

INDIAN NOTICES TO MARINERS

EDITION NO. 13 DATED 01 JUL 2016

(CONTAINS NOTICES 129 TO 134)



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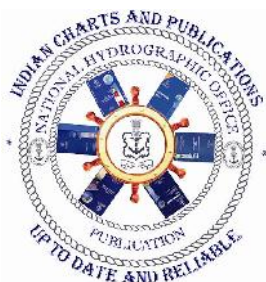
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(PUBLISHED ON NHO WEBSITE ON 1ST & 16TH OF EVERY MONTH)

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INSIST ON INDIAN CHARTS AND
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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 overloading 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 Charts that are available for mariners in the market is as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
33 (INT 755)	31-05-2016	BAY OF BENGAL - SOUTHERN PORTION <u>LIMITS</u> 05° 30'.00N; 80° 00'.00E. 14° 25'.00N; 94° 00'.00E.	15,00,000	5	Rs. 1870.00

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
3028	31-05-2016	KAMARAJAR PORT (ENNORE) <u>LIMITS</u> 13° 11'.00N; 80° 19'.35E. 13° 17'.60N; 80° 24'.00E.	12,500	5	Rs. 1870.00

3. 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>
33	31-03-1980	BAY OF BENGAL – SOUTHERN PORTION	33	31-05-2016
3028	31-07-2012	PORTS OF ENNORE	3028	31-05-2016

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>
IN52017A	2017	NAVALAKHI AND APPROACHES	22-06-2016
IN54013A	4013	APPROACHES TO LACAM HARBOUR	22-06-2016
IN54013C	4013	FUSILIER CHANNEL	23-06-2016
IN64013L	4013	LACAM HARBOUR	23-06-2016
IN64013N	4013	NEILL ISLAND PIER	23-06-2016
IN64046R	4046	RANGAT BAY	22-06-2016

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>
IN52017N	2017	NAVALAKHI AND APPROACHES	27-02-2009
IN54013I	4013	APPROACHES TO LACAM HARBOUR	13-12-2012
IN54013F	4013	FUSILIER CHANNEL	13-12-2012

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6. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
3010 (INT 7418)	PARADIP PORT	12,500	New Edition
	PARADIP ANCHORAGE	25,000	
2029 (INT 7358)	APPROACHES TO KOCHI	60,000	New Chart
2058	KANNUR (CANNANORE) AND TELLICHERRY ANCHORAGE	30,000	New Chart
2008	APPROACHES TO KARWAR	25,000	New Edition

Availability of ENC's

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

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Web site: www.hydro.gov.uk	M/s Jeppesen Norway AS Hovalandsveien 52 PO Box 212, N-4379, Egersund, Norway Ph: +47 51 464700 Mob: +91 93222 38542 Fax: +47 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 2016

(Former In Force List dated 01 Apr 2016 is cancelled)

Cancelled Notices	
Area	Notice No.
1	Nil.
2	099/15, 135/15, 055/16, 091/16.
3	191/15, 143/15, 080/16, 081/16, 089/16, 090,16
4	Nil.

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.
152/15	2514	INDIAN OCEAN – MAURITIUS – Port Louis – Buoy.

2. INDIA WEST COAST – INDIAN OCEAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
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.
038/13	2065	INDIA – WEST COAST – Port Dabhol – Buoy.
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.
099/14	21– 203 (INT 7319) – 2017	INDIA – WEST COAST – Gulf of Kachchh – Eastern Portion – Buoys.
042/15	22 (INT 752) – 214– 293 (INT 7022) – 2022 (INT 7345)	INDIA – WEST COAST – Approaches to Mormugao – Unlit Vessel.
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.
087/15	273	INDIAN OCEAN – Kadmat Island to Ihavandiffulu Atoll –Buoy.
098/15	21– 208 – 209 – 254 (INT 7331) – 292 (INT 7021) – 2039– 2102	INDIA – WEST COAST– Bhavnagar Port – Anchorage.
109/15	2043 – 2042 – 2046	INDIA – WEST COAST – Vengurla Anchorage – Buoy.

VIII

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

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.
127/15	2040	INDIA – WEST COAST – Porbandar Port – Jetty.
128/15	21 – 22 – 292 (INT 7021) – 293 (INT 7022) – 255 (INT 7334) – 211 – 2016 (INT 7336) – 2015 (INT 7337)	INDIA – WEST COAST – Port of Mumbai – Racon.
157/15	259 (INT 7356) – 260 (INT 7362) – 220 – 2029 (INT 7358) – 2004 (INT 7359).	INDIA – WEST COAST – Kochi Harbour – Buoy.
158/15	260 (INT 7362) – 261 – 222 – 223 – 2012	INDIA – WEST COAST – Vizhinjam Anchorage – Sea Cage Farm.
163/15	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 – Buoys. Wreck.
183/15	262 (INT 7365) – 224 – 2075 (INT 7366)	INDIA – WEST COAST – Tuticorin Harbour – Breakwater.
186/15	268 (INT 7353) – 273	INDIA – Central Lakshadweep – Light.
035/16	22 – 272 – 258 (INT 7348) – 218 – 2025	INDIA – WEST COAST – Azhikkal Anchorage – Racon.
046/16	202 – 203 (INT 7319) – 2031 (INT 7326) – 2068	INDIA – WEST COAST – Gulf of Kachchh Deep Water Route – Buoy.
047/16	214 – 2022 (INT 7345) – 2078 (INT 7346)	INDIA – WEST COAST – Port of Mormugao – Dredging.
074/16	2079 (INT 7329) – 2106	INDIA – WEST COAST – Mundra Port – Construction Work.
075/16	2016 (INT 7336) – 2015 (INT 7337)	INDIA – WEST COAST – Port of Mumbai – Buoys.
076/16	22 (INT 752) – 32 (INT 754) – 259 (INT 7356) – 260 (INT 7362) – 221	INDIA – WEST COAST – Alleppey to Quilon – Light.
077/16	22 (INT 752)	India – West Coast – Lakshadweep Sea – Survey Operation.
097/16	22 (INT 752) – 293 (INT 7022) – 272 – 258 (INT 7348) – 217 – 2052 (INT 7350)	INDIA – WEST COAST – Approaches to Port of New Mangalore – Buoy.
098/16	21 – 22 (INT 752) – 292 (INT 7021) – 293 (INT 7022) – 272 – 257 (INT 7343) – 259 (INT 7356) – 214 – 221	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
099/16	21 – 22 – 292 (INT 7021) – 293 (INT 7022) – 254 (INT 7331) – 257 (INT 7343) – 214 – 2022 (INT 7345) – 2020.	INDIA – WEST COAST – RACON.
109/16	7070 (INT 70) – 7071 (INT 71) – 7072 (INT 72) – 7701 (INT 701) – 8008.	INDIAN OCEAN – Maputo to Muqdisho – Oceanographic Moorings.
127/16	21 – 22 (INT 752) – 23 – 292 (INT 7021) – 293 (INT 7022) – 273 – 268 (INT 7353) – 257 (INT 7343) – 214 – 2047 – 2022 (INT 7345) – 2020 – 7703 (INT 703) – 7705 (INT 705)	INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.
134/16	2008 (INT 73169) – 2010	INDIA – WEST COAST – Karwar Naval Harbour – Buoy.

IX

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

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
237/10	406 – 4010	INDIA – ANDAMAN SEA – Little Andaman Islands – Hut Bay – Light.
094/12	33 – 41 (INT 757) – 402 – 403 – 404 (INT 7439) – 405 – 406 – 407 – 408 – 409 – 471 – 472 (INT 7032) – 473 (INT 7031) – 4016 – 4035	INDIA – ANDAMAN SEA – Fish Aggregating Devices.
183/12	31 – 32 (INT 754) – 33 – 354 (INT 7408)	INDIA – BAY OF BENGAL – Argo Floats.
212/12	3034	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.
159/13	31 – 41 (INT 757) – 409 – 471 – 472 – 4035 – 4039	INDIA – ANDAMAN SEA – Nicobar Island – Campbell Bay – Jetty.
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.
068/15	31 – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411)	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
184/15	41 (INT 757)	ANDAMAN SEA – Myanmar – Wellhead Platform – Intrafield Pipeline.
185/15	408 – 409 – 472 – 4039 – 4182 – 4205	INDIA – Andaman Sea – Lights.
192/15	31 – 41 (INT 757) – 371 – 324 – 325	INDIA – BAY OF BENGAL – Preparis North Channel to Rangoon River – Drilling Operation.
193/15	31 – 41 (INT 757) – 371 – 451 – 325	INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.
194/15	31 – 41 (INT 757) – 371 – 451 – 325	INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.
195/15	31 – 33 – 41 (INT 757) – 325 – 371 – 404 (INT 7439) (INT 7031)	INDIA – BAY OF BENGAL – Sittwe (Akyab) to Preparis Island – Survey Operation.
036/16	308 – 3002 (INT 7410) – 3012 (INT 7411)	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
038/16	31 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706)	INDIA – BAY OF BENGAL – Survey Operation.
058/16	391 – 355 (INT 7405)	INDIA – EAST COAST – Ramayapatnam to Sacramento Shoal – Survey Operation.
059/16	31 – 41 (INT 757) – 371	INDIA – ANDAMAN SEA – Drilling Operation.
078/16	31 – 32 (INT 754) – 33 – 391 – 356 (INT 7400) – 3034	INDIA – EAST COAST – Krishnapatnam Port – RACON.
079/16	391 – 356 (INT 7400).	INDIA – EAST COAST – Chennai (Madras) to Ramayapatnam – Light.

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

100/16	31 – 391 – 354 (INT 7408) – 308	INDIA – EAST COAST – Outer Approaches to Vishakhapatnam – Light.
101/16	31 – 352 (INT 7416) – 3041 – 3010 (INT 7418)	INDIA – EAST COAST – Paradip Port – RACON.
108/16	41 (INT 757) – 472 (INT 7032) – 409 – 4036.	ANDAMAN SEA – Approaches to Pulo Millow – Light.
112//16	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.
113/16	31 – 32 (INT 754) – 354 (INT 7408) – 391 – 3009 (INT 7407)	INDIA – EAST COAST – Bay of Bengal – Kakinada – Deep Water Port.
121/16	31 – 32 (INT 754) – 391 – 356 (INT 7400)	INDIA – EAST COAST – Chennai (Madras) to Ramayapatnam – Open Sea Cage.
128/16	31 – 32 (INT 754) – 33 – 356 (INT 7400) – 391 – 41 (INT 757) – 404 (INT 7439) – 405 – 472 (INT 7032) – 7706 (INT 706).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.

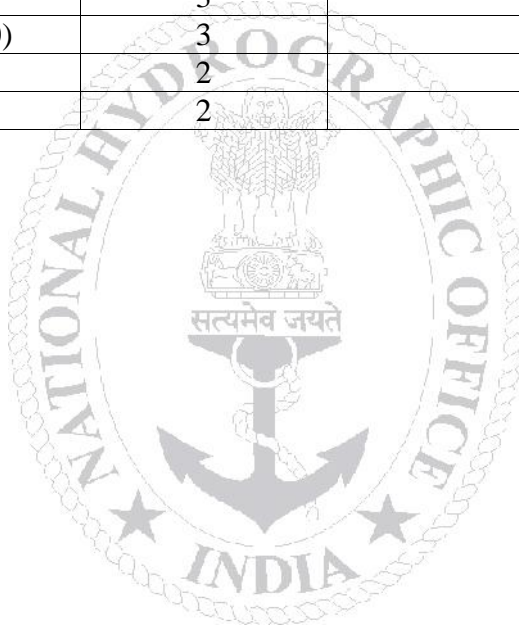
4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

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 129 to 134 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	131
204	2	131
217	3	132
252 (INT 7325)	2	131
258 (INT 7348)	3	132
271	2	131
272	4	132
291	2	131
292 (INT 7021)	2	131
293 (INT 7022)	3	132
435	7	133
2008 (INT 7319)	3	134 (T)
2010	3	134 (T)
2052 (INT 7350)	3	132
2081	2	129
2117	2	130



SECTION – II

PERMANENT NOTICES

***129 (13/16) INDIA – WEST COAST – Approaches to Ports from Diu to Pipavav – Transit mark. Tower.**

Source: APM Terminals, Pipavav.

Chart 2081 [previous update 122/16]

Insert	accompanying block showing amendments to Transit Mark centered on:	20° 54′.45N., 71° 30′.95E.
--------	--	----------------------------

***130 (13/16) INDIA – WEST COAST – Koteswar Jetty – Sector Light.**

Source: VTS Kandla.

Chart 2117 [previous update 102/16]

Insert	pecked line, joining:	23° 40′.44N., 68° 31′.64E.
		23° 40′.44N. , 68° 31′.02E.
	legend, “W.10M” , centered on:	23° 40′.97N., 68° 31′.34E.
	legend, “W.18M” , centered on:	23° 40′.03N., 68° 31′.16E.
Delete	legend, “W” , centered on:	23° 40′.68N., 68° 31′.05E.

***131 (13/16) INDIA – WEST COAST – Dwarka to Navibandar – Wreck.**

Source: NHO.

Chart 21 [previous update 111/16]

Insert	++		22° 01′.13N., 69° 01′.27E.
Delete	++		22° 00′.03N., 69° 01′.04E.

Chart 291 [previous update 114/15]

Insert	++		22° 01′.13N., 69° 01′.27E.
Delete	++		22° 00′.03N., 69° 01′.04E.

Chart 292 (INT 7021) [previous update 111/16]

Insert	++		22° 01′.13N., 69° 01′.27E.
Delete	++		22° 00′.03N., 69° 01′.04E.

Chart 271 [previous update 102/16]

Insert	++		22° 01′.13N., 69° 01′.27E.
Delete	++		22° 00′.03N., 69° 01′.04E.

Chart 252 (INT 7325) [previous update 110/16]

Insert	++		22° 01′.13N., 69° 01′.27E.
Delete	++		22° 00′.03N., 69° 01′.04E.

131 (13/16) INDIA – WEST COAST – Dwarka to Navibandar – Wreck. Continued.*Chart 204** [previous update 176/15]

Insert		22° 01'·13N., 69° 01'·27E.
Delete		22° 00'·03N., 69° 01'·04E.

***132 (13/16) INDIA – WEST COAST – Approaches to Port of New Mangalore – V - AIS.**

Source: New Mangalore Port Trust.

Chart 293 (INT 7022) [previous update 117/16]

Move		V- AIS from:	12° 47'·91N., 74° 44'·42E.
		to:	12° 48'·80N., 74° 44'·69E.

Chart 272 [previous update 118/16]

Move		V- AIS from:	12° 47'·91N., 74° 44'·42E.
		to:	12° 48'·80N., 74° 44'·69E.

Chart 258 (INT 7348) [previous update 118/16]

Move		V- AIS from:	12° 47'·91N., 74° 44'·42E.
		to:	12° 48'·80N., 74° 44'·69E.

Chart 217 [previous update 118/16]

Move		V- AIS from:	12° 47'·98N., 74° 44'·37E.
		to:	12° 48'·73N., 74° 44'·74E.

Chart 2052 (INT 7350) [previous update 118/16]

Move		V- AIS from:	12° 47'·98N., 74° 44'·36E.
		to:	12° 48'·80N., 74° 44'·69E.

133 (13/16) MALACCA STRAIT– West Coast of Thailand and Malaysia – Langkawi Island to Pinang Island – Buoy.

Source: BA Notice – 2222/16.

Chart 435 [previous update 169/13]

Insert		06° 14'·47N., 99° 35'·07E.
		06° 13'·71N., 99° 34'·12E.
		06° 13'·44N., 99° 36'·21E.
		06° 12'·34N., 99° 35'·29E.

SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

***134(T)/(13/16) INDIA – WEST COAST – Karwar Naval Harbour – Buoy.**

Source: HQKNA.

1. Following buoys are not in place/ unlit:-

<u>Buoy No.</u>	<u>Position</u>	<u>Characteristic</u>	<u>Status</u>
No.1	14°44'.42N., 074°07'.57E	Fl.G.5s	Missing
No.2	14°44'.40N., 074°07'.41E	Fl.R.5s	Removed for maintenance
No.3	14°45'.02N., 074°07'.59E	Fl(2)G.10s	Removed for maintenance
No.4	14°44'.99N., 074°07'.43E	Fl(2)R.10s	Unlit
No.7	14°45'.82N., 074°07'.67E	Fl.G.5s	Removed for maintenance
No.8	14°45'.83N., 074°07'.41E	Fl.R.5s	Unlit

2. Aft transit light Fl.5s32m5M in position 14-46.76N.,074-07.49E is unlit.

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

4. ***Former INM 099(T)/15 and INM 135(T)/15 are cancelled.***

Charts affected – 2008 (INT 7319) – 2010.



SECTION – IV **MARINE INFORMATION**

1. NAVTEX TRANSMISSION

Status of MSI Promulgation by NAVTEX Stations is as follows:-

Mumbai - Temporarily Out of Operation

Chennai - Temporarily Out of Operation

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.

(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.

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 Neelangarai, 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 Limited PO – Ucchaiya, 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: +91 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 Paper / Digital Charts Allen's Mansion, Flat C6 Nungi Station Road Kolkata – 700 140, IN Tel: +91 9836972027 / 8902228463 Fax: 033 24924283 Email: sankar@liftmarine.org Web: www.liftmarine.org	M/s L. R. Marine Services 301, 3rd Floor, Birya 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 Eloms 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	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>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>	
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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 16:

2015 SERIES – 287 334 386 445 486 498 633 646 735

2016 SERIES – 031 064 356 365 368 371 380 385 387 389 392 396 399 400 401 412 413 415 416 417 418

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

404.	India East Coast – Off Dhamra Port. Charts 351 3017 INT 71. Experimental flight trial scheduled from ITR on 17 Jun 16 from 0600-1000 UTC and 20 Jun 16 from 0830-1030 UTC in danger zone bounded by 21-18.96N 086-50.52E, 20-30.84N 087-20.16E, 20-39.48N 087-40.74E, 21-36.18N 087-09.96E.														
2.	Cancel NAVAREA VIII 393 and this MSG 201130 UTC Jun 16.														
405.	<u>NAVAREA VIII Warnings in Force as on 17 Jun 16.</u> <u>2015 series</u> – 287 334 386 445 486 498 633 646 735 <u>2016 series</u> – 031 064 356 365 368 369 371 376 378 379 380 381 382 385 387 388 389 392 394 396 399 400 401 403 404 (a) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet. (b) Text of NAVAREA VIII warnings in force including those which no longer broadcast available in www.hydrobharat.nic.in . (c) Cancel this MSG 241001 UTC Jun 16.														
406.	Andaman Sea – Off Barren I. Charts 41 473 INT 71. Firing practice scheduled on 24 and 25 Jun 16 from 0430-0930 UTC in danger area bounded within 11-50N TO 12-00N and 093-40E to 094-200E. Safe flying height 1.5 KM.														
2.	Cancel this MSG 251030 UTC Jun 16.														
407.	SW Indian Ocean. Chart INT 70. Missile Firing scheduled from 20 – 22 JUN 16 from 0330 – 0730 UTC in danger area bounded by 30-00S 075-15E, 30-30S 077-35E, 42-30S 074-10E, 42-00S 071-50E.														
2.	Cancel this MSG 220800 UTC Jun 16.														
408.	India East Coast - Chennai. Charts 313 3001 INT 706. Firing from naval coast battery scheduled on 24 Jun 16 from 0530 - 0730 UTC.														
2.	Danger sector extending upto 5.5 NM between bearing 045 and 075 from 13-07.02N 080-18.01E. Safe flying HT 13 KM.														
3.	Cancel this MSG 240830 UTC Jun 16.														
409.	Cancel NAVAREA VIII 394 and this MSG.														
410.	India East Coast – Off Dhamra port. Charts 351 3017 INT 706. Experimental Flight Trial scheduled from ITR on														
	<table> <tr> <th><u>DATE</u></th><th><u>TIME (UTC)</u></th></tr> <tr> <td>27 JUN 16</td><td>0430-0830</td></tr> <tr> <td>28 JUN</td><td>0430-0830</td></tr> <tr> <td>29 JUN</td><td>0230-0630</td></tr> <tr> <td>30 JUN</td><td>0230-0430 AND 0830-1030</td></tr> <tr> <td>01 JUL</td><td>0230-0630</td></tr> <tr> <td>03 JUL</td><td>0230-0630</td></tr> </table>	<u>DATE</u>	<u>TIME (UTC)</u>	27 JUN 16	0430-0830	28 JUN	0430-0830	29 JUN	0230-0630	30 JUN	0230-0430 AND 0830-1030	01 JUL	0230-0630	03 JUL	0230-0630
<u>DATE</u>	<u>TIME (UTC)</u>														
27 JUN 16	0430-0830														
28 JUN	0430-0830														
29 JUN	0230-0630														
30 JUN	0230-0430 AND 0830-1030														
01 JUL	0230-0630														
03 JUL	0230-0630														
2.	Danger zone bounded by 21-19.8N 086-51.8E, 21-01.3N 086-48.2E, 20-30.3N 087-28.1E, 21-01.4N 087-56.1E, 21-32.7N 087-16.6E, 21-27.0N 086-58.8E.														
3.	Cancel this MSG 0307300 UTC Jul 16.														
411.	India East Coast – West Central Bay of Bengal. Charts 32 33 INT 71. Firing by CG Aircraft scheduled daily from 27-30 Jun 16 from 0130- 1130 UTC in danger area bounded by 13-30N 082-00E, 14-30N 082-00E, 14-30N 082-40E, 13-30N 082-40E. Safe Flying HT 2 KM.														
2.	Cancel this MSG 301230 UTC Jun 16.														
412.	India West Coast – Karwar Naval Harbour. Charts 2010 INT 71. Buoy 4, 8 (14-45N 074-07E) and Aft Transit Light (14-46.7N 074-07.5E) unlit.														
413.	<u>NAVAREA VIII WARNINGS IN FORCE AS ON 24 JUN 16</u> <u>2015 series</u> – 287 334 386 445 486 498 633 646 735 <u>2016 series</u> – 031 064 356 365 368 369 371 376 378 379 380 385 387 388 389 392 396 399 400 401 406 410 411 412 (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.nic.in.	
(c) Cancel this MSG 011001 UTC Jul 16.	
414.	India West Coast – North Kerala Coast. Charts 272 INT 71. One liferaft reported fallen overboard on 24 Jun between 12-25N 074-36E AND 11-36N 075-04E.
2.	Cancel this MSG 281000 UTC Jun 16.
415.	India East Coast – Off Dhamra Port. Charts 351 3017 INT 706. Experimental flight trial scheduled from ITR on
	<u>DATE</u> <u>TIME (UTC)</u>
	27 JUN 16 0430-0830
	28 JUN 0430-0830
	29 JUN 0430-0830
	30 JUN 0230-0430 AND 0830-1030
	01 JUL 0430-0830
	03 JUL 0430-0830
2.	Danger zone bounded by 21-19.8N 086-51.8E, 21-01.3N 086-48.2E, 20-30.3N 087-28.1E, 21-01.4N 087-56.1E, 21-32.7N 087-16.6E, 21-27.0N 086-58.8E.
3.	Cancel NAVAREA VIII 410 and this MSG 030930 UTC Jul 16.
416.	India West Coast – Kochi. Charts 22 220 2029 INT 71. Firing by Naval Coast Battery scheduled on
	<u>DATE</u> <u>TIME (UTC)</u>
	01 JUL 16 0900-1200
	05 JUL 0900-1200 AND 1230-1430
	08 JUL 0900-1200
	12 JUL 0900-1200
	15 JUL 0900-1200
	19 JUL 0900-1200 AND 1230-1430
	22 JUL 0900-1200
	26 JUL 0900-1200
	29 JUL 0900-1200
2.	Danger 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 10 KM.
3.	Cancel this MSG 291300 UTC Jul 16.
417.	India East Coast – Off Gopalpur. Charts 31 352 353 3005 INT 706. Army Air Defence firing and BPTA flight scheduled daily from 01,02, 04, 07-09, 14-16, 28-30 Jul 16 from 0130-0730 and 0830-1430 UTC.
2.	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 41 NM radius joining point b and c. Safe flying HT 6.1 KM.
3.	Flight 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 1.5 KM.
4.	Cancel this MSG 301530 UTC Jul 16.
418.	India West Coast – Lakshadweep Sea. Charts 22 INT 71. RV MGS Sagar will progress survey from 01 - 25 Jul 16 in areas bounded by (a) 12-36.9N 074- 06.9E, 12-25.7N 074-16.8E, 11-11.0N 074-57.0E, 11-10.9N 074-08.1E (b) 11-00.9N 070-30.6E, 09-23.3N 070-30.9E, 11-01.9N 069-34.7E (c) 07-31.7N 076-46.1E, 08-32.9N 075-35.0E, 08-44.2N 075-48.4E, 08-42.4N 076-07.4E, 08-05.7N 076-41.1E.
2.	Wide berth requested.
3.	Cancel this MSG 251829 UTC Jul 16.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D6379	- Mossel Bay Harbour. Breakwater. Head	34 10.50 S 22 08.82 E	Q R	13	6	Red framework tower 12	
			*	*	*		
D6381	- Voorbaai Ldg Lts 288°30'.Front	34 08.36 S 22 06.73 E	F R	19	5	Metal post 20	Occas
				*	*	*	
D6381.1	- - Rear. 240 m from front	34 08.32 S 22 06.57 E	F W	19	5	Metal post 20	Occas
				*	*	*	
D6383.1	- - - Rear. 910 m from front. Leisure Island	34 04.10 S 23 03.60 E	Q R	19	5	▽ on red mast, white bands	
				*	*		
D6472.1	- -	29 53.55 S 31 02.37 E	Oc W 4s	53	14	Yellow ▽ on grey framework tower 30	
				*		*	
D7298.38	- No 5	27 33.66 N 35 32.40 E	Fl(2)G 3s				
		*					
F0636.7	- - - Rear. 424 m from front	14 46.76 N 74 07.50 E	Fl W 5s	32	5	Metallic cylindrical tower, red white red stripes on top 22	TE 2016
							*
F1476.65	- T. Chawat	06 17.60 N 99 51.65 E	Fl G 5s	5	5	White on white beacon	
*	*	*	*	*	*	*	*


SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 11 dated 01 Jun 2016)

COAST RADIO STATIONS

PAGE 14, INDONESIA (Sumatera), BELAWAN (PKB) [2200] [2201] [2203],
Contact table, row 3, column 1,
Delete entry and replace by:

	+62 616941474
	+62 616941203

(Source: BA 23/16)

(13/16)

INP 31(2), 2014

(Last correction: Edition No. 12 dated 16 Jun 2016)

NIL

INP 31(5), 2011

(Last correction: Edition No. 11 dated 01 Jun 2016)

NIL

INP 31(6), 2012

(Last correction: Edition No. 06 dated 16 Mar 2016)

NIL

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

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



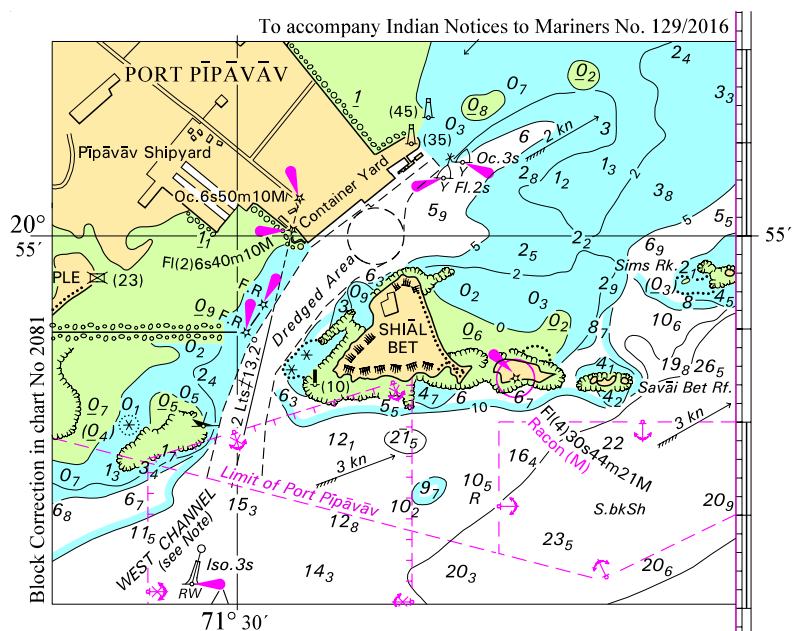
HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENC's and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes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

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

7. TUGS (Continued)	
Requesting authority	
Availability timing / Communication	
Hiring charges	
8. BERTHING AND WHARVES	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
9. CARGO HANDLING	
Containers	
Lighters & Ro-Ro etc.	
10. CRANES	
Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	
Container handling facilities	
11. BRIDGES	
Vertical clearance	
12. REPAIRS	
Hull machinery and underwater	
Ship and Boat yards	
Docking or Slipway facilities (Size/ Dimensions of vessels handled)	
Hards and Ramps	
Divers / Diving assistance	
13. SERVICES	
Radio / FAX / Telephone / Internet etc.	
Medical	
Quarantine	
Consul	
Ship chandlery and Stevedores	
Compass adjustment	
Tank cleaning	
Hull painting	
Police / Ambulance / Firefighting (Fixed and Mobile facilities)	
Nav. Warning and Weather bulletin	
Garbage disposal / Waste oil disposal	
Helicopter landing facilities	

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

To accompany Indian Notices to Mariners No. 129/2016





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