

INDIAN NOTICES TO MARINERS



EDITION NO. 18 DATED 16 SEP 2015

(CONTAINS NOTICES 153 TO 159)

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

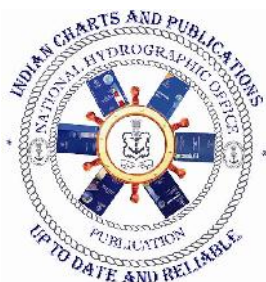
www.hydrobharat.gov.in

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 1ST & 16TH OF EVERY MONTH)

FEEDBACK: 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.

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 & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
407 (INT 7445)	31-08-2015	TEN DEGREE CHANNEL TO CHOWRA ISLAND 08° 27'.00N; 92° 26'.00E. 09° 47'.00N; 93° 18'.00E.	1,50,000	6	Rs. 1870.00
4006 (INT 7449)	15-08-2015	PORT BLAIR Limits 11° 38'.00N; 92° 39'.80E. 11° 43'.20N; 92° 48'.50E.	15,000	6	Rs. 1870.00

2. 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>
407	30-04-2003	TEN DEGREE CHANNEL TO CHOWRA ISLAND	407 (INT 7445)	31-08-2015
4006	30-06-2007	PORT BLAIR	4006 (INT 7449)	15-08-2015

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>
IN2255MU	255	APPROACHES TO MUMBAI	09-09-2015
IN3407CT	407	TEN DEGREE CHANNEL TO CHOWRA ISLAND	09-09-2015
IN54006B	4006	PORT BLAIR	09-09-2015

4. 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>
IN53010A	3010	PARADIP ANCHORAGE	09-09-2015
IN6301R	3010	PARADIP PORT	09-09-2015

5. 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>
IN2255AM	255	APPROACHES TO MUMBAI	30-03-2012
IN3407TC	407	TEN DEGREE CHANNEL TO CHOWRA ISLAND	18-02-2013
IN54006P	4006	PORT BLAIR	14-05-2008
IN44037C	4037	CHOWRA ISLAND TO TILLANCHANG	13-12-2012

6. The forthcoming Indian Chart is as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
3012 (INT 7411)	VISAKHAPATNAM HARBOUR	12,500	New Chart

VI

Availability of ENC's.

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

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: www.ukho.gov.uk	M/s Jeppesen Norway AS Hovalandsveien 52 PO Box 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: enc@jeppesen.com , info@c-map.co.no Website: www.jeppesen.com
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: - www.primar.org	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: www.iictechnologies.com



SECTION – I

The list of charts affected by the Notices 153 to 159 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	154
31	5	159 (T)
32 (INT 754)	5	159 (T)
33	5	159 (T)
209	2	153, 154
210	2	153, 154
220	3	157(T)
222	3	158 (T)
223	4	158 (T)
254 (INT 7331)	2	153, 154
259 (INT 7356)	3	157(T)
260 (INT 7362)	3	157 (T), 158 (T)
261	4	158 (T)
292 (INT 7021)	2	153, 154
308	5	159 (T)
352 (INT 7416)	5	159 (T)
354 (INT 7408)	5	159 (T)
355 (INT 7405)	5	159 (T)
357 (INT 7397)	5	159 (T)
360	7	155
391	5	159 (T)
2004 (INT 7359)	3	157(T)
2012	3	158 (T)
2026	2	154
2029 (INT 7358)	3	157(T)
8004	1	156

SECTION – II
PERMANENT NOTICES

***153 (18/15) INDIA – WEST COAST – Hazira to Umargam – Wreck.**

Source: HQWNC.

Chart 292 (INT 7021) [previous update 123/15]

Insert  PA 20° 20′.80N., 72° 45′.20E.

Chart 254 (INT 7331) [previous update 145/15]

Insert  PA 20° 20′.77N., 72° 45′.21E.

Chart 209 [previous update 111/15]


Insert  PA 20° 20′.77N., 72° 45′.21E.

Chart 210 [previous update 111/15]

Insert  PA 20° 20′.80N., 72° 45′.20E.

***154 (18/15) INDIA – WEST COAST – Daman Anchorage – Light.**

Source: DGLL/ IH-102, INS Sutlej.

Chart 21 [previous update 114/15]

Amend light to, Fl15M 20° 24′.58N., 72° 49′.84E.

Chart 292 (INT 7021) [previous update 153/15]

Amend light to, Fl15M 20° 24′.58N., 72° 49′.84E.

Chart 254 (INT 7331) [previous update 153/15]

Amend light to, Fl10s15M 20° 24′.58N., 72° 49′.84E.

Chart 209 [previous update 153/15]

Amend light to, Fl10s33m15M 20° 24′.55N., 72° 49′.85E.

Chart 210 [previous update 153/15]

Amend light to, Fl10s33m15M 20° 24′.58N., 72° 49′.84E.

Chart 2026 [previous update 137/15]


Insert  Fl10s33m15M 20° 24′.58N., 72° 49′.84E.

Delete  Fl10s35m21M
SS (Strom) 20° 24′.61N., 72° 49′.87E.

155 (18/15) BAY OF BENGAL – BANGLADESH – Pussur River to Elephant Point – Wreck.

Source: BA Notice – 3811/15.

Chart 360 [previous update 149/15]


Delete  21° 49′.80N., 90° 18′.20E.

156 (18/15) IRAN OMAN AND UNITED ARAB EMIRATES – Jask To Dubayy and Jazireh – Ye Qeshm – Wreck.

Source: BA Notice – 3975/15.

Chart 8004 [previous update 150/15]

Insert  (a) 26° 59′.80N., 56° 21′.34E.

 Fl(2)6s, close SE of,
BRB

(a) above

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***157 (T) (18/15) INDIA – WEST COAST – Kochi Harbour – Buoy.**

Source: IH-102, INS Sutlej/ IIC Technologies.

1. A yellow colour buoy with crossed top mark in position 09° 55'·01N., 76° 10'·02E is deployed off Kochi for studying siltation pattern of Kochi harbour.
2. Mariners are advised to navigate with caution in the area.

Charts Affected – 259 (INT 7356) – 260 (INT 7362) – 220 – 2029 (INT 7358) – 2004 (INT 7359).

***158 (T) (18/15) INDIA – WEST COAST – Vizhinjam Anchorage – Sea Cage Farm.**

Source: Director of Ports, Kerala.

1. A sea cage farm is deployed off Vizhinjam anchorage. The area is bounded by 08 in nos. light buoys in the following position:

- (a) 08° 20'·12N., 77° 00'·02E
- (b) 08° 20'·10N., 77° 00'·04E
- (c) 08° 20'·08N., 77° 00'·06E
- (d) 08° 20'·12N., 77° 00'·08E
- (e) 08° 20'·12N., 77° 00'·09E
- (f) 08° 20'·14N., 77° 00'·07E
- (g) 08° 20'·16N., 77° 00'·05E
- (h) 08° 20'·14N., 77° 00'·04E

2. Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

Charts Affected – 260 (INT 7362) – 261 – 222 – 223 – 2012

***159 (T) (18/15) 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.

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 100(T)//15 is cancelled.**

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, 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 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 (16th 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>JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no Site: www.c-map.no</p>	<p>C-Map US Commercial 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: info@c-map.com</p>	<p>C-Map (UK) Ltd. Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: info@c-map.co.uk</p>
<p>Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com</p>	<p>Bogerd Martin NV, Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: sales@martin.be Site: www.martin.be</p>	<p>Bogerd Martin Tianjin(China Branch) 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: charts-tj@martincn.com</p>
<p>C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl</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: www.globalcharts.com.sg	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 st 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: www.jeppesen.com
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: www.gmiindia.in
Lift O Marine Allen's Mansion, C6 Nungi Station Road, Kolkata – 700140 Mob: +91 9836972027 / 8902228463 Email: sankar@liftomarine.org / liftomarine77@gmail.com Web: www.liftomarine.org	M/s L. R. Marine Services 301, 3rd Floor, Biry 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: www.elemscharts.in	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: www.iictechnologies.com
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, zubin@aatash.com	

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.
2. NAVAREA VIII Warnings in force as on 15 Sep 15:

2014 SERIES – 676

2015 SERIES – 124 287 288 298 334 386 406 408 438 439 445 470 484 486 498 507 514 522 545
547 556 565 567 571 573 582 585 603 604 605 607 608 609 610 611 612

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

594. Andaman Sea – South Andaman. Charts 33 41 405 476 INT 71. Firing practice on Passage Island scheduled on 05 Sep from 0330 – 0530 UTC in area bounded by 11-17N 092-34E, 11-05N 092-34E, 11-05 092-48E, 11-17N 092-48E. Safe flying ht 6000 m.

2. No vessel permitted in danger area .

3. Cancel this MSG 050630 UTC Sep 15.

595. India East Coast – off Gopalpur. Charts 31 352 353 391 INT 706.

2. Army air defence firing and BPTA flight scheduled on 062330-071730, 072330-081730, 082330-091730, 092330-101730, 102330-111730, 112330-121730 UTC Sep 15.

3. 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.

4. BPTA flight in 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 1525 m.

5. No over flight and vessels permitted in danger area.

6. Cancel this MSG 121830 UTC Sep 15.

596. Cancel NAVAREA VIII 593/15 and this MSG.

597. India West Coast – off Mumbai. Charts 21 INT 71. Ile de Batz progressing S/M cable installation using ROV till 10 Sep in position 19-02.3N 072-31.6E, 19-00.1N 072-31.8E, 19-00.0N 072-14.7E, 19-01.9N 072-14.6E / 19-01.9N 072-14.6E 19-00.0N 072-15.5E, 18-49.5N 072-09.8E, 18-50.2N 072-08.1E/ 18-49.4N 072-09.8E, 18-40.1N 071-51.1E, 18-42.5N 071-49.9E, 18-51.1N 072-08.7E.

2. Wide berth of 01 NM around vessel requested.

3. Cancel this MSG 101830 Sep Utc 15.

598. India East Coast – SE off Kakinada. Charts 31 32 INT 706. Firing by naval ships scheduled on 08 and 09 Sep 15 from 0130 – 1130 UTC in area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E. Safe flying height 8000 m.

2. Cancel this MSG 091230 UTC Sep 15.

599. Cancel NAVAREA VIII 592/15. India East Coast – off Vishakhapatnam. Charts 31 308 354 INT 71. Experimental flight trial scheduled from ITR from 060230-1030, 070230-1030 UTC Sep 15 in zone bounded by 17-19.48N 083-28.48E, 17-19.48N 083-42.00E, 17-42.00N 083-42.00E, 17-42.00N 083-28.48E. Height of danger zone 5 KM.

2. No over flight and shipping permitted in danger zone.

3. Cancel this MSG 071130 UTC Sep 15.

600. Cancel NAVAREA VIII 555 & 566 (INTM 145(17/15) and this MSG.

601. NAVAREA VIII warnings in force as on 04 Sep 15.

2014 Series – 676

2015 Series – 124 287 288 298 334 386 406 408 438 439 445 470 484 486 498 507 514 522
545 547 556 557 565 567 571 573 582 585 586 594 595 597 598 599 600

(a) NAVAREA VIII warnings less than 42 days old (545/15) promulgated via SafetyNet.

(b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on www.hydrobharat.nic.in.

(c) Cancel this MSG 111000 UTC Sep 15.

602. North Indian Ocean. Charts 32 INT 71. SLFV Nishadi-02 reported adrift with 06 crew since 05 Sep 15 in vicinity 05-00N 082-00E.

2. Cancel this msg 081000 utc sep 15

603. Andaman Sea – off Havelock. Charts 41 473 INT 71. Firing practice by aircraft scheduled on 10-11, 17-18, 21 and 24 Sep 15 from 0430-0930 UTC in area bounded by 11-50N 093-40E, 11-50N 094-55E, 12-00N 093-40E, 12-00N 094-55E. Safe flying ht 5000 m.

2. Cancel this MSG 241030 UTC Sep 15.

604.	Cancel NAVAREA VIII 557. India East Coast – Bay of Bengal. Charts 31 391. Rig list correct at 081000 UTC Sep 15														
	<table> <tr> <td>ABAN II</td> <td>16-39.14N 082-22.72E</td> </tr> <tr> <td>DDKG-2</td> <td>16-21.80N 082-42.40E NEW</td> </tr> <tr> <td>GSF-140</td> <td>16-20.01N 082-19.01E</td> </tr> <tr> <td>NOBLE DUCHESS</td> <td>16-17.39N 082-10.29E</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>16-08.30N 082-05.50E</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>	ABAN II	16-39.14N 082-22.72E	DDKG-2	16-21.80N 082-42.40E NEW	GSF-140	16-20.01N 082-19.01E	NOBLE DUCHESS	16-17.39N 082-10.29E	PLATINUM EXPLORER	16-08.30N 082-05.50E	SAGAR RATNA	16-22.73N 082-01.39E	SAGAR BHUSAN	16-04.63N 081-38.16E
ABAN II	16-39.14N 082-22.72E														
DDKG-2	16-21.80N 082-42.40E NEW														
GSF-140	16-20.01N 082-19.01E														
NOBLE DUCHESS	16-17.39N 082-10.29E														
PLATINUM EXPLORER	16-08.30N 082-05.50E														
SAGAR RATNA	16-22.73N 082-01.39E														
SAGAR BHUSAN	16-04.63N 081-38.16E														
2.	Wide berth requested.														
605.	India West Coast – off Mumbai. Charts 21 INT 71. Ile de Batz will progress s/m cable installation using ROV from 10- 20 Sep15 in area 18-51.13N 072-08.66E, 18-49.44N 072-09.77E, 18-40.12N 071-51.10E, 18-42.54N 071-49.86E.														
2.	Wide berth of 01 NM around vessel requested.														
3.	Cancel this MSG 201830 UTC Sep 15.														
606.	North Indian Ocean. Charts 32 INT 71. SLFV Sagar Jaya reported adrift with crew since 08 Sep 15 in vicinity 04-34N 083-41E.														
2.	Cancel this MSG 111000 UTC Sep 15.														
607.	India West Coast – off Trivandrum. Charts 22 32 222 INT 71. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled daily from 16-18 Sep 15 from 0530-0730 UTC.														
2.	Danger zone														
	(a) Sector of radius 05 NM from Thumba between azimuth 190 and 300.														
	(b) Sector of radii 45 and 75 NM from Thumba between azimuth 220 and 260.														
3.	No over flight and shipping permitted in danger zone.														
4.	Cancel this MSG 180830 UTC Sep 15.														
608.	<u>NAVAREA VIII warnings in force as on 11 Sep 15</u>														
	<u>2014 series</u> – 676														
	<u>2015 series</u> – 124 287 288 298 334 386 406 408 438 439 445 470 484 486 498 507 514 522 545 547 556 565 567 571 573 582 585 595 603 604 605 607														
	(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 www.hydrobharat.nic.in .														
	(c) Cancel this MSG 181000 UTC Sep 15.														
609.	India West Coast – off Kochi. Charts 22 273 INT 71. Firing by CG ship scheduled on 18 Sep15 from 0930-1330 UTC in area bounded by 09-52N 074-15E, 09-31N 074-15E, 09-31N 073-56E, 09-52N 073-56E.														
2.	Cancel this MSG 181430 UTC Sep 15.														
610.	North Indian Ocean. Chart INT 71. SLFV Nevin Putha reported adrift with crew since 12 Sep 15 in vicinity 05-08N 083-20E.														
2.	Cancel this MSG 151000 UTC Sep 15.														
611.	Indian West Coast – Gulf of Khambhat. Charts 21 210 254 292 INT 71. Firing practice by CG aircraft scheduled on 17 Sep 15 from 0230-1130 UTC in area bounded by 20-18.5N 072-02.5E, 20-18.5N 072-15.0E, 20-09.5N 072-12.0E, 20-09.5N 072-00.0E. Safe flying ht 1600 m.														
2.	Cancel this MSG 171230 UTC Sep 15.														
612.	Sri Lanka West Coast – Lakshadweep Sea. Charts 23 INT 71. Sri Lankan fishing vessel Dilip-01 reported abandoned in sinking condition in position 06-44N 079-07E.														

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7297.53	-- Irq ar Riyah.	28 12.85 N 33 36.33 E *	Oc G	Wreck	
D7318.2	Quryat. S Breakwater. Head	23 15.97 N 58 55.81 E	Iso R 4s	7	4	Red metal post 3	*
D7318.22	- N Breakwater. Head.	23 16.09 N 58 55.87 E	Iso G 4s	7	4	Green metal post 3	*
D7335.5	- Keshal	26 23.66 N 56 24.74 E	Fl(2)W 5s	3	5	⊗ on black beacon, red band	TE 2015 *
JABAL AZ ZANNAH APPROACH							
D7365.7	- Jazirat Zarakkuh Westward	24 54.07 N 53 01.88 E *	Lit	..	10	Platform	*
D7365.9	- Jazirat Zarakkuh Westward	24 53.81 N 53 01.78 E *	Lit	..	10	Platform	*
D7599.4	----	29 21.35 N 47 56.01 E *	F G	Berthing dolphin	
D7709.8	- Shahid Haghani	27 10.17 N 56 16.68 E *	Fl(2)W 6s	..	5	⊗ on black beacon, red band	Isolated danger mark
F0484	- DAMAN. Damanganga River. S side	20 24.58 N 72 49.84 E *	Fl W 10s	33	15	White circular concrete tower, black bands 31	*
F1558.9	- Pulau Tukun Perak (Fairway Rock)	04 07.62 N 100 33.62 E *	Fl W 8s	..	10	*	
F1562.6	-- Jetty. W end	04 14.20 N 100 37.05 E *	F Y	7	4	Dolphin	TE 2015 *
F1562.8	-- E dolphin	04 14.10 N 100 37.17 E *	F Y	7	4	Dolphin	
F1627	Kuala Linggi. Outer Beacon	02 21.98 N 101 57.07 E	Fl(2)W 10s	8 *	5	White round concrete beacon	*
K0827.7	Home Island. Approaches	12 06.98 S 96 53.34 E	Q G	△ on beacon	*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

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

NIL

INP 31(2), 2014

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

NIL

INP 31(5), 2011

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

NIL

INP 31(6), 2012

(Last correction: Edition No. 11 dated 01 Jan 2015)

NIL

SECTION – IX
CORRECTIONS TO MISCELLANEOUS NAUTICAL PUBLICATIONS

Indian Notices to Mariners, Special Edition-2012
Special Notice No. 9 (Page 112)
(Source: Naval Hydrographic Centre, Myanmar Navy)

FIRING PRACTICE AREAS, Para 20
Insert entry after Off Passage Island

20a. **Off Rakhine Coast (Churk Rock)**

- a) 17° 39'.50 N, 094° 25'.00 E
- b) 17° 15'.50 N, 094° 25'.00 E
- c) 17° 15'.50 N, 094° 07'.30 E
- d) 17° 39'.50 N, 094° 07'.30 E

20b. **Off Tanintharvi Coast (Freak Island)**

- a) 12° 46'.00 N, 098° 05'.50 E
- b) 12° 36'.00 N, 098° 05'.50 E
- c) 12° 36'.00 N, 097° 41'.00 E
- d) 12° 46'.00 N, 097° 41'.00 E

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@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.

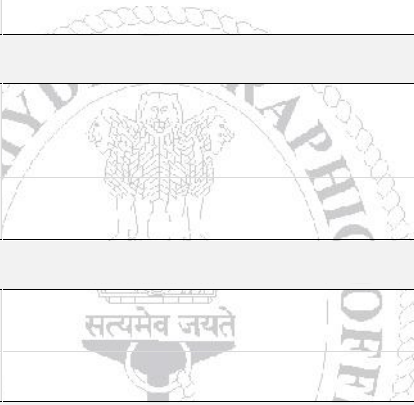
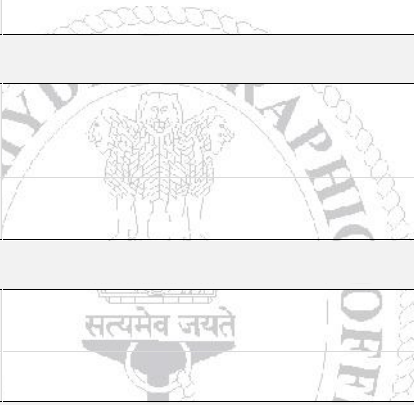
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication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

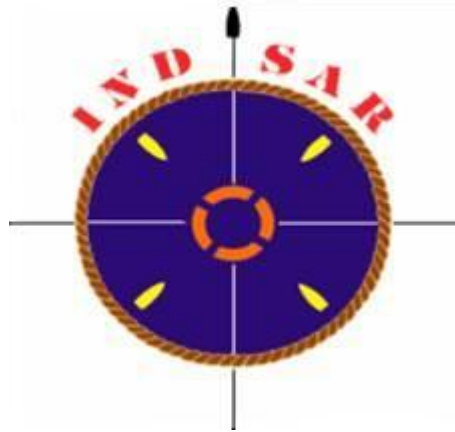


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes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

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

7. TUGS (Continued)	
Requesting authority	
Availability timing / Communication	
Hiring charges	
8. BERTHING AND WHARVES	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
9. CARGO HANDLING	
Containers	
Lighters & Ro-Ro etc.	
10. CRANES	
Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	
Container handling facilities	
11. BRIDGES	
Vertical clearance	
12. REPAIRS	
Hull machinery and underwater	
Ship and Boat yards	
Docking or Slipway facilities (Size/ Dimensions of vessels handled)	
Hards and Ramps	
Divers / Diving assistance	
13. SERVICES	
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	

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: indsar@vsnl.net

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC