



INDIAN NOTICES TO MARINERS



EDITION NO. 10 DATED 16 MAY 2012

(CONTAINS NOTICES 127 TO 131)

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

FEEDBACK: msis-inho-navy@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**



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 newly published Indian Charts, ENC_s and Publications:-

-Nil-

2. 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
2009	BETUL ANCHORAGE	30,000	New Edition
	BELEKERI ANCHORAGE	30,000	New Edition
2086	APPROACHES TO PORT LOUIS	37,500	New Edition
	PORT LOUIS	12,500	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 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 127 to 131 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	128
32 (INT 754)	5	128
211	3	131
217	3	127
220	3	128
223	4	129
222	3	129
258 (INT 7348)	3	127
259 (INT 7356)	3	128
260 (INT 7362)	3	128, 129
261	4	129
262	4	129
263 (INT 7383)	4	129
272	4	127
293 (INT 7022)	3	127
2002 (INT 7351)	3	127
2029 (INT 7358)	3	128
2048	3	129
2052 (INT 7350)	3	127
3010 (INT 7418)	5	130
7706 (INT 706)	1	128

SECTION – II
PERMANENT NOTICES

***127/(10/12) INDIA – WEST COAST – Approaches to New Mangalore – SPM. Submarine Pipeline. Legend. Cautionary Note.**

Source: Mangalore Refinery and Petrochemicals Limited.

(HJ/1030/25)

Chart 293 (INT7022) [previous update 060/12]


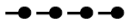
Insert  SPM (a) 12° 54'·00N., 74° 39'·00E.
submarine pipeline, , joining: (a) above
12° 54'·56N., 74° 48'·61E. (Shore)

Chart 272 [previous update 096/12] WGS84 Datum


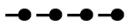
Insert  SPM (a) 12° 54'·00N., 74° 39'·00E.
submarine pipeline, , joining: (a) above
12° 54'·56N., 74° 48'·61E. (Shore)

Chart 258 (INT7348) [previous update 096/12]



Insert  SPM (a) 12° 53'·93N., 74° 39'·05E.
submarine pipeline, , joining: (a) above
(b) 12° 54'·49N., 74° 48'·66E. (Shore)
legend, “Oil (See Note)”, along: (a) – (b) above
Accompanying note, “OIL PIPELINES”, centered on: 13° 18'·75N., 75° 14'·50E.

Chart 217 [previous update 096/12]





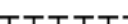



Insert  SPM (a) 12° 53'·93N., 74° 39'·05E.
Mo(U)15s10M
Horn Mo(U)30s
submarine pipeline, , joining: (a) above
(b) 12° 54'·49N., 74° 48'·66E. (Shore)
legend, “Oil (See Note)”, along: (a) – (b) above
Accompanying note, “OIL PIPELINES”, centered on: 13° 20'·20N., 74° 51'·40E.

Chart 2052 (INT7350) [previous update 258/10]

Insert  SPM (a) 12° 54'·00N., 74° 39'·00E.
Mo(U)15s10M
Horn Mo(U)30s
submarine pipeline, , joining: (a) above
(b) 12° 54'·56N., 74° 48'·61E. (Shore)
legend, “Oil (See Note)”, along: (a) – (b) above
clockwise circular limit, , radius 500m,
centered on (a) above, joining: (c) 12° 53'·88N., 74° 39'·25E.
(d) 12° 54'·15N., 74° 39'·23E.
limit of anchoring prohibited area, ,
joining: (c) above
12° 54'·43N., 74° 48'·63E. (Shore)
and
12° 54'·70N., 74° 48'·57E. (Shore)
(d) above
Accompanying note, “OIL PIPELINES”, centered on: 13° 01'·70N., 74° 51'·10E.

***127/(10/12) INDIA – WEST COAST – Approaches to New Mangalore – SPM. Submarine Pipeline. Legend. Cautionary Note. (Continued)**

Chart 2002 (INT7351) [previous update 191/10]

Insert	submarine pipeline,  , joining:	(a)	12° 54′.28N.,74° 43′.70E. (W Border)
		(b)	12° 54′.56N.,74° 48′.61E. (Shore)
	legend, “Oil (See Note)”, along:		(a) – (b) above
	limit of anchoring prohibited area,  ,		
	joining:		12° 54′.14N.,74° 43′.70E. (W Border)
			12° 54′.43N.,74° 48′.63E. (Shore)
			and
			12° 54′.70N.,74° 48′.57E. (Shore)
			12° 54′.41N.,74° 43′.70E. (W Border)
	Accompanying note, “OIL PIPELINES”, centered on:		12° 58′.00N.,74° 49′.40E.

***128/(10/12) INDIA – WEST COAST – Manakkodam Westwards – Wreck.**

Source: INS Sarvekshak.

(HJ/0930/94)

Chart 22 (INT752) [previous update 268/11]

Insert  9° 44′.90N.,75° 59′.96E.

Chart 32 (INT754) [previous update 117/11]

Insert  9° 44′.90N.,75° 59′.96E.

Chart 259 (INT7356) [previous update 106/12]

Insert  9° 44′.90N.,75° 59′.96E.

Chart 260 (INT7362) [previous update 106/12]

Insert  9° 44′.90N.,75° 59′.96E.

Chart 220 [previous update 099/12]

Insert  9° 44′.90N.,75° 59′.96E.

Chart 2029 (INT7358) [previous update 106/12]

Insert  9° 45′.00N.,75° 59′.90E.

Chart 7706 (INT706) [previous update 190/11]

Insert  9° 44′.90N.,75° 59′.96E.

***129/(10/12) INDIA – SOUTH WEST COAST – Muttam Point South-westwards – Crocodile Rock – Wreck.**

Source: INS Nirdeshak, RoS G(N) – 205.

(HJ/0930/82)

Chart 260 (INT7362) [previous update 128/12]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

Chart 261 [previous update NE 31 Mar 2011]

Insert  Masts 8° 04′.99N.,77° 17′.18E.

Chart 262 [previous update 053/12]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

Chart 263 (INT7383) [previous update 151/11]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

Chart 222 [previous update 262/10]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

Chart 223 [previous update 262/10]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

Chart 2048 [previous update 080/10]

Insert  Masts 8° 04′.90N.,77° 17′.23E.

***130/(10/12) INDIA – EAST COAST – Paradip Port – Anchorage Area. Legend**

Source: IHQ MoD (Navy).

*(HJ/1129/03)***Chart 3010 (INT 7418) [previous update 108/12]**



Insert circular limit of anchorage area ,
 radius 0.5NM, centered on: (a) 20° 13′.00N.,86° 41′.00E.
 legend, “*Examination Anchorage*”, centered on: (a) above

Chart 3010 (INT 7418) Plan [previous update 108/12]

Insert semicircular limit of anchorage area ,
 radius 0.5NM, centered on: 20° 13′.00N.,86° 41′.00E. (S Border)
 legend, “*Examination Anchorage*”, centered on: 20° 13′.17N.,86° 41′.00E.

***131/(10/12) Miscellaneous Correction**

Source: NHO Dehradun.

Chart 211 [previous update 122/12]Amend ***Refer INM 122/(10/12)***, previous update to be read as *NE 31 Dec 2011*.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

NIL



SECTION – IV **MARINE INFORMATION**

1. **NAVTEX TRANSMISSION**

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

(Source – DG Shipping)

2. **MISIDENTIFYING FISHING BOATS AS PIRATE SKIFFS**

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

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN SOME ECDIS**

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

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

(Source - NAVAREA VIII Warning 141/12)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: 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

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 May 12.

2011 SERIES – 225 442 596 708

2012 SERIES – 024 037 091 121 154 224 226 227 243 245 254 257 260 261 262 263 264 266
269 270 271 272 273

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

<p>239. India West Coast – Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Firing by Naval Coast Battery between 1030 UTC to 1230 UTC on 08 May 12.</p> <p>2. Danger area from 300 degree to 020 degree up to 12 NM Seaward from 22-28.03N 069-04.98E.</p> <p>3. Safe flying height 13000 metres.</p> <p>4. Cancel this MSG 081330 UTC May 12.</p>																									
<p>240. India East Coast - Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 07 May to 10 May, 16 Mar to 19 May 12 and 30 May to 02 Jun 12 in area bounded by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 19-14.60N</td> <td style="width: 25%;">084-53.70E</td> <td style="width: 25%;">(b) 19-37.05N</td> <td style="width: 25%;">085-27.87E</td> </tr> <tr> <td>(c) 18-46.05N</td> <td>085-22.87E</td> <td colspan="2"></td> </tr> </table> <p>And arc of 41 NM radius joining point (b) and (c).</p> <p>2. Safe flying height 7000 metres.</p> <p>3. Cancel this MSG 021900 UTC Jun 12.</p>	(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E	(c) 18-46.05N	085-22.87E																			
(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E																						
(c) 18-46.05N	085-22.87E																								
<p>241. India East Coast-Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706.rig list. Correct at 011003 UTC May 12.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">DHIRUBHAI DEEPWATER KG-1</td> <td style="width: 25%;">20-00.13N</td> <td style="width: 25%;">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>17-48.50N</td> <td>084-16.50E</td> </tr> <tr> <td>ABAN II</td> <td>16-39.13N</td> <td>082-22.73E</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.</p> <p>2. Cancel NAVAREA VIII 229/12.</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	17-48.50N	084-16.50E	ABAN II	16-39.13N	082-22.73E	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	17-48.50N	084-16.50E																							
ABAN II	16-39.13N	082-22.73E																							
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>242. India East Coast- Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR Launch Complex between 0200 UTC to 0500 UTC on 08 May and 09 May 12. Danger zone bounded by</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 20-46.51N</td> <td style="width: 25%;">087-00.58E</td> <td style="width: 25%;">(b) 19-24.33N</td> <td style="width: 25%;">086-57.83E</td> </tr> <tr> <td>(c) 16-55.75N</td> <td>088-31.93E</td> <td>(d) 17-13.31N</td> <td>089-12.15E</td> </tr> <tr> <td>(e) 17-37.20N</td> <td>089-48.75E</td> <td>(f) 20-10.67N</td> <td>088-23.33E</td> </tr> <tr> <td>(g) 20-49.76N</td> <td>087-06.57E</td> <td>(h) 20-46.51N</td> <td>087-00.58E</td> </tr> </table> <p>2. Caution advised.</p> <p>3. Cancel this MSG 090600 UTC May 12.</p>	(a) 20-46.51N	087-00.58E	(b) 19-24.33N	086-57.83E	(c) 16-55.75N	088-31.93E	(d) 17-13.31N	089-12.15E	(e) 17-37.20N	089-48.75E	(f) 20-10.67N	088-23.33E	(g) 20-49.76N	087-06.57E	(h) 20-46.51N	087-00.58E									
(a) 20-46.51N	087-00.58E	(b) 19-24.33N	086-57.83E																						
(c) 16-55.75N	088-31.93E	(d) 17-13.31N	089-12.15E																						
(e) 17-37.20N	089-48.75E	(f) 20-10.67N	088-23.33E																						
(g) 20-49.76N	087-06.57E	(h) 20-46.51N	087-00.58E																						
<p>243. Cancel NAVAREA VIII 240/12. India East Coast - Gopalpur. Charts 31 352 353 391 3005 INT 706. firing by Army</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Date</td> <td style="width: 50%;">Time</td> </tr> <tr> <td>(a) 07 May-10 May 12</td> <td>2330 UTC TO 1800 UTC</td> </tr> <tr> <td>(b) 16 May-19 May 12</td> <td>2330 UTC TO 1800 UTC</td> </tr> </table> <p>2. Danger area bounded by:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">(a) 19-14.60N</td> <td style="width: 25%;">084-53.70E</td> <td style="width: 25%;">(b) 19-37.05N</td> <td style="width: 25%;">085-27.87E</td> </tr> <tr> <td>(c) 18-46.05N</td> <td>085-22.87E</td> <td colspan="2"></td> </tr> </table> <p>And Arc of 41 NM radius joining point (b) and (c).</p> <p>3. Safe flying height 7000 Metres.</p> <p>4. Cancel this MSG 191900 UTC May 12.</p>	Date	Time	(a) 07 May-10 May 12	2330 UTC TO 1800 UTC	(b) 16 May-19 May 12	2330 UTC TO 1800 UTC	(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E	(c) 18-46.05N	085-22.87E													
Date	Time																								
(a) 07 May-10 May 12	2330 UTC TO 1800 UTC																								
(b) 16 May-19 May 12	2330 UTC TO 1800 UTC																								
(a) 19-14.60N	084-53.70E	(b) 19-37.05N	085-27.87E																						
(c) 18-46.05N	085-22.87E																								

244. Cancel NAVAREA VIII 242/12.and this MSG.

245. Bay of Bengal-Northern Part. Charts 31 360 361 INT 706.Firing by Bangladesh Navy Ships Between 0030 UTC and 1730 UTC daily till 31 May 12 in following areas

Area – A

(a)	21-20.8N	090-34.0E	(b)	21-41.0N	091-14.0E
(c)	21-20.8N	091-28.0E	(d)	21-00.0N	090-47.8E

Area – B

(a)	20-46.0N	090-00.0E	(b)	20-58.0N	090-17.0E
(c)	20-40.0N	090-38.0E	(d)	20-28.0N	090-22.0E

Area – D

(a)	20-07.0N	090-52.0E	(b)	20-22.0N	091-06.0E
(c)	20-00.0N	091-36.0E	(d)	19-44.0N	091-21.0E

Area – D-1

(a)	20-22.0N	091-06.0E	(b)	20-46.5N	091-31.0E
(c)	20-24.0N	091-59.0E	(d)	20-00.0N	091-36.0E

Area – E

(a)	21-18.0N	089-31.0E	(b)	21-18.0N	089-50.0E
(c)	21-04.0N	089-54.0E	(d)	21-04.0N	089-34.0E

Area – F

(a)	20-58.0N	089-34.0E	(b)	20-58.0N	089-54.0E
(c)	20-34.0N	089-54.0E	(d)	20-34.0N	089-34.0E

2. Safe flying heights for Area-B, Area-D and Area-E is 12000 metres and for Area-A, Area-D-1 and Area-F is 3000 metres.

3. Cancel this MSG 311830 UTC May 12.

246. India West Coast- Off Belekeri. Charts 22 215 216 257 293 INT 705.Offshore observations will be carried out from 10 May to 12 May 12 in area bounded by

(a)	14-19.30N	073-56.50E	(b)	14-24.25N	074-13.00E
(c)	14-37.00N	074-05.50E	(d)	14-32.60N	073-56.50E

2. Wide berth requested.

3. Cancel this MSG 130001 UTC May 12.

247 Cancel NAVAREA VIII 234/12 and this MSG. INM 124/12 Refers.

248. India West Coast-Arabian Sea. Charts 21 22 208 209 211 254 292 293 INT 705 INT 706.Rig list. Correct at 031004 UTC May 12.

ABAN ICE	18-31.91N	071-21.11E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	20-55.06N	071-31.00E
BADRINATH	19-11.16N	070-39.66E
DEEP SEA FOSSIL	20-55.01N	072-32.48E
DEEP SEA FORTUNE	20-40.05N	072-13.03E
DISCOVERY-1	20-43.00N	072-19.06E
ENERGY DRILLER	18-46.03N	071-25.41E
GREATDRILL CHITRA	19-39.33N	071-17.56E
JT ANGEL	19-36.73N	071-24.00E
KEDARNATH	20-22.31N	071-28.48E
NOBLE KENNETH DELANEY	18-55.50N	072-02.48E
NOBLE CHARLIE YESTER	19-18.21N	071-15.95E
NOBLE ED HOLT	18-41.46N	072-20.88E
RON TAPMEYER	19-34.15N	071-25.11E
SAGAR GAURAV	19-16.81N	072-11.73E
SAGAR KIRAN	18-37.00N	072-41.00E
SAGAR LAXMI	18-36.15N	071-01.63E
SAGAR PRAGATI	18-32.26N	072-15.43E
SAGAR SHAKTI	19-10.40N	071-26.43E
TRIDENT – 2	19-16.00N	072-12.00E
TRIDENT – 12	18-39.28N	070-58.85E
VIRTUE 1	19-05.33N	072-06.88E

Wide berth requested.

2. Cancel NAVAREA VIII 236/12.

249.	India East Coast-Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706.Rig list. Correct at 031005 UTC May 12		
	ABAN II	16-39.13N	082-22.73E
	DEEP DRILLER-1	16-40.12N	082-27.50E
	DEEP SEA MATDRILL	16-16.28N	081-43.51E
	DHIRUBHAI DEEPWATER KG-1	20-00.13N	088-24.17E
	GSF-140	16-31.68N	082-28.43E
	MG HULME JR	16-35.72N	082-27.09E
	PLATINUM EXPLORER	17-28.34N	085-14.18E
	Wide berth requested.		
2.	Cancel NAVAREA VIII 241/12.		
250.	Andaman Sea - Off Port Blair. Charts 41 404 405 473 4006 4016 INT 706.Firing by Naval Coast Battery from 0530 UTC to 0830 UTC on 09 May 12 in area bounded by		
	(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
2.	Safe flying height 9000 metres.		
3.	Cancel this MSG 090930 UTC May 12.		
251.	Cancel NAVAREA VIII 113/12 and this MSG.		
252.	NAVAREA VIII-MESSAGES IN FORCE AS ON 041003 UTC MAY 12		
	2011 Series: - 225 442 596 708		
	2012 Series: - 024 037 091 121 154 176 224 226 227 228 237 239 243 245 246 248 249 250 251		
	(a) NAVAREA VIII Warnings less than 42 days old (176/12 onward) are promulgated via Safety NET.		
	(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in.		
	(c) Texts of NAVAREA VIII warnings are also printed in Section V of fortnightly editions of Indian Notices to Mariners.		
2.	Cancel this MSG 111001 UTC May 12.		
253.	India West Coast - Trivandrum. Charts 22 32 222 260 INT 706. RH 200 Rocket launch from Thumba equatorial Rocket Launching Station 08-31.98N 076-52.05E between 1230 UTC to 1430 UTC on 11 May 12.		
2.	Danger zone - Sector of radius 16 NM from launcher between azimuth angles 190 degree and 300 degree.		
3.	Cancel this MSG 111530 UTC May 12.		
254.	India East Coast-Bay of Bengal. Charts 31 32 33 308 354 355 391 INT 706.Rig list. Correct at 041105 UTC May 12.		
	ABAN II	16-39.13N	082-22.73E
	DEEP DRILLER-1	16-40.12N	082-27.50E
	DEEP SEA MATDRILL	16-16.28N	081-43.51E
	DHIRUBHAI DEEPWATER KG-1	20-00.13N	088-24.17E
	GSF-140	16-31.68N	082-28.43E
	MG HULME JR	16-35.72N	082-27.09E
	PLATINUM EXPLORER	17-48.30N	084-47.16E
	WIDE BERTH REQUESTED		
2.	Cancel NAVAREA VIII 249/12.		
255.	Indian Ocean-Western Part (.) Charts INT 71 INT 72 INT 703 (.) Piracy (.) M/V attacked in vicinity		
	(a) 08-08N 056-18E AT 070350 UTC MAY 12		
	(b) 08-05N 056-18E AT 070405 UTC MAY 12		
2.	Caution advised.		
3.	Cancel this MSG 100405 UTC May 12.		
256.	Indian Ocean – Off Reunion Island (.) Charts INT 70 INT 71 INT 700 INT 735 (.) Missile firing exercise from 092000 UTC to 111959 UTC May 12 in area bounded by		
	(a) 22-45S	054-45E	(b) 22-45S 056-40E
	(c) 24-20S	056-40E	(d) 24-20S 054-45E
2.	Cancel this MSG 120001 UTC May 12.		
257.	India West Coast-Arabian Sea (.) Charts 21 22 208 209 211 254 292 293 INT 705 INT 706 (.) Rig list (.) correct at 071003 UTC May 12.		
	ABAN ICE	18-31.91N	071-21.11E
	ABAN III	19-11.98N	072-11.00E
	ABAN IV	19-40.40N	071-19.38E
	ABAN VII	20-21.14N	071-48.46E

257. Continue.			
BADRINATH	19-11.16N	070-39.66E	
DEEP SEA FOSSIL	20-55.01N	072-32.48E	
DEEP SEA FORTUNE	20-40.05N	072-13.03E	
DISCOVERY-1	20-43.00N	072-19.06E	
ENERGY DRILLER	18-46.03N	071-25.41E	
GREATDRILL CHITRA	19-39.33N	071-17.56E	
JT ANGEL	19-36.73N	071-24.00E	
KEDARNATH	20-22.31N	071-28.48E	
NOBLE KENNETH DELANEY	18-55.50N	072-02.48E	
NOBLE CHARLIE YESTER	19-18.21N	071-15.95E	
NOBLE ED HOLT	18-41.46N	072-20.88E	
RON TAPMEYER	19-34.15N	071-25.11E	
SAGAR GAURAV	19-16.81N	072-11.73E	
SAGAR KIRAN	18-37.00N	072-41.00E	
SAGAR LAXMI	18-36.15N	071-01.63E	
SAGAR PRAGATI	18-32.26N	072-15.43E	
SAGAR SHAKTI	19-10.40N	071-26.43E	
TRIDENT – 2	19-16.00N	072-12.00E	
TRIDENT – 12	18-39.28N	070-58.85E	
VIRTUE 1	19-05.33N	072-06.88E	
Wide berth requested.			
2. Cancel NAVAREA VIII 248/12.			
258. Cancel NAVAREA VIII 228/12 and this MSG (.) Narmada channel marking Buoy NO 4 re-established.			
259. India West Coast- Gulf of Kachchh (.) Charts 21 2068 INT 705 (.) Salaya channel marking Buoy DHANI temporarily removed.			
260. Indian Ocean-Western Part (.) Charts INT 71 INT 701 INT 702 INT 703 (.) Cable system installation in progress by ILE DE SEIN (FOUD) along line joining following points			
(a)	06-45.64S	039-15.69E	(b) 06-43.24S 039-16.12E (c) 06-41.93S 039-20.30E
(d)	06-33.38S	040-29.87E	(e) 06-28.71S 040-35.54E (f) 06-30.84S 041-03.77E
(g)	05-05.84S	049-35.93E	(h) 04-29.63S 053-38.95E (j) 04-39.97S 053-42.77E
(k)	04-56.19S	053-54.23E	(l) 04-58.15S 054-08.54E (m) 05-05.69S 054-34.55E
(n)	05-04.26S	054-42.05E	(p) 04-56.19S 054-50.80E (q) 04-46.94S 055-05.49E
(r)	04-43.72S	055-11.53E	(s) 04-39.52S 055-19.54E (T) 04-36.09S 055-24.06E
(u)	04-36.39S	055-25.37E	(v) 04-36.48S 055-25.62E (W) 04-36.57S 055-25.88E
2. 01 NM berth requested.			
261. India East Coast - Gopalpur (.) Charts 31 352 353 391 3005 INT 706 (.) Firing by Army between 2330 UTC to 1800 UTC daily from 14 May to 16 May 12 in area bounded by			
(a)	19-14.60N	084-53.70E	(b) 19-37.05N 085-27.87E
(c)	18-46.05N	085-22.87E	
And arc of 41 NM radius joining point (b) and (c)			
2. Safe flying height 7000 Metres.			
3. Cancel this MSG 161900 UTC May 12.			
262. India East Coast – Bay of Bengal (.) Charts 32 33 356 INT 71 INT 706 (.) Firing between 0230 UTC and 1130 UTC from 15 May to 21 May and 01 Jun to 07 Jun 12.			
2. Danger zone 05 NM radius around 13-50N 081-40E.			
3. Safe flying height 3500 Metres.			
4. Cancel this MSG 071230 UTC Jun 12.			
263. India East Coast – Paradip (.) Chart 31 352 3010 INT 706 (.) Hydrographic Survey from 09 May to 10 Jun 12 in area bounded by			
(a)	19-53N	086-31E	(b) 19-53N 086-53E
(c)	20-23N	086-53E	(d) 20-23N 086-31E
2. 02 NM berth requested.			
3. Cancel this message 110001 UTC Jun 12.			
264. Andaman Sea-Northern Part (.) Charts 41 451 INT 706 (.) Survey Vessel MV Mariner will carry out Geotechnical site investigation Survey till 26 May 12 in following areas			
Area (A)			
(a)	15-26.43N	095-12.94E	(b) 15-26.43N 095-14.06E
(c)	15-25.35N	095-14.06E	(d) 15-25.34N 095-12.94E

264. Continue.**AREA (B)**

(a)	15-25.14N	095-12.16E	(b)	15-25.14N	095-13.28E
(c)	15-24.06N	095-13.28E	(d)	15-24.05N	095-12.16E

AREA (C)

(a)	15-25.84N	095-15.26E	(b)	15-25.84N	095-16.38E
(c)	15-24.76N	095-16.38E	(d)	15-24.76N	095-15.27E

AREA (D)

(a)	15-25.15N	095-16.90E	(b)	15-25.16N	095-18.02E
(c)	15-24.07N	095-18.02E	(d)	15-24.07N	095-16.90E

AREA (E)

(a)	15-28.03N	095-17.26E	(b)	15-28.03N	095-18.38E
(c)	15-26.95N	095-18.38E	(d)	15-26.94N	095-17.26E

AREA (F)

(a)	14-02.69N	095-48.08E	(b)	14-02.69N	095-50.30E
(c)	14-00.52N	095-50.30E	(d)	14-00.52N	095-48.08E

AREA (G)

(a)	14-25.62N	096-00.88E	(b)	14-25.62N	096-03.11E
(c)	14-23.45N	096-03.11E	(d)	14-23.45N	096-00.88E

AREA (H)

(A) 14-09.56N	095-50.30E	(B) 14-09.56N	095-52.52E
(C) 14-07.39N	095-52.52E	(D) 14-07.39N	095-50.30E

2. Wide berth of 03 NM around the areas requested.

3. Cancel this MSG 270001 UTC May 12.

265. India East Coast – Pondicherry (.) Charts 32 357 3003 INT 706 (.) Pondicherry lighthouse DGPS off air.

266. India West Coast- Off Beypore (.) Charts 22 258 259 268 272 INT 706 (.) Seismic survey by MV Mezen from 12 May to 31 May 12 in area bounded by

(a)	11-11N	073-40E	(b)	11-17N	075-06E
(c)	11-31N	075-34E	(d)	09-46N	075-20E
(e)	09-57N	073-54E			

2. The vessel will be towing 01 Seismic cable of length 07 NM (.) End marked with Yellow tail Buoy and white flashing light.

3. Wide berth of 7.5 NM astern and 03 NM abeam the vessel requested.

4. Cancel this MSG 010001 UTC Jun 12.

267. Arabian Sea- Southern Part (.) Charts INT 71 INT 72 INT 703 (.) Piracy (.) M/V Attacked 10-40N 060-04E at 091000 UTC May 12.

2. Caution advised.

3. Cancel this MSG 121000 UTC May 12.

268. Cancel NAVAREA VIII 265/12 and this MSG (.) Pondicherry DGPS on AIR.

269. Kenya - Off Mombasa (.) Charts 8008 INT 70 INT 71 INT 701 (.) Cable ship Chamarel will carry out submarine cable operations from 12 May 12 in area centered AT 04-04.96S 039-42.22E

2. Wide berth of 02 NM around the vessel requested.

270. NAVAREA VIII-Messages in force as on 111002 UTC May 12

2011 Series: - 225 442 596 708

2012 Series: - 024 037 091 121 154 224 226 227 243 245 246 253 254 256 257 259 260
261 262 263 264 266 267 268 269

(a) NAVAREA VIII warnings less than 42 days old (224/12 onward) are promulgated via SafetyNET

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

(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners

2. Cancel This MSG 181001 UTC May 12.

271. Indian Ocean – Off Reunion Island (.) Charts INT 70 INT 71 INT 72 INT 702 INT 735 (.) Naval Gunnery exercise from 140700 UTC to 141200 UTC May 12 in area bounded by

(a)	21-12.0S	054-57.0E	(b)	21-26.0S	055-02.5E
(c)	21-31.2S	054-47.4E	(d)	21-17.2S	054-42.0E

2. Cancel this MSG 141400 UTC May 12.

- | | | | | | |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|--------|--------|
| 272. | India West Coast – Mormugao (.) Chart 22 293 INT 705 INT 706 (.) Firing by Naval Aircraft from 140330 UTC to 141130 UTC May 12 in area bounded by | | | | |
| (a) | 15-44N | 72-54E | (b) | 15-53N | 73-12E |
| (c) | 14-58N | 73-38E | (d) | 14-50N | 73-19E |
| 2. | Safe flying height 9500 metres. | | | | |
| 3. | Cancel this MSG 141230 UTC May 12. | | | | |
| 273. | Cancel NAVAREA VIII 259/12 and this MSG (.) Salaya channel marking Buoy Dhani re-established. | | | | |



6.1

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

- Nil -

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7384-65	Yasat Ali	24 22.42 N 52 00.86 E	Fl WR10s	30	W20 R16	Yellow tower on multi piled base with jetty 32	<i>fl 0-2.</i> W185°-350°(165°), R350°-185°(195°)
	- Emergency light	..	..	..	W12 R10		
	- Range light	..	Fl G 10s	30	14	..	<i>fl 1.</i> Vis 225°-231°(6°)
	- Base jetty. Port	..	Q R 1s	8	5	..	<i>fl 0-3</i>
	- - Starboard	..	Q G 1s	8	5	..	<i>fl 0-3</i>
	-	..	AIS	..	..	..	MMSI No 994701040
*	*	*	*	*	*	*	*
D7406-5	- Khawr Al Qulay'ah. Cable beacon	26 13.82 N 50 36.28 E	Fl Y	..	3	□ on yellow beacon	Marks power cable
*	*	*	*	*	*	*	*
D7406-6	- Khawr Al Qulay'ah. Fountain	26 15.21 N 50 35.90 E	Q R	5	..	On fountain	
	*	*					
D7680	Ra's-e Nāy Band	27 21.73 N 52 36.42 E	Fl W 5s	29	15		
		*					
D7719	Remove from list						
F1202.8	Andaman Strait. Baratang Island. Near S end	12 04.90N 92 47.60E	Fl W 5s	54	8	White metal framework tower, black band 14	<i>fl 0-5.</i> Vis 216°-006° (150°)
							*
F1222.8	Tillanchang Island	8 28.30N 93 37.00E	Fl W 10s	24	25	White framework tower with black bands	*
							*
F1224.1	-Kabra Island	7 17.30N 93 50.30E	Fl(3)W 20s	12	20	White framework tower, black bands 12	*
							*
F9527-45	DAWJ-1	4 50.63 N 114 33.57 E	Mo(U)W 10s	..	..	Platform	
*	*	*	*	*	*	*	*
K1150	- Sangkapura (Kr Julpuk Tengah-Bawean). Pier. Near root (ID)	5 51.32 S 112 39.15 E	LFl W 5s	21	10	White metal framework tower 20	<i>fl 2</i>

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), 2011

(Last correction: Edition No. 09 dated 01 May12)

NIL

INP 31(6), 2005

(Last correction: Edition No. 09 dated 01 May 2012)

NIL



SECTION – IX **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

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

Depth Reporting

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

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

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

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

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

I.H. 102

HYDROGRAPHIC NOTE

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

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

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

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

To accompany Indian Notice to Mariners 127/12

Chart 258(INT7348)

OIL PIPELINES

Oil pipelines contain flammable material under high pressure. Any ship damaging a pipeline could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines.

To accompany Indian Notice to Mariners 127/12

Chart 217

OIL PIPELINES

Oil pipelines contain flammable material under high pressure. Any ship damaging a pipeline could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines.

To accompany Indian Notice to Mariners 127/12

Chart 2052(INT7350)

OIL PIPELINES

Oil pipelines contain flammable material under high pressure. Any ship damaging a pipeline could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines.

To accompany Indian Notice to Mariners 127/12

Chart 2002(INT7351)

OIL PIPELINES

Oil pipelines contain flammable material under high pressure. Any ship damaging a pipeline could face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of pipelines.



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

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