



INDIAN NOTICES TO MARINERS



EDITION NO. 10 DATED 16 MAY 2025

(CONTAINS NOTICES 074 TO 079)

REACH US 24 x 7



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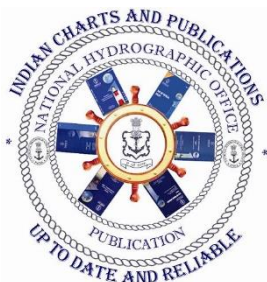
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

FEEDBACK: msis-inho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

New Updates

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

III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC's AND PUBLICATION

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

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

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

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

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

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

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

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

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN43002P	3002	APPROACHES TO VISAKHAPATNAM	09-05-2025
IN63012P	3012	VISAKHAPATNAM HARBOUR	13-05-2025

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN43002P	3002	APPROACHES TO VISAKHAPATNAM	31-03-2023
IN63012P	3012	VISAKHAPATNAM HARBOUR	25-06-2020

7. The forthcoming Indian Charts is as follows:-

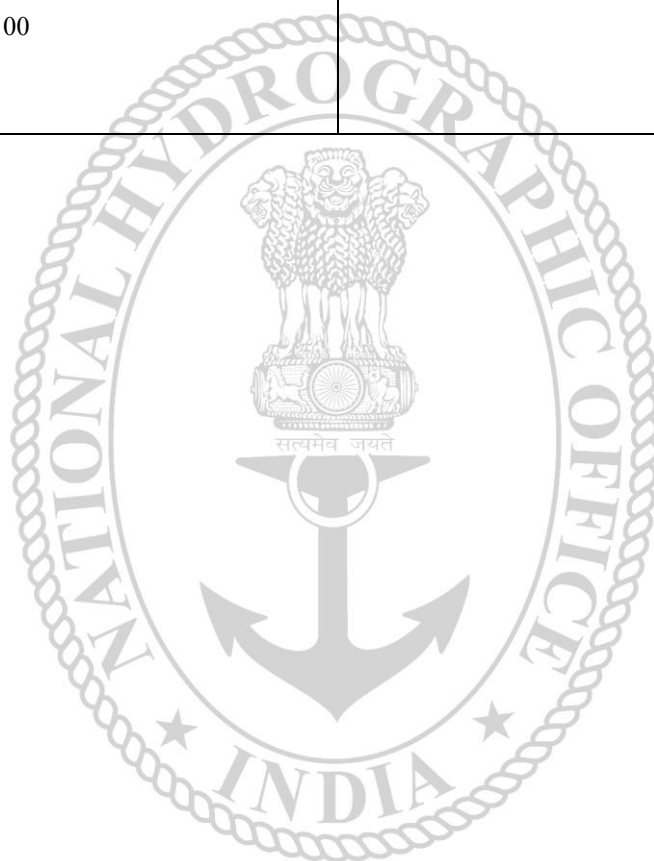
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2013 INT (7324)	PORT OF OKHA	12,500	NEW EDITION
2061	PATHFINDER INLET	10,000	NEW CHART

VI

Availability of ENC's

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

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	



SECTION – I

The list of charts affected by the Notices 074 to 079 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	078 (T), 079 (T)
22 (INT 752)	3	076, 079 (T)
31 (INT 756)	5	078 (T)
32 (INT 754)	5	076, 078 (T)
33 (INT 755)	5	078 (T)
41 (INT 757)	6	078 (T)
202	2	075
203 (INT 7319)	2	075
204	2	075
222	4	076
251 (INT 7318)	2	075
252 (INT 7325)	2	075
260 (INT 7362)	4	076
261 (INT 7363)	4	076
268 (INT 7353)	4	079 (T)
271	2	075
273	4	079 (T)
291	2	078 (T)
292 (INT 7021)	2	079 (T)
293 (INT 7022)	3	079 (T)
294 (INT 7023)	4	079 (T)
295 (INT 7024)	4	079 (T)
315	5	078 (T)
316	5	078 (T)
358 (INT 7394)	5	078 (T)
2031 (INT 7326)	2	075
2047	4	079 (T)
2060 (INT 7332)	2	075
2068	2	075
2079 (INT 7329)	2	075
2080	2	075
2100 (INT 7344)	2	077
3002 (INT 7410)	5	074
3012 (INT 7411)	5	074
7070 (INT 70)	1	078 (T)
7071 (INT 71)	1	078 (T), 079 (T)
7072 (INT 72)	1	078 (T), 079 (T)
7073 (INT 73)	1	078 (T), 079 (T)
7508 (INT 503)	1	078 (T)
7701 (INT 701)	1	078 (T)
7702 (INT 702)	1	078 (T)
7703 (INT 703)	1	078 (T), 079 (T)
7705 (INT 705)	1	079 (T)
7706 (INT 706)	1	078 (T), 079 (T)

7707 (INT 707)	1	078 (T), 079 (T)
7708 (INT 708)	1	078 (T)



SECTION – II**PERMANENT NOTICES*****074(10/25) INDIA – EAST COAST – Visakhapatnam Harbour – Accompanying Block.**

Source: NHO Dehradun.

Chart 3012 (INT 7411) [*NE 15 Jun 2020*]

Insert accompanying block, centered on;

17° 41'·38N., 083° 18'·12E.

Chart 3002 (INT 7410) [*previous update 100/22*]

Insert accompanying block, centered on;

17° 41'·23N., 083° 18'·82E.

***075 (10/25) INDIA WEST COAST – Gulf of Kachchh – TSS (see Note), TSS Cautionary Note, Legend.**

Source: DG Shipping, Mumbai.

Chart 203 (INT 7319) [*previous update 103/24*]

Insert legend, 'TSS (see Note)' centered on;

22°27'.18N., 068°51'.51E

22°38'.04N., 069°01'.77E

22°36'.55N., 069°13'.41E

22°37'.48N., 069°34'.96E

22°36'.69N., 069°40'.97E

22°45'.80N., 068°53'.77E

legend, 'TSS Cautionary Note' centered on;

22°54'.72N., 069°20'.72E

Delete legend, 'DW (see Note) Note' centered on;

22°26'.96N., 068°51'.93E

22°38'.00N., 069°01'.79E

22°36'.58N., 069°13'.33E

22°36'.50N., 069°23'.76E

22°37'.35N., 069°34'.92E

Chart 2068 [*previous update 103/24*]

Insert legend, 'TSS (see Note)' centered on;

22°43'.40N., 068°58'.55E

22°36'.08N., 068°56'.29E

22°36'.71N., 069°14'.00E

22°36'.85N., 069°23'.66E

22°37'.38N., 069°34'.83E

22°36'.49N., 069°41'.64E

legend, 'TSS Cautionary Note' centered on;

22°42'.73N., 069°02'.38E

Delete legend, 'DW (see Note) Note' centered on;

22°35'.69N., 068°56'.87E

22°38'.05N., 069°02'.99E

22°36'.43N., 069°13'.80E

22°35'.16N., 069°18'.31E

22°36'.63N., 069°23'.91E

22°37'.98N., 069°29'.61E

22°36'.35N., 069°39'.49E

Chart 202 [previous update 069/23]**Insert** legend, 'TSS (see Note)' centered on;

22°46'.51N., 068°52'.55E

22°12'.24N., 068°46'.84E

22°31'.43N., 068°53'.51E

legend, 'TSS Cautionary Note' centered on;

23°11'.22N., 068°46'.85E

Chart 204 [previous update 134/24]**Insert** legend, 'TSS (see Note)' centered on;

22°12'.46N., 068°46'.78E

legend, 'TSS Cautionary Note' centered on;

22°09'.72N., 069°23'.58E

Chart 252 [previous update 134/24]**Insert** legend, 'TSS (see Note)' centered on;

22°27'.49N., 068°52'.08E

22°14'.53N., 068°46'.67E

legend, 'TSS Cautionary Note' centered on;

21°37'.27N., 070°17'.52E

Chart 271 [previous update 124/23]**Insert** legend, 'TSS (see Note)' centered on;

22°25'.37N., 068°51'.02E

22°47'.48N., 068°50'.07E

legend, 'TSS Cautionary Note' centered on;

21°26'.45N., 065°21'.75E

Chart 251 (INT 7318) [previous update 069/23]**Insert** legend, 'TSS (see Note)' centered on;

22°37'.84N., 069°02'.40E

22°28'.85N., 068°52'.62E

22°45'.74N., 068°55'.45E

legend, 'TSS Cautionary Note' centered on;

23°34'.40N., 068°41'.38E

Chart 2060 (INT 7332) [previous update 103/24]**Insert** legend, 'TSS (see Note)' centered on;

22°37'.45N., 069°34'.50E

22°36'.45N., 069°40'.62E

legend, 'TSS Cautionary Note' centered on;

22°34'.27N., 069°41'.95E

Delete legend, 'DW Cautionary Note' centered on;

22°34'.27N., 069°41'.92E

Chart 2079 (INT 7329) [previous update 070/25]**Insert** legend, 'TSS (see Note)' centered on;

22°37'.35N., 069°34'.90E

22°36'.54N., 069°42'.00E

legend, 'TSS Cautionary Note' centered on;

22°46'.94N., 069°34'.74E

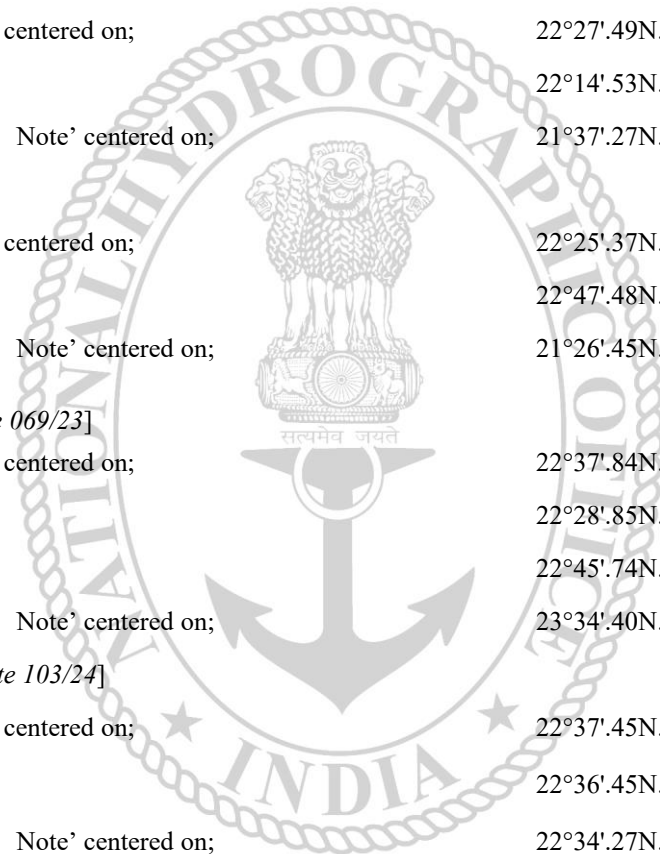


Chart 2080 [previous update 172/23]

Insert	legend, 'TSS (see Note)' centered on;	22°36'.53N., 069°42'.07E
	legend, 'TSS Cautionary Note' centered on;	22°38'.87N., 070°18'.15E

***076 (10/25) INDIA WEST COAST – Kollam (Quilon) to Kolachel – light, Wreck.**

Source: IH 102 – INS Sarvekshak.

Chart 222 [previous update 071/25]


Amend	characteristics of light to, "Areo AI.WG 2s 15m,20M", centered on;	08° 28'·78N., 076° 55'·14E.
Insert		08° 33'·02N., 076° 51'·09E.

Chart 260 (INT 7362) [previous update 109/24]


Amend	characteristics of light to, "Areo AI.WG 2s 15m,20M", centered on;	08° 28'·78N., 076° 55'·14E .
Insert		08° 33'·02N., 076° 51'·09E.

Chart 261 (INT 7363) [previous update 109/24]

Amend	characteristics of light to, "Areo AI.WG 2s 15m,20M", centered on;	08° 28'·78N., 076° 55'·14E
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Chart 22 (INT 752) [previous update 062/25]

Insert		08° 33'·02N., 076° 51'·09E.
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Chart 32 (INT 754) [previous update 097/24]

Insert		08° 33'·02N., 076° 51'·09E.
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077 (10/25) INDIA – WEST COAST – Gulf of Khambhat – Approaches to Port Pipavav – Legend.

Source: APM Terminals Pipavav.

Chart 2100 (INT 7344) [previous update 123/24]

Replace	'Dredged to 15,0m (2021)' with 'Dredged to 15,5m (2023)', centered on;	20° 55'·25N., 071° 30'·85E.
	'Dredged to 12,0m (2021)' with 'Dredged to 13,0m (2023)', centered on;	20° 55'·36N., 071° 31'·00E.

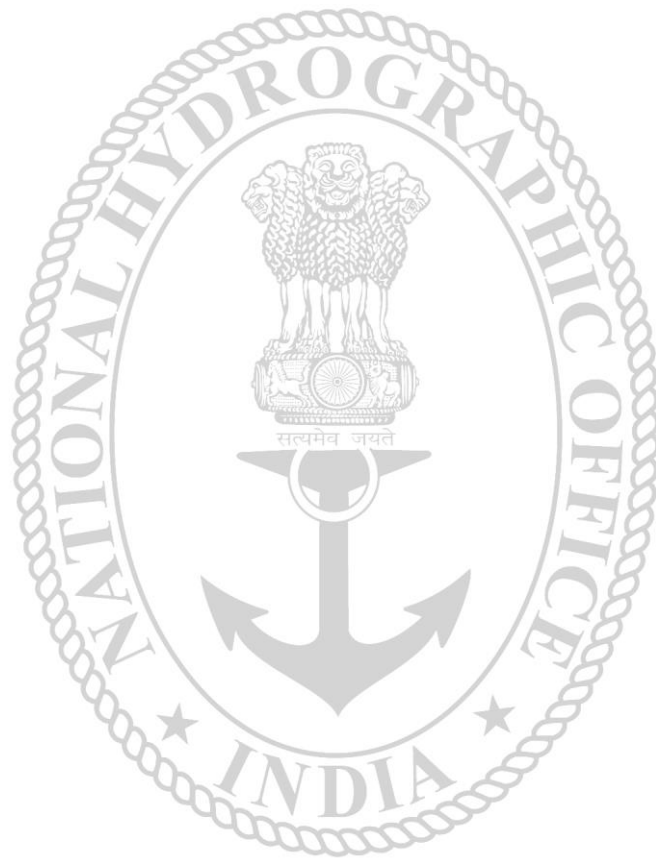
Section – III**TEMPORARY AND PRELIMINARY NOTICES**

1. It is brought to the information to the users that same or all information contained in this Temporary Notices to mariner may have been included in the relevant ENC's.
2. New TPNMs are now part of ENC updates from 01 Oct 22 onwards.
3. All in force Temporary and Preliminary Notices are available for visualisation along with details of affected Charts and ENCs for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.

*078 (T) (10/25) INDIAN OCEAN - NORTHERN PART - RAMA Buoys.	
Source: NOAA.	
1. The research moored array of African - Asian - Australian Monsoon analysis and prediction (RAMA) buoys laid in following positions:-	
Buoy No./Name	Position
RA193A	15° 02'.90N., 088° 59'.60E
RA194A	08° 03'.30N., 088° 56'.00E
RA184A	00° 00'.00N., 089° 57'.60E
RA186A	00° 11'.30N., 080° 25'.10E
RA187A	01° 30'.30S., 080° 33'.60E
RA192A	07° 55'.70N., 067° 07'.30E
RA191A	03° 59'.50N., 066° 59'.50E
RA182A	02° 15'.80N., 072° 56'.00E
RA190A	01° 42'.80N., 066° 42'.60E
RA188A	01° 34'.30S., 066° 59'.30E
RA177A	05° 48'.80S., 055° 22'.30E
RA178A	13° 11'.60S., 040° 33'.40E
RT044	12° 00'.40N., 088° 30'.00E
RT046	04° 04'.10S., 080° 31'.90E
RT045	07° 59'.50S., 080° 29'.30E
RT028	11° 50'.50S., 080° 18'.80E
RT047	03° 54'.90S., 064° 59'.00E
RT048	08° 06'.60S., 065° 03'.90E
RT049	12° 00'.30S., 064° 58'.20E
2. All Highlighted Buoys reflects changes in position of respective buoys from previous Notice.	
3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the moored buoys.	
4. All positions are in WGS 84 datum.	
Charts Affected - 21 - 31 (INT 756) - 32 (INT 754) - 33 (INT 755) – 41 (INT 757) - 291 - 315 - 316- 358 (INT 7394) - 7070 (INT 70) - 7071 (INT 71) - 7072 (INT 72) - 7073 (INT 73) - 7508 (INT 508) – 7701 (INT 701) - 7702 (INT 702) - 7703 (INT 703) - 7706 (INT 706) - 7707 (INT 707) - 7708 (INT 708).	
Former INTM 069 (T)/25 is cancelled.	

*079 (T) (10/25) INDIA – WEST COAST – Arabian Sea – Data Buoys and Tsunami Buoys.	
Source: NIOT, Chennai.	
1. Following yellow color 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
AD06/OB	18° 13'·16N., 067° 31'·81E
AD07/OB	14° 55'·48N., 068° 58'·10E
AD08/OB	09° 28'·58N., 068° 51'·21E
AD09/OB	08° 07'·46N., 073° 15'·75E
AD10/OB	10° 18'·80N., 072° 35'·38E
CALVAL/MB	10° 35'·65N., 072° 16'·30E
CB02/CB	10° 52'·75N., 072° 12'·87E
STBO2/TB	20° 42'·10N., 065° 19'·00E
TB12/TB	19° 53'·40N., 066° 59'·55E

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.
Charts Affected – 21 – 22 (INT 752) – 268 (INT 7353) – 273 – 292 (INT 7021) – 293 (INT 7022) – 294 (INT 7023) – 295 (INT 7024) – 2047 – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7703 (INT 703) - 7705 (INT 705) – 7706 (INT 706) – 7707 (INT 707).	
<i>Former INTM 046 (T)/25 is cancelled.</i>	



SECTION – IV

MARINE INFORMATION

1. NAVTEX TRANSMISSION

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

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

NAVTEX stations along the Indian coast:-

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. Any suspicious activity of skiffs/ boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

3. DISPLAY ANOMALIES IN ECDIS

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

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

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

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

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

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

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

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

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

(aa) Merchant ships may install and keep the Iridium equipment active in Indian Territorial waters, provided the equipment is registered and certified as per the prevailing rules of the Flag of the ship and is used only on board ship and the portable Iridium sets may not be carried onto Indian Land Territory.

(ab) Iridium Satellite equipment shall be used in GMDSS exclusively for Maritime Radio communications relating to Distress and Safety, Search and Rescue and for receiving Maritime Safety Information (MSI) from ship's fixed installations only.

(ac) The ships transiting or visiting in Indian waters shall continue to declare IMEI number of the equipment in the Pre-Arrival Notification on Security (PANS).

(b) The ship-owners, ship-masters and ship-agents shall mandatorily require to declare details of such satellite phones prior arrival into Indian Waters through the Pre-Arrival Notification on Security (PANS) systems.

(c) The unauthorized usage of Thuraya, Iridium and other such Satellite equipment shall be prosecuted under Section-6 of Indian Wireless Act and Section-20 of Indian Telegraph Act.

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

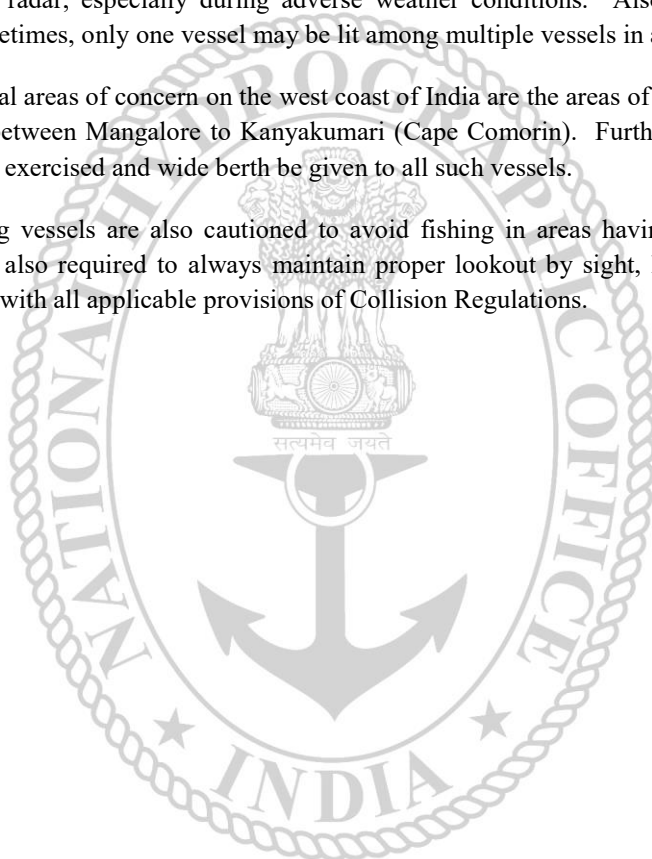
(e) This DGS Order No. 09 of 2023 is to be referred for detailed information on this subject.

7. **CAUTIONARY NOTE**

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

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

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



List of Indian Chart Agents

M/s Lift o Marine Allen's Mansion, C6 Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: +91 33 24924283 Email: sankar@liftomarine.org , liftomarine77@gmail.com Web: www.liftomarine.org	M/s Global Charts & Nav. Aids Pvt. Limited 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: sales@globalcharts.in Web: www.globalcharts.com.sg
M/s L. R. Marine Services 301, 3rd Floor, Birya House, 265, Perin Nariman Street Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Mob : +91 8108926880/ +91 98214 60258 Email: lcharts@gmail.com , lrmarine@live.com	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@smsmaps.com Web: www.smsmaps.co.in
M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road Mumbai – 400 009 Tel: +91 22 23736756 Fax: 022 - 23725083 Cell: +91 9820788357 Email : charts@mtnl.net.in , jmms@mtnl.net.in	M/s VDO Marine Insrtuments PO Bag No – 645, 45/271 Corner of Bristow & Naval Road, Willington Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in
M/s CNC Office No. S-12-92, Haware's Centurion Premises Cop, Soc. Ltd Plot no 88-91 Sector 19, Nerul Navi Mumbai – 400706 Web: emariner.net	

SECTION – V

NAVAREA – VIII WARNINGS IN FORCE.

1. All in force NAVAREA and NAVTEX messages are available for visualisation along with details of affected Charts and ENC's for Mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.
2. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2024.
3. NAVAREA VIII Warnings in force as on 16 May 25: -

2023 SERIES -	161	386	484	574	703	733	748	750	929	1046	1057										
2024 SERIES -	180	188	215	317	539	550	584	600	604	669	691	707	709	791	817	843	947	958	1063		
	1089	1111																			
2025 SERIES -	015	063	091	093	106	146	150	233	237	272	273	275	280	294	302	311	317	319	320		
	326	333	334	346	348	350	355	358	369	370	374	379	388	391	395	398	402	406	407	410	411
	413	420	422	424	425	426	429	437	438	439	441	442	448	454	455	459	460	461	462	463	464
	466	467	468	470	471	472	473	474	475	476	477										

4. NAVAREA VIII Warnings issued during the period from 01 May 25 to 15 May 25 (both dates inclusive) are as tabulated below: -

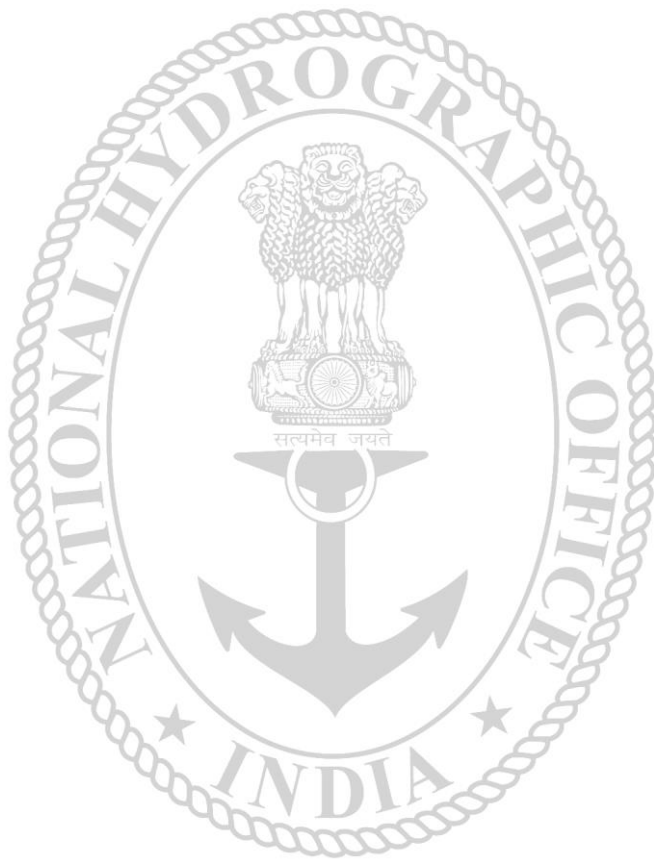
419. India East Coast - off Balasore. Charts IN 31 351 7706 INT 706. Firing by IAF aircraft scheduled 01 to 03 May and 05 to 10 May 25 from 0631 to 0859 UTC in danger areas bounded by (a) 20-57N 086-54E (b) 21-00.39N 087-02.85E (c) 21-13N 087-23E (d) 21-31N 087-42E (e) 21-41N 087-45E. Danger area extending up to coastline joining point a and e. Wide berth from area advised. 2. Cancel this MSG 100959 UTC May 25.
420. India East Coast - off Karaikal. Charts IN 32 357 INT 7397. Kalimman thunai progressing survey in area bounded by 11-11.41N 079-51.35E, 11-07.16N 079-51.63E, 11-07.27N 080-00.79E, 11-15.04N 080-00.84E, 11-14.88N 079-50.93E. Wide berth of 02 NM requested. 2. Cancel this MSG 311830 UTC May 25.
421. India West Coast - off Karwar. Charts IN 22 294 INT 7023. Surface, subsurface and aerial firing scheduled from 010630 to 051829 UTC May 25 in danger area bounded within 14-13N to 15-03N and 071-53E to 072-44E. Wide berth from area advised. 2. Cancel this MSG 051929 UTC May 25.
422. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7325. Firing by CG aircraft scheduled 06, 07, 13, 14, 20, 21, 27 and 28 May 25 from 0330 to 0830 UTC in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised. 2. Cancel this MSG 280930 UTC May 25.
423. India West Coast - off Mumbai and Jaigarh. Charts IN 21 212 255 293 INT 7022. Hydrographic survey will be carried out from 04 to 09 May 25 in areas bounded by (a) 18-20N 070-25E, 18-25N 070-25E, 18-25N 070-30E, 18-20N 070-30E (b) 17-21.70N 073-13.30E, 17-20.55N 073-13.30E, 17-20.55N 073-11E, 17-16.40N 073-11E, 17-16.40N 073-13E, 17-14.90N 073-14E, 17-14.90N 073-06.90E, 17-21.70N 073-06.90E (c) 17-20.55N 073-11E, 17-16.40N 073-11E, 17-16.40N 073-15E, 17-20.55N 073-15E. Wide berth requested. 2. Cancel this MSG 091830 UTC May 25.
424. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Triton energy, Aqua float, Tug ivy, Dhp shivalik, Iron tug, Shakti and Leighton eclipse will carry out pipeline survey from 03 to 31 May 25 in vicinity of 19-10.37N 071-59.07E, 19-12.51N 072-02.24E, 18-47.70N 071-16.02E, 19-16.75N 071-25.64E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 25.
425. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Seamec princess progressing pipeline survey in vicinity of 19-34.40N 071-21.60E, 19-31.77N 071-18.07E, 19-20.96N 071-18.09E, 19-20.05N 072-01.20E, 20-36.02N 072-02.23E, 19-12.74N 072-06.69E, 19-05.31N 072-06.85E. Wide berth requested. 2. Cancel this MSG 301830 UTC Jun 25.
426. India West Coast - off Mumbai to Daman. Charts IN 21 255 292 INT 7021. Vanessa 7 progressing survey in vicinity of 18-31.94N 072-15.23E, 19-46.30N 071-33.29E, 20-34.68N 072-13.67E, 19-20.13N 071-52.99E, 19-40.50N 071-40.22E, 20-11.53N 071-52.26E, 20-20.17N 072-01.35E, 19-01.12N 071-27.31E, 19-13.92N 071-06.47E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 25.

<p>427. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7021. Cs niwa will carry out cable repairs from 05 to 21 May 25 in area bounded by 18-53.07N 072-22.83E, 18-52.10N 072-23.52E, 18-54.74N 072-27.12E, 18-53.99N 072-28.18E, 18-57.52N 072-30.71E, 18-58.24N 072-29.63E. Wide berth requested.</p> <p>2. Cancel this MSG 211830 UTC May 25.</p>
<p>428. India East Coast - Balasore. Charts IN 31 351 INT 7419. Balasore NAVTEX transmitter (21-29.18N 086-55.01E) inoperative.</p>
<p>429. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Sea challenger (19-46.29N 071-33.29E). Wide Berth Requested.</p>
<p>430. Cancel NAVAREA VIII MSG 224/25, 240/25, 246/25, 247/25, 257/25, 301/25, 323/25, 349/25 and this MSG. INTM 072(T) of 09/25 refers.</p>
<p>431. NAVAREA VIII - Warnings in force as on 02 May 2025. 2023 Series - 161 386 484 574 703 733 748 750 929 1046 1057 2024 Series - 180 188 215 317 539 550 584 600 604 669 691 707 709 791 817 843 947 958 1063 1089 1111 2025 Series - 015 063 091 093 106 146 150 233 237 272 273 275 280 294 302 311 317 319 320 326 333 334 346 348 350 355 357 358 369 370 374 379 387 388 391 392 395 398 402 403 406 407 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 (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 091000 UTC May 25.</p>
<p>432. India West Coast - off Karwar. Charts IN 22 257 294 INT 7023. Surface and subsurface firing by IN ships and aircraft scheduled from 021831 to 061829 UTC May 25 in danger area bounded by 15-16N 073-08E, 15-22N 073-37E, 14-22N 074-00E, 14-16N 073-32E. Wide berth from area advised. 2. Cancel this MSG 061929 UTC May 25.</p>
<p>433. India East Coast - off Visakhapatnam. Charts IN 31 354 7706 INT 706. Firing scheduled 05 and 06 May 25 from 0030 to 0830 UTC in danger area bounded by 17-08.50N 083-31.20E, 17-08.50N 083-52.20E, 16-48.50N 083-52.20E, 16-48.20N 083-31.40E. Wide berth from area advised. 2. Cancel this MSG 060930 UTC May 25.</p>
<p>434. India West Coast - off Karwar. Charts IN 22 294 7706 INT 706. Surface and subsurface firing by IN ships and aircraft scheduled from 031230 to 061230 UTC May 25 in danger area bounded within 14-16N to 14-57N and 070-50E to 071-42E. Wide berth from area advised. 2. Cancel this MSG 061330 UTC May 25.</p>
<p>435. India West Coast - off Porbandar. Charts IN 21 292 7073 INT 73. Surface and subsurface firing by IN ships and aircraft scheduled from 031831 to 071829 UTC May 25 in danger area bounded by 22-06N 068-45E, 21-02N 069-17E, 20-46N 068-25E, 21-52N 067-53E. Wide berth from area advised. 2. Cancel this MSG 071929 UTC May 25.</p>
<p>436. India West Coast - off Okha. Charts IN 21 251 271 7705 INT 705. Surface, subsurface and aerial firing scheduled from 031831 to 071829 UTC May 25 in danger area bounded by 22-44N 067-53E, 22-44N 068-22E, 22-16N 068-33E, 22-14N 067-39E. Wide berth from area advised. 2. Cancel this MSG 071929 UTC May 25.</p>
<p>437. Indian Ocean - off Maldives. Charts IN 7071 7707 INT 707. Srilankan fishing vessel reported fire onboard and partially submerged in approximate position 00-18N 077-00E at 031230 UTC May 25. Crew rescued.</p>
<p>438. Andaman Sea - off Middle Andaman I. Charts IN 41 473 7706 INT 706. Firing by aircraft scheduled 08, 13, 20 and 27 May 25 from 0830 to 1030 UTC in danger area bounded within 12-50N to 13-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 271130 UTC May 25.</p>
<p>439. Andaman Sea - off South Andaman I. Charts IN 41 404 473 INT 7031. Firing by aircraft scheduled 07, 14, 21 and 28 May 25 from 0430 to 0630 UTC in danger area bounded by 11-40N 092-27E, 11-43N 092-16E, 11-52N 092-19E, 11-48N 092-29E. Wide berth from area advised. 2. Cancel this MSG 280730 UTC May 25.</p>
<p>440. India West Coast - off Mormugao. Charts IN 22 293 294 7705 INT 705. Firing scheduled from 070001 to 081530 UTC May 25 in danger area bounded by 16-04N 070-55E, 14-49.25N 073-20.65E, 13-54.93N 073-46.12E, 13-44N 073-18E, 14-00N 072-26E, 14-33N 071-26E, 15-15N 070-18E. Wide berth from area advised. 2. Cancel this MSG 081630 UTC May 25.</p>
<p>441. India West Coast - off Mumbai. Charts IN 21 255 INT 7334. Cs responder progressing cable laying operations along line joining 18-47.0N 072-03.9E, 18-33.3N 071-42.4E, 18-24.0N 071-27.8E, 18-18.9N 071-19.1E, 18-11.8N 071-04.2E, 18-04.7N 070-50.4E, 18-02.8N 070-46.5E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 25.</p>
<p>442. India West Coast. Charts IN 21 292 7071 INT 71. Rig move. Fg mc clintock (20-08.41N 071-53.16E), Trident II (19-30.58N 071-23.05E), Sagar gaurav (20-20.08N 072-11.29E). INTM 072(T) of 09/25 refers. Wide berth requested.</p>

443. India West Coast. Charts IN 207 254 7705 INT 705. Rig move. Victory driller (20-42.68N 071-38.10E) demobilised 2. Cancel this MSG 061000 UTC May 25.
444. Cancel NAVAREA VIII MSG 357/25 and this MSG.
445. India West Coast - off Okha. Charts IN 21 251 271 7705 INT 705. Surface and subsurface firing being progressed in danger area bounded by 22-43N 068-22E, 22-44N 067-34E, 22-23N 067-28E, 22-16N 068-33E. Wide berth from area advised. 2. Cancel this MSG 081929 UTC May 25.
446. Andaman Sea - Campbell Bay. Charts IN 41 409 472 7073 INT 73. DGPS (07-00.50N 093-56.20E) transmission switched off for maintenance. 2. Cancel this MSG 061230 UTC May 25.
447. Lakshadweep Sea - off Androth I. Charts IN 22 268 2007 INT 7353. Firing scheduled from 090200 to 090730 UTC May 25 in danger area bounded within 10-46.42N TO 10-49.18N AND 073-42.00E TO 073-44.48E. Wide berth from area advised. 2. Cancel this MSG 090830 UTC May 25.
448. India West Coast. Charts IN 21 255 292 7071 INT 71. Rig move. Ron tappmeyer (18-31.94N 072-15.24E), Vivekanand 1 (19-15.42N 071-24.72E), Jindal explorer (18-35.99N 071-00.22E), Sagar shakti (19-01.12N 071-27.30E). INTM 072(T) of 09/25 refers. Wide berth requested.
449. India West Coast - off Dabhol. Charts IN 22 293 7705 INT 705. Surface, subsurface and aerial firing scheduled from 061831 to 101829 UTC May 25 in danger area bounded by 18-15N 071-04E, 18-15N 070-11E, 17-20N 069-48E, 17-19N 071-33E. Wide berth from area advised. 2. Cancel this MSG 101929 UTC May 25.
450. India West Coast - off Veraval. Charts IN 22 292 7705 INT 705. Surface, subsurface and aerial firing scheduled from 061829 to 101829 UTC May 25 in danger area bounded within 19-24N to 20-14N and 069-50E to 070-44E. Wide berth from area advised. 2. Cancel this MSG 101929 UTC May 25.
451. Bay of Bengal - off Bangladesh. Charts IN 31 BA 90 817 INT 756. Firing by Bangladesh airforce being progressed in danger area bounded within 21-25N to 21-51N and 091-23E to 091-40E. Wide berth from area advised. 2. Cancel this MSG 101200 UTC May 25.
452. India East Coast - off Kakinada. Charts IN 31 354 7706 INT 706. Firing scheduled from 090330 to 090730 UTC May 25 in danger area bounded within 16-45N to 17-06N and 083-16E to 083-37E. Wide berth from area advised. 2. Cancel this MSG 090830 UTC May 25.
453. Andaman Sea - off Sri Vijaya Puram. Charts IN 405 473 4016 INT 7031. Firing scheduled 13 and 14 May 25 from 1000 to 1200 UTC in danger area bounded by 11-40.80N 092-45.90E, 11-38.13N 093-00.70E, 11-30.65N 092-56.90E, 11-26.33N 092-50.27E. Wide berth from area advised. 2. Cancel this MSG 141300 UTC May 25.
454. India West Coast - off Kochi. Charts IN 22 220 260 INT 7362. Firing by aircraft scheduled 13 to 16 May 25 from 0300 to 1130 UTC in danger area bounded by 09-50N 076-08E, 09-55N 076-06E, 09-54.03N 076-01.01E, 09-46.52N 076-03.30E. Wide berth from area advised. 2. Cancel this MSG 161230 UTC May 25.
455. India West Coast - off Mormugao and Karwar. Charts IN 22 257 293 7706 INT 706. Hydrographic survey will be carried out from 12 to 26 May 25 in areas bounded by (a) 15-56.55N 072-41E, 15-56.55N 072-45.60E, 15-50N 072-45.60E, 15-50N 073-05E, 15-42.55N 073-05E, 15-42.55N 073-14E, 15-33N 073-14E, 15-33N 073-22E, 15-16.20N 073-22E, 15-16.20N 073-55E, 15-13.25N 073-55.75E, 15-13.25N 073-47.30E, 15-04.70N 073-47.30E, 15-04.70N 072-41E (b) 14-30N 073-10E, 14-25.50N 073-11.50E, 14-24N 073-06.50E, 14-29N 073-05E. Wide berth requested. 2. Cancel this MSG 261830 UTC May 25.
456. India West Coast - off Mormugao. Charts IN 22 7706 INT 706. Surface and subsurface firing by IN ships and aircraft scheduled from 081831 to 131829 UTC May 25 in danger area bounded by 15-28N 073-37E, 14-13N 074-07E, 13-47N 072-38E, 15-02N 072-07E. Wide berth from area advised. 2. Cancel this MSG 131929 UTC May 25.
457. India West Coast – off Dwarka. Charts IN 21 7705 INT 705. Surface and subsurface firing by IN ships and aircraft scheduled from 081831 to 131829 UTC May 25 in danger area bounded by 22-48N 067-58E, 21-24N 068-30E, 21-04N 067-30E, 21-48N 067-14E, 22-41N 067-56E. Wide berth from area advised. 2. Cancel this MSG 131929 UTC May 25.
458. India West Coast - off Veraval. Charts IN 21 292 7705 INT 705. Surface and subsurface firing by IN ships and aircraft scheduled from 091230 to 121230 UTC May 25 in danger area bounded within 19-20N to 20-19N and 068-38E to 069-43E. Wide berth from area advised. 2. Cancel this MSG 121330 UTC May 25.
459. India West Coast - off Mumbai and Daman. Charts IN 21 7706 INT 706. Orion laxmi will carry out pipeline replacement from 13 to 31 May 25 in vicinity of 19-31.81N 071-18.07E, 18-34.53N 072-16.75E, 19-05.35N 072-06.88E, 20-02.96N 071-45.71E. Wide berth requested. 2. Cancel this MSG 311830 UTC May 25.

<p>460. Andaman Sea - off Myanmar. Charts IN 31 BA 823 7073 INT 73. Survey will be carried out from 13 to 31 May 25 in vicinity of 15-02.61N 094-05.67E. Wide berth of 02 nm requested.</p> <p>2. Cancel this MSG 311830 UTC May 25.</p>
<p>461. India West Coast. Charts IN 21 255 292 INT 7021. Rig move. Compact driller (19-05.35N 072-06.88E). INTM 072(T) of 09/25 refers. Wide berth requested.</p>
<p>462. NAVAREA VIII - Warnings in force as on 09 May 2025.</p> <p>2023 Series - 161 386 484 574 703 733 748 750 929 1046 1057</p> <p>2024 Series - 180 188 215 317 539 550 584 600 604 669 691 707 709 791 817 843 947 958 1063 1089 1111</p> <p>2025 Series - 015 063 091 093 106 146 150 233 237 272 273 275 280 294 302 311 317 319 320 326 333 334 346 348 350 355 358 369 370 374 379 388 391 392 395 398 402 406 407 410 411 412 413 419 420 422 424 425 426 427 428 429 437 438 439 441 442 448 449 450 451 453 454 455 456 457 458 459 460 461</p> <p>(a) NAVAREA VIII warnings less than 42 days promulgated via safetynet.</p> <p>(b) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in.</p> <p>2. Cancel this MSG 161000 UTC May 25.</p>
<p>463. India East Coast - off Gopalpur. Charts IN 31 305 353 INT 7413. Army air defence firing scheduled from 14 to 17 May and 20 to 25 May from 0130 to 1430 UTC May 25 in danger area bounded by (a) 19-14.60N 084-53.70E (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.</p> <p>2. Cancel this MSG 251530 UTC May 25.</p>
<p>464. India West Coast - Okha. Charts IN 21 203 292 INT 7021. Firing scheduled from 160530 to 160730 UTC May 25 in danger area bounded by 22-39.40N 069-09.32E, 22-28.45N 069-17.00E, 22-28.45N 068-51.05E, 22-35.39N 068-53.25E. Wide berth from area advised.</p> <p>2. Cancel this MSG 160830 UTC May 25.</p>
<p>465. India East Coast - off Chennai. Charts IN 32 356 391 INT 7400. Firing by CG aircraft scheduled 16 and 30 May 25 from 0130 to 1130 UTC in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E. Wide berth from area advised.</p> <p>2. Cancel this MSG 301230 UTC May 25.</p>
<p>466. India East Coast - off Balasore. Charts IN 31 351 7706 INT 756. Experimental flight trials scheduled 15 to 17 May and 19 to 20 May 25 from 0430 to 0630 UTC and 0900 to 1100 UTC in danger area bounded by 21-14.92N 086-48.63E, 19-45.78N 087-48.07E, 21-02.72N 088-52.75E, 21-28.55N 087-59.30E, 21-35.58N 087-10.70E. Wide berth from area advised.</p> <p>2. Cancel this MSG 201200 UTC May 25.</p>
<p>467. India West Coast - off Vengurla. Charts IN 22 293 7073 INT 73. Surface and subsurface firing by IN ships and aircraft scheduled from 130930 to 170930 UTC May 25 in danger area bounded by 16-40N 070-48E, 14-52N 071-00E, 15-07N 073-00E, 16-51N 072-47E. Wide berth from area advised.</p> <p>2. Cancel this MSG 171030 UTC May 25.</p>
<p>468. India West Coast - off Mumbai. Charts IN 21 211 255 7706 INT 706. Cs niwa will carry out cable repairs from 14 to 26 May 25 in area bounded by 19-03.57N 072-40.27E, 18-58.90N 072-30.23E, 18-54.79N 072-26.79E, 18-53.58N 072-27.98E, 18-57.44N 072-31.13E, 19-02.19N 072-40.98E. Wide berth requested.</p> <p>2. Cancel NAVAREA VIII MSG 427/25 and this MSG 261830 UTC May 25</p>
<p>469. Cancel NAVAREA VIII MSG 428/25 and this MSG.</p>
<p>470. Indian Ocean - off Somalia. Charts IN 7071 7701 7703 INT 703. Oruc reis with zaganos pasa, ataman and sancar will carry out seismic survey from 16 May to 30 Jun 25 in areas bounded by (a) 03-23.38N 048-25.29E, 04-21.63N 049-15.95E, 04-24.73N 049-11.46E, 03-27.20N 048-21.46E (b) 04-26.37N 048-53.85E, 03-59.30N 049-33.07E, 04-41.41N 049-33.32E, 04-56.73N 049-10.91E. Wide berth of 5nm ahead, 4nm on each side and 8nm astern requested.</p> <p>2. Cancel this MSG 301830 UTC Jun 25.</p>
<p>471. Bay of Bengal. Charts IN 7073 7706 INT 706. SW BLY will carry out seismic survey from 16 to 31 May 25 in area bounded by 11-21.03N 084-01.47E, 13-59.00N 085-36.07E, 13-59.00N 090-05.59E, 10-59.65N 089-10.68E, 10-42.31N 087-52.88E. Wide berth of 02 nm requested.</p> <p>2. Cancel this MSG 311830 UTC May 25.</p>
<p>472. India West Coast - off Daman. Charts IN 21 254 292 INT 7021. Miclyn constructor 1 and saksham will carry out pipeline survey from 16 to 31 May 25 in vicinity of 20-36.02N 072-02.23E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC May 25.</p>
<p>473. India West Coast - off Mumbai. Charts IN 21 210 254 INT 7331. Lts 3000, Aht britoil 71 and Vallianz steadfast will carry out offshore installation works from 16 to 31 May 25 in vicinity of 20-02.96N 071-45.72E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC May 25</p>
<p>474. India West Coast. Charts IN 21 7706 INT 706. Rig move. Sagar kiran (19-50.70N 072-22.44E), Sagar bhushan (18-43.08N 072-28.08E). INTM 072(T) of 09/25 refers. Wide berth requested.</p>
<p>475. India West Coast - off Trivandrum. Charts IN 22 7706 INT 752. Firing scheduled 16 and 17 May 25 from 0430 to 1130 UTC in danger area bounded within 08-30N to 08-45N and 075-15E to 075-30E. Wide berth from area advised.</p>

2.	Cancel this MSG 171230 UTC May 25.
476.	India West Coast - off Vengurla. Charts IN 22 293 INT 7022. Surface and subsurface firing by IN ships and aircraft scheduled from 141430 to 171430 UTC May 25 in danger area bounded by 16-30N 069-50E, 16-40N 070-47E, 14-52N 071-00E, 14-41N 070-10E. Wide berth from area advised
2.	Cancel this MSG 171530 UTC May 25
477.	India West Coast - off Karwar. Charts IN 22 294 INT 7023. Surface and subsurface firing by IN ships and aircraft scheduled from 141430 to 171430 UTC May 25 in danger area bounded by 14-52N 071-00E, 15-06N 073-00E, 14-08N 073-10E, 13-46N 071-07E. Wide berth from area advised.



SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

West Coast of India Pilot (INP-1)

Chapter – 5 (Page 197)

(Source: IH 102A)

Article 5.23, Para 1, 2, 4 & 7, Delete and replace by:

1 Position. Kollam Port (08°52'.5N, 76°34'.8E), a minor port, lies about 4 mile SE of Neendakara Point in the bight lying close to SE of Tangasseri Point. The harbour is protected by two breakwater. Main breakwater extending about 2 km ESE from Tangasseri point and lee breakwater extending about 500 m SSW from the vicinity of old port office. Both breakwaters are marked with lights. A berth, 178 m in length, lies near lee breakwater close to harbour basin.

2 Function. The Kollam Port is an artificial harbour operated by Port Officer Kollam under Kerala Maritime Board. The principle activity and trade is handling of general cargo break bulk and container.

4 Maximum size of the vessel handled. The Port is capable of handling ships upto a maximum draught of 7.2m, 160 m in length and 10,000 dwt.

7 Pilotage. Pilotage is compulsory and will be provided by the Port Officer, Kollam. The pilot boards 0.5 mile SE of Main breakwater head in position 08°51'.77N, 76°35'.24E. *For details see Indian list of Radio Signals Volume 6.*

Article 5.26, Para 1, 2 & 3, Delete and replace by:

1 The wharf is of 178 m long and 12 m wide concrete piled jetty along the lay of the leeward breakwater capable of handling ships upto a draught of 5.7 m. The depth maintained alongside is 6.8 m. The wharf structure is designed for a draft of 10 m after dredging. Another wharf of length 101 m (passenger wharf) can accommodate ship of draught up to 4.5 m. Request for berthing is to be sent to Port Officer, Kollam.

2 Tugs. One tug (MT Malabar) with 10 MT bollard pull is available 24hrs. Tug will be available at the time of ship's arrival and can be requested from Port Officer Kollam on VHF.

3 Tidal levels. Mean maximum range 1.26 m; mean neap range about 0.20 m. For details see Indian Tide Tables.

Article 5.27, Para 1 & 9, Delete and replace by:

1 Port Facilities. The port has yard of eight godowns for storage of cargo. Two cranes of 42 and 25 tones capacity is available on cargo berth.

9 Port Authority. Port Officer, Kollam Port, Regional Port Office, Asramam, Kollam, Kerala- 691001.

Tel: +91 0474 2743825, 2762218

Mobile: +91 9969804875

Email: pokollam.port@kerala.gov.in

kollamportoffice@gmail.com

SECTION – VII

CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7083-96	Port Raiatea. Sainte Marie. E Breakwater. Ldg Lts 147°. Front	20 53-59 S 55 32-29 E	Q W	7	4	White square post	W142-5°-151-5°(9°) *
D7393-897	- Wakra Dock. Liquid Products Berths. W. JB17 *	25 55-08 N 51 37-22 E *	Q G 1s *	..	6 *	.. 4 *	fl 0-3 *
D7393-94	- New Service Berth 7. W Side. Jetty. JB15 *	25 55-29 N 51 35-77 E *	Q G 1s *	..	6 *	.. 4 *	fl 0-3 *
D7393-941	- New Service Berth 5. N Side. Jetty. JB14 *	25 55-39 N 51 35-70 E *	Q G 1s *	.. *	6 *	.. 4 *	fl 0-3 *
D7393-945	- New Service Berth 8. E Side. Jetty. JB16 *	25 55-34 N 51 35-85 E *	Q G 1s *	..	6 *	.. 4 *	fl 0-3 *
D7394	- Al-Khor Dock. Liquid Products Berth. W. JB7 *	25 55-46 N 51 36-55 E *	Q R 1s *	..	3 *	.. 4 *	fl 0-3 *
D7394-02	- Cargo Berths. 106 - 107. E Side. JB13 *	25 55-33 N 51 36-25 E *	Q G 1s *	..	6 *	.. 4 *	fl 0-3 *
D7394-03	- Cargo Berths. 106 -107. W Side. JB12 *	25 55-32 N 51 36-23 E *	Q G 1s *	..	6 *	.. 4 *	fl 0-3 *
D7394-11	- LNG 1	25 55-87 N 51 36-03 E *	Q Y 1s *	..	3 *	.. 4 *	fl 0-3 *
D7394-13	- Cargo Berth. 103. N Head. JB10 *	25 55-74 N 51 36-16 E *	Q R 1s *	..	6 *	.. 4 *	fl 0-3 *
D7742	Ormara	25 11-32 N 64 41-26 E *	Fl(2)W 20s	227	19	Grey metal framework tower on white base 8	..
F1175-2	- Khlong Tha Chin. Ldg Lts 000°. Front. A	07 52-63 N 98 24-93 E	Fl R 5s	12	11	White ◇ on white metal framework tower	fl 1 *
F1175-4	- Khlong Tha Chin. Ldg Lts 000°. Rear. B	07 52-71 N 98 24-93 E *	Iso W 4s	17	11 *	White ◇ on white metal framework tower *	..
F1558-77	- Lekir Bulk Terminal *	04 08-52 N 100 38-45 E *	Q(6)+LFI W 7s *	.. *	.. *	▽ on beacon *	.. *

SECTION – VIII



CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2024

(Last correction: Edition No. 07 dated 01 Apr 2025)



PAGE 06, BANGLADESH, CHITTAGONG MRSC

Delete entry and replace by:

CHITTAGONG MRSC		22°17'.15N 91°47'.45E
<div></div> <div>+880 31 470655 (Primary) +880 31 470391-9 Ext 4108 (PABX) (Primary) +880 31 470391-9 Ext 4109 (PABX) (Primary) +880 31 471642 (Secondary) +880 31 470391-9 Ext 4137 (PABX) (Secondary) +880 31 470400-9 Ext 6137 (PABX) (Secondary) +880 31 470400-9 Ext 4137 (PABX) (Secondary) Mobile: +880 1769721111 (Duty Officer) (Primary) +880 1769724107 (Staff Officer) (Primary) +880 1769724140 (Duty Staff) (Primary) +880 1769724131 (Staff Officer) (Secondary)</div> <div></div>	<div></div> <div>+880 31 471162 (Primary & Secondary) +880 31 470426 (Second ary)</div> <div></div>	
	Email: mrcctq@navymail.bd (Primary) Email: mrcctq@navymail.bd (Secondary)	

PAGE 07, BANGLADESH, DHAKA MRCC

Delete entry and replace by:



DHAKA MRCC		23°48'.20N 90°24'.22E
MMSI 405000236	DSC HF 4 6 8 12 & 16 MHz	
 +880 2 9036314 (Primary) +880 2 8871247 (Primary) +880 2 9838141-9 Ext 2116 (PABX) (Primary) +880 2 8711439 (Secondary) +880 2 9836141-9 Ext 2821 (PABX) (Secondary) +880 2 9836141-9 Ext 2822 (PABX) (Secondary) Mobile: +880 1 769701111 (Duty Officer) (Primary) +880 1 769702113 (Staff Officer) (Primary) +880 1 769702116 (Duty Staff) (Primary) +880 1 769702820 (Staff Officer) (Secondary) +880 1 769702822 (Duty Staff) (Secondary)	 +880 2 8871254 (Primary) +880 2 9036270 (Secondary) +880 2 8712243 (Secondary)	
Inmarsat C: 440500362	e-mail: mrcdnhk@navymail.bd (Primary) cmcndhk@navymail.bd (Secondary) Website: www.navymail.bd	

RT (HF)

	Position	Transmits	Receives	Hours of Watch
	23°48'.20N 90°24'.22E	4125	4125	H24
		6215	6215	
		8291	8291	
		12290	12290	
		16420	16420	

PAGE 07, BANGLADESH, KHULNA MRSC

Delete entry and replace by:

KHULNA MRSC		22°31'.48N 89°35'.17E
 +880 2 55059279 (Primary) +880 2 55059200-23 Ext 4108 (PABX) (Primary) +880 2 55059280 (Secondary) +880 2 55059200-23 Ext 4133 (PABX) (Secondary) Mobile: +880 1 769781111 (Duty Officer) (Primary) +880 1 769784107 (Staff Officer) (Primary) +880 1 769774108 (Duty Staff) (Primary) +880 1 760784131 (Staff Officer) (Secondary)	 +880 2 255059281 (Primary & Secondary) +880 2 255059282 (Primary & Secondary)	
	e-mail: mrsckln@navymail.bd (Primary) cmenkin@navymail.bd (Secondary)	

INP 31(2), 2024

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

NIL

INP 31(5), 2021

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

PAGE 153, BANGLADESH

Delete entry and replace by:

BANGLADESH			
National SAR Agency: Director General, Department of Shipping Address: 141 -143, Motijheel C/A (8th floor), Dhaka1000, Bangladesh Tel: +880 2 9555128 +880 2 9553584 Fax: +880 2 7168363			
The department of Shipping is responsible for coordinating Search and rescue operations. Coast Radio Stations maintain a continuous listening watch on international distress frequencies.			
	Telephone +880	Fax +880	Others/Ship Earth Stations (SES)
CAAB HQ	2 8901241	2 8901411	AFTN: VGHQYAYS
Dhaka ACC (Cospas-Sarsat SPOC)	2 8901462 2 8901463 2 8901464	2 8901924	AFTN: VGFRZQZX VGHSZQZX email: rcc_dhaka@caab.gov.bd
MRCC DHAKA (NHQ Ops Room Naval HQ) - Primary	2 9036314 (Direct) 2 8871247 (Direct) 2 9836141- 9 ext 2116 (PABX)	2 8871254	Mobile: +880 1 769701111 (Duty Officer), +880 1 760702113 (Staff Officer), +880 1 760702116 (Duty Staff) Immarsat C: 440500362 email: mrccdhk@navy.mil.bd Website: www.navymail.bd
MRCC DHAKA (COMCEN Naval HQ) - Secondary	2 8711439 (Direct) 2 9836141-9 ext 2821(PABX) 2 9836141-9 ext 2822 (PABX)	2 9036270 2 8712243	Mobile: +880 1769702820 (Staff Officer), +880 1 769702822 (Duty Staff) email: cmcndhk@navymail.bd
MRSC CHITTAGONG (Naval area Ops Room) - Primary	31 740655 (Direct) 31 740391-9 ext 4108 4109 (PABX)	31 741162	Mobile: +880 1 769721111 (Duty Officer) +880 1 769724107 (Staff Officer) +880 1 769724140 (Duty Staff) email: mrsctq@navymail.bd
MRSC CHITTAGONG (COMCEN) - Secondary	31 471642 (Direct) 31 470391-9 ext 4137 (PABX) 31 470400-9 ext 6137 (PABX) 31 470400-9 ext 4137 (PABX)	31 471162 31 470426	Mobile: +880 1 769724131 (Staff Officer) email: mrsctg@navymail.bd

MRSC KHULNA (COMKHUL) - Primary	2 55059279 (Direct) 2 55059200 - 23 ext 4108 (PABX)	2 55059281 2 55059282	Mobile: +880 1 769781111 (Duty Officer) +880 1 769784107 (Staff Officer) +880 1 769774108 (Duty Staff) email: mrsckln@navymail.bd
MRSC KHULNA (COMCEN) - Secondary	2 55059280 (Direct) 2 55059200-23 ext 4133 (PABX)	2 55059281 2 55059282	Mobile: +880 1 760784131 (Staff Officer) email: cmenkin@navymail.bd

INP 31(6), 2023*(Last correction: Edition No. 09 dated 01 May 2025)***PAGE 34, INDIA, PORT BLAIR (Heading)***Delete and replace by:***SRI VIJAYA PURAM (PORT BLAIR)****PAGE 67, INDIA, KOLLAM***Delete and replace by:***KOLLAM****08°52'N 76°35'E****Pilots and Port****CONTACT DETAILS:****Port Authority**

VHF Channel: Ch 16
 Tel: +91 0474 2743825, 2762218
 Mobile: +91 9969804875
 Email: pokollam.port@kerala.gov.in
 kollamportoffice@gmail.com

HOURS: H24**PROCEDURE:**

- (1) Pilotage is compulsory and will be provided by the Port Officer, Kollam.
- (2) Pilot boards in position 08°51'.77N, 76°35'.24E (0.5 n miles SE of the main breakwater head).
- (3) All Vessels are advised to contact Kollam Port on VHF Ch 16.

SECTION – IX
CORRECTIONS TO MISCELLANEOUS NAUTICAL PUBLICATIONS

NIL

SECTION – X

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

e-mail : msis-inho-navy@nic.in, inho-navy@nic.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 recognized by the following:

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

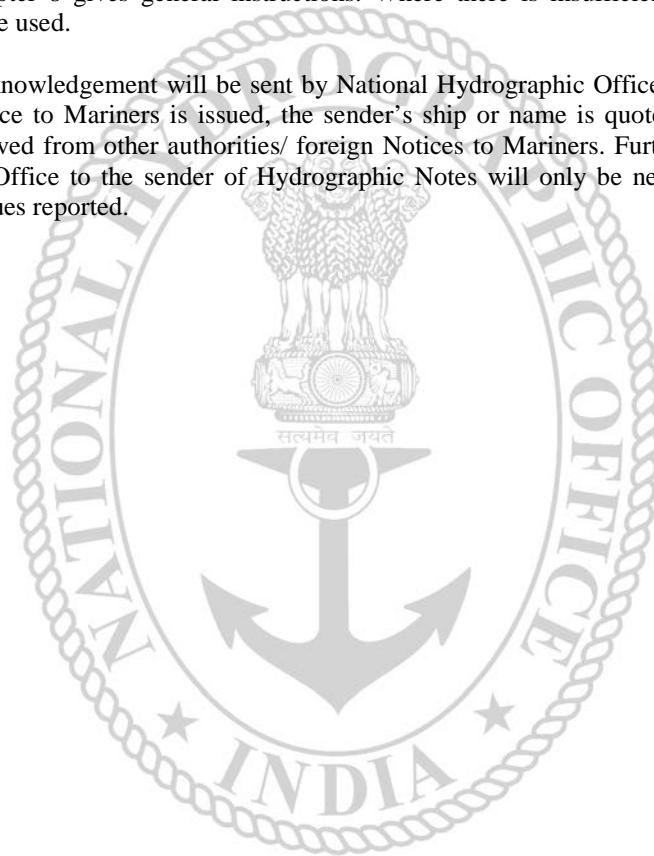
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

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

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

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

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



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

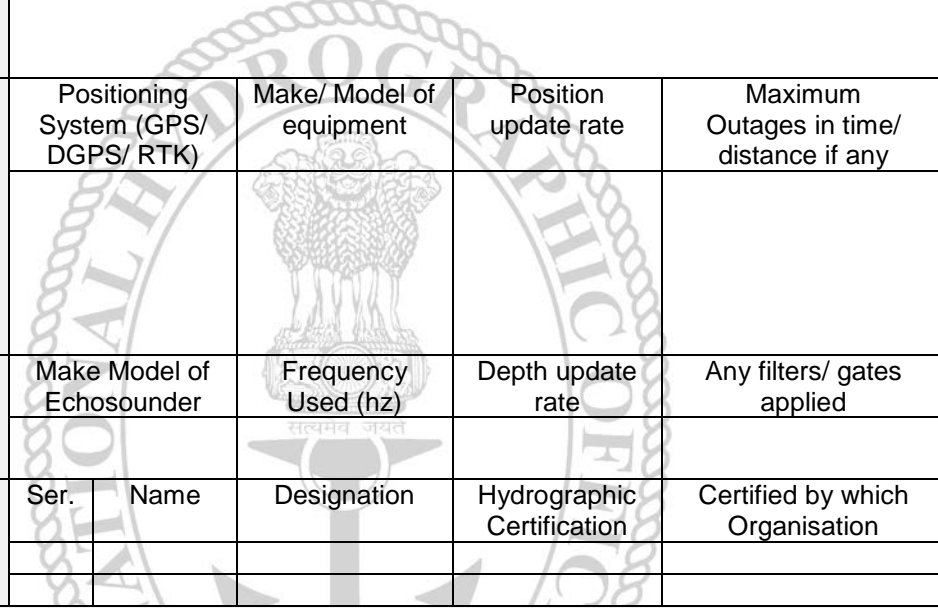
HYDROGRAPHIC NOTE FOR PORT INFORMATION (To accompany Form IH.102)														IH.102-A (Revised 2024)	
Date														D D M M Y Y Y Y Ref. No.	
Name of the Ship, Port or Sender															
Mailing Address														Office Name	
														Flat/ Room No.	
														Building	
														Street	
														Landmark/ Locality	
														City	
														State	
														Country	
														ZIP/ Pin Code	
Contact Details (with ISD country code)														Tel: +	
														Fax: +	
														Mobile: +	
Email id															
Explanatory Notes for filling up the IH.102-A (Revised 2024) <ol style="list-style-type: none"> All positional details be referred to WGS 84 in Latitude and Longitude, example: DD° MM' SS".SS (N/S), DDD° MM' SS".SS (E/W). All time details to be in format him. Clearly state the Time Zone adopted for field observations/ recording of data. Examples:- 00:00, UTC, GMT or +05:30 (IST) or ±hh:mm (LMT/ National Time Zone). Where applicable relevant data files may be shared in .txt, .pdf, .csv, files in the prescribed format. The photographs being forwarded be duly annotated, highlighting the object/ features to be referred for charting purpose and disseminating information to mariner as part of Sailing Directions. All diagrams are to be prepared with relevant Chart/ ENC in background where available. Where relevant, the diagrams, pictorial representation being forwarded are to be prepared with latest geo referenced satellite image in the background, appending the details, highlighting the information with adequate annotations for ready reference as visual representation. 															

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

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

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

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

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

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

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

27. TIDE OBSERVATION BE FORWARDED IN FORMAT

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

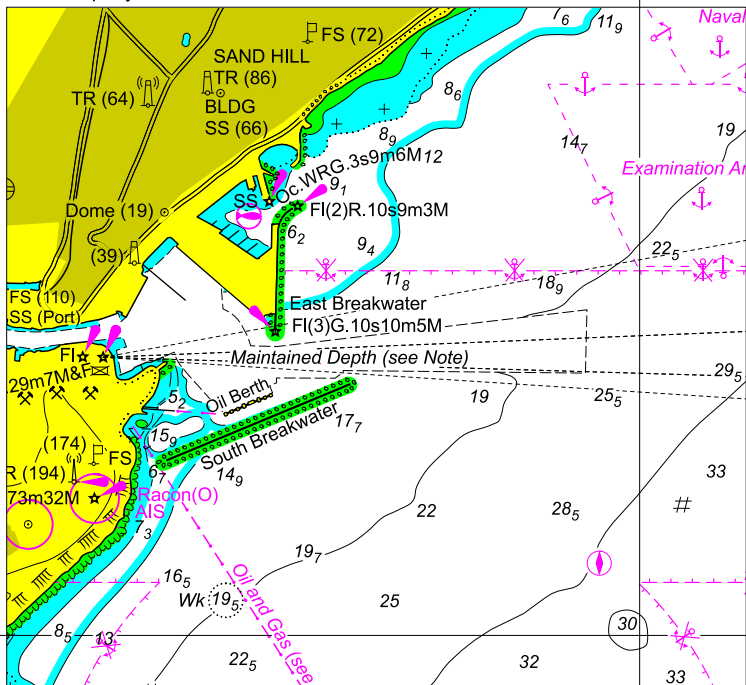
Observed Tide					
<u>Date</u> DD-MMM- YYYY	<u>Time</u> (IST/UTC) HH:MM: SS	<u>Height of Tide (HoT_{Obs}) m</u> Observed on gauge (m.mm m metres)	<u>Reduction applied with respect to value of Zero of tide gauge above / below Chart Datum.</u> + if above Chart Datum - if below Chart Datum (m.mmm metres)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

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

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

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

To accompany Indian Notices to Mariners No. 074/2025



Block correction for Chart No. 3002

83°20'E

TRAFFIC SEPARATION SCHEME

Consult Indian Notices to Mariners Special Edition No 21 for details of traffic Separation Scheme and other relevant information.



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