



INDIAN NOTICES TO MARINERS



EDITION NO. 24 DATED 16 DEC 2018

(CONTAINS NOTICES 182 TO 185)

REACH US 24 x 7



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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC'S AND PUBLICATION

1. The new Indian 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>
IN132KTV	32	KOCHI (COCHIN) TO VISAKAPATNAM	11-12-2018
IN2358PY	358	APPROACHES TO PALK BAY	10-12-2018

2. The new edition Indian Electronic Navigational Chart that is available for mariners in the market is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN53005B	3005	GOPALPUR PORT	12-12-2018

3. 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>
IN132KVP	32	KOCHI (COCHIN) TO VISAKAPATNAM	14-12-2015
IN2358PB	358	APPROACHES TO PALK BAY	09-09-2016
IN53005B	3005	GOPALPUR PORT	13-07-2015

4. The forthcoming Indian Chart is as follows: सत्यमेव जयते

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2529	ROUND AND GABRIEL ISLAND	50,000	New Chart

Availability of ENC'S

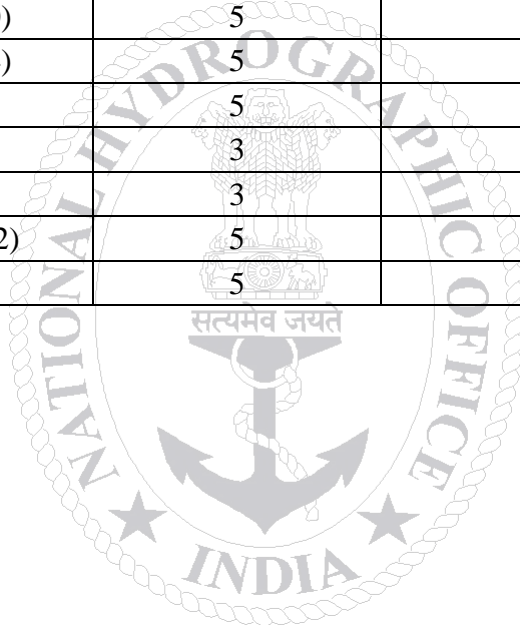
The complete folios of Official Indian ENC'S are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC'S through the world wide network of their agents and distributors. Updates are also made available as per the existing 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 Web site: www.hydro.gov.uk	C-MAP Norway AS Nyaskaiveien 2, 4379 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: enc@c-map.com , info@c-map.co.no Website: www.c-map.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 Telangana 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 182 to 185 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	183
32 (INT 754)	5	183, 184, 185
33 (INT 755)	5	185
215	3	182
216	4	182
220	4	183
259 (INT 7356)	4	183
260 (INT 7362)	4	183
313	5	185
317	5	184
356 (INT 7400)	5	185
358 (INT 7394)	5	184
391	5	185
2008	3	182
2353	3	182
3001 (INT 7402)	5	185
3039	5	185



SECTION – II**PERMANENT NOTICES**

*182 (24/18) INDIA – WEST COAST – Approaches To karwar – Dumping ground and legend.

Source: DDGPI, Karwar.

Chart 215 [previous update 171/18]

Insert Limit of dumping ground, -----, joining (a) 14° 44′.54N., 74° 02′.03E.
 (b) 14° 42′.07N., 74° 02′.03E.
 (c) 14° 42′.07N., 74° 04′.54E.
 (d) 14° 44′.54N., 74° 04′.54E.
 (a) above

Legend “Dumping Ground” centered on 14° 43′.60N., 74° 03′.30E.

Chart 216 [previous update NC 15 Jun 18]

Insert Limit of dumping ground, -----, joining (a) 14° 44′.54N., 74° 02′.03E.
 (b) 14° 42′.07N., 74° 02′.03E.
 (c) 14° 42′.07N., 74° 04′.54E.
 (d) 14° 44′.54N., 74° 04′.54E.
 (a) above

Legend “Dumping Ground” centered on 14° 43′.30N., 74° 03′.30E.

Chart 2353 [previous update 100/18]

Insert Limit of dumping ground, -----, joining (a) 14° 44′.54N., 74° 02′.03E.
 (b) 14° 42′.07N., 74° 02′.03E.
 (c) 14° 42′.07N., 74° 04′.54E.
 (d) 14° 44′.54N., 74° 04′.54E.
 (a) above

Legend “Dumping Ground” centered on 14° 43′.40N., 74° 03′.30E.


Chart 2008 [previous update 100/18]

Insert Limit of dumping ground, -----, joining (a) 14° 43′.30N., 74° 02′.03E.(S border)
 (b) 14° 44′.54N., 74° 02′.03E.
 (c) 14° 44′.54N., 74° 04′.54E.
 (d) 14° 43′.30N., 74° 04′.54E.(S border)

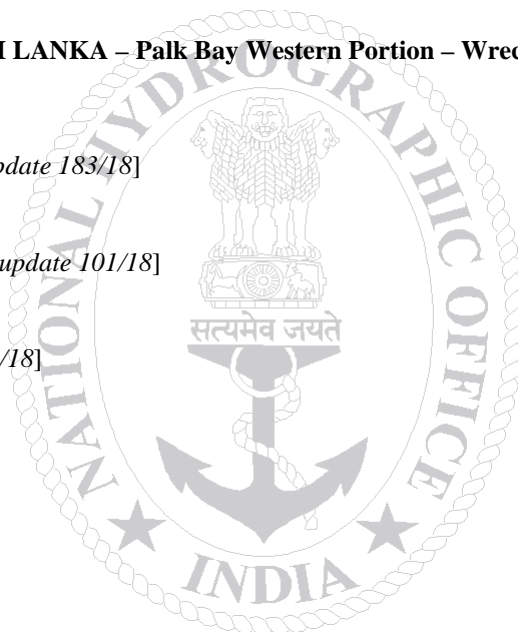
Legend “Dumping Ground” centered on 14° 44′.05N., 74° 03′.30E.

***183 (24/18) INDIA – WEST COAST – Tanur Nagaram to Manakkodam – Wreck.**

Source: CGRHQ (West)/DSO.

Chart 22(INT 752) [previous update 170/18]Insert  09° 40′.35N., 76° 14′.19E.**Chart 32(INT 754)** [previous update 157/18]Insert  09° 40′.35N., 76° 14′.19E.**Chart 259(INT 7356)** [previous update 170/18]Insert  09° 40′.35N., 76° 14′.19E.**Chart 260(INT 7362)** [previous update 156/18]Insert  09° 40′.26N., 76° 14′.24E.**Chart 220** [previous update 170/18]Insert  09° 40′.35N., 76° 14′.19E.***184 (24/18) INDIA AND SRI LANKA – Palk Bay Western Portion – Wreck.**

Source: IH-102, ICGS Ameya.

Chart 32(INT 754) [previous update 183/18]Insert  09° 38′.28N., 79° 21′.30E.**Chart 358(INT 7394)**[previous update 101/18]Insert  09° 38′.27N., 79° 21′.42E.**Chart 317** [previous update 161/18]Insert  09° 38′.19N., 79° 21′.22E.

SECTION – III**TEMPORARY AND PRELIMINARY NOTICES**

***185 (P) (24/18) INDIA – EAST COAST – Kattupalli Port – Construction Work.**

Source: Adani Kattupalli Port Pvt Ltd.

1. Berth no. B-3 is under construction bounded by the following coordinates:-

Sl. No.	Position
(a)	13° 18′.75N., 080° 21′.19E.
(b)	13° 18′.78N., 080° 21′.20E.
(c)	13° 18′.82N., 080° 21′.05E.
(d)	13° 18′.79N., 080° 21′.04E.

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

Charts affected – 32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 313 – 3001 (INT 7402) – 3039.



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:-

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
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, 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.

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(01st 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.

8. **ADVISORY FOR ALL VESSELS NAVIGATING INDIAN WATERS**

(a) All vessels navigating in Indian waters are cautioned to keep a sharp look-out for fishing vessels and small crafts, as there have been several incidents of collisions with such vessels in the past resulting in loss of innocent lives as well as damage to property.

(b) It is further cautioned that all vessels need to exercise extreme care while navigating during hours of darkness as such vessels are generally of primitive built (wood/fibre/etc) due to which it may not be detected on ship's radar, especially during adverse weather conditions. Also, such vessels may not be properly lit, or sometimes, only one vessel may be lit among multiple vessels in a cluster.

(c) The general areas of concern on the west coast of India are the areas of convergence and divergence of traffic, mainly between Mangalore to Kanyakumari (Cape Comorin). Further, in these areas, additional caution needs to be exercised and wide berth be given to all such vessels.

(d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.



List of Indian Chart Agents

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Insrtuments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 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: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p>	<p>M/s Global Marine Infratech Pvt. Ltd. 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: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s JM Maritime Services 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 : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>L. R. Marine Services 301, 3rd Floor, Biry 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: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Lift o Marine Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com sanjeev.sharma@iictechnologies.com Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</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 – 2016.

2. NAVAREA VIII Warnings in force as on 15Dec18:

2017 SERIES – 305 345 394 493685 762 814 829 866
2018 SERIES – 047 222 312 341 343 348 372 375 418 428 471 481 542 550 562 567 604 625 661
722 746 758 767 773 777 799 801 815 816 818 824 826 829 830 835 840 843 844 845 846 848
849 850 851 852 853 854 855 856 857 858 859 860 861

3. NAVAREA VIII Warnings issued during the period from 01Dec18to 15Dec18(both dates inclusive) are as tabulated below:–

819. South Bay of Bengal. Charts IN 33 INT 71. Capsized fishing trawler reported 06-00N 084-44E at 292230 UTC Nov 18. 2. Cancel this MSG 032230 UTC Dec 18.
820. Andaman Sea – off Havelock. Charts IN 4015 INT 71. INS Investigator progressing hydrographic survey in area bounded within 11-59N to 12-02.8N and 092-52E to 092-54.5E. Wide berth of 03 M from ship and survey boats requested. 2. Cancel this MSG 121830 UTC Dec 18.
821. Andaman Sea – off Barren. Charts IN 41 473 INT 71. Firing practice by CG aircraft scheduled on 06, 07 Dec 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 071030 UTC Dec 18.
822. India West Coast – off Porbandar. Charts IN 204 252 2040 INT 71. Firing by CG ships scheduled on 05 Dec 18 from 0330-1730 UTC in danger area bounded by 21-45N 069-08E, 21-28N 069-30E, 21-28N 069-45E, 21-45N 069-25E. 2. Cancel this MSG 051830 UTC Dec 18.
823. India West Coast. Charts IN 222 223 261 INT 71. MuttamPt(08-07N 077-19E) NAVTEX transmitter inoperative.
824. Andaman Sea – off Myanmar. Charts IN 41 BA 824 INT 71. Seismic vessel Polar Duchess progressing survey in area bounded by 13-27.90N 096-20.41E,13-28.26N 096-59.19E, 13-01.58N 096-59.42E, 12-56.06N 097-22.28E, 12-35.59N 097-22.41E, 12-33.56N 097-10.62E, 12-10.89N 097-10.83E, 12-10.50N 096-21.22E. 2. Vessel towing 10 cables of 8100 metres each. Wide berth requested. 3. Cancel this MSG 201830 UTC Jan 19.
825. IMO, IHO, WMO inform maritime community of the planned INMARSAT I-3 to I-4 satellite migration in Indian ocean region on 12 Dec 18. 2. For further details of migration plan and new satellite footprints consult INMARSAT at https://www.inmarsat.com/i3-i4-services-migration 3. Cancel NAVAREA VIII MSG 794.
826. Lakshadweep Sea - Chenyakara I. Charts IN 268 INT 71. Racon (10-02N 072-17E) inoperative.
827. Cancel NAVAREA VIII MSG 804/18 and this MSG.
828. Ne Indian Ocean and Bay of Bengal. Charts IN 31 33 351 INT 71. Experimental flight trial scheduled from ITR on 10, 11 Dec 18 from 0500-0800 UTC in danger zone bounded by 20-48.36N 087-02.58E, 19-03.39N 086-26.3E, 02-44.41N 085-32.76E, 03-14.68N 091-40.44E, 19-11.29N 088-02.33E, 20-48.76N 087-07.4E. 2. Cancel this MSG 110900 UTC Dec 18.
829. India West Coast - off Beypore. Charts IN 219 INT 71.INS Sutlej progressing hydrographic survey in area bounded within 11-05N to 11-31.6N and 075-31E to 075-48.4E. Wide berth from ship and survey boats requested. 2. Cancel this MSG 301830 UTC Dec 18.
830. Andaman Sea – Revrillo Channel. Charts IN 408 INT 71. INS Nirupak progressing hydrographic survey in area bounded within 07-50.3N to 08-03.6N and 093-23.3E to 093-32E. Wide berth from ship and survey boats requested. 2. Cancel this MSG 251830 UTC Dec 18.
831. NAVAREA VIII warnings in force as on 07 Dec 18:- 2017 Series – 305 345 394 493 685 762 814 829 866 2018 Series - 047 222 312 341 343 348 372 375 418 428 471 481 542 550 562 567 604 625 661 674 722 736 746 758 767 773 777 799 801 802 803 811 814 815 816 818 820 823 824 825 826 828 829 830 (A) NAVAREA VIII warnings less than 42 days promulgated via Safetynet. (B) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 141830 UTC Dec 18.

832.	Lakshadweep Sea – off Cape Comorin. Charts IN 263 INT 71. SLFV Raveena Duwal reported adrift 07-22N 077-57E at 070600 UTC Dec 18. 2. Cancel this MSG 100600 UTC Dec 18.																																																
833.	Cancel NAVAREA VIII MSG 823/18 and this MSG.																																																
834.	NE Indian Ocean and Bay of Bengal. Charts IN 31 33 351 INT 71. Experimental flight trial scheduled from ITR on 10 Dec 18 from 0730-1030 UTC and 11 Dec 18 from 0030-0330 UTC in danger zone bounded by 20-48.36N 087-02.58E, 19-03.39N 086-26.3E, 02-44.41N 085-32.76E, 03-14.68N 091-40.44E, 19-11.29N 088-02.33E, 20-48.76N 087-07.4E. 2. Cancel NAVAREA VIII MSG 828/18 and this MSG 110430 UTC Dec 18.																																																
835.	India East Coast – off Gopalpur. Charts IN 31 352 353 3005 INT 71. Army Air Defence Firing and BPTA Flight scheduled on 13,14,15,16,17,18,19,20,21,22,24, 26,27,28,29 Dec 18 from 0130 to 0830 and 0930 to 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 291530 UTC Dec 18.																																																
836.	Lakshadweep Sea – off Minicoy. Charts IN 273 INT 71. SLFV ChutiImaya reported adrift 07-53N 074-16E at 100330 UTC Dec 18. 2. Cancel this MSG 130330 UTC Dec 18.																																																
837.	Cancel NAVAREA VIII MSG 834/18 and this MSG.																																																
838.	India East Coast – off Kakinada. Charts IN 31 32 INT 71. Firing by Naval Ships scheduled on 15 Dec 18 from 0001 to 1230 UTC in danger area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E. 2. Cancel this MSG 151330 UTC Dec 18.																																																
839.	Central Lakshadweep Sea. Charts IN 261 INT 71. SLFV ChutiImaya reported adrift 07-52N 074-34E at 110145 UTC Dec 18. 2. Cancel NAVAREA VIII MSG 836/18 and this MSG 140145 UTC Dec 18.																																																
840.	Andaman Sea – off Port Blair. Charts IN 41 404 473 4016 INT 71. Firing practice scheduled on 15 and 16 Dec 18 from 0530 to 0730 UTC in danger area bounded by 11-36.5N 092-45.4E, 11-36.02N 092-46E, 11-35.2N 092-45.4E, 11-36N 092-44.59E. 2. Cancel this MSG 160830 UTC Dec 18.																																																
841.	Cancel NAVAREA VIII MSG 825/18 and this MSG.																																																
842.	India West Coast. Charts IN 21 251 254 255 292 INT 71. Rig list:- <table border="0" style="width: 100%;"> <tr><td>ACTINIA</td><td>19-19.57N 071-01.61E</td></tr> <tr><td>CE THORNTON</td><td>18-35.38N 072-17.46E</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</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>19-10.80N 070-59.01E</td></tr> <tr><td>JINDAL STAR</td><td>20-14.88N 071-57.76E</td></tr> <tr><td>JINDAL SUPREME</td><td>19-14.58N 072-14.66E</td></tr> <tr><td>JT ANGEL</td><td>19-35.30N 071-38.70E</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 KIRAN</td><td>19-58.41N 072-24.11E New</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>19-19.47N 071-12.06E New</td></tr> <tr><td>TRIDENT XII</td><td>18-44.96N 072-20.01E</td></tr> <tr><td>VALIANT DRILLER</td><td>19-33.05N 071-40.12E</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</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 803.	ACTINIA	19-19.57N 071-01.61E	CE THORNTON	18-35.38N 072-17.46E	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	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	19-10.80N 070-59.01E	JINDAL STAR	20-14.88N 071-57.76E	JINDAL SUPREME	19-14.58N 072-14.66E	JT ANGEL	19-35.30N 071-38.70E	PARAMESWARA	22-55.80N 068-21.48E	SAGAR GAURAV	19-35.93N 070-57.18E	SAGAR KIRAN	19-58.41N 072-24.11E New	SAGAR SHAKTI	19-15.95N 070-56.47E	SAGAR UDAY	19-08.42N 070-53.87E	TRIDENT II	19-19.47N 071-12.06E New	TRIDENT XII	18-44.96N 072-20.01E	VALIANT DRILLER	19-33.05N 071-40.12E	VICTORY DRILLER	19-28.70N 071-46.66E	VIRTUE-I	19-15.20N 072-02.17E	VIVEKANANDA1	18-36.12N 071-01.59E	VIVEKANANDA2	19-11.05N 072-11.20E
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VIVEKANANDA2	19-11.05N 072-11.20E																																																
843.	India East Coast – off Paradip. Charts IN 31 351 352 INT 71. Experimental Flight Trial scheduled from ITR on 17 and 18 Dec 18 from 0230 to 0630 UTC in danger zone bounded by 20-47.59N 087-01.83E, 20-33.58N 086-58.09E, 17-08.51N 087-05.29E, 17-58.23N 089-30.88E, 20-40.68N 087-18.82E, 20-49.15N 087-06.38E. 2. Cancel this MSG 180730 UTC Dec 18.																																																
844.	India East Coast – off Gopalpur. Charts IN 352 INT 71. SV SamudraKaustubh progressing survey in area bounded by 19-35.34N to 19-37.48N and 085-34.99E to 085-41.8E. Wide berth requested. 2. Cancel this MSG 311830 UTC Dec 18.																																																

845.	Andaman Sea – off Great Nicobar. Charts IN 33 471 INT 71. SV SamudraRatnakar progressing seismic survey in area bounded by 06-35.81N 090-06.97E, 06-35.48N 093-41.43E, 07-00.16N 093-28.19E, 07-36.72N 093-28.74E, 07-36.52N 89-43.87E. Vessel towing cable of 03 KM marked with Tail Buoy FL R LT. Wide berth requested.
2.	Cancel this MSG 051830 UTC Jan 19.
846.	India East Coast. Charts IN 31 355 356 357 INT 71. Rig list:-
	ABAN II 16-39.01N 082-22.73E
	DEEP DRILLER8 16-40.09N 082-25.43E
	DSR DDKG1 16-11.96N 082-35.00E
	ESSAR WILDCAT 16-15.79N 082-09.07E
	JACK BATES 16-25.70N 082-23.43E
	SSV LOUISIANA 16-19.30N 082-21.70E
	OLINDA STAR 16-16.59N 082-16.36E
	DSR PLATINUM EXPLORER 16-18.79N 082-17.81E
	SAGAR RATNA 15-21.91N 080-31.91E
	SAGAR VIJAY 16-28.32N 082-22.34E
	WEST TELESTO 17-01.00N 082-25.00E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 802.
847.	India West Coast. Charts IN 21 251 254 255 292 INT 71. Rig list:-
	ACTINIA 19-19.57N 071-01.61E
	CE THORNTON 18-35.38N 072-17.46E
	DEEP SEA MATDRILL 19-39.98N 071-35.75E
	FG MCCLINTOCK 19-24.01N 071-15.55E New
	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 19-10.80N 070-59.01E
	JINDAL STAR 20-14.88N 071-57.76E
	JINDAL SUPREME 19-14.58N 072-14.66E
	JT ANGEL 19-35.30N 071-38.70E
	PARAMESWARA 22-55.80N 068-21.48E
	SAGAR GAURAV 19-35.93N 070-57.18E
	SAGAR KIRAN 19-58.41N 072-24.11E
	SAGAR SHAKTI 19-15.95N 070-56.47E
	SAGAR UDAY 19-08.42N 070-53.87E
	TRIDENT II 19-19.47N 071-12.06E
	TRIDENT XII 18-44.96N 072-20.01E
	VALIANT DRILLER 19-33.05N 071-40.12E
	VICTORY DRILLER 19-28.70N 071-46.66E
	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 842
848.	India West Coast – off Hazira. Charts IN 208 209 INT 71. Tug Coastal Rambler progressing survey in vicinity of 21-04N 072-25E and 20-58.5N 072-28E. Wide berth requested.
2.	Cancel this MSG 031830 Jan 19.
849.	India West Coast – Kochi. Charts IN 220 2029 INT 71. Firing by Navy scheduled on:-
	Date Time (UTC)
	18 Dec 18 0900-1200
	21 Dec 18 0900-1200 and 1230-1430
	28 Dec 18 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 281530 UTC Dec 18.
850.	India East Coast- Vishakhapatnam. Charts IN 308 3002 INT 71. Firing by Naval Coast Battery scheduled on 19 Dec 18 from 0001 to 0130 UTC in danger sector extending upto 17 NM between bearing 070 and 130 from 17-42N 083-18E.
2.	Cancel this MSG 190230 UTC Dec 18.
851.	South Indian Ocean. Charts INT 70 71. Fallout Hazard predicted from rocket Soyous VS20 daily from 18 Dec 18 to 17 Jan 19 from 1855 - 2012 UTC in area bounded by 41-18S 085-06E, 17-54S 091-30E, 18-06S 092-24E, 41-30S 085-48E.
2.	Cancel this MSG 172115 UTC Jan 19.
852.	Andaman Sea – off Barren. Charts IN 41 473 INT 71. Firing by CG Aircraft scheduled on 19, 20, 26, 27 Dec 18

852. Continued. from 0430 to 0930 UTC in danger area bounded within 11-50N to 12-00N and 093-40E TO 094-10E. 2. Cancel this MSG 271030 UTC Dec 18.
853. Central Bay of Bengal and Andaman Sea. Charts IN 33 41 471 INT 71. GSLV launch scheduled from 19 to 21 Dec 18 from 1030 to 1430 UTC from 13-43.2N 080-13.8E. 2. Danger Zone as follows:- Zone -1: Circle of 10 NM around launcher Zone-2: 12-50N 085-40E, 12-50N 085-00E, 12-20N 086-20E, 11-35N 086-10E Zone-3: 10-55N 088-35E, 11-40N 088-45E, 11-05N 090-30E, 10-25N 090-20E Zone-4: 08-10N 095-10E, 09-50N 095-10E, 09-50N 096-05E, 08-10N 096-05E 3. Cancel this MSG 211530 UTC Dec 18.
854. India West Coast. Charts IN 21 251 254 255 292 INT 71.Rig list:- ACTINIA 19-27.04N 071-01.19E New CE THORNTON 18-35.38N 072-17.46E DEEP SEA MATDRILL 19-39.98N 071-35.75E FG MCCLINTOCK 19-24.01N 071-15.55E 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 19-10.80N 070-59.01E JINDAL STAR 20-14.88N 071-57.76E JINDAL SUPREME 19-14.58N 072-14.66E JT ANGEL 19-35.30N 071-38.70E PARAMESWARA 22-55.80N 068-21.48E SAGAR GAURAV 19-35.93N 070-57.18E SAGAR KIRAN 19-58.41N 072-24.11E SAGAR SHAKTI 19-15.95N 070-56.47E SAGAR UDAY 19-08.42N 070-53.87E TRIDENT II 19-19.47N 071-12.06E TRIDENT XII 18-44.96N 072-20.01E VALIANT DRILLER 19-33.05N 071-40.12E VICTORY DRILLER 19-28.70N 071-46.66E 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 847.
855. India West Coast – off Okha to Mumbai. Charts IN 202 292 INT 71. GTV SamudraSarvekshak progressing soil coring at 22-24.37N 068-36.28E, 22-20.93N 068-27.08E, 18-39.23N 070-59.67E, 18-40.22N 070-57.51E, 19-34.57N 071-50.12E. Wide berth requested. 2. Cancel this MSG 041830 UTC Jan 19.
856. India West Coast – Gulf of Khambhat. Charts IN 254 INT 71. Tug Ferrari and Vijay progressing geophysical survey in area bounded by 20-48.02N 071-41.86E, 20-40.17N 071-45.1E, 20-40.86N 071-46.01E, 20-44.23N 071-48.21E, 20-48.55N 071-48.33E, 20-51.22N 071-47.01E. Wide berth requested. 2. Cancel this MSG 151830 Jan 19.
857. India West Coast – off Mumbai. Charts IN 254 INT 71. SV Pacific Finder along with OSV Havila Fortune and Tug Meo Sovereign2 will progress seismic survey from 16 Dec 18 in area bounded by 18-35.26N 070-50.74E, 18-41.72N 071-08.93E, 18-29.15N 071-08.95E, 18-26N 071-00.08E. Vessel towing 130 metres cable. Wide berth requested. 2. Cancel this MSG 141830 Jan 19.
858. NAVAREA VIII warnings in force as on 14 Dec 18:- 2017 Series – 305 345 394 493 685 762 814 829 866 2018 Series – 047 222 312 341 343 348 372 375 418 428 471 481 542 550 562 567 604 625 661 722 746 758 767 773 777 799 801 815 816 818 824 826 829 830 835 838 840 843 844 845 846 848 849 850 851 852 853 854 855 856 857 (A) NAVAREA VIII warnings less than 42 days promulgated via Safetynet. (B) Text of NAVAREA VIII warnings in force including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 211830 UTC Dec 18.
859. Lakshadweep Sea - off Galle. Charts IN 32 INT 71. SLFV Pramod Putha2 reported adrift 04-58N 078-13E at 141400 UTC Dec 18. 2. Cancel this MSG 171400 UTC Dec 18.
860. Indian Ocean - off Port Louis. Chart BA 712 INT 71. INS Sarvekshak progressing hydrographic survey in area bounded within 19-33S to 20-40S and 057-08E to 057-55E. Wide berth requested.

860. Continued.
2. Cancel this MSG 301830 UTC Dec 18.
861. India West Coast - off Mumbai. Charts IN 211 255 INT 71. Fishing Boat Jai Kodiyar Maa 18.4X5.6 metres reported sunk 19-06.04N 072-25E.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 15 dated 01 Aug2018)

NIL

INP 31(2), 2014

(Last correction: Edition No. 21 dated 01 Nov2018)

NIL

NP 31(5), 2017

(Last correction: Edition No. 23 dated 1Dec2018)

INP 31(6), 2012

(Last correction: Edition No. 19 dated 01 Oct2018)

PAGES 4 &5 BANGLADESH, CHITTAGONG

Delete entry and replace by:

CHITTAGONG

22°14'N 91°49'E

UNCTAD LOCODE: BD CGP

Pilots

CONTACT DETAILS:

Chittagong Pilots

Call: Port Radio Control

VHF Channel: Ch 12 16

Telephone: +880 31 2510839

+880 31 2510854

+880 31 726916

E-mail: oac@cpa.gov.bd

hm@cpa.gov.bd

Website: www.cpa.gov.bd

HOURS: H24

PROCEDURE:

(1) **Pilotage is compulsory** for all vessels of 200 GT and over inward –bound/ outward-bound of Karnaphuli River and is available HW only.

(2) Pilotage is highly recommended for vessel having a draught of more than 9.5m that intent to anchor at A or B anchorages.

(3) Pilotage is recommended for other vessel maneuvering within the Chittagong outer anchorages area.

(4) **Notice of ETA:** Vessel should call on VHF Ch 16 and report ETA when 12nautical miles from the port.

8.2

- (5) Vessel should arrive at the pilot boarding ground at least 3h before daylight HW.
(6) Vessel due to enter in the next 24h period should anchor in the relevant anchorage and keep watch on VHF from at least 3h before Pilot boarding time.
(7) **Pilot boards** in position 22° 11' .90N 91° 46' .85E (Karnaphuli Channel).

Port

Call: Port Radio Control
VHF Channel: Ch 16; 12
RT Channel(kHz): 2182
Telephone: +880 31 2522200-29 (Switchboard)
Fax: +880 31 2510889
E-mail: info@cpa.gov.bd
Website: www. cpa.gov.bd

Deputy Conservator

Telephone: +880 31 2510842
E-mail: dc@cpa.gov.bd

HrMr

Telephone: +880 31 2510839
E-mail: hm@cpa.gov.bd

Dock Master

Telephone: +880 31 2510854
E-mail: dm@cpa.gov.bd

NOTE:

The Port Authority has introduced measures to protect vessels in the port from acts of piracy or armed robbery. Vessels are advised to report any attack immediately to the Port radio Control on VHF Ch 12. Attention is also drawn to the COMMERCIAL OPERATIONS Piracy section in The Mariners Handbook (NP 100)

(Source: BA 48/18) (24/18)

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

10. Changes to Port information should be forwarded on Form IH.102A together with form IH.102. Form 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.

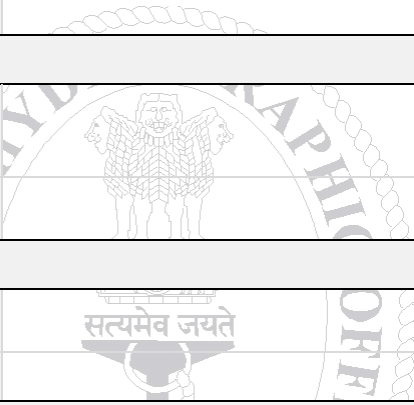

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further,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

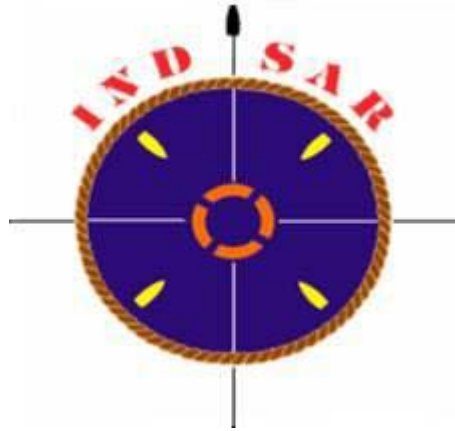


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object of Changes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

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