



INDIAN NOTICES TO MARINERS



EDITION NO. 23 DATED 01 DEC 2018

(CONTAINS NOTICES 178 TO 181)

REACH US 24 x 7



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

FEEDBACK: msis-inho@navy.gov.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

1. The new Indian Chart that is available for mariners in the market is 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>
308 (INT 7409)	31-10-2018	OUTER APPROACHES TO VISAKHAPATNAM LIMIT 17° 17'.00N; 82° 43'.00E. 18° 08'.20N; 84° 08'.00E.	1,50,000	5	Rs. 1950.00

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
NIL					

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
308	15-01-2003	OUTER APPROACHES TO VISAKHAPATNAM	308(INT 7409)	31-10-2018

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3308OV	308	OUTER APPROACHES TO VISAKHAPATNAM	27-11-2018
IN52027N	2027	ROZI ANCHORAGE	20-11-2018

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
NIL			

6. The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3308AV	308	OUTER APPROACHES TO VISAKHAPATNAM	28-11-2016
IN52027P	2027	ROZI ANCHORAGE	31-01-2013

7. The forthcoming Indian Chart is as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2529	ROUND AND GABRIEL ISLAND	50,000	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 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 178 to 181 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
2004 (INT 7359)	4	181
2018 (INT 7321)	2	178
2059 (INT 7322)	2	178
2074	3	179
2080	2	178
3005	5	180



SECTION – II**PERMANENT NOTICES*****178 (23/18) INDIA – WEST COAST – Kandla Sogal Channel – Buoys.**

Source: Deendayal (Kandla) Port Trust.

Chart 2080 [previous update 166/18]

Move  *Fl.G.8s* from 22° 55'·29N., 70° 13'·20E.
No 7
 to 22° 55'·33N., 70° 13'·24E.

Chart 2018 (INT 7321) [previous update 166/18]

Move  *Fl.G.8s* from 22° 55'·29N., 70° 13'·20E.
No 7
 to 22° 55'·33N., 70° 13'·24E.
 *Fl.G.4s* from 23° 00'·65N., 70° 13'·86E.
No 17
 to 23° 00'·70N., 70° 13'·91E.

Chart 2059 (INT 7322) [previous update NE 31 Oct 16]

Move  *Fl.G.8s* from 22° 55'·29N., 70° 13'·20E.
No 7
 to 22° 55'·33N., 70° 13'·24E.

Chart 2059 (INT 7322) (Plan) [previous update NE 31 Oct 16]

Move  *Fl.G.4s* from 23° 00'·65N., 70° 13'·86E.
No 17
 to 23° 00'·70N., 70° 13'·91E.

***179 (23/18) INDIA – WEST COAST – Pawas Bay – Ranpar Port – Fairway Buoy.**

Source: Ratnagiri Port, Ranpar.

Chart 2074 (Pawas Bay – Ranpar Port) [previous update NC 30 Sep 16]

Insert  *Fairway* 16° 52'·42N., 73° 15'·80E.
(Sep – May)

Chart 2074 (Approaches to Pawas Bay) [previous update NC 30 Sep 16]

Insert  *Fairway* 16° 52'·42N., 73° 15'·80E.
(Sep – May)

***180 (23/18) INDIA – EAST COAST – Gopalpur Port – Buoy and Transit Light.**

Source: Gopalpur Port Limited.

Chart 3005 [previous update 111/18]

Amend Characteristics to *LFl.10s* 19° 17'·69N., 84° 59'·86E.
 Characteristics to *Fl.4s.21m20M* 19° 17'·27N., 84° 56'·66E.

*181 (23/18)	Miscellaneous updates to charts.		
Source: NHO.			
Chart No.	Previous Updates	Details	
2004 (INT 7359)	<i>125/18</i>	For reprint chart 2004(INT7359) (120.18)	
		Read as "North Spoil Ground" for "North Dumping Ground", centered on;	10° 00'·10N., 76° 05'·08E.
		Read as "South Spoil Ground" for "South Dumping Ground", centered on;	09° 55'·24N., 76° 05'·88E.



SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

NIL



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 30 Nov 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
674 722 736 737 742 746 758 767 771 773 777 794 799 800 801 802 803 804 807 808 809 810
811 812 813 814 815 816 817 818

3. NAVAREA VIII Warnings issued during the period from 16 Nov 18 to 30 Nov 18 (both dates inclusive) are as tabulated below:–

780. India East Coast – off Kakinada. Charts IN 31 354 INT 71. Firing by naval ships scheduled from 200330 – 201130 UTC Nov 18 in danger area bounded by 16-18.3N 083-04.1E, 16-57.6N 084-17.6E, 16-13.8N 085-03.5E, 15-26.1N 084-09.8E. 2. Cancel this MSG 201230 UTC Nov 18.
781. Central Indian Ocean. Charts INT 71 73. Fallout hazard predicted from rocket Vega VV13 daily from 21 Nov to 21 Dec 18 from 0351 - 0508 UTC in area bounded by 26-50S 087-30E, 14-00S 090-21E, 14-06S 090-47E, 26-56S 087-56E. 2. Cancel this MSG 210610 UTC Dec 18.
782. NAVAREA VIII warnings in force as on 16 Nov 2018 2017 SERIES – 305 345 394 493 685 762 814 829 866 2018 SERIES - 047 222 312 341 343 348 372 375 418 428 450 471 481 513 542 550 559 562 567 604 625 641 659 661 674 691 695 711 721 722 736 737 739 742 746 751 758 762 763 764 766 767 768 771 772 773 774 775 777 778 779 780 781 (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 231830 UTC Nov 18.
783. Cancel NAVAREA VIII MSG 641/18 and this MSG. INTM 176(T) refers.
784. Andaman Sea – off Barren. Charts IN 41 473 INT 71. Firing practice by CG aircraft scheduled on 22, 23, 28, 29 Nov 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 291030 UTC Nov 18.
785. India West Coast– Azhikode. Charts IN 259 2029 INT 71. DGPS (10-12N 076-09E) off.
786. India East Coast. Charts IN 31 355 356 357 INT 71. Rig list:- ABAN ABRAHAM 16-19.58N 082-21.07E 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 16-18.70N 082-21.57E OLINDA STAR 16-16.59N 082-16.36E new 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 739.
787. India East Coast. Charts IN 31 355 356 357 INT 71. Rig list:- ABAN ABRAHAM 16-19.58N 082-21.07E 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 082-21.10E new OLINDA STAR 16-16.59N 082-16.36E

787. Continued. 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 786.
788. Cancel NAVAREA VIII MSG 763/18 and this MSG.
789. Sri Lanka South Coast - off Great Basses Reef. Charts IN 23 226 264 INT 71. Partially submerged abandoned SLFV Sadev1 reported adrift 05-39N 081-43E at 191900 UTC Nov 18 after collision. 2. Cancel this MSG 221900 UTC Nov 18.
790. Bay of Bengal and Indian Ocean. Charts IN 33 313 356 357 INT 71 73. PSLV - C43 launch scheduled from 29 Nov - 01 Dec 18 from 0400 - 0800 UTC. 2. Danger zone as follows:- ZONE -1: Circle of 10 nm from 13-43.9N 080-14.2E ZONE-2: 12-00N 081-00E, 12-30N 081-30E, 11-45N 082-05E, 11-15N 081-35E ZONE-3: 09-35N 082-45E, 09-35N 083-20E, 08-25N 083-20E, 08-25N 082-45E ZONE-4: 00-00S 081-35E, 00-20S 082-55E, 04-05S 082-10E, 03-45S 080-50E ZONE-5: 25-15S 074-45E, 25-55S 077-30E, 35-00S 075-20E, 36-45S 072-00E 3. Cancel this MSG 010900 UTC Dec 18.
791. India West Coast – Okha. Charts IN 203 2068 INT 71. Firing by naval coast battery scheduled on 28 Nov 18 from 0530-0730 UTC in danger sector extending upto 12 nm within bearing 300 to 020 from 22-28.75N 069-04.05E. 2. Cancel this MSG 280830 UTC Nov 18.
792. Cancel NAVAREA VIII MSG 450/18 781 and this MSG.
793. NAVAREA VIII warnings in force as on 22 Nov 2018 2017 SERIES – 305 345 394 493 685 762 814 829 866 2018 SERIES - 047 222 312 341 343 348 372 375 418 428 471 481 513 542 550 559 562 567 604 625 659 661 674 691 695 721 722 736 737 742 746 758 762 767 768 771 772 773 775 777 784 785 787 790 791 792 (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 NAVAREA VIII MSG 782 and this MSG 301830 UTC Nov 18.
794. Date change to planned INMARSAT I-3 to I-4 migration in 2018 2. International Maritime Organization (IMO), International Hydrographic Organization (IHO), World Meteorological Organization (WMO) inform maritime community of the planned INMARSAT I-3 TO I-4 satellite migration in 2018 as follows:- (A) Atlantic ocean region west (AORW) completed (B) Pacific ocean region (POR) completed (C) Indian ocean region (IOR) on 12 Dec 18 3. For further details of the satellite migration plan and new satellite footprints consult INMARSAT at https://www.inmarsat.com/i3-i4-services-migration .
795. NW Indian Ocean. Chart INT 71. Vessel with 02 crew reported adrift 02-16S 047-22N. Vessels transiting through area render assistance. 2. Cancel this MSG 261830 UTC Nov 18.
796. Cancel NAVAREA VIII MSG 785/18 and this MSG.
797. India East Coast- Chennai. Charts IN 313 3001 INT 71. Firing by naval coast battery scheduled on 30 Nov 18 from 0530 - 0730 UTC in danger sector extending upto 11 nm between bearing 045 and 075 from 13-07.02N 080-18.01E. 2. Cancel this MSG 300830 UTC Nov 18.
798. South Bay of Bengal. Charts IN 33 INT 71. SLFV Tharindi2 reported adrift 09-00N 084-48E at 260330 UTC Nov 18. 2. Cancel this MSG 290330 UTC Nov 18.
799. India East Coast - Palk Bay. Charts IN 32 317 358 INT 71. Fishing vessel Lavanya of about 14 metres length reported sunk 09-38.28N 079-21.30E on 26 Nov 18. All crew rescued.
800. India East Coast – off Gopalpur. Charts IN 352 353 INT 71. Army air defence firing and BPTA flight scheduled daily on 01, 05, 06 Dec 18 from 0130-0830 and 0930-1430 UTC and 03, 04 Dec 18 from 0330-1030 and 1330-1630 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 M radius joining point B and C. 2. Cancel this MSG 061530 UTC Dec 18.
801. Bay of Bengal - off Chittagong. Charts IN 31 BA 90 817 829 INT 71. Firing by naval ships scheduled daily from 01 - 31 Dec 18 from 0001 - 1600 UTC in danger areas bounded by (A) 21-20.83N 090-34E, 21-41N 091-14E, 21-20.83N 091-28E, 21-00N 090-47.83E (B) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E (C) 20-22N 091-06E, 20-46.5N 091-31E, 20-24N 091-59E, 20-00N 091-36E (D) 21-18N 089-31E, 21-18N 089-50E, 21-04N 089-54E,

801. Continued.
21-04N 089-34E (E) 20-58N 089-34E, 20-58N 089-54E, 20-34N 089-54E, 20-34N 089-34E.
2. Cancel this MSG 311700 UTC Dec 18.
802. India East Coast. Charts IN 31 355 356 357 INT 71. Rig list:-
ABAN ABRAHAM 16-19.58N 082-21.07E
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 new
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 787.
803. 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 new
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 new
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 19-33.13N 071-16.35E
SAGAR SHAKTI 19-15.95N 070-56.47E
SAGAR UDAY 19-08.42N 070-53.87E
TRIDENT II 19-20.91N 071-24.51E
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 695 .
804. Lakshadweep Sea. Charts IN 268 273 2047 INT 71. Amini Lt (11-06N 072-43E) unlit.
805. India East Coast - off Nizampatnam. Charts IN 355 356 3026 INT 71. Firing by IAF scheduled daily from 03-15 Dec 18 from 0030 - 1630 UTC.
2. Danger sector extending upto 54 nm within bearing 100 and 210 from 15-50.5N 080-29.5E.
3. Cancel this MSG on 151730 UTC Dec 18.
806. Cancel NAVAREA VIII MSG 790 and this MSG.
807. India East Coast – off Chennai. Charts IN 313 356 357 INT 71. Firing by CG aircraft scheduled from 04-06 Dec 18 from 0130 - 1130 UTC in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E.
2. Cancel this MSG 061230 UTC Dec 18.
808. India East Coast- Vishakhapatnam. Charts IN 308 3002 INT 71. Firing by naval coast battery scheduled on 05 Dec 18 from 0001 - 0130 UTC in danger sector extending upto 17 nm between bearing 070 and 130 from 17-42N 083-18E
2. Cancel this MSG 050230 UTC Dec 18.
809. Lakshadweep Sea - Chetlat I. Charts 268 272 2047 INT 71. INS Jamuna progressing hydrographic survey in area bounded within 11-39.7N to 11-42.9N and 072-41.6E to 072-44.0E. Wide berth requested.
2. Cancel this MSG 071830 UTC Dec 18.
810. India West Coast - off Mormugao. Charts IN 22 293 INT 71. Firing by naval ships scheduled on 03 Dec 18 from 0001-0730 UTC in danger area bounded within 14-24N to 14-58N and 071-52E to 072-23E.
2. Cancel this MSG 030830 UTC Dec 18.

811.	India West Coast – Kochi. Charts IN 220 2029 INT 71. Firing by navy scheduled on: <table border="0"> <tr> <td>DATE</td> <td>TIME (UTC)</td> </tr> <tr> <td>04 DEC 18</td> <td>0900-1200</td> </tr> <tr> <td>07 DEC 18</td> <td>0900-1200 and 1230-1430</td> </tr> <tr> <td>11 DEC 18</td> <td>0900-1200</td> </tr> <tr> <td>14 DEC 18</td> <td>0900-1200 and 1230-1430</td> </tr> </table>	DATE	TIME (UTC)	04 DEC 18	0900-1200	07 DEC 18	0900-1200 and 1230-1430	11 DEC 18	0900-1200	14 DEC 18	0900-1200 and 1230-1430
DATE	TIME (UTC)										
04 DEC 18	0900-1200										
07 DEC 18	0900-1200 and 1230-1430										
11 DEC 18	0900-1200										
14 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 141530 UTC Dec 18.										
812.	Cancel NAVAREA VIII MSG 805 and this MSG.										
813.	NAVAREA VIII warnings in force as on 30 Nov 2018 2017 SERIES – 305 345 394 493 685 762 814 829 866 2018 SERIES - 047 222 312 341 343 348 372 375 418 428 471 481 513 542 550 562 567 604 625 661 674 722 736 737 742 746 758 767 771 773 777 794 799 800 801 802 803 804 807 808 809 810 811 812 (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 071830 UTC Dec 18.										
814.	Indian Ocean – off Reunion Island. Charts INT 71 BA 712. Naval Gunnery Exercise scheduled from 030000 UTC to 072359 UTC Dec 18 in danger area bounded by 21-12S 054-57E, 21-39.02S 054-33.30E, 21-19.30S 054-25.54E, 21-26S 055-02.30E. Vessels requested to keep well clear of area.										
2.	Cancel this MSG 080100 UTC Dec 18.										
815.	Andaman Sea – off Preparis Channel. Charts IN 41 401 473 INT 71. Seismic Vessel Polarcus Naila progressing survey in area bounded within 13-50N to 15-26N and 093-06E to 095-30E.										
2.	Vessel towing 10 cables of 9000 metres each. Wide berth of 3 M ahead/abeam and 8 M astern requested.										
816.	India West Coast - off Mumbai to Gulf of Khambhat. Charts IN 253 255 292 INT 71. SV Fugro Mapper progressing survey in position 19-22.51N 071-21.80E, 19-32.67N 071-41.04E, 18-56.92N 072-15.93E, 20-11.52N 071-52.25E, 21-03.69N 072-25.30E, 19-31.57N 070-56.41E, 19-15.95N 072-06.05E, 19-10.61N 070-57.71E, 18-32.28N 072-15.44E, 18-58.72N 071-32.49E, 18-36.16N 071-01.64E, 18-34.71N 071-23.15E, 19-08.65N 072-02.25E, 20-22.73N 072-18.56E. Wide berth requested.										
2.	Cancel this MSG 111830 UTC Jan 19.										
817.	Cancel NAVAREA VIII MSG 513 and this MSG.										
818.	Andaman Sea – Katchall I. Charts IN 4173 INT 71. Katchall LT (07-56N 093-20 E) unlit.										

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
D7329.5	-Oil Terminal 2.S Breakwater	25 11.16 N 56 22.60 E	Oc R 3s	22	7	Red metal column. Whiteband 16	
	*	*	*	*	*	*	
D7335	JAZIRAT TADMUR - Tadmur	26 28.61 N 56 32.23 E	FI (2)W 10s	60	23	White Framework tower 24	<i>fl 0.2, ec 1.6, fl 0.2, ec 8</i> W160.75° -133°(332.25°), W142.5°-156° (13.5°) ILRS Vol 2 Station 76680
	--	--	Racon	..	..	..
D7345.65	Saqr Port	26 58.50 N 56 02.67 E	2 F R(vert)	..	2		
	*	*	*	*	*	*	*
D7345.7	Saqr Port	25 58.47 N 56 02.75 E	Oc WRG 6s	16	6	..	G137.35° -140.35°(3°), W140.35°-144.35° (4°), R144.35°-147.35° (3°)
	*	*	*	*	*	*	*
D7358	Remove From list Deleted						
D7404.56	BAHRAIN PORT OF MINASALMAN -Ultra Tech Cement Jetty. U-3	26 13.20 N 50 39.02 E	FI G 5s	..	..	Green Metal post 3	
	*	*	*	*	*	*	*
D7404.58	- Ultra Tech Cement Jetty. U-5	26 13.21 N 50 39.07 E	FI (2) G 2s	..	..	Green metal post 3	
	*	*	*	*	*	*	*
D7404.59	- Ultra Tech Cement Jetty. U-4	26 13.24 N 50 39.06 E	FI (2) R 2s	..	..	Red metal post 3	
	*	*	*	*	*	*	*
D7404.61	- Ultra Tech Cement Jetty. U-2	26 13.23 N 50 38.95 E	FI R 5s	..	..	Red metal post 3	
	*	*	*	*	*	*	*
D7404.7	- Ultra Tech Cement Jetty. U-1	26 13.15 N 50 38.90 E	Q G 10s	..	..	Green metal post 3	
	*	*	*	*	*	*	*
D7604.2	KHAWR ABD ALLAH - BubiyanFanar	29 45.56 N 48 29.79 E	F R	..	..	Coastal Station	
F0362	-- Marine Control Tower	22 43.89N 69 42.36 E	FI(2)W15s	32	19	White Structure, black bands 30	<i>fl 0.3, ec 3.5, fl 0.3, ec 10.9.</i>
	--	..	Racon	..	..	..	ILRS Vol 2 Station 78806
	*	*					
F0764.97	NORTH MALE ATOLL Remove From list Deleted						
F0764.972	NORTH MALE ATOLL Remove From list Deleted						
F0765.113	NORTH MALE ATOLL Remove From list Deleted						

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. 18 dated 16Sep2018)

PAGE 112, NAVAREA XI (Japan)

Delete entry and replace by:

NAVAREA XI (Japan)

Notices to Mariners Offices

Hydrographic and Oceanographic Department

Japan Coast Guard

3-1-1, Kasumigaseki , Chiyoda-ku

TOKYO 100-8932

Japan

Telephone : +81 3 35953647

Fax : +81 3 35953571

Email: tuho@jodc.go.jp

Jcp-tuho@navarea11.go.jp

Website : <http://www.1.kaiho.mlot.go.jp>

Warning Url : www1.kaiho.milt.go.jp/TUHO/tuho/nm_en.html

(Source: BA 45/18) (23/18)

INP 31(6), 2012

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

Nil

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

National Hydrographic Office
107-A, Rajpur Road,
Dehradun - 248001
(UTTARAKHAND), INDIA
e-mail: - inho@navy.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.

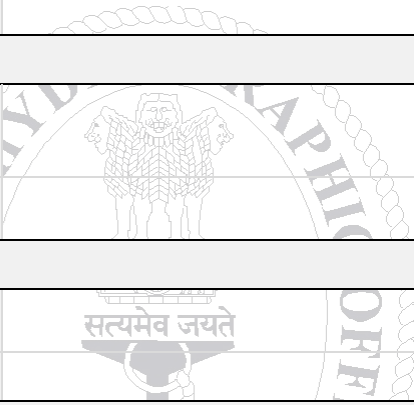

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further,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

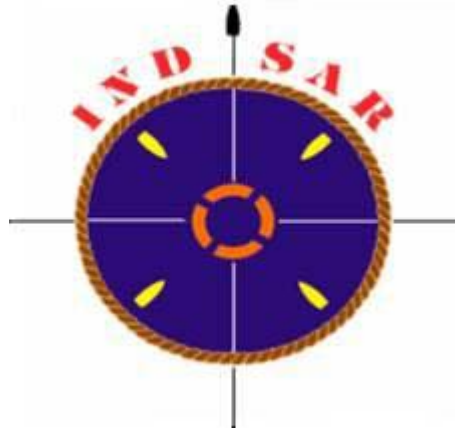


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object of Changes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

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