



# INDIAN NOTICES TO MARINERS



EDITION NO. 03 DATED 01 FEB 2017

(CONTAINS NOTICES 041 TO 045)

REACH US 24 x 7



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

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



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## II

### MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer  
to the Government of India**

### **WARNING AGAINST USE OF COUNTERFEIT PRODUCTS**

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

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

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

### III

## **EXPLANATORY NOTES**

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

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

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

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

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

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

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

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

**Radio Navigational Warnings.**

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

## IV

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

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

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

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

**Use of Global Positioning System (WGS 84) positions.**

- (a) The positions of hydrographic objects shown on some of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist 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 is 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>
2018 (INT 7321)	31-10-2016	<b>APPROACHES TO KANDLA LIMITS</b> 22° 42'.10N; 70° 02'.80E. 23° 02'.00N; 70° 16'.80E.	37,500	2	Rs. 1870.00
2118	31-10-2016	<b>AZHIKKAL PORT LIMITS</b> 11° 55'.80N; 75° 16'.80E. 11° 57'.70N; 75° 19'.40E.	7,500	3	Rs. 1870.00
		<b>AZHIKKAL ANCHORAGE LIMITS</b> 11° 53'.10N; 75° 06'.20E. 12° 03'.00N; 75° 19'.50E.	37,500		
2119	31-10-2016	<b>BEYPORE PORT LIMITS</b> 11° 08'.50N; 75° 46'.90E. 11° 10'.60N; 75° 49'.47E.	7,500	3	Rs. 1870.00
		<b>BEYPORE ANCHORAGE LIMITS</b> 11° 06'.40N; 75° 42'.40E. 11° 12'.60N; 75° 51'.20E.	25,000		
4014	15-12-2016	<b>RANGAT BAY TO DILIGENT STRAIT LIMITS</b> 12° 10'.00N; 92° 50'.00E. 12° 30'.80N; 93° 22'.40E.	60,000	6	Rs. 1870.00
4040	31-12-2016	<b>MAYABANDAR HARBOUR LIMITS</b> 12° 54'.70N; 92° 52'.30E. 12° 57'.28N; 92° 56'.50E.	7,500	6	Rs. 1870.00

2. The new edition Indian Chart that is available for mariners in the market is 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>
2059 (INT 7322)	31-10-2016	<b>KANDLA CREEK LIMITS</b> 22° 57'.75N; 70° 12'.80E. 23° 02'.90N; 70° 14'.90E.	15,000	2	Rs. 1870.00
		<b>KANDLA SOGAL CHANNEL LIMITS</b> 22° 51'.83N; 70° 07'.30E. 22° 58'.70N; 70° 16'.50E.	20,000		
4017	15-11-2016	<b>EXPEDITION AND GRAND HARBOURS LIMITS</b> 08° 02'.00N; 93° 27'.60E. 08° 05'.20N; 93° 32'.00E.	12,500	6	Rs. 1870.00

**VI**

3. The Indian Chart permanently withdrawn is as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
<b>2003 (BEYPORE ANCHORAGE ONLY)</b>	<b>30-11-2012</b>	<b>BADAGARA ANCHORAGE</b>	<b>2119</b>	<b>31-10-2016</b>
<b>2018</b>	<b>31-12-2009</b>	<b>APPROACHES TO KANDLA</b>	<b>2018</b>	<b>31-10-2016</b>
<b>2025 (AZHIKKAL ANCHORAGE ONLY)</b>	<b>31-12-2003</b>	<b>AZHIKKAL ANCHORAGE; KASARAGOD ANCHORAGE</b>	<b>2118</b>	<b>31-10-2016</b>
<b>2059</b>	<b>30-09-2015</b>	<b>KANDLA SOGAL CHANNEL</b>	<b>2059</b>	<b>31-10-2016</b>
<b>2118</b>	<b>15-07-2014</b>	<b>AZHIKKAL PORT</b>	<b>2118</b>	<b>31-10-2016</b>
<b>4014</b>	<b>15-10-2009</b>	<b>RANGAT BAY TO DILIGENT STRAIT</b>	<b>4014</b>	<b>15-12-2016</b>
<b>4017</b>	<b>30-11-2012</b>	<b>EXPEDITION AND GRAND HARBOURS</b>	<b>4017</b>	<b>15-11-2016</b>
<b>4040</b>	<b>31-08-2007</b>	<b>MAYABANDAR HARBOUR</b>	<b>4040</b>	<b>31-12-2016</b>

4. The new Indian Electronic Navigational Charts that are 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>
<b>IN52119B</b>	<b>2119</b>	<b>BEYPORE ANCHORAGE</b>	<b>25-01-2017</b>
<b>IN62119E</b>	<b>2119</b>	<b>BEYPORE PORT</b>	<b>25-01-2017</b>
<b>IN64040Y</b>	<b>4040</b>	<b>MAYABANDAR HARBOUR</b>	<b>25-01-2017</b>
<b>IN3207HG</b>	<b>207</b>	<b>DIU HEAD TO GOPINATH POINT</b>	<b>30-01-2017</b>
<b>IN3209AU</b>	<b>209</b>	<b>HAZIRA TO UMARGAM</b>	<b>30-01-2017</b>

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>
<b>IN62059B</b>	<b>2059</b>	<b>KANDLA CREEK</b>	<b>25-01-2017</b>
<b>IN62059S</b>	<b>2059</b>	<b>KANDLA SOGAL CHANNEL</b>	<b>25-01-2017</b>
<b>IN64005N</b>	<b>4005</b>	<b>NANCOWRY HARBOUR AND APPROACHES</b>	<b>25-01-2017</b>
<b>IN64017E</b>	<b>4017</b>	<b>EXPEDITION AND GRAND HARBOUR</b>	<b>25-01-2017</b>

## VII

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>
IN52003O	2003	BEYPORE ANCHORAGE	14-02-2013
IN62059B	2059	KANDLA CREEK	28-10-2015
IN62059S	2059	KANDLA SOGAL CHANNEL	28-10-2015
IN64005N	4005	NANCOWRY HARBOUR AND APPROACHES	30-11-2012
IN64017E	4017	EXPEDITION AND GRAND HARBOUR	30-11-2012
IN64040M	4040	MAYABANDAR HARBOUR	07-08-2008
IN3207DG	207	DIU HEAD TO GOPINATH POINT	17-10-2013
IN3209HU	209	HAZIRA TO UMARGAM	27-03-2015

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i> सत्यमेव जयते	<i>Scale</i>	<i>Remarks</i>
2009	BETUL ANCHORAGE; BELEKERI ANCHORAGE	30,000	New Chart
2017	NAVLAKHI & APPROACHES	25,000	New Edition
2076 (INT 7338)	JAWAHARLAL NEHRU PORT AND TROMBAY	20,000	New Chart
2082	APPROACHES TO DAHEJ	25,000	New Edition
3004 (INT 7403)	CHENNAI HARBOUR	15,000	New Edition
3013 (INT 7422)	HUGLI RIVER – HALDIA TO KUKRAHATTI REACH	37,500	New Chart
4010	DUGONG CREEK; HUT BAY	25,000	New Chart
4011	EAST BAY	12,500	New Chart

## VIII

### 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 041 to 045 contained in this edition is as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
20	1	043
218	3	044
251 (INT 7318)	2	042
271	2	042
288	1	043
289	1	043
291	2	042
405 (INT 7440)	6	041
2003	3	044
2025	3	044
2036	3	045 (T)
2103	3	045 (T)



**SECTION – II****PERMANENT NOTICES****\*041(03/17) INDIA – ANDAMAN SEA – Port Blair to Little Andaman I. – Rock.**

Source: NHO, Dehradun.

**Chart 405 (INT 7440)** [ *previous update NC 15 Apr 16* ]

Delete



11° 07′.25N., 92° 30′.20E.

**\*042(03/17) ARABIAN SEA – COASTS OF PAKISTAN AND INDIA – Sir Creek to Dwarka – Wreck.**

Source: Hydro Pak.

**Chart 291** [ *previous update 033/17* ]

Insert



22° 50′.00N., 067° 54′.00E.

**Chart 271** [ *previous update 146/16* ]

Insert



22° 50′.00N., 067° 54′.00E.

**Chart 251 (INT 7318)** [ *previous update 146/16* ]

Insert



22° 50′.00N., 067° 54′.00E.

**\*043(03/17) STRAIT OF HORMUZ TO QATAR – Platforms.**

Source: BA Notice 5596/16

**Chart 20** [ *previous update 149/16* ]

Insert



26° 28′.90N., 051° 45′.60E.

26° 33′.70N., 052° 20′.30E.

**Chart 288** [ *previous update 151/15* ]

Insert



26° 28′.90N., 051° 45′.60E.

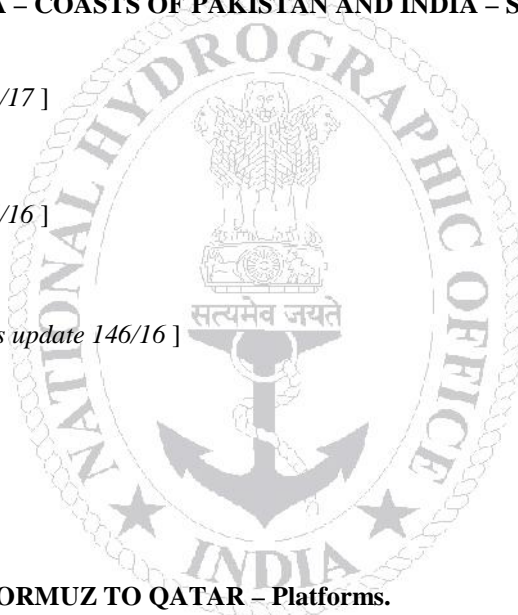
**Chart 289** [ *previous update 038/17* ]

Insert



26° 28′.90N., 051° 45′.60E.

26° 33′.70N., 052° 20′.30E.



<b>*044 (03/17)</b>		<b>Miscellaneous updates to charts.</b>
Source: NHO.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>Chart 2003</b>	<i>031/15</i>	Part of Chart 2003 ( <b>BEYPORE ANCHORAGE</b> ) is withdrawn on publication of new chart 2119.
<b>Chart 2025</b>	<i>162/16</i>	Part of Chart 2025 ( <b>AZHIKKAL ANCHORAGE</b> ) is withdrawn on publication of new chart 2118.
<b>218</b>	<i>162/16</i>	Insert Chart No.2118 and Magenta limit as follows: 11° 53'·10N., 75° 06'·20E. 12° 03'·00N., 75° 06'·20E. 12° 03'·00N., 75° 19'·50E. 11° 53'·10N., 75° 19'·50E. 11° 53'·10N., 75° 06'·20E.
		Delete Chart No.2025 and Magenta limit as follows: 11° 53'·12N., 75° 06'·32E. 12° 03'·00N., 75° 06'·32E. 12° 03'·00N., 75° 19'·50E. 11° 53'·12N., 75° 19'·50E. 11° 53'·12N., 75° 06'·32E.



**SECTION – III**

**TEMPORARY AND PRELIMINARY NOTICES**

**\*045 (T) (03/17) INDIA – WEST COAST – Dighi Port – Buoys.**

Source: Dighi Port LTD.

1. All channel marking buoys are unlit. Port is undertaking day navigation only.
2. Mariners are advised to contact local port authorities for more information.

**Charts affected – 2036 – 2103.**



## **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, 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, 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@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**

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 31 Jan 17:

**2015 SERIES** –334

**2016 SERIES** – 064 432 464 475 572 644 685 702 703 723 729 737 767 779 780

**2017 SERIES** – 002 016 021 023 031 035 036 039 040 044 050 053 054 055 056 061 063 069 070  
071 072 073 074 075 076 078 079

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

**031. NE Bay of Bengal.** Charts 31 INT 71. MV Polarcus Amani will progress seismic survey from 17 Jan to 23 Feb 17 in area bounded by 18-15.63N 090-57.79E, 17-53.79N 091-31.78E, 17-32.88N 091-17.10E, 18-00.46N 090-34.09E, 18-15.48N 090-44.57E.

2. Clearance of 2.2 NM from area requested.

3. Cancel this MSG 231830 UTC Feb 17.

**032. India East Coast.** Charts 355 INT 706. Rig list correct at 161002 UTC Jan 17.

ABAN ABRAHAM 16-11.95N 082-10.25E NEW

ABAN II 16-23.23N 082-01.41E

DDKG 2 16-41.52N 082-42.73E

DS MATDRILL 16-15.88N 081-41.93E

JACK BATES 16-15.28N 082-12.98E

RIG 805 16-40.18N 082-25.72E

SAGAR BHUSHAN 16-17.74N 082-11.03E

SAGAR RATNA 16-20.43N 081-59.35E

SAGAR VIJAY 16-19.41N 082-10.51E

2. Wide berth requested.

3. Cancel NAVAREA VIII MSG 786.

**033. India West Coast – off Mumbai and Ratna ODA.** Chart 292 293 INT 71. SV Polar Duchess progressing seismic survey in areas:

(a) 18-19.00N 072-12.00E, 18-22.47N 072-23.33E, 18-12.00N 072-27.00E, 17-54.00N 072-27.00E, 17-52.00N 072-21.00E, 18-00.00N 072-17.00E

(b) 19-46.00N 071-32.00E, 19-46.00N 071-40.00E, 19-41.00N 071-40.00E, 19-41.00N 071-45.00E, 19-46.00N 071-45.00E, 19-46.00N 071-57.00E, 19-31.33N 071-57.00E, 19-31.33N 071-32.00E

(c) 19-13.53N 071-05.28E, 19-16.97N 071-14.88E, 19-13.95N 071-16.15E, 19-14.65N 071-17.87E, 19-11.77N 071-19.00E, 19-12.87N 071-22.00E, 19-11.63N 071-22.43E, 19-12.72N 071-25.62E, 19-10.48N 071-26.50E, 19-12.15N 071-31.38E, 19-14.36N 071-30.53E, 19-16.94N 071-38.00E, 18-54.87N 071-38.00E, 18-55.75N 071-26.00E, 18-55.00N 071-11.44E, 19-00.00N 071-11.50E, 19-00.00N 071-15.00E, 19-05.00N 071-15.00E.

2. Wide berth of 10 NM requested.

3. Cancel this MSG 151830 UTC Feb 17.

**034. Bay of Bengal – off Trincomalee.** Charts 359 3014 INT 71. Naval firing practice scheduled on 21 Jan 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 210930 UTC Jan 17.

**035. Bay of Bengal – off Myanmar.** Charts 371 INT 706. MV Fugro supporter will progress survey from 19 Jan 17 in area bounded by 19-00.06N 092-08.86E, 19-00.06N 093-14.70E, 18-15.06N 093-53.30E, 18-15.06N 092-08.86E.

2. Wide berth of 2.2 NM requested.

3. Cancel this MSG 151830 UTC Feb 17.

**036. India East Coast- Krishnapatnam.** Charts 3034 INT 71. DGPS (14-17N 080-08E) inoperative.

**037. Central Bay of Bengal.** Charts 33 INT 71. SLFV Madu 6 reported adrift 13-59N 084-53E at 170330 UTC Jan 17 due engine failure.

2. Cancel this MSG 200330 UTC Jan 17.

**038. India West Coast – off Azhikkal.** Charts 22 258 INT 71. INS Makar progressing survey using towed equipment in area bounded by 12-03.2N 075-06E, 12-03.2N 075-08E, 11-53N 073-17.2E, 11-53N 075-06E.

2. Wide berth of 03 NM requested.

3. Cancel this MSG 261830 UTC Jan 17.



<p><b>039. India West Coast – off Mumbai and Ratna ODA.</b> Chart 292 293 INT 71. SV Polar Duchess and Polar Marquis progressing seismic survey in areas:</p> <p>(a) 18-19.00N 072-12.00E, 18-22.47N 072-23.33E, 18-12.00N 072-27.00E, 17-54.00N 072- 27.00E, 17-52.00N 072-21.00E, 18-00.00N 072-17.00E.</p> <p>(b) 19-46.00N 071-32.00E, 19-46.00N 071-40.00E, 19-41.00N 071-40.00E, 19-41.00N 071- 45.00E, 19-46.00N 071-45.00E, 19-46.00N 071-57.00E, 19-31.33N 071-57.00E, 19-31.33N 071- 32.00E.</p> <p>(c) 19-13.53N 071-05.28E, 19-16.97N 071-14.88E, 19-13.95N 071-16.15E, 19-14.65N 071-17.87E, 19-11.77N 071-19.00E, 19-12.87N 071-22.00E, 19-11.63N 071-22.43E, 19-12.72N 071-25.62E, 19-10.48N 071-26.50E, 19-12.15N 071-31.38E, 19-14.36N 071-30.53E, 19-16.94N 071-38.00E, 18-54.87N 071-38.00E, 18-55.75N 071-26.00E, 18-55.00N 071-11.44E, 19-00.00N 071-11.50E, 19-00.00N 071-15.00E, 19-05.00N 071-15.00E.</p> <p>2. Wide berth of 10 NM requested.</p> <p>3. Cancel NAVAREA 033 and this MSG 201830 UTC Feb 17.</p>																		
<p><b>040. 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 23 Jan to 24 Feb 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.</p> <p>2. Cancel this MSG 241130 UTC Feb 17.</p>																		
<p><b>041. Bay of Bengal – off Kankasanturai.</b> Charts 32 358 INT 71. Naval firing practice scheduled on 23 Jan 17 from 0230-0830 UTC in danger circle extending 5 NM from 09-55N 080-33E.</p> <p>2. Cancel this MSG 230930 UTC Jan 17.</p>																		
<p><b>042. India West Coast – Safety Fairway off Tapti ODA.</b> Charts 21 210 INT 71. Firing by CG Aircraft scheduled on 24 Jan 17 from 0330-1130 UTC in danger area bounded by 20-13.3N 071-59.0E, 20-13.3N 072-08.0E, 20-06.0N 072-06.9E, 20-06.0N 071-57.7E.</p> <p>2. Cancel this MSG 241230 UTC Jan 17.</p>																		
<p><b>043. India East Coast – off Balasore.</b> Charts 31 351 352 3031 INT 71. Experimental Flight Trial scheduled from ITR on 24, 25 and 27 Jan 17 from 0530-0930 UTC in danger zone bounded by 21-22.36N 086-55.59E, 21-13.92N 086-51.84E, 20-39.66N 087-22.32E, 20-52.38N 087-36.66E, 21-25.74N 087-05.16E, 21-22.88N 086-56.20E.</p> <p>2. Cancel this MSG 271030 UTC Jan 17.</p>																		
<p><b>044. India East Coast.</b> Charts 355 INT 706. RIG list correct at 191007 UTC Jan 17.</p> <table> <tr> <td>ABAN ABRAHAM</td> <td>16-04.04N 082-48.88E NEW</td> </tr> <tr> <td>ABAN II</td> <td>16-23.23N 082-01.41E</td> </tr> <tr> <td>DDKG 2</td> <td>16-41.52N 082-42.73E</td> </tr> <tr> <td>DS MATDRILL</td> <td>16-15.88N 081-41.93E</td> </tr> <tr> <td>JACK BATES</td> <td>16-15.28N 082-12.98E</td> </tr> <tr> <td>RIG 805</td> <td>16-40.18N 082-25.72E</td> </tr> <tr> <td>SAGAR BHUSHAN</td> <td>16-17.74N 082-11.03E</td> </tr> <tr> <td>SAGAR RATNA</td> <td>16-20.43N 081-59.35E</td> </tr> <tr> <td>SAGAR VIJAY</td> <td>16-19.41N 082-10.51E</td> </tr> </table> <p>2. Wide berth requested.</p> <p>3. Cancel NAVAREA VIII MSG 032.</p>	ABAN ABRAHAM	16-04.04N 082-48.88E NEW	ABAN II	16-23.23N 082-01.41E	DDKG 2	16-41.52N 082-42.73E	DS MATDRILL	16-15.88N 081-41.93E	JACK BATES	16-15.28N 082-12.98E	RIG 805	16-40.18N 082-25.72E	SAGAR BHUSHAN	16-17.74N 082-11.03E	SAGAR RATNA	16-20.43N 081-59.35E	SAGAR VIJAY	16-19.41N 082-10.51E
ABAN ABRAHAM	16-04.04N 082-48.88E NEW																	
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SAGAR RATNA	16-20.43N 081-59.35E																	
SAGAR VIJAY	16-19.41N 082-10.51E																	
<p><b>045. Cancel NAVAREA VIII 754 and This MSG.</b></p>																		
<p><b>046. Bay of Bengal – off Trincomalee.</b> Charts 359 3014 INT 71. Naval firing practice scheduled on 25 Jan 17 from 0330-0830 UTC in danger area bounded within 08-20N to 08-30N and 081-30E to 081-40E.</p> <p>2. Cancel this MSG 250930 UTC Jan 17.</p>																		
<p><b>047. Lakshadweep Sea – off Colombo.</b> Charts 23 263 INT 71. Firing practice scheduled on 26 Jan 17 from 0330 to 0930 UTC in danger area bounded within 06-35N to 06-50N and 079-25E to 079-39E.</p> <p>2. Cancel this MSG 261030 UTC Jan 17.</p>																		
<p><b>048. India West Coast – Okha.</b> Charts 2068 INT 705. Racon (22-29N 069-04E) under testing 22 Jan 17.</p> <p>2. Cancel NAVAREA MSG 221830 UTC Jan 17.</p>																		
<p><b>049. NAVAREA VIII Warnings in force as on 20 Jan 17.</b></p> <p><b>2015 Series</b> - 287 334 386</p> <p><b>2016 Series</b> - 064 432 464 475 572 644 685 702 703 723 729 737 740 767 779 780 781 790 805 808</p> <p><b>2017 Series</b> – 002 005 007 008 009 014 016 019 021 023 031 034 035 036 038 039 040 041 042 043 044 046 047 048</p> <p>(A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet.</p> <p>(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 271000 UTC Jan 17.</p>																		
<p><b>050. Andaman Sea – Rangoon River.</b> Charts 410 INT 71. MV. Dong Thein Phyu silver wreck buoy (16-11.846N 096-19.38E) reported sunk.</p>																		
<p><b>051. Cancel NAVAREA MSG VIII 008/17 and this MSG.</b></p>																		

<b>052.</b>	<b>North Indian Ocean.</b> Charts 23 INT 71. SLFV green 01 reported adrift 04-25N 079-45E at 200900 UTC Jan 17 2. Cancel this MSG 230900 UTC Jan 17.
<b>053.</b>	<b>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 781/16.
<b>054.</b>	<b>India East Coast – off Gopalpur.</b> Charts 352 INT 71. RV Samudra Kaustubh progressing survey in area bounded by 19-27.49N 085-23.13E, 19-22.82N 085-17.43E, 19-15.09N 085-23.64E, 19-19.70N 085-29.33E. 2. Wide berth requested. 3. Cancel this MSG 081830 UTC Feb 17.
<b>055.</b>	<b>India East Coast – off Rava ODA.</b> Charts 355 INT 71. SV Brahmaputra dolphin, kohinoor-1 and ganesh progressing seismic survey in area bounded by 16-20.71N 081-39.09E, 16-19.80N 081-43.67E, 16-22.80N 081-50.41E, 16-24.34N 081-56.82E, 16-29.27N 082-06.86E, 16-26.13N 082-04.32E, 16-21.74N 082-06.78E, 16-19.97N 082-06.79E, 16-18.63N 082-04.50E, 16-16.07N 081-56.78E, 16-14.28N 081-49.47E, 16-14.92N 081-48.88E, 16-15.21N 081-47.87E, 16-15.23N 081-39.07E. 2. Vessels towing 4 cables of 16 KM with buoys. 3. Wide berth requested. 4. Cancel this MSG 311830 UTC Aug 17.
<b>056.</b>	<b>India East Coast – off Chennai.</b> Charts 32 356 357 INT 71. RV Samudra Ratnakar progressing survey in area bounded within 12-32.88N to 13-20.37N and 080-26.29E to 080-44.94E. 2. Wide berth requested. 3. Cancel this MSG 071830 UTC Feb 17.
<b>057.</b>	<b>India East Coast- Chennai.</b> Charts 32 313 3001 3004 INT 71. Firing by Naval Coast Battery scheduled on 27 Jan 17 from 0530 - 0730 UTC. 2. Danger sector extending upto 5.5 NM between bearing 045 and 075 from 13-07.02N 080-18.01E. 3. Cancel this MSG 270830 UTC Jan 17.
<b>058.</b>	<b>India East Coast – Chennai.</b> Charts 313 357 INT 71. CS Asean Restorer progressing cable repairs around 12-55.59N 080-33.03E. 2. Wide berth requested. 3. Cancel this MSG 301830 UTC Feb 17.
<b>059.</b>	<b>India West Coast – N Arabian Sea.</b> Charts 21 INT 71 705. Firing by naval ships scheduled from 270630-290630 UTC Jan 17 in danger area bounded by 19-18.38N 066-47.41E, 17-48.31N 069-31.36E, 16-46.39N 068-02.29E, 18-11.15N 066-00.00E. 2. Cancel this MSG 290730 UTC Jan 17.
<b>060.</b>	<b>India West Coast – off Angria Bank.</b> Charts 22 INT 71 705. Firing by naval ships scheduled from 270530-290530 UTC Jan 17 in danger area bounded by 16-33.5N 069-56.5E, 17-07.5N 070-55.5E, 16-48.5N 072-05.5E, 15-49.0N 072-37.5E, 14-46.0N 072-20.0E, 14-07.0N 071-10.0E, 14-36.5N 070-08.5E, 15-28.5N 069-39.0E. 2. Cancel this MSG 290630 UTC Jan 17.
<b>061.</b>	<b>India West Coast – Kochi Port.</b> Charts 2004 INT 71. Buoy 13 missing and buoy 8 unlit with top mark missing.
<b>062.</b>	<b>Bay of Bengal and North Indian Ocean.</b> Charts 31 INT 71. Experimental flight trial scheduled from ITR daily from 29-31 Jan 17 from 0630-1030 UTC in danger zone bounded by 17-41.52N 083-39.44E, 15-02.05N 082-59.53E, 03-26.45N 086-26.01E, 04-54.30N 090-39.06E, 16-05.17N 086-00.64E, 17-43.08N 083-43.91E and 06-42.27S 088-43.91E, 10-41.44S 089-33.12E, 08-08.42S 096-53.65E, 04-30.43S 095-03.75E. 2. Cancel this MSG 311130 UTC Jan 17.
<b>063.</b>	<b>Bay of Bengal – off Myanmar.</b> Charts 371 INT 706. MV Fugro Voyager will progress survey from 25 Jan 17 in area bounded by 19-56.43N 092-25.60E, 19-29.36N 092-42.85E, 19-26.63N 092-34.28E, 19-50.99N 092-19.89E. 2. Wide berth of 2.2 NM requested. 3. Cancel this MSG 311830 UTC Mar 17.
<b>064.</b>	<b>Cancel NAVAREA VIII MSG 043/17 and this MSG.</b>
<b>065.</b>	<b>India West Coast – Mumbai ODA.</b> Charts 255 293 INT 71. White cylindrical floating object of 2 / 0.5 metres length / dia reported adrift 19-20.97N 071-30.96E. 2. Cancel this MSG 271000 UTC Jan 17.
<b>066.</b>	<b>Cancel NAVAREA VIII MSG 287/15 and this MSG.</b>
<b>067.</b>	<b>India West Coast – Okha.</b> Charts 21 203 2068 INT 71. Firing by Naval Coast Battery scheduled on 30 Jan 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 300830 UTC Jan 17.
<b>068.</b>	<b>Cancel NAVAREA VIII MSG 386/15 and this MSG.</b>
<b>069.</b>	<b>Andaman Sea – off Irrawaddy Delta.</b> Charts 410 451 INT 71. CS Asean Explorer will progress cable grounding from 29 Jan to 21 Feb 17 in vicinity of 15-25.13N 095-41.47E. 2. Wide berth requested. 3. Cancel this MSG 211830 UTC Feb 17.

<p><b>070. Bay of Bengal And North Indian Ocean.</b> Charts 31 INT 71. Experimental flight trial scheduled from ITR daily from 30 Jan to 01 Feb 17 from 0630-1030 UTC in danger zone bounded by 17-41.52N 083-39.44E, 15-02.05N 082-59.53E, 03-26.45N 086-26.01E, 04-54.30N 090-39.06E, 16-05.17N 086-00.64E, 17-43.08N 083-43.91E and 06-42.27S 088-43.91E, 10-41.44S 089-33.12E, 08-08.42S 096-53.65E, 04-30.43S 095-03.75E.</p> <p>2. Cancel NAVAREA 062 and this MSG 011130 UTC Feb 17.</p>																		
<p><b>071. India West Coast – off Karwar.</b> Charts 22 293 257 INT 71. Firing by Naval Ships scheduled from 312230 Jan - 010830 Feb and from 020230 - 020630 UTC Feb 17 in danger area bounded within 14-08N to 14-40N and 072-42E to 073-15E.</p> <p>2. Cancel this MSG 020730 UTC Feb 17.</p>																		
<p><b>072. India East Coast- Vishakhapatnam.</b> Charts 31 308 3002 INT 71. Firing by Naval Coast Battery scheduled on 01 Feb 17 from 0630 - 1030 UTC in danger sector extending upto 15 NM between bearing 070 and 130 from 17-42N 083-18E.</p> <p>2. Cancel this MSG 011130 UTC Feb 17.</p>																		
<p><b>073. NAVAREA VIII Warnings in force as on 27 Jan 17.</b></p> <p><b>2015 series</b> - 334</p> <p><b>2016 series</b> - 064 432 464 475 572 644 685 702 703 723 729 737 740 767 779 780 790 805 808</p> <p><b>2017 series</b> – 002 005 007 009 016 019 021 023 031 035 036 038 039 040 044 047 050 053 054 055 056 058 059 060 061 063 067 069 070 071 072</p> <p>(a) NAVAREA VIII Warnings less than 42 days promulgated via SafetyNet.</p> <p>(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 031000 UTC Feb 17.</p>																		
<p><b>074. India West Coast – Kochi.</b> Charts 22 220 2029 INT 71. Firing by Naval coast Battery Scheduled on</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>TIME (UTC)</th> </tr> </thead> <tbody> <tr> <td>03 FEB 17</td> <td>0900-1200</td> </tr> <tr> <td>07 FEB</td> <td>0900-1200 AND 1230-1430</td> </tr> <tr> <td>10 FEB</td> <td>0900-1200</td> </tr> <tr> <td>14 FEB</td> <td>0900-1200</td> </tr> <tr> <td>17 FEB</td> <td>0900-1200</td> </tr> <tr> <td>21 FEB</td> <td>0900-1200</td> </tr> <tr> <td>24 FEB</td> <td>0900-1200 AND 1230-1430</td> </tr> <tr> <td>28 FEB</td> <td>0900-1200</td> </tr> </tbody> </table> <p>2. Firing area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44.0N 076-17.5E, 09-42.5N 076-09.5E.</p> <p>3. Cancel this MSG 281300 UTC Feb 17.</p>	DATE	TIME (UTC)	03 FEB 17	0900-1200	07 FEB	0900-1200 AND 1230-1430	10 FEB	0900-1200	14 FEB	0900-1200	17 FEB	0900-1200	21 FEB	0900-1200	24 FEB	0900-1200 AND 1230-1430	28 FEB	0900-1200
DATE	TIME (UTC)																	
03 FEB 17	0900-1200																	
07 FEB	0900-1200 AND 1230-1430																	
10 FEB	0900-1200																	
14 FEB	0900-1200																	
17 FEB	0900-1200																	
21 FEB	0900-1200																	
24 FEB	0900-1200 AND 1230-1430																	
28 FEB	0900-1200																	
<p><b>075. India West Coast – North Arabian Sea.</b> Charts 21 INT 71 705. Firing by Naval Ships scheduled from 040630-060830 UTC Feb 17 in danger area bounded by 19-18.38N 066-47.41E, 17-48.31N 069-31.36E, 16-46.39N 068-02.29E, 18-11.15N 066-00.00E.</p> <p>2. Cancel this MSG 060930 UTC Feb 17.</p>																		
<p><b>076. India West Coast – off Mormugao.</b> Charts 22 INT 71 705. Firing by Naval ships scheduled from 041230-060630 UTC Feb 17 in danger area bounded by 17-14.0N 072-30.0E, 16-38.0N 070-15.0E, 12-50.0N 071-40.0E, 13-38.0N 073-45.0E, 15-20.0N 073-32.5E, 17-14.0N 072-30.0E.</p> <p>2. Cancel this MSG 060730 UTC Feb 17.</p>																		
<p><b>077. Cancel NAVAREA VIII MSG 009 058/17 and this MSG.</b></p>																		
<p><b>078. India West Coast – off Azhikkal.</b> Charts 22 258 INT 71. INS Makar progressing survey in area bounded by 12-03.2N 075-06.0E, 12-03.2N 075-08.0E, 11-53.0N 075-17.2E, 11-53.0N 075-06.0E.</p> <p>2. Wide berth of 03 NM requested.</p> <p>3. Cancel this MSG 071830 UTC Feb 17.</p>																		
<p><b>079. India West Coast – Mumbai ODA.</b> Charts 255 INT 71. MV Flamboyan progressing survey in area bounded by 19-38.1N 071-26.9E, 19-41.4N 072-04.5E, 19-06.6N 072-11.1E, 19-08.9N 072-01.2E, 19-25.4N 071-57.7E, 19-23.6N 071-32.1E.</p> <p>2. Wide berth requested.</p> <p>3. Cancel this MSG 281830 UTC Feb 17.</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
D7296.74	STRAIT OF GUBAL. JUZUR ASHRAFI - NE inner reef near S end. Umm al Kiman	27 47.34 N 33 42.38 E	FI(3+1)W 15s	38	17	Black brick structure, white bands	<b>Aeromarine.</b> (fl 0.3, ec 1.4) x 2, (fl 0.3, ec 5.5) x 2. <b>TE 2003</b> ILRS Vol 2 Station 74400
*	- - -	.. *	Racon	.. *	.. *	.. *	*
D7298.42	- No 11	24 23.65 N 37 09.52 E	FI(2)W 10s	5	5	Black pile, red band	Lit beacons Nos 9, 8, 12 and 13 mark reefs eastward
D7298.575	- Shi'b as Sabah. No 30	23 51.57 N 37 53.57 E	FI(2)W 6s	7	5		*
D7298.58	- - No 34	23 49.97 N 37 54.38 E	Q(9)15s	7	4	∇ on black pile, yellow top	*
D7576-2	Al Khiran. Breakwater. N End	28 41.49 N 48 23.15 E	F W	..	3	Post 2	*
D7576-3	Al Khiran. Breakwater	28 41.42 N 48 23.28 E	F W	..	3	Post 2	*
D7576-5	Al Khiran. Breakwater. S End	28 41.09 N 48 23.28 E	F W	..	3	Post 2	*
D7679-41	Bandar-e aheri. Breakwater. Head	27 39.56 N 52 20.92 E	FI(2)R 6s	..	5	Red beacon	*
D7679-42	Bandar-e aheri. S Breakwater. Head	27 39.59 N 52 20.96 E	FI(2)G 6s	..	5	Green beacon	*
D7679.5	Bandar-e Taheri	27 39.14 N 52 21.55 E	FI(2)W 8s	13	12	Metal tower	*
F1371.2	- - W end	03 47.41 N 98 42.59 E	FI R 5s	2	4.5	Red □ on red beacon	*
F1417-3	PULAU BABI - SE	00 57.03 N 103 21.87 E	FI W 5s	13	10	White beacon	Ra refl
F1424	- Genting Reef	00 40.38 N 103 43.62 E	FI W 4s	15	12	White beacon 10	fl 1. Ra refl
F1678.6	SINGAPORE PORT. JOHOR STRAIT - Tuas View.Lube Park. Lts in line 200.7°. Front	01 16.51 N 103 36.59 E	Q R	11	..	Red Δ on white metal pole	*
F1678.61	- Tuas View.Lube Park. Lts in line 200.7°. Rear	01 16.49 N 103 36.59 E	Iso R 4s	15	..	Red ∇ on white metal pole	*
K0819	Ile Murray	49 30.92 S 70 15.89 E	FI(3)W 12s	49	11		*
K0821	Port Aux Francais. Ldg Lts 058°. Front	49 21.28 S 70 13.64 E	Q G	8	19	Black and white chequered beacon	*
K0821.1	- - Rear. 700m from front	49 21.07 S 70 14.16 E	Q G	20	19	Black and white chequered beacon	*
K0945.5	-	02 58.49 S 104 51.06 E	FI W	..	..	Yellow x on Yellow beacon on dolphin	*

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

**INP 31(1), 2014**

(Last correction: Edition No. 23 dated 01Dec2016)

NIL

**INP 31(2), 2014**

(Last correction: Edition No. 24 dated 16 Dec 2016)

**PAGE 82, TABLE 02**

Insert entry below **17 Nov 2016**

0 hours	1 Jan 2017	+0.6 seconds	2/17
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(Source: BA 02/17)

(03 /17)

**INP 31(5), 2011**

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

NIL

**INP 31(6), 2012**

(Last correction: Edition No. 24 dated 16 Dec 2016 )

**PAGE 68, INDONESIA (Sumatera), Batuampar,**

Delete entry and replace by,

**BATUAMPAR, Sumatera**                      **01°10'N 104°00'E**  
**UNCTAD LOCODE: ID BUR**

**Pilots**

**PROCEDURE: Pilotage is available.**

**Vessel Traffic Service**

**CONTACT DETAILS:**

Call: VTS Batam  
VHF Channel: Ch 16 67 83  
Telephone: +62(0)778 4100028  
Fax: +62(0)778 4100029  
E-mail: adminvts@batamvts.com  
Website: www.batamvts.com  
MMSI: 005250012

**NOTE:**

Provides an Information Service (INS).

**Port****CONTACT DETAILS:**

VHF Channel: Ch 16 84  
 Telephone: +62(0)778 430994  
 +62(0)778 430996  
 Fax: +62(0)778 450720

**PAGE 68, INDONESIA (Sumatera), BELAWAN,  
 below Pilot Section.**

*Insert entry:*

**Vessel Traffic Service****CONTACT DETAILS:**

Call: VTS Belawan  
 VHF Channel: Ch 68 71  
 Telephone: +62(0)61 6941203  
 Fax: +62(0)61 6941474  
 E-mail: belawanportvts@gmail.com  
 MMSI: 005250003

**PAGE 75, INDONESIA (Sumatera),  
 PALEMBANG, below Pilot Section.**

*Insert entry:*

**Vessel Traffic Service****CONTACT DETAILS:**

Call: VTS Palembang  
 VHF Channel: Ch 67 68  
 E-mail: palembangvts@gmail.com  
 MMSI: 005251571

**PAGE 76, INDONESIA (Sumatera), PANJANG,  
 below Pilots and port.**

*Insert entry:*

**Vessel Traffic Service****CONTACT DETAILS:**

Call: VTS Panjang  
 VHF Channel: Ch 16 20 22  
 Telephone: +62(0)721 31139  
 E-mail: panjangvts@yahoo.com  
 MMSI: 005250013

**PAGE 80, INDONESIA (Sumatera), TELUK  
 BAYUR, below Pilots and Port.**

*Insert entry:*

**Vessel Traffic Service****CONTACT DETAILS:**

Call: VTS Teluk Bayur  
 VHF Channel: Ch 16  
 Telephone: +62(0)811 663468 (Mobile)  
 Fax: +62(0)751 751333  
 E-mail: telukbayurrdbo\_pkv@yahoo.com  
 MMSI: 005250075

## **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.

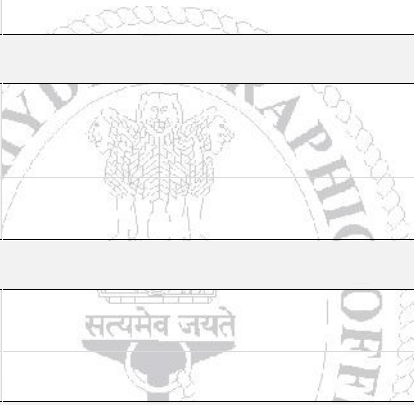
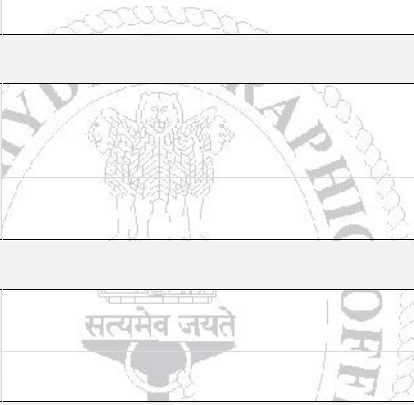
*Please Note:* - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication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

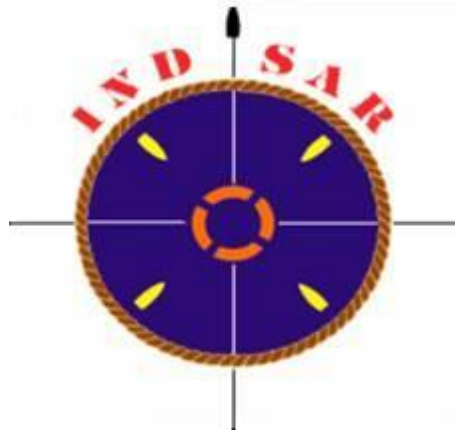


<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object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



**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**