

INDIAN NOTICES TO MARINERS



EDITION NO. 01 DATED 01 JAN 2015

(CONTAINS NOTICES 031 TO 033)

NATIONAL HYDROGRAPHIC OFFICE WISHES ALL MARINERS A HAPPY NEW YEAR 2015

REACH US 24 x 7



incho-navy@nic.in
msis-incho-navy@nic.in



+91-135-2748373



National Hydrographic Office
107-A, Rajpur Road
Dehradun – 248001
INDIA



Joint Director of Hydrography
Maritime Safety Information Services
+91- 135 - 2747360-65



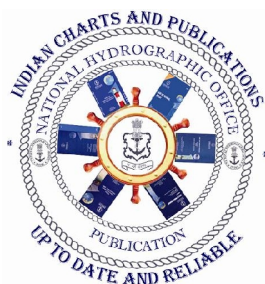
www.hydrobharat.nic.in

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

FEEDBACK: msis-incho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

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

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

Mariners are strongly advised not to use or encourage the use of counterfeit chart and publications.

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. Sl 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

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2040	15-12-2014	PORBANDAR ANCHORAGE <u>Limits</u> 21° 34'.00N; 69° 30'.00E. 21° 41'.00N; 69° 39'.10E.	25,000	2	Rs. 1870.00
	15-12-2014	PORBANDAR PORT <u>Limits</u> 21° 36'.35N; 69° 33'.90E. 21° 38'.80N; 69° 37'.65E.	10,000	2	Rs. 1870.00
3001 (INT 7402)	15-12-2014	APPROACHES TO CHENNAI <u>Limits</u> 12° 59'.40N; 80° 15'.00E. 13° 26'.00N; 80° 32'.80E.	50,000	5	Rs. 1870.00
4181	15-12-2014	SOUTH BAY AND APPROACHES <u>Limits</u> 06° 41'.00N; 93° 44'.00E. 06° 49'.75N; 93° 57'.30E.	25,000	6	Rs. 1870.00
4182	15-12-2014	CAMPBELL BAY AND ANDERSON BAY <u>Limits</u> 06° 47'.50N; 93° 52'.80E. 07° 00'.90N; 94° 01'.50E.	25,000	6	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>
2040	30-06-2006	PORBANDAR ANCHORAGE	2040	15-12-2014
3001 (INT 7402)	30-11-2008	APPROACHES TO CHENNAI	3001 (INT 7402)	15-12-2014
4007	15-11-2010	SOUTH BAY AND APPROACHES	4181	15-12-2014
4035	15-01-2003	CAMPBELL BAY AND ANDERSON BAY	4182	15-12-2014

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52040A	2040	PORBANDAR ANCHORAGE	12-12-2014
IN62040B	2040	PORBANDAR PORT	12-12-2014
IN43001A	3001	APPROACHES TO CHENNAI	31-12-2014
IN54181S	4181	SOUTH BAY AND APPROACHES	31-12-2014
IN54182C	4182	CAMPBELL BAY AND ANDERSON BAY	31-12-2014

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN52040P	2040	PORBANDAR ANCHORAGE	14-10-2004
IN43001M	3001	APPROACHES TO MADRAS	14-10-2004
IN44007S	4007	SOUTH BAY AND APPROACHES	13-12-2012

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5. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
258 (INT 7348)	KUNDAPURA TO BADAGARA	3,00,000	New Edition
2520	APPROACHES TO DAR ES SALAAM	30,000	New Chart
3009 (INT 7407)	APPROACHES TO KAKINADA	60,000	New Chart
	KAKINADA ANCHORAGE	25,000	
3010 (INT 7418)	PARADIP ANCHORAGE	25,000	New Chart
	PARADIP PORT	12,500	

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	

VII

TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Jan 2015

(Former In Force List dated 01 Oct 2014 is cancelled)

Cancelled Notices	
Area	Notice No.
1	Nil.
2	049/14.
3	125/14, 195/14.
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.
216/13	2086.	INDIAN OCEAN – MAURITIUS – Approaches to Port Louis – Works. Buoys.

2. INDIA WEST COAST – INDIAN OCEAN.

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

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

099/14	21– 203 (INT 7319) – 2017.	INDIA – WEST COAST – Gulf of Kachchh – Eastern Portion – Buoys.
116/14	2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Inner Approaches to Mumbai – Construction Work.
135/14	211 – 2016 (INT 7336) – 2015 (INT 7337) – 2001.	INDIA – WEST COAST – Inner Approaches to Mumbai – Buoys.
145/14	211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336).	INDIA – WEST COAST – Jawahar Lal Nehru Port and Trombay – Jetty.
166/14	215 – 216 – 2008 – 2010.	INDIA – WEST COAST – Karwar Naval Harbour – Buoy.
194/14	207 – 211 – 217 – 220 – 255 (INT 7334) – 258 (INT 7348) – 259 (INT 7356) – 272 – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336) – 2029 (INT 7358) – 2052 (INT 7350).	INDIA – WEST COAST – Okha to Kochi – Buoys.
198/14	21 – 22 (INT 752) – 32 (INT 754) – 214 – 215 – 221 – 257 (INT 7343) – 259 (INT 7346) – 260 (INT 7363) – 272 – 292 (INT 7021) – 293 (INT 7022).	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
200/14	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2015 (INT 7337) – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Mumbai Port – Anchorage Berths. Wreck.

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.
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.
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.
239/12	352 (INT 7416) – 3010 (INT 7418).	INDIA – EAST COAST – Paradip Port – Dredging. 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.
159/13	31 – 41 (INT 757) – 409 – 471 – 472 – 4035 – 4039.	INDIA – ANDAMAN SEA – Nicobar Island – Campbell Bay – Jetty.

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

181/13	31 – 32 (INT 754) – 33 – 41 (INT 757) – 292 (INT 7021) – 404 – 405 – 472 (INT 7032) – 473 (INT 7031) – 7706 (INT 706) – 7707 (INT 707).	INDIA – EAST COAST – Bay of Bengal – Data Buoy. Tsunami Buoy.
195/13	352(INT7416) – 3005.	INDIA – EAST COAST – Gopalpur Port – Breakwater. Wrecks. Onshore Installation.
199/14	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.
208/14	41 (INT 757) – 410 – 411 – 451 – 452 – 4019.	Myanmar – Yangon River – Buoys.

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

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

SECTION – I

The list of charts affected by the Notices 031 to 033 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	031
32 (INT 754)	5	031
204	2	033
205	2	033
215	3	031
216	3	031
217	3	031
218	3	031
219	3	031
220	3	031
257 (INT 7343)	3	031
258 (INT 7348)	3	031
259 (INT 7356)	3	031
272	4	031
293 (INT 7022)	3	031
313	5	033
357 (INT 7397)	5	032
409	6	033
2002 (INT 7351)	3	031
2003	3	031
2008	3	031
2024	3	031
2025	3	031
2052 (INT 7350)	3	031
2053	3	031
2071	3	031
2072	3	031
3033	5	032

SECTION – II

PERMANENT NOTICES

***031 (01/15) INDIA – WEST COAST – Arabian Sea – Honavar to Ponnani – AIS.**

Source: DGLL.

Chart 22 (INT 752) [previous update 201/14]

Insert



Fl.18M
AIS



AIS, at light

14° 16'·58N., 74° 26'·61E.

13° 57'·98N., 74° 31'·99E.

13° 13'·38N., 74° 44'·27E.

12° 30'·26N., 74° 58'·44E.

12° 00'·34N., 75° 12'·16E.

10° 46'·49N., 75° 55'·24E.

legend, "AIS", at light

14° 49'·23N., 74° 03'·62E.

13° 00'·29N., 74° 47'·38E.

11° 09'·50N., 75° 48'·36E.

Chart 32 (INT 754) [previous update 155/14]

Insert



AIS, at light

legend, "AIS", at light

10° 46'·49N., 75° 55'·24E.

11° 09'·50N., 75° 48'·36E.

Chart 293 (INT 7022) [previous update 202/14]

Insert



Fl.18M
AIS



AIS, at light

legend, "AIS", at light

14° 16'·58N., 74° 26'·61E.

13° 57'·98N., 74° 31'·99E.

13° 13'·38N., 74° 44'·27E.

14° 49'·23N., 74° 03'·62E.

13° 00'·29N., 74° 47'·38E.

Chart 272 [previous update 035/14]

Insert



AIS, at light

legend, "AIS", at light

13° 57'·98N., 74° 31'·99E.

13° 13'·38N., 74° 44'·27E.

12° 30'·26N., 74° 58'·44E.

12° 00'·34N., 75° 12'·16E.

13° 00'·29N., 74° 47'·38E.

11° 09'·50N., 75° 48'·36E.

Chart 257 (INT 7343) [previous update 201/14]

Insert



AIS, at light

legend, "AIS", at light

14° 16'·58N., 74° 26'·61E.

13° 57'·98N., 74° 31'·99E.

14° 49'·23N., 74° 03'·62E.

031 (01/15) INDIA – WEST COAST – Arabian Sea – Honavar to Ponnani – AIS. Continued.*Chart 258 (INT 7348)** [previous update 073/14]

Insert	 AIS, at light	13° 57'·98N., 74° 31'·99E.
		13° 13'·38N., 74° 44'·27E.
		12° 30'·26N., 74° 58'·44E.
	legend, “AIS”, at light	12° 00'·34N., 75° 12'·16E.
		13° 00'·29N., 74° 47'·38E.

Chart 259 (INT 7356) [previous update 157/13]

Insert	 AIS, at light	10° 46'·49N., 75° 55'·24E.
	legend, “AIS”, at light	11° 09'·50N., 75° 48'·36E.

Chart 215 [previous update 196/14]

Insert	legend, “AIS”, at light	14° 49'·23N., 74° 03'·62E.
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Chart 216 [previous update 196/14]

Insert	 AIS, at light	14° 16'·58N., 74° 26'·50E.
		13° 57'·98N., 74° 31'·99E.
	legend, “AIS”, at light	14° 49'·23N., 74° 03'·62E.

Chart 217 [previous update 035/14]

Insert	 AIS, at light	13° 13'·38N., 74° 44'·27E.
		12° 30'·26N., 74° 58'·44E.
	legend, “AIS”, at light	13° 00'·29N., 74° 47'·38E.

Chart 218 [previous update 096/12]

Insert	 AIS, at light	12° 30'·26N., 74° 58'·44E.
		12° 00'·34N., 75° 12'·16E.

Chart 219 [previous update 254/12]

Insert	legend, “AIS”, at light	11° 09'·50N., 75° 48'·36E.
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Chart 220 [previous update 157/13]

Insert	 AIS, at light	10° 46'·49N., 75° 55'·24E.
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Chart 2052 (INT 7350) [previous update 035/14]

Insert	legend, “AIS”, at light	13° 00'·29N., 74° 47'·38E.
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Chart 2053 [previous update 052/12]

Insert	legend, “AIS”, at light	11° 09'·50N., 75° 48'·36E.
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Chart 2071 [previous update 177/13]

Insert	 AIS, at light	13° 13'·38N., 74° 44'·27E.
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Chart 2072 [previous update 109/10]

Insert	 AIS, at light	13° 57'·98N., 74° 31'·99E.
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031 (01/15) INDIA – WEST COAST – Arabian Sea – Honavar to Ponnani – AIS. Continued.*Chart 2024** [previous update 142/09]

Insert  AIS, at light 14° 16'·58N., 74° 26'·61E.

Chart 2025 [previous update 136/14]

Insert  AIS, at light 12° 30'·26N., 74° 58'·44E.

12° 00'·34N., 75° 12'·16E.

Chart 2003 [previous update NC 30 Nov 12]

Insert legend, “AIS”, at light 11° 09'·50N., 75° 48'·36E.

Chart 2008 [previous update 196/14]

Insert legend, “AIS”, at light 14° 49'·23N., 74° 03'·62E.

Chart 2002 (INT 7351) [previous update NC 31 Oct 13]

Insert legend, “AIS”, at light 13° 00'·29N., 74° 47'·38E.

***032 (01/15) INDIA – EAST COAST – Karaikal Port – Wreck.**

Source: Nagapattinam Port.

Chart 357 (INT 7397) [previous update 167/14]

Insert  PA 10° 49'·70N., 79° 53'·00E.

Chart 3033 [previous update 061/14]

Insert  PA 10° 49'·70N., 79° 53'·00E.

Chart 3033 (Plan) [previous update 061/14]

Insert  PA 10° 49'·70N., 79° 53'·00E.

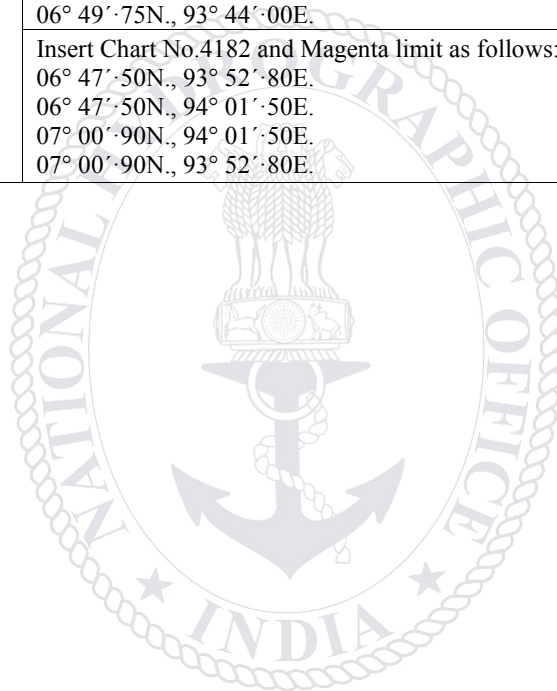
***033 (01/15) Miscellaneous updates to charts.**

Source: NHO Dehradun.

Chart	Previous Updates	Details
204	197/14	Insert Chart No.2040 and Magenta limit as follows: 21° 34'·00N., 69° 30'·00E. 21° 34'·00N., 69° 39'·10E. 21° 41'·00N., 69° 39'·10E. 21° 41'·00N., 69° 30'·00E.
		Insert Chart No.2040 and Magenta limit as follows: 21° 36'·35N., 69° 33'·90E. 21° 36'·35N., 69° 37'·65E. 21° 38'·80N., 69° 37'·65E. 21° 38'·80N., 69° 33'·90E.
		Delete Chart No. 2040 and Magenta limit as follows: 21° 34'·00N., 69° 30'·00E. 21° 34'·00N., 69° 39'·40E. 21° 41'·00N., 69° 39'·40E. 21° 41'·00N., 69° 30'·00E.
205	197/14	Insert Chart No.2040 and Magenta limit as follows: 21° 34'·00N., 69° 30'·00E. 21° 34'·00N., 69° 39'·10E. 21° 39'·00N., 69° 39'·10E. (N Border) 21° 39'·00N., 69° 30'·00E. (N Border)
		Insert Chart No.2040 and Magenta limit as follows: 21° 36'·35N., 69° 33'·90E. 21° 36'·35N., 69° 37'·65E. 21° 38'·80N., 69° 37'·65E. 21° 38'·80N., 69° 33'·90E.

***033 (01/15) Miscellaneous updates to charts. Continued.**

Chart	Previous Updates	Details
205	<i>197/14</i>	Delete Chart No. 2040 and Magenta limit as follows: 21° 34'·00N., 69° 30'·00E. 21° 34'·00N., 69° 39'·40E. 21° 39'·00N., 69° 39'·40E. (N Border) 21° 39'·00N., 69° 30'·00E. (N Border)
313	<i>150/14</i>	Insert Chart No.3001 and Magenta limit as follows: 12° 59'·40N., 80° 15'·00E. 12° 59'·40N., 80° 32'·80E. 13° 26'·00N., 80° 32'·80E. 13° 26'·00N., 80° 15'·00E.
		Delete Chart No. 3001 and Magenta limit as follows: 12° 56'·00N., 80° 09'·00E. 12° 56'·00N., 80° 41'·60E. 13° 16'·50N., 80° 41'·60E. 13° 16'·50N., 80° 09'·00E.
409	<i>182/14</i>	Insert Chart No.4181 and Magenta limit as follows: 06° 41'·00N., 93° 44'·00E. 06° 41'·00N., 93° 57'·30E. 06° 49'·75N., 93° 57'·30E. 06° 49'·75N., 93° 44'·00E.
		Insert Chart No.4182 and Magenta limit as follows: 06° 47'·50N., 93° 52'·80E. 06° 47'·50N., 94° 01'·50E. 07° 00'·90N., 94° 01'·50E. 07° 00'·90N., 93° 52'·80E.



SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

- NIL -



SECTION – IV **MARINE INFORMATION**

1. NAVTEX TRANSMISSION

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

(Source – DG Shipping)

2. MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS

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

(Source - NAVAREA VIII Warning 100/12)

3. DISPLAY ANOMALIES IN ECDIS

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

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

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

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

4. SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME

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

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

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

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

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

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

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

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

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

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

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


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

7. **CAUTIONARY NOTE**

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

Distribution of Indian Paper Charts and Nautical Publications

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

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	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	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
Mari-Sys Pte Ltd. 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: info@mari-sys.com	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	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
C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl		

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 Neelangarai, 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, Seetammampeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravel@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 6510 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: 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
Engineering Logistics Executive Multi Services Door No: 61-4-45-A/4 Prakash Nagar Malkapuram Visakhapatnam - 530 014 Mob: +91 9133362541/9966244818 Email: elemulti.services69@yahoo.com	M/s L. R. Marine Services 301, 3rd Floor, Biry House, 265, Perin Nariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-6635 9148 Cell No: +91 8108926880/+91 98214 60258 Email: lrcharts@gmail.com , lrmarine@live.com
M/s Aatash Computer & Communications Pvt. Ltd. 213, Devarc Commercial Complex Nr. Iscom Circle (above Woodland Showroom) S. G. Highway Ahmedabad – 380 059 Mob: +91 7926923982/83, Fax: +91 7926923984 Email: info@aatash.com , zubin@aatash.com	

- 2013 SERIES** – 035 197 228 506 547 662
2014 SERIES – 111 211 233 241 310 311 336 398 405 406 415 438 439 440 467 476 489 553 555
 575 586 614 644 654 662 663 668 675 676 677 682 684 687 688 689 690 691

- | | | | | | | |
|---|--|------------|--------------------------|--|--|--|
| 668. India West Coast – Gulf of Kambhat and Kachchh. Charts 21 22 203 208 254 INT 71. Naval ship with 04 survey boats will undertake hydrographic survey. | | | | | | |
| Period | Survey Area | | | | | |
| 19 Dec – 07 Jan 15 | 21-35.70N to 21-42.30N
072-29.80E to 072-34.40E | | | | | |
| 08 Jan – 30 Jan 15 | 22-29.40N to 22-30.60N
069-49.70E to 069-50.80E | | | | | |
| 31 Jan – 28 Feb 15 | 22-26.10N to 22-28.50N
069-46.80E to 069-48.30E | | | | | |
| 2. | Wide berth of 02 and 01 NM around ship and boat requested. | | | | | |
| 3. | Cancel this MSG 010900 UTC Mar 15. | | | | | |
| 669. India West Coast – Vengurla. Charts 22 213 256 293 INT 71. Achara Point light house (0592) off air. | | | | | | |
| 670. Cancel NAVAREA VIII 632 384 466 225/14 and this MSG. INTM 202 203 205 206 (21/14) refers. | | | | | | |
| 671. India West Coast – Goa. Charts 22 214 215 257 293 INT 71 INT 705. Firing by Naval Coast Battery scheduled from 0400 to 0730 UTC on 22 Dec 14. | | | | | | |
| 2. | Danger area bounded by 200 to 260 degree from MPT building at Mormugao head up to 20 NM seaward. | | | | | |
| 3. | Safe flying height 6500 M. | | | | | |
| 4. | No vessels permitted in area. | | | | | |
| 5. | Cancel this MSG 220830 UTC Dec 14. | | | | | |
| 672. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast Battery scheduled from 0530 to 0730 UTC on 22 Dec 14. | | | | | | |
| 2. | Danger area extending up to 12 NM within bearing 300 to 020 from 22-28.04N 069-04.99E. | | | | | |
| 3. | Safe flying height 12800 M. | | | | | |
| 4. | Cancel this MSG 220830 UTC Dec 14. | | | | | |
| 673. Cancel NAVAREA VIII 660/14. India East Coast – off Balasore. Charts 31 301 351 3011 INT 71 INT 706. Experimental flight trial scheduled from ITR launch on 16 Dec from 0530 – 0730 and 0830 – 1030 UTC and 17 Dec from 0530 – 0730 and 0830 – 1030 UTC and 18 Dec from 0530 – 0730 UTC and 19 Dec from 0530 – 1030 UTC in area bounded by | | | | | | |
| | (a) 21-22.51N | 086-58.52E | (b) 21-45.63N 087-57.18E | | | |
| | (c) 21-28.17N | 088-05.11E | (d) 21-05.55N 087-06.20E | | | |
| 2. | No over flight and shipping permitted in danger zone. | | | | | |
| 3. | Cancel this MSG 191130 UTC Dec 14. | | | | | |
| 674. Cancel NAVAREA VIII 633/14. India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 181001 UTC Dec 14. | | | | | | |
| | ABAN II | 16-39.00N | 082-22.74E | | | |
| | ACTINIA | 16-19.34N | 082-14.82E | | | |
| | DEEP SEA MATDRILL | 16-24.53N | 082-02.93E | | | |
| | DSR DHIRUBHAI DEEPWATER KG-2 | 16-39.29N | 082-40.37E NEW | | | |
| | PLATINUM EXPLORER | 16-01.90N | 081-57.60E | | | |
| | GSF-140 | 16-35.07N | 082-27.83E | | | |
| | HERCULES 208 | 16-27.75N | 082-10.66E | | | |
| | NOBLE DUCHESS | 16-15.20N | 082-10.50E | | | |
| | SAGAR VIJAY | 16-33.72N | 082-28.36E | | | |
| | SAGAR BHUSHAN | 16-33.29N | 082-23.76E | | | |
| | SAGAR RATNA | 16-22.04N | 081-59.25E | | | |
| 2. | Wide berth requested. | | | | | |

675. Cancel NAVAREA VIII 651/14. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. Correct at 181002 UTC Dec 14.

ABAN III	18-47.46N	071-59.99E
ABAN ICE	18-35.95N	071-15.96E
BADRINATH	21-36.81N	068-35.17E
CE THORNTON	18-30.06N	072-15.95E
DISCOVERY-1	19-05.35N	072-06.89E NEW
DYNAMIC VISION	18-39.23N	070-58.86E
ENERGY DRILLER	18-53.26N	071-28.70E
FG MC CLINTOCK	19-32.35N	071-20.92E
GREAT DRILLER CHAAYA	19-42.00N	071-03.13E
GREATDRILL CHETNA	19-57.16N	072-09.73E
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	18-54.75N	071-49.57E
JT ANGEL	20-09.38N	071-49.42E
KEDARNATH	23-01.68N	068-20.34E
NOBLE ED HOLT	19-36.62N	071-22.90E
RON TAPMEYAR	19-14.45N	070-58.88E
SAGAR GAURAV	19-12.67N	070-55.61E
SAGAR SHAKTI	19-13.89N	072-08.37E
SAGAR JYOTI	19-25.56N	071-17.81E
SAGAR KIRAN	19-25.24N	071-16.99E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E NEW
SUNDOWNER VII	18-29.06N	072-15.15E
TRIDENT II	18-29.42N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-27.56N	071-11.24E
VIRTUE-I	19-28.70N	071-46.66E

2. Wide berth requested.

676. India East Coast – Ravva Port. Charts 32 355 INT 71 INT 706. Ravva Port light house Fl(4)W 20 Seconds 30 Mtr 12NM established at 16-29.60N 082-06.75E on trial basis.

677. Andaman Sea – Little Andaman. Charts 41 406 407 472 INT 71. Sailing vessel Our Lady Vellankannie (123 Ft colour brown) reported missing with 07 crew on passage from Little Andaman to Carnicobar.

2. Vessels transiting through area to render assistance.

678. Andaman Sea – Myanmar Waters. Charts 41 INT 71 INT 706. Survey vessel boa Thalassa Marine progressing electromagnetic survey till 30 Dec 14 in area bounded by

Block MD7

(A)	10-59.22N	095-51.36E	(B)	10-54.24N	095-49.86E
(C)	10-59.23N	095-33.95E	(D)	10-53.07N	095-31.22E
(E)	10-47.71N	095-47.42E	(F)	09-53.72N	095-29.75E
(G)	09-43.63N	095-33.71E	(H)	09-53.32N	095-37.56E
(J)	09-47.12N	095-57.57E	(K)	09-56.79N	096-00.09E
(L)	10-02.81N	095-40.36E	(M)	10-45.67N	095-53.92E
(N)	10-38.80N	096-14.96E	(P)	10-45.22N	096-17.42E
(Q)	10-52.29N	095-55.59E	(R)	10-59.40N	095-59.30E

Block MD8

(S)	10-15.52N	095-58.95E	(T)	10-07.37N	095-56.61E
(U)	10-00.66N	096-16.36E	(V)	10-08.90N	096-18.70E

2. Unauthorized navigation, anchoring, fishing and trawling prohibited within 4 KM from survey area.

3. Cancel this MSG 310001 UTC Dec 14.

679. Navarea VIII – Warnings in force as on 19 Dec 2014

2013 Series – 035 197 228 506 547 662

2014 Series – 111 211 233 241 310 311 336 398 405 406 415 438 439 440 467 476 489 553 555 575 586 614 635 636 637 644 654 658 662 663 666 668 669 671 672 674 675 676 677 678

(a) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on www.hydrobharat.nic.in.

(b) Text of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.

2. Cancel this MSG 261002 UTC Dec 14.

680. Cancel NAVAREA VIII 675/14. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. Correct at 191003 UTC Dec 14.		
ABAN III	18-47.46N	071-59.99E
ABAN ICE	18-35.95N	071-15.96E
BADRINATH	21-36.81N	068-35.17E
CE THORNTON	18-30.06N	072-15.95E
DISCOVERY-1	19-05.35N	072-06.89E
DYNAMIC VISION	18-39.23N	070-58.86E
ENERGY DRILLER	18-53.26N	071-28.70E
FG MC CLINTOCK	19-32.35N	071-20.92E
GREAT DRILLER CHAAYA	19-42.00N	071-03.13E
GREATDRILL CHETNA	19-57.16N	072-09.73E
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	18-54.75N	071-49.57E
JT ANGEL	20-09.38N	071-49.42E
KEDARNATH	23-01.68N	068-20.34E
NOBLE ED HOLT	18-55.59N	072-02.48E NEW
RON TAPMEYAR	19-14.45N	070-58.88E
SAGAR GAURAV	19-12.67N	070-55.61E
SAGAR SHAKTI	19-13.89N	072-08.37E
SAGAR JYOTI	19-25.56N	071-17.81E
SAGAR KIRAN	19-25.24N	071-16.99E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-29.06N	072-15.15E
TRIDENT II	18-29.42N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-27.56N	071-11.24E
VIRTUE-I	19-28.70N	071-46.66E
2.	Wide berth requested.	
681. Indian Ocean. Charts INT 71 INT 73. Sri Lankan fishing vessel Sanesh II (IMUL-A-328-KTL) reported drifting due to engine failure in position 00-02.90S 091-07.80E.		
2.	Vessel transiting through area exercise caution.	
3.	Cancel this MSG 221004 UTC Dec 14.	
682. India East Coast – off Karaikal and CPCL Port. Charts 32 357 3033 INT 71. Tug Aqua Marine reported sunk in position 10-49.7N 079-53E. One crew missing.		
683. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast Battery between 0530 to 0730 UTC on 26 Dec 14.		
2.	Danger area extending up to 11 NM within bearing 045 and 075 from 13-07.02N 080-18.01E.	
3.	Safe flying height 12800 metres.	
4.	Cancel this MSG 260830 UTC Dec 14.	
684. Cancel NAVAREA VIII 674/14. India East Coast – Bay of Bengal. Charts 31 32 33 354 355 357 391 INT 706. Rig list. Correct at 241001 UTC Dec 14.		
ABAN II	16-39.00N	082-22.74E
ACTINIA	16-19.34N	082-14.82E
DEEP SEA MATDRILL	16-24.53N	082-02.93E
DSR DHIRUBHAI DEEPWATER KG-2	16-39.29N	082-40.37E
DSR PLATINUM EXPLORER	16-08.30N	082-05.50E NEW
GSF-140	16-35.07N	082-27.83E
HERCULES 208	16-27.75N	082-10.66E
NOBLE DUCHESS	16-15.20N	082-10.50E
SAGAR VIJAY	16-33.72N	082-28.36E
SAGAR BHUSHAN	16-33.29N	082-23.76E
SAGAR RATNA	16-22.04N	081-59.25E
2.	Wide berth requested.	
685. Cancel NAVAREA VIII 680/14. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. Correct at 241002 UTC Dec 14.		
ABAN III	18-47.46N	071-59.99E
ABAN ICE	18-35.95N	071-15.96E
BADRINATH	21-36.81N	068-35.17E
CE THORNTON	18-30.06N	072-15.95E
DISCOVERY-1	19-05.35N	072-06.89E
DYNAMIC VISION	18-39.23N	070-58.86E

685. Continued.

ENERGY DRILLER	18-53.26N	071-28.70E
FG MC CLINTOCK	19-32.35N	071-20.92E
GREAT DRILLER CHAAYA	19-42.00N	071-03.13E
GREATDRILL CHETNA	19-57.30N	071-14.47E NEW
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	18-54.75N	071-49.57E
JT ANGEL	20-09.38N	071-49.42E
KEDARNATH	23-01.68N	068-20.34E
NOBLE ED HOLT	18-55.59N	072-02.48E
RON TAPMEYAR	19-14.45N	070-58.88E
SAGAR GAURAV	19-12.67N	070-55.61E
SAGAR SHAKTI	19-13.89N	072-08.37E
SAGAR JYOTI	19-25.56N	071-17.81E
SAGAR KIRAN	19-25.24N	071-16.99E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-29.06N	072-15.15E
TRIDENT II	18-29.42N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-27.56N	071-11.24E
VIRTUE-I	19-28.70N	071-46.66E

2. Wide berth requested.

686. India West Coast – Gulf of Khambhat. Charts 21 209 210 254 292 INT 705. Firing practice by CG aircraft scheduled on 31 Dec 14 from 0130 to 0730 UTC in area bounded by

(a) 20-18.5N	072-02.5E	(b) 20-18.5N	072-15.0E
(c) 20-09.5N	072-12.0E	(d) 20-09.5N	072-00.0E

2. Safe flying height 1600 metres.

3. Cancel this MSG 310830 UTC Dec 14.

687. India East Coast – Bay of Bengal. Charts 32 33 356 INT 71 INT 706. Firing practice by Naval aircraft scheduled from 01-07 and 15-21 Jan 15 between 0230 to 1130 UTC.

2. Danger zone extending up to 15 NM around 13-50N 081-40E.

3. Safe flying height 3100 metres.

4. Cancel this MSG 211230 UTC Jan 15.

688. Cancel NAVAREA VIII 685/14. India West Coast – Arabian Sea. Charts 21 22 208 209 254 292 293 2044 INT 71 INT 705 INT 706. Rig list. Correct at 261003 UTC Dec 14.

ABAN III	18-47.46N	071-59.99E
ABAN ICE	18-35.95N	071-15.96E
BADRINATH	21-36.81N	068-35.17E
CE THORNTON	18-30.06N	072-15.95E
DISCOVERY-I	19-05.35N	072-06.89E
DYNAMIC VISION	18-39.23N	070-58.86E
ENERGY DRILLER	18-35.98N	071-00.28E NEW
FG MC CLINTOCK	19-32.35N	071-20.92E
GREAT DRILLER CHAAYA	19-42.00N	071-03.13E
GREATDRILL CHETNA	19-57.30N	071-14.47E
HARVEY H WARD	19-36.73N	071-24.01E
JINDAL STAR	18-54.75N	071-49.57E
JT ANGEL	20-09.38N	071-49.42E
KEDARNATH	23-01.68N	068-20.34E
NOBLE ED HOLT	18-55.59N	072-02.48E
RON TAPMEYAR	19-14.45N	070-58.88E
SAGAR GAURAV	19-12.67N	070-55.61E
SAGAR SHAKTI	19-13.89N	072-08.37E
SAGAR JYOTI	19-25.56N	071-17.81E
SAGAR KIRAN	19-25.24N	071-16.99E
SAGAR LAXMI	20-58.00N	071-33.00E
SAGAR PRAGATI	20-58.00N	071-33.00E
SAGAR UDAY	18-36.16N	071-01.64E
SUNDOWNER VII	18-29.06N	072-15.15E
TRIDENT II	18-29.42N	072-14.73E
TRIDENT XII	19-07.35N	072-06.45E
VICTORY DRILLER	19-27.56N	071-11.24E
VIRTUE-I	19-28.70N	071-46.66E

2. Wide berth requested.

<p>689. NAVAREA VIII – Warnings in force as on 26 Dec 2014. 2013 Series – 035 197 228 506 547 662 2014 Series – 111 211 233 241 310 311 336 398 405 406 415 438 439 440 467 476 489 553 555 575 586 614 636 637 644 654 662 663 668 669 675 676 677 678 682 684 686 687 688 (a) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on www.hydrobharat.nic.in. (b) Text of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners. 2. Cancel this MSG 021004 UTC Jan 15.</p>
<p>690. Bay of Bengal. Charts 31 INT 71 INT 706. INCOIS reported drifting of their mooring buoy towards north – west with 2.2 KM combination ropes and oceanographic equipments. Position of buoy 17-58.68N 088-54.30E at 260400 UTC Dec 14. 2. Caution advised.</p>
<p>691. Bay of Bengal. Charts 31 351 360 361 371 INT 71 INT 706. Refer to Bangladesh N to M 39/2014. Firing practice by Bangladesh Naval ships scheduled daily from 01-31 Jan 15 between 0001-1700 UTC in area bounded by Area- A (i) 21-20.83N 090-34.00E (ii) 21-41.00N 091-14.00E (iii) 21-20.83N 091-28.00E (iv) 21-00.00N 090-47.83E Area-B (i) 20-46.00N 090-00.00E (ii) 20-58.00N 090-17.00E (iii) 20-40.00N 090-38.00E (iv) 20-28.00N 090-22.00E Area-D (i) 20-07.00N 090-52.00E (ii) 20-22.00N 091-06.00E (iii) 20-00.00N 091-36.00E (iv) 19-44.00N 091-21.00E Area-D1 (i) 20-22.00N 091-06.00E (ii) 20-46.50N 091-31.00E (iii) 20-24.00N 091-59.00E (iv) 20-00.00N 091-36.00E Area-E (i) 21-18.00N 089-39.00E (ii) 21-18.00N 089-50.00E (iii) 21-04.00N 089-54.00E (iv) 21-04.00N 089-34.00E Area-F (i) 20-58.00N 089-34.00E (ii) 20-58.00N 089-54.00E (iii) 20-34.00N 089-54.00E (iv) 20-34.00N 089-34.00E 2. Safe flying height for Area B/ D/ E 12000 meters and A/ D1 / F 3000 meters. 3. Cancel this MSG 311800 UTC Jan 15.</p>
<p>692. Cancel NAVAREA VIII 669/14 and this MSG.</p>

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

- NIL -

SECTION – VII

CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7085	- N Breakwater	21 07.50 S 55 47.20 E	Fl(4)WR 15s	15	W 10 R 7	White pylon, red top	W145°-245°(100°) R245°-145°(260°) *
D7370.7	- South West Alaq	24 14.27 N 52 40.77 E	F W	4	. .	Dolphin	
*	*	*	*	*	*	*	*
D7371.16	- Sir Bani Yas	24 18.58 N 52 35.55 E	Q R	50	. .	Tower	
*	*	*	*	*	*	*	*
D7372.8	- - Borouge Berths. W End	24 08.19 N 52 44.99 E	Oc W	Beacon 2	
*	*	*	*	*	*	*	*
D7373	- - - Centre	24 08.13 N 52 45.08 E	Oc W	Beacon 2	
*	*	*	*	*	*	*	*
D7373.1	- - - E End	24 08.09 N 52 45.18 E	Oc W	Beacon 2	
*	*	*	*	*	*	*	*
D7742	Ormara	25 11.38 N 64 41.35 E	Fl(2)W 20s	227	19	Grey metal framework tower on white base 8	
		*					*
D8859.1	GULF OF GUBAL. ASHRAFI OILFIELD - Hilal-B	27 50.38 N 33 43.16 E	Lit	. .	10	Platform	
*	*	*	*	*	*	*	*
F0949.3	- S Breakwater. Head	13 18.17 N 80 21.55 E	LFI R 5s				
*	*	*	*	*	*	*	*
F0949.4	- N Breakwater. Head	13 18.45 N 80 21.55 E	LFI G 5s				
*	*	*	*	*	*	*	*
K0929.7	FPSO	05 26.50 S 105 56.51 E	Lit	. .	10	Storage tanker	
*	*	*	*	*	*	*	*

SECTION – VIII

CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 24 dated 15 Dec 2014)

NIL

INP 31(2), 2014

(Last correction: Edition No. 23 dated 01 Dec 2014)

NIL

INP 31(5), 2011

(Last correction: Edition No. 22 dated 16 Nov 2014)

NIL

INP 31(6), 2012

(Last correction: Edition No. 18 dated 15 Sep 2014)

PAGE 167, SINGAPORE, SINGAPORE, Pilots, PROCEDURE
Section, Sub-section (7):

Delete and replace by;

(7) **Pilot boards** in the following positions:

(a) **Eastern Boarding Ground A (PEBGA)**: in position 1°13'52N 103°53'45E (for vessels other than tankers arriving from the E or W, proceeding to port facilities and calling at anchorages in the E or W sector, or as may be directed by the Port Master)

(b) **Eastern Boarding Ground B (PEBGB)**: in position 1°15'41N 103°56'96E (for vessels arriving from the W calling at the anchorage in the E sector of the port, or as may be directed by the Port Master)

(c) **Eastern Boarding Ground C (PEBGC)**: in position 1°15'89N 103°57'83E (for vessels, arriving from the E calling at the anchorage in the E or W sector of the port, or as may be directed by the Port Master)

(d) **Southern Boarding Ground (PSBG)**: in position 1°11'70N 103°49'67E (upon prior permission from the Port Master)

(e) **Western Boarding Ground A (PWBGA)**: in position 1°12'91N 103°36'07E (for vessels arriving from the W, or as may be directed by the Port Master)

(f) **Western Boarding Ground B (PWBGB)**: in position 1°12'03N 103°39'48E (for tankers, chemical and gas carriers calling at the ALGAS anchorage and proceeding to port facilities in the W side of Singapore, or as may be directed by the Port Master)

(g) **East Johor Boarding Ground (PJSB)**: in position 1°17'65N 104°06'40E (for vessels arriving from the E or W, calling at the anchorages in Changi or the E sector and proceeding to port facilities in the E Johor Strait or upon prior permission from the Port Master)

(h) **Gusong Boarding Ground (PGBG)**: in position 1°10'47N 103°46'89E (for vessels arriving from the E Calling at the anchorages in Sudong Sector or Raffles Reserved Anchorage, with prior permission from the Port Master)

(Source: BA 01/15)

(01/15)

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

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

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

Depth Reporting

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

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

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

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

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

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

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

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



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

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

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

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



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