

INDIAN NOTICES TO MARINERS



EDITION NO. 13 DATED 01 JUL 2015

(CONTAINS NOTICES 110 TO 121)

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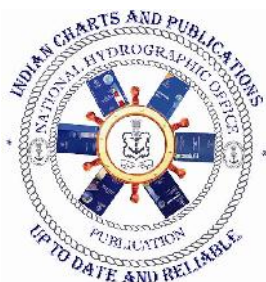
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

All mariners are cautioned against the use of counterfeit copies of IN Charts and publications. Navigational Charts produced from now on will carry a NHO crest as watermark on the reverse with backslip. Agents stamp is made 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 chart and publications.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC'S AND PUBLICATION

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2008	31-05-2015	APPROACHES TO KARWAR <u>Limits</u> 14° 43'.30N; 73° 58'.00E. 14° 52'.00N; 74° 11'.70E.	25,000	3	Rs. 1870.00
2102	15-05-2015	BHAVNAGAR PORT <u>Limits</u> 21° 40'.00N; 72° 13'.00E. 21° 46'.90N; 72° 25'.00E.	20,000	2	Rs. 1870.00
2524	15-06-2015	PORT OF ZANZIBAR <u>Limits</u> 06° 14'.00S; 39° 02'.87E. 06° 07'.00S; 39° 13'.50E.	20,000	1	Rs. 1870.00
4205	15-05-2015	REVELLO AND BERESFORD CHANNELS <u>Limits</u> 07° 51'.20N; 93° 13'.40E. 08° 08'.60N; 93° 40'.00E.	50,000	7	Rs. 1870.00

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
2008	30-06-2008	KARWAR HARBOUR AND APPROACHES	2008	31-05-2015
2102	31-08-2000	BHAVNAGAR PORT	2102	15-05-2015

3. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2037	VALINOKKAM ANCHORAGE; VAPPALODAI ANCHORAGE	30,000	New Chart
2521	ALDABRA ISLAND	15,000	New Chart
3005	GOPALPUR PORT	30,000	New Chart
	MACHILIPATNAM ANCHORAGE	35,000	

4. The new Indian Electronic Navigational Charts that are 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>
IN52008A	2008	APPROACHES TO KARWAR	30-06-2015
IN62102P	2102	BHAVNAGAR PORT	30-06-2015
IN44205R	4205	REVELLO AND BERESFORD CHANNELS	29-06-2015
IN62524P	2524	PORT OF ZANZIBAR	30-06-2015

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN42008K	2008	KARWAR HARBOUR AND APPROACHES	15-12-2014
IN52102B	2102	BHAVNAGAR PORT	14-10-2004

6. The new Indian Publication that is available for mariners in the market is as follows:-

<i>Title of Publication</i>	<i>Edition</i>
Indian List of Lights – Volume F & K	2015

Availability of ENCs.

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

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Web site: www.ukho.gov.uk	M/s Jeppesen Norway AS Hovalandsveien 52 PO Box 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: enc@jeppesen.com , info@c-map.co.no Website: www.jeppesen.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: data@ecc.no Website: - www.primar.org	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad- 500 034 Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com

VII TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Jul 2015

(Former In Force List dated 01 Apr 2015 is cancelled)

Cancelled Notices	
Area	Notice No.
1	<i>Nil</i>
2	<i>166/14, 194/14, 037/15</i>
3	<i>199/14, 086/15</i>
4	<i>Nil</i>

1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
445/06	20 – 21 – 286 – 291 – 2088 – 2094 – 2095 – 2096 – 7703 (INT 703) – 7705 (INT 705) – 8009 – 8010	ARABIAN SEA – RED SEA – Submarine cables.
216/13	2086	INDIAN OCEAN – MAURITIUS – Approaches to Port Louis – Works. Buoys.

2. INDIA WEST COAST – INDIAN OCEAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
085/09	2047	INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty.
152/11	2081 – 2100	INDIA – WEST COAST – Pipavav Port – Dredging.
182/12	21 – 22 (INT 752) – 292 (INT 7021) – 2093	INDIA – ARABIAN SEA – Argo Floats.
269/12	2022 (INT 7345) – 2020 – 2078 (INT 7346)	INDIA – WEST COAST – Port of Mormugao – Dredging.
038/13	2065	INDIA – WEST COAST – Port Dabhol – Buoy.
111/13	21 – 22 (INT 752) – 23 – 268 (INT 7353) – 273 – 292 (INT 7021) – 293 (INT 7022) – 7703 (INT 703) – 7705 (INT 705) – 7706 (INT 706)	INDIA – WEST COAST – Arabian Sea – Data Buoys – Tsunami Buoy.
129/13	211 – 2016 (INT 7336) – 2015 (INT 7337) – 2001 – 2076 (INT 7338)	INDIA – WEST COAST – Mumbai Harbour – Dredging Operation.
055/14	2004 (INT 7359) – 2029 (INT 7358)	INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging Channel limit.
065/14	23– 31– 33 – 7070 (INT 70) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7702 (INT 702) – 7703 (INT 703) – 7706 (INT 706) – 7707 (INT 707) – 7708 (INT 708)	INDIA OCEAN – Data Buoys.
098/14	2102– 2039	INDIA – WEST COAST – Bhavnagar Port – Jetty.

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2. INDIA WEST COAST – INDIAN OCEAN. (Continued).

099/14	21– 203 (INT 7319) – 2017	INDIA – WEST COAST – Gulf of Kachchh – Eastern Portion – Buoys.
116/14	2016 (INT 7336) – 2076 (INT 7338)	INDIA – WEST COAST – Inner Approaches to Mumbai – Construction Work.
135/14	211 – 2016 (INT 7336) – 2015 (INT 7337) – 2001	INDIA – WEST COAST – Inner Approaches to Mumbai – Buoys.
145/14	211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336)	INDIA – WEST COAST – Jawahar Lal Nehru Port and Trombay – Jetty.
200/14	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2015 (INT 7337) – 2016 (INT 7336) – 2076 (INT 7338)	INDIA – WEST COAST – Mumbai Port – Anchorage Berths. Wreck.
042/15	22 (INT 752) – 214– 293 (INT 7022) – 2022 (INT 7345)	INDIA – WEST COAST – Approaches to Mormugao – Unlit Vessel.
052/15	217 –258 (INT 7348)–272–293 (INT 7022) – 2002 (INT 7351) – 2052 (INT 7350)	INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Buoys. Dredging.
053/15	21– 291– 203 (INT 7319) – 2018 (INT 7321)	INDIA – WEST COAST – Gulf of Kachchh – Approaches to Kandla – Dredging. Buoys.
066/15	271 – 251 (INT 7318) – 203 (INT 7319) – 2031 (INT 7326) – 2068 – 2013 (INT 7324)	INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Buoys.
078/15	21 – 211 – 255 (INT 7334) – 293 (INT 7022) – 2016 (INT 7336) – 7071 (INT 71)	INDIA – WEST COAST – Inner Approaches to Mumbai – Buoys.
085/15	21 – 22(INT752) – 292(INT7021) – 293(INT7022) – 272 – 257(INT7343) – 259(INT7356) – 214 – 221	INDIA – WEST COAST – Arabian Sea – ADCP Moorings
087/15	273	INDIAN OCEAN – Kadmat Island to Ihavandiffulu Atoll –Buoy.
097/15	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 272 – 258 (INT 7348) – 254 (INT 7331) – 207 –217 – 2052 (INT 7350)	INDIA – WEST COAST – Diu Head to Mangalore – Buoy.
098/15	21– 208 – 209 – 254 (INT 7331) – 292 (INT 7021) – 2039– 2102	INDIA – WEST COAST– Bhavnagar Port – Anchorage.
099/15	215 – 216 – 2008 – 2010	INDIA – WEST COAST – Karwar Naval Harbour – Buoy.
109/15	2043 – 2042 – 2046	INDIA – WEST COAST – Vengurla Anchorage – Buoy.
120/15	21 – 291 – 292 – 253 – 254 – 203 – 207 – 2081 – 2068 – 2079 – 2100 – 2106	INDIA – WEST COAST – Gulf of Kachchh – Racon.
121/15	21 – 22 – 292 – 293 – 255 – 211 – 2016	INDIA – WEST COAST – Inner Approaches to Mumbai – Foul.

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
237/10	406 – 4010	ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.

IX

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR. (Continued).

145/11	351 – 301 – 3011 (INT 7421)	INDIA – EAST COAST – Approaches to Hugli River. Works.
094/12	33 – 41 (INT 757) – 402 – 403 – 404 – 405 – 406 – 407 – 408 – 409 – 471 – 472 (INT 7032) – 473 (INT 7031) – 4016 – 4035	INDIA – ANDAMAN SEA – Fish Aggregating Devices.
183/12 212/12	31 – 32 (INT 754) – 33 – 354 (INT 7408) 3034	INDIA – BAY OF BENGAL – Argo Floats. INDIA – EAST COAST – Krishnapatnam Port – Port Development. Dredging.
225/12	31 – 321 – 322 – 371 – 3020	BAY OF BENGAL – MYANMAR COAST – Combermere Bay to Cheduba Strait – Platform.
288/12	31 – 32 (INT 754) – 354 (INT 7408) – 355 (INT 7405) – 391 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706)	INDIA – EAST COAST – Bay of Bengal – Drilling Operation.
159/13	31 – 41 (INT 757) – 409 – 471 – 472 – 4035 – 4039	INDIA – ANDAMAN SEA – Nicobar Island – Campbell Bay – Jetty.
181/13	31 – 32 (INT 754) – 33 – 41 (INT 757) – 292 (INT 7021) – 404 – 405 – 472 (INT 7032) – 473 (INT 7031) – 7706 (INT 706) – 7707 (INT 707)	INDIA – EAST COAST – Bay of Bengal – Data Buoy. Tsunami Buoy.
195/13	352 (INT 7416) – 3005	INDIA – EAST COAST – Gopalpur Port – Breakwater. Wrecks. Onshore Installation.
208/14	41 (INT 757) – 410 – 411 – 451 – 452 – 4019	Myanmar – Yangon River – Buoys.
043/15	31 – 322 – 371	INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Drilling Operation.
054/15	41 (INT 757) – 451	INDIA – BAY OF BENGAL – Preparis North Channel to Rangoon River – Drilling Operation.
055/15	31 – 41 (INT 757) – 371 (INT 757)	INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.
056/15	31 – 41 (INT 757) – 371 (INT 757)	INDIA – BAY OF BENGAL – Mayu River to Kyaukpyu – Survey Operation.
067/15	31 – 301 – 351 (INT 7419)	INDIA – EAST COAST – Paradip to Pussur River – Buoy.
068/15	31 – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411)	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
100/15	31 – 32 (INT 754) – 33 – 308 – 352 (INT 7416) – 354 (INT 7408) – 355 (INT 7405) – 357 (INT 7397) – 391	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

383/03	33 – 41 (INT 757)	INDONESIA – Sumatera – North and Northwest Coasts – Restricted area.
377/07	7508 (INT 508)	INDONESIA – Sumatera – Pulau Belitung West Coast – Tanjungpandan to Jawa North Coast – Pakis – Submarine cable.
238/10	41 (INT 757) – 471	INDONESIA – Sumatera – North West Coast – Pulau Bunta – Lights.

SECTION – I

The list of charts affected by the Notices 110 to 121 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	114, 120 (T), 121 (T)
22 (INT 752)	3	121 (T)
201	2	114
202	2	114
203 (INT 7319)	2	120 (T)
204	2	113
207	2	120 (T)
208	2	112
209	2	111
211	3	121 (T)
215	3	110
251 INT 7318)	2	114
252 (INT 7325)	2	113
253 (INT 7328)	2	120 (T)
254 INT 7331)	2	111, 120 (T)
255 (INT 7334)	3	121 (T)
271	2	113, 114
291	2	114, 120 (T)
292 (INT 7021)	2	120 (T), 121 (T)
293 (INT 7022)	3	121 (T)
320	7	118
321	7	118
355 (INT 7405)	5	116
360	7	119
361	7	119
401	6	117
408	6	110
2005	2	114
2009	3	110
2016 (INT 7336)	3	121 (T)
2039	2	112
2044	2	111
2068	2	120 (T)
2079	2	120 (T)
2081	2	120 (T)
2082	2	112
2100 (INT 7344)	2	120 (T)
2101	2	111
2106	2	120 (T)
2108	2	111
3016	4	115
3019	7	118
3022	7	118
4037	6	110

SECTION – II
PERMANENT NOTICES

***110 (13/15) Miscellaneous updates to charts.**

Source: NHO Dehradun.		
Chart	Previous Updates	Details
215	060/15	Insert Chart No.2008 and Magenta limit as follows: 14° 43'·30N., 73° 58'·00E. 14° 52'·00N., 73° 58'·00E. 14° 52'·00N., 74° 11'·70E. 14° 43'·30N., 74° 11'·70E. 14° 43'·30N., 73° 58'·00E.
		Delete Chart No.2008 and Magenta limit as follows: 14° 43'·30N., 73° 58'·00E. 14° 52'·00N., 73° 58'·00E. 14° 52'·00N., 74° 11'·72E. 14° 43'·30N., 74° 11'·72E. 14° 43'·30N., 73° 58'·00E.
408	074/15	Insert Chart No.4205 and Magenta limit as follows: 07° 51'·20N., 93° 13'·40E. 08° 08'·60N., 93° 13'·40E. 08° 08'·60N., 93° 40'·00E. 07° 51'·20N., 93° 40'·00E. 07° 51'·20N., 93° 13'·40E.
2009	075/15	Insert Chart No.2008 and Magenta limit as follows: 14° 43'·30N., 74° 06'·60E. (W Border) 14° 43'·30N., 74° 11'·70E. 14° 45'·00N., 74° 11'·70E. (N Border)
4037	074/15	Insert Chart No.4205 and Magenta limit as follows: 08° 08'·00N., 93° 13'·40E. (S Border) 08° 08'·60N., 93° 13'·40E. 08° 08'·60N., 93° 40'·00E. 08° 08'·00N., 93° 40'·00E. (S Border)

***111(13/15) INDIA – WEST COAST – Essar Bulk Terminal – Foul.**

Source: VTS Khambhat.

Chart 254(INT 7331) [previous update 058 /15]

Insert # 21° 02'·47N., 72° 37'·71E.

Chart 209 [previous update 201/14]

Insert # 21° 02'·47N., 72° 37'·71E.

Chart 2044 [previous update 201/14]

Insert # 21° 02'·46N., 72° 37'·74E.

Chart 2101 [previous update 044 /15]

Insert # 21° 02'·46N., 72° 37'·74E.

Chart 2108 [previous update 201 /14]

Insert # 21° 02'·50N., 72° 37'·70E.

***112(13/15) INDIA – WEST COAST – Approaches To Dahej – Foul.**

Source: VTS Khambhat.

Chart 208 [previous update 057/15]

Insert # 21° 40'·17N., 72° 25'·41E.

Chart 2039 [previous update 057/15]

Insert # 21° 40'·16N., 72° 25'·43E.

Chart 2082 [previous update 057 /15]

Insert # 21° 40'·20N., 72° 25'·40E.

***113(13/15) INDIA – WEST COAST – Approaches To Gulf of Kachchh – Okha Mandal – Foul.**

Source: HQCGR (NW).

Chart 271 [previous update 080/15]

Insert # 22° 01'·70N., 68° 56'·20E.

Chart 252 (INT 7325) [previous update 089 /15]

Insert # 22° 01'·70N., 68° 56'·20E.

Chart 204 [previous update 084 /15]

Insert # 22° 01'·70N., 68° 56'·20E.

***114(13/15) INDIA – WEST COAST – Approaches to Godia Creek – Wreck.**

Source: Gujarat Maritime Board.

Chart 21 [previous update 094/15]Delete  23° 14'·97N., 68° 32'·01E.**Chart 291** [previous update 094/15]Delete  23° 14'·97N., 68° 32'·01E.**Chart 271** [previous update 113/15]Delete  PA 23° 13'·35N., 68° 34'·78E.

23° 15'·00N., 68° 32'·00E.

Chart 251 (INT 7318) [previous update 080/15]Delete  PA 23° 13'·35N., 68° 34'·78E.

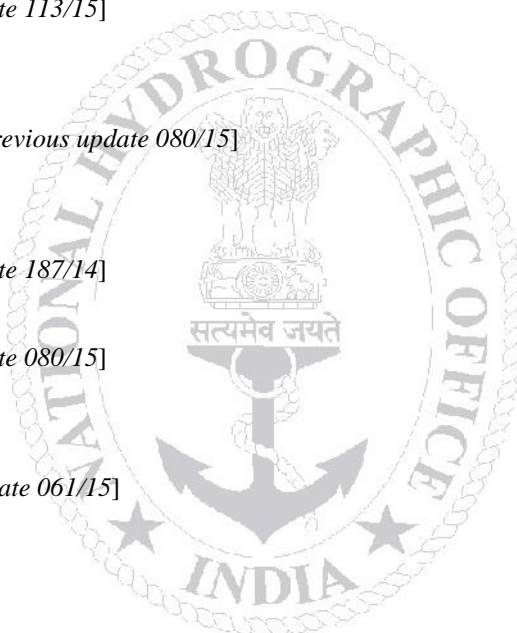
23° 14'·97N., 68° 32'·01E.

Chart 201 [previous update 187/14]Delete  23° 15'·00N., 68° 32'·00E.**Chart 202** [previous update 080/15]Delete  PA 23° 13'·35N., 68° 34'·78E.

23° 15'·00N., 68° 32'·00E.

Chart 2005 [previous update 061/15]Delete  PA 23° 13'·35N., 68° 34'·78E.

23° 15'·00N., 68° 32'·00E.

***115(13/15) INDIA – EAST COAST – Approaches to Mandapam – Tower.**

Source: IH 102, ICGS Mandapam.

Chart 3016 [previous update 034/15]Insert  Water TR (25) 09° 16'·855N., 79° 09'·556E.***116(13/15) INDIA – EAST COAST – Ramayapatnam To Sacramento Shoal – Foul.**

Source: IH-102, Transocean.

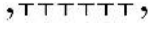
Chart 355 (INT 7405) [previous update 048 /15]

Insert # 16° 24'·56N., 82° 21'·62E.

***117/(13/15) INDIA – ANDAMAN ISLANDS – Preparis Island to Landfall Island – Explosive Dumping Ground.**

Source: Myanmar Hydrographic Centre.

Chart 401 [previous update 062/13]

Insert limit of explosive dumping ground  joining:

14° 10′.01N., 93° 50′.00E. (E Border)

14° 10′.01N., 93° 47′.25E.

14° 15′.01N., 93° 47′.25E.

14° 15′.01N., 93° 50′.00E. (E Border)

legend, "Explosive Dumping Ground", centered on

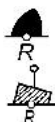
14° 12′.50N., 93° 48′.50E.

***118/(13/15) BAY OF BENGAL – BURMA – Sittwe Harbour – Buoys.**

Source: IH 102, INS Darshak.

Chart 321 [previous update 103/15]

Delete



20° 01′.28N., 92° 53′.85E.

20° 02′.65N., 92° 40′.20E.

Chart 320 [previous update 062/15]

Delete



20° 01′.35N., 92° 53′.85E.

20° 02′.62N., 92° 40′.18E.

Chart 3022 [previous update 103/15]

Insert



20° 08′.054N., 92° 54′.342E.



20° 07′.173N., 92° 54′.718E.



20° 07′.044N., 92° 54′.505E.

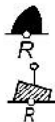


20° 06′.425N., 92° 54′.800E.



20° 06′.422N., 92° 54′.510E.

Delete



20° 01′.330N., 92° 53′.840E.

20° 02′.650N., 92° 40′.210E.

Chart 3019 [previous update 103/15]

Insert



20° 07′.994N., 92° 54′.502E.



20° 07′.113N., 92° 54′.878E.



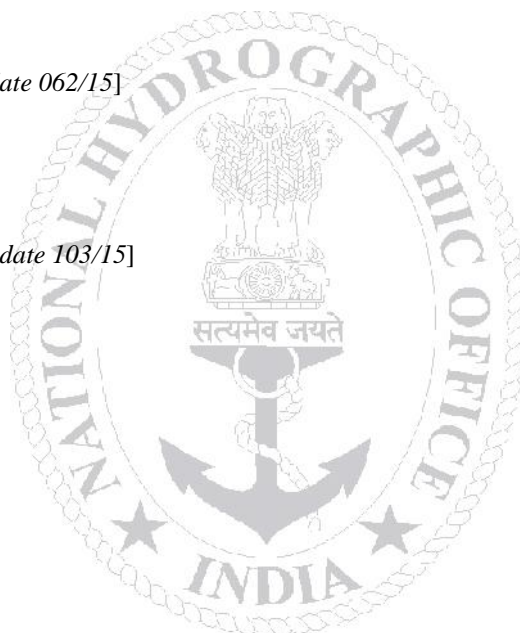
20° 06′.984N., 92° 54′.665E.



20° 06′.365N., 92° 54′.960E.



20° 06′.362N., 92° 54′.670E.



***119(13/15) BAY OF BENGAL – BANGLADESH – Maiskhal Island – Obstruction.**

Source: IH-102, MV Singapore Bulker.

Chart 360 [previous update 171 /14]

Insert :Obstrn

21° 33′·71N., 91° 45′·33E.

Chart 361 [previous update 171 /14]

Insert :Obstrn

21° 33′·72N., 91° 45′·35E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***120(T)/(13/15) INDIA – WEST COAST – Gulf of Kachchh – Racon.**

Source: DLL Gandhidham, DLL Jamnagar.

1. Following lighthouse RACON are reported inoperative.

SI No.	Name	Postion	RACON Code	Charts Affected
(a)	Savaibet	20° 54'·16N., 71° 31'·54E.	'M'	21 – 292 (INT 7021) – 254 (INT 7331) – 253 – 207 – 2081 – 2100
(b)	Navinal Island	22° 43'·88N., 69° 42'·37E.	'C'	21 – 291 – 203 (INT 7319) – 2068 – 2079 – 2106

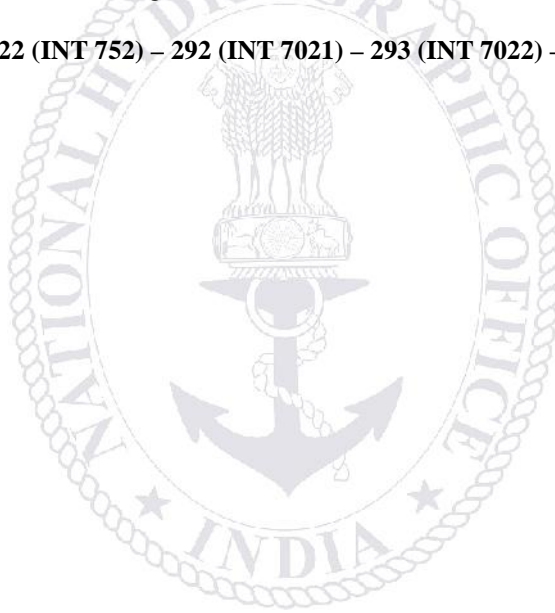
2. Mariners are advised to contact local port authorities for more information.

***121(T)/(13/15) INDIA – WEST COAST – Inner Approaches to Mumbai – Foul.**

Source: IH 102, INS Makar.

1. 700 concrete coated pipes reported fallen overboard from cargo barge Freight – 75 and sunk in vicinity 18° 59'·72N., 72° 40'·62E. Extent of submerged pipe area is approximately 46 meters by 29 meters.
2. Mariners are advised to navigate with caution in the area and contact local port authorities for more information.

Chart Affected – 21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016.



SECTION – IV **MARINE INFORMATION**

1. **NAVTEX TRANSMISSION**

MSI Promulgation by NAVTEX Stations at Mumbai and Chennai are temporarily out of operation.

(Source – DG Shipping)

2. **MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS**

All merchant vessels entering Indian EEZ are advised that dense fishing activity may be encountered off West Coast of India. Fishing is generally carried out by mechanized boats and single hull boats with outboard motors carrying 4-5 crew using long lines upto 50 NM from coast. The vessels traversing the nets are likely to be approached by fishing boats for safeguarding nets and lines and should not be mistaken as skiffs and PAG's. Masters of vessels to report any suspicious activity of fishing vessels immediately to MRCC (Mumbai) on telephone +91-22-24388065, 24316558, Email: - indsar@vsnl.net, or icgmrc_mumbai@mtnl.net . Any suspicious activity of skiffs / boats to be photographed if possible. Merchant vessels with armed guards on board are to report presence of guards to Indian Navy/Coast Guard while transiting Indian EEZ.

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN ECDIS**

(a) Mariners are advised that the International Hydrographic Organization (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode.

Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html for further information.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

(Source - NAVAREA VIII Warning 141/12 & 529/12)

4. **SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME**

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates for the above have been published in the fortnightly Indian Notices to Mariners Edition No 14 of 2008 (16th July 2008).

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

(b) Recommended routes have been established along the coast of Gujarat. These are to assist mariners to navigate safely in order to represent the best routes for crossing traffic and to minimize head-on

encounters in vicinity of Oilfield Development Areas and regulate coastal traffic. Mariners are advised to keep 1 to 2 miles starboard of the shown routes consistent with Rules of the Road.

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

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

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

6. **USAGE OF THURAYA/ IRRIDUM AND SATELLITE PHONE**

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

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


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

7. **CAUTIONARY NOTE**

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

Distribution of Indian Paper Charts and Nautical Publications

Indian Nautical Charts and Publications from National Hydrographic Office, India are now available globally. Details of overseas chart agents are as follows:-

<p>JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no Site: www.c-map.no</p>	<p>C-Map US Commercial 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: info@c-map.com</p>	<p>C-Map (UK) Ltd. Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: info@c-map.co.uk</p>
<p>Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com</p>	<p>Bogerd Martin NV, Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: sales@martin.be Site: www.martin.be</p>	<p>Bogerd Martin Tianjin(China Branch) 2-B101 FTZ Hi-Tech Development Centre 131 Haibin 9 Road 300461 Tianjin China Ph: +86 22 257 62 721 Fax: +86 22 257 62 722 Email: charts-tj@martincn.com</p>
<p>C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl</p>		

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg	EW Liner Charts & Publication (India) 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@vsnl.com, sales@ccmarine.in	Gujarat Pipavav Port Limite PO – Ucchayya, Dist.- Amereli Gujarat – 365 560 Tele:- 91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 6510 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: RajShekhar.Chakravorty@jeppesen.com, info@jeppesen.com Website: www.jeppesen.com
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@mtnl.net.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +919937064299 Email: ashiskantha@gmiindia.in Web: www.gmiindia.in
Lift O Marine Allen's Mansion, C6 Nungi Station Road, Kolkata – 700140 Mob: +91 9836972027 / 8902228463 Email: sankar@liftomarine.org / liftomarine77@gmail.com Web: www.liftomarine.org	M/s L. R. Marine Services 301, 3rd Floor, Biry House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-6635 9148 Cell No: +91 8108926880/+91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com
M/s Engineering Logistics Executive Multi Services Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar Malkapuram Visakhapatnam - 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: www.elemscharts.in	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills, Hyderabad- 500 034 Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com
M/s Aatash Computer & Communications Pvt. Ltd. 213, Devarc Commercial Complex Nr. Iscom Circle (above Woodland Showroom) S. G. Highway Ahmedabad – 380 015 Mob: +91 7926923982 Email: jyoti@aatash.com, zubin@aatash.com	

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings in force as on 30 Jun 15:

2014 SERIES – 233 241 398 415 438 586 614 654 676
2015 SERIES – 124 154 161 178 206 247 287 288 298 309 334 385 386 395 406 407 408 410 421 423 429 430 436 438 439 441 445 446 450 452 454 456 457 458 459 463 465 466 468 469 470 471 472

3. NAVAREA VIII Warnings issued during the period from 16 Jun to 30 Jun 15 (both dates inclusive) are as tabulated below: –

<p>432. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 71. Firing practice by Naval Coast Battery scheduled on 22 Jun 15 from 0530-0730 UTC.</p> <p>2. Danger area extending up to 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E.</p> <p>3. Safe flying ht 12800 m.</p> <p>4. Cancel this MSG 220830 UTC Jun 15.</p>
<p>433. India East Coast – Bay of Bengal. Charts 31 32 33 356 391 INT 706. CG aircraft firing practice scheduled daily from 22-30 Jun 15 from 0130-1130 UTC in area bounded by 13-30N 082-00E, 14-30N 082-00E, 14-30N 082-40E, 13-30N 082-40E.</p> <p>2. Safe flying ht 2000 m.</p> <p>3. Cancel this MSG 301230 UTC Jun 15.</p>
<p>434. Cancel NAVAREA VIII 413 419/15 and this MSG.</p>
<p>435. Indian West Coast – off Mumbai. Charts 21 211 255 292 INT 71. DSV Samudra Prabha progressing diving ops at Lateral and Plems till 24 Jun 15 in position 18° 58.99N 072° 22.68E, 18° 56.60N 072° 27.77E, 18° 54.17N 072° 32.86E, 18° 59.00N 072° 22.61E, 18° 56.58N 072° 27.71E, 18° 54.17N 072° 32.80E.</p> <p>2. Wide berth of 01 NM around vessel requested.</p>
<p>436. Indian Ocean – Western Part. Charts INT 71. FV Marie Laure with 04 crew reported missing since 11 Jun in vicinity of 02-43.24S 054-20.01E. EP 00-42.37S 054-38.7E on 150655 UTC Jun 15.</p>
<p>437. Indian Ocean – Northern Part. Charts INT 71 INT 706. SLFV Lucky-04 with 05 crew reported missing since 17 Jun 15 in vicinity of 01-00N 077-00E.</p>
<p>438. Indian West Coast – Gulf of Kuchchh. Charts 21 203 252 INT 71. STS lighterage ops shifted from Mumbai to LPO Vadinar for duration of monsoon to area within 1 NM radius from 22-32.0N 069-36.5E.</p>
<p>439. India West Coast – Gulf of Khambhat. Charts 21 208 209 292 INT 71. Hazira DGPS Tx off.</p>
<p>440. Cancel NAVAREA VIII 405/14 404 417/15 and this MSG.</p>
<p>441. Cancel NAVAREA VIII 425/15. Indian Ocean – SW part. Charts INT 70. Capsized catamaran reported adrift in vicinity 27-51.7S 063-01.6E on 05 Jun 15. Present EP between 27S–30S and 064E – 066E.</p> <p>2. Report sighting to MRCC cape town.</p>
<p>442. India East Coast – Chennai. Charts 32 33 313 356 357 3001 INT 706. Firing practice by Naval Coast Battery scheduled on 26 Jun 15 between 0530 - 0730 UTC.</p> <p>2. Danger sector extending up to 11 NM between bearing 045 and 075 from 13-07.03N 080-18.02E.</p> <p>3. Safe flying ht 12800 m.</p> <p>4. No vessels permitted in danger area.</p> <p>5. Cancel this MSG 260830 UTC Jun 15.</p>
<p>443. Indian East Coast – Chennai. Charts 33 313 357 INT 71. Pulicat DGPS Tx off on 21 Jun from 0030-1030 UTC.</p> <p>2. Cancel this MSG 211230 UTC Jun 15.</p>
<p>444. NAVAREA VIII Warnings in Force as on 19 Jun 2015 2014 series – 233 241 398 415 438 586 614 654 676 2015 series – 124 154 161 178 206 247 287 288 298 309 334 366 382 385 386 395 397 406 407 408 410 415 421 423 426 429 430 431 432 433 435 436 437 438 439 441 442 443 Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on www.hydrobharat.nic.in.</p> <p>2. Cancel this MSG 261004 UTC Jun 15.</p>

<p>445. Indian West Coast – Arabian Sea. Charts 22 293 INT 71. MV TCI Arjun reported 02 laden and 03 empty containers fallen overboard and adrift in position 16-33.87n 070-59.00e on 20 Jun 15.</p> <p>2. Caution advised and report sighting.</p>																
<p>446. Indian West Coast – off Mumbai. Charts 21 255 293 INT 71. 20 empty containers reported fallen overboard from MV Mol Cosmos on 220432 UTC Jun 15 and adrift 5 to 10 NM around datum 18-15N 071-45E.</p> <p>2. Caution advised and report sighting</p>																
<p>447. Indian West Coast – off Mumbai. Charts 21 211 255 293 INT 71. MV Jindal Kamakshi reported anchored in position 19-28.33N 072-28.06E and listing heavily to port. Vessel unmanned and unlit.</p> <p>2. Wide berth from vessel advised.</p>																
<p>448. Indian East Coast – Bay of Bengal. Charts 31 33 INT 71 INT 706. SLFV Kelum Putha-02 reported damaged and missing with 06 crew since 22 Jun 15 in vicinity of 15-00N 085-52E.</p>																
<p>449. India East Coast – Chennai. Charts 32 33 313 356 357 3001 INT 706. Firing practice by Naval Coast Battery scheduled on 26 Jun 15 between 0530 - 0730 UTC.</p> <p>2. Danger sector extending up to 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E.</p> <p>3. Safe flying ht 12800 m.</p> <p>4. No vessel permitted in danger area</p> <p>5. Cancel this MSG 260830 UTC Jun 15.</p>																
<p>450. India East Coast – off Gopalpur. Charts 31 352 353 391 3005 INT 706.</p> <p>2. Army air defence firing and BPTA flight scheduled from 282330-291730, 292330-301730 UTC Jun 15, 302330 UTC Jun - 011730 Jul, 012330- 021730, 022330- 031730, 032330- 041730, 042330- 051730, 082330- 091730, 092330- 101730, 102330- 11730, 152330- 161730, 162330- 171730, 172330- 181730, 292330- 301730, 302330- 311730 UTC Jul 15.</p> <p>3. Firing area bounded by (a) 19-14.60N 084-53.70E (b) 19-07.39N 085-35.94E (c) 18-33.61N 084-53.74E and arc of 42 NM radius joining point (b) and (c) (.). Safe flying ht 6100 m.</p> <p>4. Bpta flight in area bounded by 19-17.67N 084-55.21E, 19-10.75N 084-47.38E, 18-56.03N 084-52.64E, 19-12.33N 085-14.92E. Safe flying ht 1525 m.</p> <p>5. No overflight and vessels permitted in danger area.</p> <p>6. Cancel this MSG 311830 UTC July 15.</p>																
<p>451. Indian West Coast – Arabian Sea. Charts 22 293 INT 71. MV Sisouli Prem reported loss of life buoy with self igniting Lt in vicinity of 15-18.4N 071-42.8E on 21 Jun.</p> <p>2. Cancel this MSG 241000 UTC Jun 15.</p>																
<p>452. Indian West Coast – Gulf of Khambhat. Charts 21 253 292 INT 71. One barge under tow by tug Pacific Buccaneer reported adrift NE-02 Kts in position 20-43.2N 070-24.4E on 221755 UTC Jun 15 due broken tow wire.</p> <p>2. Vessel transiting through area to excise caution and report sighting.</p>																
<p>453. Andaman Sea – South Andaman. Charts 33 41 405 472 INT 706. Chidiyatapu Lt ALOL 1210.5 unlit.</p>																
<p>454. Indian West Coast – off Mumbai. Charts 21 292 293 255 2016 INT 71. MV TCI Arjun reported 02 empty containers fallen overboard and adrift in position 18-56.20N 072-30.76E on 221120 UTC Jun 15.</p> <p>2. Vessel transiting in area to excise caution and report sighting.</p>																
<p>455. India West Coast – SW of Daman. Charts 21 209 210 254 292 INT 71. MV Coastal Pride reported sunk in position approx 20-16.24N 072-38.59E on 23 Jun 15. All crew rescued.</p> <p>2. Vessels transiting through area to exercise caution.</p>																
<p>456. India West Coast – Gulf of Khambhat. Charts 21 209 254 292 INT 71. MV Shunter reported loss of anchor with cable in position 21-02.5N 072 -37.7E.</p>																
<p>457. Bay of Bengal – Bangladesh. Charts 31 360 361 INT 71. MV Singapore Bulker with 12.8 m draft reported touched bottom in position 21-33.76N 091-45.16E due uncharted obstruction.</p> <p>2. Caution advised.</p>																
<p>458. India East Coast – Bay of Bengal. Charts 32 33 356 INT 706. Firing by Naval aircraft scheduled daily from 01-07 and 15-21 Jul 15 from 0230-1130 UTC.</p> <p>2. Danger area extending 15 NM around 13-50N 081-40E. Safe flying ht 3050 m.</p> <p>3. No vessel permitted in danger area.</p> <p>4. Cancel this MSG 211230 UTC Jul 15.</p>																
<p>459. India West Coast – Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery scheduled on</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>03 JUL</td> <td>0900 TO 1200</td> </tr> <tr> <td>07 JUL</td> <td>0900 TO 1200 AND 1230 TO 1430</td> </tr> <tr> <td>10 JUL</td> <td>0900 TO 1200</td> </tr> <tr> <td>14 JUL</td> <td>0900 TO 1200</td> </tr> <tr> <td>17 JUL</td> <td>0900 TO 1200</td> </tr> <tr> <td>21 JUL</td> <td>0900 TO 1200</td> </tr> <tr> <td>24 JUL</td> <td>0900 TO 1200 AND 1230 TO 1430</td> </tr> </tbody> </table>	Date	Time (UTC)	03 JUL	0900 TO 1200	07 JUL	0900 TO 1200 AND 1230 TO 1430	10 JUL	0900 TO 1200	14 JUL	0900 TO 1200	17 JUL	0900 TO 1200	21 JUL	0900 TO 1200	24 JUL	0900 TO 1200 AND 1230 TO 1430
Date	Time (UTC)															
03 JUL	0900 TO 1200															
07 JUL	0900 TO 1200 AND 1230 TO 1430															
10 JUL	0900 TO 1200															
14 JUL	0900 TO 1200															
17 JUL	0900 TO 1200															
21 JUL	0900 TO 1200															
24 JUL	0900 TO 1200 AND 1230 TO 1430															

459. Continued. 28 JUL 0900 TO 1200 31 JUL 0900 TO 1200 2. Firing area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09- 44.0N 076-17.5E, 09-42.5N 076-09.5E. Safe flying ht 10000 m. 3. No vessel permitted in danger area. 4. Cancel this MSG 311300 UTC Jul 15.
460. Andaman Sea – South Andaman. Charts 33 41 405 473 INT 71 INT 706. Firing practice on passage island scheduled on 02 Jul 15 from 0130-0600 UTC in area bounded by 11-17N 092-34E, 11-05N 092-34E, 11-05N 092-48E, 11-17N 092-48E. Safe flying ht 6000 m. 2. No vessel permitted in danger area. 3. Cancel this MSG 020700 UTC Jul 15.
461. Arabian Sea – Gulf of Khambhat. Charts 21 207 254 292 INT 71. Savaibet Lt ALOL F-0436 unlit.
462. Cancel NAVAREA VIII 435 453/15 and this MSG.
463. Cancel NAVAREA VIII 431. India East Coast – off Balasore. Charts 31 301 351 INT 71 INT 706. Experimental flight trial scheduled from ITR daily from 0430-0630 and 0830-1030 UTC from 29 Jun - 01 Jul 15 in area bounded by 21-06.72N 086-54.36E, 21-05.04N 087-06.42E, 21-28.11N 088-05.13E, 21-45.57N 087-57.21E, 21-22.50N 086-58.52E, 21-13.70N 086-51.21E, 21-06.72N 086-54.36E and 02-03 Jul 15 in area bounded by 21-06.72N 086-54.36E, 21-05.04N 087-06.42E, 21-15.57N 087-33.07E, 21-43.86N 087-21.28E, 21-22.50N 086-58.52E, 21-13.70N 086-51.21E, 21-06.72N 086-54.36E. 2. No over flight and shipping permitted in danger area. 3. Cancel this MSG 031130 UTC Jul 15.
464. Cancel NAVAREA VIII 437 448 461/15 and this MSG.
465. <u>Navarea viii warnings in force as on 26 jun 2015</u> <u>2014 Series</u> – 233 241 398 415 438 586 614 654 676 <u>2015 Series</u> – 124 154 161 178 206 247 287 288 298 309 334 385 386 395 397 406 407 408 410 415 421 423 429 430 433 436 438 439 441 445 446 447 450 452 454 455 456 457 458 459 460 463 464 (a) NAVAREA VIII warnings less than 42 days old (385/15 onward) promulgated via SafetyNet. (b) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available on www.hydrobharat.nic.in . 2. Cancel this MSG 031003 UTC Jul 15.
466. India West Coast – off Mumbai. Charts 21 211 255 292 INT 71. DSV Samudra Prabha progressing diving ops at Lateral and Plems till 10 Jul 15 in position 18 -54.17N 072-32.85E, 18-59.00N 072-22.61E, 18-56.58N 072-27.71E, 18-54.17N 072-32.80E 2. Wide berth of 01 NM around vessel requested. 3. Cancel this MSG 101830 UTC Jul 15.
467. India East Coast. Charts 32 356 357 INT 71 INT. National AIS at RCC Chennai will be off from 0430-0830 UTC on 29 Jun 15. 2. Cancel this MSG 290930 UTC 29 Jun 15.
468. Cancel NAVAREA VIII 460/15. Andaman Sea – South Andaman. Charts 33 41 405 473 INT 71 INT 706. Firing practice on Passage Island scheduled on 02 Jul 15 from 0700-1130 UTC in area bounded by 11-17N 092-34E, 11-05N 092-34E, 11-05N 092-48E, 11-17N 092-48E. Safe flying ht 6000 m. 2. No vessel permitted in danger area. 3. Cancel this MSG 021230 UTC Jul 15.
469. Indian Ocean – off Dondra Head. Charts 23 32 264 INT 71. Sri Lankan FV Lakshan-03 reported missing with 03 crew since 26 Jun 15 in vicinity of 05-45N 080-49E.
470. Cancel NAVAREA VIII 455. India West Coast – off Daman. Charts 21 209 210 254 292 INT 71. MV coastal pride sunk in position 20-16.24N 072-38.59E on 23 Jun 15. Vessel drifted and located in position approx 20-20.8N 072-45.2E on 27 Jun 15. 2. Vessels transiting through area to exercise caution.
471. Indian East Coast – off Andhra Coast. Charts 31 32 33 308 354 INT 71 INT 706. Two fishing boats with Regn 1446/EG1/MC and 1641 reported missing with crew since 16 Jun 15.
472. Cancel NAVAREA VIII 415 447/15 and this MSG.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

- NIL -

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

Miscellaneous Correction

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
For							
F 0973.085	-Trestle Bridge. Head	17 40.96 N 83 17.93 E	F R				TE 2014
Read							
F 0973.087	-Trestle Bridge. Head	17 40.96 N 83 17.93 E	F R				TE 2014
No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7363.2	-Sadiyat. E Breakwater. Head	24 32.38 N 54 23.60 E	FI Y 4s				
			*	*			
D7752	Deleted; Remove from list						
D9132	Deleted; Remove from list						
F0973.08	-S Breakwater. NE end	17 41.07 N 83 18.70 E	FI(2) R 5s	10	5		TE 2015 *
F0973.085	-Oil Berth. E Head	17 41.03 N 83 18.37 E	F R				TE 2015 *
F0973.086	--W Head	17 40.95 N 83 18.16 E	F R				TE 2015 *
F0973.087	-Trestle Bridge. Head	17 40.96 N 83 17.93 E	F R				TE 2015 *
F0973.1	-Sunken Ship Breakwater. E end	17 41.18 N 83 17.87 E	F R				TE 2015 *
F0973.12	- Fishing Harbour. Ldg Lts 234° 30'. Front	17 41.73 N 83 18.21 E	FI R 1.5s	13			TE 2015 *
F0973.14	--Rear. 129 m from front	17 41.69 N 83 18.16 E	Oc R 3s	17			TE 2015 *
F1386	- Pulau Jemur	2 52.84 N 100 34.01 E	FI W 5s	46	18	White metal framework tower 24	fl 1 090°-000°(270°) *
F1669	Permatang Alur Mudah. Mudah Selatan	1 25.13 N 103 11.09 E	FI(3)W 15s	26	16	White round GRP tower on piled platform	
	--	..	Racon	ILRS Vol 2 Station 79950 TD 2015 *

7.2

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F1822	Pulau Mungging	1 21.73 N 104 17.89 E	Fl W 3s	24	15	White metal tower, framework base 8	<i>f</i> 0.3
-	-	..	Racon	ILRS Vol 2 Station 80390. TD 2015 *

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 08 dated 16 Apr 2015)

NIL

INP 31(2), 2014

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

NIL

INP 31(5), 2011

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

NIL

INP 31(6), 2012

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

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@nic.in, msis-inho-navy@nic.in
Fax No.: +91-135- 2748373
WEB: www.hydrobharat.nic.in

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

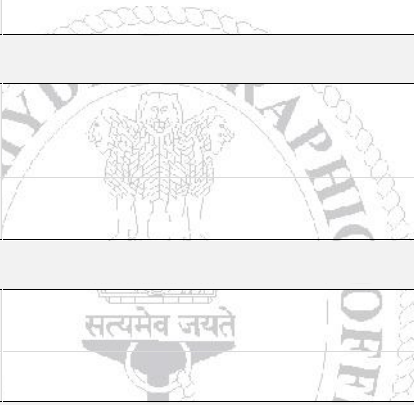
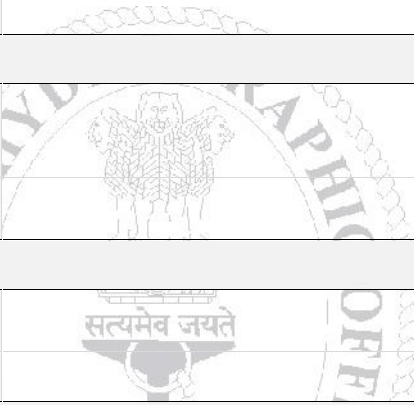
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication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



HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, 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