



# INDIAN NOTICES TO MARINERS



EDITION NO. 06 DATED 16 MAR 2017

(CONTAINS NOTICES 059 TO 067)

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 forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
256 (INT 7340)	MURUD – JANJIRA HARBOUR TO MALVAN	300,000	New Edition
301	APPROACHES TO HUGLI RIVER	150,000	New Chart
2359 (INT 7350)	APPROACHES TO PORT OF NEW MANGALORE	50,000	New Chart
3006 (INT 7423)	<b>HUGLI RIVER</b>		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
4177	TILLANCHANG ISLAND	25,000	New Edition

### Availability of ENC's

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC's through the 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 059 to 067 contained in this edition is as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
41 (INT 757)	6	065 (T), 067 (T)
207	2	064 (T)
208	2	060
253 (INT 7328)	2	064 (T)
254 (INT 7331)	2	060, 064 (T)
355 (INT 7405)	5	066 (T)
391	5	066 (T)
410	7	062
411	7	062
451	7	062
452	7	062
2039	2	060
2079 (INT 7329)	2	059
2081	2	064 (T)
2082	2	060
2100 (INT 7344)	2	064 (T)
3012 (INT 7411)	5	061
4019	7	062
7700 (INT 700)	1	063
7701 (INT 701)	1	063



**SECTION – II****PERMANENT NOTICES****\*059 (06/17) INDIA – WEST COAST – Approaches to Mundra Port – Accompanying Note.**

Source: NHO, Dehradun

**Chart 2079 (INT 7329)** [previous update 047/17]

Insert accompanying note, “Dredging Area”, centered on: 22° 47′.28N., 69° 34′.50E.

**\*060 (06/17) INDIA – WEST COAST – Gulf of Khambhat – Approaches to Dahej – Foul.**

Source: VTS Khambhat.

**Chart 254 (INT 7331)** [previous update 161/16]

Insert # 21° 41′.84N., 72° 26′.50E.

**Chart 208** [previous update 160/16]

Insert # 21° 41′.84N., 72° 26′.50E.

**Chart 2039** [previous update 160/16]

Insert # 21° 41′.83N., 72° 26′.52E.

**Chart 2082** [previous update NE 30 Nov 16]

Insert # 21° 41′.87N., 72° 26′.49E.

**\*061 (06/17) INDIA – EAST COAST – Visakhapatnam Harbour – Wreck.**

Source: NHO, Dehradun.

**Chart 3012 (INT 7411)**[previous update 171/16]Delete  Masts 17° 41′.89N., 83° 18′.24E.**\*062 (06/17) BURMA – Rangoon River and Approaches – Buoys.**

Source: Myanmar Hydrographic Centre. (MNHC – 06/2017)

**Chart 451** [previous update 209/16]Amend Characteristics to *Fl.G.3s* 16° 17′.10N., 96° 17′.80E.Characteristics to *Fl.G.7s* 16° 20′.50N., 96° 20′.10E.**Chart 452** [previous update 209/16]Amend Characteristics to *Fl.G.3s* 16° 17′.10N., 96° 17′.80E.Characteristics to *Fl.G.7s* 16° 20′.50N., 96° 20′.10E.**Chart 410** [previous update 209/16]Amend Characteristics to *Fl.G.3s* 16° 17′.10N., 96° 17′.80E.Characteristics to *Fl.G.7s* 16° 20′.50N., 96° 20′.10E.

**\*062 (06/17) BURMA – Rangoon River and Approaches – Buoys – Continued.****Chart 411** [previous update 209/16]

Amend	Characteristics to <i>Fl.G.3s</i>	16° 17′.10N., 96° 17′.80E.
	Characteristics to <i>Fl.G.7s</i>	16° 20′.50N., 96° 20′.10E.

**Chart 4019** [previous update 209/16]

Amend	Characteristics to <i>Fl.G.3s</i>	16° 17′.02N., 96° 17′.98E.
	Characteristics to <i>Fl.G.7s</i>	16° 20′.42N., 96° 20′.28E.

**063 (06/17) INDIAN OCEAN – Port Elizabeth to Mauritius – Depth.**

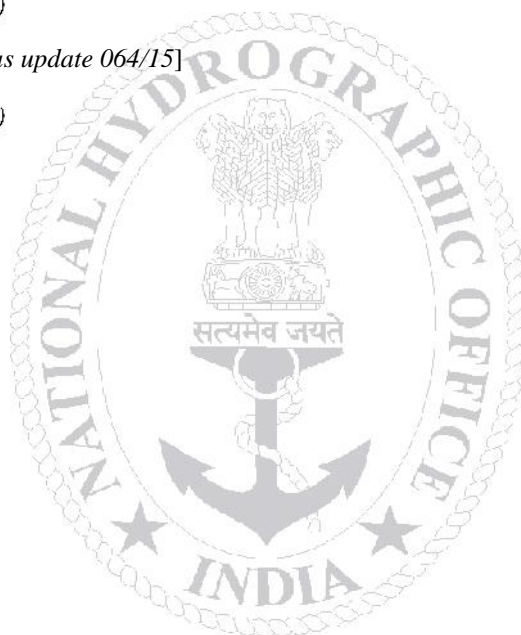
Source: BA Notice – 6444/16.

**Chart 7700 (INT 700)** [previous update 172/14]

Insert	 <i>PA Rep (1995)</i>	23° 13′.00S., 35° 41′.20E.
--------	--	----------------------------

**Chart 7701 (INT 701)** [previous update 064/15]

Insert	 <i>PA Rep (1995)</i>	23° 13′.00S., 35° 41′.20E.
--------	--	----------------------------





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

**\*064 (T) (06/17) INDIA – WEST COAST – Approaches to Port Pipavav – Dredging Operation.**

Source: VTS Khambhat.

1. Capital dredging is in progress at Swan LNG site in and around Jafarabad port. Approximately 15 vessels comprising dredgers and support vessels of various sizes are operating at any given time in below mentioned area:-

Dredge Site:-

West 20° 51'·50N., 71° 28'·46E.

East 20° 52'·97N., 71° 28'·86E.

Dump Site:-

(i) 20° 51'·50N., 71° 33'·30E.

(ii) 20° 51'·50N., 71° 30'·40E.

(iii) 20° 52'·50N., 71° 30'·40E.

(iv) 20° 52'·50N., 71° 33'·30E.

2. Vessels approaching Jafarabad and Pipavav are advised to navigate with caution and give wide berth.

3. Mariners are advised to contact local port authorities for more information.

**Charts affected – 253 (INT 7328) – 254 (7331) – 207 – 2081 – 2100 (INT 7344).**

**\*065 (T) (06/17) BAY OF BENGAL AND ANDAMAN SEA – Prearis North Channel to Rangoon River – Drilling Operation.**

Source: Myanmar Hydrographic Office.

1. Drilling operation will be carried out by Petro Vietnam Drilling - 1 (call sign; 3WNX), in below mentioned co-ordinates till **30 Jun 17**:

Sl. No.	Point	Position
(a)	Aung Yadana – 1	14° 52'·74N., 94° 53'·60E.

2. During the drilling period unauthorized navigation, anchoring and fishing is prohibited within 5 NM from the above mentioned position.

3. Mariners are advised to navigate with caution.

**Charts affected – 41 (INT 757) – 451.**

**\*066 (T) (06/17) INDIA – EAST COAST – Ramaypatnam to Sacramento Shoal – Survey Operation.**

Source: HQODAG.

1. Seismic survey vessels Brahmaputra, Dolphin, Kohinoor 1 and Ganesh will carry out 3D-OBC seismic survey in below mentioned area till **31 Aug 17**:

Sl. No.	Position	Sl. No.	Position
(i)	16° 20'·71N., 81° 39'·09E.	(viii)	16° 19'·97N., 82° 06'·79E.
(ii)	16° 19'·80N., 81° 43'·67E.	(ix)	16° 18'·63N., 82° 04'·50E.
(iii)	16° 22'·80N., 81° 50'·41E.	(x)	16° 16'·07N., 81° 06'·78E.
(iv)	16° 24'·34N., 81° 56'·82E.	(xi)	16° 14'·28N., 81° 49'·47E.
(v)	16° 29'·27N., 82° 06'·86E.	(xii)	16° 14'·92N., 81° 48'·88E.
(vi)	16° 26'·13N., 82° 04'·32E.	(xiii)	16° 15'·21N., 81° 47'·87E.
(vii)	16° 21'·74N., 82° 06'·78E.	(xiv)	16° 15'·23N., 81° 39'·07E.

2. The vessels will deploy 04 sea bottom seismic cables of length up to 16 KMS with a separation of 400 MTR with direction 340°. All cables are marked with buoys.

3. Vessels are requested to give a wide berth to the vessels and navigate with caution.

**Charts affected – 391 – 355 (INT 7405).**

**\*067 (T) (06/17) ANDAMAN SEA – Survey Operation.**

Source: Myanmar Hydrographic Office.

1. Survey vessel MV Ramform Sovereign (call sign; 9VBN9) will carry out 3D seismic survey in below mentioned area till **31 May 17**:

Sl. No.	Position	Sl. No.	Position
(i)	14° 27′.40N., 95° 16′.34E.	(iv)	14° 00′.01N., 95° 25′.72E.
(ii)	14° 19′.69N., 95° 16′.36E.	(v)	14° 00′.00N., 94° 49′.00E.
(iii)	14° 19′.71N., 95° 25′.39E.	(vi)	14° 27′.29N., 94° 49′.00E.

2. During the operation period unauthorized navigation, anchoring, fishing and trawling are prohibited within 4 KM from above mentioned area.

3. Vessels are requested to give a wide berth to the vessel and navigate with caution.

**Charts affected – 41 (INT 757).**



## **SECTION – IV**

### **MARINE INFORMATION**

#### 1. **NAVTEX TRANSMISSION**

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

Mauritius (Cassis) - Operational

Seychelles (Mahe) - Temporarily Out of Operation

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 – Uchchaiya, 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, Seetammmapeta, 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, Biry 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@icctechnologies.com">somnath.marthi@icctechnologies.com</a> <a href="mailto:sanjeev.sharma@icctechnologies.com">sanjeev.sharma@icctechnologies.com</a> Web: <a href="http://www.icctechnologies.com">www.icctechnologies.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**

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings in force as on 15 Mar 17:

<b>2016 SERIES</b>	– 432	464	572	644	685	702	723	729	779	780									
<b>2017 SERIES</b>	– 016	050	055	061	063	119	136	151	156	158	165	166	167	169	173	175	180	182	
	183	184	189	192	194	195	196	198	202	204	206	207	208	210	211	212	213	214	215

3. NAVAREA VIII Warnings issued during the period from 01 Mar to 15 Mar 17 (both dates inclusive) are as tabulated below:–

<b>163. India West Coast – Recommended Route and safety Fairway off Okha.</b> Charts 21 204 205 252 INT 71. Firing from Kathiawar range scheduled daily from 06 to 24 Mar 17 from 0230-1030 UTC in danger area bounded by 22-12.00N 068-36.33E, 21-15.50N 069-04.00E, 21-09.00N 069-40.00E, 21-15.50N 069-42.50E, 22-05.75N 068-49.00E. 2. Cancel this MSG 241130 UTC Mar 17.
<b>164. Gulf of Mannar – off Sri Lanka.</b> Charts 23 262 INT 71. Firing practice scheduled on 06 Mar 17 from 0130 to 0630 UTC in danger circle extending 10 NM from 08-10.1N 079-42.08E. 2. Cancel this MSG 060730 UTC Mar 17.
<b>165. Andaman Sea – off Myanmar.</b> Charts 41 INT 71. MV Ramform Sovereign progressing seismic survey in area bounded by 14-27.4N 095-16.3E, 14-19.7N 095-16.4E, 14-19.7N 095-25.4E, 14-00.0N 095-25.7E, 14-00.0N 094-49.0E, 14-27.3N 094-49.0E. 2. Wide berth of 2.2 NM requested. 3. Cancel this MSG 311830 UTC May 17.
<b>166. Andaman Sea – off Myanmar.</b> Charts 41 INT 71. Petro Vietnam drilling in position 14-52.74N 094-53.60E. 2. Wide berth OF 5 NM requested. 3. Cancel this MSG 301830 UTC Jun 17.
<b>167. Andaman Sea – off Yangon River.</b> Charts 41 452 4019 INT 71. Upper float FI G 7s (16-20.5N 096-20.1E), lower float FI G 3s (16-17.14N 096-17.8E), port (16-23.25N 096-21.47E) and stbd (16-22.60N 096-21.80E) buoys laid. Thura Phyo Kyaw Lin wreck buoy (16-24N 096-21E) adrift. 2. Cancel NAVAREA VIII MSG 110/17.
<b>168. India West Coast – Okha.</b> Charts 2031 INT 71. Racon (22-28N 069-04E) inoperative on 02 Mar 17. 2. Cancel this MSG 021830 UTC Mar 17.
<b>169. India West Coast – Safety Fairway off Tapti ODA.</b> Charts 21 207 210 INT 71. Unmanned and unlit platforms reported B12-1 (20-05.73N 071-41.57E), C-23 (20-32.19N 072-09.17E), and C-26 (20-11.66N 071-52.27E). 2. Wide berth advised. 3. Cancel NAVAREA VIII MSG 334/15.
<b>170. Cancel NAVAREA VIII MSG 143 146 150/17 and this MSG.</b>
<b>171. NE Indian Ocean.</b> Chart INT 71. SLFV Ranagana 2 reported adrift 05-23N 081-29E at 281230 UTC Feb 17. 2. Cancel this MSG 031330 UTC Mar 17.
<b>172. S Bay of Bengal.</b> Chart INT 71. SLFV Yeshan Putha 3 reported adrift 12-10N 086-20E at 280330 UTC Feb 17. 2. Cancel this MSG 030430 UTC Mar 17.
<b>173. India West Coast – Pipavav Port.</b> Charts 207 254 INT 71. Fairway buoy adrift. Last reported position 20-52.75N 071-42.02E.
<b>174. India West Coast – NE Arabian Sea.</b> Charts 22 293 INT 71. Firing by Naval Ships scheduled from 012330-020730 and 022330-030730 UTC mar 17 in danger areas bounded by (a) 17-15N 070-20E, 16-48N 071-34E, 15-18.0N 070-28E, 16-13N 069-08E (b) 18-02N 069-08E, 17-36N 069-35E, 17-30N 067-05E, 17-47N 067-49E. 2. Cancel NAVAREA VIII MSG 144 and this MSG 030830 UTC Mar 17.
<b>175. India West Coast – Safety Fairway off Mumbai.</b> Charts 255 INT 71. SV Polar Marquis progressing seismic survey in area bounded by 18-52.2N 071-06.5E, 18-55.0N 071-06.5E, 18-54.8N 071-38.3E, 18-52.0N 071-30.5E. Vessel towing 10 streamers of 6 KM. 2. Wide berth of 10 NM requested. 3. Cancel this MSG 211830 UTC Mar 17.
<b>176. India West Coast – off Karwar.</b> Charts 22 257 293 INT 71. Firing by Naval Ships scheduled on 07 Mar 17 from 0630 - 1330 UTC in danger area bounded within 14-08N TO 14-40N and 072-42E TO 073-15E. 2. Cancel this MSG 071430 UTC Mar 17.
<b>177. Lakshadweep Sea – off Colombo.</b> Charts 23 263 264 INT 71. Firing practice scheduled on 08 Mar 17 from 0230 to 0630 UTC in danger area bounded within 06-35N TO 06-50N and 079-25E TO 079-39E. 2. Cancel this MSG 080730 UTC Mar 17.

<b>178. Andaman Sea – off Barren I.</b> Charts 41 473 INT 71. Firing practice scheduled on 09 and 10 Mar 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 101030 UTC mar 17.
<b>179. Bay of Bengal – off Trincomalee.</b> Charts 359 3014 INT 71. Firing practice scheduled on 09, 10, 11 Mar from 0230-1130 UTC and 13 Mar 17 from 0230-0830 UTC in danger area bounded within 08-20N TO 08-30N and 081-30E to 081-40E. 2. Cancel this MSG 130930 UTC Mar 17.
<b>180. India West Coast – off Neelam ODA.</b> Charts 21 211 256 INT 71. SV Polar Duchess and Marquis progressing seismic survey in area bounded by 18-19.0N 072-12.0E, 18-22.5N 072-23.3E, 18-12.0N 072-27.0E, 17-54.0N 072-27.0E, 17-52.0N 072-21.0E, 18-00.0N 072-17.0E. 2. Wide berth of over 10 NM requested. 3. Cancel this MSG 261830 UTC Mar 17.
<b>181. India West Coast – off Mumbai and Neelam ODA.</b> Charts 255 256 INT 71. SV Fugro Mapper progressing survey in vicinity of 18-28.0N 072-17.3E, 18-32.7N 072-14.0E, 18-39.2 070-58.9E, 19-15.6N 072-06.6E, 18-16.5N 072-22.8E, 18-01.1N 072-22.7E, 18-08.2N 072-25.3E, 18-08.5N 072-22.1E, 18-16.3N 072-22.6E, 18-15.5N 072-16.3E, 20-08.7N 071-44.9E, 19-04.3N 072-05.4E, 19-39.8N 071-17.6E, 19-27.4N 071-17.9E, 18-40.4N 072-21.4E 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 152 and this MSG 241830 UTC Mar 17.
<b>182. India West Coast – Gulf of Khambhat.</b> Charts 254 INT 71. MV Focus Surveyor and Explorer progressing seismic survey in area bounded by 21-00.0N 071-45.0E, 21-12.5N 072-09.9E, 21-05.9N 072-00.6E, 21-03.3N 072-02.7E, 21-08.3N 072-09.9E, 21-00.1N 072-10.2E. 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 114 this MSG 261830 UTC Mar 17.
<b>183. India West Coast – Mumbai Port.</b> Chart 2016. Buoys N1 shifted/ N2, N3, N5 unlit/ N4 missing/ N6, N8 removed for maintenance/ N14 withdrawn.
<b>184. India West Coast – off Mumbai ODA.</b> Charts 21 255 292 INT 71. GTV Samudra Sarvekshak progressing soil coring in vicinity of 20-19.6N 071-12.5E, 20-42.3N 072-12.8E, 19-39.9N 071-35.7E, 19-36.9N 071-53.4E, 18-53.3N 071-52.5E, 19-00.0N 071-17.2E, 19-13.8N 072-06.8E 2. Wide berth requested. 3. Cancel this MSG 201830 UTC Mar 17.
<b>185. NAVAREA VIII Warnings in Force as on 03 Mar 17</b> <b>2016 Series</b> - 432 464 572 644 685 702 723 729 779 780 <b>2017 Series</b> – 016 050 055 061 063 081 113 118 119 134 135 136 151 153 154 155 156 158 160 161 162 163 164 165 166 167 169 173 175 176 177 178 179 180 181 182 183 184 (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> . 2. Cancel this MSG 101000 UTC Mar 17.
<b>186. India East Coast – N Bay of Bengal.</b> Charts 31 351 352 INT 71. Experimental flight trial scheduled from ITR on 11 and 12 Mar 17 from 0430-0830 UTC in danger zone bounded by 21-22.25N 086-55.71E, 21-00.43N 086-57.66E, 18-14.71N 089-13.08E, 18-39.73N 089-45.24E, 21-17.18N 087-18.93E, 21-22.74N 086-56.34E. 2. Cancel this MSG 120930 UTC Mar 17.
<b>187. North Indian Ocean – off Dondra Head.</b> Charts 33 264 INT 71. Naval firing practice scheduled on 10 Mar 17 from 0330-0630 UTC in danger area extending 5 NM from 05-30N 080-30E. 2. Cancel this MSG 100730 UTC Mar 17.
<b>188. Andaman Sea – Nicobar.</b> Charts 408 INT 71. Tillanchang Lt (08-28N 093-37E) unlit.
<b>189. Andaman Sea – East Island.</b> Charts 402 INT 71. DGPS (13-37N 093-02E) inoperative.
<b>190. India West Coast – Gulf of Kachchh.</b> Charts 203 INT 71. Salaya channel buoys Ranwara unlit/ New North Cardinal, Paga retrieved/ VLCC drifted from laid position and unlit. 2. Cancel NAVAREA VIII MSG 081/17.
<b>191. India West Coast.</b> Charts 251 255 292 INT 71. Rig list correct at 061006 UTC Mar 17. ABAN III 18-55.53N 072-18.18E ABAN IV 18-43.45N 072-22.32E ACTINIA 19-02.60N 071-36.70E CE THORNTON 18-40.10N 072-13.60E DYNAMIC VISION 19-11.03N 072-11.12E DEEP SEA FORTUNE 19-14.65N 071-26.03E DEEP SEA FOSSIL 19-01.86N 071-32.50E FG MCCLINTOCK 18-31.98N 072-15.23E GALVESTON KEY 20-36.05N 072-02.17E GREAT DRILL CHAARU 19-11.99N 072-11.15E GREAT DRILL CHAAYA 18-38.16N 071-00.80E GREAT DRILL CHITRA 19-51.14N 071-04.87E HARVEY H WARD 18-34.57N 072-16.74E

<b>191. Continued.</b>	
JINDAL STAR	19-34.75N 071-59.00E
JT ANGEL	22-22.02N 068-34.31E SAFETY FAIRWAY
NOBLE ED HOLT	19-12.48N 072-06.70E
PARAGON L-786	19-19.47N 071-23.29E
PARAGON M 1161	19-27.68N 071-11.06E
PARAMESWARA	22-49.60N 068-17.74E
RON TAPMEYAR	19-25.34N 071-19.57E
ROWAN LOUISIANA	20-19.02N 071-48.00E
SAGAR GAURAV	22-38.60N 068-25.20E
SAGAR SHAKTI	19-15.09N 070-52.83E
SAGAR JYOTI	18-56.77N 071-54.32E
SAGAR KIRAN	19-25.99N 071-13.06E NEW
SAGAR LAXMI	20-58.00N 071-33.00E
SAGAR PRAGATI	20-58.00N 071-33.00E
SAGAR UDAY	22-58.70N 068-35.80E
TRIDENT II	19-27.37N 071-17.94E
VALIANT DRILLER	19-34.43N 071-23.09E
VIRTUE-I	20-19.05N 072-00.52E
VIVEKANANDA-1	20-32.06N 072-09.16E
VIVEKANANDA-2	19-00.26N 071-51.96E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 162/17.
<b>192. India West Coast – Gulf of Kachchh to Mumbai.</b>	Charts 21 202 255 256 INT 71. SV Fugro Mapper progressing survey in vicinity of 22-49.2N 068-29.1E, 20-19.6N 071-12.5E, 18-28.0N 072-17.3E, 18-32.7N 072-14.0E, 18-39.2 070-58.9E, 19-15.6N 072-06.6E, 18-16.5N 072-22.8E, 18-01.1N 072-22.7E, 18-08.2N 072-25.3E, 18-08.5N 072-22.1E, 18-16.3N 072-22.6E, 18-15.5N 072-16.3E, 20-08.7N 071-44.9E, 19-04.3N 072-05.4E, 19-39.8N 071-17.6E, 19-27.4N 071-17.9E, 18-40.4N 072-21.4E.
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 181 and this MSG 241830 UTC Mar 17.
<b>193. Cancel NAVAREA VIII MSG 163/17 and this MSG.</b>	
<b>194. Lakshadweep Sea and S Bay of Bengal – off Southern Coast of Sri Lanka.</b>	Charts 32 264 INT 71. INS Darshak will progress hydrographic survey from 09 Mar 17 in area bounded within 05-18N to 07-06N and 078-55E to 082-10E.
2.	Wide berth from ship and survey boats requested.
3.	Cancel this MSG 250600 UTC Apr 17.
<b>195. India West Coast – Recommended Route and Safety Fairway off Okha.</b>	Charts 21 204 205 252 INT 71. Firing from Kathiawar range scheduled daily from 14 to 18 Mar 17 from 0230-1030 UTC in danger area bounded by 22-12.00N 068-36.33E, 21-15.50N 069-04.00E, 21-09.00N 069-40.00E, 21-15.50N 069-42.50E, 22-05.75N 068-49.00E.
2.	Cancel this MSG 181130 UTC Mar 17.
<b>196. Andaman Sea – off Little Andaman I.</b>	Charts 406 INT 71. North Brother Lt (10-59n 092-40e) unlit.
<b>197. India West Coast – Gulf of Kachchh.</b>	Charts 203 INT 71. Salaya channel buoys Ranwara unlit and VLCC drifted from laid position and unlit.
2.	Cancel NAVAREA VIII MSG 190/17.
<b>198. India West Coast – off Pipavav Port.</b>	Charts 207 2100 INT 71. MV Ocean Pride and Mariner progressing sub structure installation in position 20-41.5N 071-32.83E.
2.	Wide berth of 03 NM requested.
3.	Cancel this MSG 301830 UTC Apr 17.
<b>199. Cancel NAVAREA VIII MSG 188/17 and this MSG.</b>	
<b>200. India West Coast – off Trivandrum.</b>	Charts 22 222 260 INT 71. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 15 Mar 17 from 0530-0730 UTC.
2.	Danger sector.
(a)	Radius of 05 NM from Thumba between azimuth 190 and 300.
(b)	Radii of 45 and 75 NM from Thumba between azimuth 220 and 260.
3.	Cancel this MSG 150830 UTC Mar 17.
<b>201. India East Coast – Vishakhapatnam.</b>	Charts 31 308 INT 71. Firing by naval coast battery scheduled on 15 Mar 17 from 0630 - 1030 UTC in danger sector extending upto 15 NM between bearing 070 and 130 from 17-42N 083-18E
2.	Cancel this MSG 151130 UTC Mar 17.
<b>202. India East Coast – off Gopalpur.</b>	Charts 31 352 353 3005 INT 71. Army air defence firing and BPTA flight scheduled daily from 16 to 18, 22 to 24 and 27 Mar to 01 Apr 17 from 0130-0730 and 0830-1430 UTC in danger area bounded by (a) 19-14.60N 084-53.70E (b) 19-07.39N 085-35.94E (c) 18-33.61N 084-53.74E and arc of 41 NM radius joining point b and c.
2.	Cancel this MSG 011530 UTC Apr 17.
<b>203. India West Coast – Gulf of Kachchh.</b>	Charts 203 INT 71. Salaya channel buoys Mithapur and Gurur retrieved, Ranwara unlit and VLCC drifted from laid position and unlit.
2.	Cancel NAVAREA VIII MSG 197/17.



<b>204.</b>	<b>NAVAREA VIII Warnings in Force as on 10 Mar 17</b> <b>2016 Series</b> - 432 464 572 644 685 702 723 729 779 780 <b>2017 Series</b> - 016 050 055 061 063 118 119 135 136 151 153 156 158 160 165 166 167 169 173 175 179 180 182 183 184 186 189 191 192 194 195 196 198 200 201 202 203 (a) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet. (b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in. 2. Cancel this MSG 171000 UTC Mar 17.
<b>205.</b>	<b>India West Coast – South of Tapti ODA.</b> Charts 21 210 254 INT 71. Firing by CG aircraft scheduled on 15 Mar 17 from 0830-1130 UTC in danger area bounded by 20-13.3N 071-59E, 20-13.3N 072-08E, 20-06N 072-06.9E, 20-06N 071-57.7E. 2. Cancel this MSG 151230 UTC Mar 17.
<b>206.</b>	<b>India West Coast – off Mumbai and Neelam ODA.</b> Charts 21 255 293 INT 71. Firing by naval ships scheduled on 16 Mar 17 from 1430 to 1730 UTC in danger area bounded within 18-08N to 18-19N and 070-53E to 071-09E and 17 Mar 17 from 0330 to 0630 UTC in danger area bounded within 17-50N to 18-19N and 070-53E to 071-26E. 2. Cancel this MSG 170730 UTC Mar 17.
<b>207.</b>	<b>India West Coast – Kochi.</b> Charts 22 220 260 2029 INT 71. Firing by naval coast battery scheduled on 17, 21, 24, 28 Mar 17 from 0900-1200 UTC and 31 Mar 17 from 0900-1200 and 1230-1430 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. 2. Cancel this MSG 311530 UTC Mar 17.
<b>208.</b>	<b>India West Coast – off Mumbai.</b> Charts 22 211 255 2016 INT 71. Firing by naval ship scheduled from 170800 - 170930 UTC Mar 17 in danger area bounded by 19-01.5N 072-27E, 19-07.5N 072-18.5E, 19-17N 072-16.5E, 19-11.5N 072-25E. 2. Cancel this MSG 171030 UTC Mar 17.
<b>209.</b>	<b>India West Coast – Gulf of Kachchh.</b> Charts 203 INT 71. Salaya channel buoys Narara retrieved, Ranwara unlit, VLCC drifted from laid position and unlit. 2. Cancel NAVAREA VIII MSG 203.
<b>210.</b>	<b>India West Coast.</b> Charts 251 254 255 292 INT 71. Rig list correct at 151001 UTC Mar 17 ABAN III 18-55.85N 072-18.35E NEW ABAN IV 18-43.45N 072-22.32E ACTINIA 19-19.60N 071-01.60E NEW CE THORNTON 18-40.10N 072-13.56E DYNAMIC VISION 19-11.03N 072-11.12E DEEP SEA FORTUNE 19-01.97N 071-32.56E DEEP SEA FOSSIL 18-32.70N 072-13.95E NEW FG MCCLINTOCK 20-32.79N 071-58.41E NEW GALVESTON KEY 19-11.99N 072-11.15E GREAT DRILL CHAARU 18-39.21N 070-58.85E NEW GREAT DRILL CHAAYA 19-51.10N 071-04.90E NEW GREAT DRILL CHITRA 19-14.65N 071-26.03E NEW HARVEY H WARD 18-34.57N 072-16.74E JINDAL STAR 19-34.75N 071-59.00E JT ANGEL 20-19.60N 071-12.51E NEW NOBLE ED HOLT 19-12.80N 072-06.78E NEW PARAGON L-786 19-19.47N 071-23.29E PARAGON M 1161 19-27.55N 071-11.25E NEW PARAMESWARA 22-49.50N 068-17.75E RON TAPMEYAR 19-25.44N 071-19.53E ROWAN LOUISIANA 18-28.02N 072-17.17E NEW SAGAR GAURAV 22-38.90N 068-25.20E NEW SAGAR SHAKTI 19-15.09N 070-52.83E SAGAR JYOTI 18-56.77N 071-54.32E SAGAR KIRAN 19-25.95N 071-13.04E SAGAR UDAY 22-58.80N 068-35.90E TRIDENT II 19-27.37N 071-17.94E VALIANT DRILLER 19-34.43N 071-23.09E VIRTUE-I 20-19.05N 072-00.85E NEW VIVEKANANDA-1 20-32.06N 072-09.16E VIVEKANANDA-2 19-00.26N 071-51.96E 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 191.
<b>211.</b>	<b>India East Coast.</b> Charts 355 356 INT 706. Rig list correct at 151002 UTC Mar 17 ABAN ABRAHAM 16-11.40N 082-10.06E NEW ABAN II 15-22.31N 080-30.51E NEW DEEP DRILLER 5 13-59.20N 080-22.21E NEW

<b>211.</b>	<b>Continued.</b>	
	DS MATDRILL	16-21.37N 081-58.64E NEW
	JACK BATES	16-15.28N 082-12.98E
	RIG 805	16-40.18N 082-25.72E
	SAGAR BHUSHAN	16-30.05N 082-22.05E NEW
	SAGAR RATNA	16-22.40N 081-58.65E NEW
	SAGAR VIJAY	16-19.70N 082-10.85E NEW
2.	Wide berth requested.	
3.	Cancel NAVAREA VIII MSG 118.	
<b>212.</b>	<b>Cancel NAVAREA VIII MSG 135 and this MSG.</b>	
<b>213.</b>	<b>India West Coast – Gulf of Kachchh.</b> Charts 203 INT 71. Salaya channel buoys Narara, Tilburn retrieved/ Ranwara unlit/ VLCC drifted from laid position and unlit.	
2.	Cancel NAVAREA VIII MSG 209.	
<b>214.</b>	<b>South Lakshadweep Sea.</b> Chart INT 71. SLFV Chamindu Putha 02 reported adrift 04-22N 077-15E at 140430 UTC Mar 17.	
2.	Cancel this MSG 170530 UTC Mar 17.	
<b>215.</b>	<b>Gulf of Aden – Somalia.</b> Chart INT 71. MV Aris 13 hijacked in 11-59N 050-45E at 141830 UTC Mar 17. Vessels advised to keep clear of position and exercise caution.	
2.	Cancel this MSG 171930 UTC Mar 17.	

6.1

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

NIL





8.1

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

**INP 31(1), 2014**

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

**NIL**

**INP 31(2), 2014**

*(Last correction: Edition No. 03 dated 01 Feb 2017)*

**NIL**

**INP 31(5), 2011**

*(Last correction: Edition No. 01 dated 1 Jan 2017)*

**NIL**

**INP 31(6), 2012**

*(Last correction: Edition No. 03 dated 01 Feb 2017)*

**NIL**

## **SECTION – IX** **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.

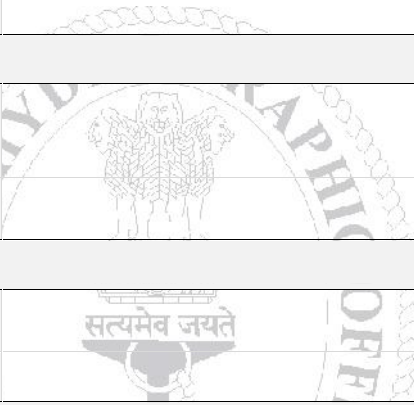
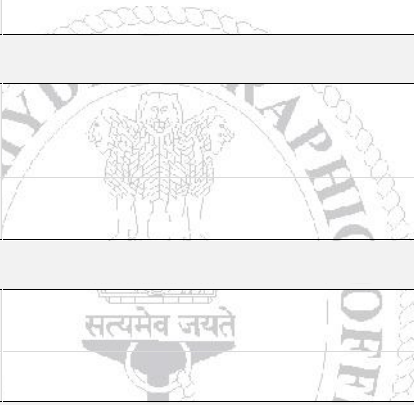




<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object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

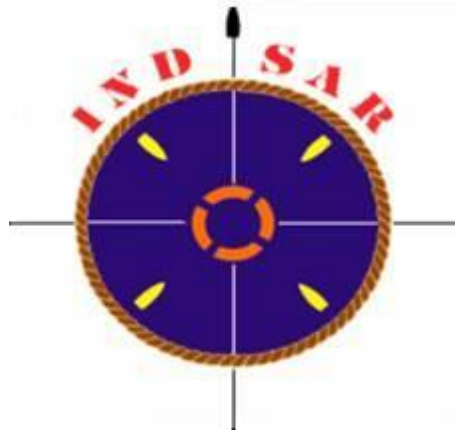
<b>14. RESCUE &amp; DISTRESS</b>	
Salvage, Lifeboat, Life guards, etc	
<b>15. SUPPLIES</b>	
Fuel (Type, Quantities & Method of delivery)	
Fresh water (Method of delivery and Rate of supply)	
Provisions	
Chart agents	
<b>16. COMMUNICATIONS</b>	
Road, Rail and Air services available	
Nearest airport or 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 059/17*

*Chart 2079 (INT 7329 )*

**DREDGING AREA**

Depths in Dredging areas are to be confirmed from the Port Authority.



**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**