

INDIAN NOTICES TO MARINERS

EDITION NO. 11 DATED 01 JUN 2023

(CONTAINS NOTICES 104 TO 112)



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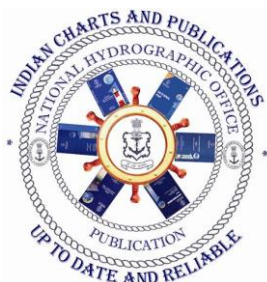
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

FEEDBACK: msis-inho@navy.gov.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

III

EXPLANATORY NOTES

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

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

Temporary and Preliminary Notices. These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. 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 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 is as follows:-

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

4. The new Indian Electronic Navigational Chart that 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>
IN2354SA.000	354	SACRAMENTO SHOAL TO KALINGAPATNAM	25-05-2023

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

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

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2015	PORT OF MUMBAI	20,000	NEW EDITION
2021	SIKKA CHANNEL	7,500	NEW CHART
2025	RELIANCE TANKER BERTHS	7,500	NEW CHART
2596	KULHUDHUFFUSHI ANCHORAGES	25,000	NEW CHART
2695	WESTERN APPROACHES TO PEMBA ISLAND	50,000	NEW CHART

VI

292	DWARKA TO MUMBAI	7,50,000	NEW EDITION
302	SAGAR ISLAND TO DHAMRA PORT	1,50,000	NEW CHART
303	DHAMRA PORT TO PARADIP PORT	1,50,000	NEW CHART
3030	BHIMUNIPATNAM ANCHORAGE	12,500	NEW EDITION
	APPROACHES TO BHIMUNIPATNAM	25,000	NEW EDITION
315	PALK STRAIT	1,25,000	NEW EDITION

Availability of ENC's

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

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 104 to 112 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	106 (T), 109 (T)
22 (INT 752)	3	106 (T), 109 (T)
31 (INT 756)	5	107 (T), 108 (T), 109 (T), 110 (T)
32 (INT 754)	5	107 (T), 108 (T), 109 (T)
33 (INT 755)	5	107 (T), 109 (T)
205	2	109 (T)
206	2	109 (T)
207	2	106 (T)
209	3	106 (T)
210	3	106 (T)
211	3	106 (T), 109 (T)
212	3	109 (T)
213	3	109 (T)
217	4	111 (T)
219	4	109 (T)
221	4	109 (T)
222	4	109 (T)
223	4	109 (T)
224	5	109 (T)
252 (INT 7325)	2	109 (T)
253 (INT 7328)	2	106 (T), 109 (T)
254 (INT 7331)	3	106 (T)
255 (INT 7334)	3	106 (T), 109 (T)
256 (INT 7340)	3	106 (T), 109 (T)
258 (INT 7348)	4	109 (T), 111 (T)
259 (INT 7356)	4	109 (T)
260 (INT 7362)	4	109 (T)
261 (INT 7363)	4	109 (T)
262 (INT 7365)	5	109 (T)
263 (INT 7383)	5	109 (T)
268 (INT 7353)	4	109 (T)
272	4	109 (T), 111 (T)
273	4	109 (T)
292 (INT 7021)	2	106 (T), 109 (T)
293 (INT 7022)	3	106 (T), 109 (T), 111 (T)
294 (INT 7023)	4	109 (T)
295 (INT 7024)	4	109 (T)
304	5	107 (T)
305	5	107 (T), 109 (T)
308 (INT 7409)	5	107 (T), 109 (T)
352 (INT 7416)	5	107 (T), 109 (T)
353 (INT 7413)	5	107 (T), 109 (T)
354 (INT 7408)	5	107 (T), 108 (T), 109 (T)
355 (INT 7405)	5	107 (T), 108 (T)
356 (INT 7400)	5	107 (T)

357 (INT 7397)	5	107 (T), 109 (T)
391	5	107 (T), 108 (T), 109 (T)
405 (INT 7440)	6	105
473 (INT 7031)	6	105
2002 (INT 7351)	4	111 (T)
2004 (INT 7359)	4	112 (T)
2023	4	109 (T)
2028	3	109 (T)
2032	4	109 (T)
2037	5	109 (T)
2048	4	109 (T)
2053	4	109 (T)
2100 (INT 7347)	2	104
2101 (INT 7347)	3	106 (T)
2104	4	109 (T)
2121	2	109 (T)
2359 (INT 7350)	4	111 (T)
3002 (INT 7410)	5	109 (T)
3034	5	109 (T)
3035	5	109 (T)
3043	5	109 (T)
3044	5	109 (T)
4253	6	105
7071 (INT 71)	1	109 (T)
7073 (INT 73)	1	109 (T)
7703 (INT 703)	1	109 (T)
7705 (INT 705)	1	106(T), 109 (T)
7706 (INT 706)	1	106(T), 107 (T), 108(T), 109 (T)
7707 (INT 707)	1	109 (T)

SECTION – II**PERMANENT NOTICES**

***104 (11/23) INDIA – WEST COAST – Gulf of Khambhat – Port Pipavav – Buoys.**

Source: APM Terminals, Pipavav.

Chart 2100 (Plan) [previous update 135/22]

characterstics to *OC.G.5s*

20° 54′.25N., 071° 30′.23E.

Amend

characterstics to *OC.R.5s*

20° 54′.25N., 071° 30′.00E.

***105 (11/23) INDIA – ANDAMAN SEA – LITTLE ANDAMAN SEA – Approaches to Port Blair – Light.**

Source: IH. 102, INS Sutlej.

Chart 473 (INT 7031) [previous update 038/22]

Move



Fl(2)10s52m10M

from

11° 28′.74N., 092° 42′.76E.

to

11° 28′.84N., 092° 42′.65E.

Chart 405 (INT 7440) [previous update NE 31 DEC 21]

Insert



Fl(2)10s52m10M

11° 28′.84N., 092° 42′.65E.

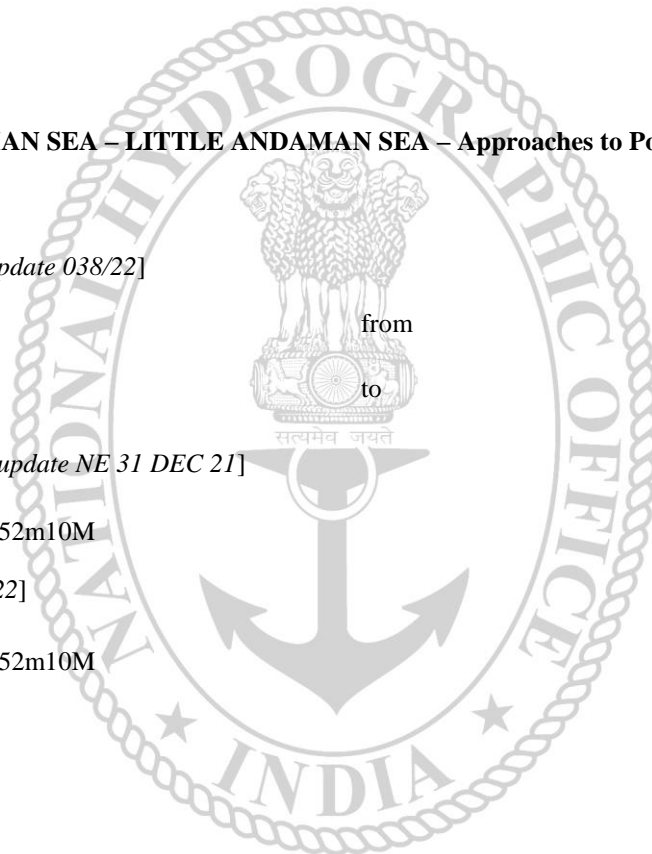
Chart 4253 [previous update 209/22]

Insert



Fl(2)10s52m10M

11° 28′.84N., 092° 42′.65E.



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.


*106 (T) (11/23)		INDIA – WEST COAST – Arabian Sea – Oil Rigs.
Source: NCD, Mumbai.		
1. List of Oil Rigs is as follows: -		
Rig Name	Position	
Aban III	19° 34′.71N., 071° 23′.15E.	
Aban IV	18° 17′.31N., 072° 20′.91E.	
Aban VIII	18° 33′.63N., 072° 14′.94E.	
CE Thornton	19° 26′.11N., 071° 24′.16E.	
Compact Driller	19° 18′.56N., 071° 26′.23E.	
Discovery 1	18° 38′.20N., 071° 00′.92E.	
DS Fossil	19° 21′.43N., 071° 17′.06E.	
DS Fortune	18° 34′.48N., 072° 16′.76E.	
FG MC Clintok	20° 41′.85N., 071° 44′.81E.	
Foresight Driller IX	18° 37′.93N., 072° 14′.22E.	
Great Drill Chaaru	19° 36′.62N., 071° 20′.66E.	
Great Drill Chetna	18° 47′.74N., 071° 15′.67E.	
Great Drill Chaaya	18° 32′.07N., 072° 13′.98E.	
Great Drill Chitra	19° 12′.51N., 072° 02′.24E.	
Jindal Star	19° 31′.84N., 071° 24′.92E.	
Jindal Supreme	18° 46′.85N., 072° 17′.12E.	
JT Angel	19° 33′.08N., 071° 21′.27E.	
Jindal Explorer	19° 13′.35N., 072° 10′.87E.	
Parameswara	19° 31′.76N., 071° 17′.39E.	
Ron Tappmeyer	20° 37′.32N., 071° 38′.77E.	
Sagar Vijay	19° 42′.58N., 070° 58′.27E.	
Sagar Jyoti	18° 39′.23N., 072° 18′.19E.	
Sagar Kiran	20° 25′.80N., 071° 54′.61E.	
Sagar Ratna	19° 15′.92N., 072° 11′.00E.	
Sagar Shakti	20° 20′.87N., 072° 13′.94E.	
Sagar Uday	19° 48′.10N., 071° 22′.70E.	
Sagar Gaurav	19° 39′.07N., 071° 55′.36E.	
Trident 2	19° 44′.10N., 071° 34′.03E.	
Trident 12	19° 07′.39N., 072° 06′.44E.	
Vivekananda 1	19° 39′.54N., 071° 44′.40E.	
Vivekananda 2	19° 14′.62N., 070° 53′.04E.	
Virtue 1	19° 00′.48N., 072° 09′.07E.	
Victory Driller	19° 20′.91N., 071° 24′.51E.	
2. All Highlighted Oil Rigs reflects changes in position of respective Oil Rigs from previous Notice.		
3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.		

4. All positions referred to WGS 84 datum
Charts Affected – 21 – 22 (INT 752) - 292 (INT 7021) – 293 (INT 7022) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 207 – 209 – 210 – 211 – 2101 (INT 7347) – 7705 (INT 705) – 7706 (INT 706).
Former INTM 096 (T)/23 is cancelled.

*107 (T) (11/23)	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.		
Source: NIO, Goa.			
1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:–			
ADCP Mooring	Positions		Depth (in meters)
BOPS14	12° 01′.206N	080° 08′.032E	167
BOPD14	12° 00′.915N	080° 11′.492E	187,393,747
BOND6	14° 30′.067N	080° 25′.044E	159,364
BOKD14	16° 01′.446N	082° 02′.655E	178,383,708
BOKS14	16° 10′.743N	081° 59′.021E	175
BOVD13	17° 44′.074N	084° 00′.584E	168,377
BOVS14	17° 48′.461N	083° 59′.581E	113,188
BOGS15	19° 25′.884N	085° 42′.023E	166
BOGD15	19° 23′.857N	085° 47′.400E	190,394,998
BODD6	19° 58′.436N	088° 19′.614E	167,347
2. All positions referred to WGS 84 datum.			
3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.			
Charts Affected – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 304 – 305 – 308 (INT 7409) – 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 355 (INT 7405) – 356 (INT 7400) – 357 (INT 7397) – 391 – 7706 (INT 706).			
Former INTM 201 (T)/22 is cancelled.			

*108 (T) (11/23)	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° 20´.51N., 081° 55´.45E.		
DDKG 1	16° 31´.74N., 082° 35´.92E.		
Platinum Explorer	16° 15´.85N., 082° 23´.48E.		
Olinda Star	16° 25´.10N., 082° 23´.72E.		
Key Singapore	16° 27´.76N., 082° 10´.64E.		
West Polaris	16° 19´.35N., 082° 21´.71E.		
2. All Highlighted Oil Rigs reflects changes in position of respective Oil Rigs from previous Notice.			
3. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.			
4. All positions referred to WGS 84 datum.			
Charts Affected – 31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 355 (INT 7405) – 7706 (INT 706).			
Former INTM 097 (T)/23 is cancelled.			

*109 (T) (11/23)	INDIAN OCEAN – Northern Part – Wave Rider Buoys.	
Source: INCOIS.		
1. Moored yellow coloured Wave Rider Buoys (WRB) are deployed by INCOIS in following positions:–		
WRB Buoy	Positions	
WRB Gopalpur	19° 15′.27N	084° 56′.13E
WRB Kanyakumari	08° 06′.48N	077° 17′.88E
WRB Kavaratti	10° 32′.23N	072° 36′.63E
WRB Kollam	08° 52′.13N	076° 32′.80E
WRB Kozhikode	11° 17′.90N	075° 39′.78E
WRB Krishnapatnam	14° 16′.66N	080° 11′.58E
WRB Pondicherry	11° 54′.88N	079° 50′.83E
WRB Ratnagiri	16° 58′.60N	073° 15′.20E
WRB Tuticorin	08° 52′.93N	078° 17′.72E
WRB Veraval	20° 53′.02N	070° 23′.32E
WRB Versova	19° 07′.92N	072° 44′.22E
WRB Visakhapatnam	17° 38′.30N	083° 15′.93E
2. All Highlighted Buoys reflects changes in position of respective buoys from previous Notice.		
3. All positions referred to WGS 84 datum.		
4. Vessels operating in vicinity are to maintain a safe distance from buoys and exercise caution.		
Charts Affected – 21 – 22 (INT 752) – 31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 205 – 206 – 211 – 212 – 213 – 219 – 221 – 222 – 223 – 224 – 252 (INT 7325) – 253 (INT 7328) – 255 (INT 7334) – 256 (INT 7340) – 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) – 294 – 295 – 305 – 308 (INT 7409) – 352 (INT 7416) – 353 (INT 7413) – 354 (INT 7408) – 357 (INT 7397) – 391 – 2023 – 2028 – 2032 – 2037 – 2048 – 2053 – 2104 – 2121 – 3002 (INT 7410) – 3034 – 3035 – 3043 – 3044 – 7071 (INT 71) – 7073 (INT 73) – 7703 (INT 703) – 7705 (INT 705) – 7706 (INT 706) – 7707 (INT 707).		
Former INTM 098 (T)/23 is cancelled.		

*110 (T) (11/23)	INDIAN OCEAN – Bay of Bengal – Northern Portion (Krishnapatnam to Bassein River) – Wreck.		
Source: BNHOC Notice No. 07(T)/2023.			
Insert		22° 18'·26N., 091° 30'·32E.	
Charts Affected – 31(INT 756).			

*111 (T) (11/23)	INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Port Information.
Source: Department of Ports & Inland Transport – Karnataka Government.	
1. The Old Mangalore Port will be officially closed for monsoon/ foul weather with effect from 16 May 2023 to 15 Sep 2023 . The spherical buoy which is laid for channel marking at entrance of the channel is withdrawn.	
2. All Mariners, Tindels, Owners and Operators of all Vessels are hereby cautioned to note the above warning. The vessel entering/ leaving the Old Mangalore Port after the above date are doing so at their own risk.	
3. Mariners are advised to contact local port authorities for more information.	
4. Charts Affected – 293 (INT 7022) – 272 – 258 (INT 7348) – 217 – 2359 (INT 7350) – 2002 (INT 7351).	

*112 (T) (11/23)	INDIA – WEST COAST – Kochi Harbour – Buoy.
Source: IH-102, INS Sarvekshak.	
1. The buoy No. 13 at position 09° 58′.00N., 076° 13′.22E (Kochi Harbour) is damaged.	
2. Mariners are advised to navigate with caution in the area and contact Port authority for latest information.	
Charts affected – 2004 (INT 7359).	

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					
(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 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

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	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
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	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
M/s C & C Marine Combine 25 Bank Street, 1 st 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	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
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	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
M/s Lift o Marine Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org , liftomarine77@gmail.com Web: www.liftomarine.org	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
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	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

1. All in force NAVAREA and NAVTEX messages are available for visualisation along with details of affected Charts and ENC's for mariners on **INDIAN WARNINGS INFORMATION AND NAVIGATION SERVICES (INDIA – WINS)** on www.hydrobharat.gov.in.
2. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2020.
3. NAVAREA VIII Warnings in force as on 01 Jun 23: -

4. NAVAREA VIII Warnings issued during the period from 16 May 23 to 31 May 23 (both dates inclusive) are as tabulated below: –

484.	India West Coast – Mormugao. Charts IN 293 2020 2022 INT 7345. Vessel reported sunk in approximate position 15-29.08N 073-48.3E on 13 May 23. Wide berth of 500 meters requested.
485.	India East Coast - off Chennai. Charts IN 32 313 356 391 INT 7400. Firing by CG aircraft scheduled on 19 May 23 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 191230 UTC May 23.
486.	India West Coast. Charts IN 21 292 293 INT 7021. Rig move. Discovery 1 (18-38.20N 071-00.92E), Compact Driller (19-18.56N 071-26.23E). Refer to 096(T) of INTM 09/23. Wide berth requested.
487.	Indian Ocean. Charts IN 7070 7073 7702 INT 70. Fishing vessel lupengyuanyu028 reported sunk in approximate position 05-46S 077-05E at 170300 UTC May 23. 39 crew missing. mariners to keep sharp lookout and render necessary assistance. 2. Cancel this MSG 200400 UTC May 23.
488.	India West Coast - off Alappuzha. Charts IN 22 221 260 INT 7362. Firing scheduled on 19 and 20 may 23 from 0430 to 1130 UTC in danger area bounded within 09-09N to 09-19N and 075-52E to 076-02E. Wide berth from area advised 2. Cancel this MSG 201230 UTC May 23.
489.	India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Jindal star (19-31.84N 071-24.92E), Virtue 1 (19-00.48N 072-09.07E), Sagar Vijay (18-42.58N 070-58.27E). Refer to 096(T) of INTM 09/23. Wide berth requested.
490.	Southern Indian Ocean. Charts IN 7070 7072 INT 72. Space debris predicted from 19 to 25 May 23 between 0327 UTC and 1000 UTC in area bounded by 08-52S 092-27E, 07-45S 089-27E, 30-12S 061-09E, 40-45S 002-20W, 42-56S 002-23W, 32-15S 063-10E. Wide berth from area advised. 2. Cancel this MSG 251100 UTC May 23.
491.	India West Coast - off Mormugao. Charts IN 22 293 7705 INT 752. Firing scheduled from 220230 to 241230 UTC May 23 in danger areas bounded by (a) 15-36N 071-50E, 14-39N 073-40E, 14-00N 074-00E, 13-30N 073-02E, 14-31N 071-24E (b) 17-23N 070-35E, 16-58N 071-25E, 16-24N 072-09E, 14-31N 071-24E, 16-15N 068-37E. Wide berth from area advised. 2. Cancel this MSG 241330 UTC May 23.
492.	India West Coast - Gulf of Kachchh. Charts IN 21 203 2060 INT 7332. Barge Leighton eclipse, Aht susanna, cargo barge aqua float and tow tug marigold will carry out pipeline laying from 19 May to 15 Jun 23 in vicinity of 22-31.60N 069-42.48E, 22-31.57N 069-41.26E. Wide berth requested. 2. Cancel this MSG 151830 UTC Jun 23.
494.	Cancel NAVAREA VIII MSG 805/22, 477/23 and this MSG.
495.	India West Coast - off Mormugao. Charts IN 22 293 7705 INT 752. Firing scheduled 22 to 27 May 23 from 0230 to 1230 UTC in danger area bounded by 14-38.69N 073-41.36E, 14-28.74N 073-36.36E, 14-15.42N 073-47.28E, 13-55.72N 074-19.80E, 14-01.32N 074-23.16E, 14-24.90N 074-04.08E, 14-38.58N 073-57.24E. Wide berth from area advised. 2. Cancel this MSG 271330 UTC May 23.

<p>496. India West Coast – Kochi. Charts IN 22 220 259 2004 2029 INT 7356. Firing scheduled on 21 may 23 from 0430 to 0730 UTC in danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E. Wide berth from area advised.</p> <p>2. Cancel this MSG 210830 UTC May 23.</p>
<p>497. Bay of Bengal - off Balasore. Charts IN 31 351 7706 INT 7419. Experimental flight trials scheduled 23 to 26 may 23 from 0330 to 0730 UTC in danger area bounded by 21-18.60N 086-53.38E, 20-40.13N 087-08.31E, 20-42.71N 087-15.86E, 21-25.10N 086-59.46E. Wide berth from area advised.</p> <p>2. Cancel this MSG 260830 UTC May 23.</p>
<p>498. Andaman Sea. Charts IN 41 472 7706 INT 706. Firing by aircraft scheduled 23 to 27 may 23 from 0200 to 0630 UTC in danger area bounded by 08-52.13N 092-26.66E, 07-23.76N 092-06.21E, 07-08.08N 093-05.28E, 08-44.30N 094-14.25E, 09-10.66N 093-13.78E. Wide berth from area advised.</p> <p>2. Cancel this MSG 270730 UTC May 23.</p>
<p>499. NAVAREA VIII - Warnings in force as on 19 May 2023.</p> <p>2021 Series - 286 340 478 658 759 833</p> <p>2022 Series - 049 093 117 118 134 162 180 237 253 259 286 313 391 437 445 446 461 476 497 513 519 536 546 584 601 617 646 651 656 688 757 824 856 970 980 997</p> <p>2023 Series - 037 064 071 104 116 144 161 162 172 178 179 205 231 238 239 240 254 272 276 280 307 329 343 344 356 363 369 375 386 390 394 401 402 409 410 412 416 424 425 431 438 444 445 455 456 459 461 463 464 465 466 467 473 474 475 478 479 480 481 482 484 486 487 488 489 490 491 492 493 494 495 496 497 498</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 261000 UTC May 23</p>
<p>500. India East Coast - off Chennai. Charts IN 313 356 3001 INT 7402. Mijk dhanyasree progressing cable route survey in area bounded by 13-01.56N 080-16.90E, 13-00.95N 080-19.17E, 13-00.70N 080-19.08E, 13-01.29N 080-16.85E. Wide berth requested.</p> <p>2. Cancel this MSG 301830 UTC May 23.</p>
<p>501. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled on 25 May 23 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.</p> <p>2. Cancel this MSG 251130 UTC May 23.</p>
<p>502. Andaman Sea - off Barren I. Charts IN 41 473 7706 INT 7031. Firing by CG aircraft scheduled 26 and 30 May 23 from 0745 to 0945 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised.</p> <p>2. Cancel this MSG 301045 UTC May 23.</p>
<p>503. India West Coast - off Porbandar. Charts IN 21 252 292 INT 7021. Firing by CG aircraft scheduled on 24 May 23 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.</p> <p>2. Cancel this MSG 240930 UTC May 23.</p>
<p>504. India West Coast – Aguada. Charts IN 22 214 2022 INT 7345. DGPS (15-29.51N 073-46.36E) transmission will be switched off from 230230 to 241230 UTC May 23 for maintenance.</p> <p>2. Cancel this MSG 241230 UTC May 23.</p>
<p>505. India West Coast - off Mumbai. Charts IN 21 255 292 293 INT 7334. Acoms 11 progressing pipeline survey in areas bounded by (a) 19-27.84N 071-45.34E, 19-27.53N 072-12.94E, 18-59.58N 072-20.18E, 19-00.14N 071-46.33E (b) 19-19.19N 070-45.14E, 19-18.58N 071-40.01E, 18-55.88N 071-39.67E, 18-55.91N 070-44.90E (c) 19-42.47N 070-45.39E, 19-41.76N 071-40.36E, 19-18.58N 071-40.01E, 19-19.19N 070-45.14E (d) 18-48.13N 072-09.46E, 18-47.78N 072-24.22E, 18-36.97N 072-23.93E, 18-41.63N 072-09.34E (e) 18-41.63N 072-09.34E, 18-36.97N 072-23.93E, 17-58.80N 072-23.18E, 17-59.05N 072-08.57E. Wide berth requested.</p> <p>2. Cancel this MSG 151830 UTC Jun 23.</p>
<p>506. Cancel NAVAREA VIII MSG 474/23 and this MSG.</p>
<p>507. South Indian Ocean. Charts IN 7070 7073 7702 INT 70. Fishing vessel lupengyuanyu028 reported sunk. Mariners advised to keep sharp lookout and avoid an area of 50 nm around 05-59S 077-33E. 32 Crew still missing.</p> <p>2. Cancel this MSG 281100 UTC May 23.</p>
<p>508. India East Coast. Charts IN 32 313 356 7706 INT 7400. Pss mahabalipuram (12-36.95N 080-11.50E) of nais will be switched off from 230230 to 291830 UTC May 23 for maintenance.</p> <p>2. Cancel this MSG 291830 UTC May 23.</p>
<p>509. Cancel NAVAREA VIII MSG 445/23 and this MSG.</p>
<p>510. Andaman Sea. Charts IN 41 7073 7706 INT 706. Albatross 5 progressing cable route survey in area bounded by 06-12.21N 090-28.21E, 05-53.98N 092-34.94E, 06-27.02N 094-10.67E, 07-54.74N 095-26.41E, 07-50.23N 095-32.66E, 07-28.22N 095-14.21E, 06-09.57N 094-16.13E, 05-37.77N 092-39.01E, 05-52.21N 090-36.10E. Length of tow 250 meters from</p>

510. Continued. stern. Wide berth requested. 2. Cancel this MSG 281830 UTC May 23.
511. Indian Ocean - off Galle. Charts in 32 225 264 7706 INT 706. Partially submerged fishing boat reported adrift in approximate position 05-55N 080-02E at 231100 UTC May 23. 2. Cancel this MSG 261100 UTC May 23.
512. India West Coast – Vengurla. Charts IN 22 214 293 INT 7022. NAVTEX transmitter (15-51.32N 073-37.89E) will be switched off from 250230 to 261230 UTC May 23 for maintenance. 2. Cancel this MSG 261230 UTC May 23.
513. Cancel NAVAREA VIII MSG 239/23 and this MSG
514. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Admarine 9 (19-19.46N 071-14.10E), Fg mcclintock (19-00.63N 072-11.95E) And Ron tappmeyer (19-36.50N 071-18.85E). Refer to 096(T) of INTM 09/23. Wide berth requested.
515. Cancel NAVAREA VIII MSG 478/23 and this MSG.
516. India West Coast - Gulf of Kachchh. Charts IN 21 203 2060 INT 7332. Barge Leighton stealth, Aht Britoil 67, Aht Ak ship 9, Cargo barge AF 281 and tow tug ab 3000 will carry out pipeline laying from 26 May to 15 Jun 23 in vicinity of 22-31.60N 069-42.48E, 22-31.57N 069-41.26E. Wide berth requested. 2. Cancel this MSG 151830 UTC Jun 23.
517. India East Coast – Chennai. Charts IN 33 313 356 3001 INT 7400. Firing scheduled on 30 May 23 from 0830 to 0930 UTC in danger sector extending upto 11 nm between bearing 045 and 075 from 13-07.02N 080-18.01E. Wide berth from area advised. 2. Cancel this MSG 301030 UTC May 23.
518. Andaman Sea. Charts IN 41 472 7706 INT 706. Firing by IAF aircraft scheduled 28 to 31 May 23 from 0200 to 0630 UTC in danger area bounded by 08-52.13N 092-26.66E, 07-23.76N 092-06.21E, 07-08.08N 093-05.28E, 08-44.30N 094-14.25E, 09-10.66N 093-13.78E. Wide berth from area advised. 2. Cancel this MSG 310730 UTC May 23.
519. Cancel NAVAREA VIII MSG 479/23 And This MSG.
520. India West Coast - off Daman. Charts IN 21 254 292 INT 7331. Firing by CG aircraft scheduled on 29 May 23 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 291230 UTC May 23.
521. NAVAREA VIII - warnings in force as on 26 May 2023 2021 Series - 286 340 478 658 759 833 2022 Series - 049 093 117 118 134 162 180 237 253 259 286 313 391 437 445 446 461 476 497 513 519 536 546 584 601 617 646 651 656 688 757 824 856 970 980 997 2023 Series - 037 064 104 116 161 162 172 178 179 205 231 238 240 254 272 276 280 307 329 343 344 356 363 369 375 386 390 402 410 412 416 424 425 431 438 444 455 456 459 467 473 474 480 481 482 484 486 489 492 493 495 498 500 502 505 507 508 510 514 516 517 518 519 520 (a) NAVAREA VIII warnings less than 42 days promulgated via safetynet. (b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in . 2. Cancel this MSG 021000 UTC Jun 23.
522. Indian Ocean – Sriharikota. Charts IN 32 7706 7707 INT 706. Rocket launch from 13-43.2N 080-13.8E scheduled from 290345 to 290745 UTC May 23. 2. Danger zone as follows. Zone-1: Circle of 10 nm around launcher. Zone-2: Danger area bounded by 12-05N 084-50E, 12-50N 085-00E, 12-20N 086-20E, 11-35N 086-10E. Zone-3: Danger Area Bounded By 10-55N 088-35E, 11-40N 088-45E, 11-05N 090-30E, 10-25N 090-20E. Zone-4: Danger Area Bounded By 08-10N 095-10E, 09-35N 095-10E, 09-35N 096-05E, 08-10N 096-05E. 3. Wide berth from area advised. 4. Cancel this MSG 290845 UTC May 23.
523. Andaman Sea. Charts IN 407 4161 INT 7445. Keating point DGNSS (09-15.36N 092-46.50E) Transmission not operational from 260830 UTC May 23.
524. India west Coast - Dabhol Port. Charts in 21 256 293 2065 int 7340. Buoys removed. Fairway (17-34.34N 073-04.58E), No-1 (17-33.49N 073-05.65E), No-2 (17-33.64N 073-05.74E), No-3 (17-32.96N 073-06.44E), No-4 (17-33.13N 073-06.49E), No-6 (17-32.54N 073-07.3E), No-7 (17-32.02N 073-07.71E), No-8 (17-32.11N 073-07.9E), No-9 (17-31.03N 073-08.68E), No-10 (17-31.13N 073-08.84E), GI-11 (17-31.42N 073-08.22E), GI-12 (17-31.23N 073-08.41E).
525. India West Coast - off Mumbai. Charts IN 21 211 255 INT 7334. Ena habitat will carry out hookup activities at (a) 19-10.06N 071-46.56E FROM 29 TO 31 MAY 23 (b) 18-34.96N 072-14.44E from 01 to 15 Jun 23. Wide berth requested 2. Cancel this MSG 151830 UTC Jun 23.

<p>526. India West Coast - off Mormugao. Charts IN 22 294 7706 INT 752. Firing scheduled from 011230 to 020530 UTC Jun 23 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.</p> <p>2. Cancel this MSG 020630 UTC Jun 23.</p>
<p>527. Bay of Bengal - off Balasore. Charts IN 31 7073 7706 INT 706. Experimental flight trials scheduled 01 and 02 Jun 23 from 1230 to 1530 UTC in danger area bounded by 20-47.65N 087-01.90E, 19-24.03N 087-03.82E, 14-32.55N 088-19.51E, 15-05.76N 090-02.40E, 19-42N 087-59.33E, 20-49.13N 087-06.46E. Wide berth from area advised.</p> <p>2. Cancel this MSG 021630 UTC Jun 23.</p>
<p>528. Andaman Sea. Charts IN 41 472 7706 INT 706. Firing by IAF aircraft scheduled 29 to 31 May 23 from 0200 to 0630 UTC in danger area bounded by 08-52.13N 092-26.66E, 07-23.76N 092-06.21E, 07-08.08N 093-58.28E, 08-44.30N 094-14.25E, 09-10.66N 093-13.78E. Wide berth from area advised.</p> <p>2. Cancel NAVAREA VIII MSG 518/23 and this MSG 310730 UTC May 23.</p>
<p>529. India East Coast - off Chennai. Charts IN 32 313 356 357 INT 7397. Normand clipper progressing submarine cable laying along 13-01.20N 080-17.24E, 13-01.03N 080-17.71E, 13-00.94N 080-17.95E, 13-00.33N 080-18.21E, 12-58.44N 080-20.79E, 12-58.39N 080-20.85E, 12-46.65N 080-32.35E, 12-44.35N 080-34.18E, 12-44.01N 080-34.45E, 12-43.93N 080-34.51E. Wide berth requested.</p> <p>2. Cancel this MSG 041830 UTC Jun 23.</p>
<p>530. India West Coast - Kochi. Charts IN 22 220 259 2004 2029 INT 7356. Firing scheduled (a) 02, 09, 16, 23, 30 Jun 23 from 0900 to 1200 UTC and 1230 to 1430 UTC (b) 05, 12, 19, 26 Jun 23 from 0900 to 1200 UTC in danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E. Wide berth from area advised.</p> <p>2. Cancel this MSG 301530 UTC Jun 23.</p>
<p>531. India West Coast - off Ponnani. Charts IN 22 259 273 INT 7356. Firing scheduled 02 and 03 Jun 23 from 0430 to 1130 UTC in danger area bounded within 10-39N to 10-49N and 075-20E to 075-30E. Wide berth from area advised.</p> <p>2. Cancel this MSG 031230 UTC Jun 23.</p>
<p>532. India East Coast - off Chennai. Charts IN 32 356 357 INT 754. Responder will carry out cable laying operations in areas bounded by (a) 13-01.73N 080-17.55E, 12-59.62N 080-23.18E, 12-55.24N 080-23.59E, 12-29.63N 080-34.52E, 12-25.43N 080-34.52E, 12-54.59N 080-22.52E, 12-58.75N 080-22.29E, 13-00.82N 080-17.04E from 31 May to 26 Jun 23 (b) 12-29.63N 080-34.52E, 12-25.55N 080-38.79E, 12-13.97N 081-07.65E, 11-18.18N 082-50.80E, 11-15.73N 082-49.35E, 12-16.06N 080-52.99E, 12-17.90N 080-43.03E, 12-25.43N 080-34.52E from 19 to 22 Jun 23. Wide berth requested.</p> <p>2. Cancel this MSG 261830 UTC Jun 23.</p>
<p>533. India West Coast. Charts IN 21 255 292 INT 7334. Rig move. Sagar Kiran (19-23.11N 071-53.84E). Sagar Shakti (20-20.87N 072-13.94E) demobilised. Refer to 096(T) of INTM 09/23. Wide berth requested.</p>
<p>534. India West Coast - off Mumbai. Charts IN 21 292 293 INT 7021. Seamec princess will carry out pipeline survey from 01 to 15 Jun 23 in vicinity of 19-20.79N 071-21.95E, 19-32.26N 071-23.98E, 19-31.77N 071-18.07E, 19-22.41N 071-21.62E, 19-20.06N 072-01.26E, 19-18.27N 071-58.58E, 18-34.93N 072-14.43E, 18-33.72N 072-17.64E. Wide berth requested.</p> <p>2. Cancel this MSG 151830 UTC Jun 23.</p>
<p>535. Andaman Sea. Charts IN 41 472 7706 INT 706. Firing by IAF aircraft scheduled 01 to 07 Jun 23 from 0200 to 0630 UTC in danger area bounded by 08-52.13N 092-26.66E, 07-23.76N 092-06.21E, 07-08.08N 093-58.28E, 08-44.30N 094-14.25E, 09-10.66N 093-13.78E. Wide berth from area advised.</p> <p>2. Cancel this MSG 070730 UTC Jun 23.</p>
<p>536. India East Coast - off Chennai. Charts IN 32 356 357 391 INT 754. Albatross 5 will carry out cable route survey in areas bounded by (A) 12-33.97N 080-37.62E, 12-28.54N 080-42.49E, 11-29.02N 081-06.51E, 11-22.18N 081-23.50E, 10-53.85N 081-33.45E, 10-51.44N 081-27.32E, 11-16.17N 081-18.24E, 11-19.89N 081-05.21E, 11-24.38N 080-59.45E, 12-14.50N 080-38.66E, 12-30.74N 080-35.39E from 01 to 04 Jun 23 (b) 13-01.42N 080-18.02E, 13-00.11N 080-25.70E, 12-53.34N 080-26.93E, 12-50.94N 080-26.81E, 12-33.97N 080-37.62E, 12-30.74N 080-35.39E, 12-50.70N 080-25.25E, 12-59.10N 080-24.92E, 13-00.70N 080-17.88E from 05 to 15 Jun 23. Length of tow 250 meters from stern. Wide berth requested.</p> <p>2. Cancel this MSG 151830 UTC Jun 23.</p>
<p>537. India East Coast - off Puducherry. Charts IN 32 357 INT 7397. Oceanic Sirius will carry out seismic survey from 01 to 30 Jun 23 in area bounded by 11-45.28N 080-17.36E, 11-30.89N 080-31.05E, 11-06.30N 080-31.28E, 11-06.26N 079-58.09E, 11-24.76N 079-52.45E, 11-35.96N 079-52.64E, 11-45.26N 079-55.85E. Wide berth requested.</p> <p>2. Cancel NAVAREA VIII MSG 444/23 and this MSG 301830 UTC Jun 23.</p>

SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

West Coast of India Pilot (INP-1)

Chapter - 8 (Page 333-334)

Mul Dwarka Port

Article 8.208, para 1, lines 3-4, Edit and replace by:

Kodinar town and 45 km South-West of Veraval port. Seaward limits of the port extend up to 20 contour.

Article 8.209, para 2, lines 3-5, Edit and replace by:
berthing. Tugs join vessel at the breakwater. (The tugs are hired on contractual basis. The names of the tugs may vary from Time-to-Time and to be ascertained from Port Control). The tugs normally operate on MMB channel 15.

Article 8.212, para 1, lines 4, edit and replace by
Kodinar, Distt. Gir Somnath, Gujarat – 362 715

Bay of Bengal Pilot (INP-2)

Chapter - 8 (Page 288 - 289)

Article 8.40, para 4, lines 2-3, Edit and replace by:

. . . is exhibited from a lattice mast with black and white bands which is 12m high. The lighthouse is located on

Article 8.40, para 5, delete and replace by:

5 ***South Reef Island**, 1 mile SSW of **Nancy Point** (12° 46'.94 N, 92° 40'.1 E), is wooded and lies on a stony spit, with a shoal depths of 7m extending 1.35 miles S from the island. Island is separated from Nancy Point with a wide shallow patch with least depth of 2m.*

Article 8.41, para 2, delete and replace by:

2 ***Buchanan Passage**, a narrow channel separating Anderson Island from the mainland E, is encumbered at its S entrance with reefs and is unsuitable even for anchorage. Passage is comprised of snags and mangroves on the banks. Islands inside passage are covered with trees and fringed all round by mangroves. Deeper depths lie upto 12m south of Mask Island at the entrance of Buchanan Passage and rocks awash lies 7.5 cables SSE. Passage can be navigated by shallow draft vessels with local knowledge from the eastern side of “**Vardhan Island**” and western side of “**Chiven Island**”.*

Article 8.42, para 6, delete and replace by:

6 ***Tuft Island** (12° 41'.3N, 92° 43' E), a sandy islet 0.5m high, lies two miles S of **Mask Point** (12° 43' N, 92° 42'.9E), **Point Thomas** lies 2.8 miles SSE of Mask Point. Tuft islet can be seen during low tide as a white sandy patch and sea breaks heavily over it during high tide.*

Islet is fringed all round by extended reefs with rocks awash lying 500m west of islet.

Article 8.42, para 7, lines 2, Edit and replace by:

extremity of a promontory, lies 6½ miles SSW of Mask Point.

Article 8.42, para 8, 9, delete and replace by:

8 ***Hump Island** (12° 38'.2N, 92° 42'.2 E) lies about 1.4 miles NNE of Rocky Point. Island is uninhabited and is densely wooded with sandy coast. Reef around the island is observed to have extended upto 200m into sea all around the island except SE portion where reef extension is upto 90m.*

9 ***Flat Island** lies 4.4 miles S of Rocky point. Island is uninhabited and separated from main land by a narrow passage of 270m width. Island is low, flat, wooded and marshy. Island is fringed with reefs extending 1.1 miles to N, 5 cables to W, 1.1 miles to S, 3 cables to E surrounding the island.*

SECTION – VII

CORRECTINS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteri stics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
F0563.5	Kelshi (Anjarle)	17 51.74 N 73 04.93 E	FI W 15s	57	23	White tower, black bands	
						*	
F1210.5	- Chiriyatapu Island	11 28.84 N 92 42.65 E	FI(2)W 10s	52	10	White concrete tower, black bands 37	
							*
F1685.8	- Serebut	01 14.83 N 103 42.09 E	FI(2)R 10s	9	R 8 R 5	Red □ on red metal round tower on piles	Dual intensity, alternates between 8M and 5M
					*		*
F1686	- Sinki	01 14.05 N 103 43.31 E	FI(3)G 15s	8	G 8 G 5	Green concrete framework tower	Dual intensity, alternates between 8M and 5M
	- -	..	AIS	MMSI No 005631128
					*		*
F1695	- Sebarok	01 11.87 N 103 48.43 E	FI R 5s	8	R 8 R 5	Red beacon	See F1694.9. Dual intensity, alternates between 8M and 5M
		..	AIS	MMSI No 995630022
					*		*
F1772.15	- - No 3	01 09.81 N 104 08.87 E	FI G 3s	9	5	Green △ on green beacon	..
			*				*
F1772.2	- - No 4	01 09.76 N 104 08.85 E	FI R 2s	9	5	Red □ on red beacon	..
			*				*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2019

(Last correction: Edition No. 09 dated 01 May 2023)

NIL

INP 31(2), 2019

(Last correction: Edition No. 07 dated 01 Apr 2023)

PAGES 91, Iran

Delete entry and replace by:

Iran	-3½	*		
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PAGES 92, Jordan

Delete entry and replace by:

Jordan	-3	*		
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INP 31(5), 2017

(Last correction: Edition No. 24 dated 16 Dec 2021)

NIL

INP 31(6), 2018

(Last correction: Edition No. 10 dated 16 May 2023)

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.

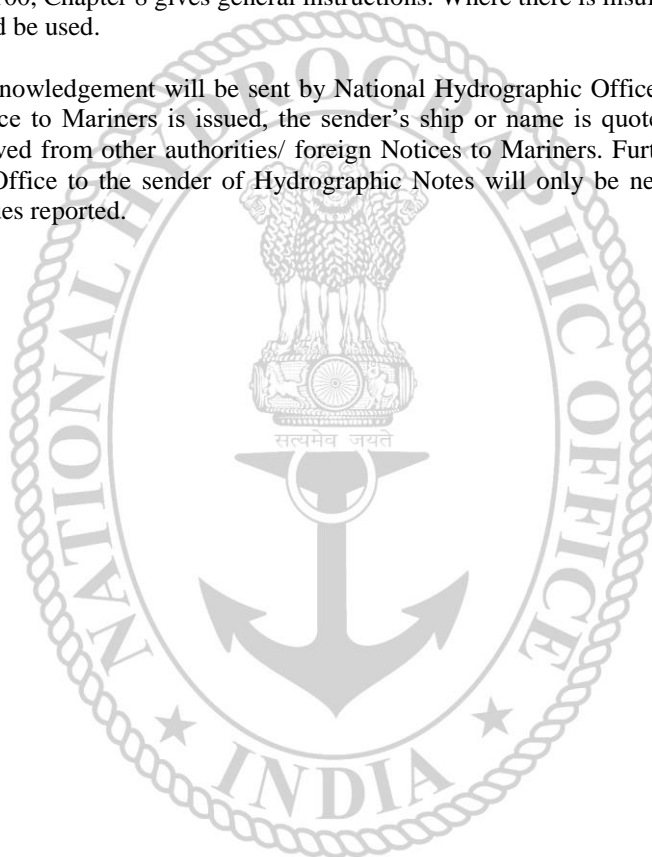
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

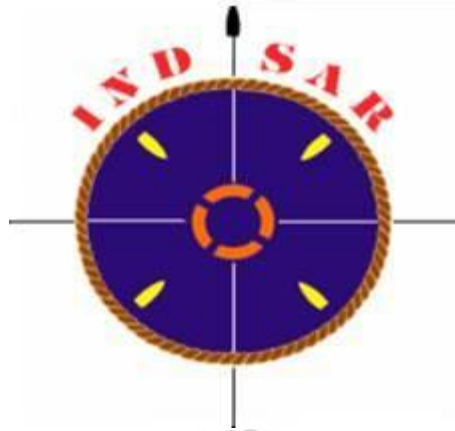


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes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