



INDIAN NOTICES TO MARINERS



EDITION NO. 09 DATED 01 MAY 2010

(CONTAINS NOTICES 131 TO 147)

REACH US 24 x 7



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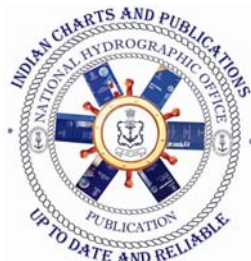
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INSIST ON INDIAN CHARTS AND
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II

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 short comings 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 INT 1 (5020).
- (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 over loading 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.

SECTION – I

The list of charts affected by the Notices 131 to 147 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	132,135,137
202	2	131,134
203(INT7319)	2	145(T),146(T)
204	2	131,132,134,135
205	2	135
207	2	137
208	2	136
212	3	140
200	2	144
221	3	141
225	1	147(P)
250	2	144
252(INT7325)	2	131,132,133,134,135
253(INT7328)	2	133,137
254(INT7331)	2	137
256(INT7340)	3	140
259(INT7356)	3	141
260(INT7362)	3	141
263(INT7383)	4	147(P)
264	4	147(P)
271	2	131,132,133,134
291	2	131,132,134
292(INT7021)	2	131,132,134,135,137
293(INT7022)	3	140
308	5	142
354(INT7408)	5	142
2011	3	140
2032	3	141
2044	2	136
2049	2	144
2050	2	144
2057	2	138
2060	2	146(T)
2063	1	147(P)
2068	2	145(T),146(T)
2079	2	146(T)
2081	2	137,139
3002(INT7410)	5	142
8012	1	143
8013	1	143

SECTION – II
PERMANENT NOTICES

***131/(09/10) INDIA – WEST COAST – Jakhau to Dwarka – Wreck.**

Source: INS Sutlej RoS A(N) -250.

(HJ/1131/21)

Chart 291 [previous update 344/09]

Insert  22° 05′.41N, 68° 56′.09E.

Chart 292(INT 7021) [previous update 055/10]

Insert  22° 05′.41N, 68° 56′.09E.

Chart 271 [previous update 066/10]

Insert  22° 05′.41N, 68° 56′.09E.

Chart 252(INT 7325) [previous update 280/09]

Insert  22° 05′.41N, 68° 56′.09E.

Chart 202 [previous update 278/09]

Insert  22° 05′.41N, 68° 56′.09E.

Chart 204 [previous update 385/09]

Insert  22° 05′.41N, 68° 56′.09E.

***132/(09/10) INDIA - WEST COAST – Dwarka to Navibandar - Wreck.**

Source: INS Sutlej RoS A(N) -250.

(HJ/1131/20)

Wreck of DHOW AL SAMA

Chart 21 [previous update 041/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

Chart 291 [previous update 131/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

Chart 292 (INT 7021) [previous update 131/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

Chart 271 [previous update 131/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

Chart 252 (INT 7325) [previous update 131/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

Chart 204 [previous update 131/10]

Substitute  for  PA 22° 00′.0N., 069° 01′.0E.

***133/(09/10) INDIA – WEST COAST – Navibandar to Veraval – Depth.**

Source: NHO Dehradun.

(HJ/1131/10)

Chart 271 [previous update 132/10]

Insert depth, 405 21° 01′.0N., 69° 04′.5E.

Chart 252(INT7325) [previous update 132/10]

Substitute depth, 405 for 284 21° 01′.0N., 69° 04′.5E.


Chart 253(INT7328) [previous update 117/10]

Substitute depth, 405 for 284 21° 01′.0N., 69° 04′.5E.

***134/(09/10) INDIA – WEST COAST – Jakhau to Dwarka – Wrecks.**

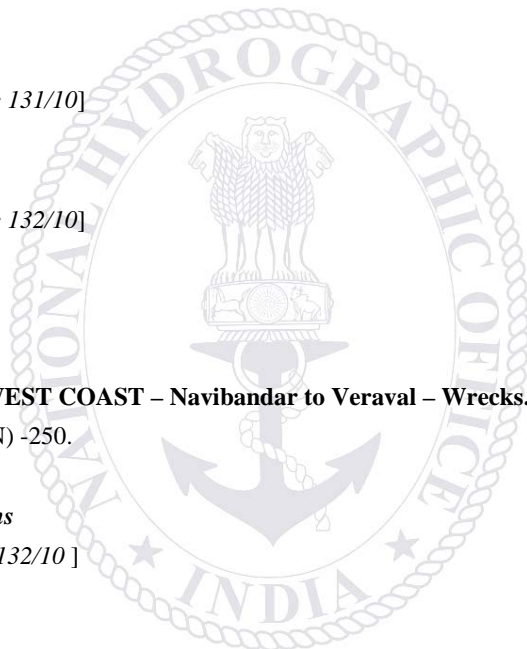
Source: INS Sarveshak ROS A(N) -243

(HJ/1131/21)

Wreck of Tug Akash**Chart 291** [previous update 132/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.**Chart 292(INT 7021)** [previous update 132/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.**Chart 271** [previous update 133/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.**Chart 252 (INT 7325)** [previous update 133/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.**Chart 202** [previous update 131/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.**Chart 204** [previous update 132/10]Insert  22° 08'·09N, 68° 55'·03E.Delete  22° 08'·40N, 68° 55'·40E.***135/(09/10) INDIA – WEST COAST – Navibandar to Veraval – Wrecks.**

Source: INS Sutlej RoS A(N) -250.

(HJ/1131/10)

Wreck of MV Mariam Trans**Chart 21** [previous update 132/10]Insert  21° 28'·36N., 69° 25'·32E.Delete  21° 28'·46N., 69° 24'·81E.**Chart 292 (INT 7021)** [previous update 134/10]Insert  21° 28'·36N., 69° 25'·32E.Delete  21° 28'·46N., 69° 24'·81E.**Chart 252 (INT 7325)** [previous update 134/10]Insert  21° 28'·36N., 69° 25'·32E.Delete  21° 28'·46N., 69° 24'·81E.**Chart 204** [previous update 134/10]Insert  21° 28'·36N., 69° 25'·32E.Delete  21° 28'·46N., 69° 24'·81E.**Chart 205** [previous update 208/09]Insert  21° 28'·36N., 69° 25'·32E.Delete  21° 28'·46N., 69° 24'·81E.

***136/(09/10) INDIA – WEST COAST – Gulf of Kachchh – Oil Derrick.**

Source: NHO Dehradun.

(HJ/1130/17)

Chart 208 [previous update 369/09]

Insert  Ru 21° 31'·00N., 72° 33'·20E.
Oil Derrick

Chart 2044 [previous update 306/09]

Insert  Ru 21° 31'·00N., 72° 33'·20E.
Oil Derrick

***137/(09/10) INDIA – WEST COAST – Approaches to Ports from Diu to Pipavav – Off Simer Bander – Wreck.**

Source: NAVAREA VIII – 238/10.

Wreck of Boat Priyanka.

(HJ/1130/08)

Chart 21 [previous update 135/10]

Insert  PA 20° 37'·70N., 71° 15'·40E.

Chart 292 (INT 7021) [previous update 135/10]

Insert  PA 20° 37'·70N., 71° 15'·40E.

Chart 253 (INT7328) [previous update 133/10]

Insert  PA 20° 37'·70N., 71° 15'·40E.

Chart 254 (INT7331) [previous update 077/10]

Insert  PA 20° 37'·70N., 71° 15'·40E.

Chart 207 [previous update 077/10]

Insert  PA 20° 37'·70N., 71° 15'·40E.

Chart 2081 [previous update 171/09]

Insert  PA 20° 37'·70N., 71° 15'·40E.

***138/(09/10) INDIA – WEST COAST – Simer Anchorage. Port Limit. Legend.**

Source: Port Officer, Diu.

(HJ/1130/08)

Chart 2057(Plan – Simer Anchorage) [previous update 062/08]

Insert port limit, -----, joining: 20° 45'·50N., 71° 08'·70E.

(a) 20° 45'·10N., 71° 08'·70E.

(b) 20° 45'·10N., 71° 09'·80E.

(c) 20° 46'·20N., 71° 09'·80E.

20° 46'·20N., 71° 08'·97E.

legend, “Limit of Port of Simer”, along:

(a) – (b) above

(b) – (c) above

***139/(09/10) INDIA – WEST COAST – Malala Anchorage. Port Limit. Legend.**

Source: Port Officer, Diu.

(HJ/1130/09)

Chart 2081(Plan – Diu and Navabandar Anchorages) [previous update 137/10]

Insert port limit, -----, joining: 20° 42'·50N., 70° 56'·30E.

(a) 20° 41'·80N., 70° 56'·30E.

(b) 20° 41'·80N., 70° 57'·50E.

20° 42'·35N., 70° 57'·50E.


legend, “Limit of Port of Malala”, along:

(a) – (b) above

***140/(09/10) INDIA – WEST COAST – Jaigarh Harbour – Wreck. Foul Ground.**

Source: NHO Dehradun.

(HJ/1030/76)

Chart 293(INT7022) [previous update 108/10]Substitute  for  17° 20′.40N., 73° 11′.20E.**Chart 256(INT7340)** [previous update 065/10]Substitute  for  17° 20′.40N., 73° 11′.20E.**Chart 212** [previous update 093/10]Insert  17° 20′.40N., 73° 11′.20E.**Chart 2011** [previous update 093/10]Insert  17° 20′.45N., 73° 11′.16E.***141/(09/10) INDIA – WEST COAST – Nindakara and Quilon Anchorages – Wreck. Obstruction.**

Source: RoS, INS Sutlej.

(HJ/930/83)

Chart 259(INT7356) [previous update 111/10]Insert  (a) 08° 56′.19N., 76° 29′.42E.Delete  , close SW of: (a) above**Chart 260(INT7362)** [previous update 111/10]Insert  (a) 08° 56′.19N., 76° 29′.42E.Delete  , close SW of: (a) above**Chart 221** [previous update 111/10]Insert  08° 56′.28N., 76° 29′.37E.Delete  08° 56′.09N., 76° 29′.35E.**Chart 2032** [previous update 111/10]Insert  08° 56′.19N., 76° 29′.42E.Delete  08° 56′.00N., 76° 29′.40E.***142/(09/10) INDIA – EAST COAST – Visakhapatnam Harbour – Depth. Tower.**

Source: RoS, INS Nirupak.

(HJ/1029/76)

Chart 354(INT7408) [previous update 375/09]Insert depth, 6₁ enclosed by 10m contour 17° 44′.30N., 83° 21′.17E.**Chart 308** [previous update 391/09]Insert depth, 6₁ enclosed by 10m contour 17° 44′.30N., 83° 21′.17E.**Chart 3002(INT7410)** [previous update 391/09]Insert depth, 6₁ enclosed by 10m contour 17° 44′.24N., 83° 21′.28E.Delete  17° 43′.04N., 83° 19′.21E.Delete  PA (F.M. Tr) 17° 43′.12N., 83° 19′.26E.

143/(09/10) SAUDI ARABIA – Red Sea Coast – Ash Sharmah to Farasan Bank – Depths.

Source: BA Notice – 1948/10.

(HJ/1134/31)

Chart 8012 [previous update 317/09]

Insert	depth 5 ₄ enclosed by 10m contour	(a)	23° 54′.48N., 38° 10′.18E.
	depth 242 enclosed by 500m contour		24° 02′.97N., 37° 57′.82E.
	depth 405 enclosed by 500m contour		23° 57′.68N., 37° 50′.93E.
	depth 287 enclosed by 500m contour		23° 54′.47N., 37° 55′.96E.
	depth 350 enclosed by 500m contour		23° 53′.51N., 37° 54′.66E.
Delete	depth 17, close SSE of:	(a)	above

Chart 8013 [previous update 419/08]

Insert	depth 5 ₄ enclosed by 10m contour		23° 54′.48N., 38° 10′.18E.
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144/(09/10) PAKISTAN – Approaches to Karachi – Buoyage. Depths.

Source: BA Notice – 2134/10.

(HJ/1131/43)

Chart 250 [previous update 275/09]

Insert	depth 9 ₂ enclosed by 10m contour		24° 43′.60N., 66° 57′.49E.
	depth 9 ₃ enclosed by 10m contour		24° 43′.69N., 66° 59′.01E.

Chart 200 [previous update 062/10]

Insert	depth 9 ₂ enclosed by 10m contour		24° 43′.60N., 66° 57′.49E.
	depth 9 ₃ enclosed by 10m contour	(a)	24° 43′.69N., 66° 59′.01E.
Delete	depth 10 ₅ , adjacent to:	(a)	above

Chart 2049 [previous update 062/10]







Insert	depth 9 ₂ enclosed by 10m contour		24° 43′.60N., 66° 57′.49E.
	depth 9 ₃ enclosed by 10m contour	(a)	24° 43′.69N., 66° 59′.01E.
	 FL.R.5s P3-A		24° 46′.910N., 66° 59′.050E.
Delete	depth 10 ₅ , adjacent to:	(a)	above

Chart 2050 [previous update 268/09]

Insert	 FL.R.5s P3-A		24° 46′.910N., 66° 59′.050E.
Move	 FL.G.5s S1, from:		24° 45′.407N., 66° 57′.981E.
	to:		24° 45′.370N., 66° 58′.050E.
	 FI(2)G.4s S2, from:		24° 46′.120N., 66° 58′.635E.
	to:		24° 46′.080N., 66° 58′.710E.
	 FL.G.5s S3, from:		24° 46′.492N., 66° 59′.000E.
	to:		24° 46′.470N., 66° 59′.070E.
	 FL.G.5s S -3A, from:		24° 46′.610N., 66° 59′.140E.
	to:		24° 46′.570N., 66° 59′.160E.

SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

***145(T)/(09/10) INDIA – WEST COAST – Gulf of Kachchh Deep Water Route – Buoy.**

Source: DLL Jamnagar.

(HJ/1131/20)

1. Paga buoy relaid in its charted position and working normal.
2. Mariners to take note.
3. ***Former INM 126(T)/10 is cancelled.***

Charts affected – 203(INT 7319) – 2068.

***146(T)/(09/10) INDIA – WEST COAST – Gulf of Kachchh – Salaya Channel – Buoys.**

Source: DLL Jamnagar

(HJ/1131/20)

1. Tilburn and Narara buoys are relaid in its charted position and working normal.
2. Mariners to take note.
3. ***Former INM 127(T)/10 is cancelled.***

Chart affected – 203(INT 7319) – 2068 – 2060 – 2079.

147(P)/(09/10) SRI LANKA – West Coast – Approaches to Colombo – Submarine pipeline.

Source: BA Notice – 2014(P)/10.

(HJ/930/63)

1. A submarine pipeline is being laid joining the following positions:
 - 6° 58'·69N., 79° 46'·61E.
 - 6° 58'·79N., 79° 46'·87E.
 - 6° 58'·81N., 79° 47'·14E.
 - 6° 58'·75N., 79° 47'·95E.
 - 6° 58'·75N., 79° 48'·22E.
 - 6° 58'·82N., 79° 49'·85E.
 - 6° 58'·79N., 79° 50'·12E.
 - 6° 58'·71N., 79° 50'·37E.
 - 6° 58'·57N., 79° 50'·61E.
 - 6° 58'·25N., 79° 51'·04E.
 - 6° 58'·03N., 79° 51'·21E.
 - 6° 57'·79N., 79° 51'·31E.

2. All positions are referred to WGS84 Datum.
3. Mariners are advised to navigate with caution in the vicinity.

Chart affected – 263 – 264 – 225 – 2063.

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>*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>
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<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.

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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 and Publications New No. 221, Old No. 107, Unit No. F9, Hotel Chennai Palace, Angappa Naicken Street Chennai – 600001, Telefax : 044-42165008 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammapeta, 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 23736956/6907, 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

SECTION – V
NAVAREA – VIII WARNING 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 Warning Inforce as on 30 Apr 10.

2010 SERIES - 114 120 133 138 160 195 196 198 199 200 201 209 213 221 223 224 231 232
235 238 241 242 243 244 247 250 251 252 256 258 260 261 262 263 264 265 266 267 268
270

3. NAVAREA VIII Warnings issued during the period from 16 Apr 10 to 30 Apr 10 (both dates inclusive) are as tabulated below:-

<p>217. India West Coast- Mumbai High. Charts 21 22 255 INT 705. X+S band, frequency agile Racon have been installed (unmanned) at following positions</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">(a)</td> <td style="width: 55%;">Code 'D' at 'SHQ' offshore platform "WI-10"</td> <td style="width: 20%;">19-17.57N</td> <td style="width: 20%;">071-16.91E</td> </tr> <tr> <td>(b)</td> <td>Code 'B' at 'WIN' offshore platform "WI-2"</td> <td>19-37.84N</td> <td>071-17.77E</td> </tr> </table>	(a)	Code 'D' at 'SHQ' offshore platform "WI-10"	19-17.57N	071-16.91E	(b)	Code 'B' at 'WIN' offshore platform "WI-2"	19-37.84N	071-17.77E																
(a)	Code 'D' at 'SHQ' offshore platform "WI-10"	19-17.57N	071-16.91E																					
(b)	Code 'B' at 'WIN' offshore platform "WI-2"	19-37.84N	071-17.77E																					
<p>218. Self Cancelling. Cancel Navarea VIII message 211 212 and 215 of 2010. Issued by INM edition 08 of 2010.</p>																								
<p>219. Self Canceling. Navarea VIII-Warning Inforce 2010 Series: - 114 120 133 138 148 160 162 186 188 189 191 193 195 196 197 198 199 200 201 205 206 208 209 210 213 216 217 218</p>																								
<p>220. Cancel Navarea VIII message 191 of 2010. India West Coast – Arabian Sea. Charts 21 22 255 256 292 INT 705. Seismic survey is in progress by survey vessel Geowave Commander till 20 Apr 2010 in area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">(a)</td> <td style="width: 30%;">17-44.00N</td> <td style="width: 30%;">071-04.00E</td> <td style="width: 5%;">(b)</td> <td style="width: 30%;">18-31.00N</td> <td style="width: 20%;">071-04.00E</td> </tr> <tr> <td>(c)</td> <td>18-31.00N</td> <td>072-06.00E</td> <td>(d)</td> <td>17-44.00N</td> <td>072-06.00E</td> </tr> </table> <p>2. The vessel is towing six streamers of 6000 metres length. Streamers are at approx 08 metres depth below the surface. Each trailing ends are attached to tail buoys with radar reflectors and flashing white light spread over a width of approx 600 metres.</p> <p>3. All vessels operating in the area to exercise caution and give wide berth at least 01 NM on either side 02 NM ahead and 05 NM astern of the vessel.</p> <p>4. Cancel this message on 21 Apr 2010.</p>	(a)	17-44.00N	071-04.00E	(b)	18-31.00N	071-04.00E	(c)	18-31.00N	072-06.00E	(d)	17-44.00N	072-06.00E												
(a)	17-44.00N	071-04.00E	(b)	18-31.00N	071-04.00E																			
(c)	18-31.00N	072-06.00E	(d)	17-44.00N	072-06.00E																			
<p>221. Cancel Navarea VIII message 197 of 2010. India West Coast – Arabian Sea. Charts 21 291 292 INT 705. Survey vessel western pride will carry out seismic survey operations in areas and dates mentioned below:</p> <p>(i) From 17 Apr to 20 Apr 2010 in area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">(a)</td> <td style="width: 30%;">20-38.00N</td> <td style="width: 30%;">068-18.00E</td> <td style="width: 5%;">(b)</td> <td style="width: 30%;">20-48.00N</td> <td style="width: 20%;">068-56.00E</td> </tr> <tr> <td>(c)</td> <td>21-25.00N</td> <td>068-44.00E</td> <td>(d)</td> <td>21-14.00N</td> <td>068-06.00E</td> </tr> </table> <p>(ii) From 21 Apr to 20 May 2010 in area bounded by</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">(a)</td> <td style="width: 30%;">20-46.00N</td> <td style="width: 30%;">068-46.00E</td> <td style="width: 5%;">(b)</td> <td style="width: 30%;">20-48.00N</td> <td style="width: 20%;">068-56.00E</td> </tr> <tr> <td>(c)</td> <td>22-06.00N</td> <td>068-30.00E</td> <td>(d)</td> <td>22-03.00N</td> <td>068-19.00E</td> </tr> </table> <p>2. The vessel is towing eight streamers of 10000 metres length. Streamers are at approx 08 metres and 20 metres depth below the surface. Each trailing ends are attached to tail buoys with radar reflectors and flashing white and blue lights spread over a width of approx 800 metres.</p> <p>3. All vessels operating in the area to exercise caution and give wide berth at least 03 NM on either side 03 NM ahead and 08 NM astern of the vessel.</p> <p>4. Mariners are advised to:</p> <p>(a) Keep well clear of demarcated area.</p> <p>(b) Vessel western pride will also warn the shipping by some signaling appliances powerful search lights or ELDIS light if the shipping gets close to clearance distance.</p> <p>(c) The chase boats guarding the vessel and the streamers shall also direct the shipping to keep clear of the vessel and streamers.</p> <p>5. Cancel this message on 21 May 2010.</p>	(a)	20-38.00N	068-18.00E	(b)	20-48.00N	068-56.00E	(c)	21-25.00N	068-44.00E	(d)	21-14.00N	068-06.00E	(a)	20-46.00N	068-46.00E	(b)	20-48.00N	068-56.00E	(c)	22-06.00N	068-30.00E	(d)	22-03.00N	068-19.00E
(a)	20-38.00N	068-18.00E	(b)	20-48.00N	068-56.00E																			
(c)	21-25.00N	068-44.00E	(d)	21-14.00N	068-06.00E																			
(a)	20-46.00N	068-46.00E	(b)	20-48.00N	068-56.00E																			
(c)	22-06.00N	068-30.00E	(d)	22-03.00N	068-19.00E																			
<p>222. Self-Cancelling. Cancel Navarea VIII message 148 of 2010 .</p>																								

223. India East Coast – Off Narsapur. Charts 31 32 355 INT 706. Survey vessel pacific sword will carry out 3D seismic survey operations in areas and dates mentioned below:				
(i)	From 17 Apr to 26 Apr 2010 in area bounded by			
(a)	16-11.01N	081-42.28E	(b)	16-17.20N 081-30.00E
(c)	16-18.39N	081-29.99E	(d)	16-18.00N 081-33.33E
(e)	16-11.94N	081-45.71E		
(ii)	From 27 Apr to 07 May 2010 in area bounded by			
(a)	16-18.00N	081-33.33E	(b)	16-17.96N 081-34.66E
(c)	16-15.25N	081-39.88E	(d)	16-15.25N 081-46.08E
(e)	16-13.17N	081-50.19E	(f)	16-11.94N 081-45.72E
(iii)	From 08 May to 09 May 2010 in area bounded by			
(a)	15-16.26N	081-50.97E	(b)	16-15.26N 081-52.06E
(c)	16-14.66N	081-53.25E	(d)	16-14.11N 081-53.25E
(iv)	From 10 May to 16 May 2010 in area bounded by			
(a)	16-15.25N	081-46.08E	(b)	15-16.25N 081-50.97E
(c)	16-14.11N	081-53.25E	(d)	16-13.16N 081-50.20E
2.	The vessel will tow two streamers of 5100 metres length .Each cable end marked by orange colour tail buoys with flashing white light and radar reflector.			
3.	All vessels operating in the area to exercise caution and give wide berth at least 04 NM all around the vessel			
4.	Cancel this message on 17 May 2010.			
224. India Andaman Sea – Andaman Islands. Charts 33 41 402 403 409 471 472 473 INT 706. Hydrographic survey will be carried out by hydrographic vessel/ boats area and dates as mentioned below				
(i)	From 21 Apr to to 29 Apr 2010			
(a)	07-15.00N	093-50.00E	(b)	07-15.00N 094-00.00E
(c)	06-51.00N	094-00.00E	(d)	06-51.00N 093-50.00E
(ii)	From 01 May to 09 May 2010			
(a)	13-05.00N	092-25.00E	(b)	13-22.50N 092-25.00E
(c)	13-22.50N	092-47.00E	(d)	13-05.00N 092-47.00E
2.	Extensive sounding and scanning operations will be undertaken within the survey area using ship/boats.			
3.	All vessels operating in vicinity to maintain a safe distance of 02 NM from ship/boats and exercise caution.			
4.	Cancel this message on 10 May 2010.			
226. India East Coast- Bay of Bengal. Charts 31 355 356 INT 706. Survey vessel Akedmik Fersman will carry out 2D seismic survey operations from 20 Apr to 30 Apr 2010 in area bounded by				
(a)	15-21.60N	080-39.60E	(b)	14-42.80N 081-02.30E
(c)	15-52.60N	082-54.10E	(d)	16-31.43E 082-36.00E
2.	Vessel will tow 4500 metres long marine seismic cable. End marked with flashing light and radar responder.			
3.	All vessels operating in vicinity are to maintain a clearance of 04 NM all around the vessel and exercise caution.			
4.	Cancel this message on 01 may 2010.			
229. India West Coast- Arabian Sea. Charts 22 213 214 256 INT 705. Firing exercise by Naval ships in areas and dates mentioned below				
(i)	From 27 Apr 2010 2030 UTC to 28 Apr 2010 0300 UTC in area bounded by			
(a)	16-00.00N	072-25.00E	(b)	15-10.00N 073-00.00E
(c)	16-00.00N	073-00.00E	(d)	15-10.00N 072-25.00E
(ii)	On 28 Apr 2010 from 0130 UTC to 0730 UTC in area bounded by			
(a)	14-50.00N	072-25.00E	(b)	14-50.00N 073-00.00E
(c)	14-00.00N	073-00.00E	(d)	14-00.00N 072-25.00E
2.	Safe flying height 10000 metres.			
3.	Cancel this message on 29 Apr 2010.			
231. India west coast - kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery on following dates				
	Date	Time (UTC)		
	27 Apr 2010	0900 to 1200		
	30 Apr 2010	0900 to 1200 and 1230 to 1430		
2.	Danger area bounded by			
(a)	09-57.50N	075-59.50E	(b)	09-57.70N 076-14.20E
(c)	09-44.00N	076-17.50E	(d)	09-42.50N 076-09.50E
3.	Safe flying height 10000 metres.			
4.	Cancel this message on 01 May 2010.			

<p>232. India East Coast- Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Firing exercise by Naval Coast Battery from position 13-07.17N 080-18.07E between 0530 UTC to 0730 UTC on 30 Apr 2010.</p> <p>2. Danger zone sector of 11 NM radius between 045 degree and 075 degree from gun position.</p> <p>3. Safe flying height 12800 metres.</p> <p>4. Cancel this message on 01 May 2010.</p>																		
<p>233. Andaman Sea – India Andaman Islands. Charts 33 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery at Ross island from 0730 UTC to 0900 UTC on 28 Apr 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>11-39.70N</td> <td>092-46.30E</td> <td>(b)</td> <td>11-40.60N</td> <td>092-47.00E</td> </tr> <tr> <td>(c)</td> <td>11-37.80N</td> <td>092-57.10E</td> <td>(d)</td> <td>11-30.40N</td> <td>092-48.90E</td> </tr> </table> <p>2. Safe flying height 9000 metres.</p> <p>3. Cancel this message on 29 Apr 2010.</p>	(a)	11-39.70N	092-46.30E	(b)	11-40.60N	092-47.00E	(c)	11-37.80N	092-57.10E	(d)	11-30.40N	092-48.90E						
(a)	11-39.70N	092-46.30E	(b)	11-40.60N	092-47.00E													
(c)	11-37.80N	092-57.10E	(d)	11-30.40N	092-48.90E													
<p>234. Self Cancelling. India West Coast- Salaya Channel. Charts 21 203 251 2068 INT 705. Paga buoy laid in position 22-35.47N 069-14.44E and Narara buoy in position 22-36.00N 069-36.01E.</p>																		
<p>235. India South Coast – Off Maldives. Charts 22 23 32 260 261 273 INT 71 INT 72. MMT survey will be carried out by vessel ohm leader from 21 Apr 2010 to 05 May 2010 in area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>07-10.00N</td> <td>075-15.00E</td> <td>(b)</td> <td>07-45.00N</td> <td>076-35.00E</td> </tr> <tr> <td>(c)</td> <td>06-00.00N</td> <td>077-20.00E</td> <td>(d)</td> <td>05-25.00N</td> <td>076-00.00E</td> </tr> </table> <p>2. The vessel will tow a deep tow fish of 2000 metres length and 30 meters above the seabed.</p> <p>3. All vessels operating in area to maintain a clearance of at least 01 NM either side 02 NM ahead and 01 NM astern of the vessel.</p> <p>4. Mariners are advise to</p> <table border="0"> <tr> <td>(a)</td> <td>Keep clear of the demarcated area.</td> </tr> <tr> <td>(b)</td> <td>Vessel will also warn shipping by Signaling with lights and flares if the shipping gets to close to the danger area.</td> </tr> <tr> <td>(c)</td> <td>Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers.</td> </tr> </table> <p>5. Cancel this message on 06 May 2010.</p>	(a)	07-10.00N	075-15.00E	(b)	07-45.00N	076-35.00E	(c)	06-00.00N	077-20.00E	(d)	05-25.00N	076-00.00E	(a)	Keep clear of the demarcated area.	(b)	Vessel will also warn shipping by Signaling with lights and flares if the shipping gets to close to the danger area.	(c)	Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers.
(a)	07-10.00N	075-15.00E	(b)	07-45.00N	076-35.00E													
(c)	06-00.00N	077-20.00E	(d)	05-25.00N	076-00.00E													
(a)	Keep clear of the demarcated area.																	
(b)	Vessel will also warn shipping by Signaling with lights and flares if the shipping gets to close to the danger area.																	
(c)	Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers.																	
<p>236. Self Cancelling. Indian Ocean–Western Part. Charts INT 71 INT 72 INT 703 INT 705. IMB Kaulalumpur intimates that pirates are moving towards the eastern part of Indian ocean approaching closer to Indian west and south coast, Lakshadweep/Minicoy island, northern Maldives.</p> <p>2. Recent attack positions including a number of hijacking and fired upon incidents were at positions 02-27.00N 060-00.00E, 14-25.00N 064-40.00E, 08-21.00 N 065-00.00E, 11-42.00N 066-06.00E, 09-30.00N 068-55.00E, 09-29.00N 069-18.00E</p> <p>3. Vessels are advised to exercise extreme caution within 100 NM of the above given positions and maintain maximum CPA with any small vessels acting suspiciously.</p> <p>4. Vessels sailing in the western, central, eastern and northern parts of the Indian ocean should continue to maintain strict anti piracy measures. Vessels are urged to operate at a heightened state of readiness, maintaining strict 24 hours anti piracy visual and radar watches/lookouts, actively implement recommended anti piracy measures and regularly report their position/course/speed to UKMTO.</p>																		
<p>237. Self Cancelling. Indian Ocean–Western Part. Charts INT 71 INT 72 INT 703 INT 705. M/V attacked in position 00-50.00S 051-30.00E at 2101 UTC on 19 Apr 2010.</p> <p>2. Mariners to exercise caution.</p>																		
<p>238. India West Coast – Off Simar. Charts 21 206 207 253 292 2081 INT 705. Boat Priyanka (F/MOR/09-T-54) NSC NO -FCB/IFIC/ONGC/1146/060410/310510 sunk in position 20-37.70N 071-15.40E.</p> <p>2. Mariners to exercise caution.</p>																		
<p>239. Self Cancelling. Indian Ocean–Western Part. Charts INT 71 INT 72 INT 703 INT 705. Piracy alert. Mothership reported in position 00-30.00S 053-04.00E at 0757 UTC on 21 Apr 2010.</p> <p>2. Mariners to exercise caution.</p>																		
<p>240. Self Cancelling. Refer Navarea VIII messages 198 and 199 of 2010. Charts 21 31 292 293 354 INT 705 INT 706. Following rigs demobilized from area of operation and presently are in position</p> <table border="0"> <tr> <td>PRIDE HAWAI</td> <td>18-37.00N</td> <td>072-40.00E</td> </tr> <tr> <td>ESSAR WILD CAT</td> <td>17-03.00N</td> <td>082-28.00E</td> </tr> </table>	PRIDE HAWAI	18-37.00N	072-40.00E	ESSAR WILD CAT	17-03.00N	082-28.00E												
PRIDE HAWAI	18-37.00N	072-40.00E																
ESSAR WILD CAT	17-03.00N	082-28.00E																

<p>241. India West Coast – Arabian Sea. Charts 21 22 292 INT 705. Seismic survey is in progress by Geowave Commander till 31 May 2010 in area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>22-45.00N</td> <td>068-06.86E</td> <td>(b)</td> <td>22-45.00N</td> <td>068-33.30E</td> </tr> <tr> <td>(c)</td> <td>22-15.17N</td> <td>068-33.30E</td> <td>(d)</td> <td>22-15.17N</td> <td>068-19.46E</td> </tr> <tr> <td>(e)</td> <td>22-22.66N</td> <td>068-19.46E</td> <td>(f)</td> <td>22-22.66N</td> <td>068-08.17E</td> </tr> <tr> <td>(g)</td> <td>22-32.97N</td> <td>068-08.17E</td> <td>(h)</td> <td>22-32.97N</td> <td>068-06.86E</td> </tr> </table> <p>2. The vessel is towing six streamer of 8100 metres each at 6000 metres separation for the purpose of 3D survey. 3. Mariners to exercise caution and give wide berth. 4. Cancel this message on 01 Jun 2010</p>		(a)	22-45.00N	068-06.86E	(b)	22-45.00N	068-33.30E	(c)	22-15.17N	068-33.30E	(d)	22-15.17N	068-19.46E	(e)	22-22.66N	068-19.46E	(f)	22-22.66N	068-08.17E	(g)	22-32.97N	068-08.17E	(h)	22-32.97N	068-06.86E																								
(a)	22-45.00N	068-06.86E	(b)	22-45.00N	068-33.30E																																												
(c)	22-15.17N	068-33.30E	(d)	22-15.17N	068-19.46E																																												
(e)	22-22.66N	068-19.46E	(f)	22-22.66N	068-08.17E																																												
(g)	22-32.97N	068-08.17E	(h)	22-32.97N	068-06.86E																																												
<p>242. India West Coast- Gulf of Kachchh. Chart 21 203 2068 INT 705. Salaya channel Sonar buoy 22-44.81N 069-32.34E withdrawn for maintenance. 2. Mariners to exercise caution.</p>																																																	
<p>243. India West Coast- Gulf of Kachchh. Charts 21 203 292 2068 INT 705. Dhani buoy 22-36.06N 069-27.80E withdrawn for maintenance.</p>																																																	
<p>244. India West Coast – Mormugao. Charts 22 257 INT 705 INT 706. Firing practice by Naval aircraft between 0230 UTC to 1230 UTC from 01 May to 07 May 2010. Danger area bounded by</p> <table border="0"> <tr> <td>(A)</td> <td>15-13.00N</td> <td>073-57.00E</td> <td>(B)</td> <td>15-13.00N</td> <td>073-52.00E</td> </tr> <tr> <td>(C)</td> <td>15-11.00N</td> <td>073-57.00E</td> <td>(D)</td> <td>15-11.00N</td> <td>073-52.00E</td> </tr> </table> <p>2. Safe flying height 3500 metres. 3. Cancel this message on 08 May 2010.</p>		(A)	15-13.00N	073-57.00E	(B)	15-13.00N	073-52.00E	(C)	15-11.00N	073-57.00E	(D)	15-11.00N	073-52.00E																																				
(A)	15-13.00N	073-57.00E	(B)	15-13.00N	073-52.00E																																												
(C)	15-11.00N	073-57.00E	(D)	15-11.00N	073-52.00E																																												
<p>245. Self Cancelling. Indian Ocean–Western Part. Charts INT 71 INT 72 INT 703 INT 705. Piracy. M/V attacked in 01-10.00N 065-00.00E at 1111 UTC on 21 Apr 2010. 2. Mariners to exercise caution.</p>																																																	
<p>246. Self Cancelling . Indian Ocean–Western Part. Charts INT 71 INT 72 INT 703 INT 705. Piracy. Three F/V's hijacked in 09-29.00N 069-18.00E at 0200 UTC on 18 Apr 2010. 2. Mariners to exercise caution.</p>																																																	
<p>247. India West Coast- Gulf of Kachchh. Charts 21 203 2068 INT 705. Kachchh buoy 22-38.0N 069-12.8E withdrawn for maintenance. 2. Mariners to exercise caution.</p>																																																	
<p>248. India West Coast – Jakhau. Charts 21 201 202 251 2005 INT 705. Racon (Code “M”) at Jakhau light house 23-14.37N 068-36.43E off the air for maintenance. 2. Mariners to exercise caution.</p>																																																	
<p>249. Self Cancelling. Navarea VIII-Warning Inforce 2010 series – 114 120 133 138 160 195 196 198 199 200 201 205 206 208 209 213 221 223 224 226 229 231 232 233 235 237 238 239 240 241 242 243 244 245 246 247 248</p>																																																	
<p>250. Cancel Navarea VIII message 205 of 2010. India West Coast – Arabian Sea. Charts 22 256 293 INT 705. Survey vessel Western Spirit will carry out seismic data survey operations in areas and dates mentioned below:</p> <p>(i) From 25 Apr to 30 Apr 2010 (transit corridor – no data acquisition) with survey gear & streamers in water in area</p> <table border="0"> <tr> <td>(a)</td> <td>12-00.00N</td> <td>074-07.00E</td> <td>(b)</td> <td>11-53.00N</td> <td>073-48.00E</td> </tr> <tr> <td>(c)</td> <td>12-42.00N</td> <td>072-18.00E</td> <td>(d)</td> <td>12-30.00N</td> <td>072-08.00E</td> </tr> <tr> <td>(e)</td> <td>13-50.00N</td> <td>070-58.00E</td> <td>(f)</td> <td>13-45.00N</td> <td>070-39.00E</td> </tr> <tr> <td>(g)</td> <td>16-00.00N</td> <td>070-50.00E</td> <td>(h)</td> <td>16-02.00N</td> <td>070-29.00E</td> </tr> <tr> <td>(j)</td> <td>18-00.00N</td> <td>072-02.00E</td> <td>(k)</td> <td>18-00.00N</td> <td>071-41.00E</td> </tr> </table> <p>(ii) From 01 May to 15 May 2010 (actual survey) in area bounded by</p> <table border="0"> <tr> <td>(a)</td> <td>16-45.49N</td> <td>070-18.54E</td> <td>(b)</td> <td>16-45.34N</td> <td>072-17.38E</td> </tr> <tr> <td>(c)</td> <td>17-07.23N</td> <td>072-05.39E</td> <td>(d)</td> <td>17-12.54N</td> <td>071-57.44E</td> </tr> <tr> <td>(e)</td> <td>17-12.57N</td> <td>070-18.51E</td> <td></td> <td></td> <td></td> </tr> </table> <p>2. Vessel will tow four seismic streamers of 10500 metres length. Streamers are approx 08 metres and 20 metres depth below the surface. Each trailing ends are attached to tail buoy with radar reflectors and flashing white light spread over a width of approx 400 metres. 3. All vessels operating in the area to exercise caution and give wide berth at least 03 NM abeam, 03 NM ahead and 08 NM astern of the vessel. 4. Cancel this message on 16 May 2010.</p>		(a)	12-00.00N	074-07.00E	(b)	11-53.00N	073-48.00E	(c)	12-42.00N	072-18.00E	(d)	12-30.00N	072-08.00E	(e)	13-50.00N	070-58.00E	(f)	13-45.00N	070-39.00E	(g)	16-00.00N	070-50.00E	(h)	16-02.00N	070-29.00E	(j)	18-00.00N	072-02.00E	(k)	18-00.00N	071-41.00E	(a)	16-45.49N	070-18.54E	(b)	16-45.34N	072-17.38E	(c)	17-07.23N	072-05.39E	(d)	17-12.54N	071-57.44E	(e)	17-12.57N	070-18.51E			
(a)	12-00.00N	074-07.00E	(b)	11-53.00N	073-48.00E																																												
(c)	12-42.00N	072-18.00E	(d)	12-30.00N	072-08.00E																																												
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(g)	16-00.00N	070-50.00E	(h)	16-02.00N	070-29.00E																																												
(j)	18-00.00N	072-02.00E	(k)	18-00.00N	071-41.00E																																												
(a)	16-45.49N	070-18.54E	(b)	16-45.34N	072-17.38E																																												
(c)	17-07.23N	072-05.39E	(d)	17-12.54N	071-57.44E																																												
(e)	17-12.57N	070-18.51E																																															

<p>251. India South West Coast – Off Maldives. Charts 22 23 32 INT 71 INT 72. Seismic survey will be carried out by vessel Veritas Voyager from 23 Apr 2010 to 31 May 2010 in area bounded by</p> <table> <tbody> <tr> <td>(a)</td> <td>07-00.00N</td> <td>076-00.00E</td> <td>(b)</td> <td>07-00.00N</td> <td>076-50.00E</td> </tr> <tr> <td>(c)</td> <td>06-00.00N</td> <td>076-50.00E</td> <td>(d)</td> <td>06-00.00N</td> <td>076-00.00E</td> </tr> </tbody> </table> <p>2. The vessel will tow two seismic streamers of 12000 metres length. Streamers are approx 08 metres depth below the surface. Each trailing ends are attached to tail buoy with radar reflectors and flashing white lights spread over a width of approx 1000 metres.</p> <p>3. All vessels operating in area to maintain a clearance of at least 03 NM either side, 02 NM ahead and 07 NM astern of the vessel.</p> <p>4. Mariners are advise to</p> <table> <tbody> <tr> <td>(a)</td> <td>Keep clear of the demarcated area.</td> </tr> <tr> <td>(b)</td> <td>Vessel will also warn shipping by signaling with lights and flares if the shipping gets to close to the danger area.</td> </tr> <tr> <td>(c)</td> <td>Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers</td> </tr> </tbody> </table> <p>5. Cancel this message on 01 Jun 2010.</p>	(a)	07-00.00N	076-00.00E	(b)	07-00.00N	076-50.00E	(c)	06-00.00N	076-50.00E	(d)	06-00.00N	076-00.00E	(a)	Keep clear of the demarcated area.	(b)	Vessel will also warn shipping by signaling with lights and flares if the shipping gets to close to the danger area.	(c)	Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers																
(a)	07-00.00N	076-00.00E	(b)	07-00.00N	076-50.00E																													
(c)	06-00.00N	076-50.00E	(d)	06-00.00N	076-00.00E																													
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(b)	Vessel will also warn shipping by signaling with lights and flares if the shipping gets to close to the danger area.																																	
(c)	Chase boats guarding vessel and steamers will also direct the shipping to keep clear of vessel and steamers																																	
<p>252. India West Coast– Off Mangalore. Charts 22 258 293 INT 71. A Gilnet red coloured boat, F mover 1122, name ‘Sri Annapoorneshwari’ with 03 fishermen on board missing since 11 Apr 2010.</p> <p>2. All vessels operating in vicinity to keep sharp lookout and render assistance.</p>																																		
<p>253. Self Cancelling. Indian Ocean–Western Part. Charts INT 70 INT 71 INT 72 INT 701 INT 702. Piracy. Possible mothership activity in 06-00.00S 045-00.00E on 22 Apr 2010.</p> <p>2. Mariners to exercise caution.</p>																																		
<p>254. Self Cancelling. Indian Ocean–Western Part. Charts INT 71 INT 72 INT 705. Piracy. M/V attacked in 14-51.00N 065-14.00E at 0242 UTC on 23 Apr 2010.</p> <p>2. Mariners to exercise caution.</p>																																		
<p>255. Self Cancelling. Indian ocean–western part. Charts INT 71 INT 72 INT 705. Piracy. M/V attacked in 17-59.00N 065-49.00E at 0348 UTC on 25 Apr 2010.</p> <p>2. Mariners to exercise caution.</p>																																		
<p>256. Refer Navarea VIII message 198 of 2010. India West Coast – Off Mumbai. Charts 21 22 255 292 INT 705 INT 706. Following rigs moved to new position as given below-</p> <table> <tbody> <tr> <td>ABAN ICE</td> <td>18-45.06N</td> <td>071-16.39E</td> </tr> <tr> <td>NOBLE GEORGE MCLEOD</td> <td>19-25.99N</td> <td>071-13.06E</td> </tr> <tr> <td>NOBLE ED HOLT</td> <td>18-55.85N</td> <td>072-18.36E</td> </tr> <tr> <td>SAGAR JYOTI</td> <td>20-22.49N</td> <td>072-02.41E</td> </tr> </tbody> </table> <p>2. Mariners to exercise caution.</p>	ABAN ICE	18-45.06N	071-16.39E	NOBLE GEORGE MCLEOD	19-25.99N	071-13.06E	NOBLE ED HOLT	18-55.85N	072-18.36E	SAGAR JYOTI	20-22.49N	072-02.41E																						
ABAN ICE	18-45.06N	071-16.39E																																
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NOBLE ED HOLT	18-55.85N	072-18.36E																																
SAGAR JYOTI	20-22.49N	072-02.41E																																
<p>257. Cancel Navarea VIII message 229 of 2010. India West Coast- Arabian Sea. Charts 22 213 214 256 INT 705. Firing exercise by Naval ships on 28 Apr 2010 as follows:</p> <table> <tbody> <tr> <td>(i)</td> <td>0200 UTC to 0830 UTC in area bounded by</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(a)</td> <td>16-00.00N</td> <td>072-25.00E</td> <td>(b)</td> <td>15-10.00N</td> <td>073-00.00E</td> </tr> <tr> <td>(c)</td> <td>16-00.00N</td> <td>073-00.00E</td> <td>(d)</td> <td>15-10.00N</td> <td>072-25.00E</td> </tr> <tr> <td>(ii)</td> <td>0700 UTC to 1300 UTC in area bounded by</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(a)</td> <td>14-50.00N</td> <td>072-25.00E</td> <td>(b)</td> <td>14-50.00N</td> <td>073-00.00E</td> </tr> <tr> <td>(c)</td> <td>14-00.00N</td> <td>073-00.00E</td> <td>(d)</td> <td>14-00.00N</td> <td>072-25.00E</td> </tr> </tbody> </table> <p>2. Safe flying height 10000 metres.</p> <p>3. Cancel this message on 29 Apr 2010.</p>	(i)	0200 UTC to 0830 UTC in area bounded by				(a)	16-00.00N	072-25.00E	(b)	15-10.00N	073-00.00E	(c)	16-00.00N	073-00.00E	(d)	15-10.00N	072-25.00E	(ii)	0700 UTC to 1300 UTC in area bounded by				(a)	14-50.00N	072-25.00E	(b)	14-50.00N	073-00.00E	(c)	14-00.00N	073-00.00E	(d)	14-00.00N	072-25.00E
(i)	0200 UTC to 0830 UTC in area bounded by																																	
(a)	16-00.00N	072-25.00E	(b)	15-10.00N	073-00.00E																													
(c)	16-00.00N	073-00.00E	(d)	15-10.00N	072-25.00E																													
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(a)	14-50.00N	072-25.00E	(b)	14-50.00N	073-00.00E																													
(c)	14-00.00N	073-00.00E	(d)	14-00.00N	072-25.00E																													
<p>258. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery on following dates.</p> <table> <thead> <tr> <th>Date</th> <th>Time (UTC)</th> </tr> </thead> <tbody> <tr> <td>04 May 2010</td> <td>0900 to 1200</td> </tr> <tr> <td>07 May 2010</td> <td>0900 to 1200 and 1230 to 1430</td> </tr> </tbody> </table> <p>2. Danger area bounded by.</p> <table> <tbody> <tr> <td>(a)</td> <td>09-57.50N</td> <td>075-59.50E</td> <td>(b)</td> <td>09-57.70N</td> <td>076-14.20E</td> </tr> <tr> <td>(c)</td> <td>09-44.00N</td> <td>076-17.50E</td> <td>(d)</td> <td>09-42.50N</td> <td>076-09.50E</td> </tr> </tbody> </table> <p>3. Safe flying height 10000 metres.</p> <p>4. Cancel this message on 08 May 2010.</p>	Date	Time (UTC)	04 May 2010	0900 to 1200	07 May 2010	0900 to 1200 and 1230 to 1430	(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E	(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E																
Date	Time (UTC)																																	
04 May 2010	0900 to 1200																																	
07 May 2010	0900 to 1200 and 1230 to 1430																																	
(a)	09-57.50N	075-59.50E	(b)	09-57.70N	076-14.20E																													
(c)	09-44.00N	076-17.50E	(d)	09-42.50N	076-09.50E																													

259. Self Canceling. Refer Navarea VIII messages 198 of 2010. India West Coast – Arabian Sea. Charts 21 31 292 293 354 INT 705 INT 706. Rigs Noble Charlie yester and ENSCO 53 demobilized.												
260. India East Coast- Visakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Seaward firing exercise by Naval Coast Battery from 1500 UTC to 1700 UTC on 05 May 2010. Danger area bounded by <table border="0"> <tr> <td>(a)</td> <td>17-42.0N</td> <td>083-18.0E</td> <td>(b)</td> <td>17-47.0N</td> <td>083-32.0E</td> </tr> <tr> <td>(c)</td> <td>17-34.0N</td> <td>083-30.0E</td> <td>(d)</td> <td>17-28.0N</td> <td>083-18.0E</td> </tr> </table> <p>2. Safe flying height 13000 metres. 3. Cancel this message on 06 May 2010.</p>	(a)	17-42.0N	083-18.0E	(b)	17-47.0N	083-32.0E	(c)	17-34.0N	083-30.0E	(d)	17-28.0N	083-18.0E
(a)	17-42.0N	083-18.0E	(b)	17-47.0N	083-32.0E							
(c)	17-34.0N	083-30.0E	(d)	17-28.0N	083-18.0E							
261. Self Cancelling. Cancel Navarea 248 of 2010. India West Coast – Jakhau. Charts 21 201 202 251 2005 INT 705. Jakhau light house 23-14.37N 068-36.43E functioning normal.												
262. India West Coast- Okha. Charts 21 202 203 251 271 291 2013 2068 INT 705. Seaward firing practice by Naval Coast Battery between 1030 UTC to 1230 UTC on 06 May 2010. Danger area is from 240 degree to 015 degree (through 270 degree) up to 13 NM seaward from position 22-28.70N 069-04.00E and bounded by <table border="0"> <tr> <td>(a)</td> <td>22-22.00N</td> <td>068-50.00E</td> <td>(b)</td> <td>22-37.00N</td> <td>068-53.00E</td> </tr> <tr> <td>(c)</td> <td>22-42.00N</td> <td>069-08.00E</td> <td>(d)</td> <td>22-29.00N</td> <td>069-04.00E</td> </tr> </table> <p>2. Safe flying height 13000 metres. 3. Cancel this message on 07 May 2010.</p>	(a)	22-22.00N	068-50.00E	(b)	22-37.00N	068-53.00E	(c)	22-42.00N	069-08.00E	(d)	22-29.00N	069-04.00E
(a)	22-22.00N	068-50.00E	(b)	22-37.00N	068-53.00E							
(c)	22-42.00N	069-08.00E	(d)	22-29.00N	069-04.00E							
263. India West Coast – Gulf of Khambhat. Charts 21 254 292 INT 705. Hazira DGPS station 21-05.50N 072-38.60E off air from 0130 UTC to 1230 UTC on 30 Apr 2010. 2. Cancel this message on 01 May 2010.												
264. India East Coast – Bay of Bengal. Charts 351 352 3017 INT 706. A temporary light with caretaker group flash (white) 15 sec will be executed on 04 May 2010 at Maipura 20-47.47N 086-56.49E for scientific study of environment impact assessment.												
265. Refer Navarea VIII messages 198 and 256 of 2010. India West Coast – Off Mumbai. Charts 21 22 255 292 INT 705 INT 706. Following rigs moved to new position as given below <table border="0"> <tr> <td>ABAN II</td> <td>20-23.62N</td> <td>072-09.95E</td> </tr> <tr> <td>BADRINATH</td> <td>18-31.98N</td> <td>072-00.92E</td> </tr> <tr> <td>NOBLE GEORGE MCLEOD</td> <td>19-25.99N</td> <td>071-13.06E</td> </tr> <tr> <td>SAGAR SHAKTI</td> <td>19-17.49N</td> <td>072-03.81E</td> </tr> </table> <p>2. Mariners to exercise caution.</p>	ABAN II	20-23.62N	072-09.95E	BADRINATH	18-31.98N	072-00.92E	NOBLE GEORGE MCLEOD	19-25.99N	071-13.06E	SAGAR SHAKTI	19-17.49N	072-03.81E
ABAN II	20-23.62N	072-09.95E										
BADRINATH	18-31.98N	072-00.92E										
NOBLE GEORGE MCLEOD	19-25.99N	071-13.06E										
SAGAR SHAKTI	19-17.49N	072-03.81E										
266. India West Coast – Arabian Sea. Charts 21 251 253 292 293 INT 705. Survey vessel Sagar Sandhani will carry out seismic survey from 01 May 2010 to 15 Jun 2010 in area bounded by <table border="0"> <tr> <td>(a)</td> <td>18-57.44N</td> <td>071-04.14E</td> <td>(b)</td> <td>19-08.24N</td> <td>071-31.15E</td> </tr> <tr> <td>(c)</td> <td>15-58.35N</td> <td>071-35.18E</td> <td>(d)</td> <td>18-48.37N</td> <td>071-07.42E</td> </tr> </table> <p>2. Vessel is towing two streamers of length 5000 metres. Each trailing ends are attached to tail buoy with radar reflector and flashing normally red and green light spread over a width of 100 metres. 3. All vessels operating in vicinity are to maintain a clearance of 1.5 NM on either side 2.5 NM ahead and 5.5 NM astern of the vessel and exercise caution. 4. Cancel this message on 16 Jun 2010.</p>	(a)	18-57.44N	071-04.14E	(b)	19-08.24N	071-31.15E	(c)	15-58.35N	071-35.18E	(d)	18-48.37N	071-07.42E
(a)	18-57.44N	071-04.14E	(b)	19-08.24N	071-31.15E							
(c)	15-58.35N	071-35.18E	(d)	18-48.37N	071-07.42E							
267. India West Coast – Arabian Sea. Charts 21 251 253 255 292 INT 705. survey vessel Bos Angler will carry out seismic survey from 01 May 2010 to 31 May 2010 in area bounded by <table border="0"> <tr> <td>(a)</td> <td>20-31.50N</td> <td>070-54.30E</td> <td>(b)</td> <td>20-31.50N</td> <td>071-37.60E</td> </tr> <tr> <td>(c)</td> <td>20-25.90N</td> <td>071-37.60E</td> <td>(d)</td> <td>20-25.90N</td> <td>070-54.30E</td> </tr> </table> <p>2. Vessel is towing four streamers of length 6000 metres. Each trailing ends are attached to tail buoy with radar reflector and flashing white light spread over a width of 400 metres. 3. All vessels operating in vicinity are to maintain a clearance of 01 NM on either side 02 NM ahead and 05 NM astern of the vessel and exercise caution. 4. Cancel this message on 01 Jun 2010.</p>	(a)	20-31.50N	070-54.30E	(b)	20-31.50N	071-37.60E	(c)	20-25.90N	071-37.60E	(d)	20-25.90N	070-54.30E
(a)	20-31.50N	070-54.30E	(b)	20-31.50N	071-37.60E							
(c)	20-25.90N	071-37.60E	(d)	20-25.90N	070-54.30E							
268. Andaman Sea – Great Nicobar Island. Charts 33 41 409 471 472 4007 INT 706. Indira Point light 06-45.18N 093-49.57E will remain unlit till 15 May 2010 for maintenance. 2. Cancel this message on 16 May 2010.												
269. Self Cancelling. Navarea VIII-warning inforce. 2010 Series – 114 120 133 138 160 195 196 198 199 200 201 209 213 221 223 224 226 231 232 235 238 241 242 243 244 247 250 251 252 256 258 260 261 262 263 264 265 266 267 268												

- 270. Cancel Navarea VIII message 226 of 2010. India East Coast- Bay of Bengal.** Charts 32 355 356 INT 706. Survey vessel Akadmik Fersman will carry out 2D seismic survey operations from 01 May 2010 to 12 May 2010 in area bounded by
- | | | | | | |
|-----|-----------|------------|-----|-----------|------------|
| (a) | 15-21.60N | 080-39.60E | (b) | 14-42.80N | 081-02.30E |
| (c) | 15-52.60N | 082-54.10E | (d) | 16-31.43E | 082-36.00E |
- Vessel will tow 4500 metres long marine seismic cable. End marked with flashing light and radar responder.
 - All vessels operating in vicinity to exercise caution and maintain a clearance of 04 NM all around the vessel.
 - Cancel this message on 13 May 2010.



SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

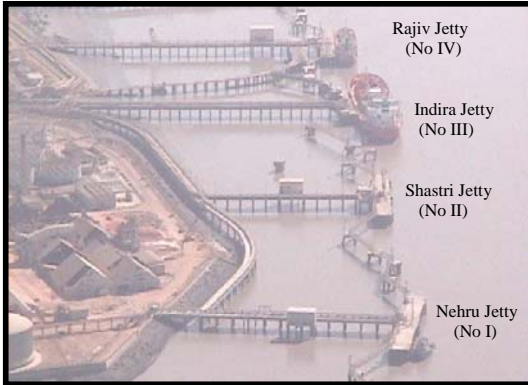
West Coast of India Pilot (INP-1)

Chapter – 9 (Page 283-286)

Source: Kandla Port Trust

Article 9.139

Insert Photograph after Para 1



(Photo Courtesy: INHO)

Kandla Port

Article 9.144

Delete Para 1 and replace by

1 Over 3000 vessels visited the port and 60 million tons of cargo was handled in the year 2009.

Article 9.145

Delete Para 1 and replace by

1 **Port authority** is exercised by

The Chairman
Kandla Port Trust
Post Box No 50
Gandhidham (Kutch)
Gujarat – 370201
Web: www.kandlaport.gov.in

Capt. HK Sibal
Deputy Conservator
Tel: +91 02836 233585
Fax: +91 02836 233585
Email: hksibal@yahoo.com

Capt DS Katoch
Harbour Master
Head Marine Department
Tel: +91 02831 270201
Mobile: +91 09828232982

Article 9.147

Delete Para 1 and replace by

1 Cargo Jetty (Berth no. 11) is the longest berth of the port. Length - 281m.

Article 9.151

Insert new Para 3, 4 and 5 after Para 2

3 **Rainfall** an average rain fall (annual) of 458.17mm is recorded in the area.

4 **Temperature** maximum and minimum temperature recorded in the area is 46.1°C and 7.2°C respectively.

5 **Wind** under mentioned chart depicts the direction and magnitude of the wind in the area throughout the year.

Months	Wind Speed (km/h)		Direction
	Average	Maximum	
Jan – Feb	7	34	N/NNW/ENE
Mar – Sep	12	52	SW/WSW
Oct – Dec	6	42	N/NNE

Article 9.156

Delete Para 3 and replace by

3 **Tugs** nine tugs of 35/50 ton bollard pull are available 24 hrs. Requesting authority is harbour master. Communication with tugs on VHF ch 8,10 and 12. Hiring charges are as per the Scales of Rates of Kandla Port Trust.

Delete article 9.161 and replace by

Spoil grounds **9.161**

1 An alternate spoil grounds is established at position 22° 56'.7N, 70° 14'.7E marked by light buoys (Fl 8s).

2 Two Dumping grounds of 1000m radius centred at the following positions.

- (a) 22° 54'.0N, 70° 09'.0E
(b) 22° 51'.0N, 70° 10'.0E

Article 9.171

Insert new Para after Para 3

4 **Flotilla jetty** a new Flotilla jetty about 130m long has been constructed north of passenger jetty, Lay of berth is 356°-176°.

Article 9.171

Insert new photograph after Para 4



(Photo Courtesy: INHO)

IOC Jetty

Article 9.171

Insert new table after Para 4

Berthing and Wharfs	
Berth No.	Length (m)
01	182.93
02	182.93
03	182.93
04	182.93
05	205.79
06	205.79
07	238.64
08	213.64
09	182.92
10	209.41
11	281.00
12	264.00
Oil Jetty 1	89.60
Oil Jetty 2	109.80
Oil Jetty 3	84.79
Oil Jetty 4	110.00
IFFCO	110.00
IOCL	110.20

Article 9.176

Delete Para 1 and replace by

1. **Cargo Handling Facilities**

(a) **Crane** Sixteen Wharf cranes include four of 3/6 tons capacities and four Heavy Duty Modern State-of-the-art Level Luffing of 12/16 tons.

(b) **Weighbridges** there are nine weighbridges inside the port.

Capacity	Quantity
40 MT	4
50 MT	1
60 MT	1
80 MT	1
40 MT	1 (private)
20 MT	1 (private)

(c) **Other Support Equipment** loading equipments such as Forklifts, Tractor, Trailors, Pay-loaders of various capacities. Private handling, equipments like Mobile Cranes, Top litters, pay-loaders, Heavy-duty Trailors etc. are easily available on hire.

Article 9.175

Delete text '**Repairs**', Para 1 and replace by

Sl	Services	Remarks
(a)	Repairs	There are two floating docks; the largest, length 111.0 m, width 27.2 m with a lifting capacity of 2700 tonnes, where minor repairs can be effected, it can accommodate vessels up to 100 m in length and draught 4.5 m. Divers can be arranged.
(b)	Communication	Radio/ Telegram/ Fax/ Telephone available
(c)	Internet	Available at Seafarers Welfare Centre
(d)	Medical	Port Hospital located at Kandla
(e)	Ambulance	Available 24 hrs at cargo jetty area

Sl	Services	Remarks
f	Quarantine	Port health officer boards and clear the vessel
g	Chandlery and Stevedores	Arranged by private ship chandlers.
h	Compass adjustment	Arranged by private suppliers
i	Tank Cleaning	Arranged by private suppliers
j	Hull Painting	Arranged by private suppliers
k	Police	Local police station at Kandla
l	Fire fighting	Available 24 hrs
m	Navigational Warning	Available. Issued by Indian Meteorological Department
n	Garbage Disposal	Port has agreement with private contractors
o	Waste oil disposal	Port has agreement with private contractors
p	Helicopter Landing Facility	At Kandla Airport
q	Rescue and Distress	Salvage, lifeboats, lifeguards etc can be arranged through private agents.
r	Shore Leave	As per Government rules
s	Clubs/Recreation	Seamen's Club available at Kandla
t	Foreign Exchange/ Banks	Available near the port.

2 **Places of Interest** Museum at Bhuj, Aina Mahal, Dhola Vira.

3 **Hotels/Restaurants** Available at Gandhidham, Port town (13 km from Port). Vegetarian and non vegetarian foods are served in these hotels.

Article 9.177

Delete Para 1 and replace by

1 **Supplies** Fuel (oil and Diesel), Fresh water at berths and by barge, Fresh Provisions, Charts can be arranged through private suppliers/agents.

Article 9.179

Delete Para 1 and replace by

1 **Security** Port complies with all the requirements of International Ship & Port Facility Security Code (ISPS). All the custom and immigration regulation is followed as per prevailing regulation. Kandla lies in a controlled area where special security regulations are in force; photography of shore installations is forbidden.

**Bay of Bengal Pilot (INP-2)
Capter 2 (Page 98)
(Source: INS Sandhayak)**

Article 2.6

Insert Photograph after Para 1



(Photo Courtesy: INS Sandhayak)

Nagapattinam Port

Article 2.11

Insert a new Para after Para 2

3 Rocks and Obstructions rocks and piles exist near and adjacent to the navigable channel. Rock awash at chart datum is present in position $10^{\circ} 45'.8N, 79^{\circ} 51'.1E$. Sand bar exist at the tip of south break water. Mariners to exercise caution while approaching the channel.



(Photo Courtesy: INS Sandhayak)

Piles adjacent to Break Water

Article 2.15

Delete Para 4 and replace by

4 Port Authority The port is administered by a Port Officer. Working hours of the port office is 0900 to 1300 and 1400 to 1800. It is closed on Saturday, Sunday and State Government holidays. However with prior information of arrival of vessels the port office is manned. The address of Port Officer is

Port Officer
P.B. No.6
First Line Beach
Nagappattinam
Tamil Nadu – 611001
Tele: +91 4365 242363/242255
Fax: +91 4365 242363

CORRECTIONS TO INDIAN NOTICES TO MARINERS
ANNUAL EDITION – 2010

Section IV, Page No. 67

DETAILS OF INDIAN CHART AGENTS

Insert following Address:

M/s GLOBAL CHARTS AND NAVAIDS PVT. LTD.
1-A, Goa Mansion, Ground Floor
58, DR. Sunderlal Bahl Path,
Near GPO Fort,
Mumbai-400 001
Tel: +91-22-22626318, 22626380, FAX: 91-22-22621488
Email: sales@globalcharts.in

Delete following Address:

M/s Marine Aids, No- 243, 2nd Floor,
Linghi Street, Chennai-600 001
Tel: (O) 91-044-25247810
(R) 91-044-24798530,
Fax: 044-25247810

CORRECTIONS TO INDIAN NOTICES TO MARINERS
SPECIAL EDITION – 2008

Special Notice No. 28, Page No. 199

LIST OF DEPOTS AND CHARTS AGENTS FOR THE SALE OF INDIAN CHARTS AND
OTHER HYDROGRAPHIC PUBLICATIONS

Insert following Address:

M/s GLOBAL CHARTS AND NAVAIDS PVT. LTD.
1-A, Goa Mansion, Ground Floor
58, DR. Sunderlal Bahl Path,
Near GPO Fort,
Mumbai-400 001
Tel: +91-22-22626318, 22626380, FAX: 91-22-22621488
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Linghi Street, Chennai-600 001
Tel: (O) 91-044-25247810
(R) 91-044-24798530,
Fax: 044-25247810

Special Notice No. 7, Page No. 49***Insert after, MRCC Port Blair***

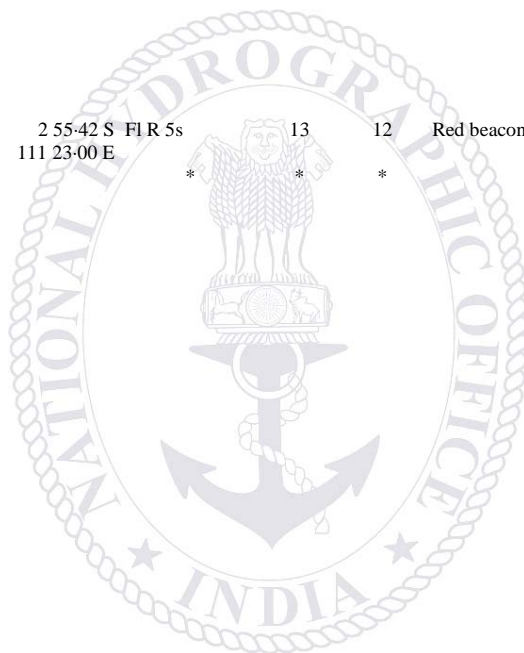
(iv) **ISSR (North West)** – The Coast Guard Regional Headquarters (North West) has been activated at Gandhinagar, Gujarat w.e.f 01 Sep 09. The jurisdiction of the full Coast Guard Regional Headquarters (North West) will constitute the area in Arabian Sea, North of latitude 20 Degrees 10 Minutes North, from the High Tide Line on the West Coast of India, extending up to the limit of the Indian Search and Rescue Region including EEZ. The coordinates of ISSR above 20 Degrees 10 Minutes North latitude are as follows:-

- (a) 20° 10'N 072° 36'E
- (b) 20° 10'N 064° 40'E
- (c) Extending along the notional IMBL between India and Pakistan.

Source: HQ CGR(NW), Gandhinagar.

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
E6152	- Balfe Point	12 39.37 N 43 23.24 E	Fl W 4s	13	11	Black lantern on stone tower 8	Vis 343°-192°(209°). Reported Fl R 4s (T) 2010
--		..	AIS				*
				*			*
F1696	- Batu Berhanti. W Reef (I)	1 11.09 N 103 52.99 E	Fl W 8s	16	13	White beacon, red band 10	<i>fl 0-7.</i> Ra refl ILRS Vol 2 Station 86300
---		..	Racon	*
K0939-7	Remove from list						
K0941	Remove from list						
K0947	Remove from list						
K1411	Teluk Kotawaringin. Off Tg Putri	2 55.42 S 111 23.00 E	Fl R 5s	13	12	Red beacon	<i>fl 0-5.</i> Ra refl
			*	*	*		*



SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 04 dated 16 Feb 10)

NIL

BA, VOLUME 3 Part 1, NP 283(1), 2006/07

(Last correction: Edition No. 15 dated 01Aug 2006)

NIL

INP 31(5), 1997

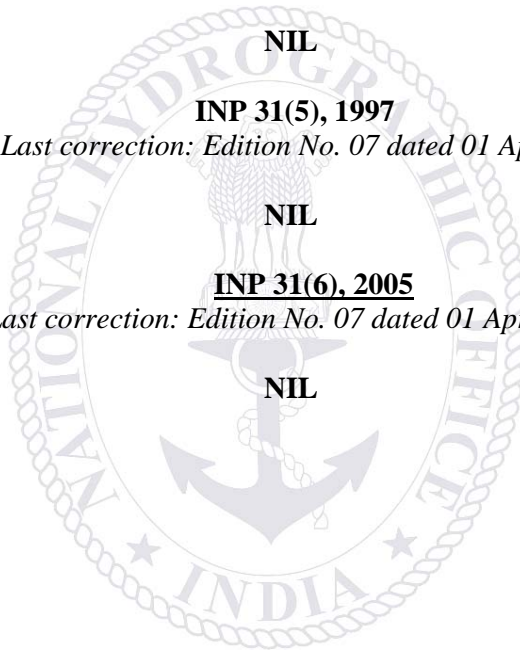
(Last correction: Edition No. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 07 dated 01 Apr 2010)

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@dataone.in; inho_marinesafety@dataone.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 harbor 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 harbor etc.	
23 Any other information considered to be useful for the mariners	

Filled By
(Name & Designation)

Checked by
(Name & Designation)

Place
Date