



INDIAN NOTICES TO MARINERS



EDITION NO. 07 DATED 01 APR 2012

(CONTAINS NOTICES 095 TO 105)

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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, ENC_s AND PUBLICATION

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

<i>INP No</i>	<i>Title</i>	<i>Price(Rs)</i>
31(5)	Indian List of Radio Signals Vol 5 (GMDSS) 2011	3400.00

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:

<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in</p>	<p>Director, M/s JEPPESEN Norway AS PO Box 212 N-4379 Egersund Norway Tel: +47-51- 464 700 Fax: +47-51-464 701 Mob : +91-9322 238 542 Email: enc@jeppesen.com, info@c-map.co.in Website: www.jeppesen.com</p>
<p>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</p>	<p>Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-gerry.larsson-fedde@statkart.no Website: - www.primar.org</p>

TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Apr 2012

(Former In Force List dated 01 Jan 2012 is cancelled)

Cancelled Notices

<i>Area</i>	<i>Notice No.</i>
1	Nil.
2	439/08, 081/11, 154/11, 266/11, 050/12, 051/12, 057/12, 082/12, 093/12.
3	106/07, 169/11, 196/11, 281/11.
4	Nil

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

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
506/04	20 – 8004.	IRAN – Khuran (Clarence Strait) – Jetty. Buoyage. Depths. Drying height. Pilot boarding place. Lights. Mooring buoys.
445/06	20 – 21 – 286 – 291 – 2088 – 2094 – 2095 – 2096 – 7703 (INT703) – 7705 (INT705) – 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.
298/10	8004.	UNITED ARAB EMIRATES – Dubai (Dubayy) – Palm Deira North–westwards – Buoy.
053/11	20 – 289.	UNITED ARAB EMIRATES – Jajo-rat Da-s North-Eastwads- Abu-Al Bu – Khoosh Oilfield – Oil Loading Terminal – Mooring buoy. 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.
073/10	2016 (INT7336) – 2015 (INT7337) – 2001 – 2076 (INT7338).	INDIA – WEST COAST – Mumbai Harbour – Dredging Operation. Dumping Ground.
255/10	21 – 22 (INT752) – 249 – 250 – 291 – 292 (INT7021) – 293 (INT7022).	INDIA – ARABIAN SEA – Argo Floats.
281/10	2031 – 2013.	INDIA – WEST COAST – Port of Okha – Buoys.
152/11	2081 – 2100.	INDIA – WEST COAST – Pipavav Port – Dredging.

VII

2. INDIA WEST COAST – INDIAN OCEAN (Continued)

153/11	255 (INT7334) – 211 – 2016 (INT7336).	INDIA – WEST COAST – Inner Approaches to Mumbai - Buoy.
155/11	254 (INT7331) – 208 – 2044.	INDIA – WEST COAST – Gulf of Khambhat Southern Portion – Buoy.
218/11	2022 (INT 7345) – 2020 – 2078 (INT 7346).	INDIA – WEST COAST – Port of Mormugao – Dredging.
227/11	21 – 22 (INT752) – 23 – 268 (INT7353) – 273 – 292 (INT7021) – 293 (INT7022) – 7703(INT703) – 7705 (INT705) – 7706 (INT706).	INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.
236/11	2019 – 2101.	INDIA – WEST COAST – Approaches to Hazira – Buoys. Beacons. Dredging. Wreck.
058/12	2052 (INT7350) – 2002(INT7351).	INDIA – WEST COAST – Approaches to New Mangalore Port – Single Point Mooring. Submarine Pipeline.
081/12	203(INT 7319) – 2068 – 2079 – 2107.	INDIA – WEST COAST – Deep Water Route – Approaches to Mundra Port – Buoys.
092/12	2065.	INDIA – WEST COAST – Port Dabhol – Dredging Operation. Buoys.
101/12	21 – 22 (INT752) – 23 – 32 (INT754) – 214 – 215 – 221 – 253 (INT7328) – 257 (INT7343) – 259 (INT7356) – 260 (INT7362) – 261 – 262 – 263 (INT7383) – 272 – 292 (INT7021) – 293 (INT7022).	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
103/12	215 – 216 – 2008 – 2010.	INDIA – WEST COAST – Karwar Naval Harbour – Navigational light. Beacon light. Transit marks.
104/12	2004(INT7359) – 2045(INT7360).	INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit.
105/12	2080 – 2018(INT 7321) – 2059(INT 7322).	INDIA – WEST COAST – Kandla – Sogal channel – Buoy. Jetty.

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

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
185/09	225 – 2063.	SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Depths.
037/10	225 – 2063.	SRI LANKA – WEST COAST – Colombo Harbour and Approaches – Construction Work. Restricted area. Recommended routes.
219/10	3009.	INDIA – EAST COAST – Approaches to Kakinada – Kakinada Anchorage – buoys. Turning Circle. Jetties.
237/10	406 – 4010.	ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Light.

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

256/10	31 – 32 (INT754) – 33 – 354 (INT7408).	INDIA – BAY OF BENGAL – Argo Floats.
110/11	352 (INT7416) – 3010 (INT7418).	INDIA – EAST COAST – Paradip Port – Dredging. Restricted Area. Works.
124/11	4017 – 4005.	INDIA – NICOBAR ISLANDS – Nancowry Harbour and Approaches – Beacons.
144/11	3001(INT7402) – 3004 (INT7403).	INDIA – EAST COAST – Chennai Harbour – Buoys.
145/11	351 – 301 – 3011(INT7421).	INDIA – EAST COAST – Approaches to Hugli River. Works.
177/11	31 – 33 – 7702 (INT702) – 7706 (INT706) – 7707 (INT707)	INDIAN OCEAN – – Data buoys.
238/11	3033.	INDIA – EAST COAST – Karaikal Port – Construction Work. Dredging. Jetty.
275/11	31 – 32(INT754) – 33 – 41(INT757) – 404 – 405 – 472(INT7032) – 473(INT7031) – 7706(INT706) – 7707(INT707).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.
059/12	3028.	INDIA – EAST COAST – Port of Ennore – Works.
080/12	313.	INDIA – EAST COAST – Kattupalli Port – Works.
094/12	33 – 41(INT757) – 402 – 403 – 404 – 405 – 406 – 407 – 408 – 409 – 471 – 472(INT7032) – 473(INT7031) – 4016 – 4035.	INDIA – ANDAMAN SEA – Fish Aggregating Devices.
102/12	31 – 32 (INT754) – 33 – 308 – 352(INT7416) – 354(INT7408) – 355(INT7405) – 357(INT7397) – 391.	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

383/03	33 – 41(INT 757).	INDONESIA – Sumatera – North and Northwest Coasts – Restricted area.
377/07	7508(INT508).	INDONESIA – Sumatera – Pulau Belitung West Coast – Tanjungpandan to Jawa North Coast – Pakis – Submarine cable.
238/10	41(INT757) – 471.	INDONESIA – Sumatera – North West Coast – Pulau Bunta – Lights.

SECTION – I

The lists of charts affected by the Notices 095 to 105 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	101 (T)
22 (INT 752)	3	101 (T)
23	1	101 (T)
31	5	102 (T)
32 (INT 754)	5	101 (T), 102 (T)
33	5	102 (T)
214	3	101 (T)
215	3	101 (T), 103 (T)
216	3	103 (T)
217	3	096
218	3	096
219	3	097
220	3	099
221	3	101 (T)
253 (INT 7328)	2	101 (T)
257 (INT 7343)	3	101 (T)
258 (INT 7348)	3	096
259 (INT 7356)	3	099, 101 (T)
260 (INT 7362)	3	099, 101 (T)
261	4	101 (T)
262	4	102 (T)
263 (INT 7383)	4	101 (T)
272	4	096, 101 (T)
292 (INT 7021)	2	101 (T)
293 (INT 7022)	3	101 (T)
308	5	102 (T)
313	5	098
352 (INT 7416)	5	102 (T)
354 (INT 7408)	5	102 (T)
355 (INT 7405)	5	102 (T)
356 (INT 7400)	5	098
357 (INT 7397)	5	098, 102 (T)
391	5	102 (T)
2001	3	095
2003	3	097
2004 (INT 7359)	3	099, 104 (T)
2008	3	103 (T)
2010	3	103 (T)
2015 (INT 7337)	3	095
2018 (INT 7321)	2	100, 105 (T)
2025	3	096
2029 (INT 7358)	3	099
2045 (INT 7360)	3	099, 104 (T)
2059 (INT 7322)	2	100, 105 (T)
2080	2	100, 105 (T)

SECTION – II
PERMANENT NOTICES

***095/(07/12) INDIA – WEST COAST – Port of Mumbai – Buoy.**

Source: Mumbai Port Trust

(HJ/1030/12)

Chart 2015 (INT 7337)[previous update 263/11]

Move  Fl.R.1,5s from: 18° 55'·28N., 72° 51'·03E.
to: 18° 55'·17N., 72° 51'·04E.

Chart 2001[previous update 263/11]

Move  Fl.R.1,5s from: 18° 55'·28N., 72° 51'·03E.
to: 18° 55'·17N., 72° 51'·04E.

***096/(07/12) INDIA – WEST COAST – Kasargod Anchorage – Wreck.**

Source: NHO.

(HJ/1030/12)

Chart 2025 [previous update 174/09]

Insert  (a) 12° 29'·28N., 74° 53'·41E.
Delete , close east of: (a) above

Chart 217 [previous update 066/11]

Substitute  for  12° 29'·28N., 74° 53'·41E.

Chart 218 [previous update NE 15 May 10]

Substitute  for  12° 29'·36N., 74° 53'·36E.

Chart 258 (INT 7348) [previous update 258/10]

Substitute  for  12° 29'·28N., 74° 53'·41E.

Chart 272 [previous update 048/11] {WGS 84 Datum}

Substitute  for  12° 29'·36N., 74° 53'·36E.

***097/(07/12) INDIA – WEST COAST – Badagara Anchorage – Wreck.**

Source: NHO.

(HJ/1030/12)

Chart 2003 [previous update 261/11]

Substitute  for  11° 33'·62N., 75° 35'·36E.

Chart 219 [previous update 242/11]

Substitute  for  11° 33'·62N., 75° 35'·36E.

***098/(07/12) INDIA – EAST COAST – Mamallapuram to Point Pudi – Light.**

Source: NHO.

(HJ/1029/11)

Chart 313 [previous update 075/12]

Amend light to, Fl.10s42m.30M 12° 36'·94N., 80° 11'·47E

Chart 356 (INT 7400) [previous update 271/11]

Amend light to, Fl.10s42m.30M 12° 36'·94N., 80° 11'·47E

Chart 357 (INT 7397) [previous update NE 31 Oct 11]

Amend light to, Fl.10s42m.30M 12° 36'·94N., 80° 11'·47E

***099/(07/12) INDIA – WEST COAST – Approaches to Kochi – Port of Kochi – Buoyage. Anchorage Areas. Anchoring Prohibited Areas. Pilot Boarding Places.**

Source: Harbour Master, Cochin Port Trust.

(HJ/930/93)

Chart 259(INT7356) [previous update 242/11]



Delete		FL.10s7m10M Fairway	09° 57′.74N., 76° 08′.79E.
			09° 58′.80N., 76° 08′.90E.
		Legend, “Spoil Ground” , centered on:	09° 55′.50N., 76° 11′.20E.

Chart 260(INT7362) [previous update 089/11]




Delete		FL.10s7m10M Fairway	09° 57′.74N., 76° 08′.79E.
			09° 58′.80N., 76° 08′.90E.
		Legend, “Spoil Ground” , centered on:	09° 55′.50N., 76° 11′.20E.




Chart 220 [previous update 076/12]

Insert		(N)	09° 58′.20N., 76° 08′.76E.
		(S)	09° 57′.20N., 76° 08′.76E.
		(W)	09° 57′.40N., 76° 05′.56E.
		limit of anchoring prohibited area ,-----  -----,	
		joining:	09° 58′.50N., 76° 03′.56E.
			09° 58′.50N., 76° 05′.56E.
			09° 56′.50N., 76° 05′.56E.
			09° 56′.50N., 76° 03′.56E.

limit of anchorage area ,-----  -----,	joining:	(a)	09° 56′.50N., 76° 03′.56E.
		(b)	09° 56′.50N., 76° 05′.16E.
		(c)	09° 54′.00N., 76° 05′.16E.
		(d)	09° 54′.00N., 76° 03′.56E.
		and	
		(e)	09° 56′.50N., 76° 06′.86E.
		(f)	09° 56′.50N., 76° 10′.66E.
		(g)	09° 54′.00N., 76° 10′.66E.
		(h)	09° 54′.00N., 76° 06′.86E.

legend, “Anchorage Area” , within:

circular limit of dumping area, pecked line, radius 1500M centred on:	(j)	10° 00′.00N., 76° 05′.00E.
circular limit of dumping area, pecked line, radius 1500M centred on:	(k)	09° 55′.00N., 76° 06′.00E.
legend, “North Dumping Ground” , centred on:	(j) above	
legend, “South Dumping Ground” , centred on:	(k) above	

Delete		FL.10s7m10M Fairway	09° 57′.74N., 76° 08′.87E.
			09° 57′.74N., 76° 08′.37E.
			09° 58′.80N., 76° 08′.90E.
		legend, “Dumping Ground” , centered on:	10° 00′.20N., 76° 09′.00E.
			09° 55′.50N., 76° 08′.95E.
		legend, “Spoil Ground” , centered on:	09° 55′.25N., 76° 10′.50E.
			09° 58′.65N., 76° 13′.30E.
		legend, “Disused Spoil Ground” , centered on:	09° 56′.20N., 76° 12′.20E.

***099/(07/12) INDIA – WEST COAST – Approaches to Kochi – Port of Kochi – Buoyage. Anchorage Areas. Anchoring Prohibited Areas. Pilot Boarding Places. (Continued)**











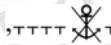










Chart 2029(INT7358) [previous update 055/12]

Insert		(N)	09° 58′.30N., 76° 08′.70E.
		(S)	09° 57′.30N., 76° 08′.70E.
		(W)	09° 57′.50N., 76° 05′.50E.
	limit of anchoring prohibited area ,TTTT TTTT, joining:		09° 58′.60N., 76° 03′.50E. 09° 58′.60N., 76° 05′.50E. 09° 56′.60N., 76° 05′.50E. 09° 56′.60N., 76° 03′.50E.
	limit of anchorage area ,----- -----, joining:		(a) 09° 56′.60N., 76° 03′.50E. (b) 09° 56′.60N., 76° 05′.10E. (c) 09° 54′.10N., 76° 05′.10E. (d) 09° 54′.10N., 76° 03′.50E. and (e) 09° 56′.60N., 76° 06′.80E. (f) 09° 56′.60N., 76° 10′.60E. (g) 09° 54′.10N., 76° 10′.60E. (h) 09° 54′.10N., 76° 06′.80E.
	legend, “Anchorage Area for Vessels of Draft more than 12.0m”, within:		(a) – (d) above
	legend, “Anchorage Area for Vessels of Draft up to 12.0m”, within:		(e) – (h) above
Delete		FL.10s7m10M Fairway	09° 57′.83N., 76° 08′.82E
			09° 57′.83N., 76° 08′.32E.
			09° 56′.50N., 76° 05′.50E.
	limit of anchoring prohibited area ,TTTT TTTT, joining:		09° 56′.82N., 76° 06′.54E. 09° 56′.82N., 76° 08′.54E. 09° 58′.83N., 76° 08′.54E. 09° 58′.83N., 76° 06′.54E.





Chart 2004(INT7359) [previous update 055/12]


Insert		Fl.G.5s No.1	09° 57′.62N., 76° 07′.10E.
		Fl.G.5s No.3	09° 57′.70N., 76° 08′.28E.
		Fl.G.5s No.5	09° 57′.77N., 76° 09′.37E.
		Fl.G.5s No.7	09° 57′.84N., 76° 10′.46E.
		Fl.G.5s No.9	09° 57′.91N., 76° 11′.55E.
		Fl.G.5s No.11	09° 57′.97N., 76° 12′.37E.
		Fl.G.5s No.13	09° 58′.01N., 76° 13′.19E.
		Fl.G.5s No.15	09° 58′.06N., 76° 14′.01E.
		Fl.R.5s No.2	09° 57′.77N., 76° 07′.09E.

***099/(07/12) INDIA – WEST COAST – Approaches to Kochi – Port of Kochi – Buoyage. Anchorage Areas. Anchoring Prohibited Areas. Pilot Boarding Places. (Continued)**

	<i>Fl.R.5s</i> <i>No.4</i>	09° 57′.84N., 76° 08′.27E.
	<i>Fl.R.5s</i> <i>No.6</i>	09° 57′.91N., 76° 09′.36E.
	<i>Fl.R.5s</i> <i>No.8</i>	09° 57′.98N., 76° 10′.45E.
	<i>Fl.R.5s</i> <i>No.10</i>	09° 58′.06N., 76° 11′.54E.
	<i>Fl.R.5s</i> <i>No.12</i>	09° 58′.11N., 76° 12′.36E.
	<i>Fl.R.5s</i> <i>No.14</i>	09° 58′.16N., 76° 13′.18E.
	<i>Fl.R.5s</i> <i>No.16</i>	09° 58′.25N., 76° 14′.27E.
	(N)	09° 58′.30N., 76° 08′.70E.
	(S)	09° 57′.30N., 76° 08′.70E.
	(W)	09° 57′.50N., 76° 05′.50E.
limit of anchoring prohibited area  ,	joining:	09° 58′.60N., 76° 04′.60E.(W Border)
		09° 58′.60N., 76° 05′.50E.
		09° 56′.60N., 76° 05′.50E.
		09° 56′.60N., 76° 04′.60E.(W Border)
limit of anchorage area  ,	joining:	(a) 09° 56′.60N., 76° 04′.60E.(W Border)
		(b) 09° 56′.60N., 76° 05′.10E.
		(c) 09° 54′.10N., 76° 05′.10E.
		(d) 09° 54′.10N., 76° 04′.60E.(W Border)
		and
		(e) 09° 56′.60N., 76° 06′.80E.
		(f) 09° 56′.60N., 76° 10′.60E.
		(g) 09° 54′.10N., 76° 10′.60E.
		(h) 09° 54′.10N., 76° 06′.80E.
legend, “Anchorage Area for Vessels of Draft more than 12.0m” , within:		(a) – (d) above
legend, “Anchorage Area for Vessels of Draft up to 12.0m” , within:		(e) – (h) above
Delete 	<i>FL.10s7m10M</i> <i>Fairway</i>	09° 57′.83N., 76° 08′.82E.
		09° 57′.83N., 76° 08′.32E.
		09° 56′.50N., 76° 05′.50E.
	<i>Fl.R.5s</i> <i>No.2</i>	09° 58′.00N., 76° 10′.48E.
	<i>Fl.R.5s</i> <i>No.4</i>	09° 58′.08N., 76° 11′.41E.
	<i>Fl.R.5s</i> <i>No.6</i>	09° 58′.12N., 76° 12′.34E.
	<i>Fl.R.5s</i> <i>No.8</i>	09° 58′.15N., 76° 12′.88E.
	<i>Fl.R.5s</i> <i>No.10</i>	09° 58′.25N., 76° 14′.30E.
	<i>Fl.G.5s</i> <i>No.1</i>	09° 57′.86N., 76° 10′.47E.



***099/(07/12) INDIA – WEST COAST – Approaches to Kochi – Port of Kochi – Buoyage. Anchorage Areas. Anchoring Prohibited Areas. Pilot Boarding Places. (Continued)**

	<i>Fl. G. 5s</i> <i>No. 3</i>	09° 57′.95N., 76° 11′.46E.
	<i>Fl. G. 5s</i> <i>No. 5</i>	09° 58′.00N., 76° 12′.31E.
	<i>Fl. G. 5s</i> <i>No. 7</i>	09° 58′.05N., 76° 12′.93E.
	<i>Fl. G. 5s</i> <i>No. 9</i>	09° 58′.12N., 76° 13′.95E.

limit of anchoring prohibited area ,
joining:

09° 56′.82N., 76° 06′.54E.
09° 56′.82N., 76° 08′.54E.
09° 58′.83N., 76° 08′.54E.
09° 58′.83N., 76° 06′.54E.

Chart 2045(INT7360) [previous update 055/12]

Insert	 	<i>Fl. G. 5s</i> <i>No. 15</i> <i>Fl. R. 5s</i> <i>No. 16</i>	09° 58′.060N., 76° 14′.010E. 09° 58′.251N., 76° 14′.272E.
Delete	 	<i>Fl. G. 5s</i> <i>No. 9</i> <i>Fl. R. 5s</i> <i>No. 10</i>	09° 58′.115N., 76° 13′.948E. 09° 58′.248N., 76° 14′.299E.

***100/(07/12) INDIA – WEST COAST – Kandla – Sogal Channel – Buoy.**

Source: Kandla Port Trust.

(HJ/1130/29)

Chart 2018 (INT 7321) [previous update 074/12]

Delete		<i>Fl. G. 4s</i> <i>No. 1</i>	22° 52′.02N., 70° 08′.75E.
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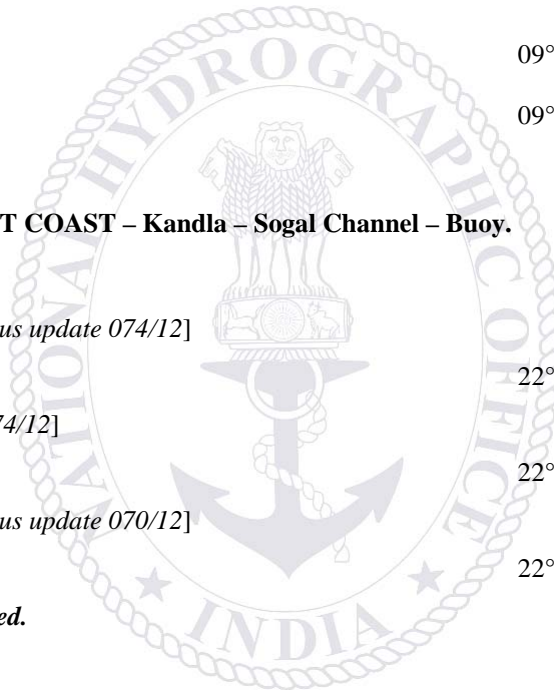
Chart 2080 [previous update 074/12]

Delete		<i>Fl. G. 4s</i> <i>No. 1</i>	22° 52′.02N., 70° 08′.75E.
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Chart 2059 (INT 7322) [previous update 070/12]

Delete		<i>Fl. G. 4s</i> <i>No. 1</i>	22° 52′.03N., 70° 08′.76E.
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Former INM 439/08 is Cancelled.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***101(T)/(07/12) INDIA – WEST COAST – Arabian Sea – ADCP Moorings.**

Source: NIO Goa.

(HJ/1031/90)

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth(in metres)	Charts affected
OMD4	19° 59'.93N	69° 13'.92E	351	21 – 292(INT7021) – 253(INT7328).
OBD	13° 38'.07N	73° 15'.79E	191	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
OBS	13° 52'.08N	73° 24'.48E	163	22(INT752) – 257(INT7343) – 272 – 293(INT7022).
OKD4	09° 02'.77N	75° 26'.31E	398	22(INT752) – 259(INT7356) – 221.
KKD3	06° 57'.83N	77° 23'.81E	279	22(INT 752) – 23 – 32(INT 754) – 261 – 263(INT 7383).
OXS4	09° 00'.17N	75° 57'.47E	162	22(INT752) – 32(INT754) – 259(INT7356) – 260(INT7362) – 221.
OGD7	15° 09'.86N	72° 44'.94E	185	22(INT 752) – 293(INT7022) – 214.
OGS7	15° 12'.08N	72° 59'.10E	163	22(INT752) – 293(INT7022) – 257(INT7343) – 214 – 215.

2. All positions referred to WGS 84 datum.
3. Mariners to exercise caution.
4. **Former INM 266(T)/11 is cancelled.**

***102(T)/(07/12) INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.**

Source: NIO Goa.

(HJ/1029/67)

1. Underwater Acoustic Doppler Current Profiler (ADCP) mooring deployed by National Institute of Oceanography, Goa in following positions:-

ADCP Mooring	Positions		Depth(in metres)	Charts affected
BOKS-2	16° 16'.76 N	82° 06'.96 E	91	31 – 32(INT754) – 391 – 355(INT7405).
*SSMD3	08° 48'.89N	79° 11'.61E	77	32(INT 754) – 262.
*BOPS-3	12° 01'.83 N	80° 08'.07 E	103	32(INT754) – 33 – 357(INT7397).
*BOPD-3	12° 00'.96 N	80° 12'.28 E	330	32(INT754) – 33 – 357(INT7397).
*BOKD-3	16° 27'.10 N	82° 36'.52 E	362	31 – 32(INT754) – 355(INT7405).
*BOVS-3	17° 49'.04 N	83° 58'.88 E	102	31 – 32(INT754) – 308 – 354(INT7408) – 391.
*BSVS-2	17° 08'.17 N	82° 59'.59 E	89	31 – 32(INT754) – 391 – 354(INT7408)
*BOVD-2	17° 44'.60 N	84° 00'.99 E	182	308 – 354(INT7408) – 391.
*BSGS-2	18° 38'.76 N	84° 47'.29 E	85	31 – 352(INT7416).
*BOGS-4	19° 24'.73 N	85° 41'.62 E	175	31 – 352(INT7416).
*BOGD-4	19° 22'.86 N	85° 47'.23 E	213	31 – 352(INT7416).
*BNBD-4	19° 03'.80 N	88° 55'.95 E	332	31.

* indicates new or revised entries.

2. All positions referred to WGS 84 datum.
3. All vessels operating in vicinity are to maintain a safe distance from moorings and exercise caution.
4. **Former INM 169(T)/11 is cancelled.**

***103(P)/(07/12) INDIA – WEST COAST – Karwar Naval Harbour – Navigational light. Beacon light. Transit marks.**

Source: DDG(PI) Karwar, Project Seabird.

(HJ/1030/45)

1. Installation of following Nav aids for Karwar Naval harbour will be progressed from early April to end May 12.

(a) Buoys – Four sets of channel marking buoys would be installed in the following positions:

Buoys	Position	Remarks
G1	14° 44′.41N. 74° 07′.58E.	
R2	14° 44′.41N. 74° 07′.43E.	
G3	14° 45′.02N. 74° 07′.58E.	
R4	14° 45′.02N. 74° 07′.43E.	
G5	14° 45′.63N. 74° 07′.58E.	
R6	14° 45′.63N. 74° 07′.43E.	
G7	14° 45′.83N. 74° 07′.65E.	Existing buoys repositioned
R8	14° 45′.83N. 74° 07′.43E.	Existing buoys repositioned

(b) Beacon Lights:

Beacon Light	Position
Spur break water	14° 45′.21N. 74° 07′.36E.
Kwada Island	14° 44′.07N. 74° 09′.87E.
Work Harbour South Breakwater	14° 44′.41N. 74° 07′.58E.
Round Island	14° 45′.50N. 74° 07′.67E.

3. Transit Marks:

Transit Mark	Position	Remarks
Forward	14° 46′.53N. 74° 07′.49E.	At existing location after dismantling
Aft	14° 46′.53N. 74° 07′.49E.	

4. All positions referred to WGS84 datum.

5. Mariners are advised to exercise caution and contact local port authorities for more information.

Chart Affected – 215 – 216 – 2008 – 2010.

***104 (P)/(07/12) INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Channel Limit.**

Source: Kochi Port.

(HJ/930/93)

1. The outer approach channel of Kochi Port has been extended approximately by 03NM. Dredging is in progress for deepening and widening of outer channel.

2. New buoys are positioned to coincide with the extension/widening of approach channel.

4. Mariners to exercise caution and contact port authorities for further information.

5. **Former INM 093(P)/12 is cancelled.**

Charts Affected – 2004(INT7359) – 2045(INT7360).

***105(T)/(07/12) INDIA – WEST COAST – Kandla – Sogal channel – Buoy.Jetty**

Source: Hydrographic Note, INS Veer.

(HJ/1130/29)

1. A new craft flotilla jetty has been constructed in the Kandla Creek situated south of pantheon jetty and north of passenger jetty, lay of berth is 356° - 176° and length of berth is 130 meters approximately.

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

Charts affected – 2080 – 2018(INT 7321) – 2059(INT 7322).

SECTION – IV **MARINE INFORMATION**

1. MUMBAI NAVTEX COAST STATION

MSI Promulgation by Mumbai NAVTEX Coast Station position 19° 05'.00 N, 072° 50'.00 E is closed for maintenance.

(Source - NAVAREA VIII Warning 305/08)

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 SOME ECDIS

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.

(Source - NAVAREA VIII Warning 141/12)

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:-

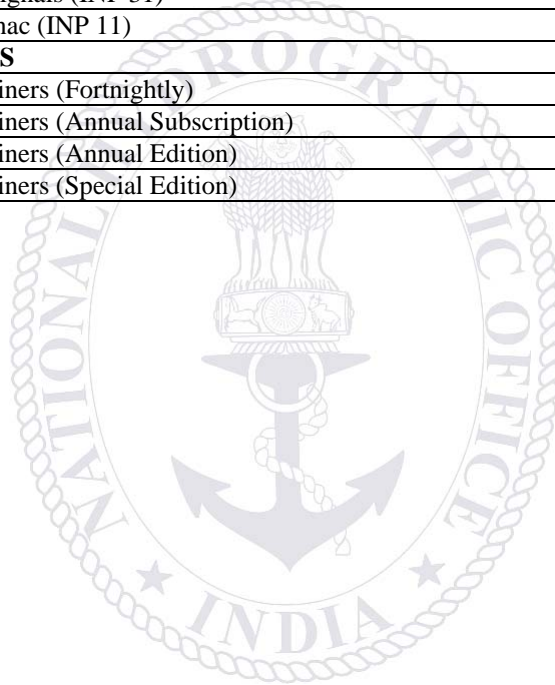
<p>*JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>*JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no 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>	
<p>* Indicates C Map Norway AS has changed name to Jeppesen Marine Norway AS. Indicates C Map India has changed name to Jeppesen India.</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: 9910891631, 9810705062 Email: ravipani@indiatimes.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: maritimeindia@airtelmail.in
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 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 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

REVISED RATES OF CHARTS AND PUBLICATION
W.E.F. 01 APR 2012

<u>S.No.</u>	<u>Name of Chart/ Publications</u>	<u>Sale Price in INR</u>
NAVIGATIONAL CHARTS		
1	Paper Chart	1870.00
INDIAN NAVAL PUBLICATIONS (INPs)		
2	West Coast of India Pilot (INP 1)/ Bay of Bengal Pilot (INP 2)	4480.00
3	Symbols and Abbreviations (INP 5020)	930.00
4	IALA Maritime Buoyage System(Booklet)	580.00
5	Distance Tables of India and Adjacent Ports (INP 5082)	500.00
6	Catalogue of Charts and Publications (INP 10)	250.00
7	List of Lights Volume D & E (INP 21a)	2390.00
8	List of Lights Volume F & K (INP 21b)	2390.00
9	List of Radio Signals (INP 31)	3400.00
10	Nautical Almanac (INP 11)	3200.00
NOTICES TO MARINERS		
11	Notices to Mariners (Fortnightly)	200.00
12	Notices to Mariners (Annual Subscription)	2000.00
13	Notices to Mariners (Annual Edition)	600.00
14	Notices to Mariners (Special Edition)	1250.00



INDIAN SHIP REPORTING SYSTEM (INDSAR)

1. In compliance to the provisions of international convention of Maritime Search and Rescue, 1979 (SAR convention 1979), and to provide/coordinate effective search and rescue operation in a possible event of unfortunate Marine causality the Indian Coast Guard brought in to operations the ship position reporting system w.e.f. 01 Feb 2003 under the name Indian Ship Reporting System (INDSAR). The INDSAR is an advanced computerized system designed to contribute to safety of life at sea and is operated and maintained by the Indian Coast Guard through Maritime Rescue Coordinate Centre (MRCC) in Mumbai. **All vessels transiting in the Indian Search and Rescue Region (ISRR) are requested to follow the guidelines as promulgated in Indian Notices to Mariners “Special Edition - 2008 Notice no. 8 (Para 21 through 51)” for prompt action.**

2. INDSAR is a mandatory reporting by all Indian registered ships of 100 GRT or more including sailing and fishing vessels engaged in international and domestic coastal routes. The Indian Government encourages foreign ships of 300 GRT and above to participate in the INDSAR voluntarily for effective SAR co-ordination and safety of life at sea. All ships, 100 GRT and above irrespective of the flag carrying Nuclear, other inherently dangerous or Noxious substances or materials entering into or transiting the Indian search and rescue region (ISSR) waters are encouraged to participate in the INDSAR reporting system for safety. All ships of vintage 20 years and above irrespective of the flag are advised to send the relevant report under INSDAR within ISSR. The format of the report or reports shall conform to the ship reporting guidelines prescribed in IMO resolutions A.851 (20).

3. With a view to encourage position reporting by merchant vessels transiting in ISRR to the INDSAR, INMARSAT – C Special access Toll free 43 code through LES PUNE is activated.

4. Procedure to send INDSAR ship report through INMARSAT – C toll free special access code – 43 is as follows:

(a) **Header Part.**

(a.i) Enter the header in following format in your message

(a.ii) m:indsar?vsnl.net

(a.iii) Where m stands for “Mail”

(a.iv) Always enter “:” after the service category m

(a.v) Kindly see that “@” sign is entered as “?”

(a.vi) Kindly see the following example where indsar@vsnl.net is entered as:
m:indsar?vsnl.net

(b) **Message Part.**

(b.i) After header is finished type “BT” (Begin Text) and then press enter in next line start typing your text messages

(b.ii) Then dial two digit codes “43” and send the message. Transmit the message by selecting the LES ID 306 and special access code “43” in the transmit menu with 7 bit format (for INDSAR toll free 43 special access code please use LES ID 306)

5. The complete message looks like as shown:-

M:indsar?vsnl.net
BT
(.....your message.....
.....
.....)

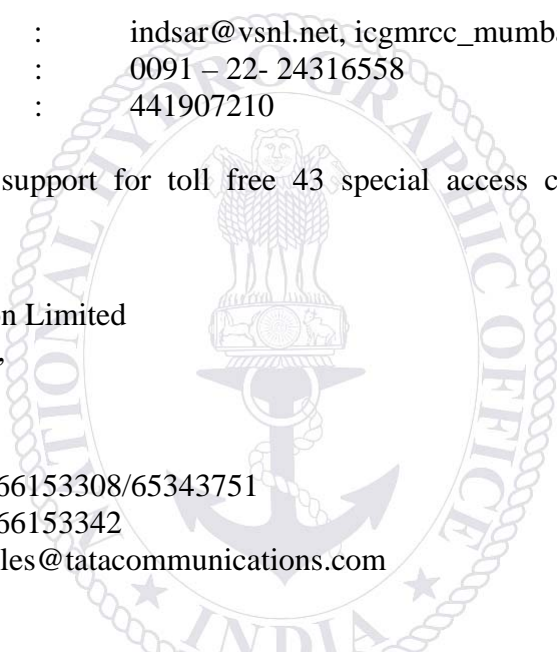
6. The above INDSAR position report can also be sent in the following mode:

E mail : indsar@vsnl.net, icgmrcc_mumbai@mtnl.net.in
Telefax : 0091 – 22- 24316558
INMARSAT – C : 441907210

7. For any technical support for toll free 43 special access code contact details are as follows:-

Pune LES
Tata Communication Limited
Alandi Road, Dighi,
Pune – 411015
Maharashtra - India

Telephone: 020 66153308/65343751
Fax: 020 66153342
E mail: puneles@tatacommunications.com



**ANTIPIRACY MEASURES BY SHIPS IN
INDIAN SEARCH AND RESCUE AND RESCUE REGION**

1. Masters of ships are advised to immediately report any incident of piracy /armed robbery/petty theft or unauthorised boarding whilst in the Indian Search and Rescue Region (ISRR) to the nearest Maritime Rescue Coordination Centre (MRCC) of the Indian Coast Guard/ nearest Port authority.

2. The contact details of the MRCCs/MRSCs are available in following publications:

- (i) Indian Special Edition 2008 Notice No. 7 page no. 48, para 76
- (ii) List of Radio Signals Volume I, INP 31(1), 2005, Page No. 29 to 35.

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 – 2008.

2. NAVAREA VIII Warnings Inforce as on 30 Mar 12.

2011 SERIES: - 225 228 442 574 596 708

2012 SERIES: - 024 037 043 066 068 088 089 091 099 100 102 103 106 109 113 121 125 127
134 137 141 148 152 154 155 157 161 162 164 165 168 169 170 171 172

3. NAVAREA VIII Warnings issued during the period from 16 Mar to 30 Mar 12 (both dates inclusive) are as tabulated below:-

145. India West Coast – Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706. Firing by Naval coast battery 15-24.6N 073-47.1E between 0430 UTC to 0730 UTC from 26 Mar to 27 Mar 12.
2. Danger area sector of 20 nm radius from 200 degree to 260 degree from firing position.
3. Safe flying height 6500 metres.
4. Cancel this MSG 270830 UTC Mar 12.
146. Cancel NAVAREA VIII 67/12 and this MSG. Karwar harbour south breakwater Round Island light operational.
147. Cancel NAVAREA VIII 69/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking buoy no 1 and buoy no 3 unlit. Buoy no 6 and buoy no 7 temporarily removed.
148. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 191004 UTC Mar 12:
ABAN ICE 18-42.33N 070-50.92E
ABAN III 19-11.98N 072-11.00E
ABAN IV 19-40.40N 071-19.38E
ABAN VII 20-59.65N 071-49.11E
DEEP SEA FOSSIL 20-55.05N 072-32.50E
DEEP SEA FORTUNE 20-40.06N 072-13.03E
DISCOVERY-1 20-43.00N 072-19.06E
GREATDRILL CHETNA 20-01.34N 072-00.62E
GREATDRILL CHITRA 19-23.52N 071-25.18E
JT ANGEL 19-36.74N 071-24.01E
KEDARNATH 20-15.13N 071-28.24E
NOBLE KENNETH DELANEY 19-21.80N 071-23.85E
NOBLE CHARLIE YESTER 21-03.69N 072-25.30E
NOBLE ED HOLT 19-40.15N 072-00.33E
RON TAPPMeyer 19-34.16N 071-25.13E
SAGAR GAURAV 22-22.06N 068-28.73E
SAGAR KIRAN 20-20.03N 072-07.55E
SAGAR LAXMI 18-36.16N 071-01.65E
SAGAR PRAGATI 18-32.26N 072-15.45E
SAGAR SHAKTI 19-57.30N 072-19.18E
SAGAR SAMRAT 19-32.13N 071-18.81E
TRIDENT – 2 19-26.06N 071-24.26E
TRIDENT – 12 19-08.00N 071-52.08E
VIRTUE 1 19-05.35N 072-06.88E
wide berth requested.
2. Cancel NAVAREA VIII 124/12.
149. Indian Ocean – Western Part. Charts INT 71 INT 72 INT 703. Piracy. M/V Attacked 05-47N 053-50E at 171120 UTC Mar 12 and 05-39N 053-20E at 190255 UTC Mar 12.
2. Caution advised.
3. Cancel this MSG 220255 UTC Mar 12.
150. Cancel NAVAREA VIII 120/12 and this MSG. INM 94/12 refers.

<p>151. Cancel NAVAREA VIII 142/12. India Andaman Sea – Andaman Islands. Charts 33 41 405 473 4030 INT 706. Firing by Naval ships from 240830 UTC to 241230 UTC Mar 12 in area bounded by:</p> <table border="0"> <tr> <td>(a) 11-15N 092-35E</td> <td>(b) 11-15N 092-46E</td> </tr> <tr> <td>(c) 11-05N 092-46E</td> <td>(d) 11-05N 092-35E</td> </tr> </table> <p>2. Safe flying height 5500 metres. 3. Cancel this MSG 241330 UTC Mar 12.</p>	(a) 11-15N 092-35E	(b) 11-15N 092-46E	(c) 11-05N 092-46E	(d) 11-05N 092-35E
(a) 11-15N 092-35E	(b) 11-15N 092-46E			
(c) 11-05N 092-46E	(d) 11-05N 092-35E			
<p>152. BAY OF BENGAL-INDIA EAST COAST. CHARTS 31 32 391 INT 706. FOLLOWING ADCP MOORINGS ESTABLISHED</p> <p>BOPS3 12-01.82N 080-08.07E BOPD3 12-00.96N 080-12.28E BOKD3 16-27.09N 082-36.51E BOVS3 17-49.04N 083-58.88E BSVS2 17-08.16N 082-59.59E BOVD2 17-44.60N 084-00.99E BSGS2 18-38.76N 084-47.28E BOGS4 19-24.72N 085-41.62E BOGD4 19-22.85N 085-47.23E BNBD4 19-03.80N 088-55.94E</p> <p>2. Caution advised.</p>				
<p>153. Indian Ocean – off Tanzania. Charts 8008 INT 71 INT 701. Half submerged fishing vessel reported adrift in vicinity 08-59.1S 039-46.9E at 191508 UTC Mar 12.</p> <p>2. Cancel this MSG 221508 UTC Mar 12.</p>				
<p>154. India West Coast – off Dwarka. Charts 21 202 252 271 292 INT 705. Wreck of MFB Maruti reported 22-10.76N 068-13.50E at 200945 UTC Mar 12.</p>				
<p>155. India East Coast – Bay of Bengal. Charts 31 32 391 INT 71 INT 706. Firing by Naval Ships from 0300 UTC to 0830 UTC on 30 Mar and 31 Mar 12 in area bounded by:</p> <table border="0"> <tr> <td>(a) 16-09.0N 083-59.0E</td> <td>(b) 15-26.5N 084-44.0E</td> </tr> <tr> <td>(c) 14-38.0N 084-07.5E</td> <td>(d) 15-20.0N 083-24.0E</td> </tr> </table> <p>2. Safe flying height 10000 metres. 3. Cancel this MSG 310930 UTC Mar 12.</p>	(a) 16-09.0N 083-59.0E	(b) 15-26.5N 084-44.0E	(c) 14-38.0N 084-07.5E	(d) 15-20.0N 083-24.0E
(a) 16-09.0N 083-59.0E	(b) 15-26.5N 084-44.0E			
(c) 14-38.0N 084-07.5E	(d) 15-20.0N 083-24.0E			
<p>156. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery from 300530 UTC to 300730 UTC Mar 12.</p> <p>2. Danger zone sector of 11 nm radius between 045 degree and 075 degree from 13-07.02N 080-18.01E 3. Safe flying height 12800 metres. 4. Cancel this MSG 300830 UTC Mar 12.</p>				
<p>157. India West Coast – Mormugao. Chart 22 214 215 257 2022 INT 71 INT 706. Firing by Naval Aircraft from 0230 UTC to 1230 UTC daily from 01 Apr to 07 Apr and 14 Apr to 21 Apr 12 in area bounded by:</p> <table border="0"> <tr> <td>(a) 15-13N 073-57E</td> <td>(b) 15-13N 073-52E</td> </tr> <tr> <td>(c) 15-11N 073-52E</td> <td>(d) 15-11N 073-57E</td> </tr> </table> <p>2. Safe flying height 3500 metres. 3. Cancel this MSG 211330 UTC Apr 12.</p>	(a) 15-13N 073-57E	(b) 15-13N 073-52E	(c) 15-11N 073-52E	(d) 15-11N 073-57E
(a) 15-13N 073-57E	(b) 15-13N 073-52E			
(c) 15-11N 073-52E	(d) 15-11N 073-57E			
<p>158. Bay of Bengal – Southern Part. Charts 33 INT 706. Following Srilankan fishing boats reported adrift on 19 Mar 12:</p> <p>(a) 11-30N 087-33E EVERSINE III with 05 crews. (b) 10-40N 084-46E PRAGATI with 06 crews.</p> <p>2. Cancel this MSG 250001 UTC Mar 12.</p>				
<p>159. Cancel NAVAREA VIII 143/12. NAVAREA VIII – messages in force as on 221005 UTC Mar 12:</p> <p>2011 Series: - 225 228 442 574 596 708 2012 Series: - 024 037 043 066 068 080 088 089 090 091 099 100 102 103 106 109 113 121 125 127 128 134 136 137 138 141 145 147 148 151 152 153 154 155 156 157 158</p> <p>(a) NAVAREA VIII warnings less than 42 days old (080/12 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.</p> <p>2. Cancel this MSG 301001 UTC Mar 12.</p>				

160. India East Coast – Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex between 0430 UTC to 0930 UTC from 28 Mar to 30 Mar 12. Danger zone bounded by:				
(a)	21-22.06N	086-56.40E	(b)	21-19.15N 086-54.48E
(c)	21-12.93N	086-55.53E	(d)	20-40.30N 087-15.01E
(e)	19-04.85N	088-39.23E	(f)	19-21.95N 089-01.33E
(g)	20-57.58N	087-37.18E	(h)	21-21.25N 087-06.18E
(j)	21-23.31N	086-59.80E		
2.	Caution advised.			
3.	Cancel this MSG 301030 UTC Mar 12.			
161. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing between 0230 UTC to 1130 UTC from 01 Apr to 07 Apr and 15 Apr to 21 Apr 12.				
2.	Danger zone 05 NM radius around 13-50N 081-40E.			
3.	Safe flying height 3500 metres.			
4.	Cancel this MSG 211230 UTC Apr 12.			
162. Cancel NAVAREA VIII 147/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking buoy no 1 unlit. Buoy no 3 and Buoy no 8 temporarily removed.				
163. India West Coast- Off Kanniyakumari. Charts 22 32 223 260 261 263 INT 706. Hydrographic survey will be carried out from 28 Mar 12 to 04 Apr 12 in area bounded by				
(a)	08-00N 077-30E	(b)	08-00N 077-50E	
(c)	08-15N 077-50E	(d)	08-15N 077-30E	
2.	Cancel this MSG on 050001 UTC Apr 12.			
164. India West Coast – Off Kochi. Charts 22 220 259 260 2004 2029 2004 INT 71 INT 706. Firing will be carried out between 0330 UTC to 1200 UTC on 30 Mar and 31 Mar 12. Danger area bounded by				
(a)	09-57.62N	076-14.30E	(b)	09-58.60N 076-09.10E
(c)	09-54.10N	076-09.97E		
2.	Safe flying height 1800 metres.			
3.	Cancel this MSG 311300 UTC mar 12.			
165. India West Coast- Gulf of Khambhat. Charts 21 208 209 254 292 2044 INT 71. Hydrographic survey will be carried out from 03 Apr to 30 Apr 12 in following areas:				
EBTL Hazira				
(a)	21-00.00N	072-37.90E	(b)	21-00.00N 072-42.90E
(c)	21-07.00N	072-42.90E	(d)	21-07.00N 072-37.90E
Tapi River Mouth Hazira				
(a)	21-06.50N	072-39.00E	(b)	21-06.50N 072-43.65E
(c)	21-09.78N	072-43.65E	(d)	21-09.78N 072-39.00E
2.	Cancel this MSG 010001 UTC May 12.			
166. Cancel NAVAREA VIII 160/12. India East Coast- Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex between 0430 UTC to 0930 UTC on 30 Mar 12. Danger zone bounded by				
(a)	21-22.06N	086-56.40E	(b)	21-19.15N 086-54.48E
(c)	21-12.93N	086-55.53E	(d)	20-40.30N 087-15.01E
(e)	19-04.85N	088-39.23E	(f)	19-21.95N 089-01.33E
(g)	20-57.58N	087-37.18E	(h)	21-21.25N 087-06.18E
(j)	21-23.31N	086-59.80E		
2.	Cancel this MSG 301030 UTC Mar 12.			
167. Cancel NAVAREA VIII 080/12 and this MSG.				
168. Cancel NAVAREA VIII 163/12. India West Coast- Lakshadweep Sea. Charts 22 268 272 INT 705. Hydrographic survey will be carried out till 04 Apr 12 in area bounded by				
(a)	11-40N 071-10E	(b)	11-40N 072-35E	
(c)	12-35N 072-35E	(d)	12-35N 071-10E	
2.	Cancel this MSG on 050001 UTC Apr 12.			
169. India West Coast- Port of Mumbai. Charts 21 22 211 255 292 293 2015 2016 2076 INT 705 INT 706. firing from 0400 UTC to 0730 UTC on 04 Apr 12 in following areas				
Middle Ground				
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-54.50N	072-54.00E	(d)	18-55.16N 072-54.83E
Oyster Rock				
(a)	18-54.65N	072-50.58E	(b)	18-50.00N 072-54.50E
(c)	18-48.00N	072-52.00E	(d)	18-54.08N 072-49.80E

Colaba Point					
(a)	18-48.00N	072-38.00E	(b)	18-53.58N	072-48.75E
(c)	19-00.00N	072-44.08E	(d)	19-00.00N	072-38.00E
2.	Safe flying height 2000 metres.				
3.	Cancel this MSG 040830 UTC Apr 12.				
170. India West Coast-Arabian Sea. Charts 22 293 INT 705. Firing by Naval Ships from 0230 UTC to 0630 UTC on 04 Apr 12 in area bounded by					
(a)	15-55N	070-36E	(b)	15-42N	071-15E
(c)	15-05N	071-00E	(d)	15-18N	070-22E
2.	Safe flying height 8000 metres				
3.	Cancel this MSG 040730 UTC Apr 12.				
171. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast battery between 1030 UTC to 1230 UTC on 05 Apr 12					
2.	Danger area from 300 Degree to 020 Degree up to 12 NM seaward from position 22-28.11N 069-04.00E				
3.	Safe Flying height 13000 Metres.				
4.	Cancel this MSG 061330 UTC Apr 12.				
172. India East Coast-Bay of Bengal. Charts 31 32 391 INT 71 INT 706. Firing practice by Naval Ships from 0300 UTC to 0830 UTC on 06 Apr and 07 Apr 12 in area bounded by					
(a)	16-09.00N	083-59.00E	(b)	15-26.50N	084-44.00E
(c)	14-38.00N	084-07.50E	(d)	15-20.00N	083-24.00E
2.	Safe flying height 10000 Metres.				
3.	Cancel this MSG 070930 UTC Apr 12.				
173. NAVAREA VIII-messages in force as on 301003 UTC Mar 12					
2011 SERIES: - 225 228 442 574 596 708					
2012 SERIES: - 024 037 043 066 068 088 089 091 099 100 102 103 106 109 113 121					
125 127 134 137 141 148 152 154 155 157 161 162 164 165 168 169 170 171 172					
(a)	NAVAREA VIII warnings less than 42 days old (088/12 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 061003 UTC Apr 12.				

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)

West Coast of India Pilot (INP-1)

Chapter -5 (Page – 183)

(Source: INS Investigator, ROS F-61)

Article 5.138, Insert new para after para 6

7. **Wrecks and Obstructions** A PA wreck exists in position 11°33'00"N 075°33'50"E which is dangerous to surface navigation. The depth above wreck is 8.7 mtr. Another wreck close to the coast South of Murat river exists in position 11°33'.624 N 75°35'.363 E which is dangerous to surface navigation with a vertical clearance of 1.5 mtr

Chapter -9 (Page – 278)

(Source: INS Investigator, ROS A-254)

Article 9.106a,

Insert at the end of para 1 “The west Basin is located 09 miles west of Mundra port in Position Lat 22° 44'53".10N, Long 069° 33'55".60 E.”

Article 9.106a, Insert photograph before para2



(Photo Courtesy: INS Investigator)

Mundra West Basin

Article 9.106a, para 14

Insert at the end of sub para (i) Chimneys

Sl	Tata Thermal Power Plant	
(1)	22° 45' 51".40 N	69° 31' 45".81E
(2)	22° 48' 59.53" N	69° 31' 45".84E
	Adani Thermal Power Plant	
(1)	22° 49' 19".06 N	69° 32' 59".77 E
(2)	22° 49' 18".79 N	69° 33' 06".58 E
(3)	22° 49' 19".39 N	69° 33' 14".55 E
(4)	22° 49' 18".91 N	69° 33' 24".26 E

Article 9.106a, para 14

Insert at the end of sub para (ii) “HMEL SPM-1 Buoy and pipeline is laid down in position Lat 22° 40' 55".49 N, Long 069° 37' 28".19 E. Buoy is fitted with white colour flashing light characteristic Mo (U) W 15s, Range- 10NM.”

Article 9.106a, para 14

Insert new sub para

(vii) West Basin Berth entrance consists of buoyed channel of length 3700 meters, width 320 and a turning circle radius of 700 meters just abreast of berth.

Bay of Bengal Pilot (INP-2)

Chapter -9 (Page – 309)

(Source: INS Nirupak, ROS N-104)

Article 9.8, insert at the end of para 7

“Tillanchang Island has been declared as a wild life sanctuary and hence restrictions exist here. The area is rich in flora and fauna. The island has a good population of various snakes which make the place dangerous to venture into. A police out post is under construction near the coast on the western side as the island is prone to poaching.”

CORRECTIONS TO INDIAN NOTICES TO MARINERS
ANNUAL EDITION – 2012

Section V, Page No. 55, Delete entire table and replace by:

INDIAN HYDROGRAPHIC PUBLICATIONS – PRICE LIST
(AS ON 01 Apr 2012)

S.No.	Name of Chart/ Publications	Selling price per copy (INR)
1.	Basic Navigational Chart	1870.00
2.	West Coast of India Pilot (INP-1)	4480.00
3.	Bay of Bengal Pilot(INP-2)	4480.00
4.	List of Lights Vol. D & E (INP 21a)	2390.00
5.	List of Lights Vol. F & K (INP 21b)	2390.00
6.	List of Radio Signals Vol I – INP 31(1)(Coast Radio Stations)	3400.00
7.	List of Radio Signals Vol II – INP 31(2) (Radio Navigational Aids, Satellite Navigation Systems, Radio Time Signals and Electronic Position Fixing Systems)	3400.00
8.	List of Radio Signals Vol V – INP 31(5) (Global Maritime Distress and Safety System)	3400.00
9.	List of Radio Signals Vol VI – INP 31(6) (Port Operations, Pilot Services and Traffic Management)	3400.00
10.	Symbol & Abbreviations (INP 5020)	930.00
11.	Distance Table of India & Adjacent Ports (INP 5082)	500.00
12.	Catalogue of Charts & Publications (INP 10a)	250.00
13.	Nautical Almanac (INP 11)	3200.00
14.	Notices to Mariners	200.00
15.	Annual subscription for Notices to Mariners (Fortnightly edition)	2000.00
16.	Notices to Mariners – Annual Edition	600.00
17.	Notices to Mariners – Special Edition	1250.00

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F0703	- Ldg Lts 321° 06' Front	9 58.26N 76 16.33E	Q W 4s	7	11	White metal framework tower, red bands	TE 2012 *
F0704	Remove from list						
F0704.1	Remove from list						
F0756	Cheriyakara Island	10 02.30N 72 17.00E	Fl(2)W 20s	36	19	White metal column, red bands 37	Vis 207°-199° (352°). ILRS Vol 2 Station 79070 *
-	-	..	Racon
F1005-98	Remove from list						
F1222.8	Tillanchang Island	8 28.30N 93 37.00E	Fl W 10s	24	25	White framework tower with black bands	TE 2012 *
F1301	Pulau Benggala	5 47.59 N 94 58.47 E	Fl W 5s	28	15	White beacon 15	<i>fl 0-5</i> *
*	*	*	*	*	*	*	*
F1726-14	- Marina S. Jetty. Head.ICT-1	1 15.77 N 103 52.08 E	Fl Y 2s	7	3	Yellow beacon 5	 *
*	*	*	*	*	*	*	*
F1836-55	-Pulau Sebetul (ID)	4 42.20 N 107 55.81 E	Fl(2)W 10s	34	18	White beacon 30	<i>fl 1, ec 1-5, fl 1, ec 6-5</i> *
*	*	*	*	*	*	*	*
F9328	Remove from list						
K0922-5	- Panjang. North Quay (ID)	5 28.28 S 105 19.06 E	Fl Y 4s	10	6	Yellow x on yellow pipe beacon	 *
*	*	*	*	*	*	*	*
K0922-55	- Panjang. N Pier (ID)	5 28.45 S 105 18.95 E	Fl Y 4s	10	6	Yellow x on yellow pipe beacon	 *
*	*	*	*	*	*	*	*
K1072.83	Remove from list						

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 16 dated 16 Aug 2011)

NIL

INP 31(2), 2007

(Last correction: Edition No. 06 dated 16 Mar 12)

NIL

INP 31(5), 1997

(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 24 dated 16 Dec 2011)

NIL



SECTION – IX **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

3. When a position is defined by bearings (true or magnetic to be specified) more than two bearings should be used in order to provide a check. Distances observed by Radar should be corrected for index errors. Latitude and Longitude obtained from GPS / DGPS should specify the datum (WGS 84 or other). A copy / tracing from the largest scale chart may be used for forwarding details, with the corrections and additions being shown thereon in red.

Depth Reporting

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether 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 applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

5. Reports, which cannot be confirmed or are lacking in certain details should not be withheld. Limitations or shortcomings should be duly notified in the form.

6. Reports on shoal soundings, uncharted dangers and navigational aids out of order should be reported through fastest available means at the mariner's discretion, and also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 50 metres should be of sufficient importance to justify a radio message.

7. Port information should be forwarded on form IH 102a together with IH 102. Form 102a contains the information required for Sailing Direction and should be used as an *aide memoir*. Where there is insufficient space on the form, additional sheet should be used.

Please Note: - The receipt of all Hydrographic Notes will be duly acknowledged by the Hydrographic Office. Normally, the sender's ship or name is quoted as the source when the Notices to Mariners reporting the change is issued, unless the information is received through a foreign Notices to Mariners. Further communication from the Hydrographic Office to the sender of the hydrographic note will only be necessary to verify unusual features or abnormal values reported.

I.H. 102

HYDROGRAPHIC NOTE

(For Reporting Navigational Dangers/ Changes observed at Sea by Mariners)

1. Name of ship or sender	
2. Address of sender	
(i) E-mail	
(ii) Fax No.	
(iii) Tel. No.	
3. General Locality	
4. Chart / Publication Affected:	
(i) Chart published by INHO / UKHO / other (Specify).	
(ii) Chart No.	
(iii) Edition Date.	
(iv) Latest Edition of Indian N to M held	
5. Details of Changes / Dangers Observed.	
Object of Change.	
(i) Date/Time of observation	
(ii) Charted Observed	
(iii) Position/Area	
(a) Bathymetry:	
(i) Depth	
(ii) Depth Contour	
(iii) Channel Depth	
(b) Navigational Dangers:	
(i) New Shoals	
(ii) New Rocks	
(iii) New Reefs	
(iv) New Wrecks	
(v) New Nav-aid (Specify)	
(c) Casualties to existing Nav-Aids:	
(i) Buoys	
(ii) Lights	
(iii) Fog signals	
(iv) Racons	
(v) Transit Marks	
(vi) Leading Lines	
(vii) Clearance bearings	
(d) Designated Areas:	
(i) Exercise Areas	
(ii) Prohibited Areas	
(iii) Pilot Station	
(iv) Anchorage	
(v) Foul Ground	

(e) Port Information:	
(i) Berthing	
(ii) Cranage	
(iii) Tugs	
(iv) Dry Docks	
(v) Repair Facilities	
(vi) Pilotage	
(vii) Fuel	
(viii) Water	
(ix) Any other (Specify)	
(f) Environmental Data	
(i) Met information	
(ii) Tides and Tidal Stream	
(iii) Pollutants	
(iv) Effluents	
(v) Marine Life / Habitats	
(g) Other changes, if any, with Details:	
6. Information on the Positions of Danger / Changes Reported above:	
(a) Positioning System used	
(b) Datum [WGS/Everest/ Local (Specify)]	
(c) Accompanying plots / photographs if any	
7. Information on the Soundings / Depths Reported above:	
(a) Echo Sounder (Type) used	
(b) Draught of Vessel set on Echo Sounder	
(c) Observed water depth vis-à-vis charted depth	
(d) Echo-gram accompanying this report: Yes / No	
(e) Whether voltage drop existed in equipment at observation time	
(f) Data and Time of depth observation	
8. Limitations if any in Reporting the changes above	

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Place
Date

I.H. 102a

HYDROGRAPHIC NOTE FOR PORT INFORMATION**(For Reporting Changes to Port Information)**

1 Name and Address of the Port.	
(a) Name	
(b) Address	
(c) Phone No's	
(d) Web Site	
(e) E Mail	
2 General Remarks	
(a) Principal activities and trade	
(b) Number of ships and tonnage handled per year	
(c) Maximum size of draught of vessel handled	
(d) Soft copy of port handbook	
3 Anchorages	
(a) Type/Purpose	
(b) Minimum depth	
(c) Shelter afforded	
(d) Holding Ground	
(e) Recommended Pilotage to the anchorages	
(f) Request Pilots appreciation to the approach of anchorage area	
4 Pilotage	
(a) Authority for request	
(b) Embarkation Position	
(c) Regulations	
(d) Documents to be provided	
(e) Request Pilots appreciation to the approach of inner harbour and berths.	
(f) Information on Vessel Traffic Management System (VTMS).	
(g) Navigational aid	
(i) List of beacons	
(ii) Buoys	
(iii) Lighthouses	
(iv) Any other information	
5 Directions	
(a) Entry and berthing information	
(b) Tides (Range of the tides)	
(c) Tidal stream information in the area	
(d) Type of season (max/min temperature, rain fall, wind speed and direction)	
6 Pollution Control	
Local regulation in force (if any)	

7 Tugs	
(a) Number available/Type	
(b) Maximum HP/Bollard Pull	
(c) Requesting authority	
(d) Availability times	
(e) Communication with tugs	
(f) Hiring charges	
8 Berthing and wharves	
(a) Type & number of berths available	
(b) Length	
(c) Depth alongside	
(d) Facilities available	
(e) Procedure for requesting berth and hiring charges.	
9 Cargo Handling	
(a) Containers	
(b) Lighters	
(c) Roll on / Roll off etc.	
10 Cranes	
(a) Brief details max lifting capacity, height of boom at wharf level and outreach	
(b) Container handling facilities.	
11 Bridges	
Vertical clearance	
12 Repairs	
(a) Hull machinery and underwater	
(b) Ship and boat yards	
(c) Docking or slipway facilities (size or dimensions of vessels handled)	
(d) Hards and ramps	
(e) Divers/Diving Assistance	
13 Rescue and distress	
(a) Salvage, lifeboats, life guards etc	
14 Supplies	
(a) Fuel (type and quantities available)	
(b) Fresh water and rate of supply	
(c) Provisions	
(d) Chart agents	
15 Services	
(a) Radio/telegram/fax /telephone	
(b) Internet	
(c) Medical	
(d) Quarantine	
(e) counsel	
(f) Ship chandlery and stevedores	
(g) Compass adjustment	
(h) Tank cleaning	
(j) Hull painting	
(k) Police	

(l) Ambulance	
(m) Fire fighting (fixed and mobile facilities)	
(n) Navigational warning and weather bulletin	
(p) garbage disposal	
(q) Waste oil disposal	
(r) Helicopter landing facilities	
16 Communications	
(a) Road, rail and air services available	
(b) Nearest airport or airfield	
(c) Port radio and information service (Frequencies and operating hours)	
17 Port Authority	
Designation, address and phone number	
18 Security	
(a) Security of ports/ International Ship and Port Facility (ISPS) competence	
(b) Container Security Initiative (CSI)	
(c) Custom and Immigration regulation in ports	
19 Small craft facilities	
(a) Information and facilities for small craft yachts visiting the port	
(b) Yacht clubs, berths etc	
20 Shore leave	
21 Clubs recreation	
(a) information kiosk (location)	
(b) Foreign exchange firms/banks (within/near port area)	
(c) Places of interest near port	
(d) Hotels/ restaurants (Type of food served e.g Chinese, continental etc)	
22 Views (duly annotated), photographs of the approaches, leading marks, the entrance to the harbour etc.	
23 Any other information considered to be useful for the mariners	

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(Name & Designation)

Checked by
(Name & Designation)

Place
Date



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

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