



# INDIAN NOTICES TO MARINERS



EDITION NO. 17 DATED 01 SEP 2017

(CONTAINS NOTICES 123 TO 128)

REACH US 24 x 7



in的角度@navy.gov.in  
msis-inho@navy.gov.in



+91-135-2748373



National Hydrographic Office  
107-A, Rajpur Road  
Dehradun – 248001  
INDIA



Joint Director of Hydrography  
Maritime Safety Information Services  
+91- 135 - 2746290-117

**WWW**  
[www.hydrobharat.gov.in](http://www.hydrobharat.gov.in)

## CONTENTS

Section No.	Title
I	List of Charts Affected
II	Permanent Notices
III	Temporary and Preliminary Notices
IV	Marine Information
V	NAVAREA VIII Warnings in force
VI	Corrections to Sailing Directions
VII	Corrections to List of Lights
VIII	Corrections to List of Radio Signals
IX	Reporting of Navigational Dangers

(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



© Govt. of India Copyright

No permission is required to make copies of these Notices. However, such copies are not to be commercially sold.

## 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 a 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>
2003	30-06-2017	<b>BADAGARA ANCHORAGE</b> <b>LIMITS</b> 11° 31'.40N; 75° 29'.20E. 11° 38'.50N; 75° 38'.00E.	25,000	3	Rs. 1870.00
		<b>KASARAGOD ANCHORAGE</b> <b>LIMITS</b> 12° 25'.40N; 74° 51'.90E. 12° 32'.00N; 75° 00'.70E.	25,000		
2077	15-07-2017	<b>HARNAI ANCHORAGE</b> <b>LIMITS</b> 17° 45'.80N; 72° 57'.00E. 17° 53'.00N; 73° 07'.80E.	30,000	3	Rs. 1870.00
		<b>REVDANDA PORT</b> <b>LIMITS</b> 18° 27'.40N; 72° 45'.40E. 18° 35'.90N; 72° 56'.20E.	30,000		
2550	31-03-2017	<b>PORT VICTORIA</b> <b>LIMITS</b> 04° 38'.00S; 55° 27'.00E. 04° 36'.12S; 55° 29'.05E.	7,500	1	Rs. 1870.00
2555	15-06-2017	<b>APPROACHES TO ALDABRA ISLAND</b> <b>LIMITS</b> 09° 30'.50S; 46° 09'.50E. 09° 17'.50S; 46° 19'.00E.	37,500	1	Rs. 1870.00

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>
2046	30-04-2017	<b>VENGURLA ANCHORAGE</b> <b>LIMITS</b> 15° 47'.50N; 73° 30'.40E. 15° 54'.00N; 73° 39'.30E.	25,000	3	Rs. 1870.00
		<b>REDI ANCHORAGE</b> <b>LIMITS</b> 15° 40'.90N; 73° 33'.40E. 15° 47'.83N; 73° 42'.30E.	25,000		
2051 (INT 7333)	30-06-2017	<b>SALAYA HARBOUR</b> <b>LIMITS</b> 22° 20'.60N; 69° 31'.10E. 22° 33'.50N; 69° 40'.50E.	25,000	2	Rs. 1870.00
2514 (INT 7739)	15-06-2017	<b>APPROACHES TO PORT LOUIS</b> <b>LIMITS</b> 20° 13'.16S; 57° 21'.00E. 20° 00'.04S; 57° 33'.00E.	37,500	1	Rs. 1870.00
		<b>PORT LOUIS</b> <b>LIMITS</b> 20° 10'.75S; 57° 27'.60E. 20° 06'.35S; 57° 30'.70E.	12,500		

## VI

3. The Indian Charts 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>
2003	30-11-2012	BADAGARA ANCHORAGE	2003	30-06-2017
2025 (KASARAGOD ANCHORAGE)	31-12-2003	KASARAGOD ANCHORAGE		
2046	31-10-2013	VENGURLA ANCHORAGE	2046	30-04-2017
		REDI ANCHORAGE		
2051 (INT 7333)	31-03-2015	SALAYA HARBOUR	2051 (INT 7333)	30-06-2017
2077	31-07-2013	HARNAI ANCHORAGE	2077	15-07-2017
2026 (REVDANDA PORT ONLY))	30-09-2010	REVDANDA PORT		
2514 (INT 7739)	15-12-2014	APPROACHES TO PORT LOUIS	2514 (INT 7739)	15-06-2017
		PORT LOUIS		
2515	31-01-2015	PORT VICTORIA	2550	31-03-2017
2522	15-08-2015	APPROACHES TO ALDABRA ISLAND	2555	15-06-2017

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>
IN52077A	2077	HARNAI ANCHORAGE	10-08-2017
IN52077R	2077	REVDANDA PORT	10-08-2017
IN52003K	2003	KASARAGOD ANCHORAGE	11-08-2017
IN52003D	2003	BADAGARA ANCHORAGE	11-08-2017
IN62550P	2550	PORT VICTORIA	24-08-2017

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>
IN52051A	2051	SALAYA HARBOUR	09-08-2017

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>
IN52025K	2025	KASARAGOD ANCHORAGE	31-07-2005
IN52026R	2026	REVDANDA PORT	15-10-2010
IN52077I	2077	HARNAI ANCHORAGE	29-10-2013
IN52051A	2051	SALAYA HARBOUR	17-04-2015

## VII

IN52003A	2003	BADAGARA ANCHORAGE	01-03-2013
IN62515P	2515	PORT VICTORIA	16-02-2015

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
301	APPROACHES TO HUGLI RIVER	1,50,000	New Chart
351 (INT 7419)	PARADIP TO PUSSUR RIVER	3,00,000	New Chart
2081	APPROACHES TO PORTS FROM DIU TO PIPAVAV	75,000	New Chart
2353	APPROACHES TO KARWAR AND BELEKERI	50,000	New Chart
2354	APPROACHES TO TADRI	50,000	New Chart
2355	APPROACHES TO HONAVAR	50,000	New Chart
2356	APPROACHES TO SHIRALI AND BHATKAL	50,000	New Chart
2357	APPROACHES TO KUNDAPUR	50,000	New Chart
2358	APPROACHES TO HANGARKATTA & MALPE	50,000	New Chart
2359 (INT 7350)	APPROACHES TO PORT OF NEW MANGALORE	50,000	New Chart
3006 (INT 7423)	HUGLI RIVER;		New Chart
	KUKRAHATI REACH TO ROYAPUR CROSSING	37,500	
	ROYAPUR CROSSING TO CALCUTTA DOCKS	37,500	
	CALCUTTA DOCKS	17,500	
3011 (INT 7421)	HUGLI RIVER – GASPER CHANNEL TO HALDIA	75,000	New Chart
3028 (INT 7404)	KAMARAJAR PORT	12,500	New Edition
3039	KATTUPALLI PORT	12,500	New Edition
4104	APPROACHES TO PORT MEADOWS & KOTARA ANCHORAGE	25,000	New Chart
4177	TILLANCHANG ISLAND	25,000	New Edition

### Availability of ENCs

The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENCs 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>C-MAP Norway AS</b> Nyaskaiveien 2, 4379 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 123 to 128 contained in this edition is as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
20	1	125
31 (INT 756)	5	126
41 (INT 757)	6	126
202	2	128
211	3	127
212	3	127
217	3	127
219	3	127
289	1	125
325	7	126
371	7	126
434	7	126
435	7	126
436	7	126
2051 (INT 7333)	2	128
2053	3	127
2100 (INT 7344)	2	123
3010 (INT 7418)	5	128
3012 (INT 7411)	5	128
4019	7	124
8004	1	125



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

**\*123 (17/17) INDIA – WEST COAST – Gulf of Khambhat – Approaches to Port Pipavav – Recommended Direction for Traffic Flow.**

Source: NHO, Dehradun.

**Chart 2100 (INT 7344)** [previous update 053/17]

Substitute  for  20° 52′.27N., 71° 29′.39E.

20° 52′.25N., 71° 30′.24E.

Insert Legend “see Note” 20° 52′.24N., 71° 29′.49E.

20° 52′.22N., 71° 30′.14E.

**Chart 2100 (INT 7344) (Plan)** [previous update 053/17]

Substitute  for  20° 52′.82N., 71° 29′.73E.

20° 52′.72N., 71° 30′.06E.

Insert Legend “Entry to Pipavav Port (see Note)” centered on 20° 52′.83N., 71° 29′.71E.

20° 52′.73N., 71° 30′.10E.

accompanying note “ENTRY TO PIPAVAV PORT” centered on 20° 55′.74N., 71° 29′.44E.

**\*124/(17/17) ANDAMAN SEA – BURMA – Gulf of Martaban – Rangoon River and Approaches – Buoy.**

Source: Myanmar Hydrographic Centre.

**Chart 4019** [previous update 114/17]

Move  Fl.R.3s from: 16° 37′.96N., 96° 15′.52E.

to: 16° 37′.28N., 96° 15′.35E.

**\*125/(17/17) IRAN, OMAN AND THE UNITED ARAB EMIRATES – Jask to Dubayy and Jazireh-Ye Qeshm – RACON.**

Source: BA Notice 2099/17.

**Chart 20** [previous update 098/17]

Insert  Racon (K) 25° 40′.40N., 55° 22′.00E.

**Chart 289** [previous update 098/17]

Insert  Racon (K) 25° 40′.90N., 55° 22′.00E.


**Chart 8004** [previous update 120/17]

Insert  Racon (K) 25° 40′.80N., 55° 21′.94E.

**126 (17/17) BAY OF BENGAL AND ANDAMAN SEA – Coast of Burma – Hnget Tang Island to Bassein River – Submarine Cable.**

Source: BA Notice 1698/17.

**Chart 41 (INT 757) [previous update 115/17]**

Insert submarine cable, , joining:


16° 48′.80N., 94° 24′.40E. (shore)  
 16° 47′.70N., 94° 17′.00E.  
 16° 52′.80N., 94° 01′.20E.  
 and  
 06° 05′.50N., 97° 34′.80E.  
 06° 03′.00N., 97° 41′.60E.  
 (a) 06° 06′.40N., 98° 49′.90E.  
 06° 34′.80N., 99° 07′.90E.  
 06° 39′.50N., 99° 22′.20E.  
 06° 43′.10N., 99° 24′.10E.  
 06° 47′.30N., 99° 43′.70E.  
 06° 50′.30N., 99° 44′.60E. (shore)  
 and  
 (a) above  
 05° 45′.80N., 100° 02′.30E.  
 05° 29′.50N., 100° 22′.90E. (shore)

**Chart 31 (INT 756) [previous update 118/18]**

Insert submarine cable, , joining:

16° 48′.80N., 94° 24′.40E. (shore)  
 16° 47′.70N., 94° 17′.00E.  
 16° 52′.80N., 94° 01′.20E.


**Chart 371 [previous update 118/17]**

Insert submarine cable, , joining:

16° 48′.80N., 94° 24′.00E. (shore)  
 16° 48′.20N., 94° 20′.90E.  
 16° 48′.30N., 94° 19′.10E.  
 16° 48′.00N., 94° 17′.40E.  
 16° 48′.40N., 94° 14′.70E.  
 16° 53′.20N., 94° 00′.50E.  
 16° 51′.30N., 94° 07′.00E.  
 19° 22′.00N., 94° 19′.40E.

*Legend “Submarine Cable (see Note)”*  
 Accompanying Note “SUBMARINE CABLE”


**Chart 436 [previous update 087/16]**

Insert submarine cable, , joining:

05° 38′.25N., 100° 10′.03E.(N Border)  
 05° 38′.09N., 100° 13′.07E.  
 05° 35′.93N., 100° 13′.18E.  
 05° 31′.68N., 100° 19′.99E.  
 05° 29′.69N., 100° 22′.60E. (shore)

**126 (17/17) BAY OF BENGAL AND ANDAMAN SEA – Coast of Burma – Hnget Tang Island to Bassein River – Submarine Cable. Continued.**

**Chart 435** [previous update 133/16]

Insert submarine cable, , joining:


05° 39′.22N., 100° 11′.40E.  
 05° 38′.09N., 100° 13′.07E.  
 05° 35′.93N., 100° 13′.18E.  
 05° 31′.68N., 100° 19′.99E.  
 05° 29′.69N., 100° 22′.60E. (shore)  
 and  
 06° 35′.00N., 99° 08′.98E. (N Border)  
 06° 34′.57N., 99° 07′.94E.  
 06° 06′.52N., 98° 49′.67E.  
 06° 05′.70N., 98° 40′.50E. (N Border)

**Chart 434** [previous update 073/16]

Insert submarine cable, , joining:

06° 26′.00N., 99° 02′.34E.  
 06° 34′.93N., 99° 08′.18E.  
 06° 39′.46N., 99° 21′.79E.  
 06° 42′.88N., 99° 24′.06E.  
 06° 46′.34N., 99° 38′.39E.  
 06° 47′.10N., 99° 41′.53E.  
 06° 47′.38N., 99° 44′.02E.  
 06° 50′.67N., 99° 44′.68E. (shore)

**Chart 325** [previous update 044/16]

Insert submarine cable, , joining:

16° 48′.80N., 94° 24′.15E. (shore)  
 16° 48′.20N., 94° 20′.90E.  
 16° 48′.30N., 94° 19′.10E.  
 16° 48′.00N., 94° 17′.40E.  
 16° 48′.40N., 94° 14′.70E.  
 16° 53′.20N., 94° 00′.50E.  
 16° 50′.40N., 94° 10′.00E.  
 19° 36′.80N., 93° 46′.10E.

*Legend “Submarine Cable (see Note)”*

*Accompanying Note “SUBMARINE CABLE”*









<b>*127 (17/17) Miscellaneous updates to charts.</b>		
Source: NHO.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>211</b>	<i>183/16</i>	Insert Chart No.2077 and Magenta limit as follows: 18° 27′.40N., 72° 45′.40E. 18° 35′.90N., 72° 45′.40E. 18° 35′.90N., 72° 56′.20E. 18° 27′.40N., 72° 56′.20E. 18° 27′.40N., 72° 45′.40E.
		Delete Chart No.2026 and Magenta limit as follows: 18° 27′.20N., 72° 45′.00E. 18° 35′.85N., 72° 45′.00E. 18° 35′.85N., 72° 56′.23E. 18° 27′.20N., 72° 56′.23E. 18° 27′.20N., 72° 45′.00E.
<b>212</b>	<i>089/17</i>	Insert Chart No.2077 and Magenta limit as follows: 17° 45′.75N., 72° 57′.04E. 17° 52′.95N., 72° 57′.04E. 17° 52′.95N., 73° 07′.84E. 17° 45′.75N., 73° 07′.84E. 17° 45′.75N., 72° 57′.04E.
		Delete Chart No.2077 and Magenta limit as follows: 17° 45′.65N., 72° 56′.96E. 17° 53′.35N., 72° 56′.96E. 17° 53′.35N., 73° 07′.75E. 17° 45′.65N., 73° 07′.75E. 17° 45′.65N., 72° 56′.96E.
<b>217</b>	<i>113/17</i>	Insert Chart No.2003 and Magenta limit as follows: 12° 25′.33N., 74° 51′.95E. 12° 31′.93N., 74° 51′.95E. 12° 31′.93N., 75° 00′.75E. 12° 25′.33N., 75° 00′.75E. 12° 25′.33N., 74° 51′.95E.
		Delete Chart No.2025 and Magenta limit as follows: 12° 25′.47N., 74° 51′.79E. 12° 32′.07N., 74° 51′.79E. 12° 32′.07N., 75° 00′.65E. 12° 25′.47N., 75° 00′.65E. 12° 25′.47N., 74° 51′.79E.
<b>219</b>	<i>081/15</i>	Insert Chart No.2003 and Magenta limit as follows: 11° 31′.32N., 75° 29′.25E. 11° 38′.42N., 75° 29′.25E. 11° 38′.42N., 75° 38′.05E. 11° 31′.32N., 75° 38′.05E. 11° 31′.32N., 75° 29′.25E.
		Delete Chart No.2003 and Magenta limit as follows: 11° 31′.48N., 75° 29′.14E. 11° 38′.63N., 75° 29′.14E. 11° 38′.63N., 75° 37′.95E. 11° 31′.48N., 75° 37′.95E. 11° 31′.48N., 75° 29′.14E.
		Insert Chart No.2119 and Magenta limit as follows: 11° 06′.32N., 75° 42′.45E. 11° 12′.52N., 75° 42′.45E. 11° 12′.52N., 75° 51′.25E. 11° 06′.32N., 75° 51′.25E. 11° 06′.32N., 75° 42′.45E.

<b>*127 (16/17) Miscellaneous updates to charts. Continued.</b>		
<b>219</b>	<i>081/15</i>	Delete Chart No.2003 and Magenta limit as follows: 11° 06′·48N., 75° 42′·35E. 11° 12′·68N., 75° 42′·35E. 11° 12′·68N., 75° 51′·15E. 11° 06′·48N., 75° 51′·15E. 11° 06′·48N., 75° 42′·35E.
<b>2053</b>	<i>081/15</i>	Insert Chart No.2119 and Magenta limit as follows: 11° 06′·40N., 75° 42′·40E. 11° 12′·60N., 75° 42′·40E. 11° 12′·60N., 75° 48′·40E. (W Border) 11° 06′·40N., 75° 48′·40E. (W Border) 11° 06′·40N., 75° 42′·40E.
		Delete Chart No.2003 and Magenta limit as follows: 11° 06′·40N., 75° 42′·40E. 11° 12′·40N., 75° 42′·40E. 11° 12′·40N., 75° 48′·40E. (W Border) 11° 06′·40N., 75° 48′·40E. (W Border) 11° 06′·40N., 75° 42′·40E.

**\*128 (17/17) Miscellaneous updates to charts.**

Source: NHO Dehradun.

<b>Chart</b>	<b>Previous Updates</b>	<b>Details</b>	
<b>202</b>	<i>094/17</i>	For reprint chart 202 (227.17)	
		Amend;	 in position; 23° 09′·05N., 68° 28′·59E. 23° 08′·62N., 68° 29′·00E.
		To;	
<b>3010 (INT 7418)</b>	<i>049/17</i>	For reprint chart 3010 (INT 7418) (227.17)	
		Paradip Anchorage, North Border For: longitude 20° 42′ Read: longitude 86° 42′	
		For; Notice to Mariners <b>2016</b> -174- <b>2017</b> -049 Read; Notice to Mariners <b>2016</b> -151-174- <b>2017</b> -049	
<b>3012 (INT 7411)</b>	<i>061/17</i>	For reprint chart 3012 (INT 7411) (227.17)	
		Amend;	 in position; 17° 39′·69N., 83° 18′·18E.
		To;	 Wk
		Amend;	 in position; 17° 40′·15N., 83° 18′·15E.
		To;	 Wk
		For; Notice to Mariners <b>2016</b> -085-171- <b>2017</b> -061 Read; Notice to Mariners <b>2016</b> -086-171- <b>2017</b> -061	
<b>2051 (INT 7333)</b>	<i>INM 116 (16/17)</i> to read as follows:		
	Read; previous update as <i>207/16</i>		

**SECTION – III**  
**TEMPORARY AND PRELIMINARY NOTICES**

NIL



## **SECTION – IV** **MARINE INFORMATION**

### 1. **NAVTEX TRANSMISSION**

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

Mauritius (Cassis) - Operational

Seychelles (Mahe) - Operational

Following new Navtex stations along the Indian coast are operating on trial basis:-

<b>INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz</b>								
<b>Sl.</b>	<b>Station Name</b>	<b>B1</b>	<b>Broad Cast Timings in UTC</b>					
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengrula 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 crew 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: - indsar@vsnl.net, or icgmrcc\_mumbai@mtnl.net . 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 for the above have been published in the fortnightly Indian Notices to Mariners Edition No 14 of 2008 (16<sup>th</sup> July 2008).

(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) Recommended routes have been established along the coast of Gujarat. These are to assist mariners to navigate safely in order to represent the best routes for crossing traffic and to minimize head-on encounters in vicinity of Oilfield Development Areas and regulate coastal traffic. Mariners are advised to keep 1 to 2 miles starboard of the shown routes consistent with Rules of the Road.

(c) Traffic Separation Schemes (TSS). The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.

#### **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/ IRRIDUM AND SATELLITE PHONE**

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.

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).

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.



### 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. Sunderlal Bahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a></p>	<p><b>E.W.Liner Charts &amp; Publication (India)</b> 2/524, Sandeep Road, Chinna Neelangarai, Chennai - 600041 Tele: +91-44-24490668 Fax: +91-44-24491668 Mob No : +91-9003245348 Email: <a href="mailto:ewl-india@ewliner.com">ewl-india@ewliner.com</a> Web: <a href="http://www.ewliner.com">www.ewliner.com</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>Gujarat Pipavav Port Limited</b> PO – Uchchaya, Dist – Amereli, Gujarat – 365 560 Tele: +91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)</p>
<p><b>M/s SVR Chart Agencies</b> Door No.50-81-48/4, Seetammapeta, Visakhapatnam – 530 016 Tel/ Fax: 0891-2799471, Cell: +91-9849120988, 9885797333 Email : <a href="mailto:mahalakshmitravels99@gmail.com">mahalakshmitravels99@gmail.com</a> <a href="mailto:mahalakshmitravels@hotmail.com">mahalakshmitravels@hotmail.com</a></p>	<p><b>SMS Marine Private Ltd</b> 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: 022-6510 3668, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@smsmarine.co.in">info@smsmarine.co.in</a> , <a href="mailto:raj_chakravorty@yahoo.com">raj_chakravorty@yahoo.com</a> Web: <a href="http://www.smsmarine.co.in">www.smsmarine.co.in</a></p>
<p><b>M/s JM Maritime Services</b> 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> , <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a></p>	<p><b>Global Marine Infratech Pvt. Ltd.</b> Ground Floor, Siksha Sandan, 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 Lift o Marine</b> Allen’s Mansion, Flat C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: <a href="mailto:sankar@liftmarine.org">sankar@liftmarine.org</a> Web: <a href="http://www.liftmarine.org">www.liftmarine.org</a></p>	<p><b>L. R. Marine Services</b> 301, 3rd Floor, Biryra House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535 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 Engineering Logistics Executive Multi Services</b> Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar, Malkapuram Visakhapatnam – 530 011 Mob: +91 9133871827 Email: <a href="mailto:sales@elemscharts.in">sales@elemscharts.in</a> Web: <a href="http://www.elemscharts.in">www.elemscharts.in</a></p>	<p><b>M/s 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@ictechnologies.com">somnath.marthi@ictechnologies.com</a> <a href="mailto:sanjeev.sharma@ictechnologies.com">sanjeev.sharma@ictechnologies.com</a> Web: <a href="http://www.ictechnologies.com">www.ictechnologies.com</a></p>
<p><b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani’s Plam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: <a href="mailto:zenithsurveys703@gmail.com">zenithsurveys703@gmail.com</a> <a href="mailto:nyvmane@yahoo.com">nyvmane@yahoo.com</a> Web: <a href="http://www.zenithsurvey.com">www.zenithsurvey.com</a></p>	

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

- For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.
- NAVAREA VIII Warnings in force as on 31 Aug 17:

<b>2016 SERIES</b> – 432 464 572 644 723
<b>2017 SERIES</b> – 016 119 189 305 323 345 366 381 387 394 414 427 455 468 481 485 486 490 493 511 514 519 529 530 532 543 555 556 557 558 573 574 575 576 578 585 586 591 594 595 596 597 598 599

- NAVAREA VIII Warnings issued during the period from 16 Aug to 31 Aug 17 (both dates inclusive) are as tabulated below:–

<b>557. India East Coast – off Ravva ODA.</b> Charts 32 355 INT 71. SV Samudra Sarvekshak progressing soil sampling in vicinity of 16-12.9N 081-38E, 16-15N 081-40.2E, 16-13.4N 081-43.2E, 16-04.7N 081-37.9E, 16-20.2N 082-03.8E. Wide berth requested. 2. Cancel this MSG 031830 UTC Sep 17.
<b>558. India East Coast – off Kakinada.</b> Charts 32 355 INT 71. SV Samudra Ratnakar progressing survey in area bounded by 14-55.3N 082-25.8E, 15-28.2N 084-55.1E, 16-08.9N 084-17.7E, 14-08.4N 083-04.3E. Wide berth requested. 2. Cancel this MSG 101830 UTC Sep 17.
<b>559. India East Coast - off Machilipatnam.</b> Charts 31 32 355 391 INT 71. SV Fugro Mapper progressing survey in vicinity of 16-08.27N 081-34.42E and 16-22.42N 081-58.66E. Wide berth requested. 2. Cancel NAVAREA MSG 550 and this MSG 271830 UTC Aug 17.
<b>560. Cancel NAVAREA VIII MSG 513, 534, 548 and this MSG. INTM 16/17 notice no 118, 116 and section VII refers.</b>
<b>561. Indian Ocean - off La Reunion I.</b> Chart INT 71. Palangre fishing line with floats reported adrift 21-36S 055-44E at 170900 UTC Aug 17. Wide berth advised. 2. Cancel this MSG 200900 UTC Aug 17.
<b>562. Andaman Sea – off Barren I.</b> Charts 41 473 INT 71. Firing practice scheduled on 23 and 24 Aug 17 from 0430-0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-20E. 2. Cancel this MSG 241030 UTC Aug 17.
<b>563. India West Coast – Okha.</b> Charts 21 203 2068 INT 7. Firing by Naval Coast Battery scheduled on 23 Aug 17 from 0530-0730 UTC. 2. Danger sector extending upto 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E. 3. Cancel this MSG 230830 UTC Aug.
<b>564. India East Coast – off Gopalpur.</b> Charts 31 352 353 3005 INT 706. Army Air Defence firing and BPTA Flight scheduled on 22,23,24,29,30,31 Aug 17 from 0130-0730 and 0830-1430 UTC in danger area bounded by (A) 19-14.6N 084-53.7E (B) 19-07.39N 085-35.94E (C) 18-33.61N 084-53.74E and arc of 40 NM radius joining point B and C. 2. Cancel this MSG 311530 UTC Aug 17.
<b>565. India West Coast – Mormugao.</b> Charts 22 214 257 293 2020 2022 INT 71. Aguada DGPS (15-29N 073-46E) off. 2. Cancel this MSG 241130 UTC Aug 17.
<b>566. NAVAREA VIII warnings in force AS on 18 Aug 17.</b> <b>2016 SERIES</b> - 432 464 572 644 723 <b>2017 SERIES</b> – 016 119 189 305 323 345 366 375 381 387 394 414 427 455 468 481 485 486 490 493 511 514 517 518 519 521 527 529 530 532 543 552 555 556 557 558 559 561 562 563 564 565 (a) NAVAREA VIII warnings less than 42 days promulgated via safetyNet. (b) Text of NAVAREA VIII warnings in force including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> 2. Cancel this MSG 251000 UTC Aug 17.
<b>567. Cancel NAVAREA VIII MSG 517 and this MSG.</b>
<b>568. Indian Ocean- off Port Louis.</b> Chart INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M towlength to along. PCS at 200800 UTC Aug 17 19-57S 057-30E / 023 / 3.3.
<b>569. South Bay Of Bengal .</b> Chart INT 71. SLFV Nathula Putha 2 reported adrift 04-35N 084-48E at 190230 UTC Aug 17. 2. Cancel this MSG 220230 UTC Aug 17.
<b>570. India East Coast- Chennai.</b> Charts 31 301 351 INT 71. Firing by Naval Coast Battery scheduled on 25 Aug 17 from 0530 - 0730 UTC.

<b>570. Continued.</b>
2. Danger sector extending upto 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E.
3. Cancel this MSG 250830 UTC Aug 17.
<b>571. Cancel NAVAREA VIII MSG 375 and this MSG.</b>
<b>572. India East Coast – off Balasore.</b> Charts 31 351 352 INT 71. Experimental flight trial scheduled from ITR on (A) 26 Aug 17 from 0900 - 1100 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 082-22.29E, 21-35.58N 087-10.69E. (B) 28, 29, 30, 31 Aug and 01, 02, 04 Sep 17 from 0530 - 0730 and 0900-1100 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 082-22.29E, 21-35.58N 087-10.69E.
2. Cancel this MSG 041200 UTC Sep 17.
<b>573. India East Coast – off Balasore.</b> Charts 31 351 352 INT 71. Experimental flight trial scheduled from ITR on (A) 26 Aug 17 FROM 0900 - 1100 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E. (B) 28, 29, 30, 31 Aug and 01, 02, 04 Sep 17 from 0530 - 0730 and 0900-1100 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E
2. Cancel NAVAREA VIII MSG 572 and this MSG on 041200 UTC Sep 17.
<b>574. Bay Of Bengal And Indian Ocean.</b> Charts 32 33 41 313 356 391 INT 70 71. PSLV launch scheduled from 31 Aug – 02 Sep 17 between 1200 - 1600 UTC from 13-43.2N 080-13.8E.
2. Danger zone as follows:- ZONE -1: CIRCLE OF 10 NM AROUND LAUNCHER ZONE-2: 13-30N 080-30E, 13-50N 080-35E, 13-35N 081-30E, 13-15N 081-25E ZONE-3: 13-00N 082-10E, 13-30N 082-15E, 12-55N 084-05E, 12-25N 084-00E ZONE-4: 12-20N 084-05E, 13-00N 084-15E, 12-45N 085-10E, 12-05N 085-00E ZONE-5: 11-10N 088-25E, 11-45N 088-35E, 11-25N 089-40E, 10-50N 089-30E ZONE-6: 09-05N 094-50E, 09-55N 095-05E, 09-35N 096-00E, 08-45N 095-45E ZONE-7: 19-00S 134-00W, 17-00S 134-00W, 13-00S 112-00W, 07-30S 090-00W, 09-30S 090-00W, 15-00S 112-00W
3. Cancel this MSG 021700 UTC Sep 17.
<b>575. India East Coast.</b> Charts 355 356 INT 706. Rig list:- ABAN ABRAHAM 16-11.41N 082-12-64E NEW ABAN II 16-31.58N 082-18.81E DS MATDRILL 16-15.66N 081-41.23E JACK BATES 16-27.43N 082-24.83E ESSAR WILDCAT 16-14.51N 082-09.64E SAGAR BHUSHAN 16-17.70N 082-11.23E SAGAR RATNA 15-14.63N 080-25.67E SAGAR VIJAY 16-28.32N 082-22.34E
2. Wide berth requested.
3. Cancel NAVAREA VIII MSG 552.
<b>576. India West Coast - off Vadinar.</b> Charts 21 203 2051 2060 2068 INT 71. Wreck of tug Oscar-2 reported 22-30.23N 069-39.78E. Wide berth advised.
<b>577. Indian Ocean – off Reunion Island.</b> Charts INT 71. Gunnery exercise scheduled on 240600-1200 UTC Aug 17 in area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E.
2. Cancel this MSG 241300 UTC Aug 17.
<b>578. India East Coast – off Kakinada.</b> Charts 31 32 391 INT 71. Firing by Naval ships scheduled on 30, 31 Aug and 01 Sep 17 from 0130 – 0730 UTC in danger area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E
2. Cancel this MSG 010830 UTC Sep 17.
<b>579. India East Coast - off Machilipatnam.</b> Charts 31 32 355 391 INT 71. SV Fugro Mapper will progress survey from 28 Aug 17 in area bounded by 16-32.92N 082-20.55E, 16-28.67N 082-24.10E, 16-20.68N 082-13.23E, 16-24.94N 082-09.86E. Wide berth requested.
2. Cancel this MSG 101830 UTC Sep 17.
<b>580. India West Coast – off Angria Bank.</b> Charts 22 256 293 INT 71 705. Firing by Naval ships scheduled from 290430-1100 UTC Aug 17 in danger area bounded within 16-15N to 16-49N and 071-25E to 072-00E.
2. Cancel this MSG 291200 UTC Aug 17.
<b>581. India West Coast – off Netrani I.</b> Charts 22 256 293 INT 71 705. Firing by Naval ships scheduled from 310030-0630 UTC Aug 17 in danger area bounded within 13-56.2N TO 14-07.2N and 074-13.6E TO 074-25.07E.
2. Cancel this MSG 310730 UTC Aug 17.
<b>582. India West Coast – Jakhau.</b> Charts 21 201 202 251 271 291 2005 INT 71. Jakhau Lt (23-14N 068-36E) unlit.
<b>583. India West Coast – Navlakhi.</b> Charts 21 203 291 2017 INT 71. Navlakhi Lt (22-57N 070-26E) unlit.
<b>584. Cancel NAVAREA VIII MSG 566 and this MSG.</b>
<b>585. NAVAREA VIII warnings in force as on 24 Aug 17:-</b>

585.	<p><b>2016 SERIES</b> - 432 464 572 644 723  <b>Continued.</b>  <b>2017 SERIES</b>- 016 119 189 305 323 345 366 381 387 394 414 427 455 468 481 485 486 490  493 511 514 518 519 521 527 529 530 532 543 555 556 557 558 559 564 568 570 573  574 575 576 578 579 580 581 582 583 584  (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 <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a>.</p> <p>2. Cancel this MSG 011000 UTC Sep 17.</p>																		
586.	<p><b>India West Coast – off Pigeon I.</b> Charts 22 216 257 293 INT 71. Firing by Naval Aircraft scheduled on 01, 04 and 05 Sep 17 from 0430 – 0630 and 1000 – 1130 UTC in danger area bounded within 13-56N TO 14-07N and 074-13E to 074-25E.</p> <p>2. Cancel this MSG 051230 UTC Sep 17.</p>																		
587.	<p><b>NW Indian Ocean- off Malha Bank.</b> Chart INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M towlengh to Alang. PCS at 270800 UTC Aug 17 08-46S 059-29E/034/4.</p> <p>2. Cancel NAVAREA VIII MSG 568.</p>																		
588.	<p><b>India East Coast - off Ravva ODA.</b> Charts 31 32 355 391 INT 71. SV Fugro Mapper progressing survey in area bounded by 16-31.29N 082-19.03E, 16-31.03N 082-19.17E, 16-31.54N 082-20.16E, 16-31.8N 082-20.02E and 16-32.92N 082-20.55E, 16-28.67N 082-24.1E, 16-20.68N 082-13.23E, 16-24.94N 082-09.86E. Wide berth requested.</p> <p>2. Cancel NAVAREA VIII MSG 579 and this MSG 311830 UTC Aug 17.</p>																		
589.	<p><b>Cancel NAVAREA VIII MSG 582, 583 and this MSG.</b></p>																		
590.	<p><b>South Bay Of Bengal.</b> CHARTS 23 32 33 INT 71. SLFV Chalana-2 reported adrift 06-23N 083-16E at 280530 UTC Aug 17.</p> <p>2. Cancel this MSG 310530 UTC Aug 17.</p>																		
591.	<p><b>India West Coast – Kochi.</b> Charts 22 220 260 2029 INT 71. Firing by Naval unit scheduled on</p> <table border="1" data-bbox="379 969 1077 1240"> <thead> <tr> <th>DATE</th> <th>TIME (UTC)</th> </tr> </thead> <tbody> <tr> <td>01 SEP 17</td> <td>0900-1200 AND 1230-1430</td> </tr> <tr> <td>05 SEP</td> <td>0900-1200</td> </tr> <tr> <td>08 SEP</td> <td>0900-1200</td> </tr> <tr> <td>12 SEP</td> <td>0900-1200</td> </tr> <tr> <td>15 SEP</td> <td>0900-1200 AND 1230-1430</td> </tr> <tr> <td>19 SEP</td> <td>0900-1200</td> </tr> <tr> <td>22 SEP</td> <td>0900-1200</td> </tr> <tr> <td>26 SEP</td> <td>0900-1200</td> </tr> </tbody> </table> <p>2. 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.</p> <p>3. Cancel this MSG 261300 UTC Sep 17.</p>	DATE	TIME (UTC)	01 SEP 17	0900-1200 AND 1230-1430	05 SEP	0900-1200	08 SEP	0900-1200	12 SEP	0900-1200	15 SEP	0900-1200 AND 1230-1430	19 SEP	0900-1200	22 SEP	0900-1200	26 SEP	0900-1200
DATE	TIME (UTC)																		
01 SEP 17	0900-1200 AND 1230-1430																		
05 SEP	0900-1200																		
08 SEP	0900-1200																		
12 SEP	0900-1200																		
15 SEP	0900-1200 AND 1230-1430																		
19 SEP	0900-1200																		
22 SEP	0900-1200																		
26 SEP	0900-1200																		
592.	<p><b>NW Indian Ocean- off Malha Bank.</b> Chart INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M towlengh to alang. PCS at 280800 UTC Aug 17 07-41S 060-40E/063/4.</p> <p>2. Cancel NAVAREA VIII MSG 587.</p>																		
593.	<p><b>Bay Of Bengal – off Trincomalee.</b> Charts 359 3014 INT 71. Naval firing practice scheduled on 29 Aug from 1300-1330 UTC and 30 Aug 17 from 0445-0630 UTC in danger area bounded within 08-20N TO 08-30N and 081-30E to 081-40E</p> <p>2. Cancel this MSG 300730 UTC Aug 17.</p>																		
594.	<p><b>India West Coast – off Karwar.</b> Charts 22 257 293 INT 71. Firing by Naval ships scheduled on 03 Sep from 0800 - 1400 UTC and 09 Sep 17 from 0900-1430 UTC in danger area bounded within 14-08N to 14-40N and 072-42E to 073-15E</p> <p>2. Cancel this MSG 091530 UTC Sep 17.</p>																		
595.	<p><b>India West Coast – off Netrani Island.</b> Charts 22 256 293 INT 71. Firing By Naval ships scheduled on 04 Sep 17 from 0000 - 0700 UTC in danger area bounded within 13-56.2N to 14-07.2N and 074-13.6E to 074-25.07E.</p> <p>2. Cancel this MSG 040800 UTC Sep 17.</p>																		
596.	<p><b>India East Coast – Central Bay Of Bengal.</b> Charts 31 32 354 INT 71. MGS Sagar will progress survey from 31 Aug 17 in area bounded by 16-43.56N 087-17.58E, 15-50.15N 086-27.83E, 15-24.51N 085-50.40E, 16-34.70N 084-47.76E, 17-51.68N 086-06.13E. Wide berth requested.</p> <p>2. Cancel this MSG 231830 UTC Sep 17.</p>																		
597.	<p><b>Andaman Sea – off Nicobar I.</b> Charts 33 41 INT 71. Seismic vessel Geo Hindsagar progressing survey in area bounded by 07-05.49N 091-03.06E, 09-54N 095-59.5E, 08-05.16N 095-58.91E, 05-33.25N 091-10.33E. Wide berth requested.</p> <p>2. Cancel this MSG 311830 UTC Dec 17.</p>																		
598.	<p><b>NE Indian Ocean.</b> Chart INT 71. SLFV Yamuna reported adrift 04-46N 088-04E AT 301200 UTC Aug 17.</p> <p>2. Cancel this MSG 021200 UTC Sep 17.</p>																		
599.	<p><b>NW Indian Ocean.</b> Chart INT 71. Tug Miss Gaunt towing scrap tanker ishon with 900 M towlengh to alang. PCS at 310800 UTC Aug 17 05-59S 064-03E/063/3.</p> <p>2. Cancel NAVAREA VIII MSG 592</p>																		

6.1

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

NIL

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

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D6871	- Pointe Matoopa (Cape Ternay)	04 38.38S 55 22.02E	VQ(2)W10s *	21	10	White concrete tower	W026°- 221° (195°).
F0598	<b>Vengurla Rocks</b>	15 53.37 N 73 27.75 E	Fl(2)W 20s	49	<b>26</b>	White metal tower, red bands 20	<i>fl 0.3, ec 4.7, fl 0.3, ec 14.7</i> <b>TE 2017</b>
	-	..	Racon	..	..	..	ILRS Vol 2 Station 79005 *
F1167	<b>Ban Thap Lamu.</b> Laem Ao Kham	08 35.19 N 98 13.17 E	Fl W 4s	70	<b>15</b>	White metal framework tower 31	<i>fl 0.5.</i> *
F1223.4	- Katchall West Bay	07 55.60 N 93 19.50 E	Fl(3)W15s	17	10	Black and White metal trestle tower 12	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 11.5</i> <b>TE 2017</b> *
F1626	<b>- Cape Rachado (Melaka)</b>	02 24.44 N 101 51.12 E	Fl(3)W15s	118	<b>23</b>	White round concrete tower 24	<b>Emergency light range 10M (T) 2013</b> *
F1627	Kuala Linggi. Outer Beacon	* 02 21.98 N 101 57.24 E	Fl(2)W 10s	8	5	White round concrete beacon	
F1627.4	- Inner Beacon	* 02 23.53 N 101 58.13 E	Fl(2)G 10s	4	5	White round concrete beacon	*

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

**INP 31(1), 2014**

*(Last correction: Edition No. 05 dated 01 Mar 2017)*

**NIL**

**INP 31(2), 2014**

*(Last correction: Edition No. 14 dated 16 Jul 2017)*

**NIL**

**INP 31(5), 2011**

*(Last correction: Edition No. 01 dated 01 Jan 2017)*

**NIL**

**INP 31(6), 2012**

*(Last correction: Edition No. 14 dated 16 Jul 2017)*

**NIL**

## **SECTION – X**

### **REPORTING OF NAVIGATIONAL DANGERS**

#### **Appeal to all Mariners**

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / harbours 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: - inho@navy.gov.in, msis-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 102 A 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.

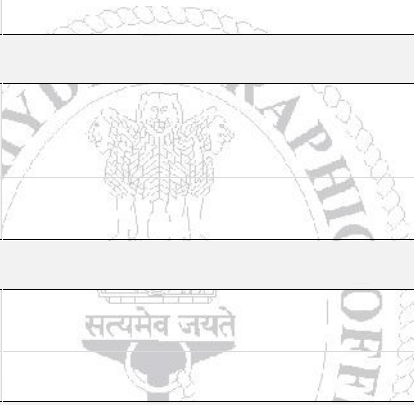
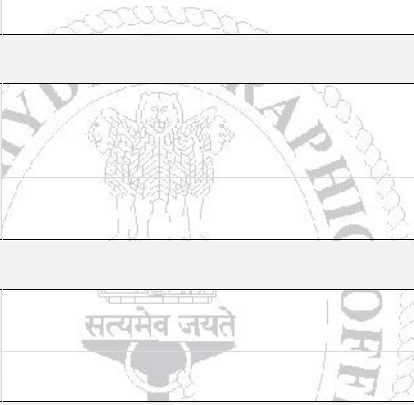
*Please Note:* - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication 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, ENCs 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>	

*To accompany Indian Notice to Mariners 123/17*

*Chart 2100 (INT 7344)*

ENTRY TO PIPAVAV PORT

The arrows depict the direction for inbound for/outbound traffic. Inbound/Outbound traffic to Pipavav Port are to adhere to the designated channels when entering/leaving this port.

*To accompany Indian Notice to Mariners 126/17*

*Chart 371*

SUMARINE CABLE

Mariners are advised not to anchor or trawl in the vicinity of submarine cable.

*To accompany Indian Notice to Mariners 126/17*

*Chart 325*

SUMARINE CABLE

Mariners are advised not to anchor or trawl in the vicinity of submarine cable.



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

**Email: [indsar@vsnl.net](mailto:indsar@vsnl.net)**

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

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

**AFTN: VABBYXYC**