b>252. India West Coast - off Kochi.</b> Charts IN 22 273 7707 INT 707. Firing scheduled from 171230 to 191800 UTC Mar 25 in danger area bounded by 08-11N 074-55E, 09-10N 075-18E, 09-52N 073-32E, 09-14N 073-01E. Wide berth from area advised. 2. Cancel this MSG 191900 UTC Mar 25.
<b>253. India West Coast - off Ponnani.</b> Charts IN 22 220 259 INT 7356. Firing by CG aircraft scheduled 20, 21, 26, 27 and 28 Mar 25 from 0330 to 0830 UTC in danger area bounded by 10-30N 075-55E, 10-48N 075-50E, 10-45N 075-30E, 10-15N 075-35E. Wide berth from area advised. 2. Cancel this MSG 280930 UTC Mar 25.
<b>254. India West Coast - off Trivandrum.</b> Charts IN 22 222 260 261 INT 752. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled from 190530 to 190700 UTC Mar 25. 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 190800 UTC Mar 25.
<b>255. India East Coast - Visakhapatnam.</b> Charts IN 31 354 391 3002 INT 7408. Firing scheduled from 190400 to 190500 UTC Mar 25 in danger area bounded by (a) 17-42N 083-18E (b) 17-48N 083-35E (c) 17-31N 083-32E and ARC of 17 nm radius joining point b and c. Wide berth from area advised. 2. Cancel this MSG 190600 UTC Mar 25.
<b>256. Cancel NAVAREA VIII MSG 003/25, 024/25, 095/25, 121/25, 124/25, 154/25, 163/25, 190/25, 212/25, 215/25 and this MSG. INTM 057(T) of 06/25 refers.</b>
<b>257. India West Coast.</b> Charts IN 21 255 292 INT 7334. Rig move. Gd chaaru (18-55.59N 072-02.48E). INTM 057(T) of 06/25 refers. Wide berth requested.
<b>258. India West Coast - off Mormugao.</b> Charts IN 22 292 293 7071 INT 71. (a) firing scheduled in danger area bounded by 14-49N 073-20E, 13-54N 073-46E, 13-44N 073-18E, 14-00N 072-26E, 14-33N 071-26E, 15-36N 071-50E (b) trials of autonomous system in danger area bounded by 15-37N 072-34E, 13-55N 073-28E, 14-18N 074-15E, 16-00N 073-19E from 171930 to 191800 UTC Mar 25. Wide berth from area advised. 2. Cancel this MSG 191900 UTC Mar 25.
<b>259. India West Coast.</b> Charts IN 21 292 7071 INT 71. Firing scheduled from 171930 to 221800 UTC Mar 25 in danger areas bounded by (a) 20-48N 069-51E, 21-56N 068-42E, 21-46N 067-34E, 20-26N 066-54E, 20-14N 066-58E (b) 20-00N 070-00E, 20-00N 071-02E, 20-36N 071-22E, 20-38N 070-24E (c) 18-38N 070-56E, 19-39N 070-26E, 19-36N 068-33E, 18-12N 069-20E. Wide berth from area advised. 2. Cancel this MSG 221900 UTC Mar 25.
<b>260. India East Coast - off Chennai.</b> Charts IN 32 356 391 INT 7400. Firing by CG aircraft scheduled 21 and 28 Mar 25 from 0130 to 1130 UTC 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 281230 UTC Mar 25.
<b>261. Southern Indian Ocean.</b> Charts IN 7070 7073 7707 INT 707. Space debris predicted from 211000 to 211600 UTC Mar 25 in danger area bounded by 09-27S 089-17E, 09-20S 088-45E, 06-42S 089-16E, 06-48S 089-48E. Wide berth from

<b>261. Continued.</b> area advised. 2. Cancel this MSG 211700 UTC Mar 25.
<b>262. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Firing scheduled from 210030 to 210830 UTC Mar 25 in danger area bounded by 17-35.40N 083-53.10E, 17-49.20N 084-08.50E, 17-36N 084-24.30E, 17-21.50N 084-08.90E. Wide berth from area advised. 2. Cancel this MSG 210930 UTC Mar 25.
<b>263. India West Coast - Gulf of Kachchh.</b> Charts IN 21 203 2068 INT 7319. Channel Marking buoy Vlcc (22-36.20N 069-16.60E) retrieved for maintenance. 2. Cancel NAVAREA VIII MSG 481/24.
<b>264. India West Coast.</b> Charts IN 21 255 292 INT 7334. Rig move. Trident 12 (19-19.83N 071-15.33E) demobilised. 2. Cancel this MSG 191000 UTC Mar 25.
<b>265. Cancel NAVAREA VIII MSG 235/25 and this MSG.</b>
<b>266. India West Coast - off Dabhol.</b> Charts IN 22 293 7071 INT 752. Firing scheduled from 190330 to 211829 UTC Mar 25 in danger area bounded by 17-54N 069-20E, 18-18N 072-10E, 16-44N 073-06E, 16-36N 069-56E. Wide berth from area advised. 2. Cancel this MSG 211929 UTC Mar 25.
<b>267. India West Coast - off Mormugao.</b> Charts IN 22 293 294 7705 INT 705. Firing scheduled from 240001 to 261530 UTC Mar 25 and 020001 to 041530 UTC Apr 25 in danger area bounded by 14-33N 071-26E, 15-15N 070-18E, 16-04N 070-55E, 16-52N 071-33E, 16-24N 072-09E, 15-48.19N 072-48.21E, 14-56N 073-07.19E, 14-49.15N 073-20.39E, 13-54.93N 073-46.07E, 13-44N 073-18E, 14-00N 072-26E. Wide berth from area advised. 2. Cancel this MSG 041630 UTC Apr 25.
<b>268. India West Coast - off Daman.</b> Charts IN 21 254 292 INT 7331. Vyacheslav tikhonov will carry out seismic survey from 20 Mar to 20 Apr 25 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 201830 UTC Apr 25.
<b>269. India West Coast - off Kollam.</b> Charts IN 22 7706 INT 752. Firing scheduled 22 and 23 Mar 25 from 0430 to 1130 UTC in danger area bounded within 08-30N to 08-45N and 075-15E to 075-30E. Wide berth from area advised. 2. Cancel this MSG 231230 UTC Mar 25.
<b>270. Andaman Sea - Duncan Passage.</b> Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled 23 to 29 Mar 25 from 0400 to 0500 UTC and 0900 to 1000 UTC in danger area bounded by 11-15N 092-30E, 11-14N 092-42E, 11-20N 092-55E, 11-05N 092-55E, 11-00N 092-30E. Wide berth from area advised. 2. Cancel this MSG 291100 UTC Mar 25.
<b>271. Southern Indian Ocean.</b> Charts IN 7070 7072 INT 72. Space debris predicted from 24 to 30 Mar 25 between 1849 UTC and 2058 UTC in area bounded by 54-18S 084-05E, 53-02S 087-47E, 23-06S 060-45E, 24-22S 058-21E. Wide berth from area advised. 2. Cancel this MSG 302158 UTC Mar 25.
<b>272. Andaman Sea.</b> Charts IN 41 403 473 INT 7437. Rig move. Blackford dolphin (12-37.51N 093-07.07E). Wide berth of 02 nm requested 2. Cancel NAVAREA VIII MSG 108/25.
<b>273. India West Coast - off Okha.</b> Charts IN 21 202 251 INT 7318. Ahts asl scorpio and barge prestige will carry out installation works from 21 Mar to 30 jun 25 in vicinity of 22-37.25N 068-27.15E, 22-36.82N 068-26.14E. Wide berth requested. 2. Cancel this MSG 301830 UTC jun 25.
<b>274. India West Coast - off Vijaydurg.</b> Charts IN 22 213 256 INT 7340. Orion laxmi will carry out survey from 21 to 31 Mar 25 in area bounded by 16-40.04N 073-09.70E, 16-40.14N 073-17.53E, 16-28.77N 073-17.19E, 16-28.74N 073-09.52E. Wide berth requested. 2. Cancel this MSG 311830 UTC Mar 25
<b>275. India West Coast - off Okha.</b> Charts IN 21 202 251 INT 7318. Barge freight 75, ahts Maria, barge conquest and ahts triton grace will carry out installation works from 21 Mar to 30 jun 25 in vicinity of 22-37.25N 068-27.15E, 22-36.82N 068-26.14E. Wide berth requested. 2. Cancel this MSG 301830 UTC jun 25.
<b>276. Andaman Sea - Keating Point.</b> Charts IN 407 4161 INT 7445. Dgnss (09-15.36N 092-46.50E) inoperative.
<b>277. India West Coast - off Alappuzha.</b> Charts IN 22 221 260 INT 7362. Subsurface firing scheduled 25 and 26 Mar 25 from 0330 to 1130 UTC in danger area bounded within 09-17N to 09-22N and 075-44E to 075-49E. Wide berth from area advised. 2. Cancel this MSG 261230 UTC Mar 25.
<b>278. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021. Cs recorder will carry out cable laying operations from 22 to 29 Mar 25 in area bounded by 18-22.57N 070-33.00E, 18-19.15N 070-33.74E, 18-12.62N 068-12.60E, 18-16.08N 068-13.11E. Wide berth of 01 nm requested. 2. Cancel this MSG 291830 UTC Mar 25.

<b>279. Arabian Sea.</b> Charts IN 7071 7072 7705 INT 705. Sw thuridur progressing seismic survey in area bounded by 12-23.59N 068-27.48E, 11-58.38N 067-58.59E, 11-49.49N 065-25.85E, 14-15.01N 064-44.13E, 14-15.54N 064-17.78E, 18-44.17N 063-02E, 19-13.18N 063-36.14E, 22-12.63N 067-11.81E, 23-10.17N 067-48.59E, 23-00.09N 068-06.53E, 21-47.75N 067-26.39E, 20-10.62N 065-20.37E, 13-35.70N 067-09.25E, 13-38.15N 069-08.58E. Wide berth requested. 2. Cancel this MSG 041830 UTC Apr 25.
<b>280. India West Coast - Dabhol Port.</b> Charts IN 212 256 2065 INT 7340. Navigational dolphin lights nd1 (17-31.46N 073-08.72E), Nd2 (17-31.03N 073-08.87E), Nd3 (17-31.10N 073-08.50E), Nd4 (17-32.07N 073-07.47E) inoperative.
<b>281. Cancel NAVAREA VIII MSG 640/24 and this MSG.</b>
<b>282. NAVAREA VIII - Warnings in force as on 21 Mar 2025.</b> <b>2023 Series</b> - 161 386 484 574 703 733 748 750 929 1046 1057 <b>2024 Series</b> - 180 188 215 317 539 550 584 600 604 669 691 707 709 791 817 843 901 947 958 1063 1089 1111 1113 1118 <b>2025 Series</b> - 015 035 044 046 063 073 091 093 094 104 106 122 146 150 151 164 172 180 189 192 193 196 200 201 202 203 206 207 208 213 219 222 224 228 229 231 233 234 237 239 240 241 244 245 246 247 250 253 257 259 260 263 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 (a) NAVAREA VIII warnings less than 42 days promulgated via safetynet. (b) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> . 2. Cancel this MSG 281000 UTC Mar 25.
<b>283. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Firing scheduled from 260200 to 260430 UTC Mar 25 in danger area bounded within 17-10N to 17-30N and 083-45E to 084-10E. Wide berth from area advised. 2. Cancel this MSG 260530 UTC Mar 25.
<b>284. India East Coast - off Balasore.</b> Charts IN 31 351 7706 INT 756. Experimental flight trials scheduled 27 to 29 Mar 25 from 0430 to 0630 UTC and 0900 to 1100 UTC in danger area bounded by 21-14.92N 086-48.63E, 19-45.78N 087-48.07E, 21-02.72N 088-52.75E, 21-28.55N 087-59.30E, 21-35.58N 087-10.70E. Wide berth from area advised. 2. Cancel this MSG 291200 UTC Mar 25.
<b>285. India East Coast - off Sagar I.</b> Charts IN 31 351 INT 7419. Firing by cg aircraft scheduled from 260430 to 261030 UTC Mar 25 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 261130 UTC Mar 25.
<b>286. India West Coast - Okha.</b> Charts IN 21 203 292 INT 7021. Firing scheduled from 270530 to 270730 UTC Mar 25 in danger area bounded by 22-39.40N 069-09.32E, 22-28.45N 069-17.00E, 22-28.45N 068-51.05E, 22-35.39N 068-53.25E. Wide berth from area advised. 2. Cancel this MSG 270830 UTC Mar 25.
<b>287. Indian Ocean - off Reunion.</b> Charts IN 7702 BA 712 INT 7730. Cs leon thevenin will carry out cable laying operations from 25 Mar to 04 Apr 25 in area bounded by 20-29.63S 056-12.28E, 20-32.60S 056-09.85E, 20-44.92S 056-27.80E, 20-41.46S 056-29.77E. Wide berth of 01 nm requested. 2. Cancel this MSG 041830 UTC Apr 25.
<b>288. India East Coast - off Visakhapatnam.</b> Charts IN 31 354 391 INT 7408. Firing scheduled from 250030 to 250830 UTC Mar 25 in danger area bounded by 17-35.40N 083-53.10E, 17-49.20N 084-08.50E, 17-36N 084-24.30E, 17-21.50N 084-08.90E. Wide berth from area advised. 2. Cancel this MSG 250930 UTC Mar 25.
<b>289. Lakshadweep Sea - off Kavaratti I.</b> Charts IN 268 273 2023 INT 7353. Firing scheduled from 280130 to 281130 UTC Mar 25 in danger areas bounded by (a) 10-33.32N 072-38.05E, 10-32.54N 072-38.72E, 10-31.92N 072-37.90E, 10-32.60N 072-37.25E (b) 10-34.50N 072-37.10E, 10-34.50N 072-25.00E, 10-44.50N 072-25.00E, 10-44.50N 072-37.10E. Wide berth from area advised. 2. Cancel this MSG 281230 UTC Mar 25.
<b>290. Bay of Bengal.</b> Charts IN 7073 7706 INT 706. Sw bly progressing seismic survey in area bounded by 13-32.42N 083-26.87E, 16-19.40N 086-31.29E, 18-08.31N 089-18.23E, 16-44N 089-25E, 15-42N 090-13E, 15-30.27N 090-33.08E, 10-59.65N 089-10.69E, 10-42.31N 087-52.88E, 11-27N 083-24E, 11-25.11N 083-12.18E. Wide berth of 02 nm requested. 2. Cancel this MSG 141830 UTC Apr 25.
<b>291. India West Coast - Suratkal.</b> Charts IN 22 217 258 INT 7348. Dgps (13-00.29N 074-47.39E) transmission will be switched off from 260330 to 271330 UTC Mar 25 for maintenance. 2. Cancel this MSG 271330 UTC Mar 25.
<b>292. India West Coast - off Mormugao.</b> Charts IN 214 257 293 INT 7343. Survey being carried out from 26 Mar to 16 Apr 25 in area bounded by 15-36.26N 073-19.71E, 15-35.30N 073-40.58E, 15-14.76N 073-45.95E, 15-08.30N 073-31.52E. Wide berth requested. 2. Cancel this MSG 161830 UTC Apr 25.
<b>293. Cancel NAVAREA VIII MSG 263/25 and this MSG.</b>
<b>294. Gulf of Mannar - off Kanyakumari.</b> Charts IN 22 223 262 INT 7365. Lidar buoy deployed at 07-54.16N 077-39.84E for meteorological and oceanographic observations. Wide berth of 02 nm requested.

<b>294. Continued.</b>
2. Cancel this MSG 261830 UTC May 25.
<b>295. India West Coast - off Mormugao.</b> Charts IN 22 294 INT 7023. Hydrographic survey being progressed in area bounded by 13-29N 073-47.50E, 13-29N 073-55.50E, 13-20N 073-55.50E, 13-20N 073-52E, 14-28N 072-52E, 14-28N 072-47E, 15-04.70N 072-47E, 15-04.70N 072-58E, 14-44N 072-58E, 14-44N 073-47.50E. Wide berth requested.
2. Cancel this MSG 301830 UTC Mar 25.
<b>296. Cancel NAVAREA VIII MSG 250/25 and this MSG.</b>
<b>297. India East Coast - off Visakhapatnam.</b> Charts IN 31 391 INT 756. Firing scheduled from 290930 to 291330 UTC mar 25 in danger area bounded within 15-50N to 16-20N and 083-30E to 083-50E. Wide berth from area advised.
2. Cancel this MSG 291430 UTC Mar 25.
<b>298. India West Coast - off Porbandar.</b> Charts IN 21 252 292 INT 7325. Firing by cg aircraft scheduled 02, 03, 08, 09, 16, 17, 23, 24, 29 and 30 Apr 25 from 0330 to 0830 UTC 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 300930 UTC Apr 25.
<b>299. Indian Ocean.</b> Charts IN 7071 7707 INT 71. Space debris predicted 01 to 07 Apr 25 from 0229 to 0752 UTC in danger area bounded by 07-25N 087-58E, 07-21N 086-58E, 21-02S 088-39E, 20-58S 089-43E. Wide berth from area advised.
2. Cancel this MSG 070852 UTC Apr 25.
<b>300. India East Coast - off Balasore.</b> Charts IN 31 351 7706 INT 756. Experimental flight trials scheduled 31 Mar to 02 Apr 25 from 0400 to 0600 UTC and 0900 to 1100 UTC in danger area bounded by 20-39.93N 087-03.72E, 20-31.42N 087-22.87E, 20-59.62N 088-14.20E, 21-34.88N 087-52.47E, 21-27.02N 086-58.75E, 21-19.77N 086-51.78E, 21-07.23N 087-01.18E, 20-45.80N 087-00.22E. Wide berth from area advised.
2. Cancel this MSG 021200 UTC Apr 25.
<b>301. India West Coast.</b> Charts IN 21 255 292 INT 7334. Rig move. Aban IV (19-37.39N 071-21.56E), Virtue 1 (18-36.10N 071-01.60E), Gd chitra (19-26.18N 071-19.56E). INTM 057(T) of 06/25 refers. Wide berth requested.
<b>302. India West Coast - Gulf of Kachhh.</b> Charts IN 21 203 2068 INT 7319. Channel marking buoy Gurur (22-35.40N 068-57.80E) retrieved for maintenance.
<b>303. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021. Coastal surveyor progressing survey in vicinity of 20-58.71N 071-56.98E, 20-53.91N 072-04.31E, 20-10.15N 072-23.87E, 19-04.52N 072-03.17E, 18-40.05N 071-17.65E, 18-47.89N 071-08.04E, 20-31.61N 071-35.06E. Wide berth requested.
2. Cancel this MSG 071830 UTC Apr 25.
<b>304. Cancel NAVAREA VIII MSG 172/25, 219/25, 271/25 and this MSG.</b>
<b>305. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 73. Space debris predicted from 01 to 30 Apr 25 in area bounded by 08-53S 092-28E, 07-46S 089-27E, 30-12S 061-09E, 40-45S 002-21W, 42-56S 002-24W, 32-16S 063-10E. Wide berth from area advised.
2. Cancel this MSG 010059 UTC May 25.
<b>306. Bay of Bengal - off Bangladesh.</b> Charts IN 31 BA 90 817 INT 756. Firing by Bangladesh navy scheduled 01 to 30 Apr 25 (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.
2. Cancel this MSG 301700 UTC Apr 25.
<b>307. India East Coast - off Nagapattinam.</b> Charts IN 32 357 INT 7397. Kalimman thunai will carry out survey from 01 to 15 Apr 25 in area bounded by 10-43.95N 079-51.24E, 10-43.74N 080-07.65E, 10-50.81N 080-07.40E, 10-50.69N 079-51.20E. Wide berth of 02 nm requested.
2. Cancel this MSG 151830 UTC Apr 25.
<b>308. Cancel NAVAREA VIII MSG 276/25 and this MSG.</b>
<b>309. NAVAREA VIII - Warnings in force as on 28 Mar 2025.</b>
<b>2023 Series</b> - 161 386 484 574 703 733 748 750 929 1046 1057
<b>2024 Series</b> - 180 188 215 317 539 550 584 600 604 669 691 707 709 791 817 843 901 947 958 1063 1089 1111
<b>2025 Series</b> - 015 035 044 046 063 073 091 093 094 104 106 122 146 150 151 164 193 196 200 201 202 203 208 224 228 229 231 233 234 237 239 240 241 244 245 246 247 257 267 268 270 272 273 274 275 278 279 280 284 287 290 292 294 295 297 298 299 300 301 302 303 305 306 307 308
(a) NAVAREA VIII warnings less than 42 days promulgated via safetynet
(b) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> .
2. Cancel this MSG 041000 UTC Apr 25.

<p><b>310. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021. Cs recorder will carry out cable laying operations from 29 Mar to 19 Apr 25 in areas bounded by (a) 18-42.89N 071-51.49E, 18-48.26N 072-04.07E, 18-59.15N 072-34.19E, 18-55.82N 072-35.29E, 18-51.11N 072-27.44E, 18-39.53N 071-52.76E (b) 18-25.52N 071-00.25E, 18-29.01N 070-59.77E, 18-22.56N 070-32.96E, 18-19.15N 070-33.68E. Wide berth of 01 nm requested.</p> <p>2. Cancel this MSG 191830 UTC Apr 25.</p>
<p><b>311. India West Coast - Gulf of Kachhh.</b> Charts IN 21 251 271 INT 7318. Barge Jtn 282 will carry out installation works from 31 mar to 30 jun 25 in vicinity of 23-37.25N 068-27.15E, 22-36.83N 068-26.14E. Wide berth requested.</p> <p>2. Cancel this MSG 301830 UTC Jun 25.</p>





## **SECTION – VI**

### **CORRECTIONS TO SAILING DIRECTIONS (PILOTS)**

#### **West Coast of India Pilot (INP-1)**

#### **Chapter – 8 (Page 316)**

(Source: Pipavav Port Ltd.)

#### ***Article 8.124, Para 4, Delete and replace by:***

4 **Notice of ETA** 72, 48, 24 and 12 hours, notice of ETA should be sent to the Port control.

#### ***Article 8.124, Para 7, Delete and replace by:***

#### **7 Regulation Concerning Entry.**

- (a) Vessels must adhere to the Merchant Shipping (Regulations of Entry of Ships into Ports, Anchorages, and Offshore Facilities) Rules, 2012.
- (b) Vessels must comply with Merchant Shipping Notice No. 01 of 2024 regarding the Implementation of the Maritime Single Window.
- (c) Vessels are prohibited from entering the buoyed channel without a pilot.

#### ***Article 8.124, Para 10 & 11, Delete and replace by:***

10 **Turning Circle.** A turning circle of diameter 550m exists abreast of GP 2/3 berth.

11 **Communication.** Port control may be contacted on VHF channel 16 & 71 for pilotage and anchorage information. It may also be contacted on Email [ids-inppvportcontrol@apmterminals.com](mailto:ids-inppvportcontrol@apmterminals.com) (Port Control) and [ramesh.korlapu@apmterminals.com](mailto:ramesh.korlapu@apmterminals.com) (Harbour Master).

#### ***Article 8.126, Para 1, Berths, line 5, Delete and replace by:***

offers to berth LPG vessels of 240m length.

#### ***Article 8.126, Para 2, Delete and replace by:***

2 **Tides.** The tidal pattern is semi-diurnal. The range of tide is about 1 m in Neap and 3 to 4.5 m during spring.

#### ***Article 8.127, Para 4, line 4, Delete and replace by:***

the UTCL jetty. The Pilot or Port Control room will guide and monitor the vessel's passage to this pilot boarding position.

#### ***Article 8.129, Para 2 & 3, Delete and replace by:***

2 **Recommended anchorage** co-ordinates are as follows: -  
 20°54'.00 N 71°31'.49 E, 20°53'.29 N 71°31'.49 E,  
 20°53'.14 N 71°32'.07 E, 20°53'.57 N 71°33'.00 E,  
 20°53'.99 N 71°33'.00 E

3 **Prohibited Anchorage** area co-ordinates are as follows: -

20°53'.82 N 71°29'.50 E, 20°52'.50 N 71°29'.50 E,  
 20°52'.50 N 71°31'.00 E, 20°54'.25 N 71° 31'.00 E

#### ***Article 8.129, Para 5 & 6, Delete and replace by:***

5 **Berths.** Pipavav Port is located on the northern shore of the West Channel. The main jetty, supported by piles, is aligned along 051°-231°. Berths No. 1, 2, and 3 form a continuous quay of 689 meters, with a berth pocket dredged to 14.5 meters. Berth No. 4 is on a 380-meter quay with a berth pocket dredged to 15.0 meters.

6 An LPG berth, aligned with Berth No. 4, handles both liquid cargo and LPG vessels, with a depth of 13.0 meters. This LPG berth features a Dolphin Jetty design, with a 65-meter loading platform for the vessel's parallel body. The jetty face of Berth No. 4/LPG jetty is offset about 50 meters into the channel compared to Berths No. 1 to 3.

7 Berths No. 1, 2, and 3 can handle vessels with a maximum displacement of 100,000 MT, while Berth No. 4 can accommodate vessels with a maximum displacement of 150,000 MT. The LPG berth can handle VLGCs with a maximum displacement of 50,000 MT.

8 **Fenders & Bollards.** All the berths feature a Cone Fendering System, which includes cone fenders, frontal frames, and low friction facia pads. Each fender is accompanied by a bollard on the jetty for mooring operations. Berths No. 1, 2, 3, and 4 have 63 bollards with capacities of 100 and 200 MT. The fenders and bollards at Berths No. 1, 2, and 3 are typically spaced about 18.75 meters apart, while at Berth No. 4, the bollard spacing is about 15 meters. To accommodate the ramp of RORO vessels, bollards numbered 14 (GP1), 32 (GP3), and 61 (GP4) have been removed. The liquid jetty is equipped with quick release mooring hooks (QRMH), bollards, and capstans.

#### ***Article 8.130, Para 2 & 3, Delete and replace by:***

2 **Waste Disposal.** Arrangements for reception of ships garbage and waste oil are available through registered vendors. Further details can be availed from the Port's website- <https://www.apmterminals.com/pipavav>.

3 **Shore Leave** is permitted subject to immigration approval. Agents must secure immigration permission and necessary shore passes for the ship's crew. Crew changes can be arranged, and visits to see a doctor for medical attention can also be organized through the vessel agents.

## SECTION – VII

### CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristis	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
<b>D7297-08</b>	- Ldg Lts 270°. Front	29 38.82 N 32 19.01 E *	2 F WG (vert)	15	9	White metal column	..
<b>D7338-7</b>	JAZIREH-YE HENGAM - Salakh	26 40.59 N 55 44.02 E *	Fl(2)G 5s *	..	5	Green beacon	..
<b>D7339-1</b>	- Salakh	26 40.46 N 55 44.02 E *	Fl(2)R 5s *	..	5	Red beacon	..
<b>D7363-3715</b>	- Al Jubail. AJ-26A	24 32.79 N 54 27.44 E *	Fl R 3s *	..	..	Red beacon	..
<b>D7363-372</b>	ABU ZABI Remove from list; deleted						
<b>D7363-3731</b>	Renumbered; was previously D7363.3735						
	- Saadiyat. Marina. AJ-28B	24 32.89 N 54 27.40 E *	Fl(4)Y 10s	..	3	Yellow beacon	..
<b>D7363-3735</b>	Remove from list; renumbered to D7363.3731						
<b>D7363-3737</b>	Remove from list; renumbered to D7363.455						
<b>D7363-377</b>	ABU ZABI Remove from list; deleted						
<b>D7363-378</b>	Remove from list; deleted						
<b>D7363-455</b>	Renumbered; was previously D7363.3737						
	- Rabadan. Marina	24 25.20 N 54 29.21 E *	Fl(4)Y 10s	..	3	Yellow beacon	..
<b>D7656-4</b>	KHOWR-E MUSA Remove from list; deleted						
<b>D7699-45</b>	JAZIREH-YE-QESHM - Tor'eh-ye Khvoran	26 58.42 N 55 45.00 E *	Fl G 5s *	..	3	Green beacon Δ	..
<b>D7709-96</b>	Khovr-e Minab	27 04.23 N 56 44.62 E *	Fl(2)W 6s	1	5	..	..
<b>F1202-58</b>	SOUTH ANDAMAN ISLAND - North Passage Island. Cape Portman	12 18.58 N 92 56.04 E	Fl W 5s	29	13	..	..
<b>F1413-1</b>	- Ldg Lts 196.5°. Rear. 1M from front	01 11.77 N 102 09.38 E	Fl W 3s	13	8 *	White Δ on white beacon	fl 0-3



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

### **INP 31(1), 2024**

(Last correction: Edition No. 01 dated 01 Jan 2025)

PAGE 57, MAURITIUS, MAURITIUS RADIO (3BM)

Delete and replace by:

MAURITIUS (3BM)			20°09.25'S 57°29'.14E
MMSI 006452700	DSC VHF MF HF 4 6 8 12 & 16 MHz	OBS	
 +230 2085950 +230 2110839 (SAR)		 +230 2110838	
Inmarsat BGAN: 772391532 Inmarsat C: (AOR-E): 422800213=TEST X (IOR) :422800213=TEST X		E-mail: 3bm.mrs@telecom.mu	
<b>NOTE:</b> 1. Station accepts Ship's Weather Reports addressed METEO MAURITIUS. 2. Preferred consultation languages with other countries are English and French.			

### **VHF**

Albion	20°12'00S 57°24'00E	Ch 16	H24
Belle Mare	20°11'00S 57°46'00E		
Cap Malheureux	19°59'00S 57°36'00E		
Souillac	20°30'00S 57°31'00E		

### **RT (MF)**

	Position	Transmits	Receives	Hours of Watch
Belle Mare	20°11'00S 57°46'00E	2182	2182	H24
Cassis	20°09'00S 57°28'00E			

### **RT (MF)**

	Position	Transmits	Receives	Hours of Watch
		4125	4125	H24
		4402 (Ch 416)	4110	
		6215	6215	
		6507 (Ch 603)	6206	
		8291	8291	
		8800 (Ch 828)	8276	
		12290	12290	
		13110 (Ch 1212)	12263	
		16420	16420	
		17296 (Ch 1619)	16414	

### **INP 31(2), 2024**

(Last correction: INP 31(2), 2019, Edition No. 19 dated 01 Oct 2024)

NIL

### **INP 31(5), 2021**

(Last correction: Edition No. 01 dated 01 Jan 2025)

NIL

**INP 31(6), 2023***(Last correction: Edition No. 06 dated 16 Mar 2025)***PAGE 158, OMAN, DUQM**

Delete and replace by:

**DUQM (AD DUQM)**

UNCTAD LOCODE: OM DQM

**19°41'N 57°44'E****Pilots****CONTACT DETAILS:**

VHF Channel: Ch 06; 08

E-mail: vts@portduqm.com

**HOURS:** H24**PROCEDURE:**

(1) **Pilotage is compulsory** for all vessels over 200 gt entering or leaving the port and is available H24.

(2) Pilotage exemption is available on an ad hoc basis after consultation with the Hr Mr. Notwithstanding the above, the Hr Mr may insist on the use of a Pilot in the interest of port safety.

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

(a) Outer Pilot Station: Vessels with a draught of more than 8.5m: 19°42'50N  
57°50'00E

(b) Inner Pilot Station: Vessels with a draught of less than 8.5m: 19°42'50N  
57°46'30E

**Port****CONTACT DETAILS:**

Call: Duqm Port Control

VHF Channel: Ch 16; 06 08 14

Telephone: +968 24342888

+968 92784673 (Mobile)

+968 93219402 (Mobile)

Fax: +968 24587343

E-mail: vts@portduqm.com

info@portduqm.com

Website: www.portduqm.com

**HOURS:** H24**PROCEDURE:**

(1) **Notice of ETA:** Vessels should send ETA 48h, 24h, 12h and 6h in advance via e-mail to Duqm Port Control and update on VHF Ch 16, 2h in advance. ETA should be confirmed on VHF Ch 14.

(2) The 48h notice should contain the following information:

(a) Vessel's name

(b) Call sign

(c) Flag

(d) IMO No

(e) MMSI No

(f) LOA

(g) Draught on arrival

(h) gt and nt

(i) Displacement

(k) Last port of call

(l) Next port of call

(m) IMDG - class, UN No, quantities

(n) ETA at Pilot Station

(o) Name of vessel's agent

(3) The 24h, 12h and 6h notices should contain the following information:

(a) Vessel's name

(b) Call sign

(c) MMSI No

(d) ETA at Pilot Station

(4) **Notice of ETD:** Vessels departing from Port of Duqm (Oman Drydock facilities) should send ETD 48h, 24h, 12h, 6h and 3h in advance via e-mail to Duqm Port Control.

(5) The 48h notice should contain the following information:

- (a) Vessel's name
  - (b) Call sign
  - (c) Flag
  - (d) IMO No
  - (e) MMSI No
  - (f) LOA
  - (g) Draught on departure
  - (h) gt and nt
  - (j) Displacement
  - (k) Last port of call
  - (l) Next port of call
  - (m) IMDG - class, UN No, quantities
  - (n) ETD
- (6) The 24h, 12h and 6h notices should contain the following information:
- (a) Vessel's name
  - (b) Call sign
  - (c) MMSI No
  - (d) ETD
- (7) The 3h notice should contain the following information:
- (a) Name of vessel
  - (b) Call sign
  - (c) MMSI No
  - (d) Draught on departure
  - (e) Next port of call
  - (f) Confirmed ETD and clearance received by authorities
- (8) Vessels departing from Port of Duqm (Commercial Quay) should send ETD on arrival via e-mail to Duqm Port Control. 3h and 2h in advance (Commercial Quay).
- (9) The arrival notice should contain the following information:
- (a) Name of vessel
  - (b) Call sign
  - (c) Flag
  - (d) IMO No
  - (e) MMSI No
  - (f) LOA
  - (g) Draught on departure
  - (h) gt and nt
  - (j) Displacement
  - (k) Last port of call
  - (l) Next port of call
  - (m) IMDG - class, UN No, quantities
  - (n) ETD
- (10) The 2h notice should be advised on VHF Ch 14.
- (11) Only the vessel's agent is entitled to order a Pilot for departure.
- (12) Whilst in port, in case of emergencies, vessels should contact Port Control on VHF Ch 16.
- (13) VHF Ch 08 is exclusively to be used by Dry Dock Masters or Mooring Masters of Oman Drydock Company berths or quays and the Pilots and/or tugs.
- (14) VHF Ch 06 is exclusively to be used by Commercial Quay Master or Mooring Masters of the Commercial Port berths or quays and the Pilots and/or tugs.

**PAGE 160, OMAN, MINA' AL FAHL, Port, PROCEDURE section.**

*Delete and replace by:*

**PROCEDURE:**

- (1) **Notice of ETA:** Vessels should send ETA 5 days, 96h, 72h, 48h and 24h in advance to Petromar Muscat. Any change in ETA in excess of 2h must be advised immediately. The 5 day message should contain the following information:
- (a) ETA (LT) and date
  - (b) Time vessel will tender Notice of Readiness (NOR), if different from above
  - (c) Confirmation that vessel is fully inerted, all tanks less than 8% O<sub>2</sub>
  - (d) Last port of call
  - (e) Next port of call
  - (f) Quantity of cargo required in bbls
  - (g) Time required for deballasting, if prior to loading
  - (h) Maximum draught on arrival and trim
  - (i) Maximum draught on departure
  - (j) Hose handling crane or derrick Safe Working Load (SWL)
  - (k) Number, type, size and SWL of bowstoppers for securing SBM mooring chains
  - (l) Vessel's flag
  - (m) Master's name
- (2) Vessels should confirm ETA with Fahl Control on VHF Ch 12, 2h before arrival.
- (3) During loading operations, contact is through a shore provided UHF radio with VHF Ch 12 for back-up.

(4) All vessels, when in port or laying off Mina' al Fahl should maintain a continuous listening watch on VHF Ch 12

**PAGE 161, OMAN, OMAN LNG, below Terminal, NOTE section.**

*Insert new section:*

#### **Tugs**

#### **PROCEDURE:**

Tugs are available.

**PAGE 162, OMAN, OMIFCO TERMINAL.**

*Delete entry and replace by:*

### **OMIFCO TERMINAL**

**22°39'N 59°26'E**

#### **Pilots**

#### **CONTACT DETAILS:**

VHF Channel: Ch 16; 71

#### **HOURS: H24**

#### **PROCEDURE:**

- (1) Pilotage is compulsory for all vessels and is available H24.
- (2) Pilot boards in position 22°39'00N 59°28'00E (1.5 n miles E of the terminal).

#### **Terminal**

#### **CONTACT DETAILS:**

Call: OIFC Port  
 VHF Channel: Ch 16; 71  
 RT Frequency (kHz): 8143  
 Telephone: +968 25532091  
 Fax: +968 25562847  
       +968 25562848  
 E-mail: kpsarthy@omifco.com

#### **Operators**

Telephone: +968 25532000  
 E-mail: info@omifco.com  
 Website: [www.omifco.com](http://www.omifco.com)

#### **HOURS: H24**

#### **PROCEDURE:**

**Notice of ETA:** Vessels should establish communication via agent to provide ETA 7 days, 72h, 48h, 24h and 12h prior to arrival.

#### **NOTE:**

Terminal is operated by Oman India Fertiliser Co. (OMIFCO).

#### **Tugs**

#### **CONTACT DETAILS:**

VHF Channel: Ch 16; 71

#### **PROCEDURE:**

Tugs are available

**PAGE 162, OMAN, PORT SALALAH (MINA RAYSUT), Pilots,**

**PROCEDURE section.**

*Delete and replace by:*

#### **PROCEDURE:**

- (1) Pilotage is compulsory for vessels over 200 nt and is available H24.
- (2) Pilot ordering: Request for pilotage should be sent via the agent or by email or fax at least 1h before the service is required.
- (3) Pilotage will be arranged for incoming vessels as per berth allocation.
- (4) Departing vessels should give 30 mins notice for Pilot and tugs.
- (5) Pilot boards in position 16°56'80N 54°05'00E.

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

#### **Instructions for filling up IH 102**

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

#### **Position Reporting**

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

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

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

#### **Depth Reporting**

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

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



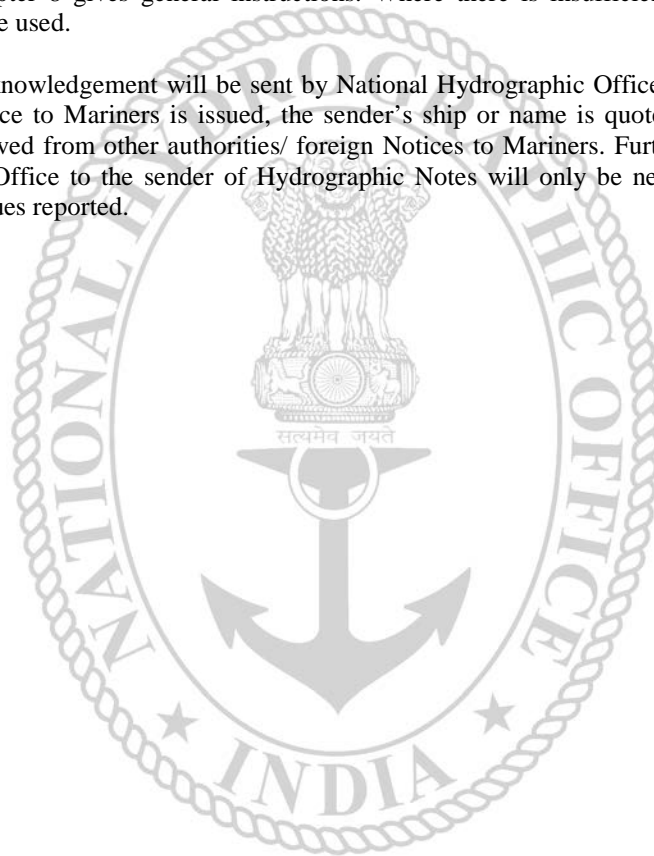
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be 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.102-A (Revised 2024)	
Date														D D M M Y Y Y Y Ref. No.	
Name of the Ship, Port or Sender															
Mailing Address														Office Name	
														Flat/ Room No.	
														Building	
														Street	
														Landmark/ Locality	
														City	
														State	
														Country	
														ZIP/ Pin Code	
Contact Details (with ISD country code)														Tel: +	
														Fax: +	
														Mobile: +	
Email id															
<b>Explanatory Notes for filling up the IH.102-A (Revised 2024)</b> <ol style="list-style-type: none"> <li>All positional details be referred to WGS 84 in Latitude and Longitude, example: DD° MM' SS".SS (N/S), DDD° MM' SS".SS (E/W).</li> <li>All time details to be in format him.</li> <li>Clearly state the Time Zone adopted for field observations/ recording of data. Examples:- 00:00, UTC, GMT or +05:30 (IST) or ±hh:mm (LMT/ National Time Zone).</li> <li>Where applicable relevant data files may be shared in .txt, .pdf, .csv, files in the prescribed format.</li> <li>The photographs being forwarded be duly annotated, highlighting the object/ features to be referred for charting purpose and disseminating information to mariner as part of Sailing Directions.</li> <li>All diagrams are to be prepared with relevant Chart/ ENC in background where available.</li> <li>Where relevant, the diagrams, pictorial representation being forwarded are to be prepared with latest geo referenced satellite image in the background, appending the details, highlighting the information with adequate annotations for ready reference as visual representation.</li> </ol>															

HYDROGRAPHIC NOTE FOR PORT INFORMATION (To accompany Form IH.102)		IH.102-A (Revised 2024)	
<b>1. NAME OF PORT</b>			
Port Location (WGS 84)	Latitude	DD° MM' SS".SS (N/S)	
	Longitude	DDD° MM' SS".SS (E/W)	
<b>2. GENERAL REMARKS</b>			
(a) Principal activities and trade			
(b) Number of ships and tonnage handled per year			
(c) Copy of Port handbook (if available)			
<b>3. ARRIVAL INFORMATION</b>			
(a) Notice of ETA required	At least ____ hours, prior to ETA, followed by ____ hours; confirmation or amendment must be made not less than ____ hours prior to arrival)		
(b) Port Radio VHF channel	Vessels arriving must establish VHF contact to Harbour Control on VHF channel ____, ____ hours before vessel arrival to pilot boarding ground.		
<b>4. ANCHORAGES</b>			
(a) Type/ Purpose (Describe Category of anchorage: Unrestricted anchorage, deep water anchorage, tanker anchorage, or any other specific category and limits for each separately.			
(b) Recommended Anchorage Area Limits	Limit	Position in WGS 84	
		Lat (N/S)	Long (E/W)
	A	DD°MM'SS".SSS	DDD°MM'SS".SSS
	B	DD°MM'SS".SSS	DDD°MM'SS".SSS
	C	DD°MM'SS".SSS	DDD°MM'SS".SSS
	D	DD°MM'SS".SSS	DDD°MM'SS".SSS
Positions of all nodes of the polygon with diagrammatic representation on background of relevant Chart/ ENC.			
(c) Minimum depth at anchorage in Meters and Decimeters (mm.mm) and Max LOA with draught allowed for anchoring	Minimum depth in anchorage area (m)	Max LOA allowed for anchoring (m)	Max Draught allowed for anchoring (m)
(d) A brief (if any) on Shelter afforded, Holding ground, recommended pilotage to the anchorage			
(e) <b>Restrictions:</b> anchoring prohibited, trawling prohibited, entry prohibited, discharging prohibited, and, or any other specific category Information, provide details for each separately	Limit	Position in WGS 84	
		Lat (N/S)	Long (E/W)
	A	DD°MM'SS".SSS	DDD°MM'SS".SSS
	B	DD°MM'SS".SSS	DDD°MM'SS".SSS
	C	DD°MM'SS".SSS	DDD°MM'SS".SSS
	D	DD°MM'SS".SSS	DDD°MM'SS".SSS
Positions of all nodes of the polygon with diagrammatic representation on background of relevant Chart/ ENC.			

<b>5. PILOTAGE</b>							
(a) State the Authority, to whom the request for Pilotage to be addressed (email id, telephone and Fax number).							
(b) Provide brief on Category of Pilot Boarding place: <b>boarding by pilot-cruising vessel, boarding by helicopter, pilot comes out from shore.</b>							
(c) Provide Pilot Boarding position in WGS 84,		Position	Lat (N/S)		Long (E/W)		
		A	DD°MM'SS".SSS		DDD°MM'SS".SSS		
		B	DD°MM'SS".SSS		DDD°MM'SS".SSS		
(d) Provide details of Pilot Boat and attach photographs		Pilot Boat Name	Pilot Boat Colour and LOA		Pilot Boat VHF Channel		
(e) Regulations							
(f) List of Documents to be provided by ships/ mariners calling the port							
(g) Recommended pilotage to approach of Harbour.							
(h) Information on VTMS							
<b>6. DIRECTIONS</b>							
(a) Entry and Berthing Information							
(b) Height of Tides (m.mm) during Springs (if available)		MHWS/ MHHW			MLWS/ MLLW		
(c) Seasonal Tidal Stream Information (if available)		Flood Rate (maximum)			Direction (Azimuth)		
					DDD°		
		Ebb Rate (maximum)			Direction (Azimuth)		
					DDD°		
(d) Seasonal Wind Speed and Direction		Month	Wind Speed (Knots)	Direction/ Azimuth	Month	Wind Speed (Knots)	Direction/ Azimuth
		Jan		DDD°	Jul		DDD°
		Feb		DDD°	Aug		DDD°
<b>7. POLLUTION CONTROL</b>							
(a) Compliance with MARPOL regulations, give details							
(b) Local regulation in force (If Any)							
<b>8. TUGS</b>							
(a) Number available / Tug type (Provide photographs and details such as registration number, call signs as an attachment to this document).		Ser.	Tug Name	Tug Type	Max HP / Bollard pull	VHF Channel	
(b) State the Authority, to whom the request for Tugs is to be addressed to along with email id, telephone number and FAX number as applicable.							
(c) Availability timings							
<b>9. BERTHING AND WHARVES</b>							
(a) Type & Number of berths available. Provide diagrammatic representation on background of relevant Chart/ ENC/CAD diagram if available		Ser.	Berth Name/ Number	Length (m)	Lay (Azimuth) (DDD°-DDD°)	Least Depth Alongside (mm.mm)	Facilities available

(b) State the Authority, to whom the request for Berthing is to be addressed to including telephone number, email id, FAX number as applicable, prior notice required for berthing and procedure for requesting berth with hiring charges							
<b>10. CARGO HANDLING</b>							
(a) Containers							
(b) Lighters & Ro-Ro etc.							
<b>11. CRANES</b>							
*[Provide details of Category of Crane: <b>container crane/gantry, Sheerlegs, travelling crane, A-frame</b> Colour pattern: <b>horizontal stripes, vertical stripes, diagonal stripes, Squared, stripes, border stripe for each separately</b> ]. Where applicable attach diagrammatic representation on relevant Chart/ ENC and also forward photographs with annotation.							
(a) Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	<u>Ser.</u>	<u>Crane Location Berth/ Wharf</u>	<u>*Category of Crane</u>	<u>Max Lifting Capacity</u>	<u>Height of Boom at Berth/ wharf level</u>	<u>Outreach</u>	
(b) Provide Container handling facilities							
(c) State the Authority, to whom the request for Cranes is to be addressed to with contact information including email, Telephone and FAX numbers as applicable and Procedure							
<b>12. BRIDGES</b>							
*[Category of Bridge: <b>fixed bridge, opening bridge, swing bridge, lifting bridge, bascule bridge, pontoon bridge, draw bridge, transporter bridge, foot bridge, viaduct, aqueduct, suspension bridge</b> : Colour pattern: <b>horizontal stripes, vertical stripes, diagonal stripes, Squared, stripes (direction unknown)</b> . Vertical Clearance: <b>from MHHW/MHWS</b>							
Vertical clearance (Provide diagrammatic representation of Bridges on background of relevant Chart/ ENC, with Start and End of Positions of Bridges, duly annotated with names as an attachment)	<u>Ser.</u>	<u>Bridge Name</u>	<u>*Category of Bridge</u>	<u>Bridge Lay (Azimuth) (DDD°-DDD°)</u>	<u>Bridge Length (m)</u>	<u>Vertical Clearance (m)</u>	<u>Min and Max depths below Bridge</u>
<b>13. REPAIR FACILITIES – describe facilities available with all relevant information</b>							
(a) Hull machinery and underwater							
(b) Ship and Boat yards							
(c) Docking or Slipway facilities (Size/ Dimensions of vessels handled/ tonnage)							
(d) Hards and Ramps							
(e) Divers/ Diving assistance							
<b>14. SERVICES</b>							
(a) Radio / FAX / Telephone / Internet etc.							
(b) Medical							
(c) Quarantine							
(d) Consul							
(e) Ship chandlery and Stevedores							
(f) Compass adjustment							
(g) Tank cleaning							
(h) Hull painting							

(i) Nearest Police Station	Address	
	Telephone No.	
(j) Nearest Hospital	Address	
	Telephone No.	
	Details of Health Care and Lab Services	
(k) Ambulance	Telephone No.	
(l) Firefighting (Fixed and Mobile facilities) with telephone numbers		
(m) Nav. Warning and Weather bulletin		
(n) Garbage disposal / Waste oil disposal		
(o) Helicopter landing facilities. If available provide position details of Helipad with a diagrammatic representation on relevant Chart/ ENC		
<b>15. RESCUE &amp; DISTRESS</b>		
Salvage, Lifeboat, Life guards, etc		
<b>16. SUPPLIES</b>		
(a) Fuel (Type, Quantities & Method of delivery)		
(b) Fresh water (Method of delivery and Rate of supply)		
(c) Provisions		
(d) Chart agents		
<b>17. COMMUNICATIONS</b>		
(a) Road, Rail and Air services available		
(b) Nearest airport or airfield		
(c) Port Radio and Information Service (Frequencies and Operating Hours)		
<b>18. SECURITY</b>		
(a) Security of ports / International Ship and Port Facility Security (ISPS) compliance		
(b) Custom and Immigration Regulations in force		
<b>19. SMALL CRAFT FACILITIES</b>		
(a) Information and facilities for small craft, yachts visiting the port		
(b) Yacht clubs, berths etc		
<b>20. SHORT LEAVE</b>		
<b>21. CLUBS RECREATION</b>		
(a) Information Kiosk (Location)		
(b) Foreign Exchange firms / Banks (within / near Port Area)		
(c) Places of interest near port		
<b>22. VIEWS</b>		
Annotated Photographs of the approaches, leading marks, the entrance to the harbour etc in soft copy if available.		
<b>23. BATHYMETRY DATA (IF PROVIDED)</b>		
(a) To be forwarded in 'XYZ/ASCII' format (#, *) with time stamp (&)	& - Time Stamp	hh:mm:ss
	# - Position WGS 84 Latitude, Longitude	DD°MM'SS".SSS N, DDD°MM'SS".SSS E
	* - Depth (Metres and decimeters)	mm.mm

&, #, *	Example of data string (hh:mm:ss, DD° MM' SS".SSS N, DDD° MM' SS".SSS E, mm.m)			
	Digital data file to be forwarded separately.			
(b) Time zone	+(hh:mm)			
(c) Sounding Accuracy (± m.mm) achieved if ascertained				
(d) Latest survey data being forwarded to include the following				
(i) Limits of surveyed area	Limit Point	Position in WGS 84		
		Lat (N/S)	Long (E/W)	
		A	DD°MM'SS".SSS	
		B	DD°MM'SS".SSS	
		C	DD°MM'SS".SSS	
	D	DD°MM'SS".SSS		
Positions of all nodes of the surveyed area polygon. A diagrammatic representation with relevant Chart/ ENC/ Satellite image to be forwarded along with survey data				
(ii) Scale of survey (Resolution)				
(iii) Details of positioning equipment and update rate of positioning data (DGPS/ RTK), min and max positional outages (± m.mmm) observed during survey and provide a scatter plot)	Positioning System (GPS/ DGPS/ RTK)	Make/ Model of equipment	Position update rate	Maximum Outages in time/ distance if any
(iv) Details of sounding equipment (Multibeam/ Singlebeam) Frequency used for sounding	Make Model of Echosounder	Frequency Used (hz)	Depth update rate	Any filters/ gates applied
(v) Details of certified Hydrographic Surveyors employed	Ser.	Name	Designation	Hydrographic Certification
(vi) Provide diagrammatic representation with relevant Chart/ ENC/ CAD diagram if available in background with positional details earmarking the following:-				
(aa) Limits of Turning Circles	Position of Centre of Circle			Radius of Circle in metres
	DD°MM'SS".SSS N/S, DDD° MM' SS".SSS E/W			
(ab) Dimensions, length and direction of approach Channels	<u>Channel</u>	<u>Azimuth/ Lay</u>	<u>Width of the Channel (m)</u>	<u>Length (Nm)</u>
			A	DDD°- DDD°
			B	DDD°- DDD°
			C	DDD°- DDD°
(ac) Designation of channels, Channel 'A' and 'B' (Primary/ alternate or multiple)				
(ad) Dredged area with depths achieved in the designated Channels	<u>Channel</u>	<u>Dredged Depth/ Minimum Depth Maintained at all times (mm.mm)</u>	<u>Limits of Channel Positions in WGS 84</u>	<u>Dredged Date</u>



			DD° MM' SS".SSS N/S, DDD° MM' SS".SSS E/W To DD° MM' SS".SSS N/S, DDD° MM' SS".SSS E/W	
	B		From DD° MM' SS".SSS N/S, DDD° MM' SS".SSS E/W To DD° MM' SS".SSS N/S, DDD° MM' SS".SSS E/W	DD-MMM-YYYY
(ae) Self explaining annotations and legend as applicable	Diagrammatic representation of layout on relevant Chart/ ENC/ satellite/CADE image background if available			
<b>24. HORIZONTAL CONTROL</b>				
Geodetic Control Stations established by Survey of India in Port Premises.	<b>Details of Horizontal Control - Reference Station</b>			
	(a) Name of ITRF/ GCP/ Reference Station with Authority letter if available			
	(b) Description of the Reference Station along with photograph if available			
	(c) Position in WGS 84 datum if available	Latitude	DD° MM' SS".SSS (N/S)	
		Longitude	DDD° MM' SS".SSS (E/W)	
Ellipsoidal Ht		mm.mmm (metres)		
<b>25. VERTICAL CONTROL</b>				
Benchmark/ Local Bench Mark established by Survey of India in Port Premises	<b>Details Required</b>		<b>Data, Description and Remarks</b>	
	(a) Name and description of Benchmark along with authority			
	(b) Photographs in soft copy if available			
	(e) Position in WGS 84 Datum			
	Latitude		DD° MM' SS".SSS (N/S)	
	Longitude		DDD° MM' SS".SSS (E/W)	
	Ellipsoidal Ht		mm.mmm (metres)	
(d) Height of Bench Mark above Sounding/ Chart Datum mm.mmm (value in meters)				
<b>26. TIDE GAUGE</b>				
Pertains to tide gauge employed for tide observation. The details to be included area as follows:-	<b>Details of Tide Gauge</b>			
	<b>Details Required</b>		<b>Data, Description and Remarks</b>	
	(a) Type of Tide gauge used for observations			
	(i) Manual Tide Gauge Type(Flat/ Round Tide Pole)/ATG			
	(ii) Position of Tide Gauge		Latitude DD° MM' SS".SSS (N/S)	
			Longitude DDD° MM' SS".SSS (E/W)	
	(iii) Resolution of Tide Gauge			
	(iv) Level of Zero of Tide gauge with respect to Benchmark			
	(v) Level of Zero of Tide gauge with respect to Sounding/ Chart Datum			
	(b) Calibration details of ATG provide by OEM (Provide a copy as attachment)		Calibration Date	
			Valid up to	
	(c)Details offset/ reduction values if any.			
(d) State whether tide observations carried out round the clock or for duration of survey				

(e) State the tide observations interval (Example 1min, 5 min, 10 min, 15 min etc).	___ Minutes
(f) State whether the observed tides were compared with predicted tides if any. If yes please provide relevant comparison with tables of difference and tide graphs	
(g) State whether the time used is Local Mean Time/ UTC	IST/ UTC (Time Zone $\pm$ him)
(h) State whether, the clocks of ATG/ manual tide observation team and survey systems were regularly synchronised	Yes / No
(i) State whether regular periodic check leveling was undertaken to rule out shift in tide gauge (ATG/ manual) and change in zero of tide gauge level with respect to Chart Datum/ Benchmark.	
(j) Attach a diagram representing relation between the Chart Datum, Local Bench Mark and Zero of Tide Gauge or Reference level of ATG as applicable.	

#### 27. TIDE OBSERVATION BE FORWARDED IN FORMAT

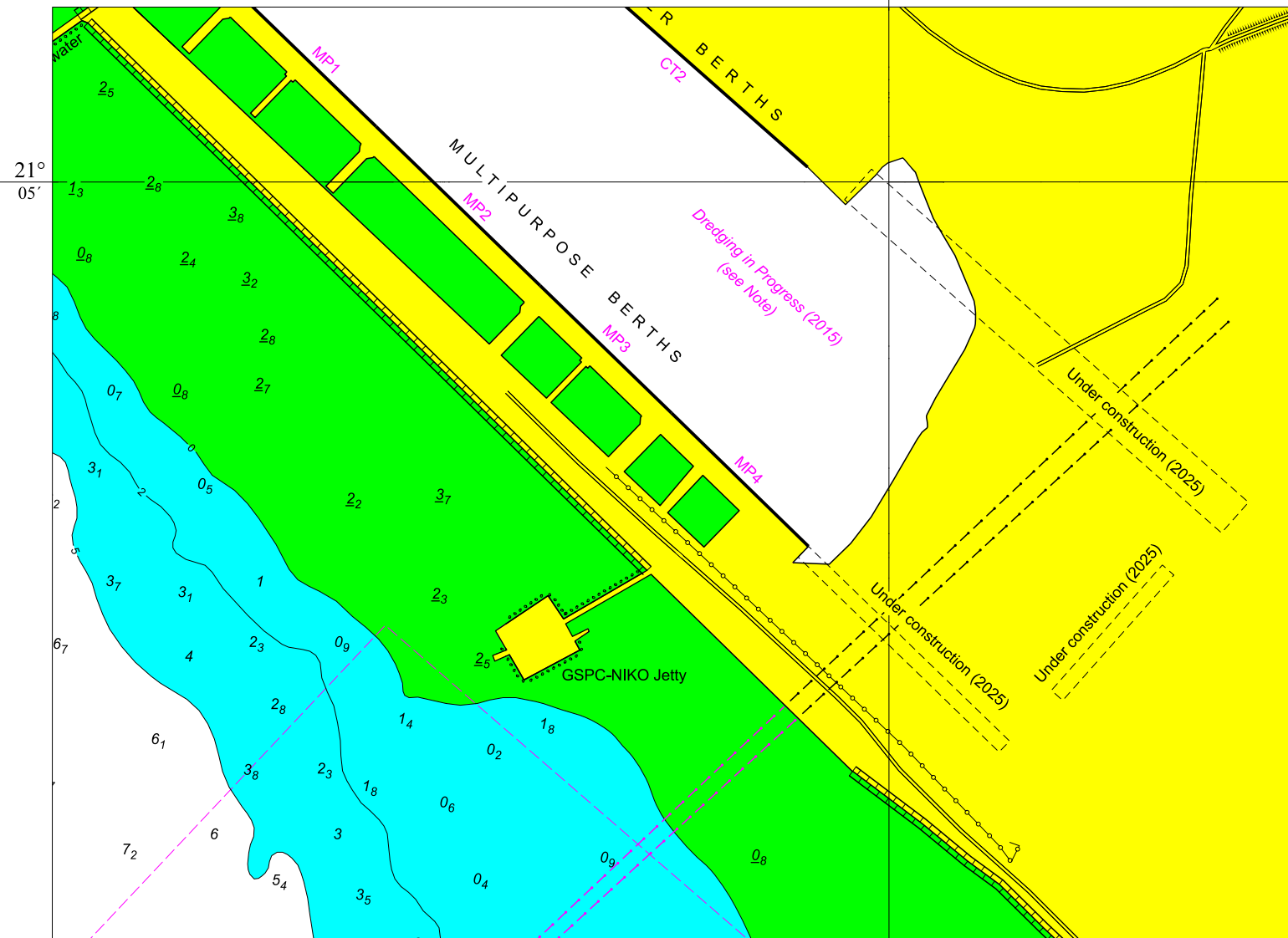
Tide observed data is to be forwarded in the format given. The details to be included area as follows:-

Observed Tide					
<u>Date</u> DD-MMM- YYYY	<u>Time</u> (IST/UTC ) HH:MM: SS	<u>Height of Tide (HoT<sub>Obs</sub>) m</u>  Observed on gauge (m.mm m metres )	<u>Reduction applied with respect to value of Zero of tide gauge above / below Chart Datum.</u> + if above Chart Datum - if below Chart Datum (m.mmm metres)	<u>Corrected/ Reduced Tide with respect to Chart Datum HoT</u> <u>Reduced</u> (m. mm m metres)	<u>Smoothed and Reduced tide used for correcting soundings</u> <u>HoT</u> Applied (m.mmm metres)
DD-MMM-YYYY	HH <sub>1</sub> :MM <sub>1</sub> :SS <sub>1</sub>	m.mm m <sub>1</sub>	m.mmm <sub>r</sub>	m.m mm <sub>c</sub> <sub>1</sub>	m.mmm actual <sub>1</sub>
DD-MMM-YYYY	HH <sub>2</sub> :MM <sub>2</sub> :SS <sub>2</sub>	m.mm m <sub>2</sub>	m.mmm <sub>r</sub>	m.m mm <sub>c</sub> <sub>2</sub>	m.mmm actual <sub>2</sub>
DD-MMM-YYYY	HH <sub>2</sub> :MM <sub>2</sub> :SS <sub>2</sub>	m.mm m <sub>2</sub>	m.mmm <sub>r</sub>	m.m mm <sub>c</sub> <sub>3</sub>	m.mmm actual <sub>3</sub>
DD-MMM-YYYY	HH <sub>n</sub> :MM <sub>n</sub> :SS <sub>n</sub>	m.mm m <sub>n</sub>	m.mmm <sub>r</sub>	m.m mm <sub>c</sub> <sub>n</sub>	m.mmm actual <sub>n</sub>

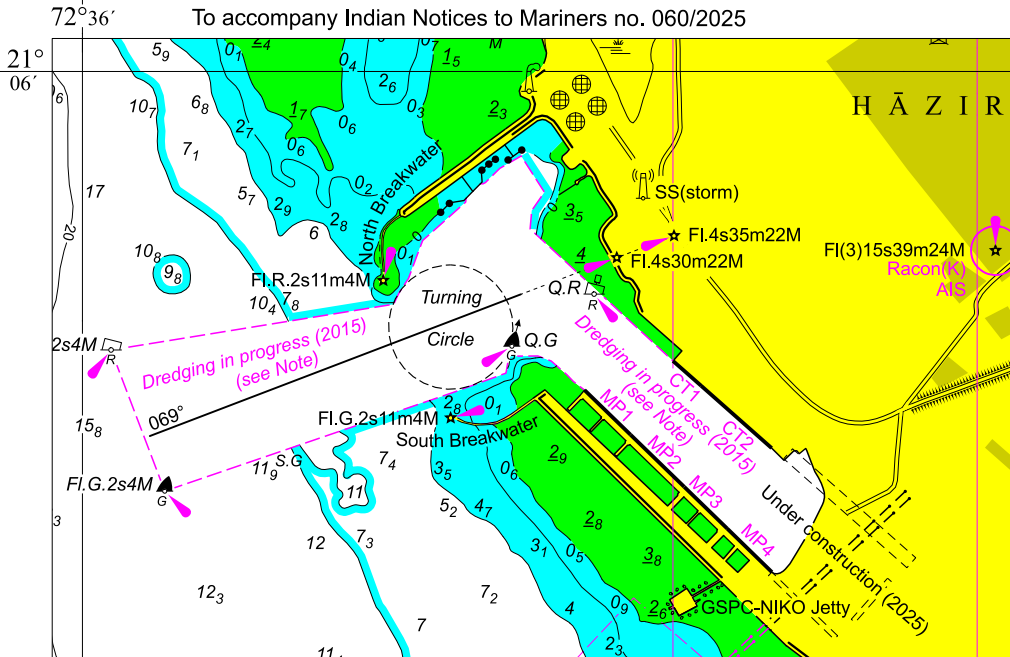
28. PORT LIMITS				
Pertains to Port Limit authorized vide Govt. of India gazette. (Copy of gazette to be enclosed), as follow	Port Limits (WGS-84)			
	Ser.	Latitude(N/S)	Longitude (E/W)	Remarks (Brief Description if any)
	(a)	DD°MM' SS".SSS	DDD°MM' SS".SSS	Start point on shore line (landward)
	(b)	DD°MM' SS".SSS	DDD°MM' SS".SSS	Seaward point
	(c)	DD°MM' SS".SSS	DDD°MM' SS".SSS	Seaward point
(d)	DD°MM' SS".SSS	DDD°MM' SS".SSS	End□ point on shore line (landward)	
29. DETAILS OF DUMPING GROUND				
(a) Name of the dumping ground with details regarding *category of Dumping ground: chemical waste dumping ground, nuclear waste dumping ground, explosives dumping ground, spoil ground, vessel dumping ground. <b>Details for each dumping ground be provided separately</b>	Name of Dumping Ground		*Category of Dumping Ground	
(b) Area and limits of the dumping ground	Limits and Area of Dumping Ground			
	Ser.	Latitude (N/S)	Longitude (E/W)	Remarks (Brief Description if any)
	(a)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(b)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(c)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(d)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
(c) Least known depth	Least Depth Observed date			
	Specify the means by which least depth was ascertained (Example singlebeam sounding, multibeam survey, wire drag etc)			
	Confirm whether the Least depth observed is corrected for tide and referred to chart datum			
	List Restrictions in dumping ground: anchoring prohibited, trawling prohibited, entry prohibited, discharging prohibited, and, or any other specific category.			
30. DETAILS OF FOUL AREA				
(a) Nomenclature of the foul area with *Category of Obstruction: snag/stump, diffuser, Crib, fish haven, foul area, foul ground, ice boom, ground tackle, boom	Nomenclature of Foul Area		*Category of Foul Area	
(b) Area and limits of the foul area. Provide details of each foul ground/ area separately.	Limits and Area of Foul Area			
	Ser.	Latitude (N/S)	Longitude (E/W)	Remarks (Brief Description if any with debris and seabed sample)
	(a)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(b)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(c)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
	(d)	DD°MM' SS".SSS	DDD°MM' SS".SSS	
(c) Least known depth	Least Depth Observed date and Time			
	Specify the means by which least depth was ascertained (Example singlebeam sounding, multibeam survey, wire drag etc)			

	Confirm whether the Least depth observed is corrected for tide and referred to chart datum			
<b>31. DETAILS OF DRY DOCK AREA</b>				
To include the following:-				
(a) Nomenclature of the Dry Dock. *Category of Dock area: tidal, non-tidal (wet dock)	<b>Nomenclature of the Dry Dock</b>	<b>Category of Dock area</b>		
(b) Area and limits of the Dry Dock. Provide details of each dock separately.	<b>Dry Dock Limits</b>			
	<b>Ser.</b>	<b>Latitude (N/S)</b>		
	<b>Longitude (E/W)</b>	<b>Remarks (Brief Description if any)</b>		
	(a)	DD°MM'SS".SSS	DDD°MM'SS".SSS	
	(b)	DD°MM'SS".SSS	DDD°MM'SS".SSS	
	(c)	DD°MM'SS".SSS	DDD°MM'SS".SSS	
	(d)	DD°MM'SS".SSS	DDD°MM'SS".SSS	
(c) Details of the Dry Dock Gate				
(d) Depth at the entry gate				
(e) Any other significant information				
<b>32. RELEVANT DRAWINGS OF THE PORT AREA/ DRY DOCKS ETC.</b>				
<b>33. AIDS TO NAVIGATION</b>				
(a) <b>Detail of buoys</b> *Cardinal, Installation, isolated danger, lateral, safe water special purpose.  \$Conical/nun/ogival, can/cylindrical, Spherical, Pillar, spar/spindle, Barrel, super-buoy, ice buoy.  %Can, Cone, sphere etc	<b>Buoys</b>			
	<b>Details Required</b>	<b>Data, Description and Remarks</b>		
	(a) Name of Buoy			
	(b) *Category of buoy			
	(c) Number			
	(d) Colour			
	(e) Position of buoy in WGS 84 Latitude Longitude	DD° MM' SS".SSS (N/S) DDD° MM' SS".SSS (E/W)		
	(f) Purpose of buoy (Example IALA buoy fairway, safe water mark)			
	(g) \$Type of Structure			
	(h) %Top Mark			
	(i) Identification by day Shape and colour			
	(j) Identification by night (Characteristics of the light and Colour of light)			
	(k) <u>Photography</u> . Attach two photographs with the Buoy in centre focus and other with relevant prominent features			
<b>Details of transit marks/ beacons</b>				
(b) Fwd transit mark position	DD°MM' SS".SSS N/S, DDD°MM'SS".SSS E/W			
(c) Fwd transit Name, Number				
(d) Fwd transit mark structure				
(e) Fwd transit mark shape				
(f) Fwd transit mark colour				
(g) Fwd transit mark top mark shape for day				
(h) Fwd transit mark top mark and colour for day identification				
(i) Fwd transit mark top mark light colour and characteristics for night identification				
(j) Aft transit mark position	DD°MM' SS".SSS N/S, DDD°MM'SS".SSS E/W			

(k) Aft transit Name, Number		
(l) Aft transit mark structure		
(m) Aft transit mark shape		
(n) Aft transit mark colour		
(o) Aft transit mark top mark shape for day		
(p) Aft transit mark top mark and colour for day identification		
(q) Aft transit mark top mark light colour and characteristics for night identification		
(r) Line of bearing of Transit Azimuth	DDD°MM'SS".SSS	
(s) Shape of Beacon		
(t) Colour of Beacon		
(u) Port signal mast position		
(v) Fixing marks (Jetty light, structures, building, conspicuous object)		
<b>34. DRONE IMAGERY OF THE PORT AREA IF AVAILABLE</b>		
<b>SIGNATURE OF THE OBSERVER / REPORTER / MASTER</b> <b>With Contact details including email id, Fax and Telephone number as applicable.</b>	<b>Sign</b>	
	<b>Name</b>	
	<b>Designation</b>	
	<b>Telephone No.</b>	
	<b>FAX No.</b>	
	<b>Email id</b>	
	<b>Address</b>	



To accompany Indian Notices to Mariners no. 060/2025

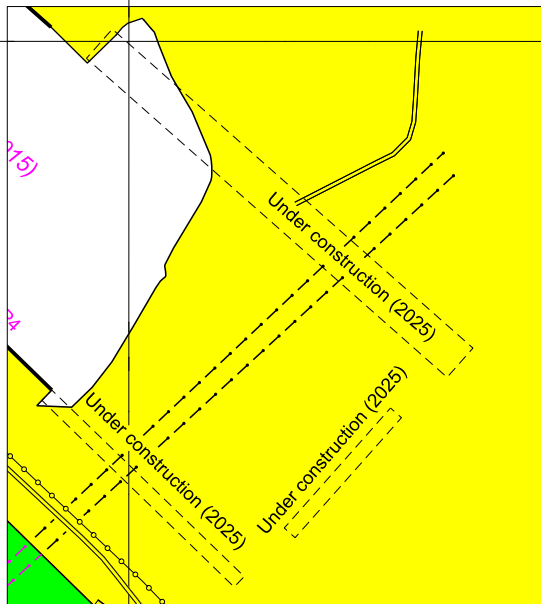


Block correction for chart no. 2101

To accompany Indian Notices  
to Mariners no. 060/2025

72°38'

21°  
05'



Block correction for chart no. 2108





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

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

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

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

**AFTN: VABBYXYC**