



# INDIAN NOTICES TO MARINERS



EDITION NO. 11 DATED 01 JUN 2018

(CONTAINS NOTICES 099 TO 106)

REACH US 24 x 7



incho@navy.gov.in  
msis-incho@navy.gov.in



+91-135-2748373



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



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

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

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

**FEEDBACK:** [msis-incho@navy.gov.in](mailto:msis-incho@navy.gov.in)



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



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## II

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

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

**Chief Hydrographer  
to the Government of India**

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

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

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

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

### III

## **EXPLANATORY NOTES**

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

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

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

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

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

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

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

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

**Radio Navigational Warnings.**

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

## IV

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

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

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

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

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

- (a) The positions of hydrographic objects shown on some of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

**Source Data on Charts.** All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

**Further Guidance.** The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

## NEWLY PUBLISHED INDIAN CHARTS, ENC'S AND PUBLICATION

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2043	28-02-2018	<b>APPROACHES TO VENGURLA AND REDI LIMITS</b> 15° 33'.00N; 73° 14'.00E. 15° 54'.00N; 73° 47'.00E.	60,000	3	Rs. 1950.00
4107	31-03-2018	<b>INTERVIEW ISLAND LIMIT</b> 12° 46'.60N; 92° 32'.40E. 12° 59'.80N; 92° 41'.30E.	25,000	6	Rs. 1950.00

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
210	15-04-2018	<b>UMARGAM TO SATPATI LIMITS</b> 19° 35'.00N; 71° 28'.60E. 20° 25'.50N; 71° 51'.50E.	1,50,000	3	Rs. 1950.00
254 (INT 7331)	15-04-2018	<b>APPROACHES TO GULF OF KHAMBHAT LIMITS</b> 19° 44'.00N; 71° 10'.00E. 22° 20'.00N; 72° 56'.50E.	3,00,000	3	Rs. 1950.00
255 (INT 7334)	15-04-2018	<b>APPROACHES TO MUMBAI LIMITS</b> 18° 15'.00N; 70° 17'.00E. 19° 57'.00N; 73° 03'.00E.	3,00,000	3	Rs. 1950.00
292 (INT 7021)	15-04-2018	<b>DWARKA TO MUMBAI LIMITS</b> 18° 10'.00N; 66° 10'.00E. 22° 20'.00N; 73° 05'.00E.	7,50,000	2	Rs. 1950.00

3. The Indian Charts permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
210	15-10-2013	UMARGAM TO SATPATI	210	15-04-2018
254 (INT 7331)	30-09-2005	APPROACHES TO GULF OF KHAMBHAT (CAMBAY)	254 (INT 7331)	15-04-2018
255 (INT 7334)	15-08-2014	APPROACHES TO MUMBAI	255 (INT 7334)	15-04-2018
292 (INT 7021)	30-04-2003	DWARKA TO MUMBAI	292 (INT 7021)	15-04-2018
2043	31-12-2007	APPROACHES TO VENGURLA AND REDI	2043	28-02-2018

## VI

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN42043E	2043	APPROACHES TO VENGURLA AND REDI	25-05-2018
IN54107I	4107	INTERVIEW ISLAND	22-05-2018

5. 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>
IN121MTB	21	MUSCAT TO MUMBAI	25-05-2018
IN2352GP	352	GOPALPUR TO PARADIP	24-05-2018
IN52008A	2008	APPROACHES TO KARWAR	24-05-2018
IN42353A	2353	APPROACHES TO KARWAR AND BELEKERI	24-05-2018

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>
IN121MTB	21	MUSCAT TO MUMBAI	17-03-2018
IN2352GP	352	GOPALPUR TO PARADIP	14-09-2010
IN42043V	2043	APPROACHES TO VENGURLA AND REDI	28-08-2008
IN52008A	2008	APPROACHES TO KARWAR	25-07-2016
IN42353A	2353	APPROACHES TO KARWAR AND BELEKERI	05-10-2017

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
217	KUNDAPURA (COONDAPOOR) TO KASARAGOD	1,50,000	New Chart
220	TANUR NAGARAM TO MANAKKODAM	1,50,000	New Chart
221	ALLEPPEY TO QUILON	1,50,000	New Chart

## VII

### Availability of ENCs

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 099 to 106 contained in this edition is as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
31 (INT 756)	5	105(T)
32 (INT 754)	5	105(T)
33 (INT 755)	5	105(T)
41 (INT 757)	6	106(T)
212	3	099, 104
215	3	100
216	4	100
256(INT 7340)	3	099
308	5	105(T)
317	5	101
352 (INT 7416)	5	105(T)
354 (INT 7408)	5	105(T)
355 (INT 7405)	5	105(T)
356 (INT 7400)	5	105(T)
357 (INT 7397)	5	105(T)
358 (INT 7394)	5	101
391	5	105(T)
402 (INT 7436)	6	104
403 (INT 7437)	6	104
2008	3	100
2009	3	100
2010	3	100
2077	3	099
2120	3	100
2353	3	100
2354	4	100
3005	5	102
3011 (INT 7421)	5	103
3013 (INT7422)	5	103
3016	5	101



**SECTION – II****PERMANENT NOTICES****\*099 (11/18) INDIA – WEST COAST – Harnai Anchorage – Wreck.**

Source: NHO Dehradun.

**Chart 256 (INT 7340)** [previous update NE 15 Apr 18]Insert  17° 47′.15N., 73° 05′.54E.Delete  17° 47′.12N., 73° 05′.53E.**Chart 212** [previous update 086/18]Insert  17° 47′.15N., 73° 05′.54E.Delete  17° 47′.12N., 73° 05′.53E.**Chart 2077** [previous update NC 15 Jul 17]Insert  17° 47′.20N., 73° 05′.50E.Delete  17° 47′.17N., 73° 05′.49E.**\*100 (11/18) INDIA – WEST COAST – Karwar Naval Harbour – Port Limits.**

Source: IHQ MoD Navy.

**Chart 215** [previous update 170/17]

Insert Port limit, pecked line, joining: (a) 14° 44′.65N., 74° 14′.55E. (Shore)

(b) 14° 42′.40N., 74° 11′.80E.

(c) 14° 43′.20N., 74° 11′.10E.

(d) 14° 36′.80N., 74° 05′.00E.

14° 42′.70N., 73° 59′.50E.

14° 47′.60N., 74° 05′.40E.

14° 48′.17N., 74° 05′.60E. (Shore)

and

(a) above

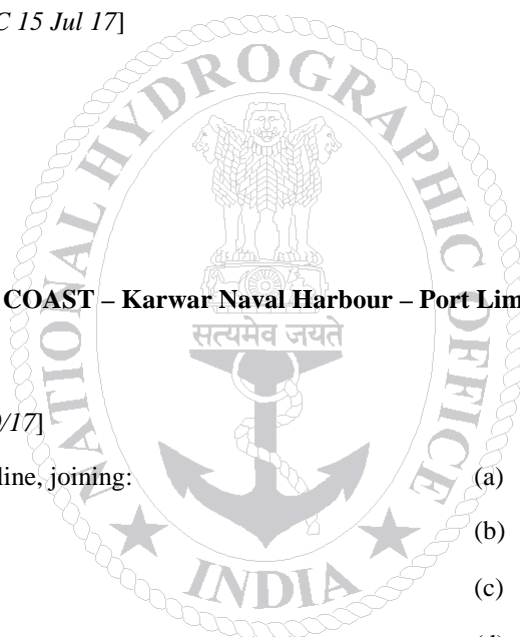
(b) above

(c) above

(d) above

14° 33′.93N., 74° 08′.00E.

14° 37′.60N., 74° 16′.30E.



**\*100 (11/18) INDIA – WEST COAST – Karwar Naval Harbour – Port Limits. (Continued).**

Legend “*Limit of Karwar Naval Harbour*” centered on 14° 45′.15N., 74° 02′.75E.

14° 39′.40N., 74° 02′.90E.

14° 41′.30N., 74° 08′.80E.

Legend “*Limit of Port of Belekeri*” centered on 14° 39′.40N., 74° 07′.80E.

14° 35′.00N., 74° 10′.00E.

**Chart 216** [previous update 148/17]

Insert Port limit, pecked line, joining:

(a) 14° 44′.65N., 74° 14′.55E. (Shore)

(b) 14° 42′.40N., 74° 11′.80E.

(c) 14° 43′.20N., 74° 11′.10E.

(d) 14° 36′.80N., 74° 05′.00E.

14° 42′.70N., 73° 59′.50E.

14° 47′.60N., 74° 05′.40E.

14° 48′.17N., 74° 05′.60E. (Shore)

and

(a) above

(b) above

(c) above

(d) above

14° 33′.93N., 74° 08′.00E.

14° 37′.60N., 74° 16′.30E.

Legend “*Limit of Karwar Naval Harbour*” centered on 14° 45′.15N., 74° 02′.75E.

14° 39′.40N., 74° 02′.90E.

14° 41′.30N., 74° 08′.80E.

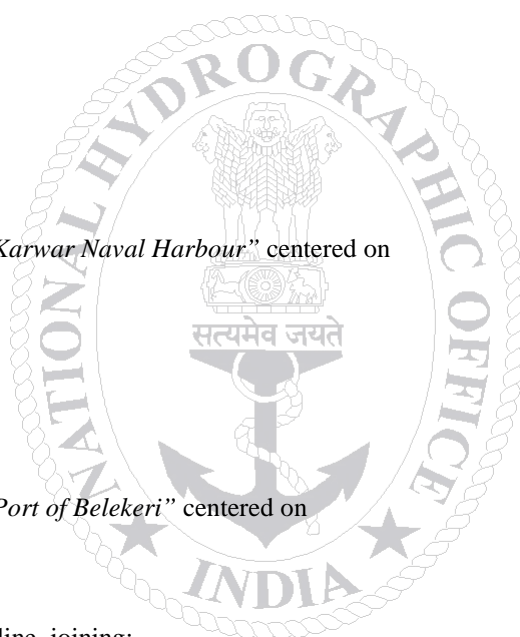
Legend “*Limit of Port of Belekeri*” centered on 14° 39′.40N., 74° 07′.80E.

14° 35′.00N., 74° 10′.00E.



**\*100 (11/18) INDIA – WEST COAST – Karwar Naval Harbour – Port Limits. (Continued).****Chart 2353** [previous update NC 31 Jul 17]

Insert	Port limit, pecked line, joining:	<p>14° 44′.65N., 74° 14′.55E. (Shore)</p> <p>14° 42′.40N., 74° 11′.80E.</p> <p>14° 43′.20N., 74° 11′.10E.</p> <p>14° 37′.40N., 74° 05′.57E. (S Border)</p> <p>and</p> <p>14° 37′.40N., 74° 04′.44E. (S Border)</p> <p>14° 42′.70N., 73° 59′.50E.</p> <p>14° 47′.60N., 74° 05′.40E.</p> <p>14° 48′.17N., 74° 05′.60E. (Shore)</p> <p>and</p> <p>14° 37′.40N., 74° 15′.85E. (S Border)</p> <p>14° 37′.60N., 74° 16′.30E.</p> <p>14° 44′.40N., 74° 01′.70E.</p> <p>14° 39′.85N., 74° 02′.30E.</p> <p>14° 40′.45N., 74° 08′.30E.</p> <p>14° 43′.75N., 74° 13′.30E.</p> <p>14° 40′.45N., 74° 08′.60E.</p> <p>14° 44′.00N., 74° 13′.90E.</p>
	Legend “ <i>Limit of Karwar Naval Harbour</i> ” centered on	
	Legend “ <i>Limit of Port of Belekeri</i> ” centered on	
Delete	Port limit, pecked line, joining:	<p>14° 43′.57N., 74° 11′.53E. (Shore)</p> <p>14° 43′.57N., 74° 09′.40E.</p> <p>14° 40′.06N., 74° 12′.32E.</p> <p>14° 40′.06N., 74° 16′.40E.</p> <p>Legend “<i>Limit of Port of Belekeri</i>” centered on</p> <p>14° 43′.50N., 74° 10′.00E.</p> <p>14° 41′.60N., 74° 11′.10E.</p> <p>14° 40′.10N., 74° 14′.40E.</p>



**\*100 (11/18) INDIA – WEST COAST – Karwar Naval Harbour – Port Limits. (Continued).****Chart 2354** [previous update NC 31 Jul 17]

Insert Port limit, pecked line, joining: (a) 14° 40′·60N., 74° 08′·62E. (N Border)

(b) 14° 36′·80N., 74° 05′·00E.

14° 40′·60N., 74° 01′·49E. (N Border)

and

(a) above

(b) above

14° 33′·93N., 74° 08′·00E.

14° 37′·60N., 74° 16′·30E.

Legend “*Limit of Karwar Naval Harbour*” centered on

14° 38′·60N., 74° 06′·60E.

14° 38′·55N., 74° 03′·50E.

Legend “*Limit of Port of Belekeri*” centered on

14° 38′·60N., 74° 06′·84E.

14° 34′·90N., 74° 10′·00E.

Delete Port limit, pecked line, joining:

14° 40′·60N., 74° 11′·86E. (N Border)

14° 40′·06N., 74° 12′·32E.

14° 40′·06N., 74° 16′·40E.

Legend “*Limit of Port of Belekeri*” centered on

14° 40′·10N., 74° 14′·40E.

**Chart 2009** [previous update NC 31 Jul 17]

Insert Port limit, pecked line, joining: 14° 44′·65N., 74° 14′·55E. (Shore)

14° 42′·40N., 74° 11′·80E.

14° 43′·20N., 74° 11′·10E.

14° 38′·48N., 74° 06′·60E. (W Border)

and

14° 37′·50N., 74° 16′·07E. (N Border)

14° 37′·60N., 74° 16′·30E.

Legend “*Limit of Karwar Naval Harbour*” centered on

14° 43′·70N., 74° 13′·85E.

14° 39′·60N., 74° 07′·60E.

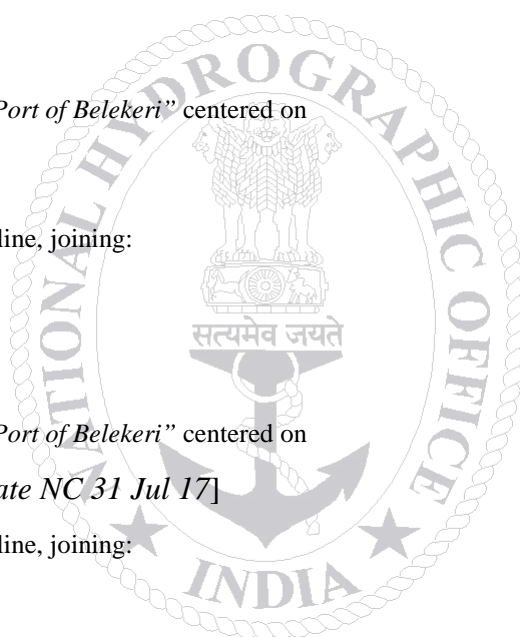
Legend “*Limit of Port of Belekeri*” centered on

14° 43′·80N., 74° 13′·65E.

14° 40′·10N., 74° 08′·25E.

Delete Port limit, pecked line, joining: 14° 43′·57N., 74° 11′·53E. (Shore)

14° 43′·57N., 74° 09′·40E.



**\*100 (11/18) INDIA – WEST COAST – Karwar Naval Harbour – Port Limits. (Continued).**

14° 40′.06N., 74° 12′.32E.

14° 40′.06N., 74° 16′.40E.

Legend “Limit of Port of Belekeri” centered on

14° 43′.55N., 74° 10′.55E.

14° 41′.73N., 74° 10′.97E.

14° 40′.10N., 74° 14′.85E.

**Chart 2008** [previous update 054/17]

Insert Port limit, pecked line, joining:

14° 48′.17N., 74° 05′.60E. (Shore)

14° 47′.60N., 74° 05′.40E.

14° 43′.30N., 74° 00′.22E. (S Border)

Legend “Limit of Karwar Naval Harbour” centered on

14° 46′.72N., 74° 04′.42E.

14° 45′.00N., 74° 02′.32E.

Delete Port limit, pecked line, joining:

14° 43′.57N., 74° 11′.53E. (Shore)

14° 43′.57N., 74° 09′.40E.

14° 43′.30N., 74° 06′.64E. (S Border)

Legend “Limit of Port of Belekeri” centered on

14° 43′.54N., 74° 10′.30E.

**Chart 2120** [previous update NC 31 Jan 15]

Insert Port limit, pecked line, joining:

14° 48′.17N., 74° 05′.60E. (Shore)

14° 47′.60N., 74° 05′.40E.

14° 47′.20N., 74° 04′.92E. (S Border)

Legend “Limit of Karwar Naval Harbour” centered on

14° 47′.89N., 74° 05′.63E.

**Chart 2010** [previous update 054/17]

Insert Port limit, pecked line, joining:

14° 42′.70N., 74° 10′.62E. (S Border)

14° 43′.20N., 74° 11′.10E.

14° 42′.70N., 74° 11′.54E. (S Border)

Legend “Limit of Karwar Naval Harbour” centered on

14° 42′.95N., 74° 10′.82E.

14° 42′.95N., 74° 11′.38E.

Legend “Limit of Port of Belekeri” centered on

14° 42′.95N., 74° 10′.90E.

14° 42′.95N., 74° 11′.30E.

Delete Port limit, pecked line, joining:

14° 43′.57N., 74° 11′.53E. (Shore)

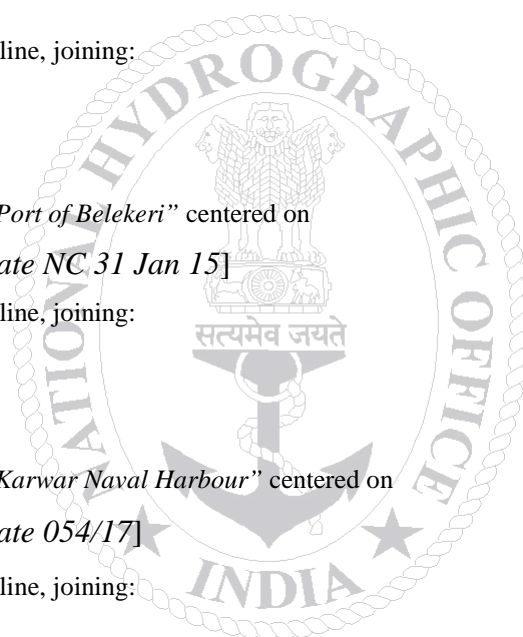
14° 43′.57N., 74° 09′.40E.

14° 42′.70N., 74° 10′.13E. (N Border)

Legend “Limit of Port of Belekeri” centered on

14° 43′.15N., 74° 09′.78E.

14° 43′.57N., 74° 10′.68E.



**\*101 (11/18) INDIA – EAST COAST – Approaches to Mandapam – Beacon.**

Source: IH 102 ; INS Sutlej.

**Chart 358 (INT 7394) [previous update 096/18]**

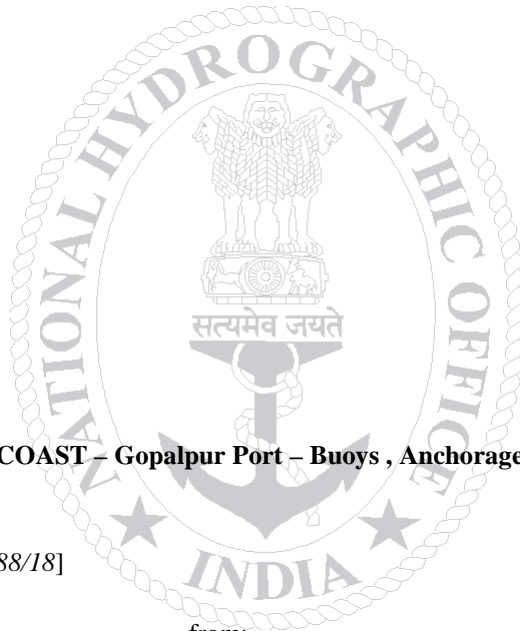
Delete  09° 15′.65N., 79° 08′.91E.  
 Bn(12) 09° 14′.47N., 79° 14′.33E

**Chart 317 [previous update 034/15]**

Delete  09° 15′.60N., 79° 08′.91E..  
09° 15′.18N., 79° 12′.20E..  
 Bn(12) 09° 14′.46N., 79° 14′.38E.





**Chart 3016 [previous update 137/16]**

Delete  09° 14′.38N., 79° 14′.38E.  
09° 15′.03N., 79° 13′.05E.  
09° 15′.19N., 79° 12′.24E  
09° 15′.74N., 79° 11′.93E.  
09° 16′.14N., 79° 11′.76E.  
09° 15′.06N., 79° 09′.33E.  
09° 15′.60N., 79° 08′.95E.  
09° 16′.77N., 79° 12′.34E.  
09° 16′.78N., 79° 12′.42E.  
09° 16′.83N., 79° 12′.34E.

**\*102 (11/18) INDIA – EAST COAST – Gopalpur Port – Buoys , Anchorage area , Dumping ground.**

Source: Gopalpur Port..

**Chart 3005 [previous update 088/18]**

Move  *Fl.R.5s*  
No 2 from: 19° 17′.23N., 84° 58′.98E.  
to 19° 17′.50N., 84° 58′.95E.  
 *Fl.R.5s*  
No 4 from: 19° 17′.26N., 84° 58′.34E.  
to 19° 17′.41N., 84° 58′.33E.  
 *Fl.R.5s*  
No 6 from: 19° 17′.26N., 84° 57′.98E.  
to 19° 17′.36N., 84° 57′.98E.  
Insert Limit of anchorage area, , joining (a) 19° 17′.05N., 84° 59′.95E.  
19° 15′.78N., 84° 58′.38E.  
19° 14′.80N., 84° 59′.40E.  
19° 16′.10N., 85° 00′.92E.  
(a) above

**\*102 (11/18) INDIA – EAST COAST – Gopalpur Port – Buoys, Anchorage area , Dumping ground. (Continued).**

Limit of dumping ground, 'TTTTTT', joining	(b) 19° 18'·07N., 85° 03'·00E. 19° 17'·20N., 85° 01'·90E. 19° 16'·41N., 85° 02'·53E. 19° 17'·21N., 85° 03'·63E. (b) above
Legend “Anchorage Area” centered on	19° 15'·95N., 84° 59'·60E.
Legend “Dumping Ground” centered on	19° 17'·10N., 85° 02'·80E.

**\*103/(11/18) INDIA – EAST COAST – Hugli River Haldia to Kukrahati Reach – Beacon, Drum mark.**

Source: IH-102, INS Darshak.

**Chart 3011 (INT 7421)** [previous update NC 15 Oct 17]Delete  Drum MK 22° 01'·20N., 88° 03'·40E.**Chart 3013 (INT 7422)** [previous update NC 31 Jan 17]Delete  Rory Bn 22° 01'·25N., 88° 03'·30E. Drum Mark 22° 01'·18N., 88° 03'·36E.

<b>*104 (11/18)</b>	<b>Miscellaneous updates to charts.</b>	
Source: NHO Dehradun.		
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>
<b>402</b> (INT 7436)	NC 31 Mar2016	Insert Chart No.4107 and Magenta limit as follows: 12° 57'·00N., 92° 32'·40E. (S Border) 12° 59'·80N., 92° 32'·40E. 12° 59'·80N., 92° 41'·30E. 12° 57'·00N., 92° 41'·30E. (S Border)
<b>403</b> (INT 7437)	074/15	Insert Chart No.4107 and Magenta limit as follows: 12° 46'·60N., 92° 32'·40E. 12° 59'·80N., 92° 32'·40E. 12° 59'·80N., 92° 41'·30E. 12° 46'·60N., 92° 41'·30E. 12° 46'·60N., 92° 32'·40E.
<b>212</b>	099/18	For New Edition Chart 212 (15 Apr 18)
		Apply INTM 086/18.
<b>INTM 093(10/18)</b> to read as follows:-		
<b>Chart 2016 (INT 7336)</b>	Read , Previous update as NE 15 Apr 18	
<b>Chart 211</b>	Read , Previous update as NE 15 Apr 18	
<b>INTM 094 (10/18)</b> to read as follows:-		
<b>Chart 293 (INT 7022)</b>	Read , Previous update as NE 15 Apr 18	

**SECTION – III****TEMPORARY AND PRELIMINARY NOTICES****\*105(T) (11/18) 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
BOGS10	19° 25'.88N	85° 42.28E	172	31 (INT 756) – 352 (INT 7416).
BOGD10	19° 23'.85N	85° 47'.44E	184, 587	31 (INT 756) – 352 (INT 7416).
BODD1	19° 58'.55N	88° 19'.57E	153, 561	31 (INT 756).
BOVD8	17° 45'.32N	84° 02'.96E	140, 567	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308.
BOVS8	17° 48'.13N	83° 58'.90E	89, 161	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308.
BOKS9	16° 15'.28N	82° 07'.39E	168	31 (INT 756) – 32 (INT 754) – 391 – 355 (INT 7405).
BOKD9	16° 07'.93N	82° 11'.97E	168, 526	31 (INT 756) – 32 (INT 754) – 391 – 355 (INT 7405).
BOND1	14° 29'.81N	80° 24'.84E	165, 565	31 (INT 756) – 32 (INT 754) – 356 (INT 7400) – 391.
BOPS9	12° 00'.29N	80° 07'.51E	170	32 (INT 754) – 33 (INT 755) – 357 (INT 7397).
BOPD9	12° 01'.00N	80° 02'.51E	183, 608, 1032	32 (INT 754) – 33 (INT 755) – 357 (INT 7397).

2. All positions referred to WGS 84 datum.
3. Vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
4. **Former INM 078(T)/18 is cancelled.**

**\*106 (T) (11/18) BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Drilling Operation.**

Source: Myanmar Hydrographic Office.

1. Drilling operation will be carried out by Dhirubhai Deepwater KG2 (call sign; V7PW7), in below mentioned co-ordinates till **29 Jun 18**:

Sl. No.	Point	Position
	Dhana Hlaing – 1	16° 27'.19N., 93° 33'.96E.

2. During the drilling period unauthorized navigation, anchoring and fishing is prohibited within 1 NM from the above mentioned position.
3. Mariners are advised to navigate with caution.

**Charts affected – 41 (INT 757).**



## SECTION – IV

### MARINE INFORMATION

#### 1. NAVTEX TRANSMISSION

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

Mauritius (Cassis) - Operational

Seychelles (Mahe)-Operational

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

<b>INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz</b>								
Sl.	Station Name	B1	Broad Cast Timings in UTC					
(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)	Balasure	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 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.

#### 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 07 of 2018(01<sup>st</sup> April 2018).

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

(b) Traffic Separation Schemes (TSS). The TSS 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. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: <a href="mailto:sales@globalcharts.in">sales@globalcharts.in</a> Web: <a href="http://www.globalcharts.com.sg">www.globalcharts.com.sg</a></p>	<p><b>E.W.Liner Charts &amp; Publication (India)</b> 2/524, Sandeep Road, ChinnaNeelangarai, 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>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 SVR Chart Agencies</b> Door No.50-81-48/4, Seetammappeta, 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: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> , <a href="mailto:raj.chakravorty@smsmap.com">raj.chakravorty@smsmap.com</a> Web: <a href="http://www.smsmaps.co.in">www.smsmaps.co.in</a></p>
<p><b>M/s JM Maritime Services</b> 24/24C Kavarana Building, Ground Floor, WadiBunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : <a href="mailto:jmms@mtnl.net.in">jmms@mtnl.net.in</a> , <a href="mailto:charts@mtnl.net.in">charts@mtnl.net.in</a></p>	<p><b>M/s Global Marine Infratech Pvt. Ltd.</b> SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: <a href="mailto:tusarkantha@gmiiindia.in">tusarkantha@gmiiindia.in</a> Web: <a href="http://www.gmiiindia.in">www.gmiiindia.in</a></p>
<p><b>M/s Lift o Marine</b> Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: <a href="mailto:sankar@liftomarine.org">sankar@liftomarine.org</a>, <a href="mailto:liftomarine77@gmail.com">liftomarine77@gmail.com</a> Web: <a href="http://www.liftomarine.org">www.liftomarine.org</a></p>	<p><b>L. R. Marine Services</b> 301, 3rd Floor, Biryas House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: <a href="mailto:lrcharts@gmail.com">lrcharts@gmail.com</a>, <a href="mailto:lrmarine@live.com">lrmarine@live.com</a></p>
<p><b>M/s Zenith Surveys (I) Pvt. Ltd.</b> Lakhani’sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: <a href="mailto:zenithsurveys703@gmail.com">zenithsurveys703@gmail.com</a> <a href="mailto:nyvmane@yahoo.com">nyvmane@yahoo.com</a> Web: <a href="http://www.zenithsurvey.com">www.zenithsurvey.com</a></p>	<p><b>IIC Technologies Limited</b> 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: <a href="mailto:somnath.marthi@iictechnologies.com">somnath.marthi@iictechnologies.com</a> <a href="mailto:sanjeev.sharma@iictechnologies.com">sanjeev.sharma@iictechnologies.com</a> Web: <a href="http://www.iictechnologies.com">www.iictechnologies.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 May 18:

<b>2017 SERIES</b> – 305 345 394 493685 723 762 814 829 866 872 876
<b>2018 SERIES</b> – 028 047 049 145 168 185 186 222 301 311 312 314 341 343 348 360 372 375 384 386 403 408 409 414 416 418 420 422 423 424 425 426 428 429 430 431

3. NAVAREA VIII Warnings issued during the period from 16 May 18 to 31 May 18 (both dates inclusive) are as tabulated below:–

<p><b>386. Indian Ocean – Kenya.</b> Charts INT 71 72 BA 616 3361. Construction for replacing existing concrete beacons with GRP being progressed at same position.</p> <table> <thead> <tr> <th>Name</th> <th>Position</th> </tr> </thead> <tbody> <tr> <td>KIPEVU FRONT LEADING LT</td> <td>04-02.5S 039-38.3E</td> </tr> <tr> <td>KIPEVU REAR LEADING LT</td> <td>04-02.4S 039-38.2E</td> </tr> <tr> <td>MTONGWE FRONT LEADING LT</td> <td>04-05.0S 039-40.2E</td> </tr> <tr> <td>MTONGWE REAR LEADING LT</td> <td>04-05.1S 039-40.3E</td> </tr> <tr> <td>SHIMANZI FRONT LEADING LT</td> <td>04-02.6S 039-38.4E</td> </tr> <tr> <td>SHIMANZI REAR LEADING LT</td> <td>04-02.5S 039-38.6E</td> </tr> <tr> <td>RAS KISAUNI REAR LEADING LT</td> <td>04-02.6S 039-40.6E</td> </tr> <tr> <td>PORT REITZ FRONT LEADING LT</td> <td>04-03.9S 039-34.7E</td> </tr> <tr> <td>PORT REITZ REAR LEADING LT</td> <td>04-03.8S 039-34.5E</td> </tr> <tr> <td>RAS PUNGUTIAYU LT</td> <td>04-42.0S 039-35.5E</td> </tr> </tbody> </table> <p>2. Wide berth of 100M from beacons requested. 3. Cancel this MSG 311830 UTC Jul 18.</p>	Name	Position	KIPEVU FRONT LEADING LT	04-02.5S 039-38.3E	KIPEVU REAR LEADING LT	04-02.4S 039-38.2E	MTONGWE FRONT LEADING LT	04-05.0S 039-40.2E	MTONGWE REAR LEADING LT	04-05.1S 039-40.3E	SHIMANZI FRONT LEADING LT	04-02.6S 039-38.4E	SHIMANZI REAR LEADING LT	04-02.5S 039-38.6E	RAS KISAUNI REAR LEADING LT	04-02.6S 039-40.6E	PORT REITZ FRONT LEADING LT	04-03.9S 039-34.7E	PORT REITZ REAR LEADING LT	04-03.8S 039-34.5E	RAS PUNGUTIAYU LT	04-42.0S 039-35.5E
Name	Position																					
KIPEVU FRONT LEADING LT	04-02.5S 039-38.3E																					
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MTONGWE REAR LEADING LT	04-05.1S 039-40.3E																					
SHIMANZI FRONT LEADING LT	04-02.6S 039-38.4E																					
SHIMANZI REAR LEADING LT	04-02.5S 039-38.6E																					
RAS KISAUNI REAR LEADING LT	04-02.6S 039-40.6E																					
PORT REITZ FRONT LEADING LT	04-03.9S 039-34.7E																					
PORT REITZ REAR LEADING LT	04-03.8S 039-34.5E																					
RAS PUNGUTIAYU LT	04-42.0S 039-35.5E																					
<p><b>387. India West Coast - off Mumbai.</b> Charts 22 212 255 256 293 INT 71. Submarine search and rescue exercise by Indian Naval Ships scheduled daily from 18-30 May 18 from 0001-1400 UTC in areas bounded within (A) 17-45N to 17-54N and 072-24E to 072-33E (B) 18-15N to 18-22N and 071-18E to 071-27E (C) 16-13N to 16-22N and 072-14E to 072-24E. Wide berth requested.</p> <p>2. Cancel this MSG 310001 UTC May 18.</p>																						
<p><b>388. India East Coast – North Bay of Bengal.</b> Charts 31 351 352 INT 71. Experimental Flight Trial scheduled from ITR on 21, 22, 23 May 18 from 0430-0630 and 0930-1130 UTC in danger zone bounded by 21-22.59N 086-56.31E, 21-21.98N 086-55.86E, 21-19.15N 086-54.48E, 21-07.57N 086-50.50E, 20-54.90N 086-56.40E, 20-37.98N 087-13.95E, 18-58.14N 088-40.26E, 19-19.14N 089-06.24E, 20-58.15N 087-39.59E, 21-26.73N 087-24.89E, 21-23.32N 086-59.81E.</p> <p>2. Cancel this MSG 231230 UTC May 18.</p>																						
<p><b>389. India East Coast- North Bay of Bengal.</b> Charts 31 308 351 352 353 354 391 3002 INT 71. Firing by Naval Ships scheduled on 21, 22, 23 May 18 from 0630 - 1030 UTC in danger zone bounded by 17-28N 083-19E, 17-12N 083-30E, 17-00N 086-30E, 18-40N 086-30E, 19-58N 089-12E, 21-12N 088-26E</p> <p>2. Cancel this MSG 231130 UTC May 18</p>																						
<p><b>390. India West Coast – off Tapti ODA.</b> Charts 21 210 254 292 INT 71. Firing by CG Aircraft scheduled on 21 May 18 from 0330 - 1130 UTC in danger area bounded by 20-13N 071-59E, 20-13N 072-08E, 20-06N 072-07E, 20-06N 071-57E.</p> <p>2. Cancel this MSG 211230 UTC May 18.</p>																						
<p><b>391. India East Coast.</b> Charts 355 356 357 INT 71. Rig list:-</p> <table> <tbody> <tr> <td>ABAN ABRAHAM</td> <td>16-13.90N 082-13.70E</td> </tr> <tr> <td>ABAN II</td> <td>16-17.90N 081-52.56E</td> </tr> <tr> <td>DEEP DRILLER 8</td> <td>11-30.10N 079-56.05E</td> </tr> <tr> <td>ESSAR WILDCAT</td> <td>15-19.58N 080-33.30E</td> </tr> <tr> <td>JACK BATES</td> <td>16-25.70N 082-23.43E</td> </tr> <tr> <td>LOUISIANA</td> <td>16-19.70N 082-21.00E</td> </tr> <tr> <td>OLINDA STAR</td> <td>16-23.08N 082-21.60E New</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>16-18.70N 082-17.80E</td> </tr> <tr> <td>SAGAR RATNA</td> <td>16-22.43N 081-58.65E</td> </tr> <tr> <td>SAGAR VIJAY</td> <td>16-28.32N 082-22.34E</td> </tr> <tr> <td>WEST TELESTO</td> <td>15-27.38N 080-31.70E</td> </tr> </tbody> </table> <p>2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 351.</p>	ABAN ABRAHAM	16-13.90N 082-13.70E	ABAN II	16-17.90N 081-52.56E	DEEP DRILLER 8	11-30.10N 079-56.05E	ESSAR WILDCAT	15-19.58N 080-33.30E	JACK BATES	16-25.70N 082-23.43E	LOUISIANA	16-19.70N 082-21.00E	OLINDA STAR	16-23.08N 082-21.60E New	PLATINUM EXPLORER	16-18.70N 082-17.80E	SAGAR RATNA	16-22.43N 081-58.65E	SAGAR VIJAY	16-28.32N 082-22.34E	WEST TELESTO	15-27.38N 080-31.70E
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WEST TELESTO	15-27.38N 080-31.70E																					
<p><b>392. Cancel NAVAREA VIII 361/18 and this MSG.</b></p>																						
<p><b>393. India East Coast – off Chennai.</b> Charts 32 313 356 357 INT 71. Firing by CG Aircraft scheduled daily from 22 - 29 May 18 from 0130 - 1130 UTC in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E.</p>																						

2.	Cancel this MSG 291230 UTC May 18.
<b>394.</b>	<b>Andaman Sea – off Barren.</b> Charts 41 473 INT 71.Firing practice by CG Aircraft scheduled on 22, 23 May 18 from 0430-0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E
2.	Cancel this MSG 231030 UTC May 18.
<b>395.</b>	<b>Cancel NAVAREA VIII 255/18 345 346 and this MSG. INTM Section VII (Edn10/18) 098(T) 093 refers.</b>
<b>396.</b>	<b>NAVAREA VIII warnings in force as on 18 May 2018.</b> <b>2017 SERIES</b> – 305 345 394 493 685 723 762 814 829 866 872 876 <b>2018 SERIES</b> - 028 047 049 056 145 168 185 186 203 222 242 251 279 299 301 311 312 314 341 342 343 348 356 359 360 371 372 375 377 380 381 382 383 384 386 387 388 389 390 391 393 394 395 (A) NAVAREA VIII warnings less than 42 days promulgated via Safetynet. (B) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a>
2.	Cancel this MSG 251830 UTC May 18.
<b>397.</b>	<b>Indian Ocean – off Reunion Island.</b> Charts INT 71 BA 712 1497.Naval Gunnery Exercise scheduled on 23 May 18 from 0400-1800 UTC and 24 May 18 from 0400-0800 UTC in area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E.
2.	Cancel this MSG 240900 UTC May 18.
<b>398.</b>	<b>India East Coast- Chennai.</b> Charts 32 313 3001 INT 71.Firing by Naval Coast Battery scheduled on 25 May 18 from 0530 - 0730 UTC.
2.	Danger sector extending upto12 NM between bearing 045 and 075 from 13-07.02N 080-18.01E.
3.	Cancel this MSG 250830 UTC May 18.
<b>399.</b>	<b>India East Coast – off Balasore.</b> Charts 31 351 3017 3031 INT 71.Experimental Flight Trial scheduled from ITR on 24 May 18 from 0430-0830 UTC in danger zone bounded by 21-22.59N 086-56.31E, 21-21.98N 086-55.86E, 21-07.57N 086-50.51E, 20-54.91N 086-56.41E, 21-02.82N 087-16.81E, 21-26.73N 087-24.89E.
2.	Cancel this MSG 240930 UTC May 18.
<b>400.</b>	<b>India West Coast – Lakshadweep Sea.</b> Charts 22 222 223 260 261 273 2048 INT 71.Muttam Point (08-07N 077-19E) Navtex Transmitter off.
<b>401.</b>	<b>India West Coast.</b> Charts 21 251 254 255 292 INT 71.Rig list:- ABAN ICE 19-13.88N 071-02.41E ACTINIA 19-19.57N 071-01.61E CE THORNTON 18-30.06N 072-15.95E DEEP DRILLER 4 21-03.93N 072-31.62E DEEP SEA FORTUNE 19-40.15N 072-00.33E DEEP SEA FOSSIL 19-18.12N 071-30.38E DEEP SEA MATDRILL 19-39.98N 071-35.75E FG MCCLINTOCK 18-16.38N 072-22.81E GREAT DRILL CHAAYA 18-34.07N 072-13.27E GREAT DRILL CHAARU 20-05.50N 071-53.13E GREAT DRILL CHETNA 21-37.96N 068-26.41E GREAT DRILL CHITRA 19-22.58N 071-00.85E HARVEY H WARD 19-10.48N 070-59.02E JINDAL STAR 20-14.88N 071-57.76E JINDAL SUPREME 19-41.90N 072-19.83E JT ANGEL 19-35.30N 071-38.70E NOBLE ED HOLT 20-11.53N 071-52.25E PARAMESWARA 22-55.80N 068-21.48E SAGAR GAURAV 19-35.93N 070-57.18E SAGAR JYOTI 19-04.70N 071-54.11E SAGAR KIRAN 19-33.13N 071-16.35E SAGAR SHAKTI 19-15.95N 070-56.47E SAGAR UDAY 19-08.42N 070-53.87E TRIDENT II 20-09.54N 071-47.43E TRIDENT XII 18-44.96N 072-20.01E New VICTORY DRILLER 19-28.70N 071-46.66E VIRTUE-I 19-15.20N 072-02.17E VIVEKANANDA1 19-15.64N 072-06.59E VIVEKANANDA2 19-11.05N 072-11.20E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 383 .
<b>402.</b>	<b>India East Coast – off Balasore.</b> Charts 31 351 3017 3031 INT 71.Experimental Flight Trial scheduled from ITR on 24, 25 May 18 from 0430-0830 UTC in danger zone bounded by 21-22.59N 086-56.31E, 21-21.98N 086-55.86E, 21-07.57N 086-50.51E, 20-50.1N 086-58.56E, 21-58.02N 087-21.91E, 21-27.9N 087-31.14E.
2.	Cancel NAVAREA VIII 399 and THIS MSG 250930 UTC May 18.
<b>403.</b>	<b>India West Coast- Ranpar Port.</b> Charts 22 212 213 256 293 2074 INT 71.Buoys in position 16-53.05N 073-17.1E, 16-53.21N 073-17.08E, 16-53.33N 073-17.04E, 16-53.45N 073-16.62E removed for Monsoon.

<b>404.</b>	<b>Cancel NAVAREA VIII 400 and this MSG.</b>																																																								
<b>405.</b>	<b>Indian Ocean - off AgalegaI.</b> Charts INT 71 BA 717.Sailing vessel Island Birb reported adrift 13-03.58S 056-25.96E on 22 May 18. 2. Cancel this MSG 251830 UTC May 18.																																																								
<b>406.</b>	<b>Cancel NAVAREA VIII 380/18 402/18 and this MSG.</b>																																																								
<b>407.</b>	<b>India West Coast.</b> Charts 21 251 254 255 292 INT 71.Rig list:- <table border="0"> <tr><td>ABAN ICE</td><td>19-13.88N 071-02.41E</td></tr> <tr><td>ACTINIA</td><td>19-19.57N 071-01.61E</td></tr> <tr><td>CE THORNTON</td><td>18-30.06N 072-15.95E</td></tr> <tr><td>DEEP DRILLER 4</td><td>21-03.93N 072-31.62E</td></tr> <tr><td>DEEP SEA FOSSIL</td><td>19-18.12N 071-30.38E</td></tr> <tr><td>DEEP SEA MATDRILL</td><td>19-39.98N 071-35.75E</td></tr> <tr><td>FG MCCLINTOCK</td><td>18-16.38N 072-22.81E</td></tr> <tr><td>GREAT DRILL CHAAYA</td><td>18-37.24N 072-14.94E New</td></tr> <tr><td>GREAT DRILL CHAARU</td><td>20-05.50N 071-53.13E</td></tr> <tr><td>GREAT DRILL CHETNA</td><td>21-37.96N 068-26.41E</td></tr> <tr><td>GREAT DRILL CHITRA</td><td>19-22.58N 071-00.85E</td></tr> <tr><td>HARVEY H WARD</td><td>19-10.48N 070-59.02E</td></tr> <tr><td>JINDAL STAR</td><td>20-14.88N 071-57.76E</td></tr> <tr><td>JINDAL SUPREME</td><td>19-41.90N 072-19.83E</td></tr> <tr><td>JT ANGEL</td><td>19-35.30N 071-38.70E</td></tr> <tr><td>NOBLE ED HOLT</td><td>20-11.53N 071-52.25E</td></tr> <tr><td>PARAMESWARA</td><td>22-55.80N 068-21.48E</td></tr> <tr><td>SAGAR GAURAV</td><td>19-35.93N 070-57.18E</td></tr> <tr><td>SAGAR JYOTI</td><td>19-04.70N 071-54.11E</td></tr> <tr><td>SAGAR KIRAN</td><td>19-33.13N 071-16.35E</td></tr> <tr><td>SAGAR SHAKTI</td><td>19-15.95N 070-56.47E</td></tr> <tr><td>SAGAR UDAY</td><td>19-08.42N 070-53.87E</td></tr> <tr><td>TRIDENT II</td><td>20-09.54N 071-47.43E</td></tr> <tr><td>TRIDENT XII</td><td>18-44.96N 072-20.01E</td></tr> <tr><td>VICTORY DRILLER</td><td>19-28.70N 071-46.66E</td></tr> <tr><td>VIRTUE-I</td><td>19-15.20N 072-02.17E</td></tr> <tr><td>VIVEKANANDA1</td><td>18-36.12N 071-01.59E NEW</td></tr> <tr><td>VIVEKANANDA2</td><td>19-11.05N 072-11.20E</td></tr> </table> 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 401.	ABAN ICE	19-13.88N 071-02.41E	ACTINIA	19-19.57N 071-01.61E	CE THORNTON	18-30.06N 072-15.95E	DEEP DRILLER 4	21-03.93N 072-31.62E	DEEP SEA FOSSIL	19-18.12N 071-30.38E	DEEP SEA MATDRILL	19-39.98N 071-35.75E	FG MCCLINTOCK	18-16.38N 072-22.81E	GREAT DRILL CHAAYA	18-37.24N 072-14.94E New	GREAT DRILL CHAARU	20-05.50N 071-53.13E	GREAT DRILL CHETNA	21-37.96N 068-26.41E	GREAT DRILL CHITRA	19-22.58N 071-00.85E	HARVEY H WARD	19-10.48N 070-59.02E	JINDAL STAR	20-14.88N 071-57.76E	JINDAL SUPREME	19-41.90N 072-19.83E	JT ANGEL	19-35.30N 071-38.70E	NOBLE ED HOLT	20-11.53N 071-52.25E	PARAMESWARA	22-55.80N 068-21.48E	SAGAR GAURAV	19-35.93N 070-57.18E	SAGAR JYOTI	19-04.70N 071-54.11E	SAGAR KIRAN	19-33.13N 071-16.35E	SAGAR SHAKTI	19-15.95N 070-56.47E	SAGAR UDAY	19-08.42N 070-53.87E	TRIDENT II	20-09.54N 071-47.43E	TRIDENT XII	18-44.96N 072-20.01E	VICTORY DRILLER	19-28.70N 071-46.66E	VIRTUE-I	19-15.20N 072-02.17E	VIVEKANANDA1	18-36.12N 071-01.59E NEW	VIVEKANANDA2	19-11.05N 072-11.20E
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<b>408.</b>	<b>India West Coast – off Porbandar.</b> Charts 21 204 205 252 INT 71 (.) Firing from Kathiawar range scheduled daily from 28 May - 02 Jun 18 from 0230-1030 UTC in danger area bounded by 22-12N 068-36.33E, 21-15.5N 069-04E, 21-09N 069-40E, 21-15.5N 069-42.5E, 22-05.75N 068-49E. 2. Cancel this MSG 021130 UTC Jun 18.																																																								
<b>409.</b>	<b>India West Coast– Gulf of Kachchh.</b> Charts 21 203 2068 INT 71. Buoys Dhani and Narara retrieved. 2. Cancel NAVAREA VIII MSG 242/18.																																																								
<b>410.</b>	<b>India West Coast – Off Ratnagiri.</b> Charts 22 256 293 INT 71. Firing by Naval Ship scheduled from 281430 - 311430 UTC May 18 in danger area bounded by 16-47N 071-55E, 17-47N 069-47E, 16-02N 069-02E, 14-47N 071-05E. 2. Cancel this MSG 311530 UTC May 18.																																																								
<b>411.</b>	<b>Andaman Sea – off Barren.</b> Charts 41 473 INT 71. Firing by CG Aircraft scheduled on 29 and 30 May 18 from 0430-0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. 2. Cancel this MSG 301030 UTC May 18.																																																								
<b>412.</b>	<b>India East Coast – off Gopalpur.</b> Charts 31 352 353 3005 INT 71. Army Air Defence firing and BPTA flight scheduled on 29, 30, 31 May 18 from 0130-0730 and 0830-1430 UTC in danger area bounded by (A) 19-14.6N 084-53.7E (B) 19-07.39N 085-35.94E (C) 18-33.61N 084-53.74E and arc of 40 nm radius joining point B and C. 2. Cancel this MSG 311530 UTC May 18.																																																								
<b>413.</b>	<b>India East Coast – off Balasore.</b> Charts 31 351 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR ON 30, 31 May 18 from 0430-0830 UTC in danger zone bounded by 21-22.59N 086-56.31E, 21-21.98N 086-55.86E, 21-07.57N 086-50.51E, 20-50.1N 086-58.56E, 20-58.02N 087-21.91E, 21-27.9N 087-31.14E. 2. Cancel this MSG 310930 UTC May 18.																																																								
<b>414.</b>	<b>Andaman Sea – Yangon River.</b> CHARTS 41 411 452 4019 INT 71. Buoys Additional Lower Western FL R 4S, New Center Western FL R 4S, New Center Spit FL G 4S, New Upper Western FL R 2S, New Upper SPIT FL W 2S shifted to 16-21.45N 096-22.15E, 16-25.75N 096-20.10E, 16-25.6N 096-20.6E, 16-26.4N 096-20.6E, 16-25.94N 096-20.85E. 2. Buoy Additional Upper Western (16-25.44N 096-20.97E) removed. Buoy ThuraPhyoKyaw Lin wreck (16-24N 096-21E) adrift. 3. Cancel NAVAREA VIII MSG 251 .																																																								
<b>415.</b>	<b>Indian Ocean – off Reunion Island.</b> Charts INT 71 BA 712. Naval Gunnery Exercise scheduled on 28 May 18 from 0800-1600 UTC in area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E																																																								
<b>415.</b>	<b>Continued.</b> 2. Cancel this MSG 281700 UTC May 18.																																																								

<b>416.</b>	<b>India West Coast. Charts 21 251 254 255 292 INT 71. Rig list:-</b>
	ABAN ICE 19-13.88N 071-02.41E
	ACTINIA 19-19.57N 071-01.61E
	CE THORNTON 18-30.06N 072-15.95E
	DEEP DRILLER 4 21-03.93N 072-31.62E
	DEEP SEA FOSSIL 19-18.12N 071-30.38E
	DEEP SEA MATDRILL 19-39.98N 071-35.75E
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	GREAT DRILL CHAAYA 18-37.24N 072-14.94E
	GREAT DRILL CHAARU 20-05.50N 071-53.13E
	GREAT DRILL CHETNA 21-37.96N 068-26.41E
	GREAT DRILL CHITRA 19-22.58N 071-00.85E
	HARVEY H WARD 19-34.28N 071-36.05E NEW
	JINDAL STAR 20-14.88N 071-57.76E
	JINDAL SUPREME 22-57.10N 068-32.30E NEW
	JT ANGEL 19-35.30N 071-38.70E
	NOBLE ED HOLT 20-11.53N 071-52.25E
	PARAMESWARA 22-55.80N 068-21.48E
	SAGAR GAURAV 19-35.93N 070-57.18E
	SAGAR JYOTI 19-04.70N 071-54.11E
	SAGAR KIRAN 19-33.13N 071-16.35E
	SAGAR SHAKTI 19-15.95N 070-56.47E
	SAGAR UDAY 19-08.42N 070-53.87E
	TRIDENT II 19-20.91N 071-24.51E NEW
	TRIDENT XII 18-44.96N 072-20.01E
	VICTORY DRILLER 19-31.70N 071-16.51E NEW
	VIRTUE-I 19-15.20N 072-02.17E
	VIVEKANANDA1 18-36.12N 071-01.59E
	VIVEKANANDA2 19-11.05N 072-11.20E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 407.
<b>417.</b>	<b>India East Coast. Charts 355 356 357 INT 71. Rig list:-</b>
	ABAN ABRAHAM 16-13.90N 082-13.70E
	ABAN II 16-17.90N 081-52.56E
	DEEP DRILLER 8 11-30.10N 079-56.05E
	ESSAR WILDCAT 15-19.58N 080-33.30E
	JACK BATES 16-25.70N 082-23.43E
	LOUISIANA 16-19.70N 082-21.00E
	OLINDA STAR 16-23.08N 082-21.60E
	PLATINUM EXPLORER 16-18.70N 082-17.80E
	SAGAR RATNA 15-21.91N 080-31.91E NEW
	SAGAR VIJAY 16-28.32N 082-22.34E
	WEST TELESTO 15-27.38N 080-31.70E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 391 .
<b>418.</b>	<b>Andaman Sea – Yangon River.</b> Charts 41 452 4019 INT 71. Salvage for sunken barge 16-46.33N 096-07.61E in progress.
<b>419.</b>	<b>Cancel NAVAREA VIII 203/18 and this MSG.</b>
<b>420.</b>	<b>NAVAREA VIII – Warnings in force as on 25 May 2018:-</b>
	<b>2017 SERIES</b> – 305 345 394 493 685 723 762 814 829 866 872 876
	<b>2018 SERIES</b> - 028 047 049 056 145 168 185 186 222 279 299 301 311 312 314 341 342 343 348 356 359 360 372 375 377 384 386 387 393 403 408 409 410 411 412 413 414 415 416 417 418 419
	(A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet.
	(B) Text OF NAVAREA VIII warnings inforce including those which no longer broadcast available in <a href="http://www.hydrobharat.gov.in">www.hydrobharat.gov.in</a> .
2.	Cancel this MSG 011830 UTC Jun 18.
<b>421.</b>	<b>India West Coast – off Tapti ODA.</b> Charts 21 210 254 292 INT 71. Firing by CG Aircraft scheduled on 31 May 18 from 0330 - 1130 UTC in danger area bounded by 20-13N 071-59E, 20-13N 072-08E, 20-06N 072-07E, 20-06N 071-57E.
2.	Cancel this MSG 311230 UTC May 18.
<b>422.</b>	<b>India West Coast – Kochi.</b> Charts 22 220 260 2029 INT 71. Firing by Navy scheduled on:-
	DATE TIME (UTC)
	01 JUN 18 0900-1200 AND 1230-1430
	05 JUN 0900-1200
	08 JUN 0900-1200 AND 1230-1430
<b>422.</b>	<b>Continued.</b>
	12 JUN 0900-1200

15 JUN	0900-1200 AND 1230-1430
2.	Danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E.
3.	CANCEL THIS MSG 151530 UTC JUN 18
<b>423.</b>	<b>Bay Of Bengal – off Bassein River.</b> Charts 31 41 371 451 INT 71. DhirubhaiDeepwaterKG2 Progressing drilling 16-27.19N 093-33.96E. Wide berth requested.
2.	Cancel NAVAREA VIII 342/18 AND this MSG 291830 UTC Jun 18.
<b>424.</b>	<b>INDIA WEST COAST – OFF HONAVAR (.)</b> CHARTS 22 216 257 293 INT 71 (.) FISHING TRAWLER FB ANGEL1 REPORTED CAPSIZED AND PARTIALLY SUBMERGED 14-12N 074-16E AT AM 29 MAY 18 (.) 02 CREW MISSING (.)
<b>425.</b>	<b>India West Coast – Kandla Port.</b> Charts 21 203 2018 2080 INT 71. Blackout Vessels Nautical Global VII, Nautical Global XVI, MaharshiKrishnatreya, MaharshiMahatreya reported at anchoarage without AIS 22-47.95N 070-02.75E, 22-46.61N 070-01.59E, 22-47.66N 070-04.42E, 22-46.95N 070-06.26E. Wide berth advised.
<b>426.</b>	<b>INDIA EAST COAST (.) CHARTS 355 356 357 INT 71 (.) RIG LIST</b>
	ABAN ABRAHAM 16-11.03N 082-13.01E NEW
	ABAN II 16-17.90N 081-52.56E
	DEEP DRILLER 8 11-30.10N 079-56.05E
	ESSAR WILDCAT 15-19.58N 080-33.30E
	JACK BATES 16-25.70N 082-23.43E
	LOUISIANA 16-19.70N 082-21.00E
	OLINDA STAR 16-23.08N 082-21.60E
	PLATINUM EXPLORER 16-18.70N 082-17.80E
	SAGAR RATNA 15-21.91N 080-31.91E
	SAGAR VIJAY 16-28.32N 082-22.34E
	WEST TELESTO 15-27.38N 080-31.70E
2.	WIDE BERTH REQUESTED
3.	CANCEL NAVAREA VIII MSG 417
<b>427.</b>	<b>Central Bay of Bengal.</b> Charts 31 INT 71. SLFV Leshan4 reported adrift 14-00N 087-30E AT 280330 UTC May 18.
2.	Cancel this MSG 310330 UTC May 18.
<b>428.</b>	<b>India West Coast – off Mumbai.</b> Charts 22 211 255 292 2016 INT 71. Red coloured buoy reported 18-50.11N 072-42.36E.
<b>429.</b>	<b>India East Coast – Central Bay of Bengal.</b> Charts 31 33 351 INT 71. Experimental Flight trial scheduled from ITR ON 03, 04 Jun 18 from 0300-0700 UTC in danger zone bounded by 20-48.36N 087-02.58E, 19-03.39N 086-26.3E, 08-10.5N 087-05.29E, 07-46.62N 091-55.3E, 19-11.29N 088-02.33E, 20-48.76N 087-07.4E.
2.	Cancel this MSG 040800 UTC Jun 18.
<b>430.</b>	<b>India East Coast – off Chennai.</b> Charts 32 313 356 357 INT 71. Firing BY CG Aircraft scheduled daily from 04 - 08 Jun 18 from 0130 - 1130 UTC in danger area bounded within 12-49N TO 12-59N and 080-46E to 081-26E.
2.	Cancel this MSG 081230 UTC Jun 18.
<b>431.</b>	<b>India West Coast – off Mumbai.</b> Charts 21 22 211 255 256 292 293 INT 71. SV Fugro Mapper progressing survey using towed sonar in area bounded by 18-50N 072-10.47E, 18-48.82N 072-28.53E, 17-51.85N 072-28.05E, 17-52.17N 072-09.42E. Wide berth requested.
2.	Cancel this MSG 151830 UTC Jun 18.



## SECTION – VI

### CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

#### West coast of India Pilot (INP-1)

##### Chapter - 9 (Page 359)

(Source: IH.102A, Adani Ports and SEZ Ltd.)

*Article 9.97, Para 1, delete line 6 and replace by*

to 270,000 DWT and post panamax container vessels.

*Article 9.98, delete Para 1 and replace by*

The port is capable of handling all kinds of containers, including hazardous cargoes. The dangerous cargoes are also handled with the exception of IMDG class 1 & 7. The cargo work is carried out round the clock

*Page 360, Article 9.100, Para 3, line 1 delete text 'Eleven' and replace by 'Nine'*

*Page 361, Article 9.102, delete Para 1 and replace by*

1 The Port has following berths and Basins

#### **Terminal – 1**

Berth	LOA	Type
Berth-1	275m	Dry/ Liquid
Berth-2	183m	Liquid
Berth-3	225m	Dry/ liquid
Berth-4	225m	Dry/ Liquid
Barge Berth	80m	Harbour craft

#### **Terminal – 2**

Berth	LOA	Type
Berth-5	300m	Dry/ Liquid
Berth-6	300m	Dry/ Liquid
Berth-7	225m	Dry/ Liquid
Berth-8	200m	Dry/ Liquid

#### **Terminal – 3**

Berth	LOA	Type
Berth-9	230m	Dry
Berth-10	230m	Dry
Berth-11	230m	Dry
Berth-12	215m	Dry

#### **Container Terminal – 1 (Mundra International Container Terminal)**

Berth	LOA	Type
CB1	631m	Container
CB2	631m	Container

#### **Container Terminal – 2 (Adani Mundra Container Terminal)**

Berth	LOA	Type
CB3	631m	Container
CB4	631m	Container

#### **West Basin**

Berth	LOA	Type
WB1	325m	Dry
WB2	325m	Dry
WB3	325m	Dry
WB4	325m	Dry

#### **South Basin**

Terminal	Berth	LOA	Type
CT - 4	SB4	650m	Container
	SB5	650m	Container
CT- 3	SB6	810m	Container
	SB7	810m	Container
	SB8	650m	Container
	SB9	650m	Container

*Article 9.102, delete Para 12 and replace by*

12 **Port Authority.** Chief Executive Officer, Gujrat Maritime board, Gandhinagar, Sector 10A, Opp. Air Force Centre, B/H New Sachivalaya, Gandhinagar-382010, Gujrat  
Phone- +91 7923238346  
Fax- +91 7923234703  
E-mail-gmbad1@sancharnet.in

13 **Terminal Operator.** Chief Operating Officer, Adani Ports & Special Economic Zone Ltd, Post Bag No. 1, Mundra- 370421, Kutch, Gujrat  
Phone No.- +91 2838255726  
After Office Hour Number-+91 8980015245  
Fax Number- +91 2838255601  
Email- Avinash.Rai@adani.com

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

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7355.5	-Mina Rashid Marina	25 15.66 N 55 16.79 E	Fl R 3s	..	..	Pile	<i>fl 1</i>
*	*	*	*	*	*	*	*
D7355.55	-Mina Rashid Marina	25 15.67 N 55 16.69 E	Fl G 3s	..	..	..	<i>fl 1</i>
*	*	*	*	*	*	*	*
D7355.58	-Mina Rashid Marina	25 15.71 N 55 16.26 E	F R	*	*	*	*
*	*	*	*	*	*	*	*
SOUTH PARS GASFIELD							
D9163.5	- FPSO <i>Cyrus</i>	2643.65 N 5204.20 E	Lit	*	*	*	*
*	*	*	*	*	*	*	*
F1644	PulauUndan. Summit	02 02.90 N 102 20.10 E	Fl(2)W15s	53	18	Red 8-sidedconcrete tower on building 15	<b>Range 12M(T) 2018</b>  *

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

**INP 31(1), 2014**

*(Last correction: Edition No. 05 dated 01 Mar 2018)*

**PAGE 33, MYANMAR (BURMA),**

*Delete entry and replace by:*

<b>MYANMAR (BURMA)</b>
------------------------

<b>AYEYARWADY(XYY)</b>		16°45'N 96°11'E
MMSI 005061411	DSC VHF MF HF	
☎ +95 31 31651 +95 9795279576	📠 +95 1 202417	
Inmarsat C: 450614011	E mail: mrcc.yangon@mptmail.com.mm mrcc.myanmar2012@gmail.com	

VHF

	Ch 16	H24
--	-------	-----

<b>MYEIK(XYM) 12°26'N 98°36'E</b>	
MMSI 005060200	DSC VHF MF HF
☎ +95 59 41180	

VHF

	Ch 16	H24
--	-------	-----

<b>YANGON (XYR)</b>		16°42'N 96°17'E
MMSI 005060100	DSC VHF MF HF	OBS
☎ +95 56 21507		
CALL: Yangon Radio		
NOTE: Station accepts Ship's Weather Reports addressed METEO YANGON.		

VHF

	Ch 16	H24
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*(Source: BA 20/18)*

*(11/18)*

**INP 31(2), 2014**

*(Last correction: Edition No. 10 dated 16 May 2018)*

**NIL**

**INP 31(5), 2017**

*(Last correction: Edition No. 10 dated 16 May 2018)*

**PAGE 159, Chapter 10, DISTRESS, SEARCH AND RESCUE, ISRAEL.**

*Delete entry and replace by:*

<b>ISRAEL</b>
National SAR Agency: JRCHEFA (Haifa) Address: POB 806, Hefa 31007 Israel Telephone: +97248632145

Fax: +972 48632117, +972 36849867 (Fax to Mail) email: rcc@mot.gov.il rcchaifa@gmail.com			
	Telephone +972	Fax +972	Others
RCC BENGURION AIRPORT (Cospas-Sarsat SPOC)	3 9756215 3 9756216 3 9756217	3 9756219	AFTN: LLBGYDYX Email: fpl@iaa.gov.il
JRCCHEFA (Haifa) (Cospas-Sarsat SPOC)	4 8632145 4 8632072 4 8632073 4 8632074 4 8632075	4 8632117 36849867 (Fax to Mail)	Inmarsat:772577926 (Telephone) Inmarsat C: 423594249 Iridium: +881623472554 email:rcc@mot.gov.il rcchaifa@gmail.com

**PAGE 163, Chapter 10, DISTRESS, SEARCH AND RESCUE, ISRAEL.***Insert entry below 'MOZAMBIQUE':*

<b>MYANMAR (BURMA)</b>			
National SAR Agency: Maritime Resque Coordination Centre (Ayeyarwady) Address: Ayeyarwady Naval Region Command, Monkey Point Street, Botahtaung Township, Yangon, Myanmar Telep[hone]: +95 31 31651, +95 9 795279576			
Search and Rescue operations are coordinated between the Myanmar navy and Airforce and the department of Civil and Aviation and Maritime Administration.			
MRCC (Ayeyarwady) Coastal Radio Stations maintain a continuous listening watch on international distress frequencies			
	Telephone +95	Fax +95	Others
MRCCAYEYARWADY	31 31651 9 795279576	1 202417	Inmarsat C:450614011Email:mrcc.yangon @mptmail.com.mm mrcc.myanmar2012@gmail.com
YANGON(RANGOON) (XYR)	56 21507		

*(Source: BA 20/18)**(11/18)***INP 31(6), 2012***(Last correction: Edition No. 04 dated 16 Feb 2018)***NIL**

## SECTION – X

### REPORTING OF NAVIGATIONAL DANGERS

#### Appeal to all Mariners

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

National Hydrographic Office  
107-A, Rajpur Road,  
Dehradun - 248001  
(UTTARAKHAND), INDIA  
e-mail: - inho@navy.gov.in, msis-inho@navy.gov.in  
Fax No.: +91-135- 2748373  
WEB: www.hydrobharat.gov.in

#### Instructions for filling up IH 102

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

#### Position Reporting

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

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

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

#### Depth Reporting

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

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

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

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

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

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

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

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

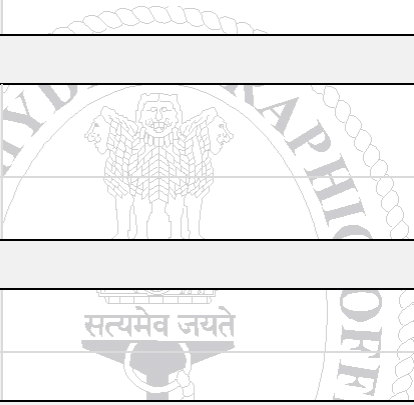



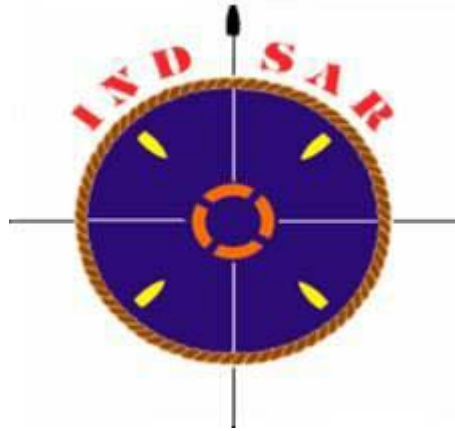
<b>HYDROGRAPHIC NOTE</b>				<b>IH.102 (Revised 2012)</b>	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object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

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



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

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



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

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

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

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

**AFTN: VABBYXYC**