



INDIAN NOTICES TO MARINERS



EDITION NO. 18 DATED 16 SEP 2017

(CONTAINS NOTICES 129 TO 137)

REACH US 24 x 7



in的角度@navy.gov.in
msis-inho@navy.gov.in



+91-135-2748373



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



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

www.hydrobharat.gov.in

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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 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>
IN52077Z	2077	HARNAI ANCHORAGE	11-09-2017

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52004C	2004	KOCHI (COCHIN) HARBOUR	08-09-2017
IN42029O	2029	APPROACHES TO KOCHI	11-09-2017

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>
IN52004C	2004	KOCHI (COCHIN) HARBOUR	26-11-2015
IN42029O	2029	APPROACHES TO KOCHI	26-07-2016
IN52077A	2077	HARNAI ANCHORAGE	10-08-2017

4. The forthcoming Indian Charts are as follows:-

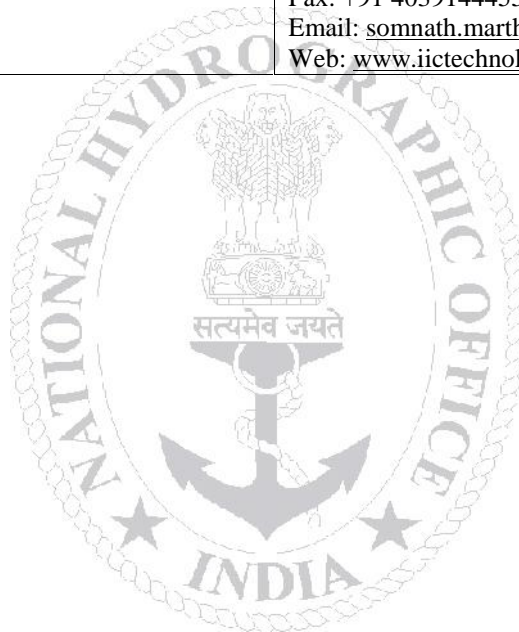
<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
301	APPROACHES TO HUGLI RIVER	1,50,000	New Chart
351 (INT 7419)	PARADIP TO PUSSUR RIVER	3,00,000	New Chart
2081	APPROACHES TO PORTS FROM DIU TO PIPAVAV	75,000	New Chart
2353	APPROACHES TO KARWAR AND BELEKERI	50,000	New Chart
2354	APPROACHES TO TADRI	50,000	New Chart
2355	APPROACHES TO HONAVAR	50,000	New Chart
2356	APPROACHES TO SHIRALI AND BHATKAL	50,000	New Chart
2357	APPROACHES TO KUNDAPUR	50,000	New Chart
2358	APPROACHES TO HANGARKATTA & MALPE	50,000	New Chart
2359 (INT 7350)	APPROACHES TO PORT OF NEW MANGALORE	50,000	New Chart
3006 (INT 7423)	HUGLI RIVER;		New Chart
	KUKRAHATI REACH TO ROYAPUR CROSSING	37,500	
	ROYAPUR CROSSING TO CALCUTTA DOCKS	37,500	
	CALCUTTA DOCKS	17,500	
3011 (INT 7421)	HUGLI RIVER – GASPER CHANNEL TO HALDIA	75,000	New Chart
3028 (INT 7404)	KAMARAJAR PORT	12,500	New Edition
3039	KATTUPALLI PORT	12,500	New Edition
4104	APPROACHES TO PORT MEADOWS & KOTARA ANCHORAGE	25,000	New Chart
4177	TILLANCHANG ISLAND	25,000	New Edition

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 129 to 137 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
203 (INT 7319)	2	130
289	1	134
313	5	132
361	7	135
2004 (INT 7359)	3	131
2029 (INT 7358)	3	131
2045 (INT 7360)	3	131
2068	2	130
2079 (INT 7329)	2	130
2082	2	129
2102	2	129
2106	2	130
2550	1	133
3001 (INT 7402)	5	132
3002 (INT 7410)	5	137
3004 (INT 7403)	5	132
3021	7	135
3028 (INT 7404)	5	132
3039	5	132
8004	1	136

SECTION – II
PERMANENT NOTICES

***129 (18/17) INDIA – WEST COAST – Bhavnagar Port – Foul.**

Source: NHO, Dehradun.

Chart 2082 [previous update 060/17]

Insert	#	21° 42′.80N., 72° 28′.40E.
	#	21° 39′.70N., 72° 27′.00E.
	#	21° 37′.41N., 72° 25′.35E.
	#	21° 35′.90N., 72° 25′.40E.
	#	21° 35′.20N., 72° 25′.50E.

Chart 2102 [previous update 072/17]

Insert	#	21° 41′.48N., 72° 24′.98E.
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***130/(18/17) ARABIAN SEA – INDIA – Mundra Port – RACON – Temple.**

Source: Mundra Port Trust (Adani Port).

Chart 203 (INT 7319) [previous update 116/17]

Delete	<input type="radio"/> Racon (M)	22° 40′.62N., 69° 39′.21E.
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Chart 2068 [previous update 116/17]

Delete	<input type="radio"/> Racon (M)	22° 40′.62N., 69° 39′.21E.
--------	---------------------------------	----------------------------

Chart 2079 (INT 7329) [previous update 059/17]

Insert	(9) <input checked="" type="checkbox"/> Hanuman Temple	22° 45′.55N., 69° 41′.50E.
Delete	(9) <input checked="" type="checkbox"/> Hanuman Temple	22° 44′.54N., 69° 41′.50E.
	<input type="radio"/> Racon (M)	22° 40′.66N., 69° 39′.20E.

Chart 2106 [previous update 046/17]

Insert	(9) <input checked="" type="checkbox"/> Hanuman Temple	22° 45′.55N., 69° 41′.50E.
Delete	(9) <input checked="" type="checkbox"/> Hanuman Temple	22° 44′.54N., 69° 41′.50E.

***131 (18/17) INDIA – WEST COAST – Port of Kochi – Submarine Cable.**

Source: NHO, Dehradun.

Chart 2029 (INT 7358) [previous update 109/17]


Delete submarine cable, , joining: 09° 57′.87N., 76° 14′.25E. (shore)
 09° 57′.10N., 76° 13′.60E.
 09° 48′.12N., 76° 05′.75E
 09° 43′.96N., 76° 02′.11E (S Border)

Chart 2004 (INT 7359) [previous update 073/17]


Delete submarine cable, , joining: 09° 57′.87N., 76° 14′.25E. (shore)
 09° 57′.10N., 76° 13′.60E.
 09° 55′.75N., 76° 12′.43E.
 09° 53′.80N., 76° 10′.72E (S Border)

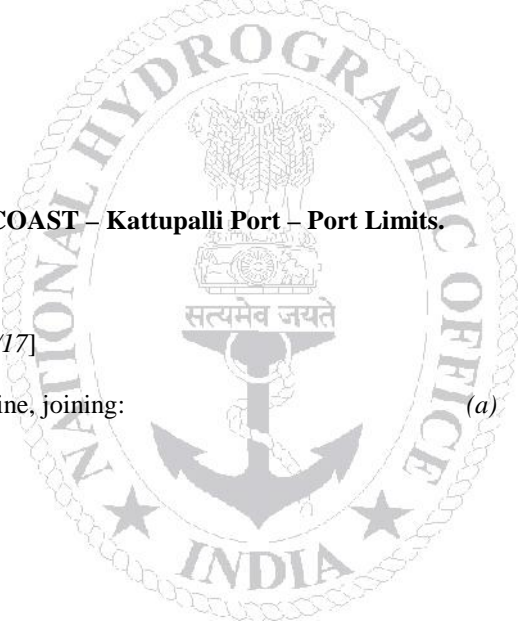
Chart 2045 (INT 7360) [previous update 103/17]

Delete submarine cable, , joining: 09° 57′.87N., 76° 14′.25E. (shore)
 09° 57′.10N., 76° 13′.60E.
 09° 57′.025N., 76° 13′.53E.(W Border)

***132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits.**

Source: NHO, Dehradun.

Chart 313 [previous update 037/17]

Insert Port limit, pecked line, joining:  (a) 13° 19′.07N., 80° 20′.73E. (Shore)
 13° 20′.83N., 80° 22′.83E.
 13° 20′.84N., 80° 23′.39E.
 13° 17′.75N., 80° 23′.39E.
 13° 17′.74N., 80° 20′.74E. (Shore)
 and
 (b) 13° 17′.68N., 80° 20′.89E. (Shore)
 13° 17′.68N., 80° 26′.52E.
 13° 09′.68N., 80° 26′.52E.
 13° 09′.68N., 80° 21′.71E.
 13° 12′.08N., 80° 21′.80E.
 13° 13′.58N., 80° 21′.29E.
 13° 13′.05N., 80° 19′.59E. (Shore)
 and

***132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits. Continued.**

Chart 313 [previous update 037/17]

(c) 13° 12′.79N., 80° 19′.51E. (Shore)

13° 12′.08N., 80° 21′.80E.

13° 09′.68N., 80° 21′.71E.

13° 09′.68N., 80° 26′.51E.

13° 00′.82N., 80° 26′.51E.

13° 03′.92N., 80° 17′.31E. (Shore)

legend, “Limit of Port of Chennai” , centered on:

13° 09′.45N., 80° 24′.00E.

13° 05′.50N., 80° 26′.20E.

13° 03′.40N., 80° 19′.30E.

Delete

Port limit, pecked line, joining:

(a) 13° 18′.97N., 80° 20′.78E. (Shore)

13° 20′.76N., 80° 22′.91E.

13° 20′.76N., 80° 23′.47E.

13° 17′.67N., 80° 23′.47E.

13° 17′.67N., 80° 20′.88E. (Shore)

and

(b) 13° 17′.60N., 80° 20′.87E. (Shore)

13° 17′.60N., 80° 26′.60E.

13° 09′.60N., 80° 26′.60E.

13° 09′.60N., 80° 21′.805E.

13° 12′.09N., 80° 21′.805E.

13° 13′.50N., 80° 21′.37E.

13° 13′.07N., 80° 19′.59E. (Shore)

and

(c) 13° 08′.07N., 80° 17′.90E. (Shore)

13° 09′.08N., 80° 19′.91E.

13° 09′.08N., 80° 21′.92E.

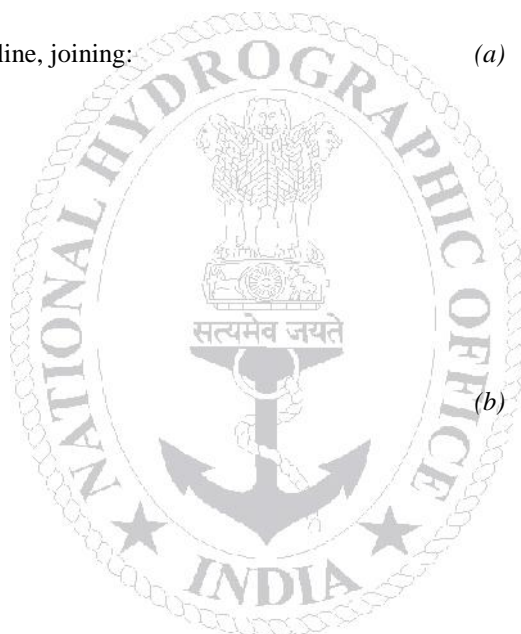
13° 03′.10N., 80° 21′.91E.

13° 03′.10N., 80° 19′.91E.

13° 03′.90N., 80° 17′.31E. (Shore)

legend, “Limit of Port of Chennai” , centered on:

13° 05′.90N., 80° 21′.95E.



***132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits. Continued.**

Chart 3001 (INT 7402) [previous update 037/17]

Insert Port limit, pecked line, joining:

(a) 13° 19′.07N., 80° 20′.73E. (Shore)

13° 20′.83N., 80° 22′.83E.

13° 20′.84N., 80° 23′.39E.

13° 17′.75N., 80° 23′.39E.

13° 17′.74N., 80° 20′.85E. (Shore)

and

(b) 13° 17′.68N., 80° 20′.89E. (Shore)

13° 17′.68N., 80° 26′.52E.

13° 09′.68N., 80° 26′.52E.

13° 09′.68N., 80° 21′.71E.

13° 12′.08N., 80° 21′.80E.

13° 13′.58N., 80° 21′.29E.

13° 13′.05N., 80° 19′.59E. (Shore)

and

(c) 13° 13′.05N., 80° 19′.59E. (Shore)

13° 13′.58N., 80° 21′.29E.

13° 12′.08N., 80° 21′.80E.

13° 12′.79N., 80° 19′.50E. (Shore)

and

(d) 13° 12′.79N., 80° 19′.51E. (Shore)

13° 12′.08N., 80° 21′.80E.

13° 09′.68N., 80° 21′.71E.

13° 09′.68N., 80° 26′.51E.

13° 00′.82N., 80° 26′.51E.

13° 03′.92N., 80° 17′.31E. (Shore)

13° 19′.80N., 80° 21′.75E.

13° 17′.85N., 80° 22′.10E.

13° 17′.52N., 80° 22′.71E.

13° 13′.52N., 80° 26′.40E.

13° 09′.79N., 80° 24′.70E.

13° 10′.90N., 80° 21′.90E.

13° 13′.50N., 80° 20′.40E.

legend, “*Limit of Port of Kattupalli*”, centered on:legend, “*Limit of Port of Kamarajar*”, centered on:legend, “*Limit of Port of Chennai*”, centered on:

13° 12′.30N., 80° 20′.72E.

13° 10′.81N., 80° 21′.60E.

13° 09′.50N., 80° 24′.70E.

13° 04′.00N., 80° 26′.31E.

13° 01′.80N., 80° 23′.90E.



132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits. Continued.*Chart 3001 (INT 7402)** [previous update 037/17]

Delete Port limit, pecked line, joining:

(a) 13° 18′.97N., 80° 20′.78E. (Shore)

13° 20′.76N., 80° 22′.91E.

13° 20′.76N., 80° 23′.47E.

13° 17′.67N., 80° 23′.47E.

13° 17′.66N., 80° 20′.88E. (Shore)

and

(b) 13° 17′.60N., 80° 20′.87E. (Shore)

13° 17′.60N., 80° 26′.60E.

13° 09′.60N., 80° 26′.60E.

13° 09′.60N., 80° 21′.805E.

13° 12′.09N., 80° 21′.805E.

13° 13′.50N., 80° 21′.37E.

13° 13′.07N., 80° 19′.59E. (Shore)

and

(c) 13° 13′.07N., 80° 19′.59E. (Shore)

13° 13′.50N., 80° 21′.37E.

13° 12′.09N., 80° 21′.805E.

13° 12′.79N., 80° 19′.50E. (Shore)

and

(d) 13° 08′.07N., 80° 17′.90E. (Shore)

13° 09′.08N., 80° 19′.91E.

13° 09′.08N., 80° 21′.92E.

13° 03′.10N., 80° 21′.91E.

13° 03′.10N., 80° 19′.91E.

13° 03′.90N., 80° 17′.31E. (Shore)

13° 19′.71N., 80° 21′.78E.

13° 17′.70N., 80° 22′.10E.

legend, “*Limit of Port of Kattupalli*” , centered on:legend, “*Limit of Port of Kamarajar*” , centered on:

13° 17′.52N., 80° 25′.18E.

13° 13′.51N., 80° 26′.55E.

13° 09′.62N., 80° 23′.47E.

13° 13′.39N., 80° 20′.70E.

legend, “*Limit of Port of Chennai*” , centered on:

13° 08′.84N., 80° 19′.56E.

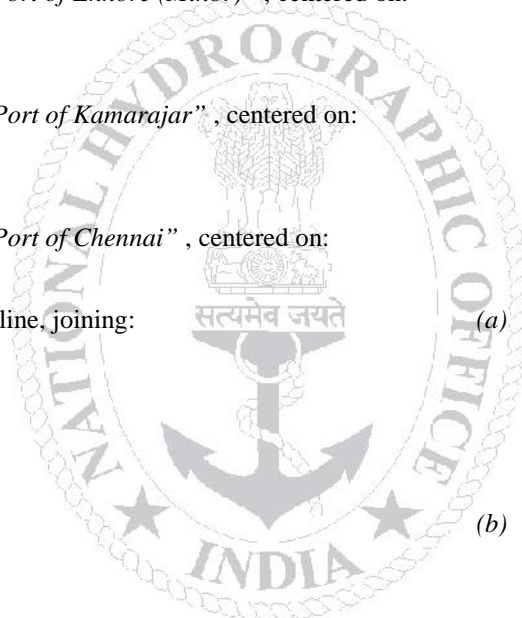
13° 06′.00N., 80° 21′.84E.



***132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits. Continued.**

Chart 3028 (INT 7404) [previous update 147/16]

Insert	Port limit, pecked line, joining:	(a)	13° 13′.05N., 80° 19′.59E. (Shore) 13° 13′.58N., 80° 21′.29E. 13° 12′.08N., 80° 21′.80E. 13° 12′.79N., 80° 19′.50E. (Shore) <i>and</i>
		(b)	13° 13′.05N., 80° 19′.59E. (Shore) 13° 13′.58N., 80° 21′.29E. 13° 12′.08N., 80° 21′.80E. 13° 11′.00N., 80° 21′.76E. (S Border) <i>and</i>
		(c)	13° 12′.79N., 80° 19′.51E. (Shore) 13° 12′.08N., 80° 21′.80E. 13° 11′.00N., 80° 21′.76E. (S Border) 13° 13′.38N., 80° 20′.80E. 13° 13′.20N., 80° 21′.39E. 13° 12′.59N., 80° 20′.25E. 13° 13′.40N., 80° 20′.60E. 13° 13′.20N., 80° 21′.45E. 13° 11′.25N., 80° 21′.80E. 13° 12′.50N., 80° 20′.25E. 13° 11′.64N., 80° 21′.74E.
	legend, “ <i>Limit of Port of Ennore (Minor)</i> ”, centered on:		
	legend, “ <i>Limit of Port of Kamarajar</i> ”, centered on:		
	legend, “ <i>Limit of Port of Chennai</i> ”, centered on:		
Delete	Port limit, pecked line, joining:	(a)	13° 13′.07N., 80° 19′.59E. (Shore) 13° 13′.50N., 80° 21′.37E. 13° 12′.09N., 80° 21′.805E. 13° 12′.79N., 80° 19′.50E. (Shore) <i>and</i>
		(b)	13° 17′.595N., 80° 19′.35E. (W Border) 13° 17′.595N., 80° 24′.00E. (E Border) <i>and</i>
		(c)	13° 13′.07N., 80° 19′.59E. (Shore) 13° 13′.50N., 80° 21′.37E. 13° 12′.09N., 80° 21′.805E. 13° 11′.00N., 80° 21′.805E. (S Border) 13° 13′.36N., 80° 20′.86E. 13° 12′.59N., 80° 21′.64E. 13° 12′.45N., 80° 20′.67E. 13° 17′.58N., 80° 23′.56E. 13° 17′.58N., 80° 21′.54E. 13° 13′.27N., 80° 20′.36E. 13° 13′.20N., 80° 21′.47E. 13° 11′.64N., 80° 21′.81E.
	legend, “ <i>Limit of Port of Ennore (Minor)</i> ”, centered on:		
	legend, “ <i>Limit of Port of Kamarajar</i> ”, centered on:		

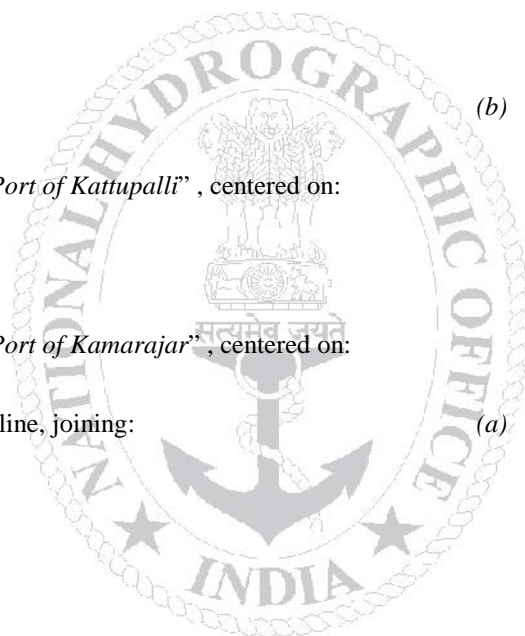


132 (18/17) INDIA – EAST COAST – Kattupalli Port – Port Limits. Continued.*Chart 3004 (INT 7403)** [previous update 056/17]

Delete	Port limit, pecked line, joining:	13° 08′.07N., 80° 17′.90E. (Shore)
		13° 09′.08N., 80° 19′.91E.
		13° 09′.08N., 80° 21′.92E.
		13° 03′.95N., 80° 21′.91E. (S Border)
	legend, “ <i>Limit of Port of Chennai</i> ” , centered on:	13° 08′.72N., 80° 19′.23E.
		13° 09′.06N., 80° 20′.62E.
		13° 07′.70N., 80° 21′.91E.
		13° 04′.63N., 80° 21′.90E.

Chart 3039 [previous update 147/16]






Insert	Port limit, pecked line, joining:	(a)	13° 19′.07N., 80° 20′.73E. (Shore)
			13° 20′.83N., 80° 22′.83E.
			13° 20′.84N., 80° 23′.39E.
			13° 17′.75N., 80° 23′.39E.
			13° 17′.74N., 80° 20′.92E. (Shore)
			and
		(b)	13° 17′.68N., 80° 20′.88E. (Shore)
			13° 17′.68N., 80° 26′.30E. (E Border)
	legend, “ <i>Limit of Port of Kattupalli</i> ” , centered on:		13° 19′.65N., 80° 21′.46E.
			13° 20′.80N., 80° 23′.16E.
			13° 19′.63N., 80° 23′.35E.
			13° 17′.78N., 80° 22′.22E.
	legend, “ <i>Limit of Port of Kamarajar</i> ” , centered on:		13° 17′.62N., 80° 21′.87E.
			13° 17′.62N., 80° 25′.70E.
Delete	Port limit, pecked line, joining:	(a)	13° 18′.97N., 80° 20′.78E. (Shore)
			13° 20′.76N., 80° 22′.91E.
			13° 20′.76N., 80° 23′.47E.
			13° 17′.67N., 80° 23′.47E.
			13° 17′.66N., 80° 20′.87E. (Shore)
			and
		(b)	13° 17′.60N., 80° 20′.87E. (Shore)
			13° 17′.60N., 80° 26′.30E. (E Border)
	legend, “ <i>Limit of Port of Kattupalli</i> ” , centered on:		13° 19′.50N., 80° 21′.44E.
			13° 20′.74N., 80° 23′.15E.
			13° 19′.68N., 80° 23′.45E.
			13° 17′.68N., 80° 22′.22E.
	legend, “ <i>Limit of Port of Kamarajar</i> ” , centered on:		13° 17′.59N., 80° 21′.85E.
			13° 17′.59N., 80° 25′.70E.



***133 (18/17) INDIAN OCEAN – SEYCHELLES – Port Victoria – Depth – Beacon – Buoy – Submarine Power Cable.**

Source: NHO Dehradun.

Chart 2550 [previous update NC 31 Mar 17]

Insert	depth, 4 ₄ , enclosed by 05m contour	04° 38′.00S., 55° 28′.68E.
	 Fl	04° 37′.96S., 55° 28′.61E.
	 Fl	04° 37′.95S., 55° 28′.64E.
	 Fl(2)R.4s No 8	04° 37′.51S., 55° 28′.16E.
	Submarine power cable,   , joining:	04° 37′.87S., 55° 28′.17E.
		04° 37′.74S., 55° 28′.28E.

134 (18/17) STRAIT OF HORMUZ TO QATAR – Well – Depth.

Source: BA Notice 2174/17.

Chart 289 [previous update 125/17]

Insert	 Well	24° 54′.90N., 52° 56′.00E.
	 Well	24° 38′.10N., 52° 47′.10E.
Replace	 Obstr , with  Well	24° 42′.30N., 52° 46′.70E.
Delete	depth, 11 ₆ at	24° 38′.20N., 52° 47′.20E.

135 (18/17) BANGLADESH – Approaches to Chittagong – Well.

Source: BA Notice 2251/17.

Chart 361 [previous update 197/15]

Insert	 Well	21° 51′.36N., 91° 48′.49E.
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Chart 3021 [previous update 112/17]

Insert	 Well	21° 51′.35N., 91° 48′.48E.
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136 (18/17) IRAN, OMAN AND THE UNITED ARAB EMIRATES – Jusk to Dubayy and Jazireh-Ye Qeshm – Light.

Source: BA Notice 2366/17.

Chart 8004 [previous update 125/17]

Insert	 Fl(3)10s12M Ra's-e Dastakan	26° 32′.20N., 55° 17′.34E.
Delete	 Fl(3)12s12m7M Ra's-e Dastakan	26° 32′.60N., 55° 17′.10E.

***137 (18/17) Miscellaneous updates to charts.**

Source: NHO Dehradun.

Chart	Previous Updates	Details		
3002 (INT 7410)	205/16	For reprint chart 3002 (INT 7410) (227.17)		
		Amend;	+++	in position; 17° 39′·69N., 83° 18′·18E.
		To;	23 Wk	
		Amend;	19	in position; 17° 40′·15N., 83° 18′·15E.
		To;	19 Wk	



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 are operating on trial basis:-

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)	Balasore	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 icgmrcc_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 14 of 2008 (16th July 2008).

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

(b) Recommended routes have been established along the coast of Gujarat. These are to assist mariners to navigate safely in order to represent the best routes for crossing traffic and to minimize head-on encounters in vicinity of Oilfield Development Areas and regulate coastal traffic. Mariners are advised to keep 1 to 2 miles starboard of the shown routes consistent with Rules of the Road.

(c) Traffic Separation Schemes (TSS). The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.

5. GAGAN SYSTEM COMMISSIONED FOR OPERATIONS

The GAGAN System is now commissioned for safety of life, civil aviation, and en- route operations in addition to all other non-aviation applications. The GAGAN signal is being broadcasted through GSAT-8 and GSAT-10 with PRN127 & 128 respectively.

All the GPS users are requested to enable SBAS functionality in their receivers, configure it to receive PRN-127& 128 and avail the benefits of GAGAN in terms of increased accuracy and reliability. There may be occasional signal outages due to system up-gradation activities.

6. USAGE OF THURAYA/ IRRIDUM AND SATELLITE PHONE

The use of Thuraya, Iridium and other such satellite phone is banned in India under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act. It is intimated to all shipping companies/ shipping agents that use of Thuraya/ Iridium and other such satellite phones are banned in Indian waters and seafarers should not use the same.

Satellite phones can be used only after no objections certificate issued by department of telecommunication (DOT) on a case to case basis. The shipping agents should mandatorily intimate the details of person carrying Thuraya and the particulars of Thuraya, Iridium and other such sets in pre arrival notification on security (PANS).

The unauthorized holders of Thuraya/ Iridium and other such Satellite phones can be prosecuted under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act.

7. CAUTIONARY NOTE

There is a finite amount of lag between publication of large and small scale Indian Nautical Charts. To avoid uncertainty the mariners are advised to use large scale charts for coastal navigation wherever applicable and available. In addition, mariners are to refer large scale charts in conjunction with small scale charts in areas where both overlap during both planning and conduct of passage.

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. Sunderlal Bahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>E.W.Liner Charts & Publication (India) 2/524, Sandeep Road, Chinna Neelangarai, Chennai - 600041 Tele: +91-44-24490668 Fax: +91-44-24491668 Mob No : +91-9003245348 Email: ewl-india@ewliner.com Web: www.ewliner.com</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>Gujarat Pipavav Port Limited PO – Uchchaya, Dist – Amereli, Gujarat – 365 560 Tele: +91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)</p>
<p>M/s SVR Chart Agencies Door No.50-81-48/4, Seetammapeta, Visakhapatnam – 530 016 Tel/ Fax: 0891-2799471, Cell: +91-9849120988, 9885797333 Email : mahalakshmitravels99@gmail.com mahalakshmitravels@hotmail.com</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: 022-6510 3668, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@smsmarine.co.in , raj_chakravorty@yahoo.com Web: www.smsmarine.co.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>Global Marine Infratech Pvt. Ltd. Ground Floor, Siksha Sandan, 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 Lift o Marine Allen’s Mansion, Flat C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftmarine.org Web: www.liftmarine.org</p>	<p>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Engineering Logistics Executive Multi Services Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar, Malkapuram Visakhapatnam – 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: www.elemscharts.in</p>	<p>M/s 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@ictechnologies.com sanjeev.sharma@ictechnologies.com Web: www.ictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’s Plam 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 – 2012.

2. NAVAREA VIII Warnings in force as on 15 Sep 17:

2016 SERIES – 432 464 572 644 723
2017 SERIES – 016 119 189 305 323 345 366 381 394 414 455 468 481 485 486 490 493 511 514 519 529 530 543 576 591 596 597 601 610 611 614 616 620 624 627 634 635 640 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656

3. NAVAREA VIII Warnings issued during the period from 01 Sep to 15 Sep 17 (both dates inclusive) are as tabulated below:-

<p>600. India East Coast – off Gopalpur. Charts 31 352 353 INT 71. Army Air Defence firing and BPTA flight scheduled daily from 05-09 Sep 17 from 0130-0730 and 0830-1430 UTC in 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 41 NM radius joining point B and C.</p> <p>2. Cancel this MSG 091530 UTC Sep 17.</p>
<p>601. Bay Of Bengal – off Sittwe. Charts 31 371 INT 71. Drilling ops being undertaken from 04 Sep 17 in position 19-36.91N 091-54.53E and 19-47.91N 091-50.36E. Wide berth requested.</p> <p>2. Cancel this MSG 241830 UTC Nov 17.</p>
<p>602. NAVAREA VIII warnings in force as on 01 Sep 17:- 2016 SERIES - 432 464 572 644 723 2017 SERIES– 016 119 189 305 323 345 366 381 387 394 414 427 455 468 481 485 486 490 493 511 514 519 529 530 532 543 556 557 558 573 575 576 586 591 594 595 596 597 598 599 600 601 (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.</p> <p>2. Cancel this MSG 081000 UTC Sep 17.</p>
<p>603. NW Indian Ocean. Chart INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M towlength to along. PCS at 010800 UTC Sep 17 05-20S 065-20E/063/3.8.</p> <p>2. Cancel NAVAREA VIII MSG 599.</p>
<p>604. India East Coast – off Chennai. Charts 31 32 391 INT 71. Firing by CG Aircraft scheduled daily from 04 - 14 Sep 17 from 0130 - 1130 UTC in danger area bounded within 13-30N TO 14-30N and 082-00E TO 082-40E.</p> <p>2. Cancel this MSG 141230 UTC Sep 17.</p>
<p>605. Cancel NAVAREA VIII MSG 556 and this MSG.</p>
<p>606. India West Coast – off Porbandar. Charts 21 204 205 252 292 2040 INT 71. Fishing vessels reported sunk in vicinity of 21-35.31N 069-36.88E, 21-36N 069-16E, 21-37N 069-16E. Wide berth advised.</p>
<p>607. India West Coast – off Mormugao. Charts 22 214 215 216 257 293 2078 INT 71 705 706. Firing by Naval Coast Battery scheduled on 08 Sep 17 from 0330 - 0630 UTC.</p> <p>2. Danger sector extending upto 10 NM seaward between bearing 220 and 260 from 15-24.61N 073-47.6E.</p> <p>3. Cancel this MSG 080730 UTC Sep 17.</p>
<p>608. North Indian Ocean. Chart INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M towlength to Alang. PCS at 040800 UTC Sep 17 01-35S 069-33E/046/4.9.</p> <p>2. Cancel NAVAREA VIII MSG 603.</p>
<p>609. India East Coast - off Rava ODA. Charts 31 32 355 391 INT 71. SV Fugro Mapper progressing survey in area bounded by 16-32.92N 082-20.55E, 16-28.67N 082-24.1E, 16-20.68N 082-13.23E, 16-24.94N 082-09.86E. Wide berth requested.</p> <p>2. Cancel this MSG 071830 UTC Sep 17.</p>
<p>610. India East Coast – off Rava ODA. Charts 355 INT 71. SV Brahmaputra Dolphin, Kohinoor1, Ganesh progressing seismic survey in area bounded by 16-20.71N 081-39.09E, 16-19.8N 081-43.67E, 16-22.8N 081-50.41E, 16-24.34N 081-56.82E, 16-29.27N 082-06.86E, 16-26.13N 082-04.32E, 16-21.74N 082-06.78E, 16-19.97N 082-06.79E, 16-18.63N 082-04.5E, 16-16.07N 081-56.78E, 16-14.28N 081-49.47E, 16-14.92N 081-48.88E, 16-15.21N 081-47.87E, 16-15.23N 081-39.07E</p> <p>2. Vessels towing 4 cables of 16 KM with buoys.</p> <p>3. Wide berth requested.</p> <p>4. Cancel this MSG 311830 UTC Oct 17.</p>
<p>611. India East Coast. Charts 355 356 INT 706. Rig list:- ABAN ABRAHAM 16-11.41N 082-12-64E</p>

ABAN II	16-31.58N 082-18.81E
DS MATDRILL	16-15.66N 081-41.23E
JACK BATES	16-27.43N 082-24.83E
ESSAR WILDCAT	15-19.57N 080-33.29E NEW
SAGAR BHUSHAN	16-17.70N 082-11.23E
SAGAR RATNA	15-14.63N 080-25.67E
SAGAR VIJAY	16-28.32N 082-22.34E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 575.
612.	India East Coast – off Ravva ODA. Charts 31 32 355 391 INT 71. SV Samudra Sarvekshak progressing soil investigation along route 16-08.86N 081-41.22E to 16-08.86N 081-40.86E and 16-11.18N 081-43.43E to 16-08.99N 081-46E. Wide berth requested.
2.	Cancel this MSG 111830 UTC Sep 17.
613.	North Indian Ocean. Charts 23 32 INT 71. man overboard reported from sri lankan fishing vessel Navina5 in vicinity of 04-47N 079-52E at 050630 UTC Sep 17.
614.	Andaman Sea – Off Yangon River. Charts 41 452 4019 INT 7. Buoys New Centre Western (16-25.13N 096-20.6E) and STBD (16-31.3N 096-16.1E) laid . Buoys New Centre Spit and Additional Lower Spit shifted to 16-24.76N 096-20.5E and 16-24.35N 096-20.40E. Thura Phyto Kyaw Lin wreck buoy (16-24N 096-21E) adrift.
2.	Cancel NAVAREA VIII MSG 427.
615.	Cancel NAVAREA VIII MSG 387 And this MSG.
616.	India West Coast – off Porbandar. Charts 21 204 205 252 292 2040 INT 71. Fishing vessels reported sunk in vicinity of 21-35.31N 069-36.88E, 21-36N 069-16E, 21-37.4N 069-36.8E. Wide berth advised.
2.	Cancel NAVAREA VIII MSG 606.
617.	India West Coast– off Mumbai. Charts 22 255 292 293 INT 71. Firing by Naval ships scheduled on 11 Sep 17 from 0001-0600 UTC in danger area bounded by 18-06N 070-39E, 17-49N 071-21E, 18-05N 071-37E, 18-22N 071-04E.
2.	Cancel this MSG 110700 UTC Sep 17.
618.	Bay Of Bengal – off Trincomalee . Charts 32 33 INT 71. SLFV Asitha Putha reported adrift 09-32N 082-07E at 060330 UTC Sep 17.
2.	Cancel this MSG 090330 UTC Sep 17.
619.	India West Coast – off Tapti ODA. Charts 21 210 254 292 INT 71. Firing by CG Aircraft scheduled on 09, 10, 11 Sep 17 from 0330-0730 UTC in danger area bounded by 20-13.3N 071-59E, 20-13.3N 072-08E, 20-06N 072-06.9E, 20-06N 071-57.7E
2.	Cancel this MSG 110830 UTC Sep 17.
620.	India West Coast – off Dwarka. Charts 21 202 251 271 291 INT 71. Fishing boat Khodiyar Devi-2 reported sunk in vicinity OF 22-29.30N 068-27.8E. Wide berth advised.
621.	India East Coast – off Balasore. Charts 31 351 352 INT 71. Experimental Flight Trial in progress from 0230 - 0530 and 0830 - 1030 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E.
2.	Cancel this MSG 081130 UTC Sep 17.
622.	India East Coast - off Rava ODA. Charts 31 32 355 391 INT 71. SV Fugro Mapper progressing survey in vicinity of 16-31.29N 082-19.03E. Wide berth requested.
2.	Cancel this MSG 141830 UTC Sep 17.
623.	Lakshadweep Sea- off Mulaku Atoll. Chart 23 267 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M tow length to Alang. PCS 02-13N 073-51E/006/4.5 at 070700 UTC Sep 17.
2.	Cancel NAVAREA VIII MSG 608.
624.	Bay Of Bengal - off Bangladesh. Charts 31 INT 71. Firing by Naval Ships scheduled daily till 30 Sep 17 from 2200 - 1700 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) 20-46N 090-00E, 20-58N 090-17E, 20-40N 090-38E, 20-28N 090-22E (D) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E (D1) 20-22N 091-06E, 20-46.3N 091-31E, 20-24N 091-59E, 20-00N 091-36E (E) 21-18N 089-31E, 21-18N 089-50E, 21-04N 089-54E, 21-04N 089-34E (F) 20-58N 089-34E, 20-58N 089-54E, 20-34N 089-54E, 20-34N 089-34E.
2.	Cancel this MSG 301800 UTC Sep 17.
625.	India East Coast – off Balasore. Charts 31 351 352 INT 71. Experimental Flight Trial scheduled from ITR on 11, 12, 13, 14, 15 Sep 17 from 0500 - 0700 and 0830 - 1030 UTC in danger zone bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E .
2.	Cancel this MSG 151130 UTC Sep 17.
626.	NE Indian Ocean. Chart INT 71. SLFV Sacha reported adrift 04-09N 081-54E at 070130 UTC Sep 17.
2	Cancel this MSG 100130 UTC Sep 17.
627.	Bay Of Bengal – off Chittagong. Charts 31 360 INT 71. Firing by Aircraft scheduled daily from 10 – 21 Sep 17 from 0200 - 1100 UTC in danger area bounded within 21-30.05N TO 21-55N and 091-27.83E to 091-47.81E.
2.	Cancel this MSG 211200 UTC Sep 17.
628.	Palk Bay– off Kachcha Tivu. Charts 32 262 316 317 INT 71. Naval firing practice scheduled on 11 Sep 17 from 0230-1130 UTC in danger area bounded within 5NM radius from 09-17N TO 079-44E.
2.	Cancel this MSG 111230 UTC Sep 17.

629.	Cancel NAVAREA VII MSG 613 618 and this MSG.
630.	Lakshadweep Sea- off Felidhe Atoll. Chart 23 266 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 900 M tow length to Alang. PCS 03-37N 074-00E/006/2.5 at 080700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 623.
631.	NAVAREA VIII warnings in force as on 08 Sep 17:- 2016 SERIES - 432 464 572 644 723 2017 SERIES – 016 119 189 305 323 345 366 381 394 414 455 468 481 485 486 490 493 511 514 519 529 530 532 543 558 576 591 594 596 597 600 601 604 610 611 612 614 616 617 619 620 622 624 625 626 627 628 629 630 (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 151000 UTC Sep 17.
632.	Central Bay Of Bengal. Chart 31 32 INT 71. SLFV Hansamali reported adrift 15-00N 084-40E at 080230 UTC Sep 17. 2. Cancel this MSG 110230 UTC Sep 17.
633.	Bay Of Bengal – off Trincomalee. Charts 359 3014 INT 71. Naval firing practice scheduled on 14 Sep 17 from 0330 – 0730 UTC in danger area bounded within 08-20N TO 08-30N and 081-30E to 081-40E. 2. Cancel this MSG 140830 UTC Sep 17.
634.	India East Coast – off Ravva ODA. Charts 31 32 355 391 INT 71. SV Samudra Sarvekshak progressing soil investigation along 16-11.9N 081-44.74E to 16-11.85N 081-43.93E , 16-13.44N 081-43.22E to 16-12.64N 081-43.65E and 16-14.97N 081-40.24E to 16-13.64N 081-42.96E. Wide berth requested. 2. Cancel this MSG 201830 UTC Sep 17.
635.	India East Coast – Visakhapatnam. Charts 31 32 354 391 3002 INT 71. DGPS (17-41N 083-18E) off.
636.	Cancel NAVAREA VII MSG 630 and this MSG.
637.	Lakshadweep Sea – off South Maalhosmadulu Atoll. Chart 23 265 266 INT 71. Tug Miss Gaunt towing scrap tanker ishon with 700 M tow length to Alang. PCS 05-00N 072-42E/344/4.2 AT 110700 UTC Sep 17.
638.	Central Bay Of Bengal. Chart 31 32 INT 71. SLFV Hansamali reported adrift 14-51N 083-51E at 110630 UTC Sep 17. 2 Cancel this MSG 120630 UTC Sep 17.
639.	India West Coast - Gulf Of Khambhat. Charts 21 210 254 292 INT 71. Partially submerged boat reported adrift 210-2 KTS in vicinity of 20-16N 072-03E. Vessels transiting to exercise caution. 2. Cancel this MSG 150430 UTC Sep 17.
640.	India West Coast – Ratnagiri. Charts 22 212 INT 71. DGPS (16-59N 073-16E) off from 130230 UTC Sep 17.
641.	Cancel NAVAREA VIII MSG 532 and this MSG.
642.	India West Coast – Okha. Charts 21 203 252 291 2013 2031 INT 71. Okha Lt (22-28N 069-04E) off. 2. Cancel this MSG 171330 UTC Sep 17.
643.	Andaman Sea – North Andaman. Charts 33 41 404 4014 INT 71. North Button (12-19N 093-04E) and South Button Lt (12-13N 093-01E) unlit.
644.	Lakshadweep Sea – off Kavaratti I. Charts 22 268 273 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang.) PCS 09-59N 071-48E/351/4.5 AT 140700 UTC Sep 17. 2. Cancel NAVAEA VIII MSG 637.
645.	SW Indian Ocean – off Reunion Island. Charts 7070 INT 71. Gunnery exercise scheduled on 150300-150800, 151500-151800, 160900-161900, 170230-170800, 171000-171200 UTC Sep 17 in area bounded by 21-12S 054-57E, 21-39.02S 054-33.3E, 21-19.3S 054-25.54E, 21-26S 055-02.3E 2. Cancel THIS MSG 171300 UTC Sep 17.
646.	Bay Of Bengal – off Kankasanturai . Charts 32 358 INT 71. Naval firing practice scheduled on 18 and 19 Sep 17 from 0330-1200 UTC in danger circle extending 5 NM from 09-55N 080-33E. 2. Cancel this MSG 191300 UTC Sep 17.
647.	India West Coast – off Dabhol. Charts 21 22 256 293 INT 71. Firing by Naval Ship scheduled on 18 Sep 17 from 0830 - 1130 UTC in danger area bounded by 18-04N 072-39E, 17-41N 072-43E, 17-38N 072-23E, 18-00N 072-19E. 2. Cancel this MSG 181230 UTC Sep 17.
648.	India West Coast – off Netrani I. Charts 22 256 293 INT 71. Firing by Naval Ships scheduled on 19 Sep 17 from 0030 - 1030 UTC in danger area bounded within 13-56.2N to 14-07.2N and 074-13.6E to 074-25.07E. 2. Cancel this MSG 191130 UTC Sep 17.
649.	Andaman Sea – off Barren I. Charts 41 473 INT 71. Firing practice scheduled on 20 Sep 17 from 0430-0930 UTC in danger rea bounded within 11-50N to 12-00N AND 093-40E to 094-20E. 2. Cancel this MSG 201030 UTC Sep 17.
650.	Bay Of Bengal – off Trincomalee. Charts 359 3014 INT 71. Naval firing practice scheduled on 20 Sep from 0130-1030 UTC and 21 Sep 17 from 0630-0930 UTC in danger area bounded within 08-20N to 08-30N and 081-30E to 081-40E. 2. Cancel this MSG 211030 UTC Sep 17.

<p>651. India East Coast- Vishakhapatnam. Charts 31 308 3002 INT 71. Firing by Naval Coast Battery scheduled on 20 Sep 17 from 0030 - 0130 UTC in danger sector extending upto 17 NM between bearing 070 and 130 from 17-42N 083-18E. 2. Cancel this MSG 200230 UTC Sep 17.</p>
<p>652. India East Coast – off Gopalpur. Charts 31 352 353 3005 INT 706. Army Air Defence firing and BPTA flight scheduled on 21,22,23,27,28,29 Sep 17 from 0130-0730 and 0830-1430 UTC in danger area bounded by (A) 19-14.6N 084-53.7E (B) 19-07.39N 085-35.94E (C) 18-33.61N 084-53.74E and arc of 40 NM radius joining point B and C. 2. Cancel this MSG 291530 UTC Sep 17.</p>
<p>653. Lakshadweep Sea – off Cherbaniani. Charts 22 272 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang (.) PCS 11-50N 071-31E/351/5 at 150700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 644.</p>
<p>654. India West Coast - off Trivandrum. Charts 22 222 INT 71. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 20 Sep 17 from 0530-0730 UTC. 2. Danger Sector :- (A) Radius of 05 NM from Thumba between azimuth 190 and 300. (B) Radii of 45 and 75 NM from Thumba between azimuth 220 and 260. 3. Cancel this MSG 200830 UTC Sep 17.</p>
<p>655. NAVAREA VIII warnings in force as on 15 Sep 17:- 2016 SERIES - 432 464 572 644 723 2017 SERIES– 016 119 189 305 323 345 366 381 394 414 455 468 481 485 486 490 493 511 514 519 529 530 543 576 591 596 597 601 610 611 614 616 620 624 627 634 635 640 642 643 645 646 647 648 649 650 651 652 653 654 (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 221000 UTC Sep 17.</p>
<p>656. India East Coast – off Chennai . Charts 31 32 391 INT 71. Firing by CG Aircraft scheduled daily from 18 - 30 Sep 17 from 0130 - 1130 UTC in danger area bounded within 13-30N to 14-30N and 082-00E to 082-40E. 2. Cancel this MSG 301230 UTC Sep 17.</p>

6.1

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
D7119.4	ILE DE LA POSSESSION - Port Alfred. Pointe Seince. Ldg Lts 299°.Front	46 25.50 S 51 52.00 E	Q G	49	2	White beacon, black Stripe, red border	
	*						
D7119.41	- - - Rear. 70m from front	46 25.50 S 51 52.00 E	Q G	57	2	White beacon ,black Stripe, red border	
	*						
D7297.47	- Ra's Badran.SBM	28 55.02 N 33 09.93 E	FI R	15			
	*						
D7297.62	-- Ra's Umm Sudd	27 50.93 N 34 18.84 E	FI(3)W 20s	45	22	White □ on framework tower 17	
	*						
	- - -	..	Racon	..	..	..	ILRS Vol 2 Station75610. TD 2004
	*						
D7299.197	Remove from list; deleted						
D7299.199	- Qita'al Kirsh	22 26.00 N 38 59.58 E	FI G 10s	..	15	..	TE; Replaced by FI(3)G 4s 5M (T) 2017
	*						
D7300.81	Remove from list; deleted						
D7300.82	Remove from list; deleted						
	*						
D8800	AIN SUKHNA TERMINAL - SBM No 1	29 35.32 N 32 23.69 E	Mo(A)W 15s	..	..	Yellow superbuoy	Ra refl
	*						
D8801	- SBM NO 2	29 34.22 N 32 22.80 E	Mo(B)W 15s	..	..	Yellow superbuoy	Ra refl
	*						
D8802	- SBM NO 3	29 35.32 N 32 22.37 E	Mo(C)W 15s	..	..	Yellow superbuoy	Ra refl
	*						
D8803	- SBM NO 4	29 34.08 N 32 24.44 E	Mo(D)W 15s	..	..	Yellow superbuoy	Ra refl
	*						
F0361-6	-- SPM	22 40.68N 69 39.27E	Mo(U) W	..	5		
	*						
	- - -	..	Horn	..	..	..
	*						
F1202.6	North Button Island	12 19.10 N 93 04.18E	FI W 10s	57	8	White framework tower, black bands 14	<i>fl 0.5</i> TE 2017
	*						
F1202.64	South Button Island	12 13.43 N 93 01.19 E	FI W 15s	25	8	White metal framework tower, red bands 14	<i>fl 0.5</i> TE 2017
	*						

8.1

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 05 dated 01 Mar 2017)

NIL

INP 31(2), 2014

(Last correction: Edition No. 14 dated 16 Jul 2017)

PAGE 18, INDIA

Delete entry 78805 Mundra Port SPM

INP 31(5), 2011

(Last correction: Edition No. 01 dated 01 Jan 2017)

NIL

INP 31(6), 2012

(Last correction: Edition No. 14 dated 16 Jul 2017)

NIL

SECTION – X **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

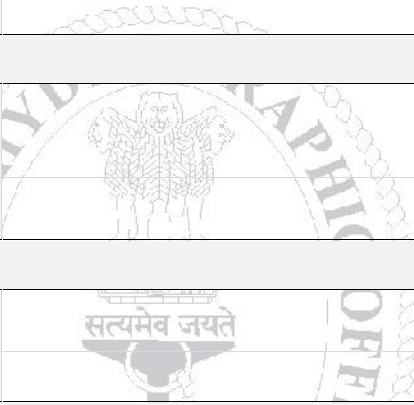
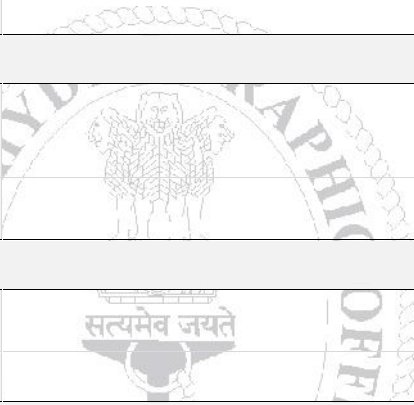
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication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

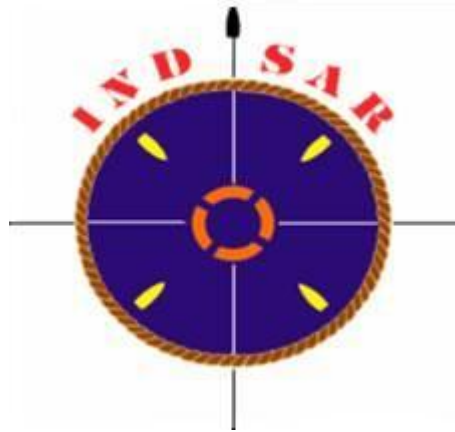


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes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