

# INDIAN NOTICES TO MARINERS



EDITION NO. 23 DATED 01 DEC 2015

(CONTAINS NOTICES 187 TO 195)

REACH US 24 x 7



in的角度@nic.in  
msis-inho-navy@nic.in



+91-135-2748373



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



Joint Director of Hydrography  
Maritime Safety Information Services  
+91- 135 - 2747360-65

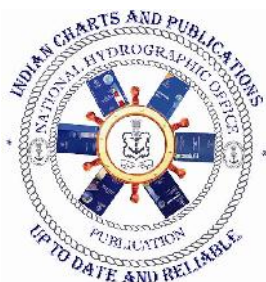
[www.hydrobharat.gov.in](http://www.hydrobharat.gov.in)

## 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@nic.in](mailto:msis-inho-navy@nic.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<sub>s</sub> 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>
2004 (INT 7359)	31-10-2015	<b>KOCHI HARBOUR</b> <b>Limits</b> 09° 53'.80N; 76° 04'.60E. 10° 02'.40N; 76° 18'.00E.	25,000	3	Rs. 1870.00
2020	31-10-2015	<b>MORMUGAO AND PANAJI</b> 15° 18'.70N; 73° 42'.00E. 15° 32'.00N; 73° 51'.00E.	25,000	3	Rs. 1870.00
2035	30-09-2015	<b>KALPENI AND CHERIYAM ISLANDS</b> 09° 59'.50N; 73° 33'.80E. 10° 12'.80N; 73° 42'.50E.	25,000	4	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>
2105	31-10-2015	<b>JAIGARH AND ANGRE PORTS</b> 17° 16'.35N; 73° 09'.05E. 17° 20'.65N; 73° 15'.90E.	12,500	3	Rs. 1870.00

3. The new Indian Electronic Navigational Charts that are available for mariners in the market are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52004C	2004	<b>KOCHI (COCHIN) HARBOUR</b>	26-11-2015
IN52020O	2020	<b>MORMUGAO AND PANAJI</b>	26-11-2015
IN52035C	2035	<b>KALPENI AND CHERRIYAM ISLAND</b>	18-11-2015
IN121MTB	21	<b>MUSCAT TO MUMBAI</b>	30-11-2015
IN122MCC	22	<b>BOMBAY TO CAPE COMORIN</b>	30-11-2015
IN132KVP	32	<b>KOCHI TO VISHAKHAPATNAM</b>	30-11-2015
IN141ANI	41	<b>ANDAMAN SEA</b>	30-11-2015

3. The new edition Indian Electronic Navigational Charts that are available for mariners in the market are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN62105A	2105	<b>JAIGARH AND ANGRE PORTS</b>	26-11-2015
IN62078O	2078	<b>PORT OF MORMUGAO</b>	17-11-2015

## VI

4. 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>
IN52004K	2004	KOCHI (COCHIN) HARBOUR	30-09-2014
IN52020M	2020	MORMUGAO AND PANAJI	11-04-2011
IN42035K	2035	KALPENI AND CHERRIYAM ISLAND	10-12-2009
IN62105A	2105	JAIGARH AND ANGRE PORTS	27-10-2014
IN62078O	2078	PORT OF MORMUGAO	13-10-2015
IN121MTM	21	MUSCAT TO MUMBAI	06-04-2013
IN122BCC	22	BOMBAY TO CAPE COMORIN	31-07-2013
IN132KVM	32	KOCHI TO VISHAKHAPATNAM	14-10-2004
IN141AND	41	ANDAMAN SEA	28-12-2011

5. 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>
2004 (INT 7359)	31-01-2011	KOCHI HARBOUR	2004 (INT 7359)	31-10-2015
2020	31-10-2010	MORMUGAO AND PANAJI	2020	31-10-2015
2035	15-06-2009	KALPENI AND CHERIYAM ISLANDS	2035	30-09-2015
2105	31-10-2013	JAIGARH AND ANGRE PORTS	2105	31-10-2015

5. The forthcoming Indian Chart are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2007	ANDROTH ISLAND	30,000	New Chart
	ANDROTH JETTY	5,000	New Chart
2041	DEVGARH HARBOUR	25,000	New Chart
	MALVAN ANCHORAGE	15,000	New Chart
2121	VERAVAL HARBOUR	10,000	New Chart
	VERAVAL ANCHORAGE	25,000	New Chart
2523	MKOKONI	25,000	New Chart
3002 (INT 7410)	APPROACHES TO VISHAKHAPATNAM	60,000	New Chart

## VII

### Availability of ENCs.

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

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Web site: <a href="http://www.ukho.gov.uk">www.ukho.gov.uk</a>	M/s Jeppesen Norway AS Hovalandsveien 52 PO Box 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: <a href="mailto:enc@jeppesen.com">enc@jeppesen.com</a> , <a href="mailto:info@c-map.co.no">info@c-map.co.no</a> Website: <a href="http://www.jeppesen.com">www.jeppesen.com</a>
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-data@ecc.no Website: - <a href="http://www.primar.org">www.primar.org</a>	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad- 500 034 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 187 to 195 contained in this edition is as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
22 (INT 752)	3	190 (T)
31	5	191 (T), 192 (T), 193 (T), 194 (T)
32 (INT 754)	5	191 (T)
33	5	191 (T), 195 (T)
41 (INT 757)	6	192 (T), 193 (T), 194 (T), 195 (T)
203 (INT 7319)	2	187
212	3	188
214	3	190 (T)
221	3	190 (T)
256 (INT 7340)	3	188
257 (INT 7343)	3	190 (T)
259 (INT 7356)	3	190 (T)
272	4	190 (T)
292 (INT 7021)	2	190 (T)
293 (INT 7022)	3	188, 190 (T)
308	5	191 (T)
324	7	192 (T)
325	7	192 (T), 193 (T), 194 (T), 195 (T)
352 (INT 7416)	5	191 (T)
354 (INT 7408)	5	191 (T)
355 (INT 7405)	5	189, 191 (T)
357 (INT 7397)	5	191 (T)
371	7	192 (T), 193 (T), 194 (T), 195 (T)
391	5	189
404 (INT 7031)	6	191 (T), 195 (T)
451	7	193 (T), 194 (T)
2017	2	187
2018 (INT 7321)	2	187
2065	3	188



## SECTION – II

### PERMANENT NOTICES













**\*187 (23/15) INDIA WEST COAST – Gulf of Kachchh – Approaches To Kandla – Leading Light. Legend.**

Source: NHO Dehradun.

**Chart 203 (INT 7319) [previous update 165/15]**

Insert	 Fl.2s11m10M	22° 57′.41N., 70° 15′.99E.
	 Fl.3s12m10M	22° 57′.66N., 70° 16′.34E.
	 Fl.1.5s8m10M	22° 57′.99N., 70° 15′.97E.
	 Fl.1.1s10m12M	22° 58′.28N., 70° 16′.28E.
Delete	 Iso.3s14m8M	22° 58′.00N., 70° 16′.30E.
	 Fl.3s9m8M	22° 57′.80N., 70° 16′.00E.

**Chart 2018 (INT 7321) [previous update 160/15]**

Insert	 Fl.3s12m10M	(a)	22° 57′.70N., 70° 16′.33E.
	 Fl.2s11m10M		22° 57′.45N., 70° 15′.98E.
	Pecked line joining	(a) above	22° 55′.12N., 70° 12′.70E
	legend, “2 Lts $\neq$ 052.5°”, centered on:		22° 57′.20N., 70° 15′.60E
	 Fl.1.1s10m12M	(b)	22° 58′.32N., 70° 16′.27E
	 Fl.1.5s8m10M		22° 58′.03N., 70° 15′.96E
	 Q.R.8m6M		22° 58′.32N., 70° 15′.72E
	 Iso.8m8M		22° 58′.33N., 70° 15′.70E
	 Iso.R.1.5s13m7M		22° 58′.67N., 70° 15′.97E
	Pecked line joining	(b) above	22° 55′.99N., 70° 13′.80E
	legend, “2 Lts $\neq$ 044.5°”, centered on:		22° 57′.47N., 70° 15′.35E
Substitute	“2 Lts $\neq$ 037°” for “2 Lts $\neq$ 035.5°” centered on:		22° 57′.76N., 70° 15′.21E
Delete	 Iso.3s14m8M	(c)	22° 58′.12N., 70° 16′.41E.
	 Fl.3s9m8M	(d)	22° 57′.80N., 70° 15′.99E.
	 Q.R.8m6M		22° 58′.32N., 70° 15′.72E
	 Iso.8m8M		22° 58′.33N., 70° 15′.70E
	 Iso.R.1.5s13m7M		22° 58′.67N., 70° 15′.97E
	legend, “2 Lts $\neq$ 050.5°- 230.5°”, centered on:		22° 57′.40N., 70° 15′.40E.
	Leading line, pecked line joining	(c) – (d) above	

**\*187 (23/15) INDIA WEST COAST – Gulf of Kachchh – Approaches To Kandla – Leading Light. Legend. Continued.**

**Chart 2017** [previous update 105/14]

Insert

 Fl.3s12m10M (a) 22° 57'·70N., 70° 16'·33E.


 Fl.2s11m10M 22° 57'·45N., 70° 15'·98E.

Pecked line joining (a) above  
22° 55'·76N., 70° 13'·60E  
22° 57'·20N., 70° 15'·60E

legend, “2 Lts  $\neq$  052.5°”, centered on:

 Fl.1.1s10m12M (b) 22° 58'·32N., 70° 16'·27E

 Fl.1.5s8m10M 22° 58'·03N., 70° 15'·96E

 Q.R.8m6M 22° 58'·32N., 70° 15'·72E

 Iso.8m8M 22° 58'·33N., 70° 15'·70E

 Iso.R.1.5s13m7M 22° 58'·67N., 70° 15'·97E

Pecked line joining (b) above  
22° 55'·99N., 70° 13'·80E  
22° 57'·47N., 70° 15'·35E

legend, “2 Lts  $\neq$  044.5°”, centered on:

legend, “2 Lts  $\neq$  037°”, centered on: जयते

 Iso.3s14m8M (c) 22° 58'·12N., 70° 16'·41E.

 Fl.3s9m8M (d) 22° 57'·80N., 70° 15'·99E.

 Q.R.8m6M 22° 58'·32N., 70° 15'·72E

 Iso.8m8M 22° 58'·33N., 70° 15'·70E

 Iso.R.1.5s13m7M 22° 58'·67N., 70° 15'·97E

legend, “2 Lts  $\neq$  050.5°- 230.5°”, centered on: 22° 57'·38N., 70° 15'·38E.

Leading line, pecked line joining (c) – (d) above

Delete

 Iso.3s14m8M (c) 22° 58'·12N., 70° 16'·41E.

 Fl.3s9m8M (d) 22° 57'·80N., 70° 15'·99E.

 Q.R.8m6M 22° 58'·32N., 70° 15'·72E

 Iso.8m8M 22° 58'·33N., 70° 15'·70E


 Iso.R.1.5s13m7M 22° 58'·67N., 70° 15'·97E

legend, “2 Lts  $\neq$  050.5°- 230.5°”, centered on: 22° 57'·38N., 70° 15'·38E.

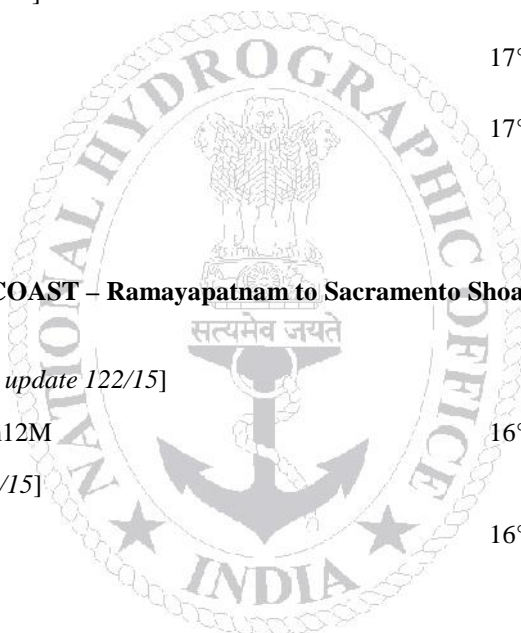
Leading line, pecked line joining (c) – (d) above

**\*188 (18/15) INDIA – WEST COAST – Port Dabhol – Wreck. Buoy.**

Source: IH-102, Ratnagiri Gas and Power Pvt.Ltd.

**Chart 293(INT 7022) [previous update 132/15]**Insert  PA 17° 31′.97N., 73° 04′.80E.**Chart 256(INT 7340) [previous update 201/14]**Delete  *FL.Y. Mo(U)15s*  
SPM 17° 31′.92N., 73° 04′.84E.  
GongInsert  PA 17° 31′.92N., 73° 04′.84E.**Chart 212 [previous update 201/14]**Delete  *FL.Y. Mo(U)15s*  
SPM 17° 31′.92N., 73° 04′.84E.  
GongInsert  PA 17° 31′.92N., 73° 04′.84E.**Chart 2065[previous update 201/14]**Delete  *FL.Y.15s*  
SPM 17° 31′.97N., 73° 04′.80E.  
GongMo(U)Insert  PA 17° 31′.97N., 73° 04′.80E.**\*189 (23/15) INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – Light.**

Source: DLL Visakhapatnam.

**Chart 355(INT 7405) [previous update 122/15]**Insert  Fl(4)20s30m12M 16° 29′.60N., 82° 06′.75E.**Chart 391 [previous update 048/15]**Insert  Fl(4)20s 16° 29′.60N., 82° 06′.75E.

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

**\*190(T)/(23/15) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)	Charts affected
OGD10	15° 09'.90N	72° 44'.71E	175, 380, 885	22(INT752) – 214 – 293(INT7022).
OBS4	13° 52'.63N	73° 24'.58E	165	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
OKD7	09° 03'.06N	75° 26'.16E	180, 330, 885	22(INT752) – 221 – 259(INT7356).
OGS10	15° 14'.02N	72° 58'.70E	160	22(INT752) – 214 – 257(INT7343) – 293(INT7022).
OMD7	20° 00'.78N	69° 14'.44E	180, 350, 856	21 – 292(INT7021).

- All positions referred to WGS 84 datum.
- Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
- Former INM 085(T)/15 is cancelled.**

**\*191(T)/(10/15) INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.**

Source: NIO Goa.

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth (in metres)	Charts affected
*BOPS6	12° 06'.05N	80° 06'.25E	177	32 (INT 754) – 33 – 357 (INT 7397).
*BOPD6	12° 00'.32N	80° 12'.30E	180, 680	32 (INT 754) – 33 – 357 (INT 7397).
*BOKS6	16° 15'.11N	82° 07'.07E	199	31 – 32 (INT 754) – 355 (INT 7405) – 391.
*BOKD6	16° 06'.22N	82° 12'.27E	236	31 – 32 (INT 754) – 355 (INT 7405) – 391.
*BSVS5	17° 03'.55N	83° 03'.57E	170	31 – 32 (INT 754) – 391 – 354 (INT 7408).
*BOVD5	17° 45'.33N	84° 03'.55E	165, 574, 979	31 – 32 (INT 754) – 308 – 354 (INT 7408) – 391.
*BOVS6	17° 47'.21N	83° 58'.33E	183	31 – 32 (INT 754) – 308 – 354 (INT 7408) – 391.
*BSGS5	18° 35'.40N	84° 52'.40E	168	31.
*BOGS7	19° 25'.08N	85° 42'.14E	175	31 – 352 (INT 7416).
*BOGD7	19° 23'.56N	85° 47'.20E	197, 603, 1030	31 – 352 (INT 7416).
*BNBD7	19° 01'.82N	88° 56'.09E	310, 420, 425	31.

\* Indicates new or revised entries.

- All positions referred to WGS 84 datum.
- Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
- Former INM 159(T)/15 is cancelled.**

**\*192(T)/(04/15) INDIA – BAY OF BENGAL – Preparis North Channel to Rangoon River – Drilling Operation.**

Source: Myanmar Hydrographic Office.

1. Drilling operation will be carried out by Drillship DEEPWATER MILLENNIUM(call sign; V7HD2) in below mentioned coordinate till **10 Feb 2016**:

Sl. No.	Point	Position
(a)	SYH-1	16° 55'.33N., 93° 51'.62E.

- During the drilling period. Unauthorized Navigation, Anchoring, Fishing and Trawling are prohibited within 4Km from above mentioned area.
- Mariners are advised to navigate with caution.

**Charts affected – 31– 41 (INT 757) – 371 – 324 – 325.**

**\*193(T)/(04/15) INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.**

Source: Myanmar Hydrographic Office.

1. 3D Seismic operations will be carried out by survey vessel MV.RAMFORM TITAN (call sign C6AL9) in below mentioned block till **15 April 2016**:

Sl. No.	Point	Position
(a)	Point A	16° 37' 86N., 93° 57' 78E.
(b)	Point B	16° 00' 24N., 93° 38' 64E.
(c)	Point C	16° 00' 12N., 92° 08' 82E.
(d)	Point D	16° 45' 06N., 92° 08' 82E.
(e)	Point E	16° 45' 00N., 93° 57' 72E.
(f)	Point F	16° 37' 86N., 93° 57' 78E.

2. During the operation period. Unauthorized Navigation, Anchoring, Fishing and Trawling are prohibited within 4Km from above mentioned area.

3. Mariners are advised to navigate with caution.

**Charts affected – 31– 41 (INT 757) – 371 – 451– 325 .**

**\*194(T)/(04/15) INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.**

Source: Myanmar Hydrographic Office.

1. 3D Seismic operations will be carried out by survey vessel MV.RAMFORM SOVERREIGN (call sign 9VBN9) in below mentioned block till **30 April 2016**:

Sl. No.	Point	Position
(a)	Point A	19° 07' 00N., 92° 02' 00E.
(b)	Point B	19° 14' 00N., 93° 24' 00E.
(c)	Point C	19° 00' 00N., 93° 29' 00E.
(d)	Point D	18° 10' 00N., 94° 02' 00E.
(e)	Point E	18° 13' 00N., 92° 01' 00E.
(f)	Point F	19° 07' 00N., 92° 02' 00E.

2. During the operation period. Unauthorized Navigation, Anchoring, Fishing and Trawling are prohibited within 4Km from above mentioned area.

3. Mariners are advised to navigate with caution.

**Charts affected – 31– 41 (INT 757) – 371 – 451– 325 .**

**\*195(T)/(04/15) INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.**

Source: Myanmar Hydrographic Office.

1. Subsea telecommunications cable route survey will be carried out by survey vessel MV. FUGRO EQUINOX and MV. FUGRO SUPPORTER in below mentioned route from **17 Nov 2015 to 21 Feb 2016**.

Sl. No.	Line No	Position
(a)	01	16° 48' 81N., 94° 24' 04E.
(b)	02	16° 48' 22N., 94° 20' 89E.
(c)	03	16° 48' 34N., 94° 14' 79E.
(d)	04	16° 53' 24N., 94° 00' 26E.
(e)	05	16° 53' 81N., 93° 52' 72E.
(f)	06	16° 51' 01N., 93° 45' 47E.
(g)	07	16° 46' 67N., 93° 40' 99E.
(h)	08	14° 48' 07N., 92° 22' 26E.
(i)	09	13° 25' 24N., 91° 36' 21E.
(j)	10	10° 14' 03N., 90° 57' 69E.

2. During the operation period. Unauthorized Navigation, Anchoring, Fishing and Trawling are prohibited within 4Km from above mentioned area.

3. Mariners are advised to navigate with caution.

**Charts affected – 31– 33 – 41 (INT 757) – 325– 371- 404 (INT 7031).**

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

### 1. **NAVTEX TRANSMISSION**

MSI Promulgation by NAVTEX Stations at Mumbai and Chennai are temporarily out of operation.

(Source – DG Shipping)

### 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 icgmrc\_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.

(Source - NAVAREA VIII Warning 100/12)

### 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.

(Source - NAVAREA VIII Warning 141/12 & 529/12)

### 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.

**Distribution of Indian Paper Charts and Nautical Publications**

Indian Nautical Charts and Publications from National Hydrographic Office, India are now available globally. Details of overseas chart agents are as follows:-

<p><b>JEPPESEN MARINE</b>  <b>Jeppesen Norway AS</b>  P.O. 212,  N-4379, Egersund, Norway  Ph: 0047 51 464700  Fax: 0047 51 464701  Email: <a href="mailto:info@c-map.no">info@c-map.no</a>  Site: <a href="http://www.c-map.no">www.c-map.no</a></p>	<p><b>C-Map US Commercial</b>  133 Falmouth Road,  Building 2, Postal Code: 02649,  Mashpee, MA, America  Ph: +1 (508) 477 8010  Fax: +1 (508) 539 4381  Email: <a href="mailto:info@c-map.com">info@c-map.com</a></p>	<p><b>C-Map (UK) Ltd.</b>  Systems House  Delta Business Park  Salterns Lane, Fareham,  PO16 0QS, United Kingdom,  Ph: +44 (0) 1329 517777  Fax: +44 (0) 1329 517778  Email: <a href="mailto:info@c-map.co.uk">info@c-map.co.uk</a></p>
<p><b>Mari-Sys Pte Ltd.</b>  20 Ayer Rajah Crescent,  08-21, SE 139964,  Republic of Singapore  Ph: +65 6776 1898  Email: <a href="mailto:info@mari-sys.com">info@mari-sys.com</a></p>	<p><b>Bogerd Martin NV,</b>  Oude Leeuwenrui 37  2000 Antwerp, Belgium  Ph: +32 (3) 2134170  Fax: +32 (3) 2326167  Email: <a href="mailto:sales@martin.be">sales@martin.be</a>  Site: <a href="http://www.martin.be">www.martin.be</a></p>	<p><b>Bogerd Martin Tianjin(China Branch)</b>  2-B101 FTZ Hi-Tech  Development Centre 131  Haibin 9 Road 300461  Tianjin China  Ph: +86 22 257 62 721  Fax: +86 22 257 62 722  Email: <a href="mailto:charts-tj@martincn.com">charts-tj@martincn.com</a></p>
<p><b>C-Map Holland</b>  Paleiskade100  PO Box 7  1781 AR Den Helder,  Holland  Ph: +31 223 616 700  E Mail: CorMallie <a href="mailto:cor@chartworx.nl">cor@chartworx.nl</a></p>		



**List of Indian Chart Agents.**

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 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: sales@globalcharts.in Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a>	EW Liner Charts & Publication (India) 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s C & C Marine Combine 25 Bank Street, 1 <sup>st</sup> Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@vsnl.com, sales@ccmarine.in	Gujarat Pipavav Port Limite PO – Ucchayya, Dist.- Amereli Gujarat – 365 560 Tele:- 91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 6510 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: RajShekhar.Chakravorty@jeppesen.com, info@jeppesen.com Website: <a href="http://www.jeppesen.com">www.jeppesen.com</a>
M/s JM Maritime Services 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 : jmms@mtnl.net.in, charts@mtnl.net.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +919937064299 Email: ashiskantha@gmiindia.in Web: <a href="http://www.gmiindia.in">www.gmiindia.in</a>
Lift O Marine Allen's Mansion, C6 Nungi Station Road, Kolkata – 700140 Mob: +91 9836972027 / 8902228463 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a> / <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a>	M/s L. R. Marine Services 301, 3rd Floor, Biryra House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-6635 9148 Cell No: +91 8108926880/+91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com
M/s Engineering Logistics Executive Multi Services Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar Malkapuram Visakhapatnam - 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: <a href="http://www.elemscharts.in">www.elemscharts.in</a>	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills, Hyderabad- 500 034 Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: <a href="http://www.iictechnologies.com">www.iictechnologies.com</a>
M/s Aatash Computer & Communications Pvt. Ltd. 213, Devarc Commercial Complex Nr. Iscom Circle (above Woodland Showroom) S. G. Highway Ahmedabad – 380 015 Mob: +91 7926923982 Email: jyoti@aatash.com, <a href="mailto:zubin@aatash.com">zubin@aatash.com</a>	

**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 30 Nov 15:

**2014 SERIES** – 676

**2015 SERIES** – 124 287 288 298 334 386 408 439 445 484 486 498 514 556 565 567 573 582 616  
633 635 644 646 672 676 686 694 705 706 707 708 712 720 728 729 735 737 743 753 765 767  
768 770 774 777 785 787 790 793 798 799 800 804 806 808 811 812 813 816 818 819 820 821

3. NAVAREA VIII Warnings issued during the period from 16 Nov to 30 Nov 15 (both dates inclusive) are as tabulated below:–

<p><b>764. Indian Ocean – Off Reunion Island.</b> Charts INT 70. Gunnery exercises scheduled on 17 Nov 15 from 1000-1400 UTC in area bounded by 21-12S 054-57E, 21-39.02S 054-33.30E, 21-19.30S 054-25.54E, 21-26S 055-02.30E.</p> <p>2. Cancel this MSG 171500 UTC Nov 15.</p>								
<p><b>765. India West Coast – Mumbai High.</b> Chart 255 292 INT 71. MV Flamboyan progressing survey till 10 Dec 15 in area bounded by 19-42.5N 070-56.5E, 9-39.6N 071-34.6E, 19-02.3N 071-33.8E, 19-05.7N 070-56.1E.</p> <p>2. Wide berth around vessel requested</p> <p>3. Cancel this MSG 101830 UTC Dec 15.</p>								
<p><b>766. North Indian Ocean.</b> Chart INT 71. SLFV Sagaraputha – 03 reported adrift 15 Nov 15 in vicinity of 01-42N 082-39E.</p> <p>2. Cancel this MSG 191000 UTC Nov 15.</p>								
<p><b>767. India West Coast – Mumbai High.</b> Charts 21 292 INT 71. Vessel HLS 2000 progressing jacket installation till 28 Nov and 29 Nov to 16 Dec in position 19-31.65N 071-16.52E and 19-29.94N 071-15.29E.</p> <p>2. Wide berth around vessel requested</p>								
<p><b>768. India West And East Coast – Mumbai To Andaman Sea.</b> Charts 22 292 INT 71. Furgo supporter progressing route survey till 09 Jan 16 along 02 NM on either side of routes joining 18-59N 072-34E, 18-50N 072-10.4E, 17-47.4N 072-02.1E, 16-36.8N 071-26.1E, 16-16.9N 071-03.1E, 14-07.5N 070-27.8E, 09-49.1N 068-31.7E, 04-53.2N 078-59.4E, 05-03N 082-22.8E, 06-13N 090-57E, 05-58.7N 092-25.5E, 06-28.1N 094-32.4E and 06-13N 090-57E, 10-17N 090-58.3E, 13-28.1N 091-36.6E, 14-24.5N 092-09.1E .</p> <p>2. Wide berth of 02 NM around vessel requested</p> <p>3. Cancel this MSG 091830 UTC Jan 16.</p>								
<p><b>769. India West Coast – Off Mumbai.</b> Chart 21 255 INT 71. SV Kamrup progressing survey till 30 Nov 15 in area bounded by 19-42.6N 070-56.5E, 19-39.6N 071-34.6E, 19-02.3N 071-33.8E, 19-05.7N 070-56.1E and 01 km on either side of routes joining 18-47.6N 072-40.9E, 18-57.4N 072-31.8E, 19-18.1N 071-59.0E, 19-24.5N 071-33.7E and 19-38.8N 071-22.8E, 20-12.9N 071-56.4E, 20-42.8N 072-18.2E .</p> <p>2. Wide berth around vessel requested</p> <p>3. Cancel this MSG 301830 UTC Nov 15.</p>								
<p><b>770. Arabian Sea – Gulf Of Khambhat.</b> Charts 21 254 INT 71. SV Focus surveyor and focus explorer progressing seismic survey till 26 Jun 16 in area bounded by 21-00.00N 072-13.33E, 21-01.97N 072-13.29E, 21-05.32N 072-13.22E, 21-08.28N 072-17.28E, 21-06.01N 072-20.12E, 21-04.04N 072-20.15E, 21-05.1N 072-24.0E, 21-05.10N 072-28.00E, 21-06.76N 072-28.20E, 21-09.67N 072-33.77E, 21-14.90N 072-37.85E, 21-16.00N 072-37.85E, 21-16.00N 072-39.55E, 21-16.39N 072-39.61E, 21-19.05N 072-38.78E, 21-20.54N 072-38.27E, 21-21.20N 072-38.05E, 21-24.61N 072-37.93E, 21-26.00N 072-37.90E, 21-26.00N 072-31.58E, 21-26.00N 072-30.00E, 21-26.50N 072-29.51E, 21-37.85N 072-18.35E, 21-30.00N 072-16.35E, 21-15.40N 072-05.21E, 21-11.50N 072-07.50E, 21-00.00N 071-45.00E, 21-00.00N 072-02.00E, 21-00.00N 072-06.25E .</p> <p>2. Wide berth around vessel requested</p> <p>3. Cancel this MSG 261830 UTC Jun 16.</p>								
<p><b>771. India East Coast – Paradip.</b> Charts 31 33 INT 71. Light BN (20-15N 086-40E) off.</p>								
<p><b>772. Indian Ocean – Off Reunion Island.</b> Charts INT 70. Gunnery exercises scheduled on 19 Nov 15 from 0300-1100 UTC in area bounded by 21-12S 054-57E, 21-39.02S 054-33.30E, 21-19.30S 054-25.54E, 21-26S 055-02.30E.</p> <p>2. Cancel this MSG 191200 UTC Nov 15</p>								
<p><b>773. Cancel NAVAREA VIII 726. India West Coast.</b> Charts 21 22 293 INT 71. Rig list correct at 181000 UTC Nov 15</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="padding-left: 20px;">ABAN ICE</td> <td style="padding-left: 100px;">18-45.02N 071-55.42E</td> </tr> <tr> <td style="padding-left: 20px;">ABAN III</td> <td style="padding-left: 100px;">19-22.07N 071-26.07E</td> </tr> <tr> <td style="padding-left: 20px;">ABAN IV</td> <td style="padding-left: 100px;">19-29.79N 071-19.83E</td> </tr> <tr> <td style="padding-left: 20px;">DISCOVERY-1</td> <td style="padding-left: 100px;">19-12.50N 072-02.24E</td> </tr> </tbody> </table>	ABAN ICE	18-45.02N 071-55.42E	ABAN III	19-22.07N 071-26.07E	ABAN IV	19-29.79N 071-19.83E	DISCOVERY-1	19-12.50N 072-02.24E
ABAN ICE	18-45.02N 071-55.42E							
ABAN III	19-22.07N 071-26.07E							
ABAN IV	19-29.79N 071-19.83E							
DISCOVERY-1	19-12.50N 072-02.24E							

<b>773. Continued.</b>	
DYNAMIC VISION	18-39.23N 070-58.86E
DEEP SEA FORTUNE	19-40.14N 072-00.34E
DEEP SEA FOSSIL	19-14.25N 072-06.46E NEW
GREAT DRILLER CHAAYA	18-32.68N 072-13.98E
GREATDRILL CHETNA	21-37.38N 068-26.55E
GREATDRILL CHITRA	19-21.10N 071-47.20E
GREATDRILL CHAARU	18-59.30N 072-16.58E
HARVEY H WARD	19-32.84N 071-22.80E
JINDAL STAR	18-36.20N 072-13.99E
JT ANGEL	20-03.49N 071-23.92E
KEDARNATH	20-17.68N 071-55.90E
MERCURY FOCUS	21-18.12N 072-31.64E
NOBLE ED HOLT	19-01.90N 071-32.57E
PARAGON L-786	19-29.88N 071-24.70E NEW
PARAGON M 1161	19-17.55N 071-16.91E
RON TAPMEYAR	19-16.42N 071-26.87E
SAGAR GAURAV	19-07.88N 070-58.50E
SAGAR SHAKTI	19-39.70N 071-04.71E
SAGAR JYOTI	19-25.14N 071-15.83E
SAGAR KIRAN	18-44.50N 072-19.63E
SAGAR LAXMI	20-58.00N 071-33.00E
SAGAR PRAGATI	20-58.00N 071-33.00E
SAGAR UDAY	19-07.35N 072-06.45E
SUNDOWNER VII	18-38.79N 072-14.94E
TRIDENT XII	19-25.23N 071-16.99E NEW
VICTORY DRILLER	19-25.36N 071-19.56E
VIRTUE-I	18-58.44N 071-37.44E
VALIANT DRILLER	19-19.46N 071-14.10E
2.	Wide berth requested.
<b>774. Arabian Sea – Bhogat Port.</b>	Chart 271 292 INT 71. Naval Ship with survey boats will progress Hydrographic survey from 19 Nov- 04 Dec in area bounded within 21-51.30N to 22-00.00N and 069-00.75E to 069-15.00E
2.	Wide berth from ship and boat requested
3.	Cancel this MSG 041830 UTC Dec 15.
<b>775. India East Coast- Bay Of Bengal.</b>	Charts 32 33 356 391 INT 706. CG Aircraft firing scheduled daily from 22-30 Nov 15 from 0130-1130 UTC in area bounded by 13-30N 082-00E, 14-30N 082-00E, 14-30N 082-40E, 13-30N 082-40E. Safe flying Ht 2 KM
2.	Cancel this MSG 301230 UTC Nov 15.
<b>776. Cancel NAVAREA VIII 507/15 and this MSG.</b>	
<b>777. India West Coast – Off Mumbai.</b>	Charts 255 292 INT 71. Survey vessel MV Albatross-19 progressing Geophysical survey till 18 Dec 15 in area bounded by 19-40.70N 071-17.70E, 19-39.90N 071-21.80E, 19-15.80N 071-26.80E, 19-19.70N 071-10.80E, 19-13.30N 072-05.00E, 19-13.40N 072-07.40E, 19-04.80N 072-09.10E, 19-04.70N 072-05.60E, 18-39.90N 072-12.40E, 18-39.90N 072-22.00E, 18-32.50N 072-12.40E.
2.	Wide berth of 01 NM around the vessel requested
3.	Cancel this MSG 181830 UTC Dec 15.
<b>778. India East Coast – Bay Of Bengal.</b>	Charts 31 352 INT 71. Experimental flight trial scheduled from ITR on 220230-0430, 220530-0730 and 230330-0730 UTC Nov 15 in danger zone bounded by 20-11.31N 086-45.65E, 18-56.44N 087-45.01E, 21-26.17N 088-40.29E, 21-28.64N 087-13.67E.
2.	No over flight and shipping permitted in danger zone
3.	Cancel this MSG 230830 UTC Nov 15.
<b>779. Bay Of Bengal.</b>	Charts 31 32 352 INT 71 INT 706. Experimental flight trial scheduled from ITR on 24 and 25 Nov 15 from 0430-0930 UTC in zone bounded by 18-11.83N 085-44.78E, 18-05.27N 089-17.11E, 19-47.78N 089-00.19E, 18-35.60N 085-40.39E
2.	No over flight and shipping permitted in danger zone
3.	Cancel this MSG 251030 UTC Nov 15.
<b>780. India West Coast – Okha.</b>	Charts 21 202 203 251 271 291 2013 2068 INT 71. Firing practice by Naval Coast Battery scheduled on 23 Nov 15 from 0530-0730 UTC
2.	Danger area extending upto 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E. Safe flying HT 13 KM
3.	Cancel this MSG 230830 UTC Nov 15.
<b>781. Cancel NAVAREA VIII 761/15. India East Coast – Off Vishakhapatnam.</b>	Charts 31 308 INT 71. Experimental flight trial scheduled from ITR daily from 24-26 Nov 15 from 0430-1030 UTC in danger zone bounded by 17-19.80N 083-28.80E, 17-19.80N 083-42.00E, 17-30.00N 083-42.00E, 17-30.00N 083-28.80E. Height of danger zone 5 KM .
2.	No over flight and shipping permitted in danger zone
3.	Cancel this MSG 261130 UTC Nov 15.

<p><b>782. Andaman Sea – Off South Andaman.</b> Charts 41 405 4030 INT 71. Firing practice on Passage Island scheduled on 24 Nov 15 from 0100-0300 UTC in area bounded by 11-17N 092-34E, 11-05N 092-34E, 11-05N 092-48E, 11-17N 092-48E. Safe flying HT 6 KM</p> <p>2. Cancel this MSG 240400 UTC Nov 15.</p>
<p><b>783. India East Coast – Balasore.</b> Charts 31 351 INT 71. Experimental flight trial scheduled from ITR on 26 and 28 Nov from 0530- 0830 UTC Nov 15 in danger zone bounded by 21-22.27N 086-55.72E, 21-08.87N 086-53.14E, 20-48.25N 087-14.70E, 19-59.89N 087-40.64E, 20-18.99N 088-07.82E, 20-56.15N 087-25.92E, 21-21.35N 087-10.83E, 21-22.73N 086-56.36E.</p> <p>2. No over flight and shipping permitted in danger zone</p> <p>3. Cancel this MSG 280930 UTC Nov 15.</p>
<p><b>784. India West Coast – Kochi.</b> Charts 353 354 3024 INT 71 706. Azhikode (10-12.19n 076-09.46e) DGPS station will be off air on 22 Nov 15 from 0130-1030 UTC.</p> <p>2. Cancel this MSG 221130 UTC Nov 15.</p>
<p><b>785. India West Coast – Gulf Of Khambhat And Mumbai.</b> Charts 254 255 INT 71. MV Revti progressing survey till 10 Dec along 1 km on either side of lines 20-58.5N 072-43.2E, 20-44.1N 072-42.8E and 18-51.3N 072-54.5E, 18-49.5N 072-48.3E.</p> <p>2. Wide berth requested</p> <p>3. Cancel this MSG 101830 UTC Dec 15.</p>
<p><b>786. Andaman Sea – Off South Andaman.</b> Charts 41 473 INT 71. Firing practice by aircraft scheduled on 26 and 27 Nov 15 from 0430-0930 UTC in area bounded by 11-50N 093-40E, 11-50N 094-20E, 12-00N 093-40E, 12-00N 094-20E. Safe flying HT 5 KM</p> <p>2. Cancel this MSG 271030 UTC Nov 15.</p>
<p><b>787. India East Coast – Iskapalli.</b> Charts 31 356 INT 71. Iskapalli light house (14-44N 080-06E) off air.</p>
<p><b>788. Bay of Bengal.</b> Charts 32 41 371 INT 71 INT 706. Cable layer Ramform sovereign progressing seismic operation in area bounded by 19-00.02N 092-53.22E, 19-00.00N 093-16.47E, 18-15.02N 093-53.21E, 16-15.03N 092-15.34E, 18-22.58N 092-09.01E, 18-58.17N 092-09.00E, 18-58.17N 092-54.47E, 19-00.02N 092-53.22E.</p> <p>2. Wide berth 07 NM astern and 03 NM ahead and abeam requested.</p>
<p><b>789. Cancel NAVAREA VIII 779/15. Bay of Bengal.</b> Charts 31 32 352 INT 71 INT 706. Experimental flight trial scheduled from ITR on 24 and 25 Nov 15 from 0430-0830 UTC in zone bounded by 18-11.83N 085-44.78E, 18-05.27N 089-17.11E, 19-47.78N 089-00.19E, 18-35.60N 085-40.39E.</p> <p>2. No over flight and shipping permitted in danger zone</p> <p>3. Cancel this MSG 250930 UTC Nov 15.</p>
<p><b>790. India West Coast – Arabian Sea.</b> Chart 22 INT 71. Vessel MGS Sagar progressing survey till 06 Dec 15 in area 14-32.73N 071-55.10E, 14-36.40N 073-21.85E, 11-10.00N 074-53.95E, 11-11.71N 073-42.47E, 12-15.47N 073-40.75E, 12-15.48N 071-56.75E, 16-00.40N 071-33.06E, 16-21.98N 072-24.01E, 14-36.85N 073-20.48E .</p> <p>2. Wide berth of 500 m around vessel requested</p> <p>3. Cancel this MSG 061830 UTC Dec 15.</p>
<p><b>791. NAVAREA VIII warnings in Force as on 20 Nov 15</b>  <b>2014 Series</b> – 676  <b>2015 Series</b> – 124 287 288 298 334 386 408 439 445 484 486 498 514 556 565 567 573 582  616 633 635 644 646 672 673 676 686 694 705 706 707 708 710 711 712 720 721 725  728 729 735 737 739 743 747 753 760 765 767 768 769 770 771 773 774 775 777 778  780 781 782 783 784 785 786 787 788 789 790  (a) NAVAREA VIII warnings less than 42 days old promulgated via SafetyNet  (b) text of NAVAREA VIII warnings inforce including those which no longer broadcast available on <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a>  (c) Cancel this MSG 271000 UTC Nov 15.</p>
<p><b>792. Cancel NAVAREA VIII 771/15 and this MSG.</b></p>
<p><b>793. Indian Ocean – Nw Part.</b> Chart INT 71. FV attacked in 06-16N 053-50E at 221105 UTC Nov 15.</p> <p>2. Vessels transiting to keep clear and exercise caution in vicinity</p>
<p><b>794. India East Coast- Chennai.</b> Charts 32 33 313 356 357 3001 INT 706. Firing from Naval Coast Battery scheduled on 27 Nov 15 from 0530 - 0730 UTC</p> <p>2. Danger sector extending upto 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E. SAFE flying HT 12.8 KM</p> <p>3. Cancel this MSG 270830 UTC Nov 15.</p>
<p><b>795. India East Coast – Bay Of Bengal.</b> Charts 31 308 INT 71. Experimental flight trial scheduled on 27 and 28 Nov 15 from 0430-0830 UTC in danger zone bounded by 20-48.35N 087-02.59E, 19-26.76N 086-43.12E, 17-35.86N 086-54.95E, 17-40.37N 087-49.80E, 19-31.57N 087-41.54E, 20-48.75N 087-07.41E.</p> <p>2. No over flight and shipping permitted in danger zone</p> <p>3. Cancel this MSG 280930 UTC Nov 15.</p>

<b>796.</b>	<b>Cancel NAVAREA VIII 773. India West Coast.</b> Charts 21 22 293 INT 71. Rig list correct at 231000 UTC Nov 15																																																																
	<table> <tr><td>ABAN ICE</td><td>18-45.02N 071-55.42E</td></tr> <tr><td>ABAN III</td><td>19-22.07N 071-26.07E</td></tr> <tr><td>ABAN IV</td><td>19-29.79N 071-19.83E</td></tr> <tr><td>DISCOVERY-1</td><td>19-12.50N 072-02.24E</td></tr> <tr><td>DYNAMIC VISION</td><td>18-39.23N 070-58.86E</td></tr> <tr><td>DEEP SEA FORTUNE</td><td>19-40.14N 072-00.34E</td></tr> <tr><td>DEEP SEA FOSSIL</td><td>19-14.25N 072-06.46E</td></tr> <tr><td>GREAT DRILLER CHAAYA</td><td>18-32.68N 072-13.98E</td></tr> <tr><td>GREATDRILL CHETNA</td><td>21-37.38N 068-26.55E</td></tr> <tr><td>GREATDRILL CHITRA</td><td>19-21.35N 071-50.13E NEW</td></tr> <tr><td>GREATDRILL CHAARU</td><td>18-59.30N 072-16.58E</td></tr> <tr><td>HARVEY H WARD</td><td>19-32.84N 071-22.80E</td></tr> <tr><td>JINDAL STAR</td><td>18-36.20N 072-13.99E</td></tr> <tr><td>JT ANGEL</td><td>20-03.49N 071-23.92E</td></tr> <tr><td>KEDARNATH</td><td>20-17.68N 071-55.90E</td></tr> <tr><td>MERCURY FOCUS</td><td>21-18.12N 072-31.64E</td></tr> <tr><td>NOBLE ED HOLT</td><td>19-01.90N 071-32.57E</td></tr> <tr><td>PARAGON L-786</td><td>19-29.88N 071-24.70E</td></tr> <tr><td>PARAGON M 1161</td><td>19-17.55N 071-16.91E</td></tr> <tr><td>RON TAPMEYAR</td><td>19-16.42N 071-26.87E</td></tr> <tr><td>SAGAR GAURAV</td><td>19-07.88N 070-58.50E</td></tr> <tr><td>SAGAR SHAKTI</td><td>19-39.70N 071-04.71E</td></tr> <tr><td>SAGAR JYOTI</td><td>19-25.14N 071-15.83E</td></tr> <tr><td>SAGAR KIRAN</td><td>18-44.50N 072-19.63E</td></tr> <tr><td>SAGAR LAXMI</td><td>20-58.00N 071-33.00E</td></tr> <tr><td>SAGAR PRAGATI</td><td>20-58.00N 071-33.00E</td></tr> <tr><td>SAGAR UDAY</td><td>19-07.35N 072-06.45E</td></tr> <tr><td>SUNDOWNER VII</td><td>18-38.79N 072-14.94E</td></tr> <tr><td>TRIDENT XII</td><td>19-25.23N 071-16.99E</td></tr> <tr><td>VICTORY DRILLER</td><td>19-25.36N 071-19.56E</td></tr> <tr><td>VIRTUE-I</td><td>18-58.44N 071-37.44E</td></tr> <tr><td>VALIANT DRILLER</td><td>19-19.46N 071-14.10E</td></tr> </table>	ABAN ICE	18-45.02N 071-55.42E	ABAN III	19-22.07N 071-26.07E	ABAN IV	19-29.79N 071-19.83E	DISCOVERY-1	19-12.50N 072-02.24E	DYNAMIC VISION	18-39.23N 070-58.86E	DEEP SEA FORTUNE	19-40.14N 072-00.34E	DEEP SEA FOSSIL	19-14.25N 072-06.46E	GREAT DRILLER CHAAYA	18-32.68N 072-13.98E	GREATDRILL CHETNA	21-37.38N 068-26.55E	GREATDRILL CHITRA	19-21.35N 071-50.13E NEW	GREATDRILL CHAARU	18-59.30N 072-16.58E	HARVEY H WARD	19-32.84N 071-22.80E	JINDAL STAR	18-36.20N 072-13.99E	JT ANGEL	20-03.49N 071-23.92E	KEDARNATH	20-17.68N 071-55.90E	MERCURY FOCUS	21-18.12N 072-31.64E	NOBLE ED HOLT	19-01.90N 071-32.57E	PARAGON L-786	19-29.88N 071-24.70E	PARAGON M 1161	19-17.55N 071-16.91E	RON TAPMEYAR	19-16.42N 071-26.87E	SAGAR GAURAV	19-07.88N 070-58.50E	SAGAR SHAKTI	19-39.70N 071-04.71E	SAGAR JYOTI	19-25.14N 071-15.83E	SAGAR KIRAN	18-44.50N 072-19.63E	SAGAR LAXMI	20-58.00N 071-33.00E	SAGAR PRAGATI	20-58.00N 071-33.00E	SAGAR UDAY	19-07.35N 072-06.45E	SUNDOWNER VII	18-38.79N 072-14.94E	TRIDENT XII	19-25.23N 071-16.99E	VICTORY DRILLER	19-25.36N 071-19.56E	VIRTUE-I	18-58.44N 071-37.44E	VALIANT DRILLER	19-19.46N 071-14.10E
ABAN ICE	18-45.02N 071-55.42E																																																																
ABAN III	19-22.07N 071-26.07E																																																																
ABAN IV	19-29.79N 071-19.83E																																																																
DISCOVERY-1	19-12.50N 072-02.24E																																																																
DYNAMIC VISION	18-39.23N 070-58.86E																																																																
DEEP SEA FORTUNE	19-40.14N 072-00.34E																																																																
DEEP SEA FOSSIL	19-14.25N 072-06.46E																																																																
GREAT DRILLER CHAAYA	18-32.68N 072-13.98E																																																																
GREATDRILL CHETNA	21-37.38N 068-26.55E																																																																
GREATDRILL CHITRA	19-21.35N 071-50.13E NEW																																																																
GREATDRILL CHAARU	18-59.30N 072-16.58E																																																																
HARVEY H WARD	19-32.84N 071-22.80E																																																																
JINDAL STAR	18-36.20N 072-13.99E																																																																
JT ANGEL	20-03.49N 071-23.92E																																																																
KEDARNATH	20-17.68N 071-55.90E																																																																
MERCURY FOCUS	21-18.12N 072-31.64E																																																																
NOBLE ED HOLT	19-01.90N 071-32.57E																																																																
PARAGON L-786	19-29.88N 071-24.70E																																																																
PARAGON M 1161	19-17.55N 071-16.91E																																																																
RON TAPMEYAR	19-16.42N 071-26.87E																																																																
SAGAR GAURAV	19-07.88N 070-58.50E																																																																
SAGAR SHAKTI	19-39.70N 071-04.71E																																																																
SAGAR JYOTI	19-25.14N 071-15.83E																																																																
SAGAR KIRAN	18-44.50N 072-19.63E																																																																
SAGAR LAXMI	20-58.00N 071-33.00E																																																																
SAGAR PRAGATI	20-58.00N 071-33.00E																																																																
SAGAR UDAY	19-07.35N 072-06.45E																																																																
SUNDOWNER VII	18-38.79N 072-14.94E																																																																
TRIDENT XII	19-25.23N 071-16.99E																																																																
VICTORY DRILLER	19-25.36N 071-19.56E																																																																
VIRTUE-I	18-58.44N 071-37.44E																																																																
VALIANT DRILLER	19-19.46N 071-14.10E																																																																
2.	Wide berth requested.																																																																
<b>797.</b>	<b>Arabian Sea – Off Mormugao.</b> Charts 22 215 INT 71. Firing by CG Ships scheduled on 241030 - 241430 and 250100 - 250530 UTC Nov 15 in area bounded by 15-08.0N 073-10.5E, 14-50.00N 073-19.00E, 15-12.50N 073-20.50E, 14-54.00N 073-28.50E.																																																																
2.	Cancel this MSG 250630 UTC Nov 15																																																																
<b>798.</b>	<b>Bay Of Bengal–Off Myanmar.</b> Charts 371 INT 71. MV Ramform Titan progressing seismic survey till 15 Apr 16 in area bounded by 16-37.86N 093-57.78E, 16-00.24N 093-38.64E, 16-00.12N 092-08.82E, 16-45.06N 092-08.82E, 16-45.00N 093-57.72E.																																																																
2.	Unauthorized navigation																																																																
3.	Cancel this MSG 151830 UTC Apr 16																																																																
<b>799.</b>	<b>Cancel NAVAREA 788/15. Bay of Bengal – off Myanmar.</b> Charts 371 INT 71. MV Ramform sovereign progressing seismic survey till 30 Apr 16 in area bounded by 19-07N 092-00E, 19-14N 093-24E, 19-00N 093-29E, 18-10N 094-02E, 18-13N 092-01E.																																																																
2.	Unauthorized navigation																																																																
3.	Cancel this MSG 301830 UTC Apr 16																																																																
<b>800.</b>	<b>Cancel NAVAREA VIII 760 . India East Coast – Bay of Bengal .charts 31 391.</b> Rig list correct at 221007 UTC Nov 15																																																																
	<table> <tr><td>MPW RIG 805</td><td>16-40.12N 082-25.68E</td></tr> <tr><td>PLATINUM EXPLORER</td><td>16-04.10N 084-48.70E NEW</td></tr> <tr><td>SAGAR RATNA</td><td>16-22.73N 082-01.39E</td></tr> <tr><td>SAGAR BHUSAN</td><td>16-04.63N 081-38.16E</td></tr> </table>	MPW RIG 805	16-40.12N 082-25.68E	PLATINUM EXPLORER	16-04.10N 084-48.70E NEW	SAGAR RATNA	16-22.73N 082-01.39E	SAGAR BHUSAN	16-04.63N 081-38.16E																																																								
MPW RIG 805	16-40.12N 082-25.68E																																																																
PLATINUM EXPLORER	16-04.10N 084-48.70E NEW																																																																
SAGAR RATNA	16-22.73N 082-01.39E																																																																
SAGAR BHUSAN	16-04.63N 081-38.16E																																																																
2.	Wide berth requested.																																																																
<b>801.</b>	<b>India East Coast - Bay of Bengal.</b> Chart INT 71 . Capsized boat reported in vicinity of 08-35.2N 089-16.6E.																																																																
2.	Cancel this MSG 271000 UTC Nov 15.																																																																
<b>802.</b>	<b>India East Coast – Off Kakinada.</b> Charts 31 32 391 INT 71 INT 706. Naval ships will carry out Lakshya firing on 28 Nov 15 from 0130 to 1130 UTC Nov 15 in area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E.																																																																
2.	Safe flying HT 8km																																																																
3.	Cancel this MSG 281230 UTC Nov 15.																																																																

<p><b>803. India East Coast – Off Kakinada.</b> Charts 31 32 391 INT 71 INT 706. Naval ships will carry out Lakshya firing on 28 Nov 15 from 0130 to 1130 UTC Nov 15 in area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E.</p> <p>2. Safe flying HT 8 KM</p> <p>3. Cancel this MSG 281230 UTC Nov 15.</p>																																																																		
<p><b>804. India West Coast – Off Mumbai To Okha.</b> Chart 21 INT 71. SV Fugro Mapper will undertake survey from 26 Nov - 25 Dec 15 in blocks of 1 km around 19-08.4N 070-53.8E, 19-21.0N 071-14.6E, 22-26.0N 068-33.1E, 19-14.2N 072-06.4E, 19-08.7N 072-07.0E, 18-42.60N 072-20.8E, 18-46.0N 072-17.9E, 18-42.6N 072-20.3E, 20-04.9N 071-59.6E, 20-19.1N 071-48.0E, 19-44.4N 071-08.9E, 22-36.8N 068-26.0E, 22-18.6N 068-34.4E .</p> <p>2. Wide berth around vessel requested</p> <p>3. Cancel this MSG 251830 UTC Dec 15.</p>																																																																		
<p><b>805. Cancel NAVAREA VIII 789/15 and this MSG.</b></p>																																																																		
<p><b>806. Cancel NAVAREA VIII 673. India West Coast – Dabhol Port.</b> Chart 2065 INT 71 . Buoy 1 and 2 reported missing. SPM buoy reported sunk in position 17-31.97N 073-04.80E.</p>																																																																		
<p><b>807. Cancel NAVAREA VIII 781 and this MSG.</b></p>																																																																		
<p><b>808. Bay Of Bengal – Myanmar.</b> Charts 31 INT 71. Deepwater Millennium progressing drilling ops 16-55.32N 093-51.62E till 10 Feb 16.</p> <p>2. Unauthorized navigation and fishing prohibited within 4 KM from drilling area</p> <p>3. Cancel this MSG 101830 UTC Feb 16.</p>																																																																		
<p><b>809. Cancel NAVAREA VIII 796. India West Coast.</b> Charts 21 22 293 INT 71. Rig list correct at 261000 UTC Nov 15</p> <table border="0"> <tr><td>ABAN ICE</td><td>18-55.01N 070-18.95E NEW</td></tr> <tr><td>ABAN III</td><td>19-22.07N 071-26.07E</td></tr> <tr><td>ABAN IV</td><td>19-29.79N 071-19.83E</td></tr> <tr><td>DISCOVERY-1</td><td>19-12.50N 072-02.24E</td></tr> <tr><td>DYNAMIC VISION</td><td>18-39.23N 070-58.86E</td></tr> <tr><td>DEEP SEA FORTUNE</td><td>19-40.14N 072-00.34E</td></tr> <tr><td>DEEP SEA FOSSIL</td><td>19-14.25N 072-06.46E</td></tr> <tr><td>FG MCCLINTOCK</td><td>18-58.31N 071-29.99E NEW</td></tr> <tr><td>GREAT DRILLER CHAAYA</td><td>18-32.68N 072-13.98E</td></tr> <tr><td>GREATDRILL CHETNA</td><td>21-37.38N 068-26.55E</td></tr> <tr><td>GREATDRILL CHITRA</td><td>19-21.35N 071-50.13E</td></tr> <tr><td>GREATDRILL CHAARU</td><td>18-59.30N 072-16.58E</td></tr> <tr><td>HARVEY H WARD</td><td>19-32.84N 071-22.80E</td></tr> <tr><td>JINDAL STAR</td><td>18-36.20N 072-13.99E</td></tr> <tr><td>JT ANGEL</td><td>20-03.49N 071-23.92E</td></tr> <tr><td>KEDARNATH</td><td>20-17.68N 071-55.90E</td></tr> <tr><td>MERCURY FOCUS</td><td>21-18.12N 072-31.64E</td></tr> <tr><td>NOBLE ED HOLT</td><td>19-01.90N 071-32.57E</td></tr> <tr><td>PARAGON L-786</td><td>19-29.88N 071-24.70E</td></tr> <tr><td>PARAGON M 1161</td><td>19-17.55N 071-16.91E</td></tr> <tr><td>RON TAPMEYAR</td><td>18-47.47N 071-59.99E NEW</td></tr> <tr><td>SAGAR GAURAV</td><td>19-07.88N 070-58.50E</td></tr> <tr><td>SAGAR SHAKTI</td><td>19-39.70N 071-04.71E</td></tr> <tr><td>SAGAR JYOTI</td><td>19-25.14N 071-15.83E</td></tr> <tr><td>SAGAR KIRAN</td><td>18-44.50N 072-19.63E</td></tr> <tr><td>SAGAR LAXMI</td><td>20-58.00N 071-33.00E</td></tr> <tr><td>SAGAR PRAGATI</td><td>20-58.00N 071-33.00E</td></tr> <tr><td>SAGAR UDAY</td><td>19-07.35N 072-06.45E</td></tr> <tr><td>SUNDOWNER VII</td><td>18-38.79N 072-14.94E</td></tr> <tr><td>TRIDENT XII</td><td>19-25.23N 071-16.99E</td></tr> <tr><td>VICTORY DRILLER</td><td>19-25.36N 071-19.56E</td></tr> <tr><td>VIRTUE-I</td><td>18-58.44N 071-37.44E</td></tr> <tr><td>VALIANT DRILLER</td><td>19-19.46N 071-14.10E</td></tr> </table> <p>2. Wide berth requested.</p>	ABAN ICE	18-55.01N 070-18.95E NEW	ABAN III	19-22.07N 071-26.07E	ABAN IV	19-29.79N 071-19.83E	DISCOVERY-1	19-12.50N 072-02.24E	DYNAMIC VISION	18-39.23N 070-58.86E	DEEP SEA FORTUNE	19-40.14N 072-00.34E	DEEP SEA FOSSIL	19-14.25N 072-06.46E	FG MCCLINTOCK	18-58.31N 071-29.99E NEW	GREAT DRILLER CHAAYA	18-32.68N 072-13.98E	GREATDRILL CHETNA	21-37.38N 068-26.55E	GREATDRILL CHITRA	19-21.35N 071-50.13E	GREATDRILL CHAARU	18-59.30N 072-16.58E	HARVEY H WARD	19-32.84N 071-22.80E	JINDAL STAR	18-36.20N 072-13.99E	JT ANGEL	20-03.49N 071-23.92E	KEDARNATH	20-17.68N 071-55.90E	MERCURY FOCUS	21-18.12N 072-31.64E	NOBLE ED HOLT	19-01.90N 071-32.57E	PARAGON L-786	19-29.88N 071-24.70E	PARAGON M 1161	19-17.55N 071-16.91E	RON TAPMEYAR	18-47.47N 071-59.99E NEW	SAGAR GAURAV	19-07.88N 070-58.50E	SAGAR SHAKTI	19-39.70N 071-04.71E	SAGAR JYOTI	19-25.14N 071-15.83E	SAGAR KIRAN	18-44.50N 072-19.63E	SAGAR LAXMI	20-58.00N 071-33.00E	SAGAR PRAGATI	20-58.00N 071-33.00E	SAGAR UDAY	19-07.35N 072-06.45E	SUNDOWNER VII	18-38.79N 072-14.94E	TRIDENT XII	19-25.23N 071-16.99E	VICTORY DRILLER	19-25.36N 071-19.56E	VIRTUE-I	18-58.44N 071-37.44E	VALIANT DRILLER	19-19.46N 071-14.10E
ABAN ICE	18-55.01N 070-18.95E NEW																																																																	
ABAN III	19-22.07N 071-26.07E																																																																	
ABAN IV	19-29.79N 071-19.83E																																																																	
DISCOVERY-1	19-12.50N 072-02.24E																																																																	
DYNAMIC VISION	18-39.23N 070-58.86E																																																																	
DEEP SEA FORTUNE	19-40.14N 072-00.34E																																																																	
DEEP SEA FOSSIL	19-14.25N 072-06.46E																																																																	
FG MCCLINTOCK	18-58.31N 071-29.99E NEW																																																																	
GREAT DRILLER CHAAYA	18-32.68N 072-13.98E																																																																	
GREATDRILL CHETNA	21-37.38N 068-26.55E																																																																	
GREATDRILL CHITRA	19-21.35N 071-50.13E																																																																	
GREATDRILL CHAARU	18-59.30N 072-16.58E																																																																	
HARVEY H WARD	19-32.84N 071-22.80E																																																																	
JINDAL STAR	18-36.20N 072-13.99E																																																																	
JT ANGEL	20-03.49N 071-23.92E																																																																	
KEDARNATH	20-17.68N 071-55.90E																																																																	
MERCURY FOCUS	21-18.12N 072-31.64E																																																																	
NOBLE ED HOLT	19-01.90N 071-32.57E																																																																	
PARAGON L-786	19-29.88N 071-24.70E																																																																	
PARAGON M 1161	19-17.55N 071-16.91E																																																																	
RON TAPMEYAR	18-47.47N 071-59.99E NEW																																																																	
SAGAR GAURAV	19-07.88N 070-58.50E																																																																	
SAGAR SHAKTI	19-39.70N 071-04.71E																																																																	
SAGAR JYOTI	19-25.14N 071-15.83E																																																																	
SAGAR KIRAN	18-44.50N 072-19.63E																																																																	
SAGAR LAXMI	20-58.00N 071-33.00E																																																																	
SAGAR PRAGATI	20-58.00N 071-33.00E																																																																	
SAGAR UDAY	19-07.35N 072-06.45E																																																																	
SUNDOWNER VII	18-38.79N 072-14.94E																																																																	
TRIDENT XII	19-25.23N 071-16.99E																																																																	
VICTORY DRILLER	19-25.36N 071-19.56E																																																																	
VIRTUE-I	18-58.44N 071-37.44E																																																																	
VALIANT DRILLER	19-19.46N 071-14.10E																																																																	
<p><b>810. Cancel NAVAREA VIII 783/15 and this MSG.</b></p>																																																																		

<p><b>811. India East Coast – Off Gopalpur.</b> Charts 31 352 353 391 INT 706. Army Air Defence Firing and BPTA Flight scheduled on 302330-011730, 012330-021730, 022330-031730, 092330-101730, 102330-111730, 112330-121730, 132330-141730, 142330-151730, 152330-161730, 212330-221730, 222330-231730, 232330-241730, 282330-291730, 292330-301730, 302330-311730 UTC Dec 15.</p> <p>2. Army Air Defence firing 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 42 NM radius joining point b and c. Safe flying HT 6100 m</p> <p>3. BPTA Flight area bounded by 19-17.67N 084-55.21E, 19-10.75N 084-47.38E, 18-56.03N 084-52.64E, 19-12.33N 085-14.92E. Safe flying HT 1525m</p> <p>4. No over flight and vessels permitted in danger area.</p> <p>5. Cancel this MSG 311830 UTC Dec 15.</p>																		
<p><b>812. India West Coast – Kochi.</b> Charts 22 32 220 259 260 2004 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>01 Dec 15</td> <td>0900-1200</td> </tr> <tr> <td>04 Dec</td> <td>0900-1200</td> </tr> <tr> <td>08 Dec</td> <td>0900-1200</td> </tr> <tr> <td>11 Dec</td> <td>0900-1200 and 1230-1430</td> </tr> <tr> <td>15 Dec</td> <td>0900-1200</td> </tr> <tr> <td>18 Dec</td> <td>0900-1200</td> </tr> <tr> <td>22 Dec</td> <td>0900-1200</td> </tr> <tr> <td>29 Dec</td> <td>0900-1200 and 1230-1430</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. Safe flying HT 10 KM</p> <p>3. Cancel this MSG 291530 UTC Dec 15.</p>	Date	Time (UTC)	01 Dec 15	0900-1200	04 Dec	0900-1200	08 Dec	0900-1200	11 Dec	0900-1200 and 1230-1430	15 Dec	0900-1200	18 Dec	0900-1200	22 Dec	0900-1200	29 Dec	0900-1200 and 1230-1430
Date	Time (UTC)																	
01 Dec 15	0900-1200																	
04 Dec	0900-1200																	
08 Dec	0900-1200																	
11 Dec	0900-1200 and 1230-1430																	
15 Dec	0900-1200																	
18 Dec	0900-1200																	
22 Dec	0900-1200																	
29 Dec	0900-1200 and 1230-1430																	
<p><b>813. India East Coast – Bay Of Bengal.</b> Charts 31 32 INT 706. Missile firing by Naval Ships scheduled on 031200 – 2100 and 040300-0900 UTC Dec 15 in area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E.</p> <p>2. Safe flying HT 22 KM</p> <p>3. Cancel this MSG 041000 UTC Dec 15.</p>																		
<p><b>814. India East Coast – Bay Of Bengal.</b> Charts 31 INT 71. Experimental flight trial scheduled from ITR daily on 02 and 03 Dec 15 from 0530-0930 UTC in danger zone bounded by 17-11.74N 083-29.07E, 19-57.95N 089-14.57E, 21-12.90N 088-26.23E, 17-27.81N 083-18.19E and on 04 and 05 Dec 15 from 0530-0930 UTC Dec 15 in danger zone bounded by 17-11.74N 083-29.07E, 19-33.74N 088-25.27E, 20-40.95N 087-41.59E, 17-27.81N 083-18.19E.</p> <p>2. No over flight and shipping permitted in danger zone</p> <p>3. Cancel this MSG 051030 UTC Dec 15.</p>																		
<p><b>815. Cancel NAVAREA VIII 795/15 and this MSG.</b></p>																		
<p><b>816. NAVAREA VIII warnings in force as on 27 Nov 15</b></p> <p><b>2014 series</b> – 676</p> <p><b>2015 series</b> – 124 287 288 298 334 386 408 439 445 484 486 498 514 556 565 567 573 582 616 633 635 644 646 672 676 686 694 705 706 707 708 710 712 720 725 728 729 735 737 739 743 753 765 767 768 769 770 774 775 777 785 787 790 793 798 799 800 803 804 806 808 809 811 812 813 814 815</p> <p>(a) NAVAREA VIII warnings less than 42 days old promulgated via Safety Net</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a></p> <p>(c) Cancel this MSG 041000 UTC Dec 15.</p>																		
<p><b>817. Cancel NAVAREA VIII 710/15 and this MSG.</b></p>																		
<p><b>818. India West Coast – Off Mumbai.</b> Chart 21 255 INT 71. SV Kamrup will undertake survey from 01 - 31 Dec 15 in area bounded by 19-42.6N 070-56.5E, 19-39.6N 071-34.6E, 19-02.3N 071-33.8E, 19-05.7N 070-56.1E and 01 KM on either side of lines joining 18-47.6N 072-40.9E, 18-57.4N 072-31.8E, 19-18.1N 071-59.0E, 19-24.5N 071-33.7E and 18-45.9N 072-43.9E, 18-35.4N 072-12.7E, 19-15.9N 071-17.2E .</p> <p>2. Wide berth around vessel requested</p> <p>3. Cancel this MSG 311830 UTC Dec 15.</p>																		
<p><b>819. Cancel NAVAREA VIII 814. India East Coast – Bay of Bengal.</b> Charts 31 INT 71. Experimental flight trial scheduled from ITR on 03 and 04 Dec 15 from 0630-1130 UTC in danger zone bounded by 17-11.74N 083-29.07E, 19-57.95N 089-14.57E, 21-12.90N 088-26.23E, 17-27.81N 083-18.19E.</p> <p>2. No over flight and shipping permitted in danger zone</p> <p>3. Cancel this MSG 041230 UTC Dec 15.</p>																		

**820. India West Coast – Off Alleppey.** Charts 22 221 INT 71. RV Samudra Ratnakar progressing survey till 07 Dec 15 in area bounded by 09-07.83N 075-28.58E, 09-07.83N 075-24.70E, 09-01.83N 075-24.70E, 09-01.83N 075-28.58E .

2. Wide berth around vessel requested

3. Cancel this MSG 071830 UTC Dec 15.

**821. Cancel Navarea VIII 809. India West Coast.** Charts 21 22 293 INT 71. Rig list correct at 301000 UTC Nov 15

ABAN ICE	18-55.01N 070-18.95E
ABAN III	19-22.07N 071-26.07E
ABAN IV	19-29.79N 071-19.83E
DISCOVERY-1	19-12.50N 072-02.24E
DYNAMIC VISION	18-39.23N 070-58.86E
DEEP SEA FORTUNE	19-40.14N 072-00.34E
DEEP SEA FOSSIL	19-14.25N 072-06.46E
FG MCCLINTOCK	18-58.31N 071-29.99E
GREAT DRILL CHAAYA	18-40.10N 072-13.59E NEW
GREAT DRILL CHETNA	21-37.38N 068-26.55E
GREAT DRILL CHITRA	19-21.35N 071-50.13E
GREAT DRILL CHAARU	18-59.30N 072-16.58E
HARVEY H WARD	19-32.84N 071-22.80E
JINDAL STAR	18-36.20N 072-13.99E
JT ANGEL	20-03.49N 071-23.92E
KEDARNATH	20-17.68N 071-55.90E
MERCURY FOCUS	21-18.12N 072-31.64E
NOBLE ED HOLT	19-01.90N 071-32.57E
PARAGON L-786	19-29.88N 071-24.70E
PARAGON M 1161	19-17.55N 071-16.91E
RON TAPMEYAR	18-47.47N 071-59.99E
SAGAR GAURAV	19-07.88N 070-58.50E
SAGAR SHAKTI	19-39.70N 071-04.71E
SAGAR JYOTI	19-25.14N 071-15.83E
SAGAR KIRAN	18-44.50N 072-19.63E
SAGAR LAXMI	20-58.00N 071-33.00E
SAGAR PRAGATI	20-58.00N 071-33.00E
SAGAR UDAY	19-07.35N 072-06.45E
SUNDOWNER VII	18-38.79N 072-14.94E
TRIDENT XII	19-25.23N 071-16.99E
VICTORY DRILLER	19-25.36N 071-19.56E
VIRTUE-I	18-58.44N 071-37.44E
VALIANT DRILLER	19-19.46N 071-14.10E

2. Wide berth requested.



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

**West Coast of India Pilot (INP-1)**

**Chapter-7 (Page-221),**

**(Source: IH.102, Ratnagiri Gas and Power Private Ltd.)**

***Article 7.109, para3 (b)***

*Add line after line no3*

The SPM no more exist in this position as it is sunk in position (17° 31'.92 N, 73° 04'.84 E).

***Article 7.110, para1***

*Add line after line no 5*

The SPM no more exist in this position as it is sunk.

***Article 7.110,***

*Insert new para below para 5*

**6 Dangers.** Navigational danger presents in position (17° 31'.92 N, 73° 04'.84 E)

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

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
<b>D6648</b>	<b>Cabo Delgado</b>	10 41.42 S 40 38.29 E	FI(2)W 12s	41	<b>16</b>	White 6- sided concrete tower and dwelling 36	<i>fl 1.5, ec 2, fl 1.5, ec 7</i> <b>TE 2015</b> *
<b>D6902</b>	ILE GRANDE COMORE - Moroni	11 42.22 S 43 15.09 E *	Q W	26	10	White minaret 23	<b>TE 2000</b>
<b>D7322-85</b>	--	23 41.51 N 58 10.90 E	LFI R 6s	5	5	Red <input type="checkbox"/> on grey metal post 3 *	*
<b>D7323.5</b>	Barka. Jetty	23 42.92N 57 53.69E *	LFI R 6s	5	..	Red metal beacon *	*
<b>D7323.6</b>	--	23 42.99N 57 53.71E *	LFI G 6s	..	5	Green metal beacon 3 *	*
<b>D7656.3</b>	- No 35	30 24.50 N 49 03.30 E *	FI G 6s	7	7	Green beacon *	PA *
<b>D9162.6</b>	BANDAR-E PARS - Bandar-e Pars. Petrochemical Port	27 32.29 N 52 32.73 E *	FI(2)G 6s	12	8	Green beacon *	*
<b>D9162.65</b>	---	27 31.97 N 52 32.58 E *	FI(2)R 6s	12	8	Red beacon *	*
<b>D9162.7</b>	-- Logistic Port	27 31.29 N 52 33.48 E *	FI(2)G 6s	12	8	Green beacon *	*
<b>D9162.75</b>	---	27 31.14 N 52 33.29 E *	FI(2)R 6s	12	8	Red beacon *	*
<b>F0755</b>	<b>Androth Island. E</b> end	10 48.91 N 73 42.10 E	FI(2)W 10s	44	<b>16</b>	White square masonry tower, black bands 41	<i>fl 0.5, ec 1, fl 0.5, ec 8</i> <b>TE 2014</b>
	--	..	Racon	..	..	..	ILRS Vol 2 Station 79050
<b>F0957.1</b>	Ravaport	16 29.60 N 82 06.75 E *	FI(4)W 20s	30	12	White circular TRP tower *	<i>(fl 1, ec 2)×3, fl 1, ec 10</i> *
<b>F1162.5</b>	Bell Passage. Ko Chang	09 50.51 N 98 25.97 E	FI W 5s	7	6	Post 4	<b>TE 2015</b> *
<b>F1584</b>	- Batuan Penyu	03 13.80 N 101 12.71 E	FI(2)W 5s	6	10	White column on piles	
	--	..	Racon	..	..	..	ILRS Vol 2 Station 79840 <b>TD 2015</b> *
<b>K0827.2</b>	Remove from list; replaced by light-buoy						

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

**INP 31(1), 2014**

*(Last correction: Edition No. 16 dated 16Aug 2015)*

**NIL**

**INP 31(2), 2014**

*(Last correction: Edition No. 22 dated 16 Nov 2015)*

**NIL**

**INP 31(5), 2011**

*(Last correction: Edition No. 16 dated 16 Aug2015)*

**NIL**

**INP 31(6), 2012**

*(Last correction: Edition No. 21 dated 01 Nov 2015)*

**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@nic.in, msis-inho-navy@nic.in  
Fax No.: +91-135- 2748373  
WEB: www.hydrobharat.nic.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.

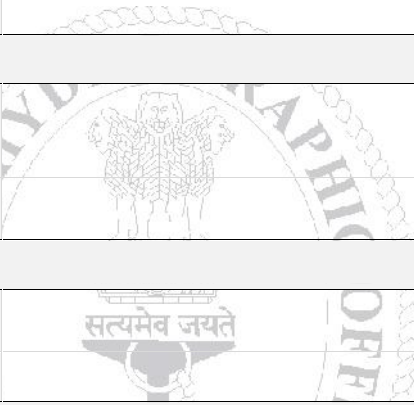
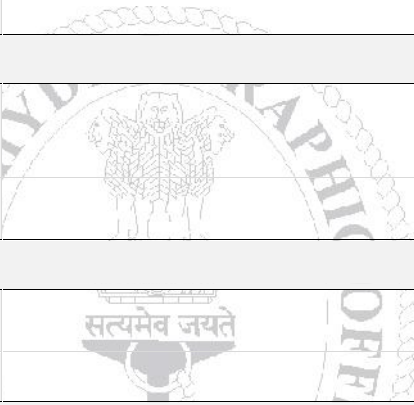


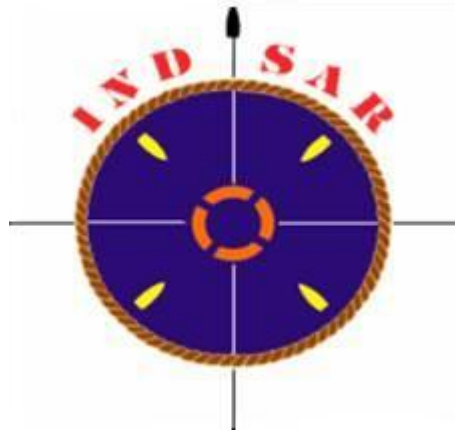
<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object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