



INDIAN NOTICES TO MARINERS



EDITION NO. 19 DATED 01 OCT 2017

(CONTAINS NOTICES 138 TO 142)

REACH US 24 x 7



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

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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

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

III

EXPLANATORY NOTES

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

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

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

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

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

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

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

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

Radio Navigational Warnings.

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

IV

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

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

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

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

Use of Global Positioning System (WGS 84) positions.

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

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3202KD	202	JAKHAU TO DWARKA	22-09-2017

2. The Indian Electronic Navigational Chart that is permanently withdrawn is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3202KD	202	JAKHAU TO DWARKA	27-05-2016

3. The forthcoming Indian Charts are as follows:-

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

VI

Availability of ENC's

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

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Web site: www.hydro.gov.uk	C-MAP Norway AS Nyaskaiveien 2, 4379 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: enc@c-map.com , info@c-map.co.no Website: www.c-map.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: data@ecc.no Website: - www.primar.org	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad - 500 034 Telangana Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com



VII TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Oct 2017

(Former In Force List dated 01 Jul 2017 is cancelled)

Cancelled Notices	
Area	Notice No.
1	<i>Nil</i>
2	<i>035/17, 069/17, 070/17, 071/17</i>
3	<i>191/16, 200/16, 057/17, 066/17, 081/17</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>
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.
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.
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.
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.

VIII

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

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.
075/16	2016 (INT 7336) – 2015 (INT 7337)	INDIA – WEST COAST – Port of Mumbai – Buoys.
099/16	21 – 22 – 292 (INT 7021) – 293 (INT 7022) – 254 (INT 7331) – 257 (INT) – 210 – 209 7343) – 214 – 2022 (INT 7345) – 2020.	INDIA – WEST COAST – RACON.
152/16	2008 (INT 7369) – 2010	INDIA – WEST COAST – Karwar Naval Harbour – Buoy.
153/16	2061 – 2099	INDIAN OCEAN – MALDIVES – Male’ Atoll – Sea Bridge.
166/16	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.
045/17	2036 – 2103	INDIA – WEST COAST – Dighi Port – Buoys.
051/17	2079 (INT 7329) – 2106	INDIA – WEST COAST – Mundra Port – Construction Work.
064/17	253 (INT 7328) – 254 (INT 7331) – 207 – 2081 – 2100 (INT 7344)	INDIA – WEST COAST – Approaches to Port – Dredging Operation.
079/17	292 (INT 7021) – 254 (7331) – 207	INDIA – WEST COAST – Diu Head to Gopnath Point – LIDAR.
080/17	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.
085/17	2022 (INT 7345) – 2020 – 2078 (INT 7346)	INDIA – WEST COAST – Port of Mormugao – Buoy.
099/17	293 (INT 7022) – 272 – 258 (INT 7348) – 217 – 2052 (INT 7350) – 2002 (INT 7351)	INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Port Information.
105/17	260 (INT 7362) – 261 – 222 – 223 – 2012	INDIA – WEST COAST – Vilinjam Anchorage, Alleppey Anchorage – Buoys.

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.

IX

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

225/12	31 – 321 – 322 – 371 – 3020	BAY OF BENGAL – MYANMAR COAST – Combermere Bay to Cheduba Strait – Platform.
159/13	31 – 41 (INT757) – 409 – 471 – 472 – 4035 – 4039	INDIA – ANDAMAN SEA – Nicobar Island – Campbell Bay – Jetty.
195/13	352(INT7416) – 3005	INDIA – EAST COAST – Gopalpur Port – Breakwater. Wrecks. Onshore Installation.
068/15	31 – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411)	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
185/15	408 – 409 – 472 – 4039 – 4182 – 4205	INDIA – Andaman Sea – Lights.
036/16	308 – 3002 (INT 7410) – 3012 (INT 7411)	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
078/16	31 – 32 (INT 754) – 33 – 391 – 356 (INT 7400) – 3034	INDIA – EAST COAST – Krishnapatnam Port – RACON.
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.
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.
168/16	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.
179/16	32 (INT 754) – 357 (INT 7397) – 3003	INDIA – EAST COAST – Pudduherry Harbour – Data Buoy.
036/17	409 – 4039	INDIA – ANDAMAN SEA – Light.
121/17	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.
122/17	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408)	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.

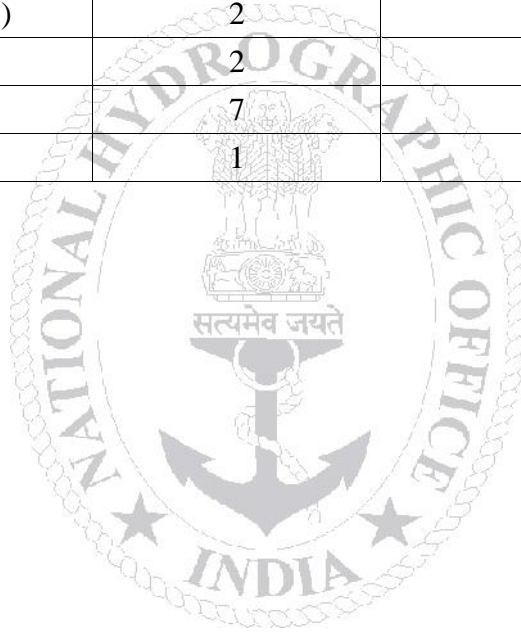
4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

383/03	33 – 41(INT 757)	INDONESIA – Sumatera – North and Northwest Coasts – Restricted area.
238/10	41 (INT 757) – 471	INDONESIA – Sumatera – North West Coast – Pulau Bunta –Lights.

SECTION – I

The list of charts affected by the Notices 138 to 142 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	142
21	2	138, 139
202	2	138
204	2	139
205	2	139
251 (INT 7318)	2	138
252 (INT 7325)	2	139
271	2	138
288	1	142
291	2	138
292 (INT 7021)	2	139
2040	2	139
3018	7	141
8004	1	140



SECTION – II**PERMANENT NOTICES*****138 (19/17) INDIA – WEST COAST – Jakhau to Dwarka – Wreck.**

Source: CGHQ

Chart 21 [previous update 116/17]Insert  PA

22° 29′.30N., 68° 27′.80E

Chart 291 [previous update 042/17]Insert  PA

22° 29′.30N., 68° 27′.80E

Chart 271 [previous update 042/17]Insert  PA

22° 29′.30N., 68° 27′.80E

Chart 251 (INT 7318) [previous update 042/17]Insert  PA

22° 29′.30N., 68° 27′.80E

Chart 202 [previous update 128/17]Insert  PA

22° 29′.30N., 68° 27′.80E

***139 (19/17) INDIA – WEST COAST – Porbandar Port – Wrecks.**

Source: CGHQ

Chart 21 [previous update 138/17]Insert  PA

21° 36′.00N., 69° 16′.00E.

Chart 292 (INT 7021) [previous update 068/17]Insert  PA

21° 36′.00N., 69° 16′.00E.

 PA

21° 35′.31N., 69° 36′.88E.

Chart 252 (INT 7325) [previous update 131/16]Insert  PA

21° 37′.40N., 69° 36′.80E.

21° 35′.31N., 69° 36′.88E.

 PA

21° 36′.00N., 69° 16′.00E.

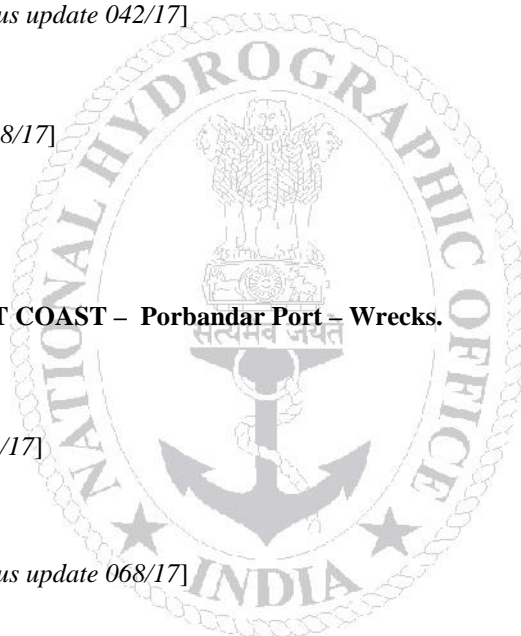
Chart 204 [previous update 031/17]Insert  PA

21° 37′.40N., 69° 36′.80E .

21° 35′.31N., 69° 36′.88E.

 PA

21° 36′.00N., 69° 16′.00E.



139 (19/17) INDIA – WEST COAST – Porbandar Port – Wrecks. Continued.*Chart 205** [previous update 034/16]Insert  PA

21° 37′.40N., 69° 36′.80E.

21° 35′.31N., 69° 36′.88E.

 PA

21° 36′.00N., 69° 16′.00E.

Chart 2040 [previous update 069/15]Insert  PA

21° 37′.40N., 69° 36′.80E.

21° 35′.31N., 69° 36′.88E.

Chart 2040 (Plan) [previous update 069/15]Insert  PA

21° 37′.40N., 69° 36′.80E.

***140 (19/17) IRAN, OMAN & UNITED ARAB EMIRATES – Jask to Dubayy & Jazireh – Ye Qeshm – Wreck.**

Source: BA Notice 2692/17

Chart 8004 [previous update 136/17]Insert 

25° 55′.70N., 55° 06′.64E

***141 (19/17) BAY OF BENGAL – BANGLADESH – Pussur River and Approaches – Wreck.**

Source: BA Notice 2632/17

Chart 3018 [previous update 133/15]Insert  Wk

21° 26′.89N., 89° 30′.08E

***142 (19/17) QATAR TO SHATT AL ARAB – Light.**

Source: BA Notice 2817/17

Chart 20 [previous update 125/17]

Amend Characteristics to Fl(2)6M

27° 46′.70N., 50° 10′.30E.

Chart 288 [previous update 119/17]

Amend Characteristics to Fl(2)6s6M

27° 46′.80N., 50° 10′.50E.

SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

NIL



SECTION – IV

MARINE INFORMATION

1. NAVTEX TRANSMISSION

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

Mauritius (Cassis) - Operational

Seychelles (Mahe) - Operational

Following new Navtex stations along the Indian coast are operating on trial basis:-

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
Sl.	Station Name	B1	Broad Cast Timings in UTC					
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengrula Point	J	0130	0530	0930	1330	1730	2130
(c)	Muttam Point	L	0150	0550	0950	1350	1750	2150
(d)	Porto Novo	O	0220	0620	1020	1420	1820	2220
(e)	Vakalpudi	Q	0240	0640	1040	1440	1840	2240
(f)	Balasore	S	0300	0700	1100	1500	1900	2300
(g)	Keating Point	V	0330	0730	1130	1530	1930	2330

2. MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS

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

3. DISPLAY ANOMALIES IN ECDIS

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

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

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

4. SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME

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

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Instruments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. Sunderlal Bahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>E.W.Liner Charts & Publication (India) 2/524, Sandeep Road, Chinna Neelangarai, Chennai - 600041 Tele: +91-44-24490668 Fax: +91-44-24491668 Mob No : +91-9003245348 Email: ewl-india@ewliner.com Web: www.ewliner.com</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in , sales@ccmarine.in</p>	<p>Gujarat Pipavav Port Limited PO – Ucchainya, Dist – Amereli, Gujarat – 365 560 Tele: +91- 2794302400 Fax: 302413 (Only for Pipavav Port Chart)</p>
<p>M/s SVR Chart Agencies Door No.50-81-48/4, Seetammmapeta, Visakhapatnam – 530 016 Tel/ Fax: 0891-2799471, Cell: +91-9849120988, 9885797333 Email : mahalakshmitravels99@gmail.com mahalakshmitravels@hotmail.com</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91 22 62233326, Fax: +91 22 67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in, raj.chakravorty@smsmaps.com Web: www.smsmaps.com</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, Wadi Bunder, P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in , charts@mtnl.net.in</p>	<p>Global Marine Infratech Pvt. Ltd. Ground Floor, Siksha Sandan, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s Lift o Marine Allen's Mansion, Flat C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftmarine.org Web: www.liftmarine.org</p>	<p>L. R. Marine Services 301, 3rd Floor, Biry House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Engineering Logistics Executive Multi Services Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar, Malkapuram Visakhapatnam – 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: www.elemscharts.in</p>	<p>M/s IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com sanjeev.sharma@iictechnologies.com Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani's Plam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	

SECTION – V**NAVAREA – VIII WARNINGS IN FORCE**

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

2. NAVAREA VIII Warnings in force as on 30 Sep 17:

2016 Series – 432 464 572 644 723

2017 Series – 016 119 189 305 323 345 366 381 394 414 455 481 485 486 493 511 514 529 530
543 576 597 601 610 611 616 620 624 635 640 656 657 662 667 670 673 674 675 678 680 682
684 685 686 687 688 689 690 691 692 693 694 695

3. NAVAREA VIII Warnings issued during the period from 16 Sep to 30 Sep 17 (both dates inclusive) are as tabulated below:–

657.	India West Coast – New Mangalore Port. Charts 22 258 272 293 2002 2052 INT 71. Buoy 4 (12-55.1N 074-45.7E) adrift.
658.	Andaman Sea – off Barren I. Charts 41 473 INT 71. Firing practice scheduled on 22 and 23 Sep 17 from 0430-0830 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-20E 2. Cancel this MSG 230930 UTC Sep 17.
659.	India East Coast – off Kakinada. Charts 31 32 391 INT 71. Firing by Naval Ships scheduled on 22 Sep 17 from 0300 – 1130 UTC in danger area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E, 15-08N 084-24E 2. Cancel this MSG 221230 UTC Sep 17.
660.	South Bay of Bengal. Charts 33 INT 71. SLFV Samith Putha (11-58N 084-55E) and Risini Duwa (06-23N 085-14E) reported adrift at 161030 and 170415 UTC Sep 17 2. Cancel this MSG 200415 UTC Sep 17.
661.	India West Coast – off Mumbai. Charts 22 293 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang. PCS 17-13N 071-06E/355/3.4 at 180700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 653.
662.	Indian Ocean – off Reunion I. Chart INT 71. 2.5 NM long fishing line and 10 Buoys reported adrift in vicinity of 20-43S 055-05E. Wide berth advised.
663.	India East Coast – off Gopalpur. Charts 31 INT 71. INS Sandhayak progressing hydrographic survey in area bounded within 18-53.5N to 19-45N and 084-36E to 086-00E. 2. Wide berth of 2 NM around Ship and Survey Boats requested. 3. Cancel this MSG 291830 Sep 17.
664.	India West Coast – off Mumbai. Charts 21 22 292 293 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang. PCS 18-11N 070-57E/355/3.2 at 190700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 661.S
665.	India East Coast – off Ravva Oda. Charts 31 32 355 391 INT 71. SV Samudra Sarvekshak progressing survey along 16-13N 081-38.06E to 16-11.21N 081-43.38E, 16-11.1N 081-37.04E to 16-13.1N 081-37.78E and around 16-20.21N 082-03.75E. Wide berth requested. 2. Cancel this MSG 301830 UTC Sep 17.
666.	India West Coast – off Mumbai High. Charts 21 253 255 292 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang. PCS 19-36N 070-54E/310/3.9 at 200700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 664.
667.	India West Coast – Kochi Port. Charts 22 220 259 260 2004 2029 2045 INT 71. Fishing vessel reported sunk 09-58.26N 076-14.69E. Caution advised.
668.	India West Coast – Gulf of Khambhat. Chart 21 207 254 292 INT 71. Tug Miss Gaunt towing scrap tanker Ishon with 700 M tow length to Alang. PCS 21-01N 071-59E/049/7 at 210700 UTC Sep 17. 2. Cancel NAVAREA VIII MSG 666.
669.	India West Coast – Okha. Charts 21 203 2068 INT 71. Firing by Naval Coast Battery scheduled on 25 Sep from 0530-0730 UTC 2. Danger sector extending up to 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E. 3. Cancel this MSG 250830 UTC Sep 17.
670.	India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 71. MV Focus surveyor and Focus explorer progressing seismic survey in area bounded by 20-59.99N 071-44.99E, 21-12.49N 072-09.94E, 21-05.87N 072-00.59E, 21-03.33N 072-02.71E, 21-08.28N 072-09.95E, 21-00.07N 072-10.2E. Wide berth requested. 2. Cancel this MSG 051830 UTC Oct 17.
671.	Cancel NAVAREA VIII MSG 643 and this MSG. INTM 18/17 refer.

672.	South Bay of Bengal. Charts 33 INT 71. SLFV Chameera Puthal reported adrift 06-16N 086-52E since 19 Sep 17. 2. Cancel this MSG 221830 UTC Sep 17.
673.	Lakshadweep Sea - Minicoy. Charts 22 23 273 2006 INT 71. DGPS (08-16N 073-01E) off.
674.	Andaman Sea – off Yangon River. Charts 41 452 4019 INT 71. Buoys new upper spit (16-24.41N 096-21.12E) FL G 2S, additional new upper western (Port 16-25.44N 096-20.97E), Stbd (16-31.3N 096-16.1E) laid. Buoys new centre western FL R 2S, new upper western FL R, new centre spit FL W 2S, additional lower spit shifted to 16-24.76N 096-20.53E, 16-24.76N 096-21.02E, 16-24.22N 096-20.5E, 16-24.35N 096-20.4E. Thura phyo kyaw lin wreck Buoy (16-24N 096-21E) adrift. 2. Cancel NAVAREA VIII MSG 614.
675.	India West Coast– Suratkal. Charts 22 258 272 293 2002 2052 INT 71. DGPS (13-00N 074-47E) off from 25 Sep 17. 2. Cancel this MSG 201230 UTC Oct 17.
676.	Cancel NAVAREA VIII MSG 665, 668 and this MSG.
677.	NAVAREA VIII warnings in force as on 22 Sep 17 2016 Series - 432 464 572 644 723 2017 Series– 016 119 189 305 323 345 366 381 394 414 455 481 485 486 490 493 511 514 519 529 530 543 576 591 596 597 601 610 611 616 620 624 635 640 652 656 657 658 662 663 667 669 670 673 674 675 676 (A) NAVAREA VIII warnings less than 42 days promulgated via Safetynet. (B) Text of NAVAREA VIII warnings in force including those which no longer broadcast available in WWW.HYDROBHARAT.GOV.IN 2. Cancel this MSG 291000 UTC Sep 17.
678.	Arabian Sea – off Piram I. Charts 21 208 254 292 2039 INT 71. Lesser depth reported by MV Magic striker 21-39.7N 072-22.75E. Mariners to exercise caution.
679.	India West Coast – off Mumbai. Charts 21 22 255 292 293 INT 71. Firing by Naval Ship scheduled on 26 Sep 0600 – 0730 UTC in danger area bounded within 18-30N to 18-51N and 071-30E to 072-00E. 2. Cancel this MSG 260830 UTC Sep 17.
680.	Bay of Bengal – off Trincomalee. Charts 359 3014 INT 71. Firing practice scheduled on 29 Sep from 1000-1100 UTC and 30 Sep from 0800-1500 UTC in danger circle extending 5 NM from 08-20N 081-30E. 2. Cancel this MSG 301600 UTC Sep 17.
681.	India East Coast- Chennai. Charts 31 33 356 357 3001 INT 71. Firing by Naval Coast Battery scheduled on 29 Sep 17 from 0530 - 0730 UTC. 2. Danger sector extending upto 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E. 3. Cancel this MSG 290830 UTC Sep 17.
682.	Bay of Bengal - off Bangladesh. Charts 31 INT 71. Firing by Naval Ships scheduled from 30 Sep to 30 Oct 17 from 2200 UTC for 19 hours daily in danger areas bounded by (A) 21-20.83N 090-34E, 21-41N 091-14E, 21-20.83N 091-28E, 21-00N 090-47.83E (B) 20-46N 090-00E, 20-58N 090-17E, 20-40N 090-38E, 20-28N 090-22E (D) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E (D1) 20-22N 091-06E, 20-46.3N 091-31E, 20-24N 091-59E, 20-00N 091-36E (E) 21-18N 089-31E, 21-18N 089-50E, 21-04N 089-54E, 21-04N 089-34E (F) 20-58N 089-34E, 20-58N 089-54E, 20-34N 089-54E, 20-34N 089-34E. 2. Cancel this MSG 311800 UTC Oct 17.
683.	Bay of Bengal – off Trincomalee. Chart 32 33 359 INT 71. SLFV Samantha 6 reported adrift 09-00N 081-40E at 260600 UTC Sep 17. 2. Cancel this MSG 290600 UTC Sep 17.
684.	Lakshadweep Sea – off Colombo. Charts 23 32 225 263 264 INT 71. Naval firing practice scheduled on 02 Oct 17 from 0230-1130 UTC in danger circle extending 5 NM from 06-47N 079-32E. 2. Cancel this MSG 021230 UTC Oct 17.
685.	India West Coast – Mumbai Port. Chart 21 211 255 292 293 2016 INT 71. Buoys N1 shifted/ N2 N5 N7 unlit/ N3 unlit and drifted to 18-50.43N 072-42.62E / N4 missing / N6 N8 removed / N9 unlit and drifted to 18-51.21N 072-48.80E with top mark missing/ N14 withdrawn. 2. Cancel NAVAREA VIII MSG 519.
686.	India West Coast. Charts 251 254 255 292 INT 71. Rig List Aban III 18-16.38N 072-22.82E Deep Sea Fossil 18-31.89N 072-16.74E Jindal Star 18-32.28N 072-15.44E Deep Sea Fortune 18-33.63N 072-14.94E CE Thornton 18-40.10N 072-13.56E Paragon L-786 18-47.21N 072-19.52E FG Mcclintock 18-55.87N 072-18.29E NEW Noble ED Holt 19-07.79N 071-59.93E Sagar Uday 19-08.42N 070-53.87E Dynamic Vision 19-11.05N 072-11.21E Sagar Shakti 19-15.49N 072-08.23E

	Vivekananda-1	19-15.64N 072-06.59E
	Virtue-I	19-19.47N 071-12.06E
	Actinia	19-19.57N 071-01.61E
	Great Drill Chitra	19-20.25N 072-05.58E
	Sagar Jyoti	19-21.09N 071-14.64E
	Aban IV	19-21.95N 071-15.56E
	Trident II	19-27.35N 071-17.94E
	Paragon M 1161	19-27.56N 071-11.24E
	Vivekananda-2	19-27.59N 071-24.98E
	Great Drill Chaaru	19-30.30N 070-50.96E
	Rowan Louisiana	19-36.89N 071-53.38E
	Sagar Kiran	19-38.05N 071-23.15E
	Valiant Driller	19-39.80N 071-17.59E
	Aban Ice	19-39.99N 071-35.74E
	Parameswara	19-58.02N 071-32.13E
	Sagar Gaurav	22-28.62N 068-26.28E
	Great Drill Chaaya	22-37.91N 068-27.04E
2.	Wide Berth Requested.	
3.	Cancel NAVAREA VIII MSG 490.	
687.	India West Coast – Kochi. Charts 22 220 260 2029 INT 71. Firing By Naval Unit scheduled on	
	Date	Time (UTC)
	03 OCT 17	0900-1200
	06 OCT	0900-1200 AND 1230-1430
	10 OCT	0900-1200
	13 OCT	0900-1200 AND 1230-1430
	17 OCT	0900-1200
	20 OCT	0900-1200 AND 1230-1430
	24 OCT	0900-1200
	27 OCT	0900-1200 AND 1230-1430
	31 OCT	0900-1200
2.	Danger area bounded by 09-57.5N 075-59.5E, 09-57.7N 076-14.2E, 09-44N 076-17.5E, 09-42.5N 076-09.5E.	
3.	Cancel this MSG 311300 UTC Oct 17.	
688.	India west coast – Mumbai. Charts 21 211 255 293 2016 INT 71. Firing from Naval Coast Battery at middle ground, Oyster rock, Colaba point scheduled on 05 and 06 Oct 17 from 0400 - 0900 UTC in danger areas bounded by	
	(A)	18-54.65N 072-50.58E, 18-50N 072-54.5E, 18-54.5N 072-54E, 18-55.17N 072-54.83E
	(B)	18-54.65N 072-50.58E, 18-50N 072-54.5E, 18-48N 072-52E, 18-54.08N 072- 49.80E
	(C)	18-47N 072-35E, 18-53.58N 072-48.75E, 19-00N 072-44.08E, 19-00N 072- 35E
2.	Cancel this MSG 061000 UTC Oct 17.	
689.	India West Coast – off Mumbai. Charts 22 255 292 293 INT 71. Firing by Naval Ships scheduled on 04 Oct 17 from 0830-1530 UTC and 08 Oct from 0130-0830 UTC in danger area bounded by 18-06N 070-39E, 17-49N 071-21E, 18-05N 071-37E, 18-22N 071-04E.	
2.	Cancel this MSG 080930 UTC Oct 17.	
690.	India East Coast – Vishakhapatnam. Charts 31 308 3002 INT 71. Firing by Naval Coast Battery scheduled On 04 Oct 17 from 0030 - 0130 UTC in danger sector extending upto 17 NM between bearing 070 and 130 from 17-42N 083-18E.	
2.	Cancel this MSG 040230 UTC Oct 17.	
691.	India West Coast – off Jakhau. Charts 251 INT 71. MV Ocean Pride and Tug Mariner progressing installation of platform and LIDAR 23-07.4N 068-27.8E FROM 03 OCT 17. Wide berth requested.	
2.	Cancel this MSG 261000 UTC Oct 17.	
692.	India West Coast – off Trivandrum. Charts 22 222 INT 71. Rocket launch from Thumba (08-31.98N 076-52.05E) scheduled on 04, 05, 06 Oct 17 from 0530-0730 UTC.	
2.	Danger sector	
	(A)	Radius of 05 NM from Thumba between azimuth 190 and 300.
	(B)	Radii of 45 and 75 NM from Thumba between azimuth 220 AND 260.
3.	Cancel this MSG 060830 UTC Oct 17.	
693.	India East Coast – off Chennai. Charts 32 33 313 356 391 INT 71. Rocket launch from Sriharikota (13-41N 080-14E) scheduled daily from 05 – 09 Oct 17 from 0530 - 0730 UTC.	
2.	Danger sector	
	(A)	Zone 1: Circle of 10 NM around launcher.
	(B)	Zone 2: Radii of 45 and 75 NM from launcher between azimuth 070 and 100.
3.	Cancel this MSG 090830 UTC Oct 17.	
694.	NAVAREA VIII warnings in force as on 29 Sep 17.	
	2016 Series - 432 464 572 644 723	
	2017 Series - 016 119 189 305 323 345 366 381 394 414 455 481 485 486 493 511 514 529 530 543	

576 597 601 610 611 616 620 624 635 640 656 657 662 667 670 673 674 675 678 680 682 684
685 686 687 688 689 690 691 692 693

(A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet.

(B) Text of NAVAREA VIII warnings in force including those which no longer broadcast available in www.hydrobharat.gov.in

2. Cancel this MSG 061000 UTC Oct 17.

695. NE Indian Ocean. Chart INT 71. Marion Dufresne progressing seismic survey from 01 Oct 17 in area bounded within 00-30N to 04-00N and 089-00E to 095-30E. Vessel towing cable of 5 KM. Wide berth requested.

2. Cancel this MSG 21 Oct 17.

6.1

SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII**CORRECTIONS TO LIST OF LIGHTS**

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7293.1	GOLFE DE TADJOURA. GHOUBBET KHARAB - Petite Passe. S. Abou Maya. BLRG -----	11 33.23 N 42 40.92 E ..	FI(2)R 5s Racon	Red □ on beacon	TE 2017 ILRS Vol 2 Station 74268 *
D7454	RA'S TANAQIB. EAST APPROACHES. JAZIRAT AL ARABIYAH - Jazirat Al Arabiyah	27 46.64 N 50 10.46 E	FI(2)W (vert) 6s *	23	6	Red and white metal framework tower	<i>fl 1, ec 1, fl 1, ec 3</i>
F1202.6	North Button Island	12 19.10 N 93 04.18 E	FI W 10s	57	8	White framework tower, black bands 14	<i>fl 0.5</i> *
F1202.64	South Button Island	12 13.43 N 93 01.19 E	FI W 15s	25	8	White metal framework tower, red bands 14	<i>fl 0.5</i> *
F1736.956	- Pengerang Terminal. Ldg Lts 022°.Rear. 704m from front	01 20.39 N 104 10.69 E	Iso W 8s	*	*	*	*
F1736.958	- - - Front	01 20.03 N 104 10.55 E	Iso W 8s	*	*	*	*
F1736.9585	--	01 19.74 N 104 10.59 E	FI Y 3s	*	*	*	*
F1736.959	--	01 19.43 N 104 10.49 E	FI Y 3s	*	*	*	*
K0841	PULAU-PULAU BATU. PULAU SIGOGOLO - Tanjung Pulau Sigogolo	00 31.73 S 98 29.98 E	FI W 5s	12	12	White beacon 10	<i>fl 0.5.</i> Ra refl *
K0841.1	- Sigolong golong	00 31.96 S 98 29.83 E	FI W 5s	12	12	White beacon 10	<i>fl 0.5.</i> Ra refl *
K0875.5	PULAU SIBERUT - Pulau Simasat	00 57.16 S 98 57.41 E	FI W 5s	12	12	White beacon 10	<i>fl 0.5.</i> Ra refl *
K0875.6	- Tanjung Sigep	00 55.60 S 98 55.43 E	FI R 5s	12	12	Red □ on red beacon 10	<i>fl 0.5.</i> Ra refl *
K0876.25	- Saibi Estuary	01 20.01 S 99 05.66 E	FI W 5s	12	10	White beacon 10	<i>fl 0.5.</i> Ra refl *
K0876.34	- Kasih di Tengah. N	01 32.16 S 99 13.77 E	FI W 3s	12	12	◊ on black beacon, yellow band 10	<i>fl 0.5.</i> Ra refl *
K0876.35	-- S	01 32.22 S 99 13.74 E	FI Y 4s	9	4	∇ on yellow beacon, black band	*

SECTION – VIII

CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

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

NIL

INP 31(2), 2014

(Last correction: Edition No. 18 dated 16 Sep 2017)

NIL

INP 31(5), 2011

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

NIL

INP 31(6), 2012

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

NIL

SECTION – X

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

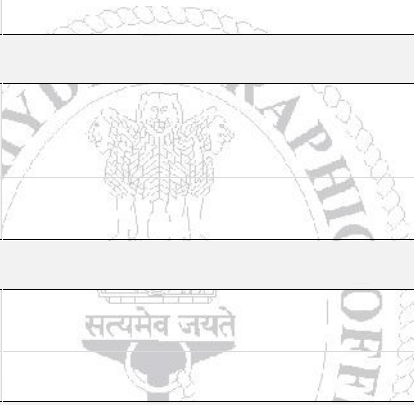
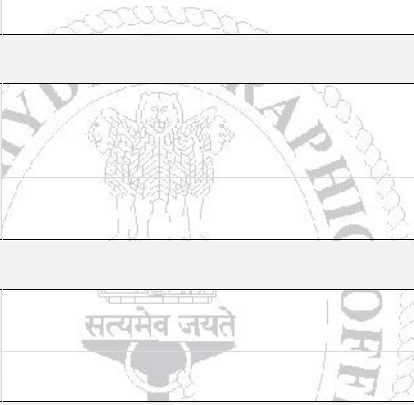
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further,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

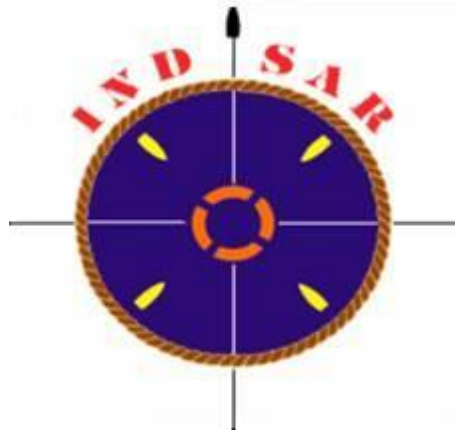


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes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

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

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

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



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: indsar@vsnl.net

NATION WIDE SAR TELE: 1554 (LAND LINE)

INMARSAT C (IOR) 441907210 CODE: 43 (TOLL FREE)

AFTN: VABBYXYC