

INDIAN NOTICES TO MARINERS



EDITION NO. 07 DATED 01 APR 2022

(CONTAINS NOTICES 078 TO 086)

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

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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
-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 & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
3038	15-02-2022	APPROACHES TO DHAMRA PORT LIMIT 20° 47'.50N; 86° 56'.10E. 20° 56'.20N; 87° 10'.25E.	25,000	5	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>
3038	31-12-2017	DHAMRA PORT	3038	15-02-2022

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>
IN53038A	3038	APPROACHES TO DHAMRA PORT	28-03-2022

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>
IN53038A	3038	APPROACHES TO DHAMRA PORT	25-02-2020

7. The forthcoming Indian Chart is as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
-NIL-			

VI

Availability of ENC's

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

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



VI

TEMPORARY AND PRELIMINARY NOTICES

In Force as on 01 Apr 2022

(Former List dated 01 Jan 2022 is cancelled)

Cancelled Notices	
Area	Notice No.
1	NIL
2	210/21, 220/21, 223/21, 043/22, 033/22, 040/22, 043/22, 048/22, 051/22, 060/22, 072/22, 076/22
3	061/20, 113/20, 136/20, 193/21, 227/21, 41/22, 035/22, 041/22, 049/22, 061/22, 062/22, 065/22
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.
077/22	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.
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(INT752) – 211 – 255(INT 7334) – 292 (INT7021) – 293 (INT 7022) – 2076(INT7338) – 2016(INT7336) – 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.
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.
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.

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

180/19	292 (INT 7021) – 253 (INT 7328) – 254 (INT 7331) – 207 – 2081 (INT 7342) – 2100.	INDIA – WEST COAST – Gulf of Khambhat – Approaches to Port Pipavav – Construction Work.
091/20	21 – 22 (INT 752) – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA –WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.
094/20	21 – 22 (INT 752) – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA –WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.
038/21	21 – 22 (INT 752) – 293 (INT 7022) – 214 – 292 (INT 7021) – 251 (INT 7318) – 271 – 291– 258 (INT 7348) – 272– 259 (INT 7356) – 263 (INT 7383) – 32 (INT 754) – 261	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
095/21	2106 – 2079 (INT 7329) – 2068 – 203 (INT 7319) – 21.	INDIA – WEST COAST – GULF OF KACHCHH – Mundra Port- Construction Work.
118/21	2076 (INT 7338) – 2016 (INT 7336) – 211 – 255 (INT 7334) – 292 (INT 7021) -293 (INT 7022) – 21-22 (INT 752).	INDIA – WEST COAST – Jawaharlal Nehru Port and Trombay – Construction activity.
129/21	21 – 22 (INT 752) – 292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA –WEST COAST – Jawaharlal Nehru Port and Trombay- Construction work.
224/21	21 – 22(INT 752) – 211 – 255(INT 7334) – 292(INT 7021) – 293(INT 7022) – 2015(INT 7337) – 2016(INT 7336) – 2076(INT 7338).	INDIA – WEST COAST – Inner App. To Mumbai – Dredging.
225/21	21 – 211 – 22 (INT 752) – 255 (INT 7334) – 292 (INT 7021)	INDIA – WEST COAST – Satpati to Dighi Harbour – Salvage operation.
034/22	260 (INT 7362) – 261 – 222 – 223 – 2012	INDIA – WEST COAST – Vizhinjam Anchorage, Alleppey Anchorage – Buoys.
042/22	22 (INT 752) – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 205 – 206 – 211 – 212 – 213 – 215 – 216 – 219 – 221– 222 – 223 – 224 – 252 (INT 7325) – 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) – 308 (INT 7409) – 351 (INT 7419) – 305 – 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) – 7702 (INT 702) – 7703 (INT 703)	INDIAN OCEAN – Northern Part – Wave Rider Buoys.
044/22	7070 (INT 70) – 7071 (INT 71) – 7073 (INT 73) – 7703 (INT 703)	INDIAN OCEAN – Data Buoys and Tsunami Buoys.
080/22	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.
084/22	21 – 292 (INT 7021) – 253 (INT 7328) – 254 (INT 7331) - 207 – 2081 (INT 7342) – 2100 (INT 7344).	INDIA –WEST COAST – GULF OF KHAMBHAT – Approaches to Port Pipavav - Construction Work.
085/22	21 – 292 (INT 7021) – 22 (INT 752) – 273 – 268 (INT 7353) – 2047	INDIA – WEST COAST – Arabian Sea – Data Buoys and Tsunami Buoys.

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.
188/19	4013.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Shaheed Dweep Pier (Neill Island Pier) – Construction Work.
211/19	4043.	ANDAMAN SEA – INDIA – ANDAMAN ISLANDS – Ariel Bay – Construction Work.
237/19	41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Dredging.
244/19	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Drilling Operation.
163/20	31 (INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Dredging.
204/20	3003 – 32 (INT 754).	INDIA – EAST COAST – Cuddalore Anchorage – Dredging.
205/20	3003 – 32 (INT 754).	INDIA – EAST COAST – Cuddalore Anchorage – Construction Work.
085/21	32 (INT 754) – 31 (INT 756) – 391 – 355 (INT 7405)	INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – STP Buoy.
089/21	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 357 (INT 7397) – 391 – 354 (INT 7408) – 308 (INT 7409) – 352 (INT 7416) – 355 (INT 7405) – 356 (INT 7400) – 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.
103/21	224 -223- 262 (INT 7365) – 32 (INT 754).	INDIA – SOUTH EAST COAST – GULF OF MANNAR – Manappad to Setukkarai – Construction Activities.
119/21	31(INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – wreck.
177/21	31(INT 756).	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – wreck.
202/21	31(INT 756) –351(INT 7419)	INDIA – EAST COAST – Paradip to Pussur River – Wreck.
219/21	31 (INT 756)	BAY OF BENGAL – Northern Portion – Drilling Campaign.
228/21	31 (INT 756) – 32 (INT 754) – 355 (INT 7405) – 391.	INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – Survey.
229/21	31 (INT 756).	BAY OF BENGAL – Northern Portion – Offshore Installation Activity
230/21	31 (INT 756).	BAY OF BENGAL – Northern Portion – Post Trenching and Back Filling.
050/22	41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Geophysical Site Investigation.
063/22	31 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Geophysical site Investigation.
064/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
073/22	31(INT 756)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) –Wreck.
081/22	391 – 354 (INT 7408) – 355 (INT 7405) – 3042.	INDIA – EAST COAST – Bay of Bengal – Oil Rigs.
082/22	31 (INT 756)	BAY OF BENGAL – Northern Portion – Remote Mooring Buoy.
083/22	31 (INT 756)	BAY OF BENGAL – Northern Portion – Drilling Operation.

**3. INDIA EAST COAST, ANDAMAN NICOBAR, SRI LANKA, BANGLADESH, MYANMAR.
(Continued).**

086/22 31 (INT 756) – 32 (INT 754) – 33 (INT 755) INDIA – EAST COAST – Bay of Bengal – Andaman
– 356 (INT 7400) – 357 (INT 7397) – 391– Sea – Data Buoys and Tsunami Buoys.
313– 3001 (INT 7402) – 3004 (INT 7403) –
41 (INT 757) – 472 (INT 7032) – 473 (INT
7031) – 404 (INT 7439) – 405 (INT 7440) –
4115

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
179/21	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 078 to 086 contained in this edition is as follows:-

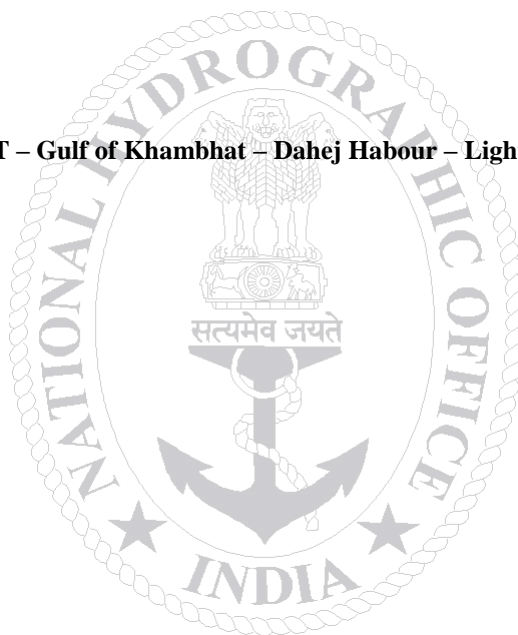
CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	084 (T), 085 (T)
22 (INT 752)	3	085 (T)
31 (INT 756)	5	082 (T), 083 (T), 086 (T)
32 (INT 754)	5	086 (T)
33 (INT 755)	5	086 (T)
41 (INT 757)	6	086 (T)
202	2	080 (T)
207	2	084 (T)
210	3	080 (T)
211	3	080 (T)
251 (INT 7318)	2	080 (T)
253 (INT 7328)	2	080 (T), 084 (T)
254 (INT 7331)	3	080 (T), 084 (T)
255 (INT 7334)	3	080 (T)
256 (INT 7340)	3	080 (T)
268 (INT 7353)	4	085 (T)
271	2	080 (T)
273	4	085 (T)
292 (INT 7021)	2	080 (T), 084 (T), 085 (T)
293 (INT 7022)	3	080 (T), 085 (T)
313	5	086 (T)
354 (INT 7408)	5	081 (T)
355 (INT 7405)	5	081 (T)
356 (INT 7400)	5	086 (T)
357 (INT 7397)	5	086 (T)
391	5	081 (T), 086 (T)
404 (INT 7439)	6	086 (T)
405 (INT 7440)	6	086 (T)
472 (INT 7032)	6	086 (T)
473 (INT 7031)	6	086 (T)
2033 (INT 7341)	2	078
2039	2	079
2047	4	085 (T)
2081 (INT 7342)	2	084 (T)
2082	2	079
2083 (INT 7339)	2	078
2100 (INT 7344)	2	084 (T)
2110	2	079
3001 (INT 7402)	5	086 (T)
3004 (INT 7403)	5	086 (T)
3042	5	081 (T)
4115	6	086 (T)
7071 (INT 71)	1	085 (T)
7072 (INT 72)	1	085 (T)

SECTION – II**PERMANENT NOTICES*****078 (07/22) INDIA – WEST COAST – GULF OF KACHCHH – Approaches to Sikka – Wreck & Light.**

Source: NHO, Dehradun.

Chart 2033 (INT 7341) [previous update 141/21]Substitute  *Wk* for , centered on; 22° 30′·21N., 69° 50′·45E.**Chart 2083 (INT 7339) (App. To Sikka) [previous update 036/22]**Substitute  *Wk* for , centered on; 22° 30′·21N., 69° 50′·45E.**Chart 2083 (INT 7339) (Reliance Tanker Berth) [previous update 036/22]**Substitute  *Wk* for , centered on; 22° 30′·21N., 69° 50′·45E.***079 (07/22) INDIA – WEST COAST – Gulf of Khambhat – Dahej Harbour – Light.**

Source: Dahej LNG Terminal.

Chart 2039 [previous update 188/21]Insert  Fl.4s 21° 40′·517N., 72° 30′·611E.Insert  Fl.4s 21° 40′·315N., 72° 30′·612E.**Chart 2082 [previous update 188/21]**Insert  Fl.4s 21° 40′·517N., 72° 30′·611E.Insert  Fl.4s 21° 40′·315N., 72° 30′·612E.**Chart 2110 [previous update 052/21]**Insert  Fl.4s 21° 40′·517N., 72° 30′·611E.Insert  Fl.4s 21° 40′·315N., 72° 30′·612E.

Section – III**TEMPORARY AND PRELIMINARY NOTICES**

*080 (T) (07/22)	INDIA – WEST COAST – Arabian Sea – Oil Rigs.
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows:-	
Rig Name	Position
Aban III	19° 24'.65N., 71° 13'.07E.
Aban IV	19° 25'.26N., 72° 16'.84E.
CE Thornton	21° 04'.45N., 72° 27'.55E.
Compact Driller	21° 01'.91N., 72° 33'.25E.
Discovery 1	18° 36'.10N., 71° 01'.60E.
DS Fossil	19° 14'.24N., 72° 06'.46E.
FG MC Clintok	18° 29'.41N., 72° 14'.73E.
Foresight Driller IX	19° 10'.61N., 70° 57'.65E.
Great Drill Chaaru	18° 45'.65N., 72° 19'.21E.
Great Drill Chetna	20° 21'.98N., 72° 15'.83E.
Great Drill Chaaya	19° 08'.75N., 72° 07'.01E.
Great Drill Chitra	19° 16'.46N., 71° 26'.77E.
Jindal Star	18° 01'.05N., 72° 22'.72E.
Jindal Supreme	18° 14'.76N., 72° 21'.87E.
JT Angel	19° 33'.08N., 71° 21'.27E.
Parameswara	19° 31'.69N., 71° 16'.51E.
Ron Tappmeyer	20° 08'.68N., 71° 44'.93E.
Sagar Vijay	19° 02'.30N., 71° 23'.71E.
Sagar Jyoti	19° 16'.06N., 71° 41'.91E.
Sagar Kiran	19° 00'.71N., 71° 23'.46E.
Sagar Ratna	19° 36'.83N., 71° 57'.82E.
Sagar Shakti	19° 14'.01N., 71° 48'.97E.
Sagar Udhay	19° 34'.31N., 72° 07'.68E.
Trident 2	20° 22'.14N., 72° 12'.64E.
Trident 12	18° 45'.23N., 72° 18'.00E.
Valiant Driller	19° 34'.71N., 71° 23'.15E.
Vivekananda 1	19° 11'.99N., 72° 11'.00E.
Vivekananda 2	20° 21'.56N., 72° 01'.43E.
Virtue 1	19° 26'.15N., 71° 18'.63E.
Victory Driller	19° 18'.85N., 71° 24'.94E.
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 072 (T)/22 is cancelled.	

***081 (T) (07/22) INDIA – EAST COAST – Bay of Bengal – Oil Rigs.**

Source: NCD, Mumbai.

1. List of Oil Rigs is as follows:-

Rig Name	Position
Aban II	16° 23′.02N., 81° 58′.71E.
DDKG 1	16° 10′.40N., 82° 39′.10E.
DS Fortune	19° 37′.84N., 71° 17′.77E.
SSV Louisiana	16° 15′.90N., 82° 23′.50E.
Platinum Explorer	16° 19′.58N., 82° 21′.03E.

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 – 391 – 354 (INT 7408) – 355 (INT 7405) – 3042.**Former INTM 049 (T)/22 is cancelled.*****082 (T) (07/22) BAY OF BENGAL – Northern Portion – Mooring Buoy.**

Source: Myanmar Notice 10/2022.

1. Temporary Remote Mooring Buoy deployed from **31st March to 15th June, 2022** for commercial vessels at below mentioned position:-

SI No.	Position
(a)	19° 51′.43N., 92° 27′.49E.

2. During the operation period, anchoring, fishing and trawling are prohibited within 4 Km and the vessels are advised to keep proper clearance from above mentioned area.

3. Mariners are advised to navigate with caution in the area and contact Port authority for latest information.

Charts affected – 31 (INT 756).***083 (T) (07/22) BAY OF BENGAL – Northern Portion – Drilling Operation.**

Source: Myanmar Notice 06/2022.

1. Drilling Operation carried out by vessel, “**Ocean Monarch**” (Call Sign:V71Y3) till **30 Jul 2022** in the following coordinates:-

SI No.	Position
(a)	19° 28′.52N., 92° 22′.69E.
(b)	19° 32′.00N., 92° 32′.78E.
(c)	19° 22′.62N., 92° 36′.37E.
(d)	19° 19′.14N., 92° 26′.35E.

2. During the operation period, anchoring, fishing and trawling are prohibited within 4 Km and the vessels are advised to keep proper clearance from above mentioned area.

3. Mariners are advised to navigate with caution in the area and contact Port authority for latest information.

Charts affected – 31 (INT 756).

***084 (T) (07/22) INDIA -WEST COAST – GULF OF KHAMBHAT – Approaches to Port Pipavav - Construction Work.**

Source: APM Terminals, Pipavav.

1. Construction activities is in progress in the area bounded by the following coordinates :

Sl. No.	Position
(a)	20° 55′.456N., 71° 31′.028E.
(b)	20° 55′.473N., 71° 31′.051E.
(c)	20° 55′.452N., 71° 31′.069E.
(d)	20° 55′.435N., 71° 31′.047E.
(e)	20° 55′.332N., 71° 30′.876E.
(f)	20° 55′.348N., 71° 30′.898E.
(g)	20° 55′.327N., 71° 30′.916E.
(h)	20° 55′.310N., 71° 30′.893E.

2. Mariners are advised to navigate with caution in the area and contact port authority for latest information.

Charts affected - 21 – 292 (INT 7021) – 253 (INT 7328) – 254 (INT 7331) - 207 – 2081 (INT 7342) – 2100 (INT 7344).

***085 (T) (07/22) INDIA – WEST COAST – Arabian 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:-

Buoy No./Name	Position	Chart Affected
AD06/OB	18° 24′.60N., 067° 28′.02E	21, 292(INT 7021), 293 (INT 7022)
AD07/OB	14° 56′.62N., 068° 59′.08E	293 (INT 7022)
AD08/OB	12° 03′.06N., 068° 37′.63E	7071 (INT 71), 7072 (INT 72)
AD09/OB	08° 05′.02N., 073° 15′.67E	22 (INT 752), 273
AD10/OB	10° 19′.53N., 072° 37′.37E	22 (INT 752), 273, 268 (INT 7353)
CALVAL/MB	10° 35′.52N., 072° 15′.98E	22 (INT 752), 273,268 (INT 7353)
CBO2/CB	10° 52′.42N., 072° 12′.57E	22 (INT 752), 273 ,268 (INT 7353), 2047
TB12/TB	19° 53′.75N., 066° 59′.82E	21, 292(INT 7021)
STBO2/TB	20° 45′.60N., 065° 16′.80E	21

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 223 (T)/21 is cancelled.

***086 (T) (07/22) 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:-

Buoy No./Name	Position	Chart Affected
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° 25′.25N., 84° 06′.67E	32 (INT 754), 33 (INT 755), 391
BD12/OB	10° 27′.35N., 94° 07′.97E	41 (INT 757), 472 (INT 7032)
BD14/OB	06° 34′.35N., 88° 19′.47E	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° 05′.85N., 80° 18′.87E	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 065 (T)/22 is cancelled.



SECTION – IV

MARINE INFORMATION

1. **NAVTEX TRANSMISSION**

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

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

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

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

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

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crews using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - 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, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode. Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html for further information.

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

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

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

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

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

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

6. **USAGE OF THURAYA/ IRIDIUM AND 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>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Instruments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p>	<p>M/s Global Marine Infratech Pvt. Ltd. SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell: - +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Lift o Marine Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftmarine.org, liftmarine77@gmail.com Web: www.liftmarine.org</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani'sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	<p>M/s CNC Office No. S-12-92, Haware's Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: sales@emariner.net</p>

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

1. 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 Apr 22: -

2021 SERIES - 017 147 286 340 387 392 447 463 478 479 480 544 550 604 629 633 658 690 728 756 759 761 771 795 800 833 843
2022 SERIES - 049 093 112 117 118 132 134 162 181 184 194 202 203 206 210 215 216 218 219 221 222 223 224 225 226 228 229 230 231 232 233 234

3. NAVAREA VIII Warnings issued during the period from 16 Mar 22 to 31 Mar 22 (both dates inclusive) are as tabulated below: –

182. Cancel NAVAREA VIII MSG 172/22 and this MSG.
183. India West Coast. Charts IN 21 211 255 INT 7334. Rig Move. GD CHAARU (18-45.65N 072-19.21E). Refer to 076(T) of INTM 06/22. Wide berth requested.
184. India West Coast. Charts IN 21 211 255 INT 7334. Rig Move. GD Chaaru (18-45.65N 072-19.21E). Refer to 076(T) of INTM 06/22. Wide berth requested.
185. Bay Of Bengal - Off Chittagong. Charts IN 31 BA 84 90 INT 7428. M/V Reported Attacked in 22-14.3N 091-49.6E at 151655 UTC Mar 22. Vessels advised TO keep clear of Position and exercise Caution. 2. Cancel this MSG 240030 UTC Mar 22.
186. Andaman Sea. Charts IN 41 408 472 473 7071 INT 757. Firing scheduled from 210230 to 241230 UTC Mar 22 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 241330 UTC Mar 22.
187. India West Coast - off Mumbai. Charts IN 21 254 255 292 INT 7334. GS Rashi will carry out pipeline survey in areas bounded by (A) 19-42.1N 071-10.47E, 19-41.73N 071-37.98E, 19-08.21N 071-37.44E, 19-08.57N 071-10.03E from 21 to 25 Mar 22 (B) 19-25.31N 071-55.54E, 19-26.14N 072-22.77E, 18-54.43N 072-24.1E, 18-56.78N 071-57.02E from 26 to 31 Mar 22. Wide berth requested. 2. Cancel this MSG 311830 UTC Mar 22.
188. India West Coast - off Porbandar. Charts IN 21 204 252 292 INT 7325. Firing by CG aircraft scheduled on 23, 25, 30 Mar 22 from 0200 to 0930 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. 2. Cancel this MSG 301030 UTC Mar 22.
189. Andaman Sea - off Barren I. CHARTS IN 41 473 INT 7031. Firing by CG Aircraft scheduled on 20, 21 Mar 22 from 0230 to 0730 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 210830 UTC Mar 22
190. India West Coast - Gopnath Point. Charts IN 207 254 INT 7331. DGPS (21-12.25N 072-06.64E) transmission will be swithced off from 210330 to 221230 UTC Mar 22 for maintenance. 2. Cancel this MSG 221230 UTC Mar 22.
191. India West Coast - Uttan. Charts IN 211 255 INT 7334. DGPS (19-16.74N 072-46.84E) transmission will be swithced off from 210330 to 221230 UTC Mar 22 for maintenance. 2. Cancel this MSG 221230 UTC Mar 22.
192. Lakshadweep Sea - Androth I. Charts IN 268 2007 INT 7353. West End LT (10-49.03N 073-39.7E) unlit from 16 Mar 22.
193. Cancel NAVAREA VIII MSG 157/22, 164/22, 170/22 and this MSG. INTM 076(T) of 06/22 refers.
194. Andaman Sea - Car Nicobar. Charts IN 407 4161 INT 7445. Keating Point LT (09-15.34N 092-46.51E) operating in range of 20 NM. 2. Cancel NAVAREA VIII MSG 775/21.
195. NAVAREA VIII - Warnings in force as on 17 Mar 2022:- 2021 Series - 017 147 286 340 387 392 447 463 478 479 480 544 550 604 629 633 658 690 728 756 759 761 771 775 795 800 833 843 846 2022 Series - 049 066 093 112 117 118 119 132 134 136 140 141 147 153 162 168 176 177 180 181 182 184 185 186 187 188 189 190 191 192 193 194 (A) NAVAREA VIII Warnings less than 42 days promulgated via safety net

195. Continued. (B) Text of NAVAREA VIII Warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 251000 UTC Mar 22.
196. Cancel NAVAREA VIII MSG 066/22, 192/22 and this MSG.
197. Cancel NAVAREA VIII MSG 176/22 and this MSG.
198. India West Coast - off Trivandrum. Charts IN 22 222 260 261 INT 752. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 23 Mar 22 from 0530 to 0700 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 230800 UTC Mar 22.
199. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG Aircraft scheduled on 24, 29, 31 Mar 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 311130 UTC Mar 22.
200. India East Coast - off Chennai. Charts IN 32 313 356 391 INT 7400. Firing by CG Aircraft scheduled on 25 Mar 22 from 0130 to 1130 UTC in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E. Wide berth from area advised. 2. Cancel this MSG 251230 UTC Mar 22.
201. Cancel NAVAREA VIII MSG 119/22 and this MSG.
202. India East Coast - off Balasore. Charts IN 31 301 351 3017 3038 INT 7419. Experimental Flight trial scheduled ON (A) 24, 25 Mar 22 from 0430 to 0830 UTC (B) 27 Mar to 01 Apr 22 from 0430 to 0630 UTC and 0930 to 1130 UTC in danger area bounded by 21-19.77N 086-51.78E, 21-01.32N 086-48.18E, 20-25.68N 087-34.02E, 20-56.93N 088-01.8E, 21-32.73N 087-16.65E, 21-27.02N 086-58.75E. Wide Berth from area advised. 2. Cancel this MSG 011230 UTC Apr 22.
203. Bay of Bengal - off Chittagong. Charts IN 31 BA 84 INT 7428. Wreck reported in position (22-16.12N 091-44.8E). Wide berth advised.
204. India West Coast - off Daman. Charts IN 21 209 254 292 INT 7331. Firing by CG Aircraft scheduled on 24 Mar 22 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 241230 UTC Mar 22.
205. India West Coast - Okha. Charts IN 203 2068 INT 7319. DGPS (22-28.61N 069-04.19E) Transmission will be switched off from 240130 to 251230 UTC Mar 22 for maintenance. 2. Cancel this MSG 251230 UTC Mar 22.
206. India East Coast. Charts IN 31 355 391 INT 7405. Rig Move. Platinum Explorer (16-19.58N 082-21.03E). Refer to 061(T) of INTM 04/22. Wide berth requested.
207. India West Coast - off Mumbai. Charts IN 21 22 293 INT 7022. Northern Endeavour will carry out Marine Route Survey in areas bounded by (A) 17-34.31N 070-46.2E, 17-32.6N 070-44.36E, 17-31.22N 070-42.89E, 17-31N 070-42.64E, 17-30.31N 070-41.85E, 17-26.76N 070-38.55E on 23 Mar 22 (B) 17-43.31N 070-55.88E, 17-41.55N 070-53.98E, 17-40.91N 070-53.29E, 17-40N 070-52.32E, 17-36.13N 070-48.16E from 24 to 28 Mar 22. Wide berth requested. 2. Cancel this MSG 281830 UTC Mar 22.
208. Andaman Sea. Charts IN 41 408 472 473 7071 INT 757. Firing scheduled from 241230 to 251230 UTC Mar 22 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 251330 UTC Mar 22.
209. India West Coast - off Mumbai. Charts IN 21 211 255 INT 7334. Albatross 5 progressing Cable Route Survey in areas bounded by (A) 19-02.91N 072-40.84E, 19-02.22N 072-41.8E, 18-58.49N 072-40E, 18-57.15N 072-35.61E, 18-58.51N 072-35.15E, 18-59.62N 072-39.25E from 22 to 25 Mar 22 (B) 18-55.23N 072-29.3E, 18-54.15N 072-29.98E, 18-52.85N 072-27.69E, 18-53.94N 072-27E from 26 to 30 Mar 22. Length of TOW 250 meters from stern. Wide berth requested. 2. Cancel this MSG 301830 UTC Mar 22.
210. India West Coast. Charts IN 21 255 292 INT 7334. Rig Move. GD Chitra (19-16.46N 071-26.77E). Refer to 076(T) of INTM 06/22. Wide berth requested.
211. India East Coast - Visakhapatnam. Charts IN 308 3012 INT 7411. DGPS (17-40.53N 083-17.68E) transmission will be switched off from 240630 to 240830 UTC for maintenance. 2. Cancel this MSG 240830 UTC Mar 22.
212. Andaman Sea - off Barren I. Charts IN 41 473 INT 7031. Firing by CG aircraft scheduled on 27, 28 Mar 22 from 0230 to 0730 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 280830 UTC Mar 22.
213. India East Coast - Chennai. Charts IN 32 313 356 3001 INT 7402. Firing scheduled on 29 Mar 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.

213. Continued.
2. Cancel this MSG 291030 UTC Mar 22.
214. India East Coast - Visakhapatnam. Charts IN 31 32 308 354 391 3002 3012 INT 7410. Firing scheduled on 30 Mar 22 from 0001 to 0130 UTC in danger area bounded by (A) 17-42N 083-18E (B) 17-48N 083-35E (C) 17-31N 083-32E and arc of 17 NM radius joining point B and C. Wide berth from area advised.
2. Cancel this MSG 300230 UTC Mar 22.
215. Andaman Sea - Off Nicobar Islands. Charts In 41 409 472 INT 7448. Hydrographic Survey Being Progressed In Area Bounded Within 07-10N To 07-35N And 093-25E To 093-55E. Wide Berth Requested.
2. Cancel This MSG 051830 UTC May 22.
216. India East Coast - off Balasore. Charts IN 31 351 352 3017 INT 756. IAF Exercise scheduled from 28 Mar to 02 Apr, 04 to 09 Apr, 11 to 16 Apr 22 from 0430 to 0630 UTC and 0830 to 1030 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.
2. Cancel this MSG 161130 UTC Apr 22.
217. Andaman Sea - off Portblair. Charts IN 41 473 404 INT 7439. Firing scheduled on 30, 31 Mar 22 from 0900 to 1230 UTC in danger area bounded by 11-52.56N 092-55.11E, 11-46.57N 092-59.39E, 11-39.03N 093-00.54E, 11-40.48N 092-45.54E. Wide berth from area advised.
2. Cancel this MSG 311330 UTC Mar 22.
218. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Seismic Survey being progressed by Sanco Star with node handling vessels Normand Tonjer & Olympic Taurus and support vessels IN area bounded by 19-07.8N 071-32.5E, 19-31.7N 071-32.5E, 19-31.7N 072-09E, 19-11.2N 072-09E, 19-11.2N 071-57.1E, 19-07.8N 071-57E. Wide berth of 05 NM requested.
2. Cancel this MSG 251830 UTC Apr 22.
219. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. Offshore Runner and Offshore supporter progressing Pipeline Survey in areas bounded by (A) 19-52.2N 070-45.81E, 19-51.88N 071-21.05E, 18-49.69N 071-23.15E, 19-06.37N 070-50.64E from 26 Mar to 10 Apr 22 (B) 19-51.88N 071-21.05E, 19-50.76N 071-52.58E, 18-57.01N 071-53.76E, 18-53.93N 071-49.9E, 18-49.69N 071-23.15E from 11 to 15 Apr (C) 19-50.76N 071-52.58E, 19-42.37N 072-20.67E, 19-16.44N 072-23E, 18-54.58N 072-28.52E, 18-57.01N 071-53.76E from 16 to 25 Apr 22. Wide berth requested.
2. Cancel this MSG 251830 UTC Apr 22.
220. India East Coast - off Visakhapatnam. Charts IN 31 308 354 3002 3012 INT 7409. Experimental Flight trial scheduled from 30 Mar to 02 Apr 22 from 0530 to 0930 UTC in danger area bounded by 17-40.4N 083-37.18E, 17-39.23N 083-38.38E, 17-38.08N 083-37.18E, 17-39.23N 083-35.98E. Wide berth from area advised.
2. Cancel this MSG 021030 UTC Apr 22.
221. NAVAREA VIII - Warnings in force as on 25 Mar 2022:-
2021 Series - 017 147 286 340 387 392 447 463 478 479 480 544 550 604 629 633 658 690 728 756 759 761 771 795 800 833 843
2022 Series - 049 093 112 117 118 132 134 136 140 153 162 181 182 184 187 188 194 199 202 203 206 207 209 210 212 213 214 215 216 217 218 219 220
(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 011000 UTC Apr 22.
222. India East Coast - off Gopalpur. Charts IN 31 305 352 353 391 INT 7413. Army Air Defence firing scheduled from 01 to 11 Apr, 14 to 23 Apr, 28 to 30 Apr 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 Apr 22.
223. India West Coast - off Mumbai. Charts IN 211 255 292 INT 7021. Hydrographic Survey being progressed in area bounded within 18-11N to 19-44.5N and 072-08E to 073-02E. Wide berth requested.
2. Cancel this MSG 201830 UTC Apr 22.
224. India West Coast - off Mumbai. Charts IN 21 211 255 293 INT 7022. Northern Endeavour will carry out Marine Route Survey in areas bounded by (A) 18-57N 072-33.5E, 18-56.3N 072-33.2E, 18-59N 072-41E, 19-00.15N 072-41E from 29 to 31 Mar (B) 18-18.56N 071-29.47E, 18-15.55N 071-32.66E, 18-49.49N 072-10.67E, 18-51.95N 072-07.05E from 01 to 05 Apr (C) 17-56.31N 071-09.87E, 17-45.28N 070-57.99E, 17-45.23N 070-57.95E from 01 to 05 Apr 22. Wide berth requested.
2. Cancel this MSG 051830 UTC Apr 22.
225. India West Coast - Kochi. Charts IN 22 220 259 2004 2029 INT 7356. Firing scheduled on (A) 01, 08, 15, 22, 29 Apr 22 from 0900 to 1200 UTC and 1230 to 1430 UTC (B) 04, 11, 18, 25 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, 09-43.65N 076-09.7E. Wide berth from area advised.

225. Continued.
2. Cancel this MSG 291530 UTC Apr 22.
226. Southern Indian Ocean. Charts IN 7070 7073 INT 73. Space Debris predicted in area bounded by 27-32S 065-06E, 27-31S 065-07E, 29-25S 065-58E, 33-25S 067-03E, 38-26S 068-26E, 43-22S 069-51E, 47-21S 070-56E, 47-22S 070-54E, 45-44S 069-45E, 41-31S 068-16E, 37-21S 067-04E, 31-55S 065-49E FROM 01 TO 08 APR 22 FROM 1828 TO 1907 UTC.
2. Cancel this MSG 082007 UTC Apr 22.
227. Cancel NAVAREA VIII MSG 220/22 and this MSG.
228. India West Coast - off Mumbai. CHARTS IN 21 254 255 292 INT 7021. Samudra Sarvekshak progressing survey in vicinity of 19-23.72N 070-49.83E, 18-17.11N 072-19.83E, 18-42.58N 070-58.27E, 18-58.58N 071-17.51E, 18-59.04N 071-50.46E, 19-15.17N 071-22.95E, 19-25.07N 071-12.76E, 19-15.42N 071-05.63E, 19-32.89N 071-45.6E, 19-25.43N 071-48.45E, 19-26.74N 071-54.35E, 20-45.19N 072-04.74E, 20-45.25N 072-01.69E, 20-37.32N 071-38.77E, 20-41.85N 071-44.81E, 20-51.67N 072-09.18E, 20-54.69N 071-56.74E, 21-03.87N 072-21.4E, 21-04.2N 072-26.03E. Wide berth requested.
2. Cancel this MSG 131830 UTC May 22.
229. India West Coast. Charts IN 21 255 292 INT 7334. Rig Move. Parameswara (19-31.69N 071-16.51E). Refer to 076(T) of INTM 06/22. Wide berth requested.
230. India West Coast - off Daman. Charts IN 21 209 254 292 INT 7021. GS Rashi will carry out pipeline survey in areas bounded by (A) 20-38.84N 071-58.88E, 20-38.44N 072-20.38E, 20-09.27N 072-16.42E, 20-09.59N 071-58.32E from 01 to 10 Apr and 21 to 30 Apr 22 (B) 20-38.44N 072-20.38E, 20-37.98N 072-43.18E, 20-08.75N 072-42.47E, 20-09.27N 072-16.42E from 11 to 20 Apr 22. Wide berth requested.
2. Cancel this MSG 301830 UTC Apr 22.
231. Bay of Bengal - off Myanmar. Charts IN 31 BA 817 INT 7430. Mooring Buoy laid in position 19-51.43N 092-27.49E from 31 Mar to 15 Jun 22 for commercial vessels. Vessels advised to keep clear.
2. Cancel this MSG 151830 UTC Jun 22.
232. India West Coast - off Mumbai. Charts IN 21 255 293 INT 7334. Albatross 5 progressing Cable Route Survey in areas bounded by (A) 18-49.72N 072-09.93E, 18-48.77N 072-10.79E, 18-40.74N 071-52.58E, 18-41.63N 071-51.84E from 02 to 06 Apr 22 (B) 18-35.02N 071-22.05E, 18-31.12N 071-22.74E, 18-20.13N 070-38.03E, 18-23.3N 070-37.3E from 08 to 18 Apr 22. Length of Tow 250 meters from stern. Wide berth requested.
2. Cancel this MSG 181830 UTC Apr 22.
233. Andaman Sea - off Barren I. Charts IN 41 473 INT 7031. Firing by CG Aircraft scheduled on 03, 04 Apr 22 from 0230 to 0730 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 040830 UTC Apr 22.
234. India West Coast - off Mormugao. Charts IN 22 215 257 293 294 7705 INT 705. Firing scheduled from 040230 to 051230 UTC Apr 22 in danger area bounded by 15-36N 071-50E, 14-39N 073-40E, 14-00N 074-00E, 13-30N 073-02E, 14-31N 071-24E. Wide berth from area advised.
2. Cancel this MSG 051330 UTC Apr 22.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7357.77	- West Breakwater	25 08.67 N 55 11.21 E	Fl Y 5s	..	..	Yellow x on yellow post	Fl 0.5
*	*	*	*	*	*	*	*
	DALMA OILFIELD						
D7368.8	Remove from list; renumbered to D9241.55						
	JAZIRAT DAS						
D7376.8	Remove from list; renumbered to D9205.53						
	JAZIRAT HALUL						
D7379	Remove from list; renumbered to D9206.26						
D7379.2	Remove from list; renumbered to D9206.27						
D7620.5	- Khowr-E Bahmanshir. No 6	29 58.67 N 48 43.62 E	Fl(2)W 6s	..	7	..	..
*	*	*	*	*	*	*	*
D7620.7	- Khowr-E Bahmanshir. No 2	29 57.48 N 48 44.53 E	Fl W 1.5s	..	7	..	..
*	*	*	*	*	*	*	*
D9167.9	- <i>Al Shaheen</i>	26 34.59 N 52 00.02 E	Mo(U)W 15s	..	..	Superbuoy	..
*	*	*	*	*	*	*	*
	JAZIRAT DAS						
D9205.53	Renumbered; was previously D7376.8						
	- <i>SBM. Tanker Berth No 6</i>	25 08.14 N 52 55.69 E	Mo(U) R	..	..	..	..
*	*	*	*	*	*	*	*
	JAZIRAT HALUL						
D9206.26	Renumbered; was previously D7379						
	- Oil Loading Terminal. <i>SBM No 1</i>	25 38.81 N 52 26.39 E	Mo(U)W 20s	..	..	..	Floating Hose strings extend to a radius of 300m
*	*	*	*	*	*	*	*
D9206.27	Renumbered; was previously D7379.2						
	- - <i>SBM No 2</i>	25 38.51 N 52 27.65 E	Mo(U)W 20s	..	..	..	Floating hose strings extend to a radius of 300m
*	*	*	*	*	*	*	*
	DALMA OILFIELD						
D9241.55	Renumbered; was previously D7368.8						
	- Jazirat Dalma. Northward	24 37.20 N 52 20.41 E	Lit	..	..	..	Other installations, some marked by lights and fog signals, exist in this field
*							
F1622.5	- Arang	02 30.80 N 101 47.30 E	Fl(2)W 8s	18	18	Black 8 on black beacon, red band	
				*	*	*	*

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

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

NIL

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. 06 dated 16 Mar 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, inho@navy.gov.in
Fax No. : +91-135- 2748373
Web : www.hydrobharat.gov.in

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

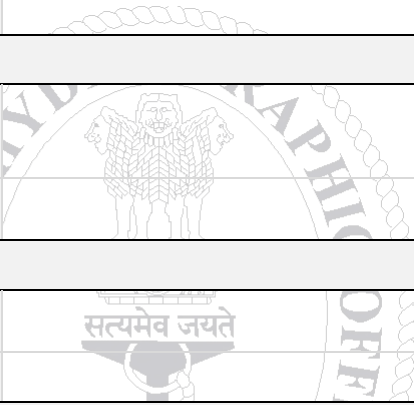

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further,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

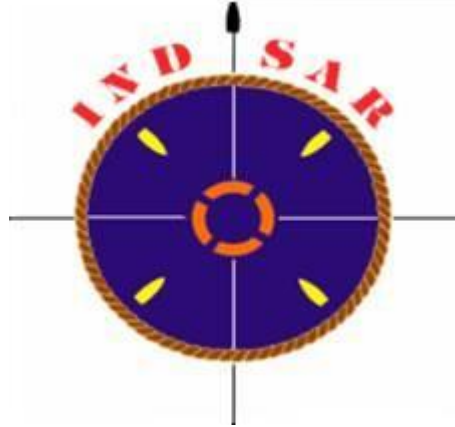


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object of Changes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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC