

INDIAN NOTICES TO MARINERS



EDITION NO. 10 DATED 16 MAY 2024

(CONTAINS NOTICES 072 TO 075)

REACH US 24 x 7



msis-inho@navy.gov.in
inho@navy.gov.in



+91-135-2748373



National Hydrographic Office
107-A, Rajpur Road
Dehradun – 248001
INDIA



Commander (H)
Maritime Safety Information Services
+91- 135 - 2746290-117

WWW

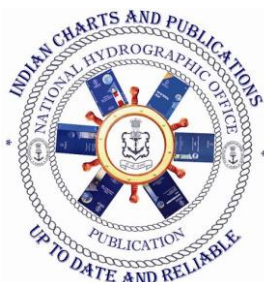
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CONTENTS

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

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

FEEDBACK: msis-inho@navy.gov.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

All mariners are cautioned against the use of counterfeit copies of IN Charts and publications. Navigational Charts produced after 31 Oct 14 carry NHO crest as watermark on the reverse with backslip. Chart Agent's stamp is mandatory on all Charts.

Counterfeit products may have errors resulting in potential risks. The same are not approved by inspecting agencies and do not satisfy the carriage requirements of SOLAS chapter V.

Mariners are strongly advised not to use or encourage the use of counterfeit charts and publications. Failure to comply with the warning may invite legal action.

III

EXPLANATORY NOTES

Corrections to Charts and Publications. Section I comprises List of Charts affected by the notices contained in this edition. Whereas sections II and III contain information for correcting the charts and publications. Mariners should insist on corrected charts from their chart distributors/agents.

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart 5020 (INT 1).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

Temporary and Preliminary Notices. These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. Sl Nos. of those in force are published quarterly on 01 Jan, 01 Apr, 01 Jul and 01 Oct, and their text is published in Annual Edition of Indian Notices to Mariners. They should be inserted in pencil, by the user, on receipt.

Source of Information. A star preceding the number of a Notice indicates that the notice is promulgated by INHO based on original information received.

Sailing Directions. Corrections for the Sailing Directions (Pilots) are given in Section VI.

Lights. Corrections to Indian List of Lights are given in Section VII, where affected Light List number is quoted.

- (a) These corrections should be incorporated as per instructions given on page XI of the List of Lights.
- (b) Such correction notices to list of lights may be published in either an earlier or a later Edition of N to M than the Edition containing the Notice to the chart correction.
- (c) The range of a light given is its nominal range. Its geographical range is given in parenthesis only if it is less than the nominal range.
- (d) A star indicates that the corresponding field is to be amended and all stars indicate that new light is to be inserted.

Radio Signals. The corrections in Section VIII should be cut and pasted in the appropriate volume of the List of Radio Signals.

Radio Navigational Warnings.

- (a) These are broadcast as serially numbered NAVAREA warnings by the concerned NAVAREA coordinator through GMDSS and Area Radio Broadcasts.
- (b) They contain important information affecting navigational safety, which cannot await the publication of the next edition of N to M.
- (c) It should be borne in mind that they may be based on reports which cannot always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid over loading users; the less important information is included in the forthcoming edition of N to M or the Chart/Publication concerned.

IV

Laws and Regulations. While in the interest of the safety of shipping, the Hydrographic Office makes every endeavor to include in its publications details of the laws and regulations of all countries pertaining to navigation, it must be clearly understood: -

- (a) That no liability whatsoever can be accepted for failure to publish details of any particular law or regulation and
- (b) That publication of details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the International validity of the law or regulation.

Correction of Charts and Publications by the Users. Notices to Mariners contain important information concerning safety of navigation at sea, hence, they should be used to keep the specified charts and publications up-to-date.

Reliance on Charts and Associated Publications. While every effort is made by the Hydrographic Office to ensure the accuracy of the information on Charts and Publications before they are published, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge for the reliance he can place on the information available, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

Use of Global Positioning System (WGS 84) positions.

- (a) The positions of hydrographic objects shown on some of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

Source Data on Charts. All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

Further Guidance. The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

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

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title, Limits & Description</i> | <i>Scale</i> | <i>Folio</i> | <i>Price</i> |
|------------------|----------------------------|--|--------------|--------------|--------------|
| <i>Nil</i> | | | | | |

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

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title, Limits & Description</i> | <i>Scale</i> | <i>Folio</i> | <i>Price</i> |
|------------------|----------------------------|--|--------------|--------------|--------------|
| <i>Nil</i> | | | | | |

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

| <i>Chart No.</i> | <i>Date of Publication</i> | <i>Title</i> | <i>On Publication of New Chart/ Edition</i> | <i>Date of Publication</i> |
|------------------|----------------------------|--------------|---|----------------------------|
| <i>Nil</i> | | | | |

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

| <i>ENC Cell Name</i> | <i>Chart No.</i> | <i>Title</i> | <i>Issue Date</i> |
|----------------------|------------------|--------------|-------------------|
| <i>Nil</i> | | | |

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

| <i>ENC Cell Name</i> | <i>Chart No.</i> | <i>Title</i> | <i>Issue Date</i> |
|----------------------|------------------|--------------|-------------------|
| <i>Nil</i> | | | |

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

| <i>ENC Cell Name</i> | <i>Chart No.</i> | <i>Title</i> | <i>Issue Date</i> |
|----------------------|------------------|--------------|-------------------|
| <i>Nil</i> | | | |

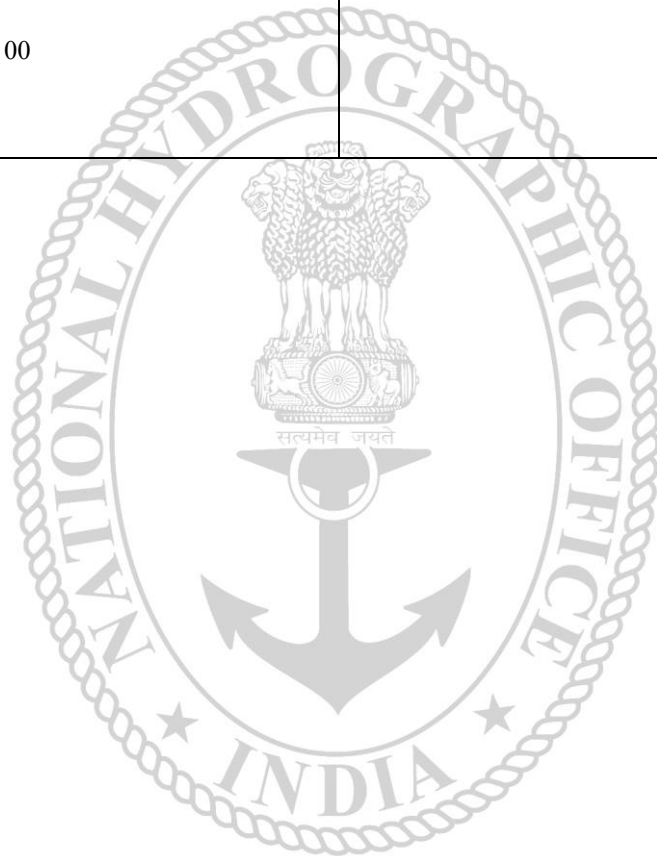
7. The forthcoming Indian Charts are as follows:-

| <i>Chart No</i> | <i>Title</i> | <i>Scale</i> | <i>Remarks</i> |
|-----------------|---|--------------|----------------|
| 228 | NORTH THILADHUNMATHEE TO SOUTH THILADHUNMATHEE | 150000 | NEW CHART |
| 2594 | IHAVANDHIPOLHU ATOLL | 50000 | NEW CHART |
| 2595 | THILADHUNMATHEE UTHURUBURI ATOLL | 50000 | NEW CHART |
| 2599 (INT 7379) | MALE' ATOLL | 25000 | NEW EDITION |
| 357 (INT 7397) | POINT CALIMERE TO CHENNAI | 300000 | NEW EDITION |
| 358 (INT 7394) | APPROACHES TO PALK BAY | 300000 | NEW EDITION |
| 404 (INT 7439) | ELPHINSTONE HARBOUR TO PORT BLAIR | 150000 | NEW EDITION |

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:

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



SECTION – I

The list of charts affected by the Notices 072 to 075 contained in this edition is as follows:-

| CHART NUMBER | FOLIO NO. | NOTICE NO. |
|---------------------|------------------|--------------------------|
| 21 | 2 | 073 (T), 075 (T) |
| 22 (INT 752) | 3 | 073 (T) |
| 31 (INT 756) | 5 | 074(T), 075 (T) |
| 32 (INT 754) | 5 | 072, 074(T), 075 (T) |
| 33 (INT 755) | 5 | 072, 074(T), 075 (T) |
| 41 (INT 757) | 6 | 075 (T) |
| 204 | 2 | 073 (T) |
| 210 | 3 | 073 (T) |
| 211 | 3 | 073 (T) |
| 252 (INT 7325) | 2 | 073 (T) |
| 253 (INT 7328) | 2 | 073 (T) |
| 254 (INT 7331) | 3 | 073 (T) |
| 255 (INT 7334) | 3 | 073 (T) |
| 256 (INT 7340) | 3 | 073 (T) |
| 271 | 2 | 073 (T) |
| 291 | 2 | 073 (T), 075 (T) |
| 292 (INT 7021) | 2 | 073 (T) |
| 293 (INT 7022) | 3 | 073 (T) |
| 304 | 5 | 074(T) |
| 305 | 5 | 074(T) |
| 308 (INT 7409) | 5 | 074(T) |
| 315 | 5 | 075 (T) |
| 316 | 5 | 075 (T) |
| 352 (INT 7416) | 5 | 074(T) |
| 353 (INT 7413) | 5 | 074(T) |
| 354 (INT 7408) | 5 | 074(T) |
| 355 (INT 7405) | 5 | 074(T) |
| 356 (INT 7400) | 5 | 074(T) |
| 357 (INT 7397) | 5 | 074(T) |
| 358 (INT 7394) | 5 | 075 (T) |
| 391 | 5 | 072, 074(T) |
| 7070 (INT 70) | 1 | 075 (T) |
| 7071 (INT 71) | 1 | 073 (T), 074(T), 075 (T) |
| 7072 (INT 72) | 1 | 073 (T), 075 (T) |
| 7073 (INT 73) | 1 | 073 (T), 074(T), 075 (T) |
| 7508 (INT 508) | 1 | 075 (T) |
| 7701 (INT 701) | 1 | 075 (T) |
| 7702 (INT 702) | 1 | 075 (T) |
| 7703 (INT 703) | 1 | 075 (T) |
| 7705 (INT 705) | 1 | 073 (T) |
| 7706 (INT 706) | 1 | 073 (T), 074(T), 075 (T) |
| 7707 (INT 707) | 1 | 075 (T) |
| 7708 (INT 708) | 1 | 075 (T) |

SECTION – II**PERMANENT NOTICES**

***072 (10/24) BAY OF BENGAL – INDIA EAST COAST – Chennai to Kalingapatnam – Wreck.**

Source: IH-102, INS Ranvijay.

Chart 32 (INT 754) [previous update 070/24]

Insert ++

13° 58′·31N., 083° 07′·21E.

Chart 33 (INT 755) [previous update 159/23]

Insert ++

13° 58′·31N., 083° 07′·21E.

Chart 391 [previous update 063/23]

Insert ++

13° 58′·31N., 083° 07′·21E.



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.

| *073 (T) (10/24) | INDIA – WEST COAST – Arabian Sea – Oil Rigs. |
|--------------------------------------|---|
| Source: NCD, Mumbai. | |
| 1. List of Oil Rigs is as follows: - | |
| Rig Name | Position |
| Aban II | 19° 48'.29N., 071° 41'.20E. |
| Aban III | 18° 44'.08N., 071°18'.47E. |
| Aban IV | 18° 36'.15N., 071°01'.63E. |
| Aban VIII | 18° 38'.20N., 071° 00'.93E. |
| Admarine 9 | 19° 17'.60N., 071° 16'.87E. |
| Admarine 11 | 18° 41'.47N., 072° 20'.88E. |
| CE Thornton | 19° 15'.69N., 071° 21'.08E. |
| Compact Driller | 19° 39'.51N., 071° 17'.55E. |
| Discovery 1 | 20° 21'.56N., 072° 01'.43E. |
| Divine Driller | 20° 20'.04N., 072° 07'.55E. |
| FG MC Clinttok | 18° 08'.15N., 072° 25'.28E. |
| Great Drill Chaaru | 19° 11'.05N., 072° 11'.21E. |
| Great Drill Chetna | 21° 39'.46N., 068° 49'.26E. |
| Great Drill Chaaya | 20° 13'.31N., 071° 54'.79E. |
| Great Drill Chitra | 19° 21'.46N., 071° 50'.13E. |
| Jindal Star | 18° 58'.43N., 071° 37'.44E. |
| JT Angel | 19° 33'.54N., 071° 23'.22E |
| Jindal Explorer | 19° 10'.88N., 072° 07'.02E |
| Key Singapore | 18° 18'.63N., 072° 21'.82E |
| Parameswara | 19° 22'.48N., 071° 21'.59E |
| Ron Tappmeyer | 18° 45'.65N., 072° 19'.22E. |
| Sagar Bhushan | 19° 01'.52N., 071° 10'.87E. |
| Sagar Vijay | 18° 15'.39N., 070°42'.83E. |
| Sagar Jyoti | 19° 15'.63N., 071° 17'.79E. |
| Sagar Kiran | 19° 27'.80N., 071° 48'.45E. |
| Sagar Ratna | 20° 00'.34N., 072° 24'.83E. |
| Sagar Uday | 19° 27'.52N., 071° 16'.42E. |
| Sagar Samrat | 18° 58'.43N., 071° 37'.44E. |
| Sagar Gaurav | 20° 20'.14N., 072° 05'.31E. |
| Trident 2 | 19° 34'.16N., 071° 07'.97E. |
| Trident 12 | 18° 45'.23N., 072° 18'.00E. |
| Vivekananda 1 | 19° 15'.95N., 072° 06'.05E. |
| Vivekananda 2 | 19° 22'.11N., 071° 25'.96E. |
| Virtue 1 | 19° 00'.48N., 072° 09'.07E. |
| Victory Driller | 19° 23'.34N., 071° 12'.32E. |

| | |
|--|-----------------------------|
| Armada Sterling I | 18° 35'.24N., 071° 02'.08E. |
| Armada Sterling II | 19° 10'.50N., 070° 56'.70E. |
| Admarine 10 | 19° 29'.83N., 071° 19'.49E. |
| DS Fossil | 19° 23'.19N., 071° 17'.41E. |
| DS Fortune | 19° 01'.74N., 071° 25'.58E. |
| 2. All Highlighted Oil Rigs reflects changes in position of respective Oil Rigs from previous Notice. | |
| 3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs. | |
| 4. All positions referred to WGS 84 datum | |
| Charts Affected – 21 – 22 (INT 752) – 204 – 210 – 211 – 252 (INT 7325) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 271 – 291 – 292 (INT 7021) – 293 (INT 7022) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7705 (INT 705) – 7706 (INT 706). | |
| Former INTM 060 (T)/24 is cancelled. | |

| *074 (T) (10/24) INDIA – EAST COAST – Bay of Bengal – ADCP Moorings. | | | |
|--|------------------|---------------|--------------------------|
| Source: NIO, Goa. | | | |
| 1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:- | | | |
| ADCP Mooring | Positions | | Depth (in meters) |
| BOPS15 | 12° 01'.208N | 080° 08'.023E | 167 |
| BOPD15 | 12° 01'.852N | 080° 11'.559E | 191,406,766 |
| BOND7 | 14° 29'.954N | 080° 25'.066E | 171,371 |
| BOKD15 | 16° 01'.512N | 082° 02'.729E | 176,381 |
| BOKS15 | 16° 10'.749N | 081° 58'.804E | 171 |
| BOVD14 | 17° 44'.074N | 084° 00'.584E | 168,377 |
| BOVS15 | 17° 48'.678N | 083° 59'.674E | 96,174 |
| BOGS16 | 19° 25'.925N | 085° 42'.049E | 166 |
| BOGD16 | 19° 23'.911N | 085° 47'.470E | 177,381,685 |
| BODD7 | 19° 58'.436N | 088° 19'.614E | 163,367 |
| 2. All positions referred to WGS 84 datum. | | | |
| 3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution. | | | |
| Charts Affected – 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). | | | |
| Former INTM 152 (T)/23 is cancelled. | | | |

***075 (T) (10/24) INDIAN OCEAN - NORTHERN PART - RAMA Buoys.**

Source: NOAA.

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

| Buoy No./Name | Position |
|----------------------|-----------------------------------|
| RA185A | 15° 01'.70N., 089° 02'.50E |
| RA184A | 00° 00'.00N., 089° 57'.60E |
| RA175A | 01° 32'.90S., 080° 34'.00E |
| RA183A | 09° 24'.40N., 097° 50'.30E |
| RA182A | 02° 16'.10N., 072° 56'.40E |
| RA181A | 08° 07'.70S., 110° 32'.90E |
| RA180A | 00° 39'.80S., 073° 07'.40E |
| RA179A | 09° 26'.80S., 047° 21'.30E |
| RA177A | 05° 17'.00S., 055° 29'.10E |
| RA178A | 09° 24'.80S., 051° 07'.20E |
| RT033 | 09° 46'.60N., 080° 16'.60E |
| RT030 | 00° 47'.80S., 083° 06'.70E |
| RT029 | 12° 34'.90S., 068° 50'.60E |
| RT028 | 11° 50'.50S., 080° 18'.80E |
| RT032 | 25° 06'.80N., 062° 20'.00E |
| RT040 | 03° 55'.30S., 064° 59'.20E |
| RT039 | 08° 06'.20S., 065° 04'.60E |
| RT038 | 12° 01'.30S., 064° 57'.80E |

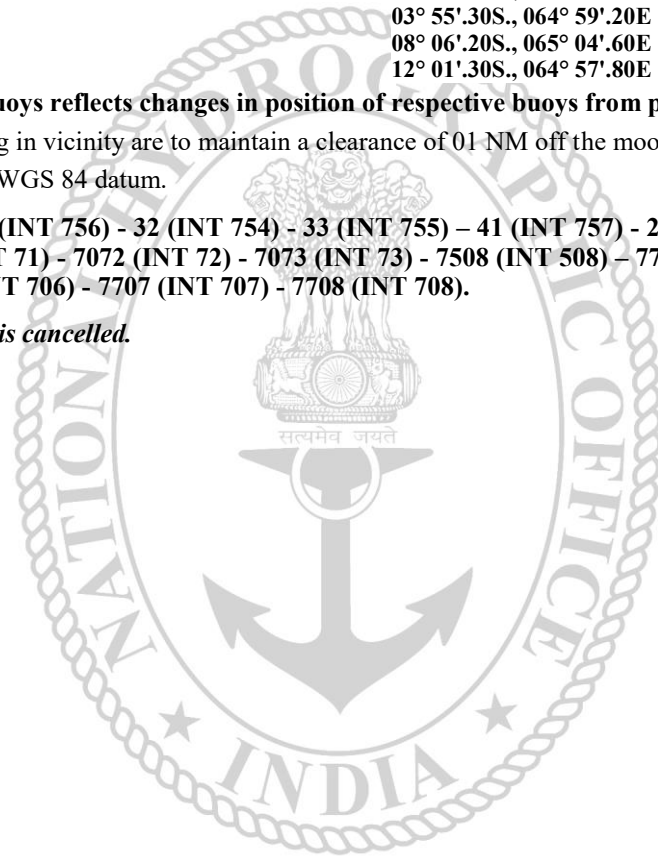
2. **All Highlighted Buoys reflects changes in position of respective buoys from previous Notice.**

3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.

4. All positions are in WGS 84 datum.

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

Former INTM 068 (T)/24 is cancelled.



SECTION – IV

MARINE INFORMATION

1. **NAVTEX TRANSMISSION**

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

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

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

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

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

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

3. **DISPLAY ANOMALIES IN ECDIS**

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

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

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

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

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

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

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

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

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

7. **CAUTIONARY NOTE**

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

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

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

List of Indian Chart Agents

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| <p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p> | <p>M/s VDO Marine Instruments PO Bag No – 645, 45/271, Shanghar Building, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682003 Tel: +91 4842667157 Mob: +91 9447068469 Email: atmain@gmail.com Web: WWW.atmain.in</p> |
| <p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p> | <p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p> |
| <p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p> | <p>M/s Global Marine Infratech Pvt. Ltd. SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p> |
| <p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p> | <p>L. R. Marine Services 301, 3rd Floor, Biry House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p> |
| <p>M/s Lift o Marine Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p> | <p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com</p> |
| <p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani'sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p> | <p>M/s CNC Office No. S-12-92, Haware's Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: sales@emariner.net</p> |

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

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

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| 2022 SERIES - 134 237 519 |
| 2023 SERIES - 116 161 178 386 455 456 484 574 604 655 675 703 733 741 748 750 929 1046 1057 |
| 2024 SERIES - 175 180 188 215 253 254 288 291 317 343 375 396 397 398 413 420 422 429 430 436 437 439 441 444 446 455 456 460 461 465 468 474 475 476 479 481 482 484 486 487 488 489 490 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 |

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

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| 443. Andaman Sea - off Cinque I. Charts IN 33 405 473 4030 INT 7440. Firing scheduled from 040300 to 040800 UTC, 040900 to 041200 UTC, 050300 to 050800 UTC May 24 in danger area bounded by 11-15N 092-31E, 11-14N 092-46E, 11-10N 092-46E, 11-07N 092-32E. Wide berth from area advised. 2. Cancel this MSG 050900 UTC May 24. |
| 444. Andaman Sea - Rani Lakshmibai Shila. Charts IN 33 405 473 INT 7440. Isolated danger marking buoy (11-08.52N 093-30.35E) unlit. |
| 445. India West Coast - Uttan. Charts IN 21 211 255 INT 7334. DGPS (19-16.70N 072-46.85E) transmission will be switched off from 020330 UTC to 031230 UTC May 24 for maintenance. 2. Cancel this MSG 031230 UTC May 24. |
| 446. India East Coast - off Puducherry. Charts IN 32 357 7071 INT 7397. SW Empress will carry out seismic survey from 02 May to 02 Aug 24 in area bounded by 11-09N 080-13E, 11-33N 080-13E, 12-16N 080-23E, 12-16N 080-51E, 12-06N 080-58E, 11-09N 080-58E. Wide berth requested. 2. Cancel this MSG 021830 UTC Aug 24. |
| 447. Cancel NAVAREA VIII MSG 240/23, 622/23, 435/24 and this MSG. |
| 448. India West Coast - off Mormugao. Charts IN 22 7705 INT 705. Firing scheduled from 060230 to 110530 UTC May 24 in danger area bounded by 16-16N 068-27E, 17-19N 069-09E, 17-50N 070-37E, 17-05N 072-22E, 15-18N 072-30E, 14-41N 073-42E, 14-00N 074-04E, 13-27N 073-05E, 14-28N 071-21E, 14-00N 070-18E, 15-14N 068-43E. Wide berth from area advised. 2. Cancel this MSG 110630 UTC May 24. |
| 449. India West Coast - off Mormugao. Charts IN 22 293 7705 INT 752. Firing by aircraft scheduled 08 to 10 May 24 from 0500 to 0700 UTC and 0900 to 1100 UTC in danger area bounded by 15-42N 071-55E, 13-10N 073-51E, 13-52N 074-32E, 16-34N 073-12E. Wide berth from area advised. 2. Cancel this MSG 101200 UTC May 24. |
| 450. India East Coast - Sriharikota. Charts IN 32 313 356 INT 7400. Integrated air drop tests scheduled 03 to 09 May 24 from 0100 to 0500 UTC in danger area bounded by 13-38N 080-11.08E, 13-42N 080-11.08E, 13-42N 080-14.5E, 13-46N 080-15.5E, 13-46N 080-25E, 13-30N 080-25E, 13-30N 080-17E. Wide berth from area advised. 2. Cancel this MSG 090600 UTC May 24. |
| 451. India West Coast - Mormugao. Charts IN 22 214 293 INT 7022. Firing scheduled from 060330 to 060730 UTC May 24 in danger area bounded within 15-15.5N to 15-25N and 073-37E to 073-47.33E. Wide berth from area advised. 2. Cancel this MSG 060830 UTC May 24. |
| 452. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 060430 to 061030 UTC May 24 in danger area bounded within 20-37N to 20-52N and 088-30E to 089-00E. Wide berth from area advised. 2. Cancel this MSG 061130 UTC May 24. |
| 453. India East Coast - off Chennai. Charts IN 32 313 356 INT 7400. CS Maram progressing cable repairs along 13- |

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| <p>453. Continued. 01.03N 080-17.71E, 13-00.95N 080-17.92E, 13-00.91N 080-18.02E, 13-00.82N 080-18.10E, 13-00.75N 080-18.10E, 13-00.55N 080-18.09E, 13-00.48N 080-18.09E, 13-00.35N 080-18.18E, 13-00.32N 080-18.22E, 13-00.22N 080-18.36E, 12-59.66N 080-19.11E, 12-58.07N 080-21.28E, 12-58.43N 080-20.80E, 12-58.39N 080-20.85E, 12-55.82N 080-24.61E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>454. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. JT odyssey 1 and AHT Creative 1 progressing pipeline survey in vicinity of 19-25.13N 071-21.01E, 19-25.08N 071-23.36E, 19-35.16N 071-19.43E. Wide berth requested. 2. Cancel this MSG 151830 UTC May 24.</p> |
| <p>455. India West Coast - off Daman. Charts IN 21 254 292 INT 7331. Orion Laxmi progressing geophysical survey in area bounded by 20-56.26N 072-19.68E, 20-52.23N 072-23.46E, 20-38.16N 072-06.66E, 20-38.36N 072-03.9E, 20-34.03N 071-58.53E, 20-03.61N 071-41.45E, 20-08.03N 071-36.35E, 20-40.61N 071-56.4E. Wide berth requested. 2. Cancel this MSG 151830 UTC Jun 24.</p> |
| <p>456. India East Coast - off Gopalpur. Charts IN 31 305 353 INT 7413. Army air defence firing scheduled 06 to 17 May 24 from 0130 to 0830 UTC and 0930 to 1430 UTC in danger area bounded by (a) 19-14.6N 084-53.7E (b) 19-07.39N 085-35.94E (c) 18-33.61N 084-53.74E and arc of 41 Nm radius joining point B and C. Wide berth from area advised. 2. Cancel this MSG 171530 UTC May 24.</p> |
| <p>457. India East Coast - off Balasore. Charts IN 31 351 352 INT 7416. Experimental flight trials scheduled 06 to 13 May 24 from 0430 to 0630 UTC and 0830 to 1030 UTC in danger area bounded by 20-46.7N 086-59.98E, 19-55.5N 087-19.63E, 20-06.33N 087-39.5E, 20-47.8N 087-01.98E. Wide berth from area advised. 2. Cancel this MSG 131130 UTC May 24.</p> |
| <p>458. Cancel NAVAREA VIII MSG 194/24, 325/24 and this MSG.</p> |
| <p>459. NAVAREA VIII - Warnings in force as on 03 May 2024 2022 Series - 134 162 237 461 519 2023 Series - 116 161 178 386 455 456 484 574 604 655 675 703 733 741 748 750 929 1046 1057 2024 Series - 132 142 175 180 188 189 215 253 254 262 281 288 291 296 297 317 321 343 371 372 375 376 382 383 393 396 397 398 407 413 415 419 420 422 423 429 430 436 437 439 440 441 443 444 446 448 449 450 451 452 453 454 455 456 457 458 (b) NAVAREA VIII Warnings less than 42 days promulgated via safetyonet. (a) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 101000 UTC May 24.</p> |
| <p>460. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Rig move. Admarine-10 (19-36.19N 071-21.10E), Key Singapore (17-52.76N 072-26.36E). INTM 07/24, 060(T) refers. Wide berth requested.</p> |
| <p>461. Indian Ocean - off Port Louis. Charts IN 2514 2527 INT 7739. Wreck reported in approximate position (20-08.86S 057-27.01E) Mariners to exercise caution while anchoring.</p> |
| <p>462. India East Coast - Sriharikota. Charts IN 32 313 356 INT 7400. Integrated air drop tests scheduled 05 to 20 May 24 from 0030 to 0500 UTC in danger area bounded by 13-38N 080-11.08E, 13-42N 080-11.08E, 13-42N 080-14.5E, 13-46N 080-15.5E, 13-46N 080-25E, 13-30N 080-25E, 13-30N 080-17E. Wide berth from area advised. 2. Cancel NAVAREA VIII MSG 450/24 and this MSG 200600 UTC May 24.</p> |
| <p>463. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled from 080830 to 081030 UTC May 24 in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 081130 UTC May 24.</p> |
| <p>464. Bay of Bengal - off Myanmar. Charts IN 31 41 BA 830 INT 757. Myanmar naval exercise scheduled from 082330 UTC to 131130 UTC May 24 in danger areas bounded by (a) 15-32N 092-40E, 14-59N 093-28E, 14-08N 092-58E, 14-42N 092-10E (b) 14-00N 093-30E, 14-00N 094-40E, 15-10N 094-40E, 15-10N 093-30E. Wide berth FROM area advised. 2. Cancel this MSG 131230 UTC May 24.</p> |
| <p>465. Andaman Sea - Hut bay and Campbell Bay. Charts IN 41 472 4039 4151 INT 7032. Isolated danger mark buoy (10-37.85N 092-34.53E), buoy (06-58.81N 093-56.95E) reported missing. 2. Cancel NAVAREA VIII MSG 162/22, 461/22.</p> |
| <p>466. India West Coast - off Dabhol. Charts IN 22 293 7705 INT 7022. Endeavour progressing cable laying operations in vicinity of 17-01.62N 069-39.98E, 17-02.14N 069-41.11E, 17-11.70N 069-54.38E, 17-22.25N 070-09.06E, 17-23.59N 070-10.93E, 17-25.43N 070-13.49E, 17-25.28N 070-14.38E, 17-25.04N 070-15.88E, 17-25.03N 070-15.89E, 17-24.32N 070-16.75E, 17-23.68N 070-17.52E, 17-23.59N 070-17.63E, 17-21.71N 070-20.78E, 17-19.69N 070-20.54E. Wide berth of 02 Nm requested. 2. Cancel this MSG 101830 UTC May 24.</p> |
| <p>467. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Wilchief-1, Freight 54, Sea Conquest, Sea Venture, Albatross 37 Progressing offshore support activities in areas bounded by (a) 19-41.98N 071-07.09E, 19-41.62N 071-34.48E, 19-26.20N 071-34.24E, 19-26.56N 071-06.89E (b) 19-11.14N 071-06.69E, 19-10.79N 071-33.99E, 19-26.20N 071-34.24E, 19-26.56N 071-06.89E (c) 18-49.20N 072-09.49E, 18-48.80N 072-28.68E, 18-14.84N 072-27.98E, 18-15.17N</p> |

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| <p>467. Continued. 072-08.86E. Wide berth requested. 2. Cancel this MSG 151830 UTC May 24.</p> |
| <p>468. India East Coast - off Kanyakumari. Charts IN 32 223 262 INT 7365. Teja progressing geophysical survey in area bounded within 07-53.47N to 08-04.98N and 077-36.05E to 077-44.35E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>469. Cancel NAVAREA VIII MSG 393/24 and this MSG.</p> |
| <p>470. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled from 100330 to 100830 UTC May 24 in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised. 2. Cancel this MSG 100930 UTC May 24.</p> |
| <p>471. Bay of Bengal - off Myanmar. Charts IN 31 7071 INT 757. Rocket debris predicted from 112300 UTC to 120500 UTC May 24 in danger area bounded by 16-36N 093-50E, 16-42N 093-23E, 17-35N 093-34E, 17-29N 094-02E. Wide berth from area advised. 2. Cancel this MSG 120600 UTC May 24.</p> |
| <p>472. India East Coast - off Visakhapatnam. Charts IN 31 308 354 INT 754. Firing scheduled from 100330 to 110830 UTC May 24. Danger sector circle of 05 Nm radius from launcher (17-40N 083-58E). Wide berth from area advised. 2. Cancel this MSG 110930 UTC May 24.</p> |
| <p>473. Cancel NAVAREA VIII MSG 466/24 and this MSG.</p> |
| <p>474. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Rig move. Admarine-11 (18-38.27N 072-14.04E), FG Mclintock (18-29.42N 072-14.73E), Compact driller (19-32.24N 071-42.36E), Aban IV (19-31.78N 071-17.39E). INTM 07/24, 060(T) refers. Wide berth requested. 2. Cancel NAVAREA VIII MSG 321/24, 415/24.</p> |
| <p>475. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Parameswara (19-26.11N 071-24.16E), GD Chaaya (20-05.46N 071-53.12E), DS Fortune (19-29.91N 071-24.65E), Virtue-1 (19-27.54N 071-22.82E). Refer to 060(T) of INTM 07/24. Wide berth requested.</p> |
| <p>476. India West Coast - off Daman. Charts IN 21 254 292 INT 7331. Vyacheslav Tikhonov progressing seismic survey in area bounded by 19-58.07N 071-28.78E, 19-58.85N 072-32.52E, 20-23.14N 072-37.26E, 20-23.44N 071-33.09E. Wide berth of 06 Nm requested. 2. Cancel this MSG 081830 UTC Jun 24.</p> |
| <p>477. India East Coast - Nagapattinam. Charts IN 32 357 3007 INT 7397. DGNSS (10-45.95N 079-51.01E) transmission switched off for maintenance.</p> |
| <p>478. Cancel NAVAREA VIII MSG 477/24 and this MSG.</p> |
| <p>479. India East Coast - off Puducherry. Charts IN 32 357 7071 INT 754. Rig move. Dhirubhai deepwater KG1 (11-35.6N 080-19.9E). Wide berth requested.</p> |
| <p>480. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled from 130430 to 131030 UTC May 24 in danger area bounded within 20-37N to 20-52N and 088-30E to 089-00E. Wide berth from area advised. 2. Cancel this MSG 131130 UTC May 24.</p> |
| <p>481. India West Coast - Gulf of Kachchh. Charts IN 203 2068 INT 7319. VLCC buoy (22-36.2N, 069-16.6E) Unlit.</p> |
| <p>482. India West Coast - off Mormugao. Charts IN 22 293 7705 INT 752. Firing scheduled from 130330 to 151630 UTC May 24 in danger area bounded by 15-36N 071-50E, 14-39N 073-40E, 14-00N 074-00E, 13-37N 073-00E, 14-31N 071-24E. Wide berth from area advised. 2. Cancel this MSG 151730 UTC May 24.</p> |
| <p>483. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Barge Leighton Stealth, AHT Britoil 67 progressing pipeline laying in vicinity of 19-34.42N 071-21.78E. Wide berth requested. 2. Cancel this MSG 151830 UTC May 24.</p> |
| <p>484. NAVAREA VIII - Warnings in force as on 10 May 2024 2022 Series - 134 237 519 2023 Series - 116 161 178 386 455 456 484 574 604 655 675 703 733 741 748 750 929 1046 1057 2024 Series - 132 175 180 188 189 215 253 254 262 281 288 291 296 297 317 343 375 376 383 396 397 398 407 413 419 420 422 423 429 430 436 437 439 441 444 446 448 453 454 455 456 457 460 461 462 464 465 467 468 471 472 474 475 476 479 480 481 482 483 (a) NAVAREA VIII Warnings less than 42 days promulgated via safetyonet. (b) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 171000 UTC May 24.</p> |
| <p>485. India West Coast - off Trivandrum. Charts IN 22 222 260 261 INT 752. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled from 150530 to 150700 UTC May 24. Danger sector from launcher (a) Radius of 05 Nm between azimuth 190 and 300 (b) Between radii of 45 Nm and 75 Nm and azimuth 220 and 260. Wide berth from area advised.</p> |

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| 485. Continued. |
| 2. Cancel this MSG 150800 UTC May 24. |
| 486. India West Coast - off Mumbai. Charts IN 21 253 255 292 INT 7021. Vanessa 7 progressing survey in vicinity of 20-22.89N 072-17.87E, 20-22.07N 072-13.74E, 19-01.61N 072-07.54E, 19-01.47N 071-22.25E, 19-18.32N 071-22.76E, 19-35.42N 071-16.66E, 18-18.63N 072-21.81E, 19-33.08N 071-21.27E, 21-03.50N 072-24.44E. Wide BERTH requested. |
| 2. Cancel this MSG 081830 UTC Jun 24. |
| 487. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled 15 and 22 May 24 from 0830 to 1030 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. |
| 2. Cancel this MSG 221130 UTC May 24. |
| 488. Andaman Sea - off Port Blair. Charts IN 41 404 473 INT 7031. Firing scheduled from 161015 to 161200 UTC May 24 in danger area bounded by 11-39.58N 092-46.25E, 11-40.5N 092-47E, 11-38.58N 092-53.08E, 11-32.75N 092-48.25E. Wide berth from area advised. |
| 2. Cancel this MSG 161300 UTC May 24. |
| 489. Andaman Sea - off North Andaman I. Charts IN 41 473 7706 INT 7031. Firing by aircraft scheduled 15 and 22 May 24 from 0830 to 1030 UTC in danger area bounded within 13-30N to 13-42N and 091-50E to 092-20E. Wide berth from area advised. |
| 2. Cancel this MSG 221130 UTC May 24. |
| 490. India East Coast - Visakhapatnam. Charts IN 31 354 391 3002 INT 7408. Firing scheduled 15 and 29 May 24 from 0400 to 0500 UTC 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 290600 UTC May 24. |
| 491. India East Coast - off Balasore. Charts IN 31 351 352 INT 7416. Experimental flight trials scheduled 14 to 15 May 24 from 0430 to 0630 UTC and 0830 to 1030 UTC in danger area bounded by 20-46.7N 086-59.98E, 19-55.5N 087-19.63E, 20-06.33N 087-39.5E, 20-47.8N 087-01.98E. Wide berth from area advised. |
| 2. Cancel this MSG 151130 UTC May 24. |
| 492. India East Coast - off Balasore. Charts IN 31 351 7706 INT 756. Experimental flight trials scheduled 16 to 31 May 24 from 0430 to 0630 UTC and 0830 to 1100 UTC in danger area bounded by (a) 21-11.23N 086-49.48E (b) 18-46.87N 088-30.05E (c) 19-26.6N 089-15.76E (d) 21-37.52N 087-32.58E. Danger area extending up to coastline joining point A and D. Wide berth from area advised. |
| 2. Cancel this MSG 311200 UTC May 24. |
| 493. Cancel NAVAREA VIII MSG 462/24 and this MSG. |
| 494. Indian Ocean - Somalia Basin. Charts IN 7071 7703 INT 703. Piracy attack on motor vessel reported in approximate position 06-20N 050-06E at 131130 UTC May 24. Vessels advised to keep clear and exercise extreme caution. |
| 2. Cancel this MSG 170430 UTC May 24. |
| 495. India East Coast - off Chennai. Charts IN 32 313 356 INT 7400. Firing by CG aircraft scheduled 17 and 24 May 24 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 241230 UTC May 24. |
| 496. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled 17, 24 and 31 May 24 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 310930 UTC May 24. |
| 497. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. AWB Miclyn constructor 1 and AHT Maria 1 will carry out hook up activities from 16 to 31 May 24 in vicinity of 19-34.39N 071-21.75E, 19-36.15N 071-21.11E. Wide berth requested. |
| 2. Cancel this MSG 311830 UTC May 24. |
| 498. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. AWB Urja with AHT Shakti will carry out hook up activities from 16 to 31 May 24 in vicinity of 19-19.50N 071-13.99E. Wide berth requested. |
| 2. Cancel this MSG 311830 UTC May 24. |
| 499. India West Coast - Gulf of Kachchh. Charts IN 21 252 2031 INT 7326. Mithapur buoy relaid in new position 22-24.89N 068-51.90E after maintenance. |
| 2. Cancel NAVAREA VIII MSG 281/24. |
| 500. India West Coast - off Alappuzha. Charts IN 22 221 260 INT 7362. Firing scheduled 17 and 18 May 24 from 0430 to 1130 UTC in danger area bounded within 09-09N to 09-19N and 075-52E to 076-02E. Wide berth from area advised. |
| 2. Cancel this MSG 181230 UTC May 24. |
| 501. India West Coast - off Satpati. Charts IN 21 255 292 INT 7334. Hydrographic survey being progressed in area bounded by 19-42.57N 071-28.05E, 19-42.57N 071-41.26E, 19-45N 071-41.26E, 19-45N 071-41.43E, 19-42.57N 071-41.43E, 19-42.57N 071-47.33E, 19-45N 071-47.33E, 19-45N 071-47.53E, 19-42.57N 071-47.53E, 19-42.57N 072-08.30E, 19-23N 072-08.30E, 19-23N 071-28.05E. Wide berth requested. |
| 2. Cancel this MSG 151830 UTC Jun 24. |

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|---|
| <p>502. India West Coast - Aguada. Charts IN 22 214 2020 2022 INT 7345. DGPS (15-29.51N 073-46.36E) transmission will be switched off from 160230 to 161230 UTC May 24 for maintenance. 2. Cancel this MSG 161230 UTC May 24.</p> |
| <p>503. India East Coast - Antarvedi. Charts IN 32 355 391 INT 7405. DGPS (16-19.02N 081-43.55E) transmission will be switched off from 160030 to 191430 UTC May 24 for maintenance. 2. Cancel this MSG 191430 UTC May 24.</p> |
| <p>504. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Vivekanand 2 (19-18.32N 071-22.80E), Ron Tappmeyer (18-08.50N 072-22.10E), Jindal Explorer (19-31.84N 071-24.92E), Trident 2 (19-38.92N 071-20.92E), Sagar Jyoti (20-15.40N 072-12.58E), Sagar Uday (19-22.87N 071-27.70E). Refer to 060(T) of INTM 07/24. Wide berth requested.</p> |
| <p>505. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Seamec princess will carry out pipeline survey from 16 May to 30 Jun 24 in vicinity of 19-18.31N 071-22.76E, 18-45.69N 072-19.19E, 21-03.68N 072-25.30E. Wide berth requested. 2. Cancel this MSG 301830 UTC Jun 24.</p> |
| <p>506. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Seamec III WILL carry out pipeline survey from 16 May to 30 Jun 24 in vicinity of 19-20.94N 071-18.14E, 19-35.16N 071-19.43E, 19-19.46N 071-13.99E, 19-23.48N 071-25.18E, 19-38.89N 071-20.92E, 18-34.93N 072-14.43E, 18-29.37N 072-14.74E, 18-08.44N 072-22.08E, 18-43.44N 072-20.31E, 21-03.68N 072-25.30E. Wide berth requested. 2. Cancel this MSG 301830 UTC Jun 24.</p> |
| <p>507. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Posh Natuna with Posh Arcturus and Posh Panglima will carry out pipeline survey from 16 to 31 May 24 in vicinity of 18-43.49N 072-20.30E, 18-45.69N 072-19.19E, 19-19.50N 071-13.99E, 19-16.20N 071-23.30E, 19-19.84N 071-15.33E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>508. India West Coast - off Hazira. Charts IN 21 208 254 292 INT 7331. LTB 300, Britoil 72 and Britoil 81 will carry out pipeline installation from 16 to 31 May 24 along 21-02.99N 072-22.99E, 21-03.68N 072-25.30E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>509. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Leighton Stealth, Britoil 67 will carry out pipeline laying from 16 to 31 May 24 in vicinity of 19-34.42N 071-21.78E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>510. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. JT Odyssey 1 and creative 1 will carry out hook up activities from 16 to 31 May 24 in vicinity of 19-35.16N 071-19.43E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 24.</p> |
| <p>511. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. ACOMS 11 will carry out pipeline survey from 16 May to 30 Jun 24 in vicinity of 21-03.69N 072-25.30E, 19-21.01N 071-18.08E, 19-34.43N 071-21.74E, 19-16.73N 071-25.53E, 18-29.37N 072-14.74E, 18-08.44N 072-22.08E, 18-42.51N 072-20.42E. Wide berth requested. 2. Cancel this MSG 301830 UTC Jun 24.</p> |
| <p>512. Andaman Sea - Campbell Bay. Charts IN 33 409 4039 INT 7448. DGPS (07-00.44N 093-55.08E) Transmission will be switched off from 152330 to 161130 UTC May 24 for maintenance. 2. Cancel this MSG 161130 UTC May 24.</p> |
| <p>513. Cancel NAVAREA VIII MSG 407/24, 453/24 and this MSG.</p> |
| <p>514. India East Coast - off Balasore. Charts IN 31 351 7706 INT 7419. Experimental flight trials scheduled (a) 16,17 May 24 and 27 to 30 May 24 from 0200 to 1300 UTC and (b) 20 to 24 May 24 from 0830 to 1300 UTC in danger area bounded by (a) 21-27.5N 087-02E (b) 21-11.66N 087-19E (c) 21-04N 086-51.5E. Danger area extending up to coastline joining point A and C. Wide berth from area advised. 2. Cancel this MSG 301400 UTC May 24.</p> |
| <p>515. India East Coast - off Balasore. Charts IN 31 351 7706 INT 756. Experimental flight trials scheduled 27 to 31 May 24 from 0430 to 0630 UTC and 0830 to 1100 UTC in danger area bounded by (a) 21-11.23N 086-49.48E (b) 18-46.87N 088-30.05E (c) 19-26.6N 089-15.76E (d) 21-37.52N 087-32.58E. Danger area extending up to coastline joining point A and D. Wide berth from area advised. 2. Cancel NAVAREA VIII MSG 492/24 and this MSG 311200 UTC May 24.</p> |

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

7.2

| | | | | | | | |
|-----------------|--------------------|--------------------------|------------------|----|---|---------------------------------------|----|
| D7339-9 | - Jazireh-ye Qeshm | 26 41-94 N 55 54-73 E | FI R 5s | .. | 3 | Red beacon | .. |
| * | * | * | * | * | * | * | * |
| D7709-75 | - Suru | 27 09-06 N 56 14-09 E | Q(6)W+LFI 15s | .. | 3 | ▽ ▽ on black beacon, yellow top | .. |
| | | | * | | | * | |

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

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

NIL

INP 31(2), 2019

(Last correction: Edition No. 09 dated 01 May 2024)

NIL

INP 31(5), 2021

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

NIL

INP 31(6), 2023

(Last correction: Edition No. 09 dated 01 May 2024)

PAGE 164, OMAN, SOHAR.

Delete entry and replace by:

SUHAR (SOHAR)

24°30'N 56°38'E

UNCTAD LOCODE: OM SOH

Pilots

HOURS: H24

PROCEDURE:

(1) **Pilotage is compulsory** for all vessels except naval vessels, Government vessels or other vessels exempted by the Hr Mr.

(2) **Pilot ordering:** Request for pilotage should be sent to the Hr Mr's Office via the agent or by email or fax at least 3h before the service is required.

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

(a) RV: 24°38'·00N 56°40'·00E (Vessels with a draught of 20m and over)

(b) A: 24°35'·00N 56°37'·77E (Vessels of 300m LOA and over or with a draught of 15m and over)

(c) B: 24°33'·30N 56°37'·70E (All other vessels)

Port

CONTACT DETAILS:

Port Control

Call: Sohar Port Control

VHF Channel: Ch 16, 13, 71

Telephone: +968 26852777

+968 99342699 (Mobile)

Hr Mr

Telephone: +968 26762517

+968 26762518

Fax: +968 26852519

Oman International Container Terminal (OICT)

Telephone: +968 26865600

Fax: +968 26865606

E-mail: info@oict.com.om

Website: www.oict.com.om

Port Authority

Telephone: +968 26852700

+968 26852703

Fax: +968 26852720

E-mail: ops@soharportandfreezone.com

Website: soharportandfreezone.om/en

HOURS: H24

PROCEDURE:

(1) **Notice of ETA:** Vessels should advise ETA to the Hr Mr, 72h and 24h prior to arrival.

(2) Vessels should confirm ETA to the Hr Mr, 4h prior to arrival, stating the following information:

(a) LOA

(b) Draught

(c) nt and gt

(d) Cargo distribution details

(e) Last port of call

(f) Next port of call

(g) Vessel's flag

(h) Dangerous goods

(3) Vessels should contact the Hr Mr on VHF Ch 16 or 71 to obtain permission to enter or leave the port.

(4) Vessels should maintain a continuous listening watch on VHF Ch 71 whilst within the port

PAGE 205, SINGAPORE, Contact Details Section.

Delete entry and replace by:

CONTACT DETAILS:

PSA Marine (Pte) Ltd

Call: Singapore Pilots

VHF Channel: Ch 20

Telephone: +65 63799808

+65 63799867

E-mail: singaporepilot@onehandshake.com

Website: www.psamarine.com/

MPA

Telephone: +65 63252475

Website: www.mpa.gov.sg/port-marine-ops/marine-services/pilotage-and-towage

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / Harbour and other waterways, are requested to look out for new or suspected dangers to navigation, changes in aids to navigation, or corrections to published charts and Sailing Directions. Whenever any such changes / dangers are observed, mariners are requested to notify the same to the Chief Hydrographer to the Government of India at the following address: -

National Hydrographic Office
107-A, Rajpur Road,
Dehradun - 248001
(Uttarakhand), India

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

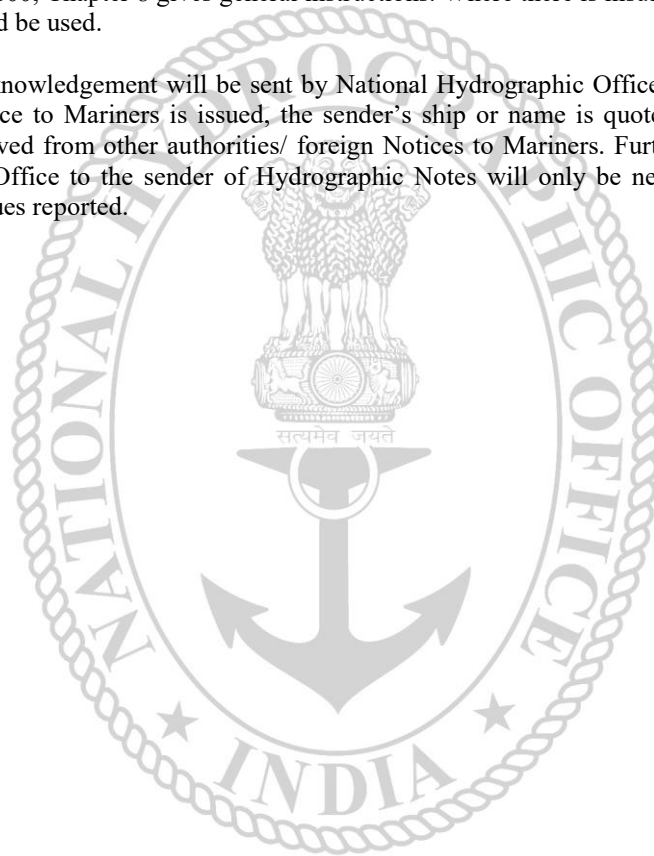
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

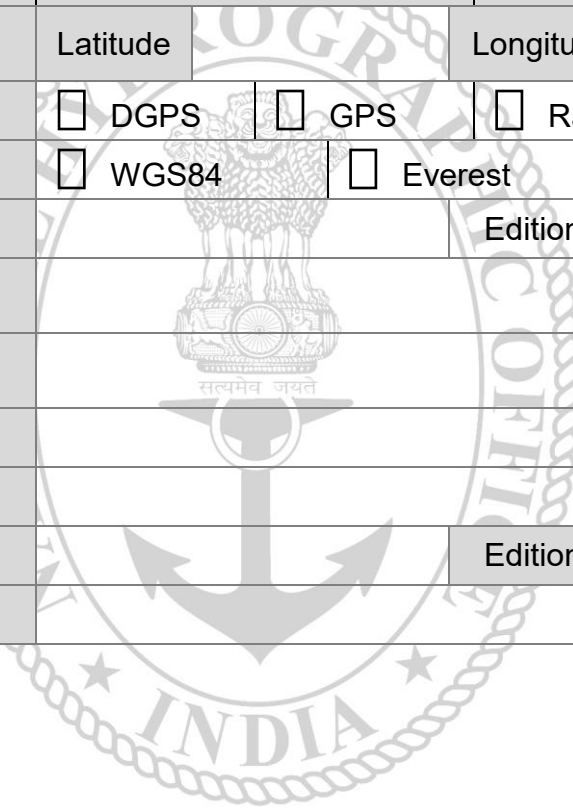
8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

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

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

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

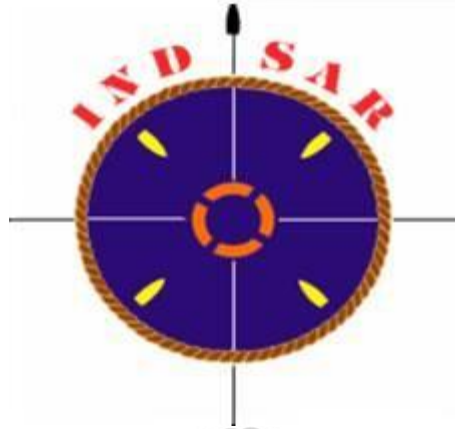


| HYDROGRAPHIC NOTE | | | | IH.102 (Revised 2012) | |
|--|---|----------------------------------|---------------------------------------|----------------------------------|------------------------------------|
| For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC