



# INDIAN NOTICES TO MARINERS



EDITION NO. 12 DATED 16 JUN 2021

(CONTAINS NOTICES 131 TO 139)

REACH US 24 x 7



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

**FEEDBACK:** [msis-inho@navy.gov.in](mailto: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 Charts that are available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
259	15-03-2021	<b>BADAGARA TO KOCHI LIMIT</b> 09° 48'.00N; 73° 48'.00E. 11° 36'.00N; 76° 35'.00E.	3,00,000	4	Rs. 1950.00
4185	15-03-2021	<b>PIGEON ISLAND LIMIT</b> 06° 59'.40N; 93° 51'.70E. 07° 12'.80N; 94° 00'.40E.	25,000	6	Rs. 1950.00

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 &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
251	31-03-2021	<b>SIR CREEK TO DWARKA LIMIT</b> 22° 13'.00N; 66° 21'.00E. 23° 54'.50N; 69° 06'.50E.	3,00,000	2	Rs. 1950.00
4182	15-03-2021	<b>CAMPBELL BAY AND ANDERSON BAY LIMIT</b> 06° 47'.50N; 93° 52'.80E. 07° 00'.90N; 94° 01'.50E.	25,000	6	Rs. 1950.00
4184	15-03-2021	<b>TRINKAT CHAMPLONG BAY LIMIT</b> 07° 11'.00N; 93° 41'.10E. 07° 19'.80N; 93° 54'.50E.	25,000	6	Rs. 1950.00

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>
251	31-07-2012	SIR CREEK TO DWARKA	251	31-03-2021
259	15-09-2019	BADAGARA TO KOCHI (COCHIN)	259	15-03-2021
4182	15-12-2014	CAMPBELL BAY ANDERSON BAY	4182	15-03-2021
4184	15-03-2015	TRINKAT CHAMPLONG BAY	4184	15-03-2021

## VI

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>
IN2251AA	251	SIR CREEK TO DWARKA	10-06-2021
IN2258AA	258	KUNDAPUR TO BADAGARA	08-06-2021
IN2259AB	259	BADAGARA TO KOCHI	10-06-2021
IN54184A	4184	TRINKAT CHAMPLONG BAY	08-06-2021
IN54185A	4185	PIGEON ISLAND	08-06-2021

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN54182C	4182	CAMPBELL BAY AND ANDERSON BAY	08-06-2021

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>
IN2251RD	251	SIR CREEK TO DWARKA	23-04-2019
IN2258KU	258	KUNDAPUR TO BADAGARA	08-11-2019
IN2259BO	259	BADAGARA TO KOCHI	08-11-2019
IN54182C	4182	CAMPBELL BAY AND ANDERSON BAY	31-12-2014
IN54184T	4184	TRINKAT CHAMPLONG BAY	17-04-2015

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2039	GULF OF KHAMBHAT NORTHERN PORTION	75,000	NEW EDITION
2550	PORT VICTORIA	7,500	NEW EDITION
2556	INNER APP. TO PORT VICTORIA	12,500	NEW CHART

## VII

### Availability of ENC's

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

<b>United Kingdom Hydrographic Office</b> Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Web site: <a href="http://www.hydro.gov.uk">www.hydro.gov.uk</a>	<b>Navico Norway AS</b> Elganeveien 1, 4370 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: <a href="mailto:enc@c-map.com">enc@c-map.com</a> , <a href="mailto:info@c-map.co.no">info@c-map.co.no</a> Website: <a href="http://www.c-map.com">www.c-map.com</a>
<b>M/s Primar</b> Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: <a href="mailto:data@ecc.no">data@ecc.no</a> Website: - <a href="http://www.primar.org">www.primar.org</a>	<b>M/s IIC Technologies Limited</b> B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad - 500 034 Telangana Tel:+91 4039144444 Fax: +91 4039144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a>



**SECTION – I**

The list of charts affected by the Notices 131 to 139 contained in this edition is as follows:-

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
21	2	131, 133, 134
22 (INT 752)	3	132, 134, 135, 137
33 (INT 755)	5	136
41 (INT 757)	6	136
202	2	138 (T)
206	2	131, 133
207	2	133
210	3	138 (T)
211	3	134, 138 (T)
251 (INT 7318)	2	138 (T)
253 (INT 7328)	2	131, 133, 138 (T)
254 (INT 7331)	3	138 (T)
255 (INT 7334)	3	134, 138 (T)
256 (INT 7340)	3	138 (T)
258 (INT 7348)	4	132
268 (INT 7353)	4	135
271	2	138 (T)
272	4	132
273	4	135, 137
292 (INT 7021)	2	131, 133, 134, 138 (T)
293 (INT 7022)	3	138 (T)
294 (INT 7023)	3	132
354 (INT 7408)	5	139 (T)
355 (INT 7405)	5	139 (T)
391	5	139 (T)
409 (INT 7448)	6	137
407	6	136
472 (INT 7032)	6	136
2016 (INT 7336)	3	134
3042	5	139 (T)
4034	6	137
4162	6	136



**SECTION – II**  
**PERMANENT NOTICES**

**\*131 (12/21) INDIA – WEST COAST – Veraval to Diu Head – Wreck.**

Source: NHO, Dehradun

**Chart 21** [*previous update 123/21*]

Insert



20° 22'·00N., 070° 06'·78E.

**Chart 292 (INT 7021)** [*previous update 123/21*]

Insert



20° 22'·00N., 070° 06'·78E.

**Chart 253 (INT 7328)** [*previous update 123/21*]

Insert



20° 22'·00N., 070° 06'·78E.

**Chart 206** [*previous update 098/21*]

Insert



20° 22'·00N., 070° 06'·78E.

**\*132 (12/21) INDIA – WEST COAST – Kundapura to Badagara – Wreck.**

Source: Indian Coast Guard.

**Chart 22 (INT 752)** [*previous update 122/21*]

Insert



12° 56'·15N., 074° 02'·03E.

**Chart 294 (INT 7023)** [*previous update 122/21*]

Insert



12° 56'·15N., 074° 02'·03E.

**Chart 272** [*previous update 122/21*]

Insert



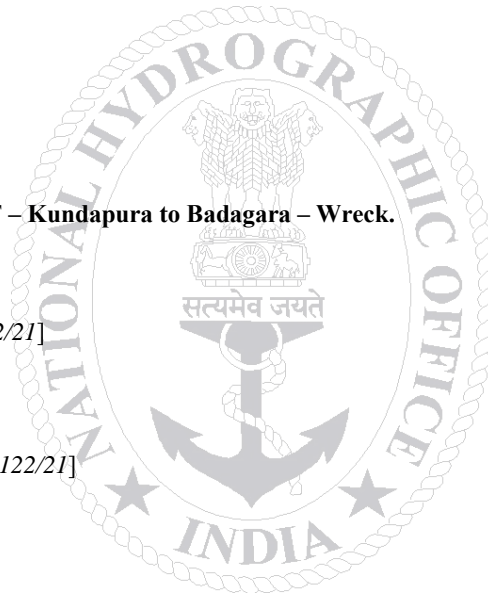
12° 56'·15N., 074° 02'·03E.

**Chart 258 (INT 7348)** [*previous update 122/21*]

Insert



12° 56'·15N., 074° 02'·03E.

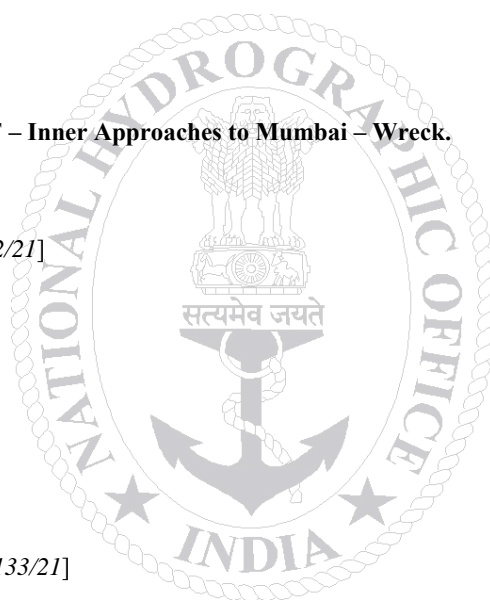


**\*133 (12/21) INDIA – WEST COAST – Veraval to Diu Head – Wreck.**

Source: Indian Coast Guard.

**Chart 21** [previous update 131/21]Insert  PA 20° 31'·92N., 070° 51'·53E.**Chart 292 (INT 7021)** [previous update 131/21]Insert  PA 20° 31'·92N., 070° 51'·53E.**Chart 253 (INT 7328)** [previous update 131/21]Insert  PA 20° 31'·92N., 070° 51'·53E.**Chart 207** [previous update 167/20]Insert  PA 20° 31'·92N., 070° 51'·53E.**Chart 206** [previous update 131/21]Insert  PA 20° 31'·92N., 070° 51'·53E.**\*134 (12/21) INDIA – WEST COAST – Inner Approaches to Mumbai – Wreck.**

Source: INS Makar.

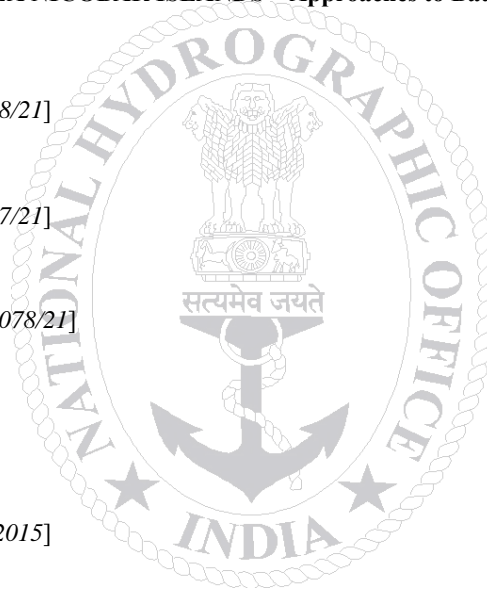
**Chart 22 (INT 752)** [previous update 132/21]Insert  19° 00'·78N., 072° 31'·05E. 19° 15'·37N., 072° 20'·36E.**Chart 21** [previous update 133/21]Insert  19° 00'·78N., 072° 31'·05E. 19° 15'·37N., 072° 20'·36E.**Chart 292 (INT 7021)** [previous update 133/21]Insert  19° 00'·78N., 072° 31'·05E. 19° 15'·37N., 072° 20'·36E.**Chart 255 (INT 7334)** [previous update 108/21]Insert  19° 00'·78N., 072° 31'·05E. 19° 15'·37N., 072° 20'·36E.**Chart 211** [previous update 108/21]Insert  19° 00'·78N., 072° 31'·05E. 19° 15'·37N., 072° 20'·36E.**Chart 2016 (INT 7336)** [previous update 061/21]Insert  19° 00'·78N., 072° 31'·05E.

**\*135 (12/21) INDIA OCEAN – Central Lakshadweep – Wreck.**

Source: Indian Coast Guard.

**Chart 22 (INT 752)** [previous update 134/21]Insert  *PA* 10° 04'·00N., 073° 23'·00E.**Chart 273** [previous update 073/21]Insert  *PA* 10° 04'·00N., 073° 23'·00E.**Chart 268 (INT 7353)** [previous update 126/21]Insert  *PA* 10° 04'·00N., 073° 23'·00E.**\*136 (12/21) INDIA – ANDAMAN SEA NICOBAR ISLANDS – Approaches to Batti Malav Island – Wreck.**

Source: Indian Coast Guard.

**Chart 41 (INT 757)** [previous update 078/21]Insert  *PA* 08° 47'·78N., 092° 47'·09E.**Chart 33 (INT 755)** [previous update 107/21]Insert  *PA* 08° 47'·78N., 092° 47'·09E.**Chart 472 (INT 7032)** [previous update 078/21]Insert  *PA* 08° 47'·78N., 092° 47'·09E.**Chart 407** [previous update 078/21]Insert  *PA* 08° 47'·78N., 092° 47'·09E.**Chart 4162** [previous update NE 31 Jan 2015]Insert  *PA* 08° 47'·78N., 092° 47'·09E.

*137 (12/21)		Miscellaneous updates to charts.
Source: NHO Dehradun.		
Chart No.	Previous Updates	Details
22 (INT 752)	135/21	Insert Chart No. 259 and Magenta limit as follows: 09° 48'·00N., 73° 48'·00E. 09° 48'·00N., 76° 35'·00E. 11° 36'·00N., 76° 35'·00E. 11° 36'·00N., 73° 48'·00E.. 09° 48'·00N., 73° 48'·00E.
		Delete Chart No. 259 and Magenta limit as follows: 08° 51'·00N., 74° 42'·00E. 08° 51'·00N., 76° 35'·00E. 11° 39'·00N., 76° 35'·00E. 11° 39'·00N., 74° 42'·00E. 08° 51'·00N., 74° 42'·00E..
273	135/21	Insert Chart No. 259 and Magenta limit as follows: 09° 48'·00N., 74° 46'·30E. 09° 48'·00N., 73° 48'·00E. 11° 17'·30N., 73° 48'·00E.
		Delete Chart No. 259 and Magenta limit as follows: 08° 51'·00N., 74° 46'·30E. 08° 51'·00N., 74° 42'·00E. 11° 17'·30N., 74° 46'·30E.
4034	077/15	Insert Chart No. 4185 and Magenta limit as follows: 07° 05'·60N., 93° 51'·70E. 07° 12'·80N., 93° 51'·70E. 07° 12'·80N., 93° 57'·20E.
409 (INT 7448)	131/18	Insert Chart No. 4185 and Magenta limit as follows: 06° 59'·40N., 93° 51'·70E. 06° 59'·40N., 94° 00'·40E. 07° 12'·80N., 94° 00'·40E. 07° 12'·80N., 93° 51'·70E.. 06° 59'·40N., 93° 51'·70E..

**Section – III****TEMPORARY AND PRELIMINARY NOTICES**

**\*138 (T) (12/21) INDIA – WEST COAST – Arabian Sea – Oil Rigs.**

Source: NCD, Mumbai.

1. List of Oil Rigs is as follows:-

<b>Rig Name</b>	<b>Position</b>
Aban III	19° 27'.35N., 71° 17'.94E.
Aban IV	19° 31'.84N., 71° 24'.92E.
CE Thornton	18° 29'.86N., 72° 15'.01E.
Discovery 1	19° 21'.10N., 71° 47'.20E.
DS Fossil	18° 43'.09N., 72° 19'.12E.
FG McIntok	18° 34'.11N., 72° 13'.45E.
Foresight Driller IX	19° 12'.64N., 70° 56'.05E.
Great Drill Chaaru	18° 33'.72N., 72° 17'.66E.
Great Drill Chetna	20° 29'.65N., 71° 39'.68E.
Great Drill Chaaya	18° 51'.69N., 72° 50'.85E.
Jindal Explorer	18° 08'.20N., 72° 19'.98E.
Jindal Star	18° 37'.93N., 72° 14'.22E.
Jindal Supreme	19° 37'.97N., 71° 41'.39E.
JT Angel	18° 04'.38N., 72° 25'.99E.
Parameswara	20° 06'.74N., 71° 42'.27E.
Ron Tappmeyer	19° 11'.05N., 72° 11'.21E.
Sagar Jyoti	19° 43'.76N., 71° 31'.80E.
Sagar Kiran	18° 58'.72N., 71° 32'.45E.
Sagar Ratna	20° 06'.42N., 72° 15'.79E.
Sagar Shakti	18° 53'.27N., 71° 52'.53E.
Sagar Udhay	19° 33'.57N., 71° 43'.21E.
Trident 2	19° 42'.05N., 71° 37'.59E.
Valiant Driller	19° 34'.71N., 71° 23'.15E.
Vivekananda 1	19° 11'.99N., 72° 11'.00E.
Vivekananda 2	20° 14'.88N., 71° 57'.77E.
Virtue 1	19° 14'.62N., 70° 53'.04E.

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

3. All positions referred to WGS 84 datum.

**Charts Affected – 292 (INT 7021) – 293 (INT 7022) – 271 – 251 (INT 7318) – 253 (INT 7328) – 254 (INT 7331) – 255 (INT 7334) – 256 (INT 7340) – 210 – 211 – 202.**

***Former INTM 127 (T)/21 is cancelled.***

**\*139 (T) (12/21) INDIA – EAST COAST – Bay of Bengal – Oil Rigs.**

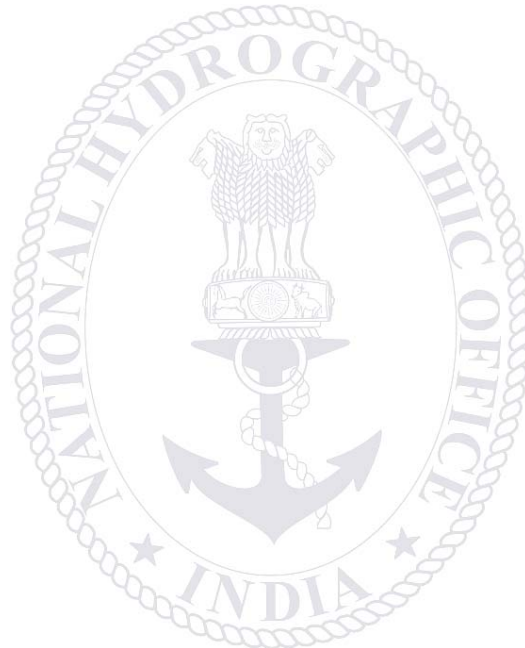
Source: NCD, Mumbai.

1. List of Oil Rigs is as follows:-

<b>Rig Name</b>	<b>Position</b>
Aban II	16° 40'·40N., 82° 24'·29E.
Deep driller 8	16° 40'·13N., 82° 25'·73E.
DS Fortune	16° 22'·42N., 81° 58'·66E.
Olinda Star	16° 27'·45N., 82° 25'·60E.
DDKG 1	16° 31'·69N., 82° 35'·90E.
SSV Louisiana	16° 08'·50N., 82° 18'·30E.
Platinum Explorer	15° 05'·92N., 82° 06'·44E.

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

3. All positions referred to WGS 84 datum.

**Charts Affected – 391 – 354 (INT 7408) – 355 (INT 7405) – 3042.*****Former INTM 128(T)/21 is cancelled.***

## SECTION – IV

### MARINE INFORMATION

#### 1. NAVTEX TRANSMISSION

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

Mauritius (Cassis)	- Operational
Seychelles (Mahe)	- Operational
Bangladesh (Kuakata)	- Operational

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

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

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

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

#### 3. DISPLAY ANOMALIES IN ECDIS

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

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

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

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

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

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

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

#### 6. **USAGE OF THURAYA/ IRIDIUM AND SATELLITE PHONE**

- (a) The use of Thuraya, Iridium and other such satellite phone is banned in India under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act. It is intimated to all shipping companies/ shipping agents that use of Thuraya/ Iridium and other such satellite phones are banned in Indian waters and seafarers should not use the same.
- (b) Satellite phones can be used only after no objections certificate issued by department of telecommunication (DOT) on a case to case basis. The shipping agents should mandatorily intimate the details of person carrying Thuraya and the particulars of Thuraya, Iridium and other such sets in Pre Arrival Notification on Security (PANS).
- (c) The unauthorized holders of Thuraya/ Iridium and other such Satellite phones can be prosecuted under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act.

#### 7. **CAUTIONARY NOTE**

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

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

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



- (d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.

### List of Indian Chart Agents

<p><b>OSA Books and Periodicals</b> R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: <a href="mailto:rpani246@gmail.com">rpani246@gmail.com</a></p>	<p><b>M/s VDO Marine Insrtuments</b> Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow &amp; Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: <a href="mailto:atmain@md4.vsnl.net.in">atmain@md4.vsnl.net.in</a></p>
<p><b>M/s Global Charts &amp; Nav. Aids Pvt. Limited</b> 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a></p>	<p><b>SMS Marine Private Ltd</b> 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> , <a href="mailto:raj.chakravorty@smsmap.com">raj.chakravorty@smsmap.com</a> Web: <a href="http://www.smsmaps.co.in">www.smsmaps.co.in</a></p>
<p><b>M/s C &amp; C Marine Combine</b> 25 Bank Street, 1<sup>st</sup> Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: <a href="mailto:vijay@ccmarine.in">vijay@ccmarine.in</a>, <a href="mailto:sales@ccmarine.in">sales@ccmarine.in</a></p>	<p><b>M/s Global Marine Infratech Pvt. Ltd.</b> SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: <a href="mailto:tusarkantha@gmiindia.in">tusarkantha@gmiindia.in</a> Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a></p>
<p><b>M/s JM Maritime Services</b> 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> , <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a></p>	<p><b>L. R. Marine Services</b> 301, 3rd Floor, Biry House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: <a href="mailto:lrcharts@gmail.com">lrcharts@gmail.com</a>, <a href="mailto:lrmarine@live.com">lrmarine@live.com</a></p>
<p><b>M/s Lift o Marine</b> Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a>, <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a></p>	<p><b>IIC Technologies Limited</b> 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a></p>
<p><b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani'sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: <a href="mailto:zenithsurveys703@gmail.com">zenithsurveys703@gmail.com</a> <a href="mailto:nyvmane@yahoo.com">nyvmane@yahoo.com</a> Web: <a href="http://www.zenithsurvey.com">www.zenithsurvey.com</a></p>	

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

1. For details of NAVAREA limits and organisation/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2020.

2. NAVAREA VIII Warnings in force as on 15 Jun 21:-

**2020 SERIES** - 333 384 442 515 593 630 690 691 751 753 757

**2021 SERIES** - 016 017 025 079 147 170 205 286 315 340 361 384 387 392 400 410 411 420 422  
432 433 434 435 439 440 441 445 446 447 457 459 463 464 465 468 469 470 472 473 474

3. NAVAREA VIII Warnings issued during the period from 01 Jun to 15 Jun 21 (both dates inclusive) are as tabulated below:-

<p><b>431. Indian ocean - off Reunion.</b> Charts IN 7702 BA 712 INT 702. Exercise scheduled ON 03 Jun 21 from 0600 to 1400 UTC in danger area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E. Wide berth from area advised. 2. Cancel this MSG 031500 UTC Jun 21.</p>
<p><b>432. India West Coast - Kochi.</b> Charts IN 22 220 259 2004 2029 INT 7356. Firing scheduled ON (A) 04, 11,18, 25 Jun 21 from 0900 to 1200 UTC and 1230 to 1430 UTC (B) 07, 14, 21, 28 Jun 21 from 0900 to 1200 UTC in danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E. Wide berth from area advised. 2. Cancel this MSG 281300 UTC Jun 21.</p>
<p><b>433. India East Coast.</b> Charts IN 3009 3042 INT 7408. Vakalpudi (17-00.83N 082-16.58E) Navtex transmitter off.</p>
<p><b>434. India West Coast - Diu.</b> Charts IN 207 253 INT 7328. LT (20-42.8N 070-59.8E) unlit.</p>
<p><b>435. India West Coast.</b> Charts IN 21 255 292 INT 7334. Rig Move. Sagar Kiran (18-58.72N 071-32.45E). Refer to 127(T) of INTM 11/21. Wide berth requested.</p>
<p><b>436. Cancel NAVAREA VIII MSG 388/21 and this MSG.</b></p>
<p><b>437. Cancel NAVAREA VIII MSG 250/21, 385/21, 391/21, 419/21 and this MSG. INTM 122/21, 127(T)/21, 128(T)/21 OF 11/21 refers.</b></p>
<p><b>438. Sri Lanka West Coast - off Colombo.</b> Charts IN 32 263 INT 7383. MV X-Press pearl reported partially submerged with containers floating/submerged in approximate position 07-04N 079-45E AT 020400 UTC Jun 21. 2. Cancel NAVAREA VIII MSG 405/21.</p>
<p><b>439. India West Coast - Valsad Khadi.</b> Charts IN 209 254 INT 7021. LT (20-37.88N 072-53.18E) operating at reduced intensity.</p>
<p><b>440. India West Coast.</b> Charts IN 255 292 INT 7334. Rig Move. Trident 2 (19-42.05N 071-37.59E). Refer to 127(T) of INTM 11/21. Wide berth requested.</p>
<p><b>441. India East Coast.</b> Charts IN 31 355 391 INT 7405. Rig Move. SSV Louisiana (16-08.5N 082-18.3E). Refer to 128(T) of INTM 11/21. Wide berth requested.</p>
<p><b>442. India West Coast.</b> Rig Move. GD Chaaya demobilised. Refer to 127(T) of INTM 11/21. 2. Cancel this MSG 051000 UTC Jun 21.</p>
<p><b>443. Indian Ocean - off Reunion.</b> Charts IN 7702 BA 712 INT 702. Exercise scheduled on 05 Jun 21 from 0430 to 0830 UTC in danger area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E. Wide berth from area advised. 2. Cancel NAVAREA VIII MSG 431/21 and this MSG 050930 UTC Jun 21.</p>
<p><b>444. Indian ocean - off Srilanka.</b> Charts IN 264 7073 7707 INT 707. Capsized srilankan fishing vessel reported adrift 05-24N 080-01E at 020330 UTC JUN 21. Crew rescued. 2. Cancel this MSG 050330 UTC Jun 21.</p>
<p><b>445. India East Coast.</b> Charts IN 31 355 INT 7405. Rig manned and re-active. Olinda Star (16-27.45N 082-25.6E), Aban II (16-40.4N 082-24.29E), DS Fortune (16-22.42N 081-58.66E). Refer to 128(T) OF INTM 11/21. Wide berth requested. 2. Cancel NAVAREA VIII MSG 408/21.</p>
<p><b>446. India West Coast.</b> Charts IN 21 255 INT 7334. Rig Move. Sagar Shakti (18-53.27N 071-52.53E). Refer to 127(T) of INTM 11/21. Wide berth requested.</p>
<p><b>447. Sri Lanka West Coast - off Colombo.</b> Charts IN 32 263 INT 7383. MV X-press pearl shipwrecked in position 07-04.87N 079-46.77E following fire on board. Vessels advised to keep well clear and exercise caution. 2. Cancel NAVAREA VIII MSG 438/21.</p>

<p><b>448. India East Coast - off Balasore.</b> CHARTS IN 31 351 352 3017 3037 INT 756. Firing by IAF scheduled from 07 to 11 Jun, 14 to 19 Jun 21 from 0430 to 0730 UTC in danger area bounded by (A) 21-41N 087-44E (B) 20-57N 086-53E (C) 20-56N 086-55E (D) 21-02N 087-13E (E) 20-56N 087-16E (F) 20-47N 087-02E (G) 20-48N 086-56E (H) 20-12N 087-19E (J) 20-00N 087-59E (K) 20-35N 087-40E (L) 21-24N 087-38E. Danger area extending upto coastline joining point A and B. Wide berth from area advised. 2. Cancel this MSG 190830 UTC Jun 21.</p>
<p><b>449. India East Coast - off Balasore.</b> Charts IN 31 301 351 3011 INT 7419. IAF exercise scheduled from 07 to 11 Jun, 14 to 19 Jun 21 from 0830 to 1130 UTC in danger area bounded by (A) 20-57N 086-54E (B) 21-41N 087-54E (C) 21-31N 087-42E (D) 21-13N 087-23E. Danger area extending upto coastline joining point A and B. Wide berth from area advised. 2. Cancel this MSG 191230 UTC Jun 21.</p>
<p><b>450. India West Coast – Kayamkulam.</b> Charts IN 221 259 INT 7356. New LT FL (3) W 20S established 09-08.24N 076-27.44E.</p>
<p><b>451. Andaman Sea - Car Nicobar.</b> Charts IN 407 4161 INT 7445. Keating Point (09-15.36N 092-46.5E) DGPS transmission will be switched off on 05 Jun 21 from 0030 to 1030 UTC for maintenance. 2. Cancel THIS MSG 051030 UTC Jun 21.</p>
<p><b>452. Cancel NAVAREA VIII MSG 443/21 and this MSG.</b></p>
<p><b>453. NAVAREA VIII - Warnings in force as on 04 Jun 2021:-</b> <b>2020 Series</b> - 329 333 384 442 444 515 593 630 690 691 751 753 757 <b>2021 Series</b> - 016 017 025 079 147 170 205 246 286 315 340 361 384 387 392 400 406 410 411 420 422 424 427 432 433 434 435 439 440 441 442 444 445 446 447 448 449 450 451 452 (A) NAVAREA VIII Warnings less than 42 days promulgated via safety net. (B) Text of NAVAREA VIII warning in force including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 111000 UTC Jun 21.</p>
<p><b>454. Arabian Sea.</b> Chart IN 7072 INT 72. Data Buoy AD08 reported adrift 11-59.3N 068-40.7E at 040300 UTC Jun 21. 2. Cancel this MSG 070300 UTC Jun 21.</p>
<p><b>455 Bay of Bengal.</b> Chart IN 33 INT 755. Partially submerged srilankan fishing boat nadeshan reported adrift 11-52.87N 083-56.3E at 060745 UTC Jun 21. Vessels advised to exercise caution. 2. Cancel this MSG 090745 UTC Jun 21.</p>
<p><b>456. Andaman Sea - off Barren.</b> Charts IN 41 473 INT 7031. Firing by CG Aircraft scheduled on 10, 11 Jun 21 from 0330 to 0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 111030 UTC Jun 21.</p>
<p><b>457. India West Coast.</b> Charts IN 21 210 254 292 INT 7331. Rig Move. Sagar Ratna (20-06.42N 072-15.79E). Refer to 127(T) of INTM 11/21. Wide berth requested.</p>
<p><b>458. India East Coast – Nagapattinam.</b> Chart IN 3007 INT 7397. DGPS (10-46N 079-51E) transmission will be off for maintenance.</p>
<p><b>459. India West Coast - Salaya HR.</b> Charts IN 21 203 252 2051 INT 7333. Kalubhar Tapu LT (22-26N 069-35E) unlit</p>
<p><b>460. Indian ocean - off Reunion.</b> Charts IN 7702 BA 712 INT 702. Exercise scheduled on 10 Jun 21 from 0400 to 0600 UTC in danger area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E. Wide berth from area advised. 2. Cancel this MSG 100700 UTC Jun 21.</p>
<p><b>461. Cancel NAVAREA VIII MSG 458/21 and this MSG.</b></p>
<p><b>462. Cancel NAVAREA VIII MSG 448/21, 449/21 and this MSG.</b></p>
<p><b>463. Bay of Bengal - Rabnabad Channel.</b> Charts IN 31 BA 90 INT 756. Buoy 11 relaid 21-36.59N 090-12.99E, Buoy 26 relaid 21-51.81N 090-16.05E. 2. Cancel NAVAREA VIII MSG 329/20.</p>
<p><b>464. India East Coast - off Chennai.</b> Charts IN 32 313 356 357 INT 7400. Firing by CG aircraft scheduled on 14, 15, 16 Jun 21 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 161230 UTC Jun 21.</p>
<p><b>465. India West Coast – Valiyazhikal.</b> Charts IN 221 259 INT 7356. New LT FL(3)W 20S established 09-08.4108N 076-27.7268E. 2. Cancel NAVAREA VIII MSG 450/21.</p>
<p><b>466. Cancel NAVAREA VIII MSG 444/20 and this MSG.</b></p>
<p><b>467. Arabian Sea.</b> Chart IN 7072 INT 72. Data buoy AD08 reported adrift 11-45.17N 070-19.87E at 110600 UTC Jun 21. 2. Cancel this MSG 140600 UTC Jun 21.</p>
<p><b>468. NAVAREA VIII - Warnings in force as on 11 Jun 2021:-</b> <b>2020 Series</b> - 333 384 442 515 593 630 690 691 751 753 757 <b>2021 Series</b> - 016 017 025 079 147 170 205 246 286 315 340 361 384 387 392 400 406 410 411 420</p>

<p><b>468. Continued.</b> 422 424 432 433 434 435 439 440 441 445 446 447 457 459 463 464 465 466 467 (A) NAVAREA VIII Warnings less than 42 days promulgated via safety net. (B) Text of NAVAREA VIII warning in force including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 181000 UTC Jun 21.</p>
<p><b>469. India West Coast - off Daman.</b> Charts IN 21 209 254 292 INT 7331. Firing by CG Aircraft scheduled on 16, 17 Jun 21 from 0230 to 1130 UTC in danger area bounded within 20-26N TO 20-40N and 072-27E TO 072-40E. Wide berth from area advised. 2. Cancel this MSG 171230 UTC Jun 21.</p>
<p><b>470. India West Coast - Okha.</b> Charts IN 21 202 203 2068 INT 7319. Firing scheduled on 16 JUN 21 from 0530 to 0730 UTC in danger sector extending upto 12 NM within bearing 270 TO 020 FROM 22-28.75N 069-04.05E. Wide berth from area advised. 2. Cancel this MSG 160830 UTC Jun 21.</p>
<p><b>471. Indian Ocean - off Reunion.</b> Charts IN 7702 BA 712 INT 702. Exercise scheduled on 15 Jun 21 from 0300 to 2000 UTC IN danger area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E. Wide berth from area advised. 2. Cancel this MSG 152100 UTC Jun 21.</p>
<p><b>472. India West Coast.</b> Charts IN 21 254 256 292 INT 7021. Rig Move. GD Chetna (20-29.65N 071-39.68E), JT Angel (18-04.38N 072-25.99E). Refer to 127(T) of INTM 11/21. Wide berth requested.</p>
<p><b>473. Andaman Sea - off Barren.</b> Charts IN 41 473 INT 7031. Firing by CG aircraft scheduled on 17, 18 Jun 21 from 0330 to 0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 181030 UTC Jun 21.</p>
<p><b>474. India West Coast - Pandiyantivu.</b> Charts IN 224 2075 INT 7366. DGPS (08-47.14N 078-11.83E) transmission will be switched off on 16 Jun 21 from 0030 to 1230 UTC for maintenance. 2. Cancel this MSG 161230 UTC Jun 21.</p>

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

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

**Chapter - 2 (Page 118)**

(Source: Adani Krishnapatnam Port Ltd.)

*Article 2.106, delete para 10 and replace by:*

*10*      **Port Authority**  
Deputy Conservator,  
Adani Krishnapatnam Port Limited (AKPL)  
Post Box No.-1, Muthukur mandal  
Dist. Nellore - 524344, Andhra Pradesh, India  
Tele: +91 861 237 7999 (Extn. 40109)  
Fax: +91 861 237 7046  
E-Mail: kpcl.poc@adaniports.com  
Web: www.adaniports.com



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

**INP 31(1), 2019**

(Last correction: Edition No. 11 dated 01 Jun 2021)

**PAGE 56, COAST RADIO STATIONS, SOUTH AFRICA,  
 CAPE TOWN (Including DURBAN and PORT ELIZABETH), RT (MF) Table.**

Delete table

(Source: BA 24/21)

(12/21)

**INP 31(2), 2019**

(Last correction: Edition No. 11 dated 01 Jun 2021)

NIL

**INP 31(5), 2017**

( Last correction: Edition No. 11 dated 01 Jun 2021)

NIL

**INP 31(6), 2018**

( Last correction: Edition No. 11 dated 01 Jun 2021)

**PAGE 51, INDIA, KRISHNAPATNAM,**

Delete entry including existing section VIII, Notice no.

11/21 and replace by:

**KRISHNAPATNAM**

14°15'N 80°08'E

Pilots and Port

CONTACT DETAILS:

**Port Control**

VHF Channel: Ch 12 (Primary), 13/14 (Secondary)

Telephone: +91(0) 9704123311 (Mobile)

+91(0) 8612377999 (Extn. 40372)

E-mail: port.control@adani.com

**Port Operations**

Telephone: +91(0) 97017 02027 (Mobile)

+91(0) 861 237 7999 (Extn. 40006)

E-mail: kpcl.poc@adani.com

**Port Authority**

Telephone: +91(0)861 237 7999 (Extn. 40109)

Fax: +91(0) 861 2377046

E-mail: kpcl.poc@adani.com

Website: www.adaniports.com

HOURS: H24

**PROCEDURE:**

(1) Pilotage is compulsory.

(2) Notice of ETA:

(a) Vessel should send ETA via agents or directly to Port Operations by e-mail, 7 days, 5 days, 48 hrs and 24 hrs prior to arrival.

(b) Vessel to establish communication with Port Control on VHF Ch16/12 with ETA to Pilot station at least 2 hrs prior earliest when in VHF range prior to arrival.

(3) Messages should include the following information:

(a) ETA at pilot station as per draught

(b) Draught (Forward and aft)

(c) Other info as per Port Control (Vessel Particulars, P&I, details on Agent, Crew, cargo, cargo Gears, Mooring, Deficiency if any, etc.)

(4) **Pilot boards** at following positions:

- (a) Pilot Boarding Station 'A' - 14° 14'.50N, 80° 12'.50E (for vessels having maximum draught up to 10 m)
- (b) Pilot Boarding Station 'A1' - 14° 14'.55N, 80° 13'.50E (for vessels having maximum draught up to 12 m)
- (c) Pilot Boarding Station 'B' - 14° 14'.85N, 80° 15'.30E (for vessels having maximum draught up to 15.0m)
- (d) Pilot Boarding Station 'B1' - 14° 15'.20N, 80° 17'.70E (for vessels having draught more than 15.0m)

*(Source: Adani Krishnapatnam Port Ltd.) (12/21)*



## SECTION – IX

### REPORTING OF NAVIGATIONAL DANGERS

#### Appeal to all Mariners

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

National Hydrographic Office  
 107-A, Rajpur Road,  
 Dehradun - 248001  
 (Uttarakhand), India  
 e-mail : [msis-inho@navy.gov.in](mailto:msis-inho@navy.gov.in), [inho@navy.gov.in](mailto:inho@navy.gov.in)  
 Fax No. : +91-135- 2748373  
 Web : [www.hydrobharat.gov.in](http://www.hydrobharat.gov.in)

#### Instructions for filling up IH 102

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

#### Position Reporting

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

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

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

#### Depth Reporting

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

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

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

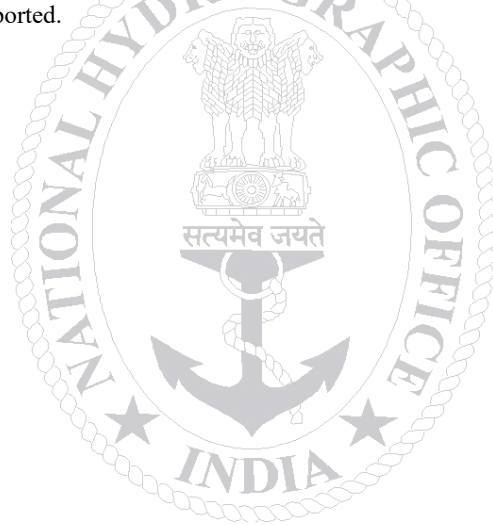
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be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

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

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

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

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

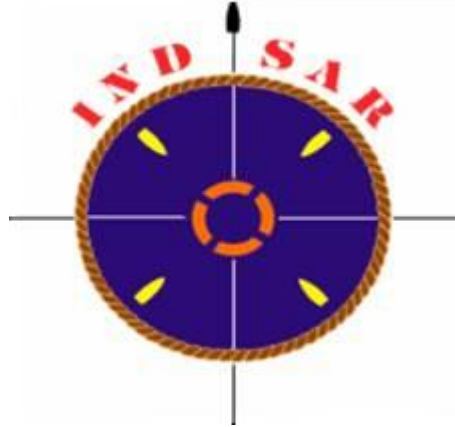


<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object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

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

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

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



**FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR**

**Email: [mrcc-west@indiancoastguard.nic.in](mailto:mrcc-west@indiancoastguard.nic.in)**

**NATION WIDE SAR TELE: 1554 (LAND LINE)**

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

**AFTN: VABBYXYC**