



INDIAN NOTICES TO MARINERS



EDITION NO. 13 DATED 01 JUL 2013

(CONTAINS NOTICES 135 TO 143)

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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**



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 most of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).

(b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.

(c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

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

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

NEWLY PUBLISHED INDIAN CHARTS, ENCs AND PUBLICATION

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2056	15-05-2013	JAFARABAD PORT <u>Limits</u> 20° 44'.25N; 71° 20'.50E. 20° 53'.00N; 71° 27'.20E.	25,000	2	Rs. 1870.00
2065	30-05-2013	PORT DABHOL <u>Limits</u> 17° 30'.50N; 73° 02'.65E. 17° 35'.75N; 73° 11'.00E.	15,000	3	Rs. 1870.00
2505	31-05-2013	APPROACHES TO MATHURIN HARBOUR <u>Limits</u> 19° 43'.00S; 63° 21'.25E. 19° 29'.69S; 63° 30'.50E.	25,000	7	Rs. 1870.00
2512	15-05-2013	AGALEGA ISLANDS <u>Limits</u> 10° 33'.60S; 56° 33'.35E. 10° 15'.90S; 56° 45'.45E.	37,500	1	Rs. 1870.00
3031	15-05-2013	BALESHWAR ROADS <u>Limits</u> 21° 23'.00N; 87° 00'.30E. 21° 30'.50N; 87° 11'.20E.	30,000	5	Rs. 1870.00
3033	15-05-2013	KARAIKAL ANCHORAGE <u>Limits</u> 10° 47'.90N; 79° 50'.30E. 10° 53'.20N; 79° 57'.50E.	20,000	5	Rs. 1870.00
		KARAIKAL PORT <u>Limits</u> 10° 49'.08N; 79° 50'.10E. 10° 52'.00N; 79° 54'.60E.	12,500		
3038	15-05-2013	APPROACHES TO DHAMRA PORT <u>Limits</u> 20° 47'.50N; 86° 56'.10E. 20° 56'.20N; 87° 10'.25E.	25,000	5	Rs. 1870.00

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
2056	31-03-2009	JAFARABAD PORT	2056	15-05-2013
2065	15-10-2009	PORT DABHOL	2065	30-05-2013
2505	15-02-2009	APPROACHES TO MATHURIN HARBOUR	2505	31-05-2013

VI

<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>
2084	15-03-2007	AGALEGA ISLANDS	2512	15-05-2013
3031	30-04-2011	BALESHWAR ROADS	3031	15-05-2013
3033	31-12-2009	KARAIKAL ANCHORAGE	3033	15-05-2013
		KARAIKAL PORT		
3038	31-12-2011	APPROACHES TO DHAMRA PORT	3038	15-05-2013

3. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
210	UMARGAM TO SATPATI	150,000	New Edition
211	SATPATI TO MURUD JANJIRA	150,000	New Edition
4171	CAMORTA ISLAND (NORTHERN PORTION)	25,000	New Chart
4172	KATCHALL ISLAND TO CAMORTA ISLAND	25,000	New Chart
4173	KATCHALL ISLAND (WESTERN PORTION)	25,000	New Chart
4181	PULO MILLOW ANCHORAGE	25,000	New Chart
4182	CAPE EDINBURG	25,000	New Chart
4189	TRINKAT CHAMPLONG BAY	25,000	New Chart
4190	MENCHEL ISLAND	25,000	New Chart

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 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk	JEPPESEN MARINE Jeppesen Norway AS Hovalandsveien 52 P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: enc@jeppesen.com , info@c-map.co.no Website: www.jeppesen.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:- data@ecc.no Website: - www.primar.org	

TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Jul 2013

(Former In Force List dated 01 Apr 2013 is cancelled)

Cancelled Notices

Area Notice No.

- 1 Nil.
- 2 039/13, 058/13, 089/13, 096/13.
- 3 259/12, 057/13, 095/13.
- 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.
249/08	20 – 288 – 289 – 8004.	UNITED ARAB EMIRATES – QATAR – Submarine cables.
354/08	20 – 289.	UNITED ARAB EMIRATES – Jazirat Das to Ras al Qila – Submarine pipeline.

2. INDIA WEST COAST – INDIAN OCEAN

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
085/09	2047.	INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty.
152/11	2081 – 2100.	INDIA – WEST COAST – Pipavav Port – Dredging.
182/12	21 – 22 (INT 752) – 249 – 250 – 291 – 292 (INT 7021) – 293 (INT 7022).	INDIA – ARABIAN SEA – Argo Floats.
251/12	2106 – 2107.	INDIA – WEST COAST – Mundra Port – Port Development. Dredging. Turning Circle. Buoys.
257/12	217 – 258 (INT 7348) – 272 – 293 (INT 7022) – 2002 (INT 7351) – 2052 (INT 7350).	INDIA – WEST COAST – Ports of New Mangalore and Mangalore – Buoys. Dredging.
258/12	21 – 22 (INT 752) – 23 – 32 (INT 754) – 214 – 215 – 221 – 253 (INT 7328) – 257 (INT 7343) – 259 (INT 7356) – 260 (INT 7362) – 261 – 262 – 263 (INT 7383) – 272 – 292 (INT 7021) – 293 (INT 7022).	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
269/12	2022 (INT 7345) – 2020 – 2078 (INT 7346).	INDIA – WEST COAST – Port of Mormugao – Dredging.

VIII

2. INDIA WEST COAST – INDIAN OCEAN (Continued)

038/13	2065.	INDIA – WEST COAST – Port Dabhol – Buoy.
041/13	2004(INT 7359) – 2029 (INT 7358) – 2045(INT 7360).	INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit. Jetty.
042/13	23 – 31 – 33 – 7070 (INT 70) – 7071 (INT 71) – 7072 (INT 72) – 7073 (INT 73) – 7706 (INT 706) – 7707 (INT 707).	INDIAN OCEAN – Data Buoys.
111/13	21 – 22 (INT 752) – 23 – 268 (INT 7353) – 273 – 292 (INT 7021) – 293 (INT 7022) – 7703(INT 703) – 7705 (INT 705) – 7706 (INT 706).	INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.
117/13	21 – 208 – 254 (INT 7331) – 292 (INT 7021) – 2039 – 2082.	INDIA – WEST COAST – Gulf of Khambhat – Dahej Harbour – Jetty. Mooring Dolphin.
129/13	211 – 2016 (INT 7336) – 2015 (INT 7337) – 2001 – 2076 (INT 7338).	INDIA – WEST COAST – Mumbai Harbour – Dredging Operation.
130/13	21 – 22 (INT 752) – 255 (INT 7334) – 211 – 292 – (INT 7021) – 293 (INT 7022) – 2016 (INT 7336).	INDIA – WEST COAST – Inner Approaches to Mumbai – Wreck Marking Buoys.
134/13	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336).	INDIA – WEST COAST – off Mumbai – Buoy.

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

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
237/10	406 – 4010.	ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.
145/11	351 – 301 – 3011 (INT 7421).	INDIA – EAST COAST – Approaches to Hugli River. Works.
238/11	3033.	INDIA – EAST COAST – Karaikal Port – Construction Work. Dredging. Jetty.
094/12	33 – 41 (INT 757) – 402 – 403 – 404 – 405 – 406 – 407 – 408 – 409 – 471 – 472 (INT 7032) – 473 (INT 7031) – 4016 – 4035.	INDIA – ANDAMAN SEA – Fish Aggregating Devices.
183/12	31 – 32 (INT 754) – 33 – 354 (INT 7408).	INDIA – BAY OF BENGAL – Argo Floats.
200/12	31 – 322 – 323– 371 – 3020.	MYANMAR – WEST COAST – off Ramree Island – Dredging.
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.

IX

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

239/12	352 (INT 7416) – 3010 (INT 7418).	INDIA – EAST COAST – Paradip Port – Dredging. Restricted Area.
287/12	23 – 32 (INT 754) – 225 – 263 (INT 7383) – 2063.	SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Restricted area.
288/12	31 – 32 (INT 754) – 354 (INT 7408) – 355 (INT 7405) – 391 – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	INDIA – EAST COAST – Bay of Bengal – Drilling Operation.
043/13	41 (INT 757) – 7071 (INT 71) – 7073 (INT 73) – 7706 (INT 706).	MYANMAR – Restricted Area.
051/13	31 – 32 (INT 754) – 391 – 354 (INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
110/13	31 – 32 (INT 754) – 33 – 41 (INT 757) – 292 (INT 7021) – 404 – 405 – 472 (INT 7032) – 473 (INT 7031) – 7706 (INT 706) – 7707 (INT 707).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.
118/13	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.
119/13	31 – 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.
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 135 to 143 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
207	2	135
254(INT 7331)	2	135
268(INT 7353)	4	136
273	4	137
289	1	141
2006	4	137
2023	4	136
2086	1	140
4003	6	138, 142 (T)
4006	6	139
4040	6	138, 143 (T)



SECTION – II
PERMANENT NOTICES

***135/(13/13) INDIA – WEST COAST – Diu Head to Gopnath Point – Buoy.**

Source: DLL Jamnagar & NAVAREA 310/13.

Chart 207 [previous update 197/13]

Move		from:	20° 56'.40N., 72° 06'.95E.
		to:	20° 57'.70N., 72° 07'.85E.

Chart 254 (INT 7331) [previous update 121/12]

Move		from:	20° 56'.40N., 72° 07'.00E.
		to:	20° 57'.67N., 72° 07'.86E.













***136/(13/13) INDIA – LAKSHADEEP SEA – Kavaratti Island – Conspicuous Object. Mooring Buoy.**

Source: NHO Dehradun.

Chart 268(INT 7353) [previous update 046/13]

Delete		Fl.R	10° 31'.59N., 72° 35'.89E
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Chart 2023 [previous update 049/13]

Insert		CG	10° 32'.60N., 72° 37'.00E
		BSNL Tr.	10° 33'.56N., 72° 38'.14E
		Hospital	10° 33'.66N., 72° 38'.25E
		Coastal Police	10° 33'.59N., 72° 37'.91E
Move		from:	10° 32'.78N., 72° 37'.31E
		to:	10° 33'.46N., 72° 38'.87E
Delete			10° 33'.46N., 72° 38'.96E
			10° 34'.39N., 72° 39'.01E
			10° 34'.38N., 72° 39'.08E
		Fl.R Fish Aggregating Device	10° 31'.59N., 72° 35'.89E
		Police Station	10° 33'.65N., 72° 37'.95E
			10° 32'.78N., 72° 37'.26E

***137/(13/13) INDIA – LAKSHADEEP – Minicoy Island – Light.**

Source: NHO Dehradun.






















Chart 273 [previous update 094/13]

Insert		Fl(2)10s10M	08° 17'.75N., 73° 03'.94E
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Chart 2006 [previous update 235/12]

Insert		Fl(2)10s22m10M	08° 17'.75N., 73° 03'.94E.
		FIR5s	08° 19'.48N., 73° 04'.41E.

*137/(13/13) INDIA – LAKSHADEEP – Minicoy Island – Light. Continued.

	FIG5s	08° 19'.51N., 73° 04'.35E.
	FIR5s	08° 19'.12N., 73° 04'.04E.
	FIG5s	08° 19'.22N., 73° 04'.18E.
	FIR5s	08° 19'.33N., 73° 04'.32E.
	FIG5s	08° 19'.37N., 73° 04'.28E.
	FIR5s	08° 18'.61N., 73° 03'.77E.
	FIG5s	08° 18'.93N., 73° 03'.88E.
	FIG5s	08° 18'.35N., 73° 03'.65E.
	FIR5s	08° 18'.11N., 73° 03'.63E.
	FIG5s	08° 17'.65N., 73° 03'.46E.
		08° 17'.12N., 73° 03'.24E.
	FIG5s	08° 17'.48N., 73° 03'.40E.
height of tower, (50), at:		08° 16'.90N., 73° 03'.41E.
	Hospital	08° 16'.97N., 73° 03'.40E.
		08° 16'.86N., 73° 03'.40E.
	(55)	08° 17'.37N., 73° 03'.69E.
	PSS (30)	08° 17'.04N., 73° 03'.40E.
Delete 	Fl(2)10s22m10M	08° 17'.50N., 73° 03'.95E.
		08° 19'.50N., 73° 04'.45E.
		08° 19'.52N., 73° 04'.35E.
		08° 19'.07N., 73° 03'.98E.
		08° 19'.24N., 73° 04'.13E.
		08° 19'.37N., 73° 04'.33E.
		08° 19'.38N., 73° 04'.28E.
		08° 18'.62N., 73° 03'.75E.
		08° 18'.93N., 73° 03'.90E.
		08° 18'.37N., 73° 03'.67E.
		08° 16'.96N., 73° 03'.40E.
		08° 17'.00N., 73° 03'.42E.
		08° 16'.85N., 73° 03'.50E.

***138/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Conspicuous Objects.**

Source: IH – 102 INS Investigator.

Chart 4003 [previous update 282/12]

Insert  13° 16'.50N., 93° 01'.29E
13° 16'.84N., 93° 01'.62E

Chart 4003 (Plan) [previous update 282/12]



Insert  13° 16'.50N., 93° 01'.29E (S Border)
13° 16'.84N., 93° 01'.62E

Chart 4040 [previous update 212/10]

Insert  12° 55'.00N., 92° 53'.73E
 PSS (a) 12° 55'.56N., 92° 53'.94E
 12° 55'.61N., 92° 53'.63E
Delete  close to (a) above
 PA 12° 55'.630N., 92° 53'.627E

***139/(13/13) INDIA – ANDAMAN SEA – Port Blair – Wrecks.**

Source: IH – 102 INS Investigator.

Chart 4006 [previous update 229/12]

Insert  11° 39'.68N., 92° 43'.46E
11° 39'.67N., 92° 43'.39E

***140/(13/13) INDIAN OCEAN – MAURITIUS – Approaches to Port Louis – Port Limit.**

Source: Mauritius Port Authority.

Chart 2086 [previous update 132/13]

Insert limit of Port of Louis, pecked line, joining: 20° 05'.93S., 57° 30'.73E.
(a) 20° 05'.59S., 57° 27'.85E.
(b) 20° 09'.62S., 57° 24'.75E.
20° 11'.41S., 57° 24'.75E.
legend "Limit of Port of Port Louis" in between: (a) and (b) above
Delete former limit of Port of Louis, pecked line, joining: (a) 20° 03'.60S., 57° 31'.15E.
(b) 20° 10'.40S., 57° 25'.82E.
legend "Limit of Port of Port Louis" in between: (a) and (b)

Chart 2086 (Plan) [previous update 132/13]

Delete former limit of Port of Louis, pecked line, joining: (a) 20° 06'.35S., 57° 29'.04E. (N Border)
(b) 20° 08'.21S., 57° 27'.60E. (W Border)
legend "Limit of Port of Port Louis" in between: (a) and (b)

141/(13/13) UNITED ARAB EMIRATES – Strait of Hormuz to Qatar – Mooring buoy. Wreck.

Source: BA Notice No. 2739/13 & 2740/13.

Chart 289 [previous update 133/13]

Insert  25° 44'.20N., 52° 55'.00E.
 Wk 25° 04'.40N., 52° 57'.70E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***142(T)/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Light.**

Source: IH 102 (INS Investigator).

Brush Island light in position 13° 17′.58N, 93° 03′.13 (WGS- 84) unlit.

Charts Affected: 4003.

***143(T)/(13/13) INDIA – ANDAMAN SEA – Port Cornwallis – Light.**

Source: IH 102 (INS Investigator).

Egg Island light in position 12° 55′.94N, 92° 53′.56E is unlit.

Charts Affected: 4040.



SECTION – IV **MARINE INFORMATION**

1. NAVTEX TRANSMISSION

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

(Source – DG Shipping)

2. MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS

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

(Source - NAVAREA VIII Warning 100/12)

3. DISPLAY ANOMALIES IN ECDIS

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

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

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

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

3. 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

4.2

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.



Distribution of Indian Paper Charts and Nautical Publications

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

<p>JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no Site: www.c-map.no</p>	<p>C-Map US Commercial 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: info@c-map.com</p>
<p>C-Map (UK) Ltd. Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: info@c-map.co.uk</p>	<p>Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com</p>	<p>Bogerd Martin NV, Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: sales@martin.be Site: www.martin.be</p>
<p>Bogerd Martin Tianjin(China Branch) 2-B101 FTZ Hi-Tech Development Centre 131 Haibin 9 Road 300461 Tianjin China Ph: +86 22 257 62 721 Fax: +86 22 257 62 722 Email: charts-tj@martincn.com</p>	<p>C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl</p>	

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com , sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.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@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: ewl-india@ewliner.com
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammappeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com info@c-map.co.in Website: www.c-map.co.in
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 Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungi Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924283, Cell: +91-8902228463 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in Web: www.gmiindia.in

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 13 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings in force as on 30 Jun 13.

2012 SERIES – 661

2013 SERIES – 008 012 035 036 160 197 203 228 265 303 307 310 319 320 324 330 334 335
338 343 346 354 356 360 361 365 366 367 368

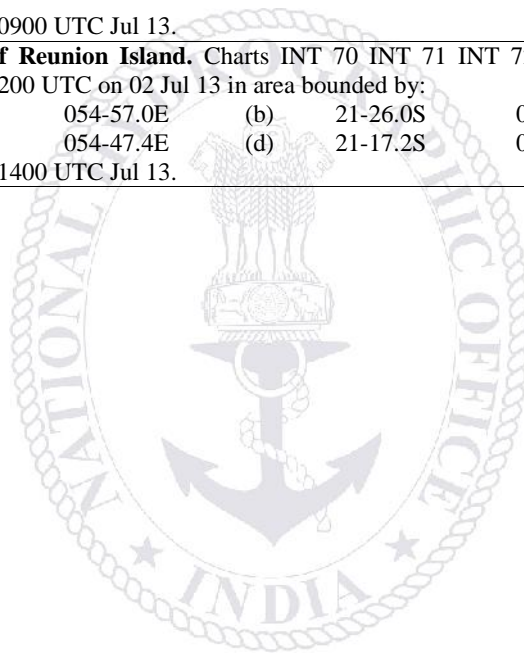
3. NAVAREA VIII Warnings issued during the period from 16 Jun to 30 Jun 13 (both dates inclusive) are as tabulated below: –

343.	Cancel NAVAREA VIII 308/13. India West Coast – Kandla Port. Charts 21 203 2018 2080 INT 71 INT 706. Coal loaded barge reported sunk in vicinity 22-50N 070-04E marked with yellow coloured squarish unlit buoy.
2.	Caution advised.
344.	Cancel NAVAREA VIII 342/13 and this MSG.
345.	Cancel NAVAREA VIII 336/13 and this MSG.
346	India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 191002 UTC Jun 13:
	ABAN II 16-44.23N 082-23.67E
	ACTINIA 16-14.80N 082-10.99E
	DEEP SEA MATDRILL 16-13.47N 081-38.53E
	DSR DHIRUBHAI DEEPWATER KG-1 14-35.60N 082-16.51E
	DSR DHIRUBHAI DEEPWATER KG-2 11-35.70N 080-21.21E
	GSF-140 16-31.68N 082-28.43E
	MG HULME JR 16-36.60N 082-25.50E
	NOBLE DUCHESS 16-08.84N 081-40.95E
	DSR PLATINUM EXPLORER 19-39.60N 087-43.90E
	SAGAR RATNA 16-13.96N 081-45.89E
	D S SAGAR VIJAY 16-19.08N 082-16.00E
	wide berth requested.
2.	Cancel NAVAREA VIII 339/13.
347.	Andaman sea – off Port Blair. Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0730 UTC to 1130 UTC on 26 Jun 13 in area bounded by:
(a)	11-39.7N 092-46.3E (b) 11-40.6N 092-47.0E
(c)	11-38.7N 092-53.1E (d) 11-32.9N 092-48.3E
2.	Safe flying height 5000 metres.
3.	Cancel this MSG 261230 UTC Jun 13.
348.	Bay of Bengal – Southern Portion. Charts 32 33 41 356 357 391 472 473 INT 71 INT 706. PSLV- C20 Rocket launching scheduled from launch pad 13-43.9N 080-14.2E between 1600 UTC to 2030 UTC from 01 Jul to 03 Jul 13.
2.	Danger areas are as follows:
(a)	<u>Danger zone – 1</u> Circle of 10 NM around the launcher
(b)	<u>Danger zone – 2</u>
	(I) 13-45N 080-45E (II) 13-30N 080-40E
	(III) 13-20N 081-25E (IV) 13-35N 081-30E
(c)	<u>Danger zone – 3</u>
	(I) 13-35N 082-10E (II) 13-05N 082-05E
	(III) 12-40N 084-00E (IV) 13-10N 084-05E
(d)	<u>Danger zone – 4</u>
	(I) 13-00N 084-25E (II) 12-30N 084-20E
	(III) 12-20N 085-05E (IV) 12-50N 085-10E
(e)	<u>Danger zone – 5</u>
	(I) 12-05N 088-35E (II) 11-25N 088-25E
	(III) 11-10N 089-25E (IV) 11-50N 089-35E

<p>348. Continued.</p> <p>(f) <u>Danger zone – 6</u></p> <table> <tr> <td>(I) 11-00N 094-30E</td> <td>(II) 09-00N 094-30E</td> </tr> <tr> <td>(III) 09-00N 095-40E</td> <td>(IV) 11-00N 095-40E</td> </tr> </table> <p>(g) <u>Danger zone – 7</u></p> <table> <tr> <td>(I) 17-00S 133-00W</td> <td>(II) 19-00S 133-00W</td> </tr> <tr> <td>(III) 10-00S 092-00W</td> <td>(IV) 08-00S 093-00W</td> </tr> </table> <p>3. Caution advised.</p> <p>4. Cancel this MSG 032130 UTC Jul 13.</p>	(I) 11-00N 094-30E	(II) 09-00N 094-30E	(III) 09-00N 095-40E	(IV) 11-00N 095-40E	(I) 17-00S 133-00W	(II) 19-00S 133-00W	(III) 10-00S 092-00W	(IV) 08-00S 093-00W
(I) 11-00N 094-30E	(II) 09-00N 094-30E							
(III) 09-00N 095-40E	(IV) 11-00N 095-40E							
(I) 17-00S 133-00W	(II) 19-00S 133-00W							
(III) 10-00S 092-00W	(IV) 08-00S 093-00W							
<p>349. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from position 13-07.02N 080-18.01E from 0530 UTC to 0730 UTC on 28 Jun 13.</p> <p>2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position.</p> <p>3. Safe flying height 12800 metres.</p> <p>4. Cancel this MSG 280830 UTC Jun 13.</p>								
<p>350. NAVAREA VIII – Messages in force as on 211002 UTC Jun 13:</p> <p>2012 Series – 661</p> <p>2013 Series – 008 012 035 036 160 197 203 228 265 303 306 307 310 315 319 320 324 329 330 334 335 338 343 346 347 348 349</p> <p>(a) NAVAREA VIII warnings less than 42 days old (265/13 onward) are promulgated via SafetyNET.</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in</p> <p>(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 281002 UTC Jun 13.</p>								
<p>351. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. Debris of MOL Comfort in fore part reported adrift in vicinity 14-52N 065-46E.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 260830 UTC Jun 13.</p>								
<p>352. Cancel NAVAREA VIII 351/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. MOL Comfort fore part reported adrift in vicinity 15-12N 066-53E and aft part reported adrift in vicinity 13-38N 064-10E at 231400 UTC Jun 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 270530 UTC Jun 13.</p>								
<p>353. Indian Ocean – Eastern Part. Charts INT 70 INT 71 INT 73 INT 707. Yellow and green coloured Srilankan fishing boat Seven Star fifteen metres length reported adrift in vicinity 04-15S 090-41E at 212000 UTC Jun 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 270531 UTC Jun 13.</p>								
<p>354. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing practice between 0230 UTC to 1130 UTC from 01 Jul to 07 Jul and 15 Jul to 21 Jul 13.</p> <p>2. Danger zone 15 NM radius around 13-50N 081-40E.</p> <p>3. Safe flying height 3500 metres.</p> <p>4. Cancel this MSG 211230 UTC Jul 13.</p>								
<p>355. Cancel NAVAREA VIII 352/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. MOL Comfort fore part reported adrift in vicinity 15-25N 067-53E and aft part reported adrift in vicinity 13-48N 064-50E at 241400 UTC Jun 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 271400 UTC Jun 13.</p>								
<p>356. India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 30 Jun to 06 Jul, 07 Jul to 14 Jul, 15 Jul to 20 Jul and 22 Jul to 25 Jul 13 in area bounded by:</p> <table> <tr> <td>(a) 19-14.60N</td> <td>084-53.70E</td> <td>(b) 19-37.05N</td> <td>085-27.87E</td> </tr> <tr> <td>(c) 18-46.05N</td> <td>085-22.87E</td> <td></td> <td></td> </tr> </table> <p>and arc of 41 nm radius joining point (b) and (c).</p> <p>2. Safe flying height 7000 metres.</p> <p>3. Cancel this MSG 251900 UTC Jul 13.</p>	(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E	(c) 18-46.05N	085-22.87E		
(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E					
(c) 18-46.05N	085-22.87E							
<p>357. Cancel NAVAREA VIII 355/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. MOL Comfort aft part reported adrift in vicinity 14-03N 065-30E at 251400 UTC Jun 13.</p> <p>2. Drifted fore part in vicinity 15-43n 069-07e removed by tugboat.</p> <p>3. Caution advised.</p> <p>4. Cancel this MSG 281400 UTC Jun 13.</p>								

<p>358. Western Indian Ocean – off Somalia. Charts INT 71 INT 72 INT 702. F/V Chun Ying reported destroyed by firing in vicinity 01-13.28N 055-24.17E. Thirty one crew possibly abandoned ship in two liftrafts.</p> <p>2. Vessel transiting through the area to keep sharp look out and render assistance.</p> <p>3. Report any sighting to IMB Piracy Reporting Center. tel : 60320310014, FAX 60320785769, email:imbl@icc-ccs.org, piracy@icc-ccs.org.</p>																								
<p>359. Cancel NAVAREA VIII 357/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. Containers reported falling overboard from aft part of derelict MV MOL Comfort drifting in vicinity 14-04.35N 065-39.35E.</p> <p>2. Drifting fore part in last known position 15-43N 069-07E being towed by tugboat.</p> <p>3. Caution advised.</p> <p>4. Cancel this MSG 281400 UTC Jun 13.</p>																								
<p>360. Cancel NAVAREA VIII 358/13. Western Indian Ocean – off Somalia. Charts INT 71 INT 72 INT 702. F/V Chun Ying reported destroyed by fire in vicinity 01-13.28N 055-24.17E. Thirty one crew possibly abandoned ship in two liftrafts.</p> <p>2. Vessel transiting through the area to keep sharp look out and render assistance.</p> <p>3. Report any sighting to IMB Piracy Reporting Center. tel: 60320310014, fax 60320785769, email:imbl@icc-ccs.org, piracy@icc-ccs.org.</p>																								
<p>361. Cancel NAVAREA VIII 348/13. Bay of Bengal – Southern Portion. Charts 32 33 41 356 357 391 472 473 INT 71 INT 706. PSLV- C22 rocket launching scheduled from launch pad 13-43.9N 080-14.2E between 1600 UTC to 2030 UTC from 01 Jul to 03 Jul 13.</p> <p>2. Danger areas are as follows:</p> <p>(a) <u>Danger Zone – 1</u> circle of 10 NM around the launcher</p> <p>(b) <u>Danger Zone – 2</u></p> <table border="0"> <tr> <td>(I) 13-45N 080-45E</td> <td>(II) 13-30N 080-40E</td> </tr> <tr> <td>(III) 13-20N 081-25E</td> <td>(IV) 13-35N 081-30E</td> </tr> </table> <p>(c) <u>Danger Zone – 3</u></p> <table border="0"> <tr> <td>(I) 13-35N 082-10E</td> <td>(II) 13-05N 082-05E</td> </tr> <tr> <td>(III) 12-40N 084-00E</td> <td>(IV) 13-10N 084-05E</td> </tr> </table> <p>(d) <u>Danger Zone – 4</u></p> <table border="0"> <tr> <td>(I) 13-00N 084-25E</td> <td>(II) 12-30N 084-20E</td> </tr> <tr> <td>(III) 12-20N 085-05E</td> <td>(IV) 12-50N 085-10E</td> </tr> </table> <p>(e) <u>Danger Zone – 5</u></p> <table border="0"> <tr> <td>(I) 12-05N 088-35E</td> <td>(II) 11-25N 088-25E</td> </tr> <tr> <td>(III) 11-10N 089-25E</td> <td>(IV) 11-50N 089-35E</td> </tr> </table> <p>(f) <u>Danger Zone – 6</u></p> <table border="0"> <tr> <td>(I) 11-00N 094-30E</td> <td>(II) 09-00N 094-30E</td> </tr> <tr> <td>(III) 09-00N 095-40E</td> <td>(IV) 11-00N 095-40E</td> </tr> </table> <p>(g) <u>Danger Zone – 7</u></p> <table border="0"> <tr> <td>(I) 17-00S 133-00W</td> <td>(II) 19-00S 133-00W</td> </tr> <tr> <td>(III) 10-00S 092-00W</td> <td>(IV) 08-00S 093-00W</td> </tr> </table> <p>3. caution advised.</p> <p>4. cancel this MSG 032130 UTC Jul 13.</p>	(I) 13-45N 080-45E	(II) 13-30N 080-40E	(III) 13-20N 081-25E	(IV) 13-35N 081-30E	(I) 13-35N 082-10E	(II) 13-05N 082-05E	(III) 12-40N 084-00E	(IV) 13-10N 084-05E	(I) 13-00N 084-25E	(II) 12-30N 084-20E	(III) 12-20N 085-05E	(IV) 12-50N 085-10E	(I) 12-05N 088-35E	(II) 11-25N 088-25E	(III) 11-10N 089-25E	(IV) 11-50N 089-35E	(I) 11-00N 094-30E	(II) 09-00N 094-30E	(III) 09-00N 095-40E	(IV) 11-00N 095-40E	(I) 17-00S 133-00W	(II) 19-00S 133-00W	(III) 10-00S 092-00W	(IV) 08-00S 093-00W
(I) 13-45N 080-45E	(II) 13-30N 080-40E																							
(III) 13-20N 081-25E	(IV) 13-35N 081-30E																							
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(III) 12-40N 084-00E	(IV) 13-10N 084-05E																							
(I) 13-00N 084-25E	(II) 12-30N 084-20E																							
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(III) 10-00S 092-00W	(IV) 08-00S 093-00W																							
<p>362. India West Coast – off Okha. Charts 21 202 252 271 291 INT 705. Seventeen containers of MV Rajiv Gandhi reported overboard in vicinity 22-24.56N 068-24.26E at 270412 UTC Jun 13.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 300412 UTC Jun 13.</p>																								
<p>363. Cancel NAVAREA VIII 359/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. Aft part of derelict MV MOL Comfort reported sunk in vicinity 14-25.9N 066-26.35E at 270748 UTC Jun 13.</p> <p>2. Caution advised of floating containers.</p>																								
<p>364. Cancel NAVAREA VIII 362/13. India West Coast – off Okha. Charts 21 202 252 271 291 INT 705. Black and white coloured eleven partially submerged containers of MV Rajiv Gandhi reported adrift in vicinity 26-40N 068-18E at 280645 UTC Jun 13. Drift ascertained east-north easterly 1.05 kts.</p> <p>2. Caution advised.</p> <p>3. Cancel this MSG 010645 UTC Jul 13.</p>																								

<p>365. NAVAREA VIII – Messages in force as on 281002 UTC Jun 13: 2012 Series – 661 2013 Series – 008 012 035 036 160 197 203 228 265 303 306 307 310 315 319 320 324 330 334 335 338 343 346 354 356 360 361 363 364 (a) NAVAREA VIII warnings less than 42 days old (303/13 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in (c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners. 2. Cancel this MSG 051001 UTC Jul 13.</p>
<p>366. Cancel NAVAREA VIII 364/13. India West Coast – off Okha. Charts 21 202 252 271 291 INT 705. Twelve containers of MV Rajiv Gandhi reported scattered and adrift between 22-39.9N 068-48.20E and 22-26.50N 068-43.10E at 281100 UTC Jun 13. 2. Caution advised. 3. Cancel this MSG 011100 UTC Jul 13.</p>
<p>367 Cancel NAVAREA VIII 363/13. Indian Ocean – Northern Part. Charts INT 71 INT 72 INT 705. Aft part of derelict MV MOL Comfort reported sunk in vicinity 14-25.9N 066-26.35E at 270748 UTC Jun 13. 2. Seventeen containers reported partially submerged in vicinity 14-29.7N 066-44.9E at 280420 UTC Jun 13 and eight containers reported partially submerged in vicinity 14-26.8N 066-45.6E at 281205 UTC Jun 13. 3. Caution advised. 4. Cancel this MSG 020900 UTC Jul 13.</p>
<p>368. Indian Ocean – off Reunion Island. Charts INT 70 INT 71 INT 72 INT 702 INT 735. Naval gunnery exercise from 0700 UTC to 1200 UTC on 02 Jul 13 in area bounded by: (a) 21-12.0S 054-57.0E (b) 21-26.0S 055-02.5E (c) 21-31.2S 054-47.4E (d) 21-17.2S 054-42.0E 2. Cancel this MSG 021400 UTC Jul 13.</p>



SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

(Note: For hard copy in colour, kindly download from www.hydrobharat.nic.in Indian Notices to Mariners section)

- NIL -

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7385	- QAFCO Jetty. Berth 25	24 54.93N 51 34.60 E	Oc R 5.5s	4			
*	*	*	*	*	*	*	*
D7385.2	- QAFCO Jetty. Berth 24	24 54.74N 51 34.41 E	Oc R 5.5s	4			
*	*	*	*	*	*		
D7387	Remove from list: deleted						
D7387.2	Remove from list: deleted						
D7387.3	Remove from list: deleted						
D7387.4	Remove from list: deleted						
F0758.1	Minicoy North	08 17.75 N 73 03.94 E	Fl(2)W 10s	22	10	White Square masonry tower, Blue bands 22	fl 1. ec2, fl 1, ec 6
		*				*	
F1056.4	Cox's Bazar	21 25.95 N 91 58.38 E	Fl W 15s	54	21	Orange dome on framework tower 7	fl 0.7
	-	..	Racon	..	..	..	ILRS Vol 2 Station 79330 *
F1821	Ramunia Shoals. Tompok Utara.	01 27.75 N 104 27.03 E	Fl(3)W15s	25	15	White round GRP tower on piled platform	Destroyed; replaced by light buoy Fl(2)W 10s close by (T) 2013 MMSI No: 005330110 *
	--	..	AIS	..	..	..
F9308.95	West of Neelam Heera and Ratna Oilfield. FPSO	18 35.20 N 71 01.97 E	Lit	..	..	Storage tanker	
*	*	*	*	*	*	*	*
F9527.51	- BLWJ-01	05 19.80 N 114 44.55 E	2 Mo(U)W10s	..	..	Platform	
*	*	*	*	*	*	*	*
F9531.75	- Bunga Kamelia A	07 00.20 N 103 13.20 E	Lit	..	..	Platform	Other installations some marked by lights and fog signals, exist in this field *
*	*	*	*	*	*	*	*
K1145.6	Tg Karangjahe (ID)	06 48.30 S 111 59.69 E	Fl W 5s	8	12	White beacon 7	fl 1
*	*	*	*	*	*	*	*
K1145.7	Tg Karangjahe. N Jetty. Head (ID)	06 47.82 S 112 00.10 E	Fl G 4s	8	12	Green Δ on green beacon 7	fl 1
*	*	*	*	*	*	*	*
K1145.8	Tg Karangjahe. S Jetty. Head (ID)	06 47.90 S 112 00.18 E	Fl R 3s	8	12	Red on red beacon 7	fl 0.5
*	*	*	*	*	*	*	*
K1168	-Karang Pisang (ID)	07 11.11 S 112 41.13 E	Fl G 5s	..	5	Green metal framework tower	fl 0.5. Vis 138°-338°(200°)
		*			*		*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 07 dated 01 Apr 2013)

NIL

INP 31(2), 2007

(Last correction: Edition No. 11 dated 01 Jun 2013)

NIL

INP 31(5), 2011

(Last correction: Edition No. 07 dated 01Apr 2013)

NIL

INP 31(6), 2012

(Last correction: Edition No. 11 dated 01 Jun 2013)

PAGE 51, LAKSHADWEEP (Laccadive Islands, INDIA), MINICOY ISLAND

Delete and replace by:

MINICOY ISLAND, Cannanore Islands

8°17'N 73°04'E

Port

LOCATION: Port Radio Station, Minicoy town, about 2.5 n miles SSW of Kodi Pt.

CONTACT DETAILS:

VHF Channel: Ch 16

Port Authority

Telephone: +91(0)4892 222278

+91(0) 9447196335 (Mobile)

Fax: +91(0)4892222843

E-mail: pa-mnc-lkp@nic.in

Website: <http://lakshadweep.gov.in/depts/port/index.htm>

(Source: INHO)

(13/13)

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

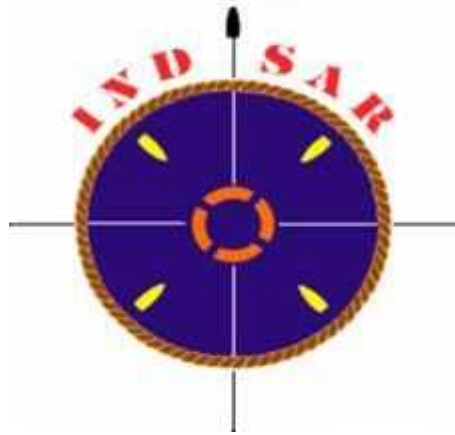
Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication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



HYDROGRAPHIC NOTE 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