



INDIAN NOTICES TO MARINERS



EDITION NO. 08 DATED 16 APR 2012

(CONTAINS NOTICES 106 TO 119)

REACH US 24 x 7



in的角度@nic.in
msis-的角度@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

www.hydrobharat.nic.in

CONTENTS

<u>Section No.</u>	<u>Title</u>
I	List of Charts Affected
II	Permanent Notices
III	Temporary and Preliminary Notices
IV	Marine Information
V	NAVAREA VIII Warnings in force
VI	Corrections to Sailing Directions
VII	Corrections to List of Lights
VIII	Corrections to List of Radio Signals
IX	Reporting of Navigational Dangers

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

FEEDBACK: msis-的角度@nic.in



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



© Govt. of India Copyright

No permission is required to make copies of these Notices. However, such copies are not to be commercially sold.

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

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

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2509	31-03-2012	ASSUMPTION ISLAND (SEYCHELLES). <u>Limits</u> 09° 39.03S; 46° 34'.00E. 09° 47.85S; 46° 25'.25E.	25,000	1	Rs. 1527.00
		ASSUMPTION ISLAND - A <u>Limits</u> 09° 41.00S; 46° 31'.00E. 09° 42.30S; 46° 29'.70E.	7,500	1	Rs. 1527.00
		ASSUMPTION ISLAND - B <u>Limits</u> 09° 42.90S; 46° 30'.50E. 09° 44.20S; 46° 29'.20E.	7,500	1	Rs. 1527.00

2. The new edition 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>
205	15-03-2012	NAVIBANDAR TO VERAVAL <u>Limits</u> 20° 49.00N; - 69° 02'.00E. 21° 39'.00N; 70° 25'.00E.	1,50,000	2	Rs. 1527.00

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 The Indian Charts permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
205	15-03-2012	NAVIBANDAR TO VERAVAL.	205	30-09-2006

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

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
IN2255AM	255	APPROACHES TO MUMBAI	30-03-2012
IN2256MM	256	MURUD JANJIRA HARBOUR TO MALVAN	30-03-2012
IN2257MC	257	MALVAN TO COONDAPOOR	30-03-2012

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 The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

<i>ENC Cell No</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3255AM	255	APPROACHES TO MUMBAI	14-10-2004
IN3256MM	256	MURUD JANJIRA HARBOUR TO MALVAN	14-10-2004
IN3257MC	257	MALVAN TO COONDAPOOR	02-02-2010

VI

6. The new Indian Publication available for mariners in the market is as follows:-

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

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
207	DIU HEAD TO GOPINATH POINT	1,50,000	New Edition
213	RATNAGIRI TO VENGURLA	1,50,000	New Edition
214	VENGURLA TO BETUL	1,50,000	New Edition
2086	APPROACHES TO PORT LOUIS	37,500	New Edition
	PORT LOUIS	12,500	New Edition
2503	APPROACHES TO CARGADOS CARAJOS SHOALS	75,00	New Edition

Availability of ENC's.

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

<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tel: +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>
--	---

SECTION – I

The lists of charts affected by the Notices 106 to 119 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	109
31	5	116(T)
32(INT 754)	5	116(T)
203(INT 7319)	2	118(T)
212	3	107
215	3	117(T)
216	3	117(T)
226	1	110
259(INT 7356)	3	106
260(INT 7362)	3	106
264	4	110
354(INT 7408)	5	116(T)
391	5	116(T)
2008	3	117(T)
2010	3	117(T)
2029(INT 7358)	3	106
2065	3	107, 119(T)
2068	2	118(T)
3010(INT 7418)	5	108
7070(INT 70)	1	113
7071(INT 71)	1	113, 114
7072(INT 72)	1	113, 114
7508(INT 508)	7	111, 115
7700(INT 700)	1	112, 113
7701(INT 701)	1	113
7704(INT 704)	1	114

SECTION – II
PERMANENT NOTICES

***106/(08/12) INDIA – WEST COAST – Approaches to Kochi – Depth Contours.**

Source: NHO.

(HJ/930/12)

Chart 2029(INT 7358) [previous update 099/12]

Insert	depth 18 ₃ enclosed by 20m contour	09° 58'·77N., 76° 04'·60E.
	depth 30 enclosed by 30m contour	09° 47'·63N., 76° 01'·54E.

Chart 259(INT 7356) [previous update 099/12]

Insert	depth 18 ₃ enclosed by 20m contour	09° 58'·68N., 76° 04'·65E.
--------	---	----------------------------

Chart 260(INT 7362) [previous update 099/12]












Insert	depth 18 ₃ enclosed by 20m contour	09° 58'·68N., 76° 04'·65E.
--------	---	----------------------------

***107/(08/12) INDIA – WEST COAST – PORT DABHOL – Buoys.**

Source: RGPPL, Dabhol.

(HJ/1030/76)

Chart 2065 [previous update NE 15 Oct 09]

Move		<i>Fl(2)10s,10M</i> Fairway Buoy	from:	17° 34'·17N.,73° 04'·30E.
	to:			17° 34'·33N.,73° 04'·58E.
		<i>Q.G.2,4M</i> No 1	from:	17° 33'·33N.,73° 05'·61E.
	to:			17° 33'·49N.,73° 05'·65E.
		<i>Fl.G.10s2,4M</i> No 3	from:	17° 32'·90N.,73° 06'·37E.
	to:			17° 32'·97N.,73° 06'·40E.
		<i>Fl.R.10s2,4M</i> No 4	from:	17° 33'·06N.,73° 06'·46E.
	to:			17° 33'·11N.,73° 06'·51E.
		<i>Fl(2)G.15s2,4M</i> No 5	from:	17° 32'·34N.,73° 07'·12E.
	to:			17° 32'·43N.,73° 07'·18E.
		<i>Fl(2)R.15s2,4M</i> No 6	from:	17° 32'·48N.,73° 07'·26E.
	to:			17° 32'·57N.,73° 07'·31E.
		<i>Fl(3)G.10s2,4M</i> No 7	from:	17° 31'·99N.,73° 07'·66E.
	to:			17° 32'·00N.,73° 07'·73E.
		<i>Fl(3)R.10s2,4M</i> No 8	from:	17° 32'·00N.,73° 07'·94E.
	to:			17° 32'·13N.,73° 07'·90E.
		<i>VQ.3,9M</i> No 9	from:	17° 31'·01N.,73° 08'·69E.
	to:			17° 31'·03N.,73° 08'·68E.
		<i>Q(9).3,9M</i> No 10	from:	17° 31'·11N.,73° 08'·84E.
	to:			17° 31'·12N.,73° 08'·83E.
Chart 212 [previous update 229/11]				
Insert		<i>Fl(2)10s</i> FW		17° 34'·28N.,73° 04'·62E.

***108/(08/12) INDIA – EAST COAST – Paradip Port – Wrecks.**


Source: NHO.

(HJ/1029/21)

Chart 3010(INT 7418) [previous update 072/12]

Insert		20° 16′.41N., 86° 39′.96E.
		20° 16′.36N., 86° 39′.98E.

Chart 3010(INT 7418) (Plan) [previous update 072/12]

Insert		20° 16′.41N., 86° 39′.96E.
		20° 16′.36N., 86° 39′.98E.

109/(08/12) SAUDI ARABIA - East Coast - Rennie Shoals North-eastwards - Light. Pipe.

Source: BA Notice – 6300/10 & 2450/11.

(HJ/1132/78)

Chart 20 [previous update 066/12] [WGS 84 DATUM]

Insert	 FL.R.5M Rep	27° 16′.7N., 51° 03′.0E.
--------	---	--------------------------

110/(08/12) SRI LANKA - South Coast - Hambantota and Approaches - Depths.

Source: BA Notice – 756/12.

(HJ/929/68)

Chart 264 [previous update 151/11]

Insert	depth 29 enclosed by 30m contour	6° 03′.78N., 81° 10′.09E.
	depth 28 enclosed by 30m contour	6° 02′.28N., 81° 02′.89E.

Chart 226 [previous update 380/09]

Insert	depth 29 enclosed by 30m contour	6° 03′.78N., 81° 10′.09E.
	depth 28 enclosed by 30m contour	6° 02′.28N., 81° 02′.89E.

111/(08/12) SOUTH CHINA SEA - Taiwan Banks South-westwards - Depths.

Source: BA Notice – 1010/12.

(HJ/1126/12)

Chart 7508(INT508) [previous update 087/12] [COMPATIBLE WGS84 DATUM]

Insert	depth 1 ₅ enclosed by 30m contour	(a) 21° 36′.9N., 117° 37′.8E.
Delete	depth 15 ₆ enclosed by 30m contour, close NE of:	(a) above

112/(08/12) INDIAN OCEAN - Madagascar Southwards - Madagascar Plateau - Depths.

Source: BA Notice – 1184/12.

(HJ/633/23)

Chart 7700(INT700) [previous update 249/10] [COMPATIBLE WGS84 DATUM]

Insert	depth 623 and extend 1000m contour NW to enclose	27° 23′.8S., 46° 23′.5E.
	depth 587	33° 15′.7S., 44° 20′.8E.
	depth 683	(a) 33° 28′.4S., 44° 45′.8E.
Delete	depth 914 , close NW of:	(a) above

113/(08/12) INDIAN OCEAN - Mozambique Channel - Ile Europa North-westwards - Depth.

Source: BA Notice – 884/12.

(HJ/633/89)

Chart 7070(INT70) [previous update 264/10] [COMPATIBLE WGS84 DATUM]

Insert depth 759 enclosed by 1000m and 2000m contours 21° 59′.4S., 40° 06′.0E.

Chart 7071(INT71) [previous update 101/10] [COMPATIBLE WGS84 DATUM]

Insert depth 759 enclosed by 1000m and 2000m contours 21° 59′.4S., 40° 06′.0E.

Chart 7072(INT72) [previous update 264/10] [COMPATIBLE WGS84 DATUM]

Insert depth 759 enclosed by 1000m and 2000m contours 21° 59′.4S., 40° 06′.0E.

Chart 7700(INT700) [previous update 112/12] [COMPATIBLE WGS84 DATUM]

Insert depth 759 enclosed by 1000m and 2000m contours 21° 59′.4S., 40° 06′.0E.

Chart 7701(INT701) [previous update 249/10] [COMPATIBLE WGS84 DATUM]

Insert depth 759 enclosed by 1000m and 2000m contours 21° 59′.4S., 40° 06′.0E.

114/(08/12) RED SEA – Jaza'ir Az Zubayr and Jazirat Ta'ir - Islet. Light.

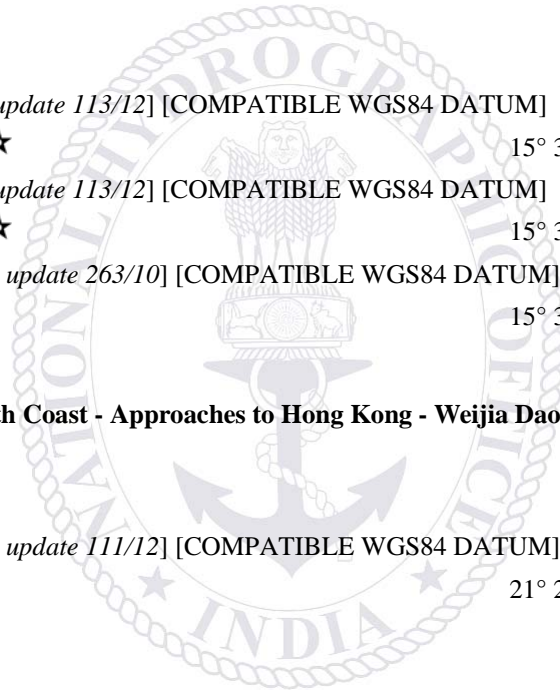
Source: BA Notice – 883/12.

(HJ/1033/58)

Chart 7071(INT71) [previous update 113/12] [COMPATIBLE WGS84 DATUM]Substitute islet for  15° 32′.0N., 41° 50′.0E.**Chart 7072(INT72)** [previous update 113/12] [COMPATIBLE WGS84 DATUM]Substitute islet for  15° 32′.0N., 41° 50′.0E.**Chart 7704(INT704)** [previous update 263/10] [COMPATIBLE WGS84 DATUM]Delete  15° 32′.0N., 41° 50′.0E.**115/(08/12) CHINA - South Coast - Approaches to Hong Kong - Weijia Dao South-eastwards - Wreck.**

Source: BA Notice – 1011/12.

(HJ/1126/12)

Chart 7508(INT508) [previous update 111/12] [COMPATIBLE WGS84 DATUM]Insert  21° 26′.0N., 113° 01′.0E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***116(T)(08/12) INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.**

Source: INS Airavat.

(HJ/1029/76)

1. Unexploded charges reported dumped by INS Airavat in position 17° 05'·00N., 83° 25'·00E on 20 Mar 12.
2. Mariners to take note.

Charts Affected – 31 – 32(INT 754) – 391 – 354(INT 7408).

***117(P)(08/12) 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 Navaids 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° 45'·04N. 74° 09'·94E.
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'·76N. 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.

Former INM 103(P)/12 is cancelled.

***118(T)(08/11) INDIA – WEST COAST – Deep Water Route – Approaches to Mundra Port – Buoys.**

Source: NAVAREA VIII - 629/10 & DLL Jamnagar.

(HJ/1131/20)

1. Sonar buoy reported missing from laid position: 22° 41'·64N, 69° 34'·98E.
2. Mariners to exercise caution.

Charts affected – 203(INT 7319) – 2068.

Former INM 081(T)/12 is cancelled.

***119(T)/(08/12) INDIA – WEST COAST – Port Dabhol – Dredging Operation. Buoys.**

Source: RGPPL, Dabhol.

(HJ/1030/12)

1. Dredging is in progress in approach channel and turning circle of Port Dabhol in the area bounded by following co-ordinates:-

17° 31' .15N., 73° 08' .56E.

17° 31' .25N., 73° 08' .36E.

17° 32' .10N., 73° 07' .64E..

17° 33' .87N., 73° 05' .11E.

17° 34' .00N., 73° 05' .21E.

17° 32' .20N., 73° 07' .78E.

17° 31' .53N., 73° 08' .63E.

17° 31' .32N., 73° 08' .74E..

2. Buoy No. 2 is missing.

3. Mariners to exercise caution and contact local port authorities for more details.

Charts Affected – 2065.

Former INM 092(T)/12 is cancelled.



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:-

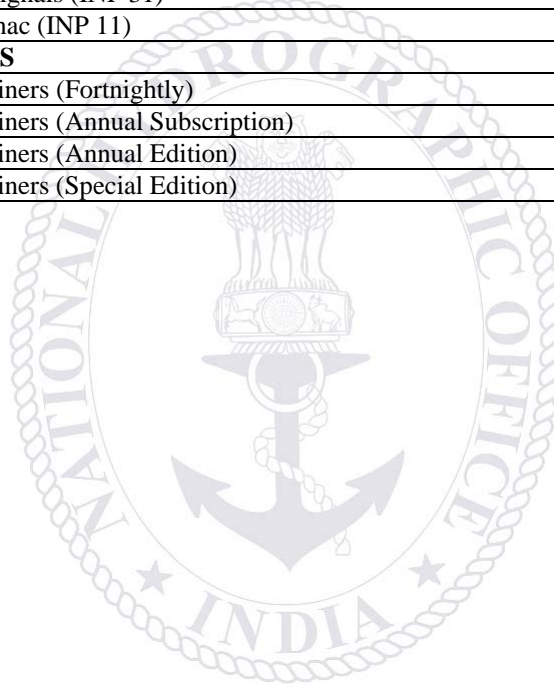
<p>*JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>*JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no 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@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 Neelengarai, 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



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 15 Apr 12.

2011 SERIES: – 225 442 596 708

2012 SERIES: – 024 037 043 068 088 091 099 102 113 121 134 137 154 157 161 165
174 175 176 177 178 180 184 185 186 188 189 191 192 196 197 198 199 201

3. NAVAREA VIII Warnings issued during the period from 01 Apr to 15 Apr 12 (both dates inclusive) are as tabulated below: –

<p>174. Cancel NAVAREA VIII 162/12. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking buoy No 1 unlit. Buoy No 5 and Buoy No 9 temporarily removed .</p>
<p>175. India West Coast – Gulf of Kuchchh. Charts 21 203 291 292 INT 705. Vessel traffic service in Gulf of Kuchchh commissioned and operational with effect from 13 Feb 12 with Master Control Centre (MCC) at Kandala. Coverage area from 068 – 16.00 to 070 – 30.00 on eastern longitude and from 22 – 14.50 TO 23 – 34.00 on northern latitude. VHF channels for general monitoring and distress (CH16) and for communication with MCC Kandala (CH 17, CH 69, CH 71 & CH 73) are available with call sign “VTS Gulf of Kuchchh”. The performance of VTS operations is under observation. The responsibility within the port area in VTS – Gok remains with the respective ports</p>
<p>176. India West Coast – off Karwar. Charts 22 215 257 293 2008 2010 INT 705. Current observation meter deployed in vicinity 14 – 44.00N 074 – 09.00E till 04 May 12. Position marked with 0.20 metre white coloured surface floats.</p> <p>2. Wide berth requested.</p> <p>3. Cancel this MSG on 050001 UTC May 12.</p>
<p>177. India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC daily from 11 Apr to 14 Apr, 17 Apr to 20 Apr and 23 Apr to 26 Apr 12 in area bounded by:</p> <p>(a) 19 – 14.60N 084 – 53.70E (b) 19 – 37.05N 085 – 27.87E</p> <p>(c) 18 – 46.05N 085 – 22.87E</p> <p>and arc of 41 nm radius joining point (b) and (c).</p> <p>2. Safe flying height 7000 metres.</p> <p>3. Cancel this MSG 261900 UTC Apr 12.</p>
<p>178. Cancel NAVAREA VIII 574/11. India West Coast – Gulf of khambhat. Charts 21 207 254 292 INT 71 INT 706. Wreck marking buoy Logos Searcher temporarily removed from position 20 – 37.9N 071 – 38.5E</p> <p>2. Mariners to exercise caution.</p>
<p>179. Cancel NAVAREA VIII 173/12. NAVAREA VIII – Messages in force as on 041003 UTC Apr 12:</p> <p>2011 SERIES: – 225 228 442 596 708</p> <p>2012 SERIES: – 024 037 043 066 068 088 089 091 099 100 102 109 113 121 125 134 137 141 148 152 154 157 161 165 168 171 172 174 175 176 177 178</p> <p>(a) NAVAREA VIII warnings less than 42 days old (099/12 onward) are promulgated via SafetyNET</p> <p>(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in</p> <p>(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners.</p> <p>2. Cancel this MSG 131003 UTC Apr 12.</p>

180. India West Coast – Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery:

Date	Time (UTC)
06 Apr 12	0900 to 1200
10 Apr 12	0900 to 1200 and 1230 to 1430
13 Apr 12	0900 to 1200
17 Apr 12	0900 to 1130
20 Apr 12	0900 to 1200 and 1230 to 1430
24 Apr 12	0900 to 1200
27 Apr 12	0900 to 1200

2. Danger area bounded by:

(a) 09 – 57.5N	075 – 59.5E	(b) 09 – 57.7N	076 – 14.2E
(c) 09 – 44.0N	076 – 17.5E	(d) 09 – 42.5N	076 – 09.5E

3. Safe flying height 10000 metres.

4. Cancel this MSG 271300 UTC Apr 12.

181. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 051001 UTC Apr 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 – 59.40N	071 – 49.10E
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 – 59.60N	072 – 28.52E
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 TAPMEYER	19 – 34.16N	071 – 25.13E
SAGAR GAURAV	22 – 22.06N	068 – 28.73E
SAGAR KIRAN	18 – 37.00N	072 – 41.00E
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
SAGAR JYOTI	19 – 04.26N	072 – 05.40E

Wide berth requested.

2. Cancel NAVAREA VIII 148/12.

182. India East Coast – Bay of Bengal. Charts 32 INT 71 INT 73 INT 706. Firing practice by Naval ships from 0030 UTC to 1030 UTC on 12 Apr 12 in area bounded by:

(a) 12 – 00N	083 – 00E	(b) 12 – 22N	084 – 00E
(c) 11 – 00N	084 – 00E	(d) 11 – 00N	083 – 00E

2. Safe flying height 22000 metres.

3. Cancel this MSG 121130 UTC Apr 12.

183. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 051003 UTC Apr 12:

DHIRUBHAI DEEPWATER KG – 1	17 – 59.88N	086 – 03.16E
SAGAR BHUSHAN	16 – 15.30N	082 – 10.68E
DEEP DRILLER – 1	16 – 40.05N	082 – 27.90E
PLATINUM EXPLORER	17 – 28.56N	085 – 14.30E
ABAN II	17 – 02.43N	082 – 21.85E
DEEP SEA MATDRILL	16 – 16.38N	081 – 43.86E
MG HULME JR	16 – 35.73N	082 – 27.06E

Wide berth requested.

2. Cancel NAVAREA VIII 125/12.

184. India West Coast – off Mumbai. Charts 21 22 255 292 293 INT 71 INT 706. Pipe laying operations in progress by barge Swiber Concorde along line joining 18 – 54.73N 071 – 49.60E and 18 – 56.62N 072 – 02.42E

2. Caution advised and wide berth of 01 nm requested.

3. Cancel this MSG 210001 UTC Apr 12.

185. India West Coast – gulf of Khambhat. Charts 21 208 209 254 292 2039 2102 INT 705. Following vessels broken their anchors/cables in following positions

VESSEL	POSITION
STAR SEA COSMAOS	21 – 38.41N 072 – 25.04E
MV SIAM PROJECT	21 – 41.48N 072 – 24.98E and 21 – 41.90N 072 – 25.24E
MV MALATHI	21 – 01.89N 072 – 36.08E
MV KRAIARCTIC DIGNITY	21 – 41.39N 072 – 23.61E and 21 – 41.19N 072 – 23.55 E
MV BIANCO ZEALAND	21 – 40.40N 072 – 28.20E
BARGE VIKRANT DOLPHIN	21 – 37.00N 072 – 24.50E
MV KOTA ABADI	21 – 42.00N 072 – 22.90E
MT SIGLOO STAR	21 – 38.50N 072 – 25.30E
MV SIOUX MAIDEN	21 – 40.70N 072 – 22.50E
CEILO DI VENEZIA	21 – 42.30N 072 – 28.00E
VINALINES FREEDOM	21 – 41.57N 072 – 26.01E

2. Cancel NAVAREA VIII 109/12.

186. India West Coast – Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 091002 UTC Apr 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 – 55.10N	071 – 31.10E
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 – 59.60N	072 – 28.52E
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 TAPMEYER	19 – 34.16N	071 – 25.13E
SAGAR GAURAV	22 – 22.06N	068 – 28.73E
SAGAR KIRAN	18 – 37.00N	072 – 41.00E
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
SAGAR JYOTI	19 – 04.26N	072 – 05.40E

Wide berth requested.

2. Cancel NAVAREA VIII 181/12.

187.	Cancel NAVAREA 228/11 066/12 100/12 141/12 152/12 and this MSG. INM Edition 07/12 refers.				
188.	India East Coast – Vishakhapatnam. Charts 31 32 308 354 391 3002 3012 INT 706. Seaward firing practice by Naval Coast Battery from 0001 UTC to 0200 UTC and 1500 UTC to 1700 UTC on 18 Apr 12.				
2.	Danger zone sector of 15 nm radius between 070 degree and 130 degree from position 17 – 42N 083 – 18E				
3.	Safe flying height 13000 metres.				
4.	Cancel this MSG 181800 UTC Apr 12.				
189.	India East Coast – Bay of Bengal. Charts 31 351 352 3017 INT 70 INT 71. Experimental flight trial scheduled from ITR launch complex on following dates:				
	Date	Time (UTC)			
	18 Apr 12	0230 to 0530 and 1230 to 1600			
	19 Apr 12	0200 to 0500 and 1130 to 1500			
	20 Apr 12	0030 to 0430			
2.	Danger zone bounded by:				
	Polygon – I				
	(a)	20 – 48.75N	087 – 07.42E	(b)	19 – 11.28N 088 – 02.35E
	(c)	05 – 59.60S	091 – 37.55E	(d)	06 – 16.47S 089 – 21.91E
	(e)	06 – 22.00S	087 – 05.30E	(f)	19 – 03.38N 086 – 26.32E
	(g)	20 – 48.35N	087 – 02.58E		
	Polygon – II				
	(a)	24 – 25.31S	088 – 23.98E	(b)	15 – 24.18S 087 – 37.03E
	(c)	14 – 59.50S	092 – 37.01E	(d)	24 – 00.18S 093 – 29.50E
	(e)	24 – 16.88S	090 – 57.28E		
3.	Caution advised.				
4.	Cancel this MSG 200530 UTC Apr 12.				
190.	India West Coast – off Tanzania. Charts 8007 8008 INT 71 INT 72 INT 701. Research vessel RYLAN T will carry out geotechnical survey from 12 Apr to 02 May 12 in area bounded by:				
	(a)	08 – 58.22S	039 – 56.98E	(b)	09 – 33.42S 039 – 56.98E
	(c)	09 – 32.30S	041 – 34.90E	(d)	09 – 59.50S 041 – 33.60E
2.	The vessel has a security escort consisting of the vessels Mayas dugong and express 17.				
3.	Caution advised and requested to avoid the area of operation.				
4.	Cancel this MSG 030001 UTC May 12.				
191.	Bay of Bengal – Northern Portion. Charts 31 32 391 INT 71 INT 706. Firing practice by Naval ships between 0300 UTC and 0830 UTC daily from 18 Apr to 20 Apr 12 in area bounded by:				
	(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
2.	Safe flying height 10000 metres.				
3.	Cancel this MSG 200930 UTC Apr 12.				
192.	Bay of Bengal – Northern Portion. Charts 31 32 391 INT 71 INT 706. Firing practice by Naval ships between 1230 UTC and 2030 UTC daily from 18 Apr to 20 Apr 12 in area bounded by:				
	(a)	16 – 00N	083 – 35E	(b)	16 – 00N 084 – 25E
	(c)	14 – 45N	083 – 35E	(d)	14 – 45N 084 – 25E
2.	Safe flying height 22000 metres.				
3.	Cancel this MSG 202130 UTC Apr 12.				
193.	India West Coast – Arabian Sea. Charts 22 293 INT 705. Firing by Naval ships from 0830 UTC to 1829 UTC on 19 Apr 12 in area bounded by:				
	(a)	16 – 33N	070 – 26E	(b)	15 – 30N 071 – 29E
	(c)	14 – 37N	070 – 34E	(d)	15 – 40N 069 – 30E
2.	Safe flying height 22000 metres.				
3.	Cancel this MSG 191929 UTC Apr 12.				
194.	Northern Indian Ocean – Bay of Bengal and area of Indian Ocean south of Sri Lanka. Tsunami warning. An earthquake occurred at 110838 UTC Apr 12. Preliminary mag 8.7 Preliminary location off West Coast of Northern Sumatra 2.4N 93.07E. A tsunami warning is in effect for the Bay of Bengal and in the Indian Ocean South of Sri Lanka.				
2.	A tsunami has been generated which could cause damage to coasts and islands in the area. Tsunami wave heights cannot be predicted and may be a series of waves which could be dangerous for several hours after the initial wave arrival.				
3.	All vessels are advised to move into deep ocean.				
195.	Cancel NAVAREA VIII 194/12 and this MSG.				

<p>196. India East Coast – Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706. Rig list. Correct at 121002 UTC Apr 12:</p> <table> <tr> <td>DHIRUBHAI DEEPWATER KG – 1</td> <td>20 – 00.13N</td> <td>088 – 24.55E</td> </tr> <tr> <td>SAGAR BHUSHAN</td> <td>16 – 15.30N</td> <td>082 – 10.68E</td> </tr> <tr> <td>DEEP DRILLER – 1</td> <td>16 – 40.05N</td> <td>082 – 27.90E</td> </tr> <tr> <td>PLATINUM EXPLORER</td> <td>17 – 28.56N</td> <td>085 – 14.30E</td> </tr> <tr> <td>ABAN II</td> <td>17 – 02.43N</td> <td>082 – 21.85E</td> </tr> <tr> <td>DEEP SEA MATDRILL</td> <td>16 – 16.38N</td> <td>081 – 43.86E</td> </tr> <tr> <td>MG HULME JR</td> <td>16 – 35.73N</td> <td>082 – 27.06E</td> </tr> <tr> <td>GSF – 140</td> <td>16 – 31.68N</td> <td>082 – 28.43E</td> </tr> </table> <p>Wide berth requested. 2. Cancel NAVAREA VIII 183/12.</p>	DHIRUBHAI DEEPWATER KG – 1	20 – 00.13N	088 – 24.55E	SAGAR BHUSHAN	16 – 15.30N	082 – 10.68E	DEEP DRILLER – 1	16 – 40.05N	082 – 27.90E	PLATINUM EXPLORER	17 – 28.56N	085 – 14.30E	ABAN II	17 – 02.43N	082 – 21.85E	DEEP SEA MATDRILL	16 – 16.38N	081 – 43.86E	MG HULME JR	16 – 35.73N	082 – 27.06E	GSF – 140	16 – 31.68N	082 – 28.43E
DHIRUBHAI DEEPWATER KG – 1	20 – 00.13N	088 – 24.55E																						
SAGAR BHUSHAN	16 – 15.30N	082 – 10.68E																						
DEEP DRILLER – 1	16 – 40.05N	082 – 27.90E																						
PLATINUM EXPLORER	17 – 28.56N	085 – 14.30E																						
ABAN II	17 – 02.43N	082 – 21.85E																						
DEEP SEA MATDRILL	16 – 16.38N	081 – 43.86E																						
MG HULME JR	16 – 35.73N	082 – 27.06E																						
GSF – 140	16 – 31.68N	082 – 28.43E																						
<p>197. India West Coast – Arabian Sea. Chart 22 293 INT 706. Firing practice by Naval ship between 0030 UTC TO 0530 UTC on 19 Apr 12 in area bounded by:</p> <table> <tr> <td>(a) 15 – 55N</td> <td>070 – 36E</td> <td>(b) 15 – 42N</td> <td>071 – 15E</td> </tr> <tr> <td>(c) 15 – 05N</td> <td>071 – 00E</td> <td>(d) 15 – 18N</td> <td>070 – 22E</td> </tr> </table> <p>2. Safe flying height 8000 metres. 3. Cancel this MSG 190630 UTC Apr 12.</p>	(a) 15 – 55N	070 – 36E	(b) 15 – 42N	071 – 15E	(c) 15 – 05N	071 – 00E	(d) 15 – 18N	070 – 22E																
(a) 15 – 55N	070 – 36E	(b) 15 – 42N	071 – 15E																					
(c) 15 – 05N	071 – 00E	(d) 15 – 18N	070 – 22E																					
<p>198. Cancel NAVAREA VIII 190/12. Africa East Coast – Off Tanzania. Charts 8007 8008 INT 71 INT 72 INT 701. Research Vessel RYLAN T will carry out Geotechnical Survey till 02 May 12 in area bounded by</p> <table> <tr> <td>(a) 08-58.37S</td> <td>039-57.63E</td> <td>(b) 09-33.70S</td> <td>039-57.63E</td> </tr> <tr> <td>(c) 09-32.50S</td> <td>041-35.50E</td> <td>(d) 08-59.83S</td> <td>041-34.00E</td> </tr> </table> <p>2. The vessel has a security escort consisting of the vessels Mayas dugong and express 17. 3. Caution advised and requested to avoid the area of operation. 4. Cancel this MSG 030001 UTC May 12.</p>	(a) 08-58.37S	039-57.63E	(b) 09-33.70S	039-57.63E	(c) 09-32.50S	041-35.50E	(d) 08-59.83S	041-34.00E																
(a) 08-58.37S	039-57.63E	(b) 09-33.70S	039-57.63E																					
(c) 09-32.50S	041-35.50E	(d) 08-59.83S	041-34.00E																					
<p>199. Cancel NAVAREA VIII 193/12. India West Coast-Arabian Sea. Charts 22 293 INT 71 INT 705. Firing by Naval Ships from 0830 UTC to 1829 UTC on 18 Apr 12 in area bounded by</p> <table> <tr> <td>(a) 16-26N</td> <td>070-23E</td> <td>(b) 16-54N</td> <td>069-35E</td> </tr> <tr> <td>(c) 15-30N</td> <td>069-43E</td> <td>(d) 16-15N</td> <td>068-26E</td> </tr> </table> <p>2. Safe flying height 7000 metres. 3. Cancel this MSG 181929 UTC Apr 12.</p>	(a) 16-26N	070-23E	(b) 16-54N	069-35E	(c) 15-30N	069-43E	(d) 16-15N	068-26E																
(a) 16-26N	070-23E	(b) 16-54N	069-35E																					
(c) 15-30N	069-43E	(d) 16-15N	068-26E																					
<p>200. NAVAREA VIII-Messages in force as on 131003 UTC Apr 12 2011 Series: - 225 442 596 708 2012 Series: - 024 037 043 068 088 091 099 102 113 121 134 137 154 157 161 165 174 175 176 177 178 180 184 185 186 188 189 191 192 196 197 198 199</p> <p>(a) NAVAREA VIII warnings less than 42 days old (121/12 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 201003 UTC Apr 12.</p>																								
<p>201. On this day the World Wide Navigational Warning Service (WWNWS) Commemorates the sinking, 100 years ago, of R.M.S Titanic and remembers the tragic loss of life, in what still remains the most historic maritime disaster of all time. This event led to the adoption of the first International convention for the safety of life at sea (SOLAS) and introduced new international requirements dealing with safety of Navigation for all Merchant Ships, including the eventual establishment of the WWNWS.</p> <p>2. The WWNWS provides an Internationally and Nationally co-ordinated service for the promulgation of maritime safety information vital to the safe conduct of vessels and hereby reaffirms its commitment to provide relevant, timely and accurate navigational warnings to the mariner on a global basis. 3. Additionally, the WWNWS would like to take this opportunity to remember and honour all those who have lost their lives at sea. 4. Cancel this MSG 141530 UTC Apr 2012.</p>																								

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

Article 2.222, insert at the end of article

West Coast of India Pilot (INP-1)

Chapter -2 (Page – 73)

(Source: INS Investigator, ROS O-187)

Article 2.10, delete para1 and replace by

1. **Climate and Weather.** Maldives has a tropical climate and lot of sunshine throughout the year. There is relatively minor variation in daily temperatures throughout the year. The hottest month of the year is April and December the coolest. There is a significant variation in the monthly rainfall level. January to April being relatively dry, February is the driest while May and October records the highest average monthly rainfall.

2. The Southwest monsoon also known by its local name “Hulhangu” is mainly from May to September. Rough seas and strong winds are common during this period. The Northeast monsoon, which is locally known as “Iruvai”, falls between December to April. During this period, skies are generally clear, humidity is low and rainfall is minimal.

3. **Tsunami.** Maldives is also highly vulnerable to Tsunami as the maximum height of land on these groups of islands is just about 1.5 to 2m above the mean sea level and thus making it highly exposed for such a calamity. As all the islands are scattered it is difficult to monitor the intensity of damage and provide assistance from a single nodal point. A tsunami observation tower is located on the South east end of Male.

Article 2.30, insert at the end of article



Gan Island Air Field

Article 2.108, insert at the end of article



Kaddhoo Air Field



Keyodhoo Island (Towers)



Felidhoo Island (Towers)

Article 2.165, insert at the end of article



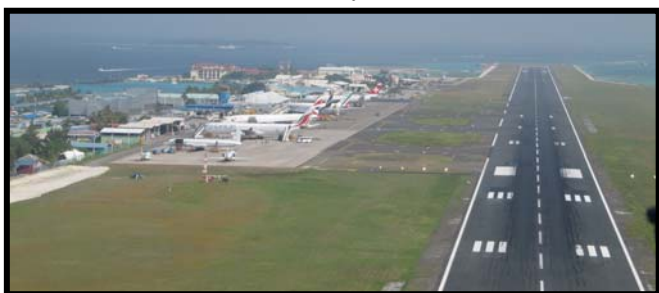
Maavarufalu Light

Article 2.286, insert at the end of article



Dhoonidhoo Island

Article 2.272, insert at the end of article



International Air Port at Hulule Island

Article 2.198, insert at the end of article



Male Island

Chapter -6 (Page – 189)
(Source: INS Jamuna, ROS D-200)

Article 6.11, insert new para

2 **Wrecks and obstructions** wreck exists in position
12°29.8N, 74°53'.41E.

Chapter -9 (Page – 278)
(Source: Adani Ports and Special Economic Zone Ltd.)

Article 9.106a, Para 8 insert new subpara after subpara (ii)
(iii) **West Basin** The port and anchorage being situated in gulf of Kuchchh, provides shelter to vessel. The sea bed comprises of fine sand, mud and broken shells and provides good holding ground. Designated anchorage for vessel awaiting berthing at West Basin is marked by following coordinates (WGS 84):-

- 22° 39'.92 N, 069° 36'.06 E
- 22° 39'.92 N, 069° 32'.42 E
- 22° 37'.97 N, 069° 36'.06 E
- 22° 39'.04 N, 069° 32'.42 E

Article 9.106a, Para 8 renumber subpara **iii, iv, v to iv, v, vi**

Article 9.106a, Para 10, insert line at the end of para
West Basin 22° 41'.00 N, 069° 33'.55 E

Article 9.106a, Para 14, Insert new subpara at the end
(viii) **West Basin Leading Lights**

Light	Position	Characteristics	Range /Ht.
Front	22° 46'.18N 069° 34'.97E	ISO W 3s	7 miles 20 m
Rear	22° 46'.50N 069° 35'.13E	Oc W 9s	7 miles 46 m

Article 9.106a, insert at the end of para 16

West Basin

Berth	LOA	Beam	Depth	Type
WB1	325m	55m	--	Dry
WB2	325m	55m	--	Dry
WB3	325m	55m	--	Dry

Total quay length of West Basin is 1126 m and hence ships can be berthed depending upon LOA subject to a minimum 40m clearance between each vessel.

Article 9.106a, insert at the end of para 19

West Basin

(i) **Storage capacity (Yards)** 450,000 sq m of paved area for the storage of 2.2 MMT bulk-cargos and other conventional cargo

(ii) **Cargo Handling Equipments**

04 Nos. - Stack Reclaimers, Capacity 6000 TPH (Stacking Mode), 2500 TPH (Reclaiming Mode)
04 Nos. - Ship Grab Unloader

(iii) **Conveyor System**

Total Length 17400m, Belt Width 2200mm,
Belt Speed 4.6 m/s, Receiving Capacity – 6000 TPH
Stacking Conveyor Capacity – 6000 TPH
Reclaiming Conveyor Capacity – 5000 TPH

Article 9.106a, insert at the end of para 28

(e) **DGM Marine and PFSO**

Capt Sansar Chaube

Adani ports and SEZ Ltd

Post Bag No. 1, Mundra 370421

Kutch Gujrat

Phone: +91 2838 289221 /289321

Fax: +91 2838 289170

Email: sansar.chaube@adani.com

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
F0361.2	Mundra Port West Basin. Front	22 46.18 N 69 34.97 E	ISO W 3s	20	7		
*	*	*	*	*	*	*	*
F0361.3	Mundra Port West Basin. Rear	22 46.50 N 69 35.13 E	Oc W 3s	46	7		
*	*	*	*	*	*	*	*
F0720	Kolachel	8 10.31N 77 14.98E	F R	18	7	White platform	Vis 286°-107°(181°) (Occas) TE 2012
							*
F0592	Achra Point	16 12.00N 73 25.90E	Fl(2)W 6s	49	8	Framework tower 9	Shown 1/9-31/5 TE 2012
							*



SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 07 dated 01 Apr 2009)

NIL

INP 31(2), 2007

(Last correction: Edition No. 24 dated 16 Dec 10)

NIL

INP 31(5), 1997

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

NIL

INP 31(6), 2005

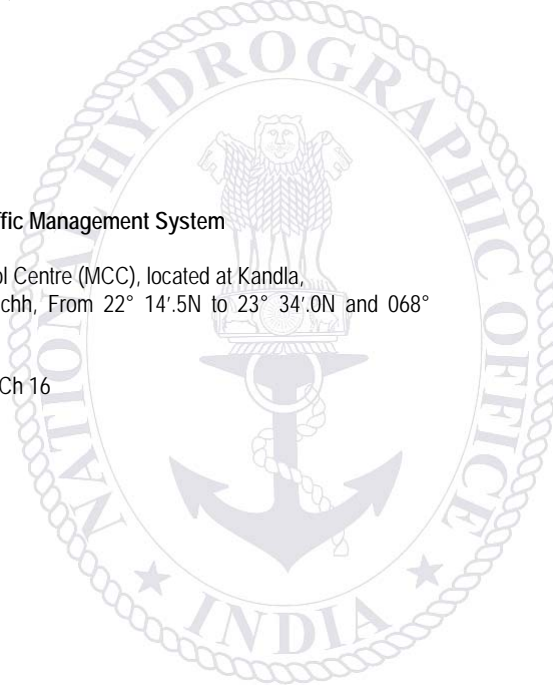
(Last correction: Edition No. 24 dated 16 Dec 2011)

*Page 85, India Section,
Insert After VTS Khambat*

GULF OF KUCHCHH

Vessels Traffic Management System

DESCRIPTION: The Master Control Centre (MCC), located at Kandla,
COVERAGE AREA: Gulf of Kachchh, From 22° 14'.5N to 23° 34'.0N and 068°
16'.0E to 070° 30'.0E
CALL: VTS Gulf of Kuchchh
General monitoring and Distress – Ch 16
MCC Kandla – Ch 17/69/71/73



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	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

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	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date



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