



# INDIAN NOTICES TO MARINERS



EDITION NO. 07 DATED 01 APR 2021

(CONTAINS NOTICES 092 TO 097)

**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  
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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 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>
-NIL -					

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>
-NIL -					

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>
-NIL -				

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>
-NIL -			

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>
-NIL -			

6. The Indian Electronic Navigational Chart that is permanently withdrawn is as follows:-

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

## VI

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
<b>259</b>	<b>BADAGARA TO KOCHI</b>	<b>3,00,000</b>	<b>NEW CHART</b>
<b>2126</b>	<b>BITRA ISLAND</b>	<b>25,000</b>	<b>NEW CHART</b>
<b>4182</b>	<b>CAMPBELL BAY AND ANDERSON BAY</b>	<b>25,000</b>	<b>NEW EDITION</b>
<b>4184</b>	<b>TRINKAT CHAMPLONG BAY</b>	<b>25,000</b>	<b>NEW EDITION</b>
<b>4185</b>	<b>PIGEON ISLAND</b>	<b>25,000</b>	<b>NEW CHART</b>
<b>4253</b>	<b>DILIGENT STRAIT TO KOTRARA ANCHORAGE</b>	<b>60,000</b>	<b>NEW CHART</b>
<b>4254</b>	<b>RUTLAND ISLAND TO LITTLE ANDAMAN ISLAND</b>	<b>60,000</b>	<b>NEW CHART</b>

### 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 World wide 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><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></p>	<p><b>Navico Norway AS</b> Elganeveien 1, 4370 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: <a href="mailto:enc@c-map.com">enc@c-map.com</a>, <a href="mailto:info@c-map.co.no">info@c-map.co.no</a> Website: <a href="http://www.c-map.com">www.c-map.com</a></p>
<p><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></p>	<p><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></p>

## VII

### TEMPORARY AND PRELIMINARY NOTICES

*In Force as on 01 Apr 2021*

*(Former List dated 01 Jan 2021 is cancelled)*

<b>Cancelled Notices</b>	
<b>Area</b>	<b>Notice No.</b>
1	086/21
2	197/20, 233/20, 035/21, 049/21, 055/21, 067/21, 080/21, 091/21
3	131/20, 214/20, 215/20, 243/20, 036/21, 039/21, 050/21, 056/21, 059/21, 068/21, 069/21, 082/21, 083/21, 084/21, 088/21
4	Nil

#### 1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
091/19	227 – 2061 – 2099.	INDIAN OCEAN – MALDIVES – Male Atoll – Construction Work.
097/21	21 – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 291 – 315 – 316 – 358 (INT 7394) – 7071 (INT 71) – 7073 (INT 73) – 7702 (INT 702) – 7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).	INDIAN OCEAN – NORTHERN PART – RAMA Buoys.

#### 2. INDIA WEST COAST, LAKSHADWEEP, INDIAN OCEAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
127/15	2040.	INDIA – WEST COAST – Porbandar Port – Jetty.
153/16	2061 – 2099.	INDIAN OCEAN – MALDIVES – Male Atoll – Sea Bridge.
045/17	2036 – 2103.	INDIA – WEST COAST – Dighi Port – Buoys.
064/17	253 (INT 7328) – 254 (INT 7331) – 207 – 2081 – 2100 (INT 7344).	INDIA – WEST COAST – Approaches to Port Pipavav – Dredging Operation.
085/18	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2076 (INT 7338) – 2016 (INT 7336) – 2015 (INT 7337) – 2001.	INDIA – WEST COAST – Mumbai Docks – Construction Work.
134/18	292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.
164/18	21 – 292(INT 7021) – 253(INT 7328) – 206.	INDIA –WEST COAST – Veraval to Diu Head– Construction work.
068/19	2028.	INDIA – WEST COAST – Approaches to Ratnagiri – Buoys.
076/19	292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338) – 2123.	INDIA – WEST COAST – Ulwa Channel – Construction Work.
077/19	214 – 215 – 2022 (INT 7345).	INDIA– WEST COAST – Approaches to Murmugao – Buoys.
120/19	21 – 251 (INT 7318) – 252 (INT 7325) – 203 (INT 7319) – 2068 – 2031 (INT 7326) – 2013 (INT 7324).	INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Construction Work.
121/19	260 (INT 7362) – 259 (INT 7356) – 220 – 2029 (INT 7358) – 2004 (INT 7359) – 2045 (INT 7360).	INDIA – WEST COAST – Port of Kochi – Construction Work.

## VIII

### 2. INDIA WEST COAST, LAKSHADWEEP, INDIAN OCEAN. (Continued).

133/19	21 – 203 (INT 7319) – 252 (INT 7325) – 2033 (INT 7341) – 2083 (INT 7339).	INDIA – WEST COAST – Gulf of Kachchh – Sikka Creek – Construction Work.
166/19	2359 (INT 7350) – 2002 (INT 7351).	INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Buoy.
180/19	292 (INT 7021) – 253 (INT 7328) – 254 (INT 7331) – 207 – 2081 (INT 7342) – 2100.	INDIA – WEST COAST – Gulf of Khambhat – Approaches to Port Pipavav – Construction Work.
037/20	260 (INT 7362) – 261 – 222 – 223 – 2012.	INDIA – WEST COAST – Vizhinjam Anchorage, Alleppey Anchorage – Buoys.
091/20	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.
094/20	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.
145/20	21 – 22 (INT 752) – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 41 (INT 757) – 205 – 206 – 211 – 212 – 213 – 215 – 216 – 219 – 221 – 222 – 223 – 224 – 252 (INT 7325) – 253 (INT 7328) – 255 (INT 7334) – 256 (INT 7340) – 257 (INT 7343) – 258 (INT 7348) – 259 (INT 7356) – 260 (INT 7362) – 261 – 262 (INT 7365) – 263 (INT 7383) – 268 (INT 7353) – 272 – 273 – 292 (INT 7021) – 293 (INT 7022) – 305 – 308 (INT 7409) – 351 (INT 7419) – 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 356 (INT 7400) – 357 (INT 7397) – 391 – 404 (INT 7439) – 405 (INT 7440) – 473 (INT 7031) – 2008 – 2023 – 2028 – 2032 – 2037 – 2048 – 2053 – 2121 – 2353 – 3002 (INT 7410) – 3034 – 3035 – 3043 – 3044 – 4006 (INT 7449) – 4016 – 7702 (INT 702) – 7703 (INT 703).	INDIAN OCEAN – Northern Part – Wave Rider Buoys.
194/20	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Inner Approaches to Mumbai – Dredging.
232/20	32 (INT 754) – 22 (INT 752) – 259 (INT 7356) – 220 .	INDIA – WEST COAST – Tanur Nagaram to Manakkodam – Offshore instrument.
241/20	32 (INT 754) – 357 (INT 7397).	INDIA – WEST COAST – Tanur Nagaram to Manakkodam – Offshore instrument.
038/21	21 – 22 (INT 752) – 32 (INT 754) – 291 – 292 (INT 7021) – 293 (INT 7022) – 251 (INT 7318) – 258 (INT 7348) – 259 (INT 7356) – 253 (INT 7328) – 221 – 214 – 261 – 263 (INT 7383) – 271 – 272.	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
058/21	21 – 22 (INT 752) – 268 (INT 7353) – 273 – 292 (INT 7021) – 2047 – 7703 (INT 703) – 7705 (INT 705).	INDIA – WEST COAST – Arabian Sea – Data Buoys and Tsunami Buoys.
095/21	2106 – 2079 (INT 7329) – 2068 – 203 (INT 7319) – 21.	INDIA – WEST COAST – Gulf of Kachchh – Mundra Port – Construction work.
096/21	292 (INT 7021) – 293 (INT 7022) – 271 – 251 (INT 7318) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 210 – 211 – 202.	INDIA – WEST COAST – Arabian Sea – Oil Rigs.



## IX

### 3. INDIA EAST COAST, ANDAMAN NICOBAR, SRI LANKA, BANGLADESH, MYANMAR.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
212/12	3034.	INDIA – EAST COAST – Krishnapatnam Port – Port Development. Dredging.
090/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Vishakhapatnam Harbour – Construction Work.
185/18	32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 313 – 3001 (INT 7402) – 3039.	INDIA – EAST COAST – Kattupalli Port – Construction Work.
106/19	31 (INT 756).	BAY OF BENGAL – Northern Portion (Krishnapatnam to Bassein River) – Buoys.
188/19	4013.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Shaheed Dweep Pier (Neill Island Pier) – Construction Work.
189/19	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Survey.
211/19	4043.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Ariel Bay – Construction Work.
237/19	41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Dredging.
244/19	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
061/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Submarine Pipeline.
105/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Construction.
113/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
136/20	31 (INT 756) – 351 (INT 7419) – 3017 – 3038.	INDIA – EAST COAST – Approaches to Dhamra Port – Dredging.
163/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
190/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Survey.
204/20	3003 – 32 (INT 754).	INDIA – EAST COAST – Cuddalore Anchorage – Dredging.
205/20	3003 – 32 (INT 754).	INDIA – EAST COAST – Cuddalore Anchorage – Dredging.
037/21	31 (INT 756) – 351 (INT 7419) – 352 (INT 7416) – 3041 – 3010 (INT 7418).	INDIA – EAST COAST – Paradip port – Buoy.
051/21	41 (INT 757).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
057/21	41 (INT 757), 31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
081/21	391 – 354 (INT 7408) – 355 (INT 7405).	INDIA – EAST COAST – Bay of Bengal – Oil Rigs.
085/21	31 (INT 756) – 32 (INT 754) – 355 (INT 7405) – 391.	INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – STP Buoy.
089/21	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 308 – 352 – 354 (INT 7408) – 355 (INT 7405) – 356 (INT 7400) – 357 (INT 7397) – 391.	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.
090/21	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck.
094/21	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 41 (INT 757) – 313 – 356 (INT 7400) – 357 (INT 7397) – 391 – 404 (INT 7439) – 405 (INT 7440) – 472 (INT 7032) – 473 (INT 7031) – 4115 – 3001 (INT 7402) – 3004 (INT 7403).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys and Tsunami Buoys.

**X**

**4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA.**

<b><u>Notice</u></b>	<b><u>Charts Affected</u></b>	<b><u>Description</u></b>
146/20	7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).	INDIAN OCEAN – Maldives to Sumatera – ADCP Buoys.

**SECTION – I**

The list of charts affected by the Notices 092 to 097 contained in this edition is as follows:-

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
21	2	093, 095(P), 097(T)
31 (INT 756)	5	092, 094(T), 097(T)
32 (INT 754)	5	092, 094(T), 097(T)
33 (INT 755)	5	094(T), 097(T)
41 (INT 757)	6	094(T)
202	2	096(T)
203 (INT 7319)	2	095(P)
210	3	096(T)
211	3	096(T)
251 (INT 7318)	2	096(T)
253 (INT 7328)	2	096(T)
254 (INT 7331)	3	096(T)
255 (INT 7334)	3	096(T)
256 (INT 7340)	3	096(T)
271	2	096(T)
291	2	097(T)
292 (INT 7021)	2	096(T)
293 (INT 7022)	3	096(T)
313	5	094(T)
315	5	097(T)
316	5 सत्यमेव जयते	097(T)
354 (INT 7408)	5	092
355 (INT 7405)	5	092
356 (INT 7400)	5	094(T)
357 (INT 7397)	5	094(T)
358 (INT 7394)	5	097(T)
391	5	092, 094(T)
404 (INT 7439)	6	094(T)
405 (INT 7440)	6	094(T)
472 (INT 7031)	6	094(T)
473 (INT 7031)	6	094(T)
2068	2	095(P)
2079 (INT 7329)	2	095(P)
2106	2	095(P)
3001 (INT 7402)	5	094(T)
3004 (INT 7403)	5	094(T)
4115	6	094(T)
7071 (INT 71)	1	097(T)
7073 (INT 73)	1	097(T)
7702 (INT 702)	1	097(T)
7703 (INT 703)	1	097(T)
7706 (INT 706)	1	097(T)
7707 (INT 707)	1	097(T)

**SECTION – II****PERMANENT NOTICES****\*092 (07/21) INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – Platforms.**

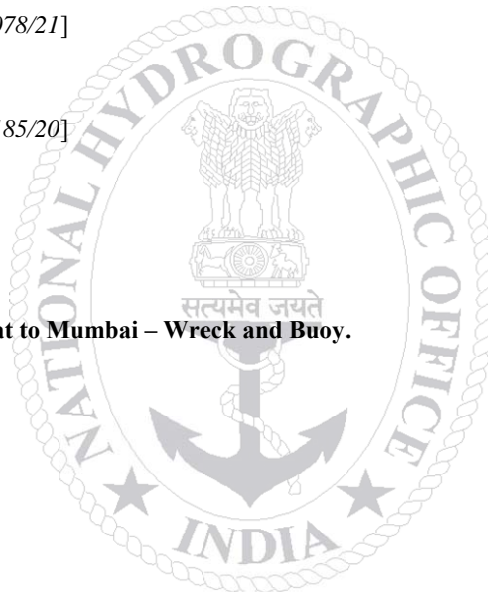
Source: ONGC, Kakinada.

**Chart 31 (INT 756)** [previous update 087/21]Insert  Platforms 16° 40'·17N., 082° 25'·65E.**Chart 32 (INT 754)** [previous update 033/21]Insert  Platforms 16° 40'·17N., 082° 25'·65E.**Chart 391** [previous update 078/21]Insert  Platforms 16° 40'·17N., 082° 25'·65E.**Chart 354 (INT 7408)** [previous update 078/21]Insert  Platforms 16° 40'·17N., 082° 25'·65E.**Chart 355 (INT 7405)** [previous update 185/20]Insert  Platforms 16° 40'·17N., 082° 25'·65E.**\*093 (07/21) ARABIAN SEA – Muscat to Mumbai – Wreck and Buoy.**

Source: BA Notice 1049/21.

**Chart 21** [previous update 042/21]Insert  23° 36'·81N., 58° 20'·10E.

23° 36'·81N., 58° 20'·10E



**Section – III****TEMPORARY AND PRELIMINARY NOTICES****\*094(T) (07/21) INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys and Tsunami Buoys.**

Source: NIOT, Chennai.

1. Following yellow colour data buoys characteristics FL(4)15s4M, 3m diameter and 3.5m height mast with radar reflector & mast carrying sensor laid in following positions:-

<b>Buoy No./Name</b>	<b>Position</b>	<b>Chart Affected</b>
BD08/OB	17° 49'·25N., 89° 12'·50E	31(INT 756)
BD09/OB	17° 30'·13N., 89° 08'·28E	31(INT 756)
BD10/OB	16° 18'·32N., 87° 59'·20E	31(INT 756)
BD11/OB	13° 28'·03N., 84° 07'·12E	32 (INT 754), 33 (INT 755), 391
BD12/OB	10° 31'·25N., 94° 05'·15E	41 (INT 757), 472 (INT 7032)
BD13/OB	13° 56'·28N., 86° 59'·82E	33 (INT 755)
BD14/OB	06° 33'·93N., 88° 21'·30E	33 (INT 755)
CB01/CB	11° 35'·33N., 92° 35'·77E	33 (INT 755), 41 (INT 757), 473 (INT 7031), 404 (INT 7439), 405 (INT 7440), 4115
CB06/CB	13° 06'·08N., 80° 18'·93E	32 (INT 754), 33 (INT 755), 356 (INT 7400), 357 (INT 7397), 391, 313, 3001 (INT 7402), 3004 (INT 7403)
TB09/TB	17° 07'·25N., 90° 00'·00E	31(INT 756)
STB05/TB	13° 28'·20N., 88° 59'·40E	33 (INT 755)

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

3. All positions are in WGS 84 datum.

**Former INTM 088(T)/21 is cancelled.**

**\*095(P) (07/21) INDIA – WEST COAST – GULF OF KACHCHH – Mundra Port– Construction Work.**

Source: Adani Ports and SEZ Ltd.

1. A new berth for handling Crude Oil Tankers at Mundra Port is being constructed at below mentioned coordinates:-

<b>Sl. No.</b>	<b>Position</b>
(a)	22° 43'·80N., 69° 40'·80E.
(b)	22° 43'·61N., 69° 40'·80E.
(c)	22° 43'·80N., 69° 40'·80E.
(d)	22° 43'·62N., 69° 40'·76E.
(e)	22° 43'·62N., 69° 40'·84E.
(f)	22° 43'·59N., 69° 40'·84E.
(g)	22° 43'·59N., 69° 40'·79E.
(h)	22° 43'·62N., 69° 40'·92E.
(i)	22° 43'·62N., 69° 40'·88E.
(j)	22° 43'·62N., 69° 40'·85E.
(k)	22° 43'·62N., 69° 40'·74E.
(l)	22° 43'·62N., 69° 40'·71E.
(m)	22° 43'·62N., 69° 40'·68E.

3. Mariners are advised to navigate with caution and contact local port authority for more information.

**Charts affected – 2106 – 2079 (INT 7329) – 2068 – 203 (INT 7319) – 21.**

**\*096 (T) (07/21) INDIA – WEST COAST – Arabian Sea – Oil Rigs.**

Source: NCD, Mumbai.

1. List of Oil Rigs is as follows:-

<b>Rig Name</b>	<b>Position</b>
Aban III	18° 54'.75N., 71° 49'.57E.
Aban IV	19° 27'.80N., 71° 16'.83E.
CE Thornton	19° 34'.17N., 71° 25'.12E.
Discovery 1	19° 10'.06N., 71° 46'.56E.
DS Fortune	19° 12'.87N., 72° 06'.78E.
DS Fossil	20° 11'.52N., 71° 52'.25E.
FG McIntok	19° 24'.05N., 71° 18'.90E.
Foresight Driller IX	18° 55'.88N., 72° 18'.31E.
Great Drill Chaaya	18° 32'.95N., 72° 15'.97E.
Great Drill Chauru	19° 36'.38N., 71° 47'.81E.
Great Drill Chetna	22° 33'.31N., 68° 26'.35E.
Harvey H Ward	18° 55'.81N., 72° 00'.92E.
Jindal Explorer	18° 39'.22N., 70° 58'.86E.
Jindal Star	18° 38'.79N., 72° 14'.94E.
Jindal Supreme	19° 16'.50N., 71° 28'.45E.
JT Angel	19° 33'.52N., 71° 24'.80E.
Parameswara	20° 06'.74N., 71° 42'.27E.
Ron Tappmeyer	18° 08'.15N., 72° 25'.28E.
Sagar Bhushan	19° 13'.40N., 71° 13'.75E.
Sagar Jyoti	19° 01'.68N., 72° 21'.87E.
Sagar Kiran	19° 17'.46N., 71° 13'.47E.
Sagar Ratna	19° 23'.54N., 71° 48'.27E.
Sagar Shakti	19° 25'.22N., 71° 24'.97E.
Sagar Udhay	19° 17'.71N., 71° 02'.86E.
Trident 2	19° 16'.19N., 71° 23'.30E.
Valiant Driller	19° 16'.73N., 71° 25'.53E.
Victory Driller	19° 16'.46N., 71° 26'.77E.
Vivekananda 1	18° 55'.59N., 72° 02'.48E.
Vivekananda 2	20° 13'.31N., 71° 54'.79E.
Virtue 1	19° 25'.86N., 71° 12'.20E.

2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.

3. All positions referred to WGS 84 datum.

**Charts Affected – 292 (INT 7021) – 293 (INT 7022) – 271 – 251 (INT 7318) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 210 – 211 – 202.*****Former INTM 091 (T)/21 is cancelled.***

**\*097(T) (07/21) INDIAN OCEAN – NORTHERN PART – RAMA Buoys.**

Source: NOAA.

1. Following Research Moored Array for African-Asian-Australian Monsoon Analysis and Prediction (RAMA) buoys laid in following positions:-

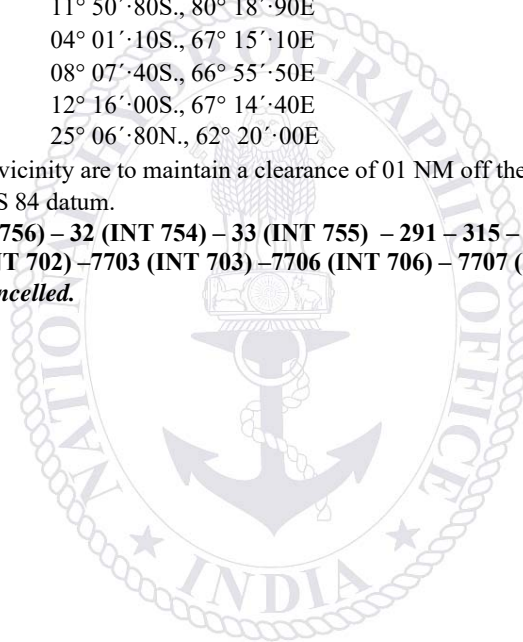
<b>Buoy No./Name</b>	<b>Position</b>
RA185A	15° 02'·50N., 89° 03'·10E
RA184A	00° 00'·20N., 89° 57'·00E
RA176A	00° 33'·10N., 95° 56'·50E
RA175A	01° 32'·90S., 80° 34'·00E
RA183A	07° 57'·10N., 67° 06'·70E
RA182A	04° 13'·30N., 66° 42'·20E
RA181A	01° 40'·30N., 62° 30'·20E
RA180A	00° 25'·20N., 67° 01'·50E
RA179A	01° 35'·80S., 66° 49'·30E
RA177A	04° 07'·10S., 57° 11'·10E
RA178A	07° 56'·10S., 54° 51'·70E
RT033	09° 46'·10N., 80° 16'·90E
RT030	00° 47'·80S., 83° 06'·70E
RT029	12° 34'·90S., 68° 50'·60E
RT028	11° 50'·80S., 80° 18'·90E
RT031	04° 01'·10S., 67° 15'·10E
RT023	08° 07'·40S., 66° 55'·50E
RT017	12° 16'·00S., 67° 14'·40E
RT032	25° 06'·80N., 62° 20'·00E

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

3. All positions are in WGS 84 datum.

**Chart affected – 21 – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 291 – 315 – 316 – 358 (INT 7394) – 7071 (INT 71) – 7073 (INT 73) – 7702 (INT 702) – 7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707).**

**Former INTM 086 (T)/21 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
Bangladesh (Kuakata)	- Operational

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

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

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

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

#### 3. DISPLAY ANOMALIES IN ECDIS

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

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



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

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

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

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

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

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

#### 6. **USAGE OF THURAYA/ IRIIDIUM 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**

<p><b>OSA Books and Periodicals</b> R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: <a href="mailto:rpani246@gmail.com">rpani246@gmail.com</a></p>	<p><b>M/s VDO Marine Instruments</b> Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow &amp; Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: <a href="mailto:atmain@md4.vsnl.net.in">atmain@md4.vsnl.net.in</a></p>
<p><b>M/s Global Charts &amp; Nav. Aids Pvt. Limited</b> 1A, Goa Mansion, Ground Floor, 58, Dr. Sunderlal Bahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a></p>	<p><b>SMS Marine Private Ltd</b> 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> , <a href="mailto:raj.chakravorty@smsmap.com">raj.chakravorty@smsmap.com</a> Web: <a href="http://www.smsmaps.co.in">www.smsmaps.co.in</a></p>
<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> Siksha Sandan, 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 Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> , <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a></p>	<p><b>L. R. Marine Services</b> 301, 3rd Floor, Biry House, 265, Perin Nariman 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>
<p><b>M/s Lift o Marine</b> Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a>, <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a></p>	<p><b>IC Technologies Limited</b> 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a></p>
<p><b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani's Plam 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>	

**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 31 Mar 21:-

<b>2020 SERIES</b> - 116 329 333 384 442 444 480 515 526 593 630 664 690 691 751 753 757
<b>2021 SERIES</b> - 016 017 025 030 057 079 138 147 170 180 181 205 207 213 215 220 226 227 229
232 235 237 238 244 246 250 259 263 265 266 267 268 269

3. NAVAREA VIII Warnings issued during the period from 16 Mar to 31 Mar 21 (both dates inclusive) are as tabulated below:-

<p><b>230. India East Coast – off Balasore.</b> Charts IN 31 351 352 3017 3037 INT 756. Firing by IAF scheduled on 19, 20, 21, 22 Mar 21 from 0430 to 0630 UTC and 0900 to 1100 UTC in danger area bounded by (A) 21-41N 087-44E (B) 20-57N 086-53E (C) 20-56N 086-55E (D) 21-02N 087-13E (E) 20-56N 087-16E (F) 20-47N 087-02E (G) 20-48N 086-56E (H) 20-12N 087-19E (J) 20-00N 087-59E (K) 20-35N 087-40E (L) 21-24N 087-38E. Danger area extending upto coastline joining point A and B. Wide berth from area advised.</p> <p>2. Cancel this MSG 221200 UTC Mar 21.</p>
<p><b>231. Cancel NAVAREA VIII MSG 191/21, 194/21, 202/21, 209/21, 211/21 and this MSG. INTM 088(T)/21, 091(T)/21 of 06/21 refers.</b></p>
<p><b>232. Lakshadweep Sea – Kavaratti I.</b> Charts IN 22 268 2023 INT 7353. Kavaratti racon (10-33.68N 072-38.77E) transmission switched off from 16 Mar 21.</p>
<p><b>233. India West Coast – off Porbandar.</b> Charts IN 202 204 205 252 271 291 292 INT 7325. IAF firing from Kathiawar range scheduled on 20, 21 Mar 21 from 0330 to 1100 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E. Wide berth from area advised.</p> <p>2. Cancel this MSG 211200 UTC Mar 21.</p>
<p><b>234. India West Coast – off Porbandar.</b> Charts IN 202 204 205 252 271 291 292 INT 7325. Firing by CG aircraft scheduled on 19, 25 Mar 21 from 0300 to 1000 UTC in danger area bounded by 21-32N 069-24E, 21-12N 069-24E, 21-14N 069-05E, 21-32N 068-56E. Wide berth from area advised.</p> <p>2. Cancel this MSG 251100 UTC Mar 21.</p>
<p><b>235. India West Coast – off Mumbai.</b> Charts IN 21 255 292 293 INT 7021. Greatship Rashi progressing survey in area bounded by 18-57.05N 072-29.76E, 19-16.71N 071-58.2E, 19-10.76N 071-22.91E, 19-28.09N 071-06.75E, 19-40.85N 071-19.45E, 19-27.95N 071-34.26E, 19-22.88N 071-59.59E, 19-29.12N 072-14.17E, 19-25.01N 072-16.49E, 19-18.45N 072-01.78E, 19-01.68N 072-28.22E. Wide berth requested.</p> <p>2. Cancel this MSG 141830 UTC Apr 21.</p>
<p><b>236. India West Coast – Okha.</b> Charts IN 21 202 203 2068 INT 7319. Firing scheduled on 21 Mar 21 from 0530 to 0730 UTC in danger sector extending upto 12 NM within bearing 270 to 020 from 22-28.75N 069-04.05E. Wide berth from area advised.</p> <p>2. Cancel this MSG 210830 UTC Mar 21.</p>
<p><b>237. India West Coast – off Mumbai.</b> Charts IN 21 22 255 292 293 INT 7022. RV SW Duchess progressing survey in area bounded by 18-30N 070-25E, 18-30N 070-50E, 18-12N 070-50E, 18-12N 071-10E, 18-00N 071-10E, 18-00N 070-47E, 18-18N 070-36E, 18-18N 070-25E. Vessel towing 10 streamers of 4.5 NM. Wide berth of OVER 5.5 NM requested.</p> <p>2. Cancel this MSG 181830 UTC Apr 21.</p>
<p><b>238. India West Coast – off Mumbai.</b> Charts IN 255 292 INT 7334. Barge Astro 401 progressing hook up activities in area bounded by 19-27.98N 071-15.75E, 19-27.83N 071-27.17E, 19-17N 071-27E, 19-17.15N 071-15.6E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC May 21.</p>
<p><b>239. Cancel NAVAREA VIII MSG 212/21 and this MSG.</b></p>
<p><b>240. India West Coast – off Alappuzha.</b> Charts IN 22 221 259 INT 7356. IFB Achu reported sunk in approximate position 09-14.73N 075-41.11E. Search and rescue effort for 03 fishermen in progress.</p> <p>2. Mariners in vicinity to exercise caution and maintain look out.</p>
<p><b>241. India West Coast – off Mormugao.</b> Charts IN 22 214 215 256 257 293 INT 7022. Firing scheduled from 240230 to 261130 UTC and 270230 to 271430 UTC Mar 21 in danger area bounded by 14-15N 072-52E, 14-20N 071-52E, 15-30N 071-48E, 16-09N 072-44.5E, 15-17N 073-21E. Wide berth from area advised.</p> <p>2. Cancel this MSG 271530UTC Mar 21.</p>

<p><b>242. Andaman Sea – off Port Blair.</b> Charts IN 405 473 4030 INT 7440. Firing scheduled from 220030 to 221030 UTC Mar 21 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.</p> <p>2. Cancel this MSG 221130 UTC Mar 21.</p>
<p><b>243. India East Coast – off Balasore.</b> Charts IN 31 351 352 3017 3037 INT 756. Firing by IAF scheduled from 23 to 31 Mar 21 from 0430 to 0630 UTC and 0900 to 1100 UTC in danger area bounded by (A) 21-41N 087-44E (B) 20-57N 086-53E (C) 20-56N 086-55E (D) 21-02N 087-13E (E) 20-56N 087-16E (F) 20-47N 087-02E (G) 20-48N 086-56E (H) 20-12N 087-19E (J) 20-00N 087-59E (K) 20-35N 087-40E (L) 21-24N 087-38E. Danger area extending upto coastline joining point A and B. Wide berth from area advised.</p> <p>2. Cancel this MSG 311200 UTC Mar 21.</p>
<p><b>244. India West Coast – off Mumbai.</b> Charts IN 21 211 255 292 INT 7021. SV Fugro Mapper progressing survey in vicinity of 18-18.63N 072-21.81E, 18-24.83N 072-19.23E, 18-34.96N 072-14.44E, 18-45.65N 072-19.21E, 19-07.79N 071-59.92E, 19-22.44N 071-21.62E, 19-23.52N 071-25.18E, 19-20.06N 072-01.26E, 18-36.1N 071-01.6E. Length of tow 150 meters from stern. Wide berth requested.</p> <p>2. Cancel this MSG 201830 UTC Apr 21.</p>
<p><b>245. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 70. Space debris predicted 280 NM on either side of centreline joining 27-23S 062-21.5E, 42-51S 082-53E, 48-30S 097-41.5E, 52-33S 113-38E, 53-16S 137-58E, 50-13.5S 157-25E from 230013 to 230130 UTC and 232352 to 240119 UTC Mar 21.</p> <p>2. Cancel this MSG 240219 UTC Mar 21.</p>
<p><b>246. India West Coast – off Mumbai.</b> Charts IN 211 255 292 INT 7021. Barge falcon chief progressing hook up activities in area bounded by 18-49.2N 072-09.49E, 18-48.81N 072-28.67E, 18-11.65N 072-27.91E, 18-18.98N 072-08.8E. Wide berth requested.</p> <p>2. Cancel this MSG 151830 UTC Jun 21.</p>
<p><b>247. NAVAREA VIII warnings in force as on 19 Mar 2021:-</b>  <b>2020 Series</b> - 116 329 333 384 442 444 480 515 526 593 630 664 690 691 751 753 757 786  <b>2021 Series</b> - 016 017 025 030 057 079 138 146 147 153 159 170 176 177 178 180 181 183 193 205  207 213 215 219 220 226 227 228 229 230 232 233 234 235 236 237 238 240 241 242 243 244  245 246  (A) NAVAREA VIII warnings less than 42 days promulgated via safetynet.  (B) Text of NAVAREA VIII warning in force including those which no longer broadcast available in www.hydrobharat.gov.in.</p> <p>2. Cancel this MSG 261000 UTC Mar 21.</p>
<p><b>248. Cancel NAVAREA VIII MSG 240/21 and this MSG.</b></p>
<p><b>249. Andaman Sea – off Nicobar Islands.</b> Charts IN 33 7706 7707 INT 706. Firing scheduled from 24 to 28 Mar 21 from 0130 to 0730 UTC in danger area bounded by 10-20N 091-30E, 10-20N 095-08E, 08-00N 095-35E, 06-40N 094-25E, 06-40N 091-30E. Wide berth from area advised.</p> <p>2. Cancel this MSG 280830 UTC Mar 21.</p>
<p><b>250. India West Coast – off Kasargod.</b> Charts IN 22 217 258 272 INT 7348. Abandoned MSV Safina-Al-Mirzan reported sunk in approximate position 12-29.53N 074-23.37E at 200130 UTC Mar 21.</p>
<p><b>251. Bay of Bengal.</b> Charts IN 31 7071 INT 756. Man overboard reported from MT Mars 16-08.1N 089-30.11E at 210300 UTC Mar 21.</p> <p>2. Cancel this MSG 291000 UTC Mar 21.</p>
<p><b>252. Andaman Sea – off Barren.</b> Charts IN 41 473 INT 7031. Firing by CG aircraft scheduled on 25, 26 Mar 21 from 0330 to 0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised.</p> <p>2. Cancel this MSG 261030 UTC Mar 21.</p>
<p><b>253. India East Coast – off Paradip.</b> Charts IN 31 351 7071 INT 756. Firing by CG aircraft scheduled on 24, 25 Mar 21 from 0430 to 0830 UTC in danger area bounded within 20-20N to 20-35N and 088-40E to 089-00E. Wide berth from area advised.</p> <p>2. Cancel this MSG 250930 UTC Mar 21.</p>
<p><b>254. Southern Indian Ocean.</b> Charts IN 7070 7073 INT 70. Space debris predicted 280 NM on either side of centerline joining 27-23S 062-21.5E, 42-51S 082-53E, 48-30S 097-41.5E, 52-33S 113-38E, 53-16S 137-58E, 50-13.5S 157-25E from 241032 to 241209 UTC and 251010 to 300959 UTC Mar 21.</p> <p>2. Cancel NAVAREA VIII MSG 245/21 and this MSG 301059 UTC Mar 21.</p>
<p><b>255. Cancel NAVAREA VIII MSG 243/21 and this MSG.</b></p>
<p><b>256. India East Coast – off Visakhapatnam.</b> Charts IN 308 3002 INT 7409. Hydrographic survey being progressed in area bounded by 17-40.62N 083-19.61E, 17-40.92N 083-20.88E, 17-35.38N 083-28.97E, 17-36.30N 083-29.65E, 17-40.69N 083-23.6E, 17-40.87N 083-30.65E, 17-42.19N 083-30.61E, 17-42.19N 083-21.1E, 17-41.76N 083-19.16E. Wide berth requested.</p> <p>2. Cancel this MSG 231830 UTC Mar 21.</p>
<p><b>257. India East Coast – off Bhimunipatnam.</b> Charts IN 308 3030 INT 7409. Hydrographic survey being progressed in area bounded within 17-50N to 17-53.5N and 083-24.8E to 083-29.4E. Wide berth requested.</p>

<b>257. Continued.</b>
2. Cancel this MSG 281830 UTC Mar 21.
<b>258. India West Coast - off Porbandar.</b> Charts IN 202 204 205 252 271 291 292 INT 7325. IAF firing from Kathiawar range scheduled on 26, 27 Mar 21 from 0330 to 1100 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E. Wide berth from area advised.
2. Cancel this MSG 271200 UTC Mar 21.
<b>259. India West Coast - off Mumbai.</b> Charts IN 211 255 292 INT 7334. DLS 4200 progressing installation activities IN area bounded by 19-27.98N 071-15.75E, 19-27.83N 071-27.17E, 19-17N 071-27E, 19-17.14N 071-15.6E . Wide berth requested.
2. Cancel NAVAREA VIII MSG 228/21 AND this MSG 241830 UTC Apr 21.
<b>260. Cancel NAVAREA VIII MSG 254/21 and this MSG.</b>
<b>261. cancel NAVAREA VIII MSG 254/21 and this MSG.</b>
<b>262. India East Coast – Chennai.</b> Charts IN 32 313 356 357 391 3001 3004 3028 INT 7402. Firing scheduled on 30 Mar 21 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 301030 UTC Mar 21.
<b>263. India West Coast – off Porbandar.</b> Charts IN 204 205 252 271 291 292 INT 7325. IAF firing from kathiawar range scheduled from 30, 31 Mar and 01, 03 Apr 21 from 0330 to 1100 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E. Wide berth from area advised.
2. Cancel this MSG 031200 UTC Apr 21.
<b>264. India West Coast - off Daman .</b> Charts IN 21 209 254 292 INT 7331 . Aerial firing by CG aircraft scheduled from 27 Mar to 31 Mar 21 from 0230 to 1130 UTC in danger area bounded within 20-26N to 20-40N and 072-27E TO 072-40E . Wide berth from area advised.
2. Cancel this MSG 311230 UTC Mar 21.
<b>265. NAVAREA VIII - warnings in force as on 26 Mar 2021:-</b> <b>2020 SERIES -</b> 116 329 333 384 442 444 480 515 526 593 630 664 690 691 751 753 757 786 <b>2021 SERIES -</b> 016 017 025 030 057 079 138 146 147 159 170 176 177 178 180 181 183 205 207 213 215 220 226 227 229 232 235 237 238 241 244 246 249 250 251 257 258 259 262 263 264 (A) NAVAREA VIII warnings less than 42 days promulgated via safetynet. (B) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in.
2. Cancel this MSG 021000 UTC Apr 21.
<b>266. India East Coast – off Gopalpur.</b> Charts IN 31 305 352 353 391 INT 7413. Army air defence firing scheduled from (A) 01 to 03 Apr (B) 05 to 09 Apr (C) 12 to 14 Apr (D) 15 to 16 Apr (E) 19 to 24 Apr (F) 26 to 30 Apr 21 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 Apr 21.
<b>267. India West Coast – Kochi.</b> Charts IN 22 220 259 2004 2029 INT 7356. Firing scheduled on (A) 02, 09,16, 19, 26 Apr 21 from 0900 to 1200 UTC (B) 05, 12, 23, 30 Apr 21 from 0900 to 1200 UTC and 1230 to 1430 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 Apr 21.
<b>268. Andaman Sea – Great Nicobar I.</b> Charts IN 409 471 472 INT 7448. Indira point LT (06-45.33N 093-49.67E) unlit.
<b>269. India West Coast - off Porbandar.</b> Charts IN 204 205 252 271 291 292 INT 7325. IAF Firing from Kathiawar range scheduled on 02, 04, 05 Apr 21 from 0330 to 1130 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E . Wide berth from area advised.
2. Cancel this MSG 051230 UTC Apr 21.

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

**Bay of Bengal Pilot (INP-2)**

**Chapter - 2 (Page 117)**

(Source: ROS I (N)-151, INS Darshak)

*Article 2.106, para 6, delete photograph “Boat shed near South Jetty”.*

**SECTION – VII**  
**CORRECTIONS TO LIST OF LIGHTS**

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
<b>D7296.782</b>	Ras Shukheir LPG Terminal. Ldg Lts 057.6°. Front	28 07.20 N 33 17.03 E	G Lt	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.784</b>	-- Rear	28 07.28 N 33 17.19 E	G Lt	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.786</b>	- Ldg Lts 054.2°. Front	28 07.93 N 33 16.71 E	G Lt	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.788</b>	- Ldg Lts 054.4°. Rear	28 07.87 N 33 16.62 E	G Lt	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.79</b>	- Ldg Lts 116.85°. Front	28 08.13 N 33 16.69 E	F W	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.792</b>	-- Rear	28 08.14 N 33 16.67 E	F W	..	..	Post with blue and green bands	..
*	*	*	*	*	*	*	*
<b>D7296.8</b>	<b>Ra's Shuqayr</b>	28 07.80 N 33 16.43 E	Fl(3)W 20s	85	22	White □ on framework tower 17	..
		*					*
<b>F1005.811</b>	- Starboard. Lts in line 332.10°. Front	20 16.76 N 86 40.07 E	Fl G 2s	30	6	White tower, green bands	Mark starboard side of channel
				*			
<b>F1005.812</b>	--- Rear. 147m from front	20 16.83 N 86 40.03 E	Fl G 10s	60	6	Grey metal framework tower	..
		*		*			
<b>F1005.87</b>	-- No 2 Ldg Lts. Front	20 16.95 N 86 40.33 E	Q R 1.2s	25	6	Grey metal framework tower 10	..
		*		*			
<b>F1005.871</b>	--- Rear	20 16.97 N 86 40.34 E	Fl R 10s	30	6	Red and White bands 15	..
		*		*			
<b>F1255.2</b>	- Teluk Dalam	00 34.06 N 97 49.19 E	Fl W 5s	32	13	White metal framework tower 30	fl 0.5
		*					
<b>F1616</b>	PERMATANG SEDEPA (ONE FATHOM BANK) TSS - <b>Northbound Route.</b> N side. Permatang Sedepa (One Fathom Bank)	02 53.31 N 100 59.71 E	Fl(4)W 20s	43	23	White round metal tower, red bands on concrete piles. Dome shaped roof at base of tower.	..
	----	..	Racon	..	..	..	ILRS Vol 2 Station 79880 *
<b>F1697.77</b>	Remove from list; deleted						
<b>F1775.8</b>	Remove from list; deleted						
<b>F1787</b>	Remove from list; deleted						



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

**INP 31(1), 2019**

*(Last correction: Edition No. 06 dated 16 Mar 2021)*

NIL

**INP 31(2), 2019**

*(Last correction: Edition No.05 dated 01 Mar 2021)*

NIL

**NP 31(5), 2017**

*( Last correction: Edition No. 05 dated 01 Mar 2020)*

NIL

**INP 31(6), 2018**

*( Last correction: Edition No. 05 dated 01 Mar 2021)*

NIL

**SECTION – IX**  
**CORRECTIONS TO MISCELLANEOUS NAUTICAL PUBLICATIONS**

**Amendment to Indian Notices to Mariners, Edition No. 05 Dated 01 Mar 2021**  
**Section-VIII, Correction to List of Radio Signals**

For :

**INP 31(2), 2014***(Last correction: Edition No. 04 dated 16 Feb 2021)***Page 44, RADAR BEACONS, KUWAIT (447)***Insert above "Ahmadi Lt Buoy"*

<b>Mina Al-Zour Approach Front Ldg Lt</b>	28°43'.71N 48°24'.42E					Z		77950
---	-----------------------	--	--	--	--	---	--	-------

Read:

**INP 31(2), 2014***(Last correction: Edition No. 04 dated 16 Feb 2021)***Page 16, RADAR BEACONS, KUWAIT (447)***Insert above "Ahmadi Lt Buoy"*

<b>Mina Al-Zour Approach Front Ldg Lt</b>	28°43'.71N 48°24'.42E					Z		77950
---	-----------------------	--	--	--	--	---	--	-------

## SECTION – X

### REPORTING OF NAVIGATIONAL DANGERS

#### Appeal to all Mariners

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

National Hydrographic Office  
107-A, Rajpur Road,  
Dehradun - 248001  
(Uttarakhand), India  
e-mail : [msis-inho@navy.gov.in](mailto:msis-inho@navy.gov.in), [inho@navy.gov.in](mailto:inho@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.

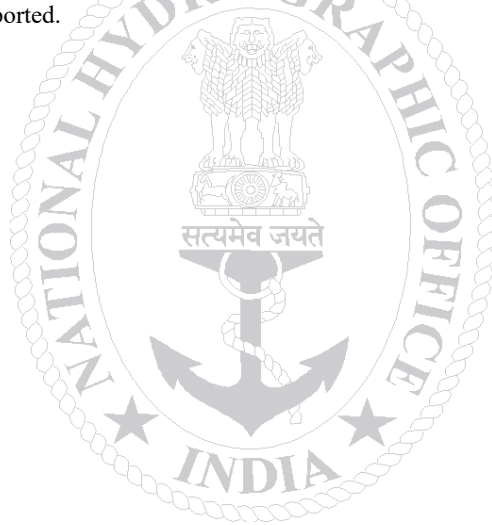
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be 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.



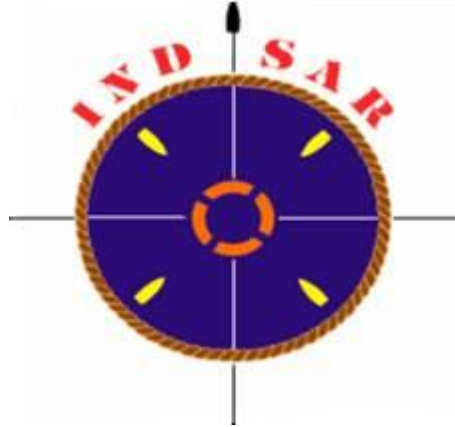
<b>HYDROGRAPHIC NOTE</b>		<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues			
Date		Ref. Number	
Name of the Ship or Sender			
Address			
Tel/FAX/E-mail address			
Observation Date		Time (UTC/IST)	
Object of Changes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

**AFTN: VABBYXYC**