

# INDIAN NOTICES TO MARINERS



EDITION NO. 23 DATED 01 DEC 2022

(CONTAINS NOTICES 205 TO 211)

REACH US 24 x 7



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

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



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## II

### MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer  
to the Government of India**

#### **WARNING AGAINST USE OF COUNTERFEIT PRODUCTS**

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

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

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

### III

## **EXPLANATORY NOTES**

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

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

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

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

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

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

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

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

**Radio Navigational Warnings.**

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

## IV

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

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

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

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

### **Use of Global Positioning System (WGS 84) positions.**

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

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

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

## NEWLY PUBLISHED INDIAN CHARTS, ENC'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>
227	15-09-2022	<b>APPROACHEHS TO MALE ATOLL</b> 04° 04'.00N; 73° 05'.00E. 05° 23'.00N; 73° 56'.00E.	1,50,000	1	Rs. 1950.00
2597	15-07-2022	<b>KAASHIDHOO TO NORTH MALE ATOLL</b> 04° 33'.50N; 73° 20'.50E. 05° 00'.00N; 73° 38'.00E.	50,000	1	Rs. 1950.00
2598	15-07-2022	<b>NORTH MALE, ATOLL &amp; APPROACHES</b> 04° 17'.50N; 73° 20'.00E. 04° 35'.00N; 73° 46'.50E.	50,000	1	Rs. 1950.00
2599	15-07-2022	<b>MALE' ATOLL</b> 04° 08'.70N; 73° 21'.70E. 04° 17'.50N; 73° 35'.00E.	25,000	1	Rs. 1950.00
295	15-07-2022	<b>LAKSHADWEEP TO MALDIVES</b> 06° 30'.00N; 69° 10'.00E. 11° 00'.00N; 76° 12'.00E.	7,50,000	4	Rs. 1950.00
4252	31-07-2022	<b>DILIGENT STRAIT TO KOTARA ANCHORAGE</b> 11° 55'.60N; 92° 43'.00E. 12° 16'.40N; 93° 15'.40E.	60,000	6	Rs. 1950.00

2. The new edition Indian Chart that is available for mariners in the market is 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>
207	15-09-2022	<b>DIU HEAD TO GOPNATH POINT</b> 20° 22'.00N; 70° 49'.50E. 21° 12'.50N; 72° 14'.00E.	1,50,000	2	Rs. 1950.00
4104	31-07-2022	<b>APPROACHES TO PORT MEADOWS AND KOTARA ANCHORAGE</b> 11° 54'.20N; 92° 42'.80E. 12° 02'.80N; 92° 56'.35E.	1,50,000	6	Rs. 1950.00

3. The Indian Chart that is permanently withdrawn is 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>
207	31-05-2022	<b>DIE HEAD TO GOPNATH POINT</b>	207	15-09-2022
227	31-01-2020	<b>MALE AND FADDIFFOLU ATOLLS</b>	227	15-09-2022
2597	15-10-2017	<b>KAASHIDHOO TO NORTH MALE ATOLL</b>	2597	15-07-2022
2598	15-10-2017	<b>NORTH MALE, ATOLL &amp; APPROACHES</b>	2598	15-07-2022
2599	15-09-2021	<b>MALE' ATOLL</b>	2599	15-07-2022
4015	31-07-2022	<b>DILIGENT STRAIT TO KOTARA ANCHORAGE</b>	4252	31-07-2022
4104	15-07-2017	<b>APPROACHES TO PORT MEADOWS AND KOTARA ANCHORAGE</b>	4104	31-07-2022

## VI

4. The new Indian Electronic Navigational Chart 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>
IN3207AA	207	DIU HEAD TO GOPNATH POINT	24-11-2022
IN2295AA	295	LAKSHADWEEP TO MALDIVES	24-11-2022
IN44014A	4014	RANGAT BAY TO DILIGENT STRAIT	25-11-2022
IN44252A	4252	DILIGENT STRAIT TO KOTARA ANCHORAGE	24-11-2022

5. The new edition Indian Electronic Navigational Chart 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>
IN3227MF	227	APPROACHES TO MALE ATOLL	23-11-2022
IN42597K	2597	KASSHIDHOO TO NORTH MALE ATOLL	24-11-2022
IN42598A	2598	NORTH MALE ATOLL AND APPROACHES	24-11-2022
IN52599M	2599	MALE ATOLL	22-11-2022
IN54104P	4104	APPROACHES TO PORT MEADOWS AND KOTARA ANCHORAGE	23-11-2022

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>
IN3207DP	207	DIU HEAD TO GOPNATH POINT	12-02-2019
IN3227MF	227	APPROACHES TO MALE ATOLL	22-12-2019
IN42597K	2597	KASSHIDHOO TO NORTH MALE ATOLL	22-12-2017
IN42598A	2598	NORTH MALE ATOLL AND APPROACHES	09-11-2017
IN52599M	2599	MALE ATOLL	11-10-2021
IN44015A	4015	DILIGENT STRAIT TO KOTARA ANCHORAGE	27-05-2021
IN44014D	4014	RANGAT BAY TO DILIGENT STRAIT	21-02-2017
IN54104P	4104	APPROACHES TO PORT MEADOWS AND KOTARA ANCHORAGE	25-10-2017

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
253	VERAVAL TO PIPAVAV	3,00,000	NEW EDITION
254	APPROACHES TO GULF OF KHAMBHAT	3,00,000	NEW EDITION

## VII

### Availability of ENC's

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

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





**SECTION – I**

The list of charts affected by the Notices 205 to 211 contained in this edition is as follows: -

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
22 (INT 752)	3	210
31 (INT 756)	5	205, 208
32 (INT 754)	5	205
41 (INT 757)	6	206,207
355 (INT 7405)	5	205
391	5	205
403 (INT 7437)	6	211
404 (INT7439)	6	211
4014	6	209
4253	6	209





## SECTION – II

### PERMANENT NOTICE

**\*205 (23/22) INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – FPSO.**

Source: Reliance Industries Ltd.

**Chart 31 (INT 756)** [previous update 196/22]

Insert  16° 33′.10N, 082°35′.70E.

**Chart 32 (INT 754)** [previous update 191/22]

Insert  16° 33′.10N, 082°35′.70E.

**Chart 391** [previous update 183/22]

Insert  16° 33′.10N, 082°35′.70E.

**Chart 355 (INT 7405)** [previous update NE 31 MAY 2022]

Insert  16° 33′.10N, 082°35′.70E.

**\*206 (23/22) BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea –Buoy.**

Source: Naval Hydrographic Centre, Myanmar.

**Chart 41 (INT 757)** [previous update 176/22]

Insert  16° 45′.04N, 096° 12′.20E.

**\*207 (23/22) BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea –Buoy.**

Source: Naval Hydrographic Centre, Myanmar.

**Chart 41 (INT 757)** [previous update 206/22]

Insert  Fl.G.2s 16° 45′.70N, 096° 11′.35E.

**\*208 (23/22) INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Buoy.**

Source: BNHOC Notice NO.22/2021.

**Chart 31 (INT 756)** [previous update 205/22]

Insert  LFl.G.6s  
No-11 21° 36′.59N, 090° 12′.99E.

Insert  LFl.R.6s  
No-26 21° 51′.81N, 090° 16′.05E.

<b>*209 (23/22)</b>		<b>Miscellaneous updates to charts.</b>
Source: NHO, Dehradun.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>4253</b>	<i>NC 15 Mar 2021</i>	Substitute: Adjoining Chart 4252 for Adjoining Chart 4015 Approx position on; 11° 59'·00N, 092° 52'·50E
<b>4014</b>	<i>previous update 169/20</i>	Substitute Adjoining Chart 4252 for Adjoining Chart 4015 Approx position on; 12° 10'·00N, 092° 57'·50E

<b>*210 (23/22)</b>		<b>Miscellaneous updates to charts.</b>
Source: NHO, Dehradun.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>22(INT 752)</b>	<i>192/22</i>	Insert Chart No. 295 and Magenta limit as follows: 06° 30'·00N., 69° 10'·00E. 11° 00'·00N., 69° 10'·00E. 11° 00'·00N., 76° 12'·00E. 06° 30'·00N., 76° 12'·00E. 06° 30'·00N., 69° 10'·00E.

<b>*211 (23/22)</b>		<b>Miscellaneous updates to charts.</b>
Source: NHO, Dehradun.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>404 (INT7439)</b>	<i>111/21</i>	Insert Chart No. 4252 and Magenta limit as follows: 11° 55'·60N., 92° 43'·00E. 11° 55'·60N., 93° 15'·40E. 12° 16'·40N., 93° 15'·40E. 12° 16'·40N., 92° 43'·00E. 11° 55'·60N., 92° 43'·00E.
		Delete Chart No.4015 and Magenta limit as follows: 11° 55'·60N., 92° 43'·00E. 11° 55'·60N., 93° 15'·40E. 12° 16'·40N., 93° 15'·40E. 12° 16'·40N., 92° 43'·00E. 11° 55'·60N., 92° 43'·00E.
<b>403(INT 7437)</b>	<i>214/21</i>	Insert Chart No. 4252 and Magenta limit as follows: 11° 55'·60N., 92° 43'·00E. 11° 55'·60N., 93° 15'·40E. 12° 16'·40N., 93° 15'·40E. 12° 16'·40N., 92° 43'·00E. 11° 55'·60N., 92° 43'·00E.
		Delete Chart No.4015 and Magenta limit as follows: 12° 15'·00N., 92° 43'·20E. 12° 16'·22N., 92° 43'·20E. 12° 16'·22N., 93° 15'·60E. 12° 15'·00N., 93° 15'·60E. 11° 55'·60N., 92° 43'·00E.

**SECTION – III**  
**TEMPORARY AND PRELIMINARY NOTICE**

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.

**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

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

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

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

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crews using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - mrc-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 SATELLITE PHONE**

(a) The use of Thuraya, Iridium and other such satellite phone is banned in India under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act. It is intimated to all shipping companies/ shipping agents that use of Thuraya/ Iridium and other such satellite phones are banned in Indian waters and seafarers should not use the same.

(b) Satellite phones can be used only after no objections certificate issued by department of telecommunication (DOT) on a case to case basis. The shipping agents should mandatorily intimate the details of person carrying Thuraya and the particulars of Thuraya, Iridium and other such sets in Pre Arrival Notification on Security (PANS).

(c) The unauthorized holders of Thuraya/ Iridium and other such Satellite phones can be prosecuted under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act.

#### 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><b>M/s C &amp; C Marine Combine</b> 25 Bank Street, 1<sup>st</sup> Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: <a href="mailto:vijay@ccmarine.in">vijay@ccmarine.in</a>, <a href="mailto:sales@ccmarine.in">sales@ccmarine.in</a></p>	<p><b>M/s Global Marine Infratech Pvt. Ltd.</b> SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: <a href="mailto:tusarkantha@gmiindia.in">tusarkantha@gmiindia.in</a> Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a></p>
<p><b>M/s JM Maritime Services</b> 24/24C Kawarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road Masjid Bunder East Mumbai – 400 009, Maharashtra India Mobile: +91 9820788357/+91-9167961448 Email : <a href="mailto:jmcharts@gmail.com">jmcharts@gmail.com</a> , <a href="mailto:jmmcharts@gmail.com">jmmcharts@gmail.com</a></p>	<p><b>L. R. Marine Services</b> 301, 3rd Floor, Biry House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: <a href="mailto:lrcharts@gmail.com">lrcharts@gmail.com</a>, <a href="mailto:lrmarine@live.com">lrmarine@live.com</a></p>
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<p><b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani'sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: <a href="mailto:zenithsurveys703@gmail.com">zenithsurveys703@gmail.com</a> <a href="mailto:nyvmane@yahoo.com">nyvmane@yahoo.com</a> Web: <a href="http://www.zenithsurvey.com">www.zenithsurvey.com</a></p>	<p><b>M/s CNC</b> Office No. S-12-92, Haware's Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: <a href="mailto:sales@emariner.net">sales@emariner.net</a></p>

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

1. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2020.
2. NAVAREA VIII Warnings in force as on 01 Dec 22: -

<b>2021 series</b> - 147 286 340 387 447 463 478 479 544 629 658 690 759 761 833
<b>2022 series</b> - 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437
445 446 461 476 489 497 513 518 519 536 546 569 571 583 584 597 601 606 615 617 623
630 646 651 656 688 691 702 757 761 804 805 810 824 826 855 856 862 864 869 871 873
875 878 879 881 883 884 887 888 891 894 901 904 905 906 907 911 912 919 920 921 922
924 927 928 930 931 932 934 935 936 937 938 940 941 942 943 944 945 946 947

3. NAVAREA VIII Warnings issued during the period from 16 Nov 22 to 30 Nov 22 (both dates inclusive) are as tabulated below: -

<b>882. Cancel NAVAREA VIII MSG 835/22 and this MSG.</b>
<b>883. India East Coast.</b> Charts IN 31 INT 756 Basulei varasa, maa bhagabati bharasa, shree laxmi chandrama and sea lion progressing bathymetric survey in the vicinity of 19-07.71N 084-48.26E, 19-06.27N 084-50.48E, 19-40.40N 085-59.49E, 20-31.40N 087-16.93E, 21-13.20N 087-33.08E, 21-34.31N 087-20.87E, 21-09.74N 086-49.84E, 20-20.83N 086-48.19E, 19-47.42N 085-49.48E, 19-23.19N 085-00.28E Wide berth requested. 2. Cancel this MSG 201830 UTC Feb 23.
<b>884. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021 Offshore supporter will carry out pipeline survey in areas bounded by (a) 19-42.47N 070-45.4E, 19-41.77N 071-40.37E, 18-55.88N 071-39.67E, 18-55.92N 070-44.90E from 16 TO 25 Nov 22 (b) 19-27.84N 071-45.34E, 19-27.53N 072-12.94E, 18-59.58N 072-20.18E, 19-00.14N 071-46.33E from 26 Nov TO 05 Dec 22 Wide berth requested. 2. Cancel this MSG 051830 Dec 22.
<b>885. India West Coast - off Ponnani.</b> Charts IN 22 259 INT 7356 Firing scheduled 18, 19 Nov 22 from 0430 to 1130 UTC in danger area bounded within 10-39N to 10-49N and 075-20.50E to 075-30E Wide berth from area advised. 2. Cancel this MSG 191230 UTC Nov 22.
<b>886. India East Coast – Sriharikota.</b> Charts IN 31 32 356 391 7706 INT 7400 Rocket launch from 13-41N 080-14E scheduled on 18 Nov 22 from 0530 to 0730 UTC. 2. Danger zone as follows. Zone-1: circle of 10 nm around launcher. Zone-2: area between radii 40 nm and 110 nm and sector between azimuth 070 and 130 from launch pad. 3. Wide berth from area advised. 4. Cancel this MSG 180830 UTC Nov 22.
<b>887. Gulf of Martaban.</b> Charts IN 31 7073 INT 756 M.v hailey sarah will carry out pipeline survey along pipeline from yadana platform (15-07.39N 094-46.97E) To Daminsaik Shore (14-34.36N 097-54.45E) from 19 Nov to 30 Dec 22 Wide berth of 2.5nm requested. 2. Cancel this MSG 301830 Dec 22.
<b>888. India East Coast - off Visakhapatnam.</b> charts IN 31 308 391 3002 INT 7410 (.) Wave rider buoy deployed at 17-44.20N 83-24.58E on 15 Nov 22. 2. Cancel This MSG 131830 Dec 22.
<b>889. Indian Ocean.</b> Charts IN 7072 7073 7703 INT 703 Surface and subsurface firing scheduled from 190330 to 191030 UTC Nov 22 in danger area bounded by 04-37N 064-26E, 04-44N 067-46E, 01-23N 067-48E, 01-23N 064-26E Wide berth from area advised. 2. Cancel this MSG 191130 UTC Nov 22.
<b>890. Bay of Bengal.</b> Charts IN 31 7706 INT 756 Sw thuridur will carry out seismic survey in area bounded by 18-35.01N 089-20.84E, 18-29.41N 088-52.75E, 17-42.68N 087-58.82E, 16-58.94N 087-17.73E, 16-29.04N 087-16.66E, 16-25.17N 087-41.75E, 16-40.38N 088-21.66E, 17-25.19N 089-24.02E from 19 to 28 Nov 22 Tow length 6nm Wide berth requested. 2. Cancel this MSG 281830 UTC Nov 22.
<b>891. India West Coast - off Mumbai.</b> Charts IN 21 210 255 292 INT 7334 Seismic survey being progressed by



<p><b>891. Continued.</b> Sanco star and Rem andes with node deployment vessel Mma valour, Mma vigilant and Mma monarch and pinging vessel orion dhanashree, parasea two and seastar amba one in area bounded by 19-37.1N 071-29.76E, 19-10.85N 071-40.99E, 19-00.86N 071-12.11E, 19-28.11N 071-01.02E Wide berth of 05 nm requested. 2. Cancel NAVAREA VIII MSG 863/22 and this MSG 101830 UTC Dec 22.</p>
<p><b>892. India West Coast - off Ponnani.</b> Charts IN 22 220 259 294 INT 7356 Firing by CG aircraft scheduled from 21 to 23 Nov 22 from 0330 to 0730 UTC in danger area bounded within 10-20N to 10-50N and 075-00E TO 075-35E Wide berth from area advised. 2. Cancel this MSG 230830 UTC Nov 22.</p>
<p><b>893. India West Coast - off Mumbai.</b> Charts IN 255 292 INT 7021 Albatross 5 will carry out cable route survey in areas bounded by (a) 18-51.04N 072-07.43E, 18-50.08N 072-08.13E, 18-46.47N 072-03.34E, 18-40.27N 071-52.04E, 18-38.45N 071-47.47E, 18-39.85N 071-47.02E, 18-46.69N 072-01.60E, 18-48.31N 072-03.46E from 21 TO 23 Nov 22 (b) 18-27.61N 071-21.79E, 18-27.27N 071-21.93E, 18-13.69N 070-54.71E, 18-14.16N 070-54.16E, 18-20.86N 071-07.14E from 24 to 28 Nov 22 Length of tow 250 meters from stern Wide berth requested. 2. Cancel this MSG 281830 UTC Nov 22.</p>
<p><b>894. India East Coast - off Balasore.</b> Charts IN 31 351 352 INT 756 IAF exercise scheduled 24 to 26 Nov, 28 Nov to 03 Dec, 05 to 09 Dec 22 from 0430 to 0730 UTC and 0830 to 1030 UTC in danger area bounded by (a) 21-42.98N 087-49.6E (b) 21-40.96N 087-53.96E (c) 21-32N 088-0E (d) 20-53N 088-47E (e) 19-48N 088-25E (f) 19-42N 087-06E (g) 20-17N 086-45E Danger area extending upto coastline joining point a and g Wide berth from area advised. 2. Cancel this MSG 091130 UTC Dec 22.</p>
<p><b>895. India West Coast - off Porbandar.</b> Charts IN 21 252 292 INT 7021 Firing by CG aircraft scheduled on 21 Nov 22 from 0330 to 0530 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 210630 UTC Nov 22.</p>
<p><b>896. Andaman Sea - off Barren I.</b> Charts IN 41 473 INT 7031 Firing by CG aircraft scheduled 22, 23 Nov 22 from 0800 to 1000 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 231100 UTC Nov 22.</p>
<p><b>897. India East Coast - off Sagar I.</b> Charts IN 31 301 351 INT 7419 Firing by CG aircraft scheduled on 22 Nov 22 from 0430 to 1030 UTC 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 221130 UTC Nov 22.</p>
<p><b>898. Cancel NAVAREA VIII MSG 613/22 and this MSG.</b></p>
<p><b>899. Arabian Sea.</b> Charts IN 7072 7073 7703 INT 703 Surface and subsurface firing scheduled from 230430 to 230930 UTC Nov 22 in danger area bounded by 07-35N 063-10E, 07-35N 068-13E, 05-03N 068-14E, 05-10N 063-10E Wide berth from area advised 2. Cancel this MSG 231030 UTC Nov 22</p>
<p><b>900. Andaman Sea - off Narcondam I.</b> Charts IN 41 473 INT 7031 Partially submerged barge Aslco 3003 reported in approximate position 13-27N 094-15E. 2. Cancel this MSG 211830 UTC Nov 22.</p>
<p><b>901. India West Coast.</b> Charts IN 21 255 292 INT 7334 Rig move Sagar Jyoti (19-10.62N 070-53.02E) Refer to 197(T) of INTM 22/22 Wide berth requested.</p>
<p><b>902. NAVAREA VIII - warnings in force as on 18 Nov 2022.</b> <b>2021 series -</b> 147 286 340 387 447 463 478 479 544 629 658 690 759 761 833 <b>2022 series -</b> 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437 445 446 461 476 489 497 513 518 519 536 546 569 571 583 584 597 601 606 615 617 623 630 646 651 656 688 691 702 745 757 761 791 804 805 810 812 813 815 817 819 824 826 827 829 830 831 852 854 855 856 859 860 861 862 864 868 869 870 871 873 875 878 879 881 883 884 885 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 (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 251000 UTC Nov 22.</p>
<p><b>903. India East Coast - off Paradip.</b> Charts IN 31 7071 7706 7707 INT 706 Experimental flight trial scheduled 23, 24 Nov 22 from 1300 to 1600 UTC in danger area bounded by 20-48.35N 087-02.61E, 18-12.35N 086-07.13E, 00-52.06N 087-05.31E, 01-08.7N 090-27.3E, 18-24.13N 088-30.46E, 20-48.73N 087-07.43E Wide berth from area advised.</p>

<b>903. Continued.</b> 2. Cancel this MSG 241700 UTC Nov 22.
<b>904. India West Coast – Utan.</b> Charts IN 21 255 292 INT 7021 DGPS (19-16.70N 072-46.85E) Transmission will be swithced off from 210330 UTC Nov 22 for maintenance.
<b>905. India West Coast - off Mumbai.</b> Charts in 21 255 292 INT 7021 (.) Gs Rashi will carry out pipeline survey in area bounded by 19-42.47N 070-45.40E, 19-41.77N 071-40.37E, 18-55.88N 071-39.67E, 18-55.92N 070-44.90E from 21 Nov to 10 Dec 22 (.) Wide berth requested 2. Cancel this MSG 101830 UTC Dec 22.
<b>906. India West Coast - off Mumbai.</b> Charts IN 21 210 255 292 INT 7021 Acoms 11 will carry out pipeline survey in area bounded by 19-42.47N 070-45.40E, 19-41.77N 071-40.37E, 18-55.89N 071-39.67E, 18-55.92N 070-44.90E from 22 Nov to 05 Dec 22 Wide berth requested. 2. Cancel this MSG 051830 UTC Dec 22.
<b>907. India East Coast</b> Charts IN 31 355 INT 7405 Rig move Olinda star (16-19.23N 082-16.32E) (.) Refer to 199(T) of INTM 22/22 Wide berth requested
<b>908. India West Coast - off Mormugao.</b> Charts IN 22 257 293 294 INT 7022 Firing scheduled from 220100 to 231130 UTC Nov 22 in danger area bounded within 14-45N TO 15-30N and 072-30E TO 073-30E Wide berth from area advised. 2. Cancel this MSG 231230 UTC Nov 22.
<b>909. 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 on 23 Nov 22 from 0500 to 0630 UTC and 0830 to 1000 UTC Danger sector (a) radius of 05 nm between azimuth 190 and 300 (b) radii of 45 nm and 75 nm between azimuth 220 and 260 Wide berth from area advised. 2. Cancel this MSG 231100 UTC Nov 22.
<b>910. India West Coast – Okha.</b> Charts IN 21 202 203 2068 INT 7319 Firing scheduled on 23 Nov 22 from 0630 to 0830 UTC in danger sector extending upto 12 nm within bearing 300 to 020 from 22-28.75N 069-04.05E Wide berth from area advised. 2. Cancel this MSG 230930 UTC Nov 22.
<b>911. Bay of Bengal - off Myanmar.</b> Charts IN 31 BA 817 INT 7430 Mv pacific rapier will carry out pipeline survey in area bounded by 19-34.6N 092-35.04E, 19-35.33N 092-36.75E, 19-40.97N 092-33.74E, 19-40.39N 092-32.37E, 19-40.58N 092-32.52E, 19-41.94N 092-33.03E, 19-27.65N 093-29.87E, 19-26.35N 093-29.39E from 24 Nov to 31 Dec 22 Wide berth requested. 2. Cancel this MSG 311830 UTC Dec 22.
<b>912. India West Coast.</b> Charts IN 21 255 292 INT 7334 Rig move Parameswara (19-36.19N 071-21.10E) Refer to 197(T) of INTM 22/22 Wide berth requested.
<b>913. India East Coast - off Chennai.</b> Charts IN 32 356 391 INT 7400 Firing by CG ship scheduled on 25 Nov 22 from 0330 to 1130 UTC in danger area bounded by 12-55N 080-20E, 12-55N 080-46E, 13-25N 080-50E, 13-25N 080-25E Wide berth from area advised. 2. Cancel this MSG 251230 UTC Nov 22.
<b>914. India East Coast - off Gopalpur.</b> Charts IN 31 353 INT 7413 Army air defence firing scheduled from 25 to 30 Nov 22 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 301530 UTC Nov 22
<b>915. India West Coast - off Kollam.</b> Charts IN 22 260 7706 INT 7362 Firing scheduled 24, 25 Nov 22 from 0430 to 1130 UTC in danger area bounded within 08-50N TO 09-00N AND 075-05E TO 075-15E Wide berth from area advised. 2. Cancel this MSG 251230 UTC Nov 22.
<b>916. India West Coast - off Bhatkal.</b> Charts IN 22 216 257 294 2356 INT 7023 Firing scheduled 25 to 27 Nov 22 from 0230 to 1130 UTC in danger area bounded by 14-01.05N 074-27.57E, 13-51.05N 074-27.57E, 13-51.05N 074-07.57E, 14-11.05N 074-07.57E, 14-09.05N 074-22.57E Wide berth from area advised. 2. Cancel this MSG 271230 UTC Nov 22.
<b>917. India East Coast - Bay of Bengal and Indian Ocean.</b> Charts IN 32 7071 7707 7073 INT 73 Rocket launch scheduled on 26 Nov 22 from 0600 to 1000 UTC. 2. Danger zone as follows <b>Zone-1:</b> circle of 10nm around 13-43.9N 080-14.2E. <b>Zone-2:</b> 13-05N 080-30E, 13-20N 080-45E, 12-40N 081-20E, 12-25N 081-05E. <b>Zone-3:</b> 11-30N 081-35E, 11-55N 082-05E, 09-50N 083-35E, 09-25N 083-05E. <b>Zone-4:</b> 08-55N 083-15E, 08-55N 083-50E, 07-30N 083-50E, 07-30N 083-15E. <b>Zone-5:</b> 05-30S 081-10E, 05-50S 082-30E, 09-35S 081-40E, 09-15S 080-20E.

<p><b>917. Continued.</b>  <b>Zone-6:</b> 39-00S 072-45E, 40-00S 075-10E, 47-00S 072-50E, 46-00S 070-25E.  3. Wide berth from area advised Cancel this MSG 261100 UTC Nov 22.</p>
<p><b>918. Lakshadweep Sea - off Kavaratti I.</b> Charts IN 22 268 273 2023 INT 7353 Firing scheduled on 25 Nov 22 from 0230 to 0830 UTC in danger area bounded by 10-33.32N 072-38.05E, 10-32.54N 072-38.72E, 10-31.92N 072-37.90E, 10-32.60N 072-37.25E Wide berth from area advised.  2. Cancel this MSG 250930 UTC Nov 22.</p>
<p><b>919. India West Coast - off Mumbai.</b> Charts IN 21 255 292 293 INT 7021 Seamac princess will carry out pipeline survey in vicinity of 19-12.75N 072-06.69E, 18-55.55N 072-02.49E, 19-20.06N 072-01.26E, 19-18.27N 071-58.58E, 18-29.37N 072-14.74E, 18-08.44N 072-22.08E, 18-34.11N 072-13.45E, 18-35.70N 072-12.80E, 18-37.19N 072-14.95E, 18-34.93N 072-14.43E, 18-33.72N 072-17.64E, 18-34.92N 072-14.45E, 18-30.08N 072-15.94E, 18-38.27N 072-14.04E, 18-41.46N 072-20.88E, 18-42.53N 072-20.46E, 18-43.44N 072-20.31E, 18-45.65N 072-19.21E, 18-42.51N 072-20.42E from 26 Nov to 10 Dec 22 Wide berth requested.  2. Cancel this MSG 101830 Dec 22.</p>
<p><b>920. Andaman Sea.</b> Charts IN 33 41 471 7706 INT 706 Eagle explorer will carry out seismic survey in vicinity of 08-06.87N 095-17.55E, 07-09.89N 095-17.55E, 06-02.30N 094-38.26E, 03-58.84N 092-49E, 03-58.84N 091-35.50E, 06-07.41N 090-13.07E, 08-06.87N 089-23.95E from 26 to 28 Nov and 02 to 26 Dec 22 Tow length 10 Km Wide berth requested.  2. Cancel this MSG 261830 UTC Dec 22.</p>
<p><b>921. Arabian Sea.</b> Charts IN 22 7703 7705 INT 703 Sw cook will carry out seismic survey in area bounded by 13-24.67N 068-22.03E, 14-05.93N 068-42.38E, 14-37.16N 069-08E, 14-53.36N 069-31.13E, 07-27.25N 072-20.5E, 07-34.68N 070-42.35E from 26 Nov to 10 Dec 22 Wide berth requested.  2. Cancel this msg 101830 UTC Dec 22.</p>
<p><b>922. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021 Sai Sowbhagya will carry out seismic survey in areas bounded by (a) 19-19.42N 071-04.56E, 19-29.10N 071-33.33E, 19-18.81N 071-37.59E, 19-09.09N 071-08.46E from 26 Nov to 15 Dec 22 (b) 19-09.09N 071-08.46E, 19-18.81N 071-37.59E, 19-10.85N 071-40.98E, 19-00.86N 071-12.11E from 15 to 31 Dec 22 Wide berth requested.  2. Cancel this MSG 311830 UTC Dec 22.</p>
<p><b>923. India West Coast - off Mumbai.</b> Charts IN 21 292 7705 INT 705 Sw Bly will carry out seismic survey in area bounded by 18-29.45N 066-56.13E, 19-49.21N 065-45.91E, 20-14.33N 066-55.08E, 20-17.20N 068-34.51E, 18-2.68N 070-7.64E, 17-21.63N 068-10.22E from 25 to 30 Nov 22 Wide berth requested.  2. Cancel this MSG 301830 UTC Nov 22.</p>
<p><b>924. India East Coast.</b> Charts IN 31 355 INT 7405 Rig move Platinum explorer (16-18.74N 082-17E) Refer to 199(T) of INTM 22/22 Wide berth requested.</p>
<p><b>925. Arabian Sea.</b> Charts IN 7071 7703 INT 703 Surface and subsurface firing scheduled from 290430 to 290930 UTC Nov 22 in danger area bounded by 10-49N 061-27E, 10-47N 065-40E, 08-03N 065-42E, 07-56N 061-30E Wide berth from area advised.  2. Cancel this MSG 291030 UTC Nov 22.</p>
<p><b>926. India West Coast - off Porbandar.</b> Charts IN 21 252 292 INT 7021 Firing by CG aircraft scheduled on 28 Nov 22 from 0330 to 0530 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 280630 UTC Nov 22.</p>
<p><b>927. India East Coast - off Visakhapatnam.</b> Charts IN 31 308 354 391 3002 3012 INT 7410 Indian naval exercise scheduled 28 Nov, 30 Nov, 02 Dec, 04 Dec 22 from 0930 to 1300 UTC in area bounded by 17-42.40N 083-32.20E, 17-47.60N 083-24.60E, 17-39.30N 083-17.40E, 17-33.90N 083-25.10E Shipping and fishing vessels to keep clear of area.  2. Cancel this MSG 041400 UTC Dec 22.</p>
<p><b>928. Andaman Sea - off Narcondam I.</b> Charts IN 7706 BA 830 INT 706 Amazon warrior will carry out seismic survey in area bounded by 13-47.42N 094-31.77E, 13-47.45N 095-01.65E, 13-20.75N 095-21.01E, 13-02.50N 095-20.97E, 13-02.44N 094-38.97E, 13-09.21N 094-31.38E from 27 Nov to 26 Dec 22 Vessel towing streamer of 10 Km Wide berth requested.  2. Cancel this MSG 261830 UTC Dec 22.</p>
<p><b>929. Andaman Sea.</b> Charts IN 41 408 472 473 7071 INT 757 Firing scheduled 29, 30 Nov 22 from 0330 to 0930 UTC in danger area bounded by 11-45N 092-07E, 11-53N 093-15E, 11-15N 094-11E, 08-00N 094-24E, 08-00N 093-07E, 10-24N 093-00E Wide berth from area advised.  2. Cancel this MSG 301030 UTC Nov 22.</p>
<p><b>930. NAVAREA VIII - Warnings in force as on 25 Nov 2022.</b>  <b>2021 series</b> - 147 286 340 387 447 463 478 479 544 629 658 690 759 761 833  <b>2022 series</b> - 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437 445 446 461 476 489 497 513 518 519 536 546 569 571 583 584 597 601 606 615 617 623</p>

<p><b>930. Continued.</b> 630 646 651 656 688 691 702 745 757 761 804 805 810 812 813 815 817 824 826 827 831 855 856 862 864 869 871 873 875 878 879 881 883 884 887 888 891 893 894 901 904 905 906 907 911 912 914 916 917 919 920 921 922 923 924 925 926 927 928 929 (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 021000 UTC Dec 22.</p>
<p><b>931. India West Coast - Jawahar Lal Nehru Port.</b> Charts IN 21 2016 2076 INT 7338 Capital dredging being progressed by water injection dredger Antareja with trailer suction Hooper dredger volvox Asia in area bounded by 18-55.74N 072-55.6E, 18-55.82N 072-55.52E, 18-56.17N 072-55.71E, 18-56.07N 072-55.9E Wide berth requested. 2. Cancel this MSG 311830 UTC Mar 23.</p>
<p><b>932. India West Coast.</b> Charts IN 21 255 292 INT 7021 Rig move Sagar Kiran (19-25.06N 071-12.76E) Refer to 197(T) of INTM 22/22 Wide berth requested.</p>
<p><b>933. Indian Ocean.</b> Charts IN 7070 7071 7073 7707 INT 707 Fad reported adrift 09-21.25S 094-56.43E at 260717 UTC Nov 22. 2. Cancel this MSG 290717 UTC Nov 22.</p>
<p><b>934. Bay of Bengal.</b> Charts IN 33 7071 7073 7706 INT 706 Firing scheduled 29, 30 Nov 22 from 0500 to 0900 UTC in danger area bounded within 08-22N to 09-30N and 084-20E to 086-10E Wide berth from area advised. 2. Cancel this MSG 301000 UTC Nov 22.</p>
<p><b>935. Andaman Sea - off Portblair.</b> Charts IN 33 404 405 4016 INT 7439 Firing scheduled from 010230 to 010630 UTC Dec 22 in danger area bounded by 11-36.83N 092-45.66E, 11-36.03N 092-46E, 11-35.33N 092-45.66E, 11-36N 092-44.98E Wide berth from area advised. 2. Cancel this MSG 010730 UTC Dec 22</p>
<p><b>936. India East Coast - off Gopalpur.</b> Charts IN 31 305 352 353 391 INT 7413 Army air defence firing scheduled from 01 to 09 Dec, 15 to 17 Dec, 21 to 24 Dec, 28 to 31 Dec 22 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 311530 UTC Dec 22.</p>
<p><b>937. Bay of Bengal.</b> Charts IN 33 7706 INT 755 Eagle explorer will carry out seismic survey in area bounded by 07-58.20N 089-33.86E, 07-58.20N 090-26.26E, 06-07.98N 090-26.26E, 07-04.77N 089-51.34 from 29 Nov to 01 Dec 22 Vessel towing streamer of 10 km Wide berth requested. 2. Cancel this msg 011830 UTC Dec 22.</p>
<p><b>938. India West Coast - off Mumbai.</b> Charts IN 21 293 INT 7022 Albatross 5 will carry out cable route survey along 18-14.16N 070-54.17E, 18-13.77N 070-54.62E, 18-10.09N 070-53.80E, 18-02.51N 070-49.18E, 17-40.05N 070-26.61E, 17-41.5N 070-24.72E, 17-46.79N 070-29.28E, 17-51.74N 070-36.69E, 18-03.04N 070-48.72E, 18-10.03N 070-52.95E, 18-13.26N 070-53.20E from 29 Nov to 04 Dec 22 Length of tow 250 meters from stern Wide berth requested. 2. Cancel this MSG 041830 UTC Dec 22.</p>
<p><b>939. India East Coast - off Chennai.</b> Charts IN 356 3001 INT 7400 Firing scheduled on 29 Nov 22 from 0830 to 0930 UTC in danger sector extending upto 11 nm between bearing 045 and 075 from 13-07.02N 080-18.01E Wide berth from area advised. 2. Cancel this msg 291030 UTC Nov 22.</p>
<p><b>940. India West Coast - off Mumbai.</b> Charts IN 21 207 252 255 292 INT 7021 Samudra Sarvekshak progressing survey in vicinity of 19-01.48N 071-22.25E, 19-01.87N 071-19.35E, 21-39.46N 068-49.27E, 18-47.74N 071-15.67E, 18-54.73N 071-56.50E, 20-56.25N 072-34.27E, 19-22.37N 071-21.70E, 19-22.33N 071-21.74E, 21-03.87N 072-21.40E, 20-54.68N 071-56.74E from 28 Nov to 28 Dec 22 Wide berth requested. 2. Cancel this msg 281830 UTC Dec 22.</p>
<p><b>941. Arabian Sea.</b> Charts IN 7704 7705 (INT 705) Surface and subsurface firing scheduled from 020330 to 021130 UTC Dec 22 in danger area bounded by 15-38N 064-47E, 15-40N 068-59E, 11-45N 069-08E, 11-55N 063-55E Wide berth from area advised. 2. Cancel this MSG 021230 UTC Dec 22.</p>
<p><b>942. India West Coast – Kochi.</b> Charts IN 22 220 259 2004 2029 INT 7356 Firing scheduled on (a) 02, 09, 16, 23, 30 Dec 22 from 0900 to 1200 UTC and 1230 to 1430 UTC (b) 05, 12, 19, 26 Dec 22 from 0900 to 1200 UTC in danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E Wide berth from area advised. 2. Cancel this msg 301530 UTC Dec 22.</p>
<p><b>943. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021 Umm al anber progressing cable route survey in areas bounded by 18-41.10N 070-12.83E, 18-37.75N 070-14.20E, 18-47.42N 070-41.30E, 18-49.71N 070-39.74E Wide berth requested.</p>

<b>943. Continued.</b>
2. Cancel this MSG 131830 UTC Dec 22.
<b>944. India West Coast - off Manglore.</b> Charts IN 22 217 2359 INT 7350 Abandoned fishing boat reported adrift 12-47.42N 074-36.64E at 281305 UTC Nov 22.
2. Cancel This MSG 011305 UTC Dec 22
<b>945. India West Coast - off Porbandar.</b> Charts IN 21 252 INT 7325 Matsya wave glider will be deployed in area bounded within 21-11.51N TO 21-15.83N and 068-48.3E to 068-52.93E from 30 Nov to 01 Dec 22 Wide berth requested.
2. Cancel this MSG 011830 UTC Dec 22.
<b>946. India West Coast - off Mumbai.</b> Charts IN 21 255 292 INT 7021 Sudarshan progressing structural work of ONGC platforms in area bounded by 19-41.97N 071-07.08E, 19-41.62N 071-34.48E, 19-26.2N 071-34.24E, 19-26.55N 071-06.89E Wide berth requested.
2. Cancel this MSG 261830 UTC Dec 22.
<b>947. Andaman Sea.</b> Charts IN 41 408 472 473 7071 INT 757 Firing scheduled on 01 Dec 22 from 0330 to 0930 UTC in danger area bounded by 11-45N 092-07E, 11-53N 093-15E, 11-15N 094-11E, 08-00N 094-24E, 08-00N 093-07E, 10-24N 093-00E Wide berth from area advised.
2. Cancel this MSG 011030 UTC Dec 22.

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

NIL







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

**INP 31(1), 2019**

(Last correction: Edition No. 06 dated 16 Oct 2022)



**Page 10, INDIA (Andaman and Nicobar Region)**

**HUTBAY MRSC**, Delete entry and replace by:-

<b>HUTBAY MRSC</b>		<b>10°34'N 92°33'E</b>	
MMSI 004194409			Diagram page 13
 +91 3192 211480 MSAR CALL : 1554 (Toll free)		 +91 3192 284194	
Inmarsat Fleet: 773237872 (Voice) 783246664 (Fax)		e-mail: <a href="mailto:mrsc-hutbay@indiancoastguard.nic.in">mrsc-hutbay@indiancoastguard.nic.in</a> <a href="mailto:cgs-htb@indiancoastguard.nic.in">cgs-htb@indiancoastguard.nic.in</a>	
		Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 09, INDIA (Eastern Region)**

**FRAZERGANJ MRSC**, Delete entry and replace by:-

<b>FRAZERGANJ MRSC</b>		<b>21°33'N 88°15'E</b>	
MMSI 004194404			Diagram Page 13
 +91 83 73099183 MSAR CALL :1554 (Toll free)		 +91 44 23460405	
Inmarsat Fleet: 773256470 (Voice) 783238690 (Fax)		e-mail: <a href="mailto:mrsc-frazerganj@indiancoastguard.nic.in">mrsc-frazerganj@indiancoastguard.nic.in</a> <a href="mailto:cgs-fzr@indiancoastguard.nic.in">cgs-fzr@indiancoastguard.nic.in</a>	
		Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 10 INDIA (Eastern Region)**

**KAKINADA MRSC**, Delete entry and replace by:-

<b>KAKINADA MRSC</b>		<b>16°57'N 82°16'E</b>	
MMSI 004194402			Diagram Page 13
 +91 884 2342175 MSAR CALL: 1554 (Toll free)		 +91 884 2342171	
Inmarsat C: 441913210 Inmarsat Fleet: 773933153 (Voice) 783247357 (Fax)		e-mail: <a href="mailto:mrsc-kakinada@indiancoastguard.nic.in">mrsc-kakinada@indiancoastguard.nic.in</a> <a href="mailto:cgs-knd@indiancoastguard.nic.in">cgs-knd@indiancoastguard.nic.in</a>	
		Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 10 INDIA (Eastern Region)**

**KRISHNAPATNAM MRSC**, Delete entry and replace by:-

<b>KRISHNAPATNAM MRSC</b>		<b>14°15'N 80°07'E</b>	
MMSI 004194402			Diagram Page 13
 +91 861 2377730 MSAR CALL: 1554 (Toll free)		 +91 861 2377740	
Inmarsat C: 441925069 Inmarsat Fleet: 773256779 (Voice) 783236677 (Fax)		e-mail: <a href="mailto:mrsc-kpatnam@indiancoastguard.nic.in">mrsc-kpatnam@indiancoastguard.nic.in</a> <a href="mailto:cgs-kpm@indiancoastguard.nic.in">cgs-kpm@indiancoastguard.nic.in</a>	
		Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 09, INDIA (Western Region)**

**VERAVAL MRSC**, Delete entry and replace by:-

<b>VERAVAL MRSC</b>		<b>20°54'N 70°22'E</b>	
MMSI 004192207			Diagram page 12
 +91 2876 241352 MSAR CALL: 1554 (Toll free)		 +91 2876 241353	
Inmarsat C: 441912210 Inmarsat Fleet: 773234250 (Voice) 783260081 (Fax)		e-mail: <a href="mailto:mrsc-veraval@indiancoastguard.nic.in">mrsc-veraval@indiancoastguard.nic.in</a> <a href="mailto:cgs-vrl@indiancoastguard.nic.in">cgs-vrl@indiancoastguard.nic.in</a>	
		Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 08, INDIA (Western Region)**

DAHANU MRSC, Delete entry and replace by:-

<b>DAHANU MRSC</b>		<b>19°58'N 72°43'E</b>	
MMSI 004192203			Diagram page 12
 +91 2528 250004 MSAR CALL: 1554 (Toll free)		 +91 2528 250003	
Inmarsat C: 441901019 Inmarsat Fleet: 773150134 (Voice) 783247354 (Fax)		e-mail: <a href="mailto:mrsc-dahanu@indiancoastguard.nic.in">mrsc-dahanu@indiancoastguard.nic.in</a> <a href="mailto:cgs-dah@indiancoastguard.nic.in">cgs-dah@indiancoastguard.nic.in</a> Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			



**Page 08, INDIA (Western Region)**

KARWAR MRSC, Delete entry and replace by:-

<b>KARWAR MRSC</b>		<b>14°46'N 74°09'E</b>	
MMSI 004192204			Diagram page 12
 +91 8382 263100 MSAR CALL :1554 (Toll free)		 +91 8382 263100	
Inmarsat C: 441925162		e-mail: <a href="mailto:mrsc-karwar@indiancoastguard.nic.in">mrsc-karwar@indiancoastguard.nic.in</a> <a href="mailto:cgs-kwr@indiancoastguard.nic.in">cgs-kwr@indiancoastguard.nic.in</a> Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			

**Page 09 INDIA (Western Region)**

RATNAGIRI MRSC, Delete entry and replace by:-

<b>RATNAGIRI MRSC</b>		<b>16°53'N 73°16'E</b>	
MMSI 004192203			Diagram page 12
 +91 2352 299230 MSAR Call :1554 (Toll free)		 +91 2352 299231	
Inmarsat Fleet: 773154330 (Voice) 783247386 (Fax)		e-mail: <a href="mailto:mrsc-ratnagiri@indiancoastguard.nic.in">mrsc-ratnagiri@indiancoastguard.nic.in</a> <a href="mailto:cgs-rtn@indiancoastguard.nic.in">cgs-rtn@indiancoastguard.nic.in</a> Website: <a href="https://indiancoastguard.gov.in/">https://indiancoastguard.gov.in/</a>	
NOTE: This station is 'planned' and may not be fully operational.			

**INP 31(2), 2019***(Last correction: Edition No. 01 dated 01 Jan 2022)*

NIL

**INP 31(5), 2017***(Last correction: Edition No. 24 dated 16 Dec 2021)*

NIL

**INP 31(6), 2018***(Last correction: Edition No. 08 dated 16 Sep 2022)*

NIL

## SECTION – IX

### REPORTING OF NAVIGATIONAL DANGERS

#### Appeal to all Mariners

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

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

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

#### Instructions for filling up IH 102

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

#### Position Reporting

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

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

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

#### Depth Reporting

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

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

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

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

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

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

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

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

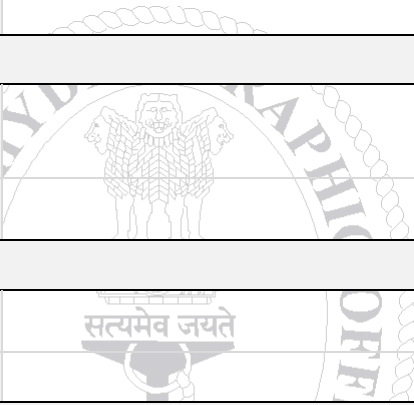



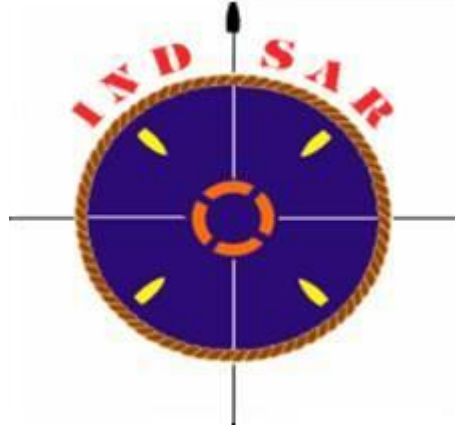
<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object 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					

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

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



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



**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)**

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