



# INDIAN NOTICES TO MARINERS



EDITION NO. 05 DATED 01 MAR 2012

(CONTAINS NOTICES 074 TO 082)

REACH US 24 x 7



in的角度@nic.in  
msis-in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](http://www.hydrobharat.nic.in)

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(PUBLISHED ON NHO WEBSITE ON 1<sup>ST</sup> & 16<sup>TH</sup> OF EVERY MONTH)

**FEEDBACK:** [msis-in的角度@nic.in](mailto:msis-in的角度@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**



### 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<sub>s</sub> 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 &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
<b>2083 (INT7339)</b>	<b>31-12-2011</b>	<b>Approaches to Sikka Limits</b> 22° 43'.00N; 69° 58'.80E. 22° 23'.00N; 69° 43'.00E.	37,500	2	Rs. 1527.00
	<b>31-12-2011</b>	<b>Reliance Tanker Berths Limits</b> 22° 30'.50N; 69° 50'.75E. 22° 29'.50N; 69° 49'.75E.	5000	2	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 &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
<b>211</b>	31-12-2011	<b>SATPATI TO DIGHI HARBOUR Limits</b> 19° 44'.50N; 73° 02'.00E. 18° 11'.00N; 72° 08'.00E.	1,50,000	3	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>
<b>211</b>	30-06-2005	<b>Satpati to Murud Janjira</b>	<b>211</b>	31-12-2011
<b>2083</b>	15-03-2010	<b>Approaches to Sikka, Reliance Tanker Berths</b>	<b>2083 (INT7339)</b>	31-12-2011

4. The forthcoming Indian Publication is as follows:-

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

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

<i>ENC Cell No</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
<b>IN42016M.000</b>	<b>2016</b>	<b>INNER APPROACHES TO MUMBAI</b>	<b>16-02-2012</b>

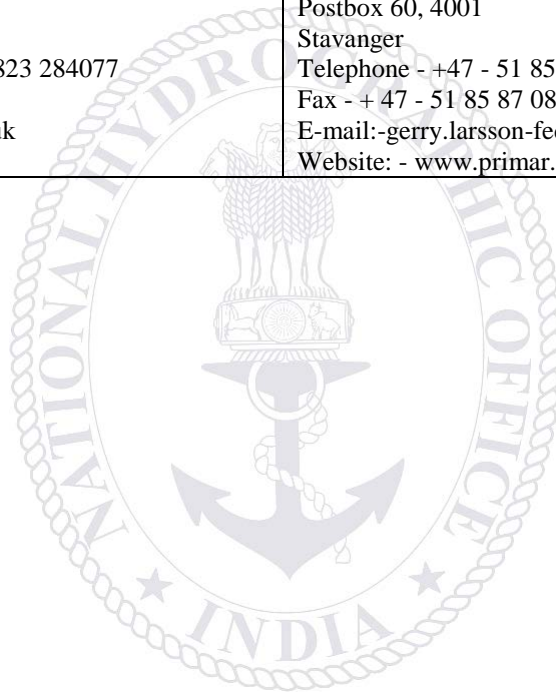
6. The Indian Electronic Navigational Chart permanently withdrawn is as follows:-

<i>ENC Cell No</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
<b>IN42016M.000</b>	<b>2016</b>	<b>INNER APPROACHES TO MUMBAI</b>	<b>14-10-2004</b>

**Availability of ENC's.**

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

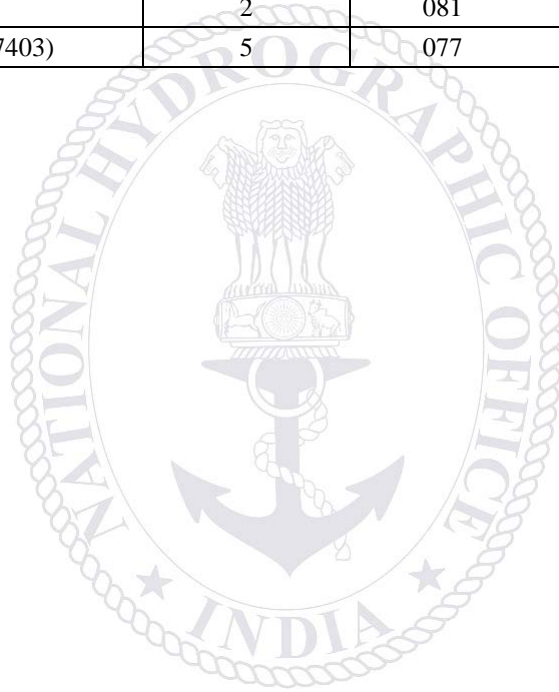
<p>The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in</p>	<p>Director, M/s JEPPESEN Norway AS PO Box 212 N-4379 Egersund Norway Tel: +47-51- 464 700 Fax: +47-51-464 701 Mob : +91-9322 238 542 Email: enc@jeppesen.com, info@c-map.co.in Website: www.jeppesen.com</p>
<p>United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk</p>	<p>Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail:-gerry.larsson-fedde@statkart.no Website: - www.primar.org</p>



**SECTION – I**

The lists of charts affected by the Notices 074 to 082 contained in this edition are as follows:

<b>CHART NUMBER</b>	<b>FOLIO NO.</b>	<b>NOTICE NO.</b>
203(INT 7319)	2	081
220	3	076
313	5	075, 080
2004(INT 7359)	3	082
2011	3	079
2018(INT 7321)	2	074
2045(INT 7360)	3	082
2068	2	081
2079	2	078, 081
2080	2	074
2107	2	081
3004(INT 7403)	5	077



## SECTION – II













### PERMANENT NOTICES

**\*074/(05/12) INDIA – WEST COAST – Navlakhi Port – Buoys.**

Source: GMB.

(HJ/1130/29)

**Chart 2080** [previous update 062/12]

Insert		<i>Fl.G.10s</i> <i>No.1</i>	22° 52′.60N., 70° 14′.27E.
		<i>Fl.R.10s</i> <i>No.2</i>	22° 53′.30N., 70° 14′.56E.
		<i>Fl.R.10s</i> <i>No.3</i>	22° 53′.86N., 70° 15′.77E.
		<i>Fl.G.10s</i> <i>No.4</i>	22° 53′.84N., 70° 17′.60E.
		<i>Fl.R.10s</i> <i>No.5</i>	22° 54′.40N., 70° 18′.50E.
Delete		<i>No.1</i>	22° 53′.74N., 70° 16′.15E.
		<i>No.2</i>	22° 54′.50N., 70° 17′.33E.
		<i>No.3</i>	22° 54′.10N., 70° 18′.58E.
		<i>No.4</i>	22° 55′.22N., 70° 20′.35E.
		<i>No.5</i>	22° 55′.49N., 70° 23′.56E.
		<i>No.6</i>	22° 57′.50N., 70° 24′.27E.
		<i>Navlakhi Buoy</i>	22° 53′.18N., 70° 14′.63E.

**Chart 2018(INT7321)** [previous update 054/12]

Insert		<i>Fl.G.10s</i> <i>No.1</i>	22° 52′.60N., 70° 14′.27E.
		<i>Fl.R.10s</i> <i>No.2</i>	22° 53′.30N., 70° 14′.56E.
		<i>Fl.R.10s</i> <i>No.3</i>	22° 53′.86N., 70° 15′.77E.
Delete		<i>No.1</i>	22° 53′.74N., 70° 16′.15E.
		<i>Navlakhi Buoy</i>	22° 53′.18N., 70° 14′.63E.

**\*075/(05/12) INDIA – EAST COAST – Kattupalli Port – Buoys.**

Source: L & T Shipbuilders, Kattupalli Port.

(HJ/1129/03)

**Chart 313** [previous update NE, 31 Oct 10]

Insert		<i>Mo (A) 8s</i>	13° 17′.82N., 80° 23′.41E
		<i>FW</i>	

**\*076/(05/12) INDIA – WEST COAST – Tanur Nagaram to Manakkodam – Buoys.**

Source: INS Sarvekshak.

(HJ/930/03)

**Chart 220** [previous update 044/10]

Delete			10° 09′.20N., 75° 42′.90E
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**\*077/(05/12) INDIA – EAST COAST – Chennai Harbour – Jetties. Coastline. Legend.**

Source: INS Sandhayak

(HJ/1029/11)

**Chart 3004(INT7403)** [previous update 273/11]

Insert	jetty, single firm line, joining:	(a)	13° 05′.87N., 80° 18′.20E.
		(b)	13° 05′.46N., 80° 18′.02E.
			13° 05′.55N., 80° 18′.03E.
			13° 05′.70N., 80° 18′.07E.
			13° 05′.80N., 80° 18′.11E.
Delete	coastline, single firm line, joining:	(a)	above
			13° 05′.81N., 80° 18′.10E..
			13° 05′.52N., 80° 18′.12E..
			and
		(b)	above
	legend “under construction (2008)”, centered on:		13° 05′.70N., 80° 18′.13E

①

②











③

**\*078/(05/12) INDIA – WEST COAST – Approaches to Mundra Port – Mundra port – Basin. Buoys. Legends.**

Source: NHO.

(HJ/1131/20)

**Chart 2079** [previous update 068/12]

Insert	legend “Mundra West Basin (See Note)”, centered on:	22° 46′.00N., 69° 35′.00E.
	legend “Mundra South Basin (See Note)”, centered on:	22° 44′.50N., 69° 41′.00E.
	Accompanying note, “MUNDRA WEST & SOUTH BASIN”, centered on:	22° 47′.30N., 69° 42′.50E.
	 Iso.G.4s No.1	22° 42′.68N., 69° 33′.45E.
	 Iso.R.4s No.2	22° 42′.83N., 69° 33′.15E.
	 Q.G No.3	22° 43′.23N., 69° 33′.65E.
	 Q.R No.4	22° 43′.30N., 69° 33′.47E.
	 Oc(2)G.8s No.5	22° 43′.93N., 69° 33′.98E.
	 Oc(2)R.8s No.6	22° 43′.98N., 69° 33′.80E.
	 Q.G No.7	22° 44′.62N., 69° 34′.33E.
	 Q.R No.8	22° 44′.75N., 69° 34′.13E.
	 Oc(2)G.8s No.9	22° 44′.87N., 69° 34′.47E.
	 Mo(U).G.10s No.11	22° 45′.17N., 69° 34′.37E.
Move	legend, “SONAR DURREE”, from:	22° 43′.28N., 69° 33′.80E.
	to:	22° 42′.81N., 69° 35′.00E.

**Former INM 050(P)/12 is cancelled.****\*079/(05/12) INDIA – WEST COAST – Jaigarh Port – Pilot Boarding Area.**

Source: Jaigarh Port

(HJ/1030/12)

**Chart 2011** [previous update 031/12]

Insert		17° 19′.90N., 73° 08′.30E
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**SECTION – III**  
**TEMPORARY AND PRELIMINARY NOTICES**

**\*080(P)/(05/12) INDIA – EAST COAST – Kattupalli Port – Works.**

Source: L & T Shipbuilding.

(HJ/1029/39)

1. The following port marine facilities development activities are in progress with in the port limit of Kattupalli Port.

- (a) Construction of a South Breakwater, North Breakwater and two berths.
- (b) Capital dredging of the approach channel and Basin.
- (c) Construction of Ship lift facility and a quay wall.

\*2. Navigational buoys has been laid in the following positions to define navigable channel of port:

<b><u>Buoys No.</u></b>	<b><u>Description</u></b>	<b><u>Position</u></b>	<b><u>Light Characteristics</u></b>
1	Conical	13° 17'·98N., 80° 22'·87E.	Fl.G.2s
2	Cylindrical	13° 17'·89N., 80° 22'·86E.	Fl.R.2s
3	Conical	13° 18'·10N., 80° 22'·33E.	Fl (2)G.4s
4	Cylindrical	13° 18'·02N., 80° 22'·32E.	Fl (2)R.4s
5	Conical	13° 18'·22N., 80° 21'·80E.	Fl.G.2s
6	Cylindrical	13° 18'·13N., 80° 21'·77E.	Fl.R.2s
7	South Cardinal	13° 18'·35N., 80° 21'·56E.	Q(6)+LFl 15s
8	Cylindrical	13° 18'·28N., 80° 21'·42E.	Fl (2)R.5s
9	Conical	13° 18'·62N., 80° 21'·31E.	Fl (2)G.5s
10	Cylindrical	13° 18'·33N., 80° 21'·15E.	Fl.R.2s

3. Mariners to take note and contact local port authorities for more information.

4. \* Indicates revised entry.

5. **Former INM 281(P)/11 is cancelled.**

**Chart Affected – 313.**

**\*081(T)/(05/12) INDIA – WEST COAST – Deep Water Route – Approaches to Mundra Port – Buoys.**

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

(HJ/1131/20)

1. Following buoy reported missing from laid position:

<b><u>Buoy Name</u></b>	<b><u>Position</u></b>	<b><u>Charts Affected</u></b>
Ranwara buoy	22° 39'·18N, 69° 19'·80E	203(INT 7319) – 2068.
*Sonar buoy	22° 41'·64N, 69° 34'·98E	203(INT 7319) – 2068 – 2079 – 2107.

2. Mariners to exercise caution.

\* Indicates new entry.

**Former INM 154(T)/11 is cancelled.**

**\*082 (P)/(05/12) INDIA – WEST COAST – Port of Kochi – Kochi Harbour – Dredging. Buoyage.**

Source: Kochi Port.

(HJ/930/93)

1. Dredging Is In Progress In Outer Approach Channel Of Kochi Harbour For Deepening And Widening Of Outer Channel.

2. Buoys will be shifted and may vary from charted position to coincide with the extension of channel. Fairway Buoy and channel buoy no. 3 & 4 have been retrieved.

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

4. **Former INM 057(P)/12 is cancelled.**

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

## SECTION – IV MARINE INFORMATION

### 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)

### 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><b>*JEPPESEN MARINE</b> <b>Jeppesen India Pvt. Ltd.</b> 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a></p>	<p><b>*JEPPESEN MARINE</b> <b>Jeppesen Norway AS</b> P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: <a href="mailto:info@c-map.no">info@c-map.no</a> Site: <a href="http://www.c-map.no">www.c-map.no</a></p>	<p><b>C-Map US Commercial</b> 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: <a href="mailto:info@c-map.com">info@c-map.com</a></p>
<p><b>C-Map (UK) Ltd.</b> Systems House Delta Business Park Salterns Lane, Fareham, PO16 0QS, United Kingdom, Ph: +44 (0) 1329 517777 Fax: +44 (0) 1329 517778 Email: <a href="mailto:info@c-map.co.uk">info@c-map.co.uk</a></p>	<p><b>Mari-Sys Pte Ltd.</b> 20 Ayer Rajah Crescent, 08-21, SE 139964, Republic of Singapore Ph: +65 6776 1898 Email: <a href="mailto:info@mari-sys.com">info@mari-sys.com</a></p>	<p><b>Bogerd Martin NV,</b> Oude Leeuwenrui 37 2000 Antwerp, Belgium Ph: +32 (3) 2134170 Fax: +32 (3) 2326167 Email: <a href="mailto:sales@martin.be">sales@martin.be</a> Site: <a href="http://www.martin.be">www.martin.be</a></p>
<p><b>Bogerd Martin Tianjin(China Branch)</b> 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: <a href="mailto:charts-tj@martincn.com">charts-tj@martincn.com</a></p>	<p><b>C-Map Holland</b> Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie <a href="mailto:cor@chartworx.nl">cor@chartworx.nl</a></p>	
<p>* Indicates C Map Norway AS has changed name to <b>Jeppesen Marine Norway AS</b>. Indicates C Map India has changed name to <b>Jeppesen India</b>.</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 <sup>st</sup> 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: 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 23736756, 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

**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 29 Feb 12.

**2011 SERIES** – 225 228 442 574 596 708 720

**2012 SERIES** – 024 035 037 041 043 066 067 068 069 071 077 080 081 088 089 090 091 092  
097 099 100 101 102 103 104 105 106 108 109 110 111 112

3. NAVAREA VIII Warnings issued during the period from 16 Feb to 29 Feb 12 (both dates inclusive) are as tabulated below:-

<p><b>084. India East Coast-Vishakhapatnam.</b> Charts 31 32 308 354 391 3002 3012 INT 706. Seaward firing practice by Naval Coast Battery from 0001 UTC to 0300 UTC and 1500 UTC to 1700 UTC on 22 Feb 12.</p> <p>2. Danger Zone sector of 15 NM Radius between 070 degree and 130 Degree from position 17-42N 083-18E.</p> <p>3. Safe flying height 13000 Metres.</p> <p>4. Cancel this MSG 221800 UTC Feb 12.</p>								
<p><b>085. INDIA EAST COAST- CHENNAI.</b> Charts 32 33 313 356 357 3001 3004 INT 706. Firing practice by Naval Coast battery from 0530 UTC to 0730 UTC on 24 Feb 12.</p> <p>2. Danger zone sector of 11 NM radius between 045 Degree and 075 Degree from position 13-07.02N 080-18.01E.</p> <p>3. Safe flying height 12800 Metres.</p> <p>4. Cancel this MSG 240830 UTC Feb 12.</p>								
<p><b>086. NAVAREA VIII-Messages in Force as on 171003 UTC Feb 12</b></p> <p>2011 SERIES: - 225 228 442 574 596 604 704 708 720</p> <p>2012 SERIES: - 024 031 035 037 040 041 043 049 055 066 067 068 069 071 072 077 080 081 083 084 085</p> <p>(a) NAVAREA VIII Warnings less than 42 days old (024/12 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 <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a>.</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 241001 UTC Feb 12.</p>								
<p><b>087. Indian Ocean-Western Part.</b> Charts INT 71 INT 702 INT 703. Piracy. Possible pirate action group in vicinity 05-29S 064-02E at 180714 UTC Feb 12.</p> <p>2. Vessels are advised to keep 100 miles clear of the area and exercise extreme caution.</p> <p>3. Cancel this MSG 210714 UTC Feb 12.</p>								
<p><b>088. India East Coast – off Narasapur.</b> Charts 31 32 355 391 INT 706. Survey Vessel Skandi Seven will carry out pipe laying and ROV operation till 15 Apr 12 in area bounded by</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 25%;">(a) 16-15.83N</td> <td style="width: 25%;">082-10.16E</td> <td style="width: 25%;">(b) 16-15.28N</td> <td style="width: 25%;">082-10.66E</td> </tr> <tr> <td>(c) 16-14.80N</td> <td>082-10.98E</td> <td>(d) 16-13.38N</td> <td>082-10.76E</td> </tr> </tbody> </table> <p>2. Caution advised and wide berth of 04 nm around the vessel requested.</p> <p>3. Cancel this MSG 160001 UTC Apr 12.</p>	(a) 16-15.83N	082-10.16E	(b) 16-15.28N	082-10.66E	(c) 16-14.80N	082-10.98E	(d) 16-13.38N	082-10.76E
(a) 16-15.83N	082-10.16E	(b) 16-15.28N	082-10.66E					
(c) 16-14.80N	082-10.98E	(d) 16-13.38N	082-10.76E					
<p><b>089. BAY OF BENGAL-EASTERN PART.</b> Charts 41 325 371 INT 706. Drilling rig doo sung will carry drilling operation from 25 Feb to 08 Apr 12 in area bounded by.</p> <table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 25%;">(a) 16-48.93N</td> <td style="width: 25%;">094-00.50E</td> <td style="width: 25%;">(b) 16-48.67N</td> <td style="width: 25%;">094-02.50E</td> </tr> <tr> <td>(c) 16-46.72N</td> <td>094-02.23E</td> <td>(d) 16-47.00N</td> <td>094-00.22E</td> </tr> </tbody> </table> <p>2. Wide berth of 03 NM around the area requested.</p> <p>3. Cancel this MSG 090001 UTC Apr 12.</p>	(a) 16-48.93N	094-00.50E	(b) 16-48.67N	094-02.50E	(c) 16-46.72N	094-02.23E	(d) 16-47.00N	094-00.22E
(a) 16-48.93N	094-00.50E	(b) 16-48.67N	094-02.50E					
(c) 16-46.72N	094-02.23E	(d) 16-47.00N	094-00.22E					

**090. India West Coast – Lakshadweep sea.** Charts 22 268 272 273 2023 2047 INT 705. Hydrographic survey will be carried out from 25 Feb to 25 Mar 12 in following areas:

**Area 1**

(a)	10-29.0N	072-33.5E	(b)	10-29.0N	072-42.0E
(c)	10-38.0N	072-42.0E	(d)	10-38.0N	072-33.5E

**Area 2**

(a)	11-24.5N	072-57.0E	(b)	11-24.5N	073-03.5E
(c)	11-34.0N	073-03.5E	(d)	11-34.0N	072-57.0E

**Area 3**

(a)	10-45.5N	072-05.5E	(b)	10-45.5N	072-23.7E
(c)	11-00.5N	072-23.7E	(d)	11-00.5N	072-05.5E

2. Cancel this MSG 260001 UTC Mar 12.

**091. India West Coast – off Ratnagiri.** Charts 22 256 293 2074 2077 INT 705. Navigational buoy 16-53.45N 073-16.60E unlit.

**092. India West Coast – Arabian Sea.** Charts 21 22 208 209 211 254 292 293 INT 705 INT 706. Rig list. Correct at 221001 UTC Feb 12:

ABAN ICE	21-31.61N	068-27.25E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	18-34.40N	072-25.40E
DEEP SEA FOSSIL	22-25.00N	068-14.25E
DEEP SEA FORTUNE	20-40.06N	072-13.03E
GREATDRILL CHETNA	20-01.34N	072-00.62E
GREATDRILL CHITRA	19-23.48N	071-25.18E
JT ANGEL	19-18.55N	071-27.53E
KEDARNATH	20-15.13N	071-28.24E
NOBLE KENNETH DELANEY	19-21.80N	071-23.85E
NOBLE CHARLIE YESTER	21-03.00N	072-23.00E
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	20-20.03N	072-07.55E
SAGAR LAXMI	18-36.16N	071-01.65E
SAGAR PRAGATI	18-32.26N	072-15.45E
SAGAR SHAKTI	19-57.30N	072-19.18E
SAGAR SAMRAT	19-32.13N	071-18.81E
TRIDENT – 2	19-26.06N	071-24.26E
TRIDENT – 12	19-08.00N	071-52.08E
VIRTUE 1	19-05.35N	072-06.88E

Wide berth requested.

2. Cancel NAVAREA VIII 072/12.

**093. Cancel NAVAREA VIII 083/12 and this MSG.** Salaya channel marking buoy Kachchh re-established.

**094. India West Coast – Gulf of Kachchh.** Charts 21 203 2068 INT 705. Salaya channel marking buoy Mithapur temporarily removed.

**095. 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:

<b>Vessel</b>	<b>Position</b>
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

2. Cancel NAVAREA VIII 049/12.

<p><b>096. Andaman Sea – off Port Blair.</b> Charts 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery from 0730 UTC to 0900 UTC on 29 Feb 12 in area bounded by:</p> <table> <tbody> <tr> <td>(a)</td> <td>11-39.7N</td> <td>092-46.3E</td> <td>(b)</td> <td>11-40.6N</td> <td>092-47.0E</td> </tr> <tr> <td>(c)</td> <td>11-37.8N</td> <td>092-57.1E</td> <td>(d)</td> <td>11-30.4N</td> <td>092-48.9E</td> </tr> </tbody> </table> <p>2. Safe flying height 9000 metres. 3. Cancel this MSG 291000 UTC Feb 12.</p>	(a)	11-39.7N	092-46.3E	(b)	11-40.6N	092-47.0E	(c)	11-37.8N	092-57.1E	(d)	11-30.4N	092-48.9E								
(a)	11-39.7N	092-46.3E	(b)	11-40.6N	092-47.0E															
(c)	11-37.8N	092-57.1E	(d)	11-30.4N	092-48.9E															
<p><b>097. India West Coast – Mormugao.</b> Chart 22 214 215 257 2022 INT 71 INT 706. Firing practice by Naval aircraft from 0230 UTC to 1230 UTC daily from 01 to 07 Mar and 14 to 21 Mar 12 in area bounded by:</p> <table> <tbody> <tr> <td>(a)</td> <td>15-13N 073-57E</td> <td>(b)</td> <td>15-13N 073-52E</td> </tr> <tr> <td>(c)</td> <td>15-11N 073-52E</td> <td>(d)</td> <td>15-11N 073-57E</td> </tr> </tbody> </table> <p>2. Safe flying height 3500 metres. 3. Cancel this MSG 211330 UTC Mar 12.</p>	(a)	15-13N 073-57E	(b)	15-13N 073-52E	(c)	15-11N 073-52E	(d)	15-11N 073-57E												
(a)	15-13N 073-57E	(b)	15-13N 073-52E																	
(c)	15-11N 073-52E	(d)	15-11N 073-57E																	
<p><b>098. Arabian Sea – Eastern Part.</b> CHARTS 21 22 292 INT 705. Derelict brown coloured wooden boat reported adrift in vicinity 19-19.5N 069-24.2E at 220515 UTC Feb 12. 2. Cancel this MSG 250515 UTC Feb 12.</p>																				
<p><b>099. Indian Ocean – SW Sector - Mozambique Channel.</b> Charts 8007 8008 INT 71 INT 701. M/V Geo Caribbean conducting seismic survey operations in area bounded by:</p> <table> <tbody> <tr> <td>(a)</td> <td>12-00S 041-40E</td> <td>(b)</td> <td>12-00S 041-00E</td> </tr> <tr> <td>(c)</td> <td>10-05S 041-00E</td> <td>(d)</td> <td>10-05S 041-40E</td> </tr> </tbody> </table> <p>2. Towing gear at 05 nm. Vessels requested to provide a CPA of 03 nm ahead and abeam AND 07 nm astern. 3. Until further notice.</p>	(a)	12-00S 041-40E	(b)	12-00S 041-00E	(c)	10-05S 041-00E	(d)	10-05S 041-40E												
(a)	12-00S 041-40E	(b)	12-00S 041-00E																	
(c)	10-05S 041-00E	(d)	10-05S 041-40E																	
<p><b>100. India West Coast.</b> 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 icgmrcc_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.</p>																				
<p><b>101. Navarea VIII – messages in force as on 241001 UTC Feb 12:</b>  <b>2011 Series:</b> - 225 228 442 574 596 704 708 720  <b>2012 Series:</b> - 024 035 037 040 041 043 066 067 068 069 071 077 080 081 088 089 090 091 092 094 095 096 097 098 099 100</p> <p>(a) NAVAREA VIII warnings less than 42 days old (024/12 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 021001 UTC Mar 12.</p>																				
<p><b>102. Sri Lanka East Coast to Bombay High.</b> Charts 22 23 32 33 263 264 359 INT 71 INT 705 INT 706. MV SCI 02 and Great Ship Akhila towing rig SAGAR JYOTI 250230 UTC Feb 12 from Sri Lanka East Coast to Bombay High passing through traffic separation scheme (TSS) via</p> <table> <tbody> <tr> <td>(a)</td> <td>08-00N</td> <td>082-00E</td> <td>(b)</td> <td>07-00N</td> <td>082-04E</td> </tr> <tr> <td>(c)</td> <td>06-22N</td> <td>081-30E</td> <td>(d)</td> <td>06-00N</td> <td>081-30E</td> </tr> <tr> <td>(e)</td> <td>05-48N</td> <td>080-44E</td> <td>(f)</td> <td>05-48N</td> <td>080-00E</td> </tr> </tbody> </table> <p>2. Length of Tow 600 Metres. Wide berth requested.</p>	(a)	08-00N	082-00E	(b)	07-00N	082-04E	(c)	06-22N	081-30E	(d)	06-00N	081-30E	(e)	05-48N	080-44E	(f)	05-48N	080-00E		
(a)	08-00N	082-00E	(b)	07-00N	082-04E															
(c)	06-22N	081-30E	(d)	06-00N	081-30E															
(e)	05-48N	080-44E	(f)	05-48N	080-00E															
<p><b>103. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 71 INT 706. Firing by Naval Coast Battery</p> <table> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>03 Mar 12</td> <td>0900 to 1200</td> </tr> <tr> <td>07 Mar 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>10 Mar 12</td> <td>0900 to 1200</td> </tr> <tr> <td>14 Mar 12</td> <td>0900 to 1200</td> </tr> <tr> <td>17 Mar 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>21 Mar 12</td> <td>0900 to 1200</td> </tr> <tr> <td>24 Mar 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> <tr> <td>28 Mar 12</td> <td>0900 to 1200</td> </tr> <tr> <td>31 Mar 12</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </tbody> </table>	Date	Time (UTC)	03 Mar 12	0900 to 1200	07 Mar 12	0900 to 1200 and 1230 to 1430	10 Mar 12	0900 to 1200	14 Mar 12	0900 to 1200	17 Mar 12	0900 to 1200 and 1230 to 1430	21 Mar 12	0900 to 1200	24 Mar 12	0900 to 1200 and 1230 to 1430	28 Mar 12	0900 to 1200	31 Mar 12	0900 to 1200 and 1230 to 1430
Date	Time (UTC)																			
03 Mar 12	0900 to 1200																			
07 Mar 12	0900 to 1200 and 1230 to 1430																			
10 Mar 12	0900 to 1200																			
14 Mar 12	0900 to 1200																			
17 Mar 12	0900 to 1200 and 1230 to 1430																			
21 Mar 12	0900 to 1200																			
24 Mar 12	0900 to 1200 and 1230 to 1430																			
28 Mar 12	0900 to 1200																			
31 Mar 12	0900 to 1200 and 1230 to 1430																			

<b>103. Continue</b>						
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 311530 UTC Mar 12.					
<b>104. India East Coast- Bay of Bengal.</b> Charts 31 32 33 354 391 INT 706. Experimental flight trial scheduled from ITR launch complex between 0430 UTC to 1030 UTC from 04 Mar to 05 Mar 12. Danger zone bounded by						
	(a)	17-39.23N	083-35.80E	(b)	17-11.65N	083-32.85E
	(c)	14-08.73N	084-35.25E	(d)	11-36.80N	085-36.53E
	(e)	12-08.18N	086-50.38E	(f)	12-53.63N	087-56.41E
	(g)	15-03.98N	086-15.53E	(h)	17-29.05N	084-04.28E
	(j)	17-40.40N	083-37.93E			
2.	Caution advised.					
3.	Cancel this MSG 051130 UTC Mar 12.					
<b>105. India West Coast-Kochi Harbour.</b> Charts 22 32 220 259 2004 2029 INT 71 INT 706. Fairway buoy and channel buoy 3 and 4 temporarily removed.						
<b>106. India West Coast – New Mangalore.</b> Chart 22 217 258 272 293 2002 2052 INT 706. Hydrographic Survey from 01 Mar to 31 Mar 12 in area bounded by						
	(a)	12-40.0 N	074-36.3 E	(b)	12-40.0 N	074-54.0 E
	(c)	13-06.6 N	074-54.0 E	(d)	13-06.6 N	074-36.3 E
2.	Wide berth requested.					
3.	Cancel this message 010001 UTC Apr 12.					
<b>107. Cancel NAVAREA VIII 094/12 and this MSG.</b> Salaya channel marking buoy Mithapur re-established.						
<b>108. India West Coast- Gulf of Kachchh.</b> Charts 21 203 2068 INT 705. Salaya channel marking buoy GURUR temporarily removed.						
<b>109. India West Coast-Gulf of Khambhat.</b> Charts 21 208 209 254 292 2039 2102 INT 705. Following Vessels broken their anchors/cables in following positions						
	<b>VESSEL</b>	<b>POSITION</b>				
	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				
2.	Cancel NAVAREA VIII 095/12.					
<b>110. INDIA EAST COAST – BAY OF BENGAL.</b> Charts 32 33 356 INT 71 INT 706. Firing Practice between 0230 UTC to 1130 UTC from 01 Mar to 07 Mar and 15 Mar to 21 Mar 12.						
2.	Danger Zone 05 NM Radius around 13-50N 081-40E.					
3.	Safe flying height 3500 Metres.					
4.	Cancel this MSG 211230 UTC Mar 12.					
<b>111. India West Coast – Okha.</b> Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast Battery between 1030 UTC to 1230 UTC on 07 Mar 12.						
2.	Danger area from 300 Degree to 020 Degree up to 12 NM seaward from 22-28.11N 069-04.00E					
3.	Safe flying height 13000 Metres.					
4.	Cancel this MSG 071330 UTC Mar 12.					
<b>112. India East Coast-Vishakhapatnam.</b> 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 07 Mar 12.						
2.	Danger zone sector of 15 NM radius between 070 Degree and 130 Degree from 17-42N 083-18E.					
3.	Safe flying height 13000 Metres.					
4.	Cancel this MSG 071800 UTC Mar 12.					



**SECTION – VI**  
**CORRECTIONS TO SAILING DIRECTIONS (PILOTS)**

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

**West Coast of India Pilot (INP-1)**

**Chapter -7 (Page – 220)**

(Source: INS Investigator, JSW Jaigarh Port)

*Article 7.101*

Delete text “Chart 2011” and replace by “Chart 2011, 2105”

*Article 7.101, para 2, line 3*

Delete text “for vessels of about 3m draught” and replace by “Principle activities of the port is import and export of cargo”

*Article 7.101, insert after para 2*

2a Number of ships and tonnage handled per year – 100 ships per year with maximum of 120,000 DWT.

2b Maximum size of vessel handled – Vessel of 14m draught.

*Article 7.103, delete para 2 and replace by*

2 Foul ground and isolated rocks extend from tip of Jaigarh head to 2 cables S of breakwater light.

*Article 7.103, para 3*

Delete text “(1 mile NW of Narvan Point)” and replace by “(1.7 miles NE of breakwater light)”

*Article 7.103, insert after para 4*

5 JSW Jaigarh Port has constructed a breakwater (509m long, 10m wide). A light has been installed at the seaward end of the breakwater in position 17°18'.6N, 073°11'.6E with characteristics Fl (W) 20s

*Article 7.104, insert after para 2*

For entering JSW Jaigarh Port vessels are to settle at entering harbour course of 110° at the first set of buoys which is 1.85NM in direction 315° from Jaigarh light. The length of navigable channel is 3.3 NM approx where 9 lit channel buoys have been installed. Width of navigable channel is 200 m at first set of buoys. Width of turning circle inside the channel is 510m.

*Article 7.105, insert text at the end of para 1*

“Anchorage provides good holding ground and comprises of soft mud.

*Article 7.105, insert text at the end of para 3*

Two new berths have been constructed by JSW Jaigarh Port Limited. Length of berth no 1 and 2 are 295 m and 255m respectively.

Vessels are to use only polypropylene ropes for mooring. Steel wire ropes are to be used as spring lines only with 40 meter long polypropylene tails. During berthing/unberthing, the vessel propeller must have 90% immersion and trim not to exceed 1% of LOA. Fenders at the berth are 3.6 m above water level.

*Article 7.105, insert new para 4 and 5 after para 3*

4 **Pilotage** Pilot boards at position 17° 19'.9N, 73° 08'.3E JSW Jaigarh Port Control is authority for requesting pilot.

5 **Arrival Information** Master/shipping agents are to send 7/5/3/2 days and 24/12/06 hrs ETA notice to JSW port office by fax and email to the following:

(i) samuel.david@jsw.in

(ii) operations.jpl@jsw.in.

Filled copy of arrival information form has to be submitted by the master/shipping agent of the vessel at least 48 hrs before the arrival.

Pre Arrival Notification of Security (PANS) has to be submitted by the master/shipping agent of the vessel to the above email id at least 96 hrs before arrival. Copy of PANS be also submitted to Jaigarh Port office, pfso.jpl@jsw.in and

Indian Coast Guard

(Coast Guard Regional Head Quarters (West), (MRCC), Mumbai.

E-mail: indsar@vsnl.net

Tele- fax: 912224316558,

Telephone: 912224388065

*Article 7.106,*

Row (c), column Remarks, line 3

Delete text “channel 16” and replace by “channel 11/16”

*Article 7.106,*

Delete row (o) and replace by

(o)	Pollution Control	The port is MARPOL compliant and Maharashtra Pollution Control Board (MPCB) is the controlling authority.
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*Article 7.106, insert at the end of table*

(p)	Crane	Available at berth no 1 with ship unloader having discharge capacity of 40000 tons a day.
-----	-------	---

*Article 7.107b, delete and replace by*

Communication

7.107b

Port Radio – Ch 11, 24 hrs a day

Road – NH 17 (50 km)

Nearest Railhead – Ratnagiri (50 km)

Nearest Airport – Mumbai (350 km), Goa (250 km)

*Insert new articles after articles 7.107b*

7.107c

Places of interest near port- Ganpatiphule

7.107d

**Port Authority**

Capt SM David

Vice President,

Unit Head,

JSW Jaigarh Port Ltd

Post.Jaigarh, Dist- Ratnagiri,

Maharashtra – 415614

Tel: +91 2357 – 242551/52/53

Fax: +91 2357 242556

E-mail: Operations.jpl@jsw.in

Website: www.jsw.in

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

- Nil -



**SECTION – VIII**  
**CORRECTION TO LIST OF RADIO SIGNALS**

**INP 31(1), 2005**

*(Last correction: Edition No. 16 dated 16 Sep 2011)*

**NIL**

**INP 31(2), 2007**

*(Last correction: Edition No. 18 dated 16 Sep 11)*

**NIL**

**INP 31(5), 1997**

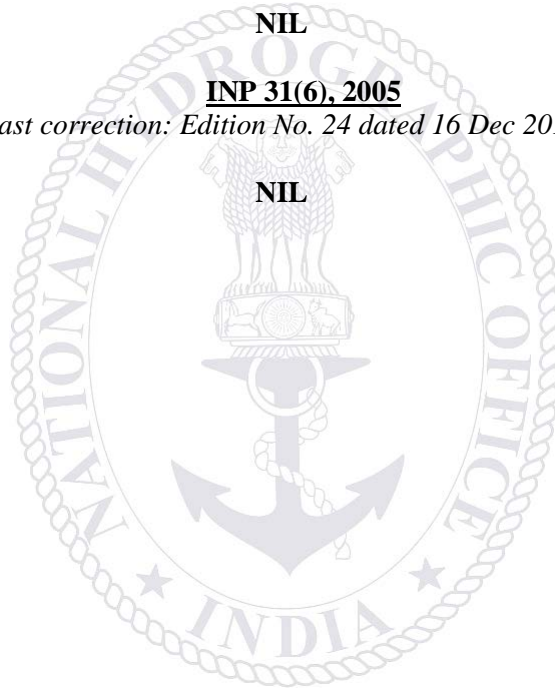
*(Last correction: Edition No. 07 dated 01 Apr 09)*

**NIL**

**INP 31(6), 2005**

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

**NIL**



## **SECTION – IX** **REPORTING OF NAVIGATIONAL DANGERS**

### **Appeal to all Mariners**

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

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

### **Instructions for filling up IH 102**

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

### **Position Reporting**

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

### **Depth Reporting**

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

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

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

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

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

I.H. 102

**HYDROGRAPHIC NOTE**

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

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

<b>(e) Port Information:</b>	
(i) Berthing	
(ii) Cranage	
(iii) Tugs	
(iv) Dry Docks	
(v) Repair Facilities	
(vi) Pilotage	
(vii) Fuel	
(viii) Water	
(ix) Any other (Specify)	
<b>(f) Environmental Data</b>	
(i) Met information	
(ii) Tides and Tidal Stream	
(iii) Pollutants	
(iv) Effluents	
(v) Marine Life / Habitats	
<b>(g) Other changes, if any, with Details:</b>	
<b>6. Information on the Positions of Danger / Changes Reported above:</b>	
(a) Positioning System used	
(b) Datum [WGS/Everest/ Local (Specify)]	
(c) Accompanying plots / photographs if any	
<b>7. Information on the Soundings / Depths Reported above:</b>	
(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	
<b>8. Limitations if any in Reporting the changes above</b>	

Filled By  
(Name & Designation)

Checked by  
(Name & Designation)

Place  
Date

**I.H. 102a****HYDROGRAPHIC NOTE FOR PORT INFORMATION****(For Reporting Changes to Port Information)**

<b>1 Name and Address of the Port.</b>	
(a) Name	
(b) Address	
(c) Phone No's	
(d) Web Site	
(e) E Mail	
<b>2 General Remarks</b>	
(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	
<b>3 Anchorages</b>	
(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	
<b>4 Pilotage</b>	
(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	
<b>5 Directions</b>	
(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)	
<b>6 Pollution Control</b>	
Local regulation in force (if any)	

<b>7 Tugs</b>	
(a) Number available/Type	
(b) Maximum HP/Bollard Pull	
(c) Requesting authority	
(d) Availability times	
(e) Communication with tugs	
(f) Hiring charges	
<b>8 Berthing and wharves</b>	
(a) Type & number of berths available	
(b) Length	
(c) Depth alongside	
(d) Facilities available	
(e) Procedure for requesting berth and hiring charges.	
<b>9 Cargo Handling</b>	
(a) Containers	
(b) Lighters	
(c) Roll on / Roll off etc.	
<b>10 Cranes</b>	
(a) Brief details max lifting capacity, height of boom at wharf level and outreach	
(b) Container handling facilities.	
<b>11 Bridges</b>	
Vertical clearance	
<b>12 Repairs</b>	
(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	
<b>13 Rescue and distress</b>	
(a) Salvage, lifeboats, life guards etc	
<b>14 Supplies</b>	
(a) Fuel (type and quantities available)	
(b) Fresh water and rate of supply	
(c) Provisions	
(d) Chart agents	
<b>15 Services</b>	
(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

*To accompany Indian Notice to Mariners 078/12*  
*Chart 2079*

**MUNDRA WEST & SOUTH BASIN**

Mariners are advised to refer large scale charts for further details.



**FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR**

**Email: [indsar@vsnl.net](mailto:indsar@vsnl.net)**

**NATION WIDE SAR TELE: 1554 (LAND LINE)**

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

**AFTN: VABBYXYC**