



# INDIAN NOTICES TO MARINERS FOR 2008

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

EDITION No. 04 DATED 16 FEB 2008

(CONTAINS NOTICES 111 TO 142)

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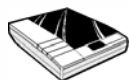
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**Mariner's Obligation and A Chart Maker's Plea.** Observing Changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Govt. of India at the above mentioned address/fax number/ E mail ID 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 X with N to M editions 1, 7, 13 and 19.

**Chief Hydrographer  
to the Government of India**

**National Hydrographic Office  
Post Box No. 75  
Dehradun 248 001  
India**

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For the Indian Ocean Area  
**INSIST ON INDIAN CHARTS AND  
PUBLICATIONS**  
(Original, Authentic and Most Up-to-date)

## **EXPLANATORY NOTES**

**Corrections to Charts and Publications.** Section I comprises List of Charts (both Indian and BA) affected by the notices contained in this edition. Where as 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  $000^{\circ}$  to  $359^{\circ}$ . 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 X.

**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. These corrections are not inserted on charts before they are issued to the users. 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 can not 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.

**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) Where ever 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 & 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.

**INDIAN CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE**

**(a) FORTHCOMING CHARTS AND PUBLICATIONS**

Chart No	Title	Scale	Remarks
2010	KARWAR NAVAL HARBOUR	12 500	New Edition
2011	JAIGARH HARBOUR; PORT DABHOL	25 000 25 000	New Edition
2028	APPROACHES TO RATNAGIRI MIRYA AND RATNAGIRI BAYS	60 000 15 000	New Edition
3003	PONDICHERRY ANCHORAGE CUDDALORE ANCHORAGE	25 000 25 000	New Edition

**(b) NEW INDIAN ELECTRONIC NAVIGATIONAL CHARTS:**

Sl. No.	Cell Name	Chart No.	Title	Publication Date
1	IN64012P	4012	PORT BLAIR INNER HARBOUR	30-06-2007

**(c) NEW EDITION ELECTRONIC NAVIGATIONAL CHARTS:**

Sl. No.	Cell Name	Chart No.	Title	Publication Date
1	IN53024B	3024	BAVANAPADU ANCHORAGE	31-07-2007

**(d) ENCs PERMANENTLY WITHDRAWN:**

Sl. No.	Cell Name	Chart No.	Title	Publication Date
1	IN64012P	4012	PLANS IN PORT BLAIR	31-07-2003
2	IN53024B	3024	BAVANAPADU ANCHORAGE	31-09-2005

**AVAILABILITY OF ENCs:**

The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP) and UKHO. UKHO distributes Indian ENCs through the world wide net work of their agents and distributors. Details of UKHO agents / distributors may be obtained from UKHO web site [www.ukho.gov.uk](http://www.ukho.gov.uk) 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- 248 001 Tele: +91 135 2747365 Fax: +91 135 2748373 Email: <a href="mailto:incho@dataone.in">incho@dataone.in</a> Website: <a href="http://www.hydrobharat.nic.in">www.hydrobharat.nic.in</a></p>	<p>Director 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: <a href="mailto:info@c-map.co.in">info@c-map.co.in</a> Website: <a href="http://www.c-map.co.in">www.c-map.co.in</a></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: <a href="mailto:helpdesk@ukho.gov.uk">helpdesk@ukho.gov.uk</a> Web site: <a href="http://www.ukho.gov.uk">www.ukho.gov.uk</a></p>
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**SECTION – I**  
**List of charts affected by**  
**The Notices 111 to 142 contained in this Edition**

<b>INDIAN H.O. Chart No.</b>	<b>Folio No.</b>	<b>Notice No.</b>	<b>INDIAN H.O. Chart No.</b>	<b>Folio No.</b>	<b>Notice No.</b>
20	1	127	2024	3	118
21	2	113,114,117,141(T)	2031	2	112
22 (INT 752)	3	117,118,119,120	2040	2	113
23	4	120	2060	2	139(T)
31	5	122,123	2063	4	131
32 (INT 754)	5	121,122,123,132	2068	2	112,139(T)
33	5	124,132	2076	3	116
41	6	124	2079	2	139(T)
203 (INT 7319)	2	139(T)	3001	5	132
204	2	113,114	3031	5	122
205	2	113,114	4035	6	111
207	2	140(T)	7508(INT 508)	7	138
211	3	115,116,117,141(T)	7705(INT 705)	1	114,117
215	3	118	7706(INT 706)	1	117,120,122,123,132
216	3	118	7707(INT 707)	1	120,138
223	4	120	7708(INT 708)	1	138
225	4	131			
252 (INT 7325)	2	113,114			
254 (INT 7331)	2	140(T)			
255 (INT 7334)	3	115,117,141(T)			
257 (INT 7343)	3	118	<b>ADMIRALTY Chart No.</b>	<b>Folio No.</b>	<b>Notice No.</b>
260 (INT 7362)	3	120	666	36	125
261	4	120	941A	46	138
262	4	120	1066	60	137
263 (INT 7383)	4	120	1223	40	130
264	4	120,131	2056	46	138
268 (INT 7353)	4	131	2139	45	134
273	4	119	2403	45	135,142(T)
286	1	119	2781	46	138
288	1	126	2785	46	138
289	1	127,128,129	2882(INT 7264)	40	128,129
292 (INT 7021)	2	127	2883	40	127
293 (INT 7022)	3	113,114,115,117,141(T)	2884(INT 7278)	40	129
313	5	115,117,118,141(T)	2886	40	127
315	4	132	2895	32	126
316	4	121	2896	32	126
355 (INT 7405)	5	121	2964(INT 758)	32	126
356 (INT 7400)	5	123	3774	30	128
357 (INT 7397)	5	122,132	3785	32	126
358 (INT 7394)	5	132	3788	40	127
406	4	121	3790(INT 7252)	40	127
472 (INT 7032)	6	124	3831	45	135,136,142(T)
473(INT 7031)	6	124	3833	45	135,136,142(T)
2001	3	124	3937	45	136
2013	2	116	4037	45	135,142(T)
2015 (INT 7337)	3	112	4041	45	135,136,142(T)
2016(INT 7336)	3	116,117	5502	45	133,135,142(T)
		115,116,117,141(T)			

**SECTION – II: PERMANENT NOTICES**  
**INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS**

<b>*111(04/08)</b>		<b>Miscellaneous updates to charts</b>	
Source: NHO Dehradun			
<b>Chart No.</b>	<b>Previous Updates</b>	<b>Details</b>	
<b>Chart 4035</b>	039/08	Insert magenta limit and chart 4039 at the following Geographical Co-ordinates.	
		LL_LAT: 06° 55'·15N.	LL_LONG: 93° 53'·85E.
		UR_LAT: 07° 01'·80N.	UR_LONG: 93° 58'·17E.
-----	-----	<b>Refer to Section VIII, Page 27, line 1 of INM 03 of 2008 dated 01 Feb 08.</b>	
		<b>Read</b> PAGE 135, INDONESIA, before SIBUKO BAY TERMINAL, Kalimantan.	
		<b>Instead of</b> PAGE 155, INDONESIA, before SIBUKO BAY TERMINAL, Kalimantan.	

**\*112/(04/08) INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Buoy.**


Source: GMB, Port of Okha and Navarea VIII 016 of 08

(HJ/1131/20)


**Chart 2068** [previous update 088/08 ]

Insert  No.2 22° 29'·46N., 69° 05'·68E.

**Chart 2031** [previous update 089/08 ]

Move  No.2 from: 22° 29'·42N., 69° 05'·66E.  
to: 22° 29'·46N., 69° 05'·68E

**Chart 2013** [previous update 089/08 ]

Move  No.2 from: 22° 29'·42N., 69° 05'·66E.  
to: 22° 29'·46N., 69° 05'·68E

**\*113/(04/08) INDIA – WEST COAST – Porbandar Anchorage – Wreck.**

Source: MRCC (Mumbai)

(HJ/1131/10)

**Wreck of Dhow Safina-Al-Abbasi**

**Chart 21** [previous update 091/08 ]

Insert  21° 37'·76N., 69° 36'·11E.

**Chart 292 (INT 7021)** [previous update 091/08 ]

Insert  21° 37'·76N., 69° 36'·11E.

**Chart 252 (INT 7325)** [previous update 590/05 ]

Insert  21° 37'·76N., 69° 36'·11E.

**Chart 204** [previous update 590/05 ]

Insert  21° 37'·76N., 69° 36'·11E.

**Chart 205** [previous update 092/07 ]

Insert  21° 37'·76N., 69° 36'·11E.

**Chart 2040** [previous update 448/06 ]

Insert  21° 37'·76N., 69° 36'·11E..


**Cancel former INM 105(T)/07**

**\*114/(04/08) INDIA – WEST COAST – Navibandar to Veraval – Wreck.**

Source: DG Commcentre and MRCC (Mumbai)


(HJ/1131/10)

Wreck of MV Mariam Trans

**Chart 7705 (INT 705)** [previous update 091/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Chart 21** [previous update 113/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Chart 292 (INT 7021)** [previous update 113/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Chart 252 (INT 7325)** [previous update 113/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Chart 204** [previous update 113/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Chart 205** [previous update 113/08 ]Insert  21° 28'·46N., 69° 24'·81E.**Cancel former INM 347(T)/07****\*115/(04/08) INDIA – WEST COAST – Inner Approaches to Mumbai – Anchorage Area . Legend.**

Source: Mumbai Port Trust

(HJ/1030/87)

**Chart 292 (INT 7021)** [previous update 114/08 ]Insert Legend, *Anchorage A*, centered on: 19° 06'·00N., 72° 32'·50E.*Limit of Anchorage Area*  joining: 18° 35'·35N., 72° 33'·51E.

18° 45'·82N., 72° 23'·38E.

18° 53'·00N., 72° 31'·72E.

18° 42'·00N., 72° 41'·76E.

18° 44'·00N., 72° 31'·00E.

Legend, *Anchorage B*, centered on:**Chart 293 (INT 7022)** [previous update 091/08 ]Insert Legend, *Anchorage A*, centered on: 19° 06'·00N., 72° 32'·50E.*Limit of Anchorage Area*  joining: 18° 35'·35N., 72° 33'·51E.

18° 45'·82N., 72° 23'·38E.

18° 53'·00N., 72° 31'·72E.

18° 42'·00N., 72° 41'·76E.

18° 44'·00N., 72° 31'·00E.

Legend, *Anchorage B*, centered on:**Chart 255 (INT 7334)** [previous update 092/08 ]Insert Legend, *Anchorage A*, centered on: 19° 05'·00N., 72° 32'·00E.*Limit of Anchorage Area*  joining: 18° 35'·35N., 72° 33'·51E.

18° 45'·82N., 72° 23'·38E.

18° 53'·00N., 72° 31'·72E.


18° 42'·00N., 72° 41'·76E.

18° 44'·00N., 72° 31'·00E.

Legend, *Anchorage B*, centered on:


**\*115/(04/08) INDIA – WEST COAST – Inner Approaches to Mumbai – Anchorage Area. Legend.**  
(continued)

**Chart 211** [previous update 594/07 ]

Insert	Legend, <i>Anchorage A</i> , centered on:		19° 05′.00N., 72° 32′.00E.
	<i>Limit of Anchorage Area</i>		<i>joining:</i>
			18° 35′.35N., 72° 33′.51E.
			18° 45′.82N., 72° 23′.38E.
			18° 53′.00N., 72° 31′.72E.
			18° 42′.00N., 72° 41′.76E.
			18° 44′.00N., 72° 32′.00E.

Legend, *Anchorage B*, centered on:

**Chart 2016 (INT 7336)** [previous update 093/08 ]

Insert	Legend, <i>Anchorage A</i> , centered on:		19° 02′.60N., 72° 32′.80E.
	<i>Limit of Anchorage Area</i>		<i>joining:</i>
			18° 48′.55N., 72° 26′.50E.
			(W Border)
			18° 53′.00N., 72° 31′.72E.
			18° 42′.00N., 72° 41′.75E.
			(S Border)
			18° 47′.00N., 72° 31′.00E.

Legend, *Anchorage B*, centered on:

**\*116/(04/08) INDIAN – WEST COAST – Jawahar Lal Nehru Port and Trombay – Wreck. Buoy.**

Source: INS Nirdeshak, ROS – C(N) - 494

(HJ/1030/87)

**Chart 211** [previous update 115/08 ]

Insert		18° 56′.72N., 072° 53′.69E.
		18° 56′.79N., 072° 53′.56E.
		18° 58′.05N., 072° 53′.49E.
		18° 55′.00N., 072° 54′.89E.

**Chart 2016 (INT 7336)** [previous update 115/08 ]

Insert		18° 56′.72N., 072° 53′.69E.
		18° 56′.79N., 072° 53′.56E.
		18° 58′.05N., 072° 53′.49E.
		18° 55′.00N., 072° 54′.89E.

**Chart 2015 (INT 7337)** [previous update 593/07 ]

Insert		18° 56′.72N., 072° 53′.69E.
		18° 56′.79N., 072° 53′.56E.
		18° 58′.05N., 072° 53′.49E.

**Chart 2076** [previous update 551/07 ]

Insert		18° 56′.72N., 072° 53′.69E.
		18° 56′.79N., 072° 53′.56E.
		18° 58′.05N., 072° 53′.49E.
		18° 55′.00N., 072° 54′.89E.

**Chart 2001** [previous update 593/07 ]

Insert		18° 58′.05N., 072° 53′.49E.
--------	---	-----------------------------



**\*117/(04/08) INDIA – WEST COAST – Port of Mumbai – Racon.**

Indian List of Light, Vol. F and K 2003, F - 0514

Source: DLL Mumbai

(HJ/1030/87)

**Chart 7705 (INT 705) [previous update 114/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 7706 (INT 706) [previous update 095/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 21 [previous update 114/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 22 (INT 752) [previous update 099/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 292 (INT 7021) [previous update 115/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 293 (INT 7022) [previous update 115/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 255 (INT 7334) [previous update 115/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 211 [previous update 116/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.00E.**Chart 2016 (INT 7336) [previous update 116/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.03E.**Chart 2015 (INT 7337) [previous update 116/08 ]**Insert  Racon (G), at light 18° 52′.70N., 72° 48′.03E.**\*118/(04/08) INDIAN – WEST COAST – Belekeri to Kundapura (Coondapoor) – Mooring Buoy. Light. Landmark. Conspicuous Objects.**















Indian list of lights, Vol.F&amp;K 2003, F-0638, F-0642, F-0645

Source: INS Nirdeshak, ROS D(N) - 187











(HJ/1030/45)

**Chart 22 (INT 752) [previous update 117/08 ]**Insert  14° 09′.92N., 074° 16′.11E.**Chart 293 (INT 7022) [previous update 117/08 ]**Insert  14° 09′.92N., 074° 16′.11E..**Chart 257 (INT 7343) [previous update 597/07 ]**Insert  14° 09′.92N., 074° 16′.11E.Substitute  (disused) Lt. House for  Fl(3)10s38m9M (Sep to May) 14° 30′.80N., 074° 20′.50E.Delete  Fl(2)10s33m7M (Sep to Jun) 14° 25′.30N., 074° 23′.00E.**Chart 215 [previous update 552/07 ]**Substitute  (disused) Lt. House for  Fl(3)10s38m10M (Sep to May) 14° 30′.80N., 074° 20′.60E.**Chart 216 [previous update 597/07 ]**Insert  14° 09′.92N., 074° 16′.11E.. 14° 25′.26N., 074° 24′.34E.. NAGDEVATA 14° 25′.92N., 074° 24′.42E. MAHABALESHWAR DEV 14° 32′.54N., 074° 19′.03E.

**\*118/(04/08) INDIAN – WEST COAST – Belekeri to Kundapura (Coondapoor) – Mooring Buoy. Light. Landmark. Conspicuous Objects.(Continued)**

Insert		JYOTIRLING VISHWANATH			14° 33′.42N., 074° 19′.45E.	
		DURGAMBIKA			14° 34′.07N., 074° 19′.12E.	
		MURDESHWAR			14° 05′.56N., 074° 29′.15E.	
		RELIANCE TOWER (40)			14° 05′.64N., 074° 29′.62E.	
		BSNL TOWER (50)			14° 05′.76N., 074° 30′.13E.	
		HUTCH TOWER (40)			14° 06′.01N., 074° 29′.57E.	
		CHIMNEY (40)			14° 15′.57N., 074° 26′.33E.	
		TV TOWER (45)			14° 25′.36N., 074° 25′.00E.	
		OBSERVATORY MAST (60)			14° 32′.31N., 074° 18′.93E.	
		RELIANCE TOWER (54)			14° 32′.71N., 074° 19′.57E.	
		AIRTEL TOWER (50)			14° 32′.92N., 074° 19′.52E.	
Substitute		(disused) Lt. House	for		Fl(3)10s38m10M (Sep to May)	14° 30′.80N., 074° 20′.60E.
Delete		Fl(2)10s33m7M (Sep to Jun)			14° 25′.20N., 074° 23′.10E.	

**Chart 2024 [previous update 163/06 ]**

Insert		JYOTIRLING VISHWANATH			14° 33′.42N., 074° 19′.45E.	
		CHIMNEY (40)			14° 15′.57N., 074° 26′.33E.	
		OBSERVATORY MAST (60)			14° 32′.31N., 074° 18′.93E.	
		RELIANCE TOWER (54)			14° 32′.71N., 074° 19′.57E.	
		AIRTEL TOWER (50)			14° 32′.92N., 074° 19′.52E.	
Substitute		(disused) Lt. House	for		Fl(3)10s38m10M (Sep to May)	14° 30′.80N., 074° 20′.50E.
		(disused) Lt. House	for		Fl.R5s7m7M (Sep to Jun)	14° 16′.45N., 074° 26′.54E.
Delete		Fl(2)10s33m7M (Sep to Jun)			14° 25′.20N., 074° 23′.10E.	


**\*119/(04/08) INDIAN OCEAN – Central Lakshadweep – Wreck.**

Source: NHO Dehradun

(HJ/1030/07)

**Wreck of Fishing Vessel Isabel III.**

**Chart 22 (INT 752) [previous update 118/08 ]**

Insert  10° 02′.00N., 072° 14′.00E.

**Chart 273 [previous update 099/08 ]**

Insert  10° 02′.00N., 072° 14′.00E.

**Chart 268 (INT 7353) [previous update 099/08 ]**

Insert  10° 02′.00N., 072° 14′.00E.

**Cancel former INM 407(P)/06**

**\*120/(04/08) INDIA – SOUTH COAST – Kolachel to Manappad – Racon.**

Indian List of Light, Vol. F and K 2003, F - 0726

Source: DLL Chennai

*(HJ/930/82)***Chart 7707 (INT 707) [previous update 641/07 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 7706 (INT 706) [previous update 117/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 22 (INT 752) [previous update 119/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 23 [previous update 099/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 260 (INT 7362) [previous update 094/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 261 [previous update 094/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 262 [previous update 063/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 263 (INT 7383) [previous update 553/07 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**Chart 223 [previous update 094/08 ]**Insert  Racon (C), at light 08° 04′.80N., 77° 32′.80E.**\*121/(04/08) SRI LANKA AND INDIA – Palk Bay Eastern Position – Wreck.**

Source: NHO Dehradun

*(HJ/1029/00)***Wreck of Fishing Boat.****Chart 32 (INT 754) [previous update 095/08 ]**Insert  PA 10° 10′.00N., 79° 50′.00E.**Chart 358 (INT 7394) [previous update 493/07 ]**Insert  PA 10° 10′.00N., 79° 50′.00E.**Chart 315 [previous update 323/07 ]**Insert  PA 10° 10′.00N., 79° 50′.00E.**Chart 316 [previous update 323/07 ]**Insert  PA 10° 10′.00N., 79° 50′.00E.**Cancel former INM 380(T)/03**

**\*122/(04/08) INDIA – EAST COAST – Plans on East Coast – Krishnapatnam Anchorage – Racon.**

Indian List of Light, Vol. F and K 2003, F - 0952

Source: DLL Visakhapatnam

*(HJ/1029/49)***Chart 7706 (INT 706) [previous update 120/08 ]**

Substitute Racon (C) for RC, at light 14° 15'·22N., 80° 07'·69E.

**Chart 31 [previous update 099/08 ]**

Substitute Racon (C) for RC, at light 14° 15'·22N., 80° 07'·69E.

**Chart 32 (INT 754) [previous update 121/08 ]**

Substitute Racon (C) for RC, at light 14° 15'·22N., 80° 07'·69E.

**Chart 356 (INT 7400) [previous update 282/07 ]**

Substitute Racon (C) for RC, at light 14° 15'·22N., 80° 07'·69E.

**Chart 3031 [previous update 515/06 ]**

Substitute Racon (C) for RC, at light 14° 15'·22N., 80° 07'·69E.

**\*123/(04/08) INDIA – EAST COAST – Ramaypatnam to Sacramento Shoal – Racon**

Indian List of Light, Vol. F and K 2003, F - 0957

Source: DLL Visakhapatnam

*(HJ/1029/68)***Chart 7706 (INT 706) [previous update 122/08 ]**

Substitute Racon (B) for RC, at light 16° 19'·04N., 81° 43'·53E.

**Chart 31 [previous update 122/08 ]**

Substitute Racon (B) for RC, at light 16° 19'·04N., 81° 43'·53E.

**Chart 32 (INT 754) [previous update 122/08 ]**


Substitute Racon (B) for RC, at light 16° 19'·04N., 81° 43'·53E.

**Chart 355 (INT 7405) [previous update 558/07 ]**

Substitute Racon (B) for RC, at light 16° 19'·04N., 81° 43'·53E.

**\*124/(04/08) ANDAMAN SEA – India Andaman Islands – Little Andaman Island to Ten Degree Channel – Wreck.**

Source: Headquarters Andaman and Nicobar

*(HJ/1028/00)***Wreck of TUG SE Mariam II.****Chart 33 [previous update 099/08 ]**Insert  10° 44'·58N., 92° 22'·60E.**Chart 41 [previous update 076/08 ]**Insert  10° 44'·58N., 92° 22'·60E.**Chart 472 (INT 7032) [previous update 039/08 ]**Insert  10° 44'·58N., 92° 22'·60E.**Chart 473 (INT 7031) [previous update 038/08 ]**Insert  10° 44'·58N., 92° 22'·60E.**Chart 406 [previous update 407/07 ]**Insert  10° 44'·58N., 92° 22'·60E.**Cancel former INM 429(P)/06**

**125/(04/08) KENYA - Port Mombassa - Port Kilindini - Shimanzi - Depths.**

Source: BA Notice 478/08

(HJ/834/50)

**BA Chart 666** [previous update 359/07 ]

Insert	depth 9 <sub>6</sub> enclosed by 10m contour		4° 02′.616S., 39° 38′.292E.
		(a)	4° 02′.627S., 39° 38′.337E.
	depth 12 <sub>3</sub>	(b)	4° 02′.736S., 39° 38′.579E.
	depth 15 <sub>1</sub>	(c)	4° 02′.923S., 39° 38′.669E.
	20m contour, joining:	(d)	4° 02′.795S., 39° 38′.604E. (existing contour)
		(e)	4° 02′.970S., 39° 38′.678E. (existing contour)
Substitute	depth 6 <sub>4</sub> for depth 7 <sub>9</sub>		4° 02′.700S., 39° 38′.523E.
Delete	depth 12 <sub>2</sub> , close E of:	(a)	above
	depth 14, adjacent to:	(b)	above
	depth 20 <sub>3</sub> , adjacent to:	(c)	above
	depth 20 <sub>9</sub>		4° 02′.859S., 39° 38′.636E.
	former 20m contour, joining:	(d)	above 4° 02′.813S., 39° 38′.627E. and (e) above 4° 02′.932S., 39° 38′.677E.

**126/(04/08) OMAN - South East Coast - Port Salalah (Mina -Raysut) - Harbour limit. Radar beacon. Legends. Light.**

Indian List of Light Vol. D and E 2003, D – 7314.05

LRS INP 31 Vol. 2 76240

Source: BA Notice 257/08

**Note: Former INM 469(P)/07 is cancelled**

(HJ/1032/65)

**Chart 286** [previous update 494/07 ]

Delete	 Iso.2s9M	(a)	16° 56′.6N., 54° 00′.7E.
	radar beacon, Racon(Q), at light	(a)	above

**BA Chart 2895** [previous update 494/07 ]


Insert	the accompanying note, PORT DEVELOPMENT, centred on:		16° 59′.70N., 53° 47′.80E.
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**BA Chart 2896** [previous update 452/07 ]


Insert	the accompanying note, PORT DEVELOPMENT, centred on:		16° 55′.30N., 53° 56′.70E.
	harbour limit, pecked line, joining:	(a)	16° 59′.65N., 54° 04′.00E. (shore)
		(b)	16° 54′.00N., 54° 04′.00E.
		(c)	16° 54′.00N., 53° 58′.00E. 16° 54′.49N., 53° 58′.00E. (shore)
	legend, <i>Port Salalah Port Limit</i> , along:	(a)-(b)	above
		(b)-(c)	above
	depth 9 <sub>2</sub> and extend 10m contour NE to enclose		16° 58′.22N., 54° 03′.36E.
	depth 13 <sub>5</sub>	(d)	16° 57′.54N., 54° 03′.83E.
	radar beacon, <i>Racon(Q)</i> , at light-buoy		16° 56′.96N., 54° 02′.67E.
	Delete depth 13 <sub>8</sub> , close W of:	(d)	above

**126/(04/08) OMAN - South East Coast - Port Salalah (Mina -Raysut) - Harbour limit. Radar beacon. Legends. Light .(continued)**

**BA Chart 2964 (INT 758) [previous update 451/07 ]**

Delete  Iso.2s9M (a) 16° 56'·8N., 54° 00'·9E.  
radar beacon, Racon(Q), at light (a) above

**BA Chart 3785 [previous update 494/07 ]**

Delete  Iso.2s9M (a) 16° 56'·6N., 54° 00'·7E.  
radar beacon, Racon(Q), at light (a) above

**127/(04/08) BAHRAIN - Fasht Al Jarim North-eastwards - Hayr Shutaya -Northwards - Buoy. Radar beacon.**

Indian List of Light Vol. D and E, 2003, D - 7422

ALRS Vol. 2, 2007/08: 77680


Source: BA Notice 531/08

(HJ/1132/69)


**Chart 20 [previous update 073/08 ] (WGS 84 Datum)**

Delete  Fl Shutaya and associated radar beacon, Racon(T) 26° 42'·7N., 50° 50'·4E.


**Chart 288 [previous update 073/08 ] (WGS 84 Datum)**

Delete  LFl.10s Shutaya and associated radar beacon, Racon(T) 26° 42'·7N., 50° 50'·4E.


**Chart 289 [previous update 071/08 ] (WGS 84 Datum)**

Delete  LFl.10s Shutaya and associated radar beacon, Racon(T) 26° 42'·7N., 50° 50'·4E.


**BA Chart 2883 [previous update 071/08 ]**

Delete  LFl.10s Shutaya and associated radar beacon, Racon(T) 26° 42'·7N., 50° 50'·4E.


**BA Chart 2886 [previous update 071/08 ]**

Delete  LFl.10s Shutaya and associated radar beacon, Racon(T) 26° 42'·8N., 50° 50'·5E.

**BA Chart 3788 [previous update 072/08 ]**

Delete  Shutaya LFl.10s and associated radar beacon, Racon(T) 26° 42'·6N., 50° 50'·3E.

**BA Chart 3790 (INT 7252) [previous update 562/07 ]**

Delete  LFl.10s Shutaya and associated radar beacon, Racon(T) 26° 42'·7N., 50° 50'·4E.

**128/(04/08) SAUDI ARABIA - East Coast - Lawhah Oilfield - Buoy.**

Source: BA Notice 530/08

(HJ/1133/80)

**Chart 288 [previous update 127/08 ] (WGS 84 Datum)**

Delete  Q 28° 18'·2N., 49° 38'·9E.

**BA Chart 2882 (INT 7264) [previous update 553/07 ]**

Delete  Q 28° 17'·5N., 49° 38'·7E.

**BA Chart 3774 [previous update 331/07]**

Delete  Q Mojil IV 28° 17'·3N., 49° 38'·6E.

**129/(04/08) ARABIA - Dorra Oilfield Westwards - Buoy.**

Source: BA Notice 529/08

(HJ/1133/80)

**Chart 288** [previous update 128/08 ] (WGS 84 Datum)Delete  *Q* 28° 58'·1N., 49° 02'·6E.**BA Chart 2882 (INT 7264)** [previous update 128/08 ]Delete  *Q* 28° 57'·8N., 49° 02'·7E.**BA Chart 2884 (INT 7278)** [previous update 073/08 ]Delete  *Q* *Midnight Moon* 28° 57'·8N., 49° 02'·5E.**130/(04/08) KUWAIT - Mina-. Al Ahmadi- South Pier -Buoyage. Maritime limit. Works.**

Source: BA Notice 518/08

(HJ/1133/91)

**BA Chart 1223 (plan A, Mina -. .Abd Allah, Mina -. Ash Shuaybah and Mina -. Al Ahmadi)** [previous update 478/07 ]Insert  *Q* (a) 29° 04'·60N., 48° 09'·66E.

(b) 29° 04'·03N., 48° 09'·85E.

maritime limit, pecked line, joining:

29° 04'·41N., 48° 09'·57E.

(shore)

29° 04'·55N., 48° 09'·51E.

(a) above


(b) above

29° 03'·99N., 48° 09'·74E.

(shore)

29° 04'·30N., 48° 09'·70E.

legend, Works in progress (2007), centred on:

**BA Chart 1223 (plan B, Mina -. Ash Shu'aybah and Mina -. Al Ahmadi)** [previous update 478/07 ]Insert  *Q GP2* (a) 29° 04'·60N., 48° 09'·66E. *Q GP1* (b) 29° 04'·03N., 48° 09'·85E.

maritime limit, pecked line, joining:

29° 04'·41N., 48° 09'·57E.

(shore)

29° 04'·55N., 48° 09'·51E.

(a) above

(b) above

29° 03'·99N., 48° 09'·74E.

(shore)


legend, Works in progress (2007), centred on:

29° 04'·30N., 48° 09'·70E.


**131/(04/08) SRI LANKA - West Coast - Approaches to Colombo - Submarine cables.**

Source: BA Notice 380/08


*(HJ/930/60)***Chart 264** *[previous update 553/07 ]*

Insert submarine cable,  joining: (a) 6° 55'·6N., 79° 50'·5E.(shore)  
6° 53'·6N., 79° 47'·5E.  
6° 52'·5N., 79° 43'·1E.  
6° 50'·7N., 79° 37'·4E.  
and  
(a ) above  
6° 53'·8N., 79° 48'·6E.  
6° 52'·9N., 79° 46'·8E.  
6° 47'·8N., 79° 38'·0E.


**Chart 263 (INT 7383)** *[previous update 120/08 ]*

Insert submarine cable,  joining: (a) 6° 55'·6N., 79° 50'·5E.(shore)  
6° 53'·6N., 79° 47'·5E.  
6° 52'·5N., 79° 43'·1E.  
6° 50'·7N., 79° 37'·4E.  
and  
(a ) above  
6° 53'·8N., 79° 48'·6E.  
6° 52'·9N., 79° 46'·8E.  
6° 47'·8N., 79° 38'·0E.

**Chart 2063** *[previous update 212/04 ]*

Insert submarine cable,  joining: (a) 6° 55'·57N., 79° 50'·63E.  
(shore)  
6° 53'·79N., 79° 48'·73E.  
6° 53'·12N., 79° 47'·30E.  
6° 52'·80N., 79° 46'·62E.  
(S Border)

**Chart 225** *[previous update 553/07 ]*


Insert submarine cable,  joining: (a) 6° 55'·55N., 79° 50'·50E.  
(shore)  
6° 53'·60N., 79° 47'·48E.  
6° 52'·47N., 79° 43'·12E.  
6° 50'·72N., 79° 37'·37E.  
and  
(a above  
6° 53'·77N., 79° 48'·60E.  
6° 52'·94N., 79° 46'·81E.  
6° 47'·79N., 79° 38'·02E.




**132/(04/08) INDIA - East Coast - Approaches to Chennai (Madras) - Submarine cable.**

Source: BA Notice 382/08


*(HJ/1029/39)***Chart 7706(INT 706) [previous update 123/08 ]**

Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 35'·2N., 80° 39'·7E.


**Chart 32(INT 754) [previous update 123/08 ]**

Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 35'·2N., 80° 39'·7E.


**Chart 33 [previous update 124/08 ]**

Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 35'·2N., 80° 39'·7E.

**Chart 313 [previous update 554/07 ]**


Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 35'·2N., 80° 39'·7E.

**Chart 356 [previous update 122/08 ]**


Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 36'·0N., 80° 38'·8E.

(S Border)

**Chart 357 (INT 7397) [previous update 095/08 ]**

Insert submarine cable,  joining: 13° 01'·3N., 80° 16'·8E.(shore)  
 12° 54'·4N., 80° 24'·6E.  
 12° 41'·7N., 80° 34'·6E.  
 12° 38'·9N., 80° 37'·1E.  
 12° 35'·2N., 80° 39'·7E.

**Chart 3001 [previous update 554/07 ]**

Insert submarine cable,  joining: 13° 01'·22N., 80° 16'·82E.(shore)  
 12° 59'·45N., 80° 19'·01E.  
 12° 58'·25N., 80° 20'·07E.  
 12° 56'·00N., 80° 24'·08E.



(S Border)

**133/(04/08) MALAYSIA - Peninsular Malaysia, West Coast - Approaches to Malacca Strait -Permatang Sedepa (One Fathom Bank) North-westwards - Buoy. Light. Radar beacon.**

Source: BA Notice 460/08

(HJ/927/39)

**BA Chart 5502** [previous update 081/08]

Substitute  for  and associated radar beacon 3° 00′.8N., 100° 51′.9E.

**134/(04/08) MALAYSIA - Peninsular Malaysia, West Coast - Pulau Carey Southwards - Kuala Langat - Buoy.**

Source: BA Notice 384/08

(HJ/927/28)

**BA Chart 2139** [previous update 396/07 ]

Insert  Fl(3)G.10s Kuala Langat 1G 2° 48′.01N., 101° 21′.12E.

**135/(04/08) SINGAPORE STRAIT - Bedok Southwards - Legend.**

Source: BA Notice 556/08

(HJ/927/16)

**BA Chart 2403** [previous update 081/08 ]

Amend legend to, *See INM 142(T)/08*, orientated SW/NE, centred on: 1° 14′.10N., 103° 55′.70E.

**BA Chart 3831** [previous update 081/08 ]

Amend legend to, *Dredging works in progress (see INM 142(T)/08)*, centred on: 1° 14′.87N., 103° 57′.32E.

**BA Chart 3833** [previous update 081/08 ]

Amend legend to, *Dredging works in progress(see INM 142(T)/08)*, centred on: 1° 14′.60N., 103° 56′.30E.

**BA Chart 4037** [previous update 081/08 ]

Amend legend to, *Dredging works in progress (see INM 142(T)/08)*, centred on: 1° 13′.880N., 103° 54′.780E.

**BA Chart 4041** [previous update 081/08 ]

Amend legend to, *Dredging works in progress (see INM 142(T)/08)*, centred on: 1° 14′.50N., 103° 56′.00E.

**BA Chart 5502 (plan, Singapore and Singapore Strait)** [previous update 133/08 ]

Amend legend to, *Dredging works in progress (see INM 142(T)/08)*, orientated SW/NE, centred on: 1° 14′.50N., 103° 56′.20E.

**136/(04/08) INDONESIA - Sumatera - Pulau Batam Northwards - Approaches to Selat Bulan and T Sengkuang Nort westwards -Buoyage.**

Source: BA Notice 557/08

(HJ/927/16)

**BA Chart 3831** [previous update 135/08 ]

Insert  Fl.Y.4s 1° 09′.27N., 103° 55′.70E.

 Fl.Y.3s 1° 13′.33N., 103° 59′.40E.

**136/(04/08) INDONESIA - Sumatera - Pulau Batam Northwards - Approaches to Selat Bulan and T Sengkuang Nort westwards -Buoyage.(continued)**

**BA Chart 3833** [previous update 135/08 ]

Insert		FL.Y.4s	1° 09′.27N., 103° 55′.70E.
		FL.Y.2s	1° 11′.07N., 103° 54′.60E.
		FL.Y.3s	1° 13′.33N., 103° 59′.40E.

**BA Chart 3937 (plan A, Sambu and Sekupang)** [previous update 049/08 ]

Insert		FL.Y.4s	1° 09′.300N., 103° 55′.585E.
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**BA Chart Chart 4041** [previous update 135/08 ]

Insert		FL.Y.4s	1° 09′.27N., 103° 55′.70E.
		FL.Y.2s	1° 11′.07N., 103° 54′.60E.
		FL.Y.3s	1° 13′.33N., 103° 59′.40E.

**137/(04/08) INDONESIA -Kalimantan - South Coast - T. Siamok, Kaget Island & G. Schunyer - Lights.**

Indian List of Light Vol. F and K 2003, K - 1411.4

Source: BA Notice 256/08

(HJ/826/67)

**BA Chart 1066** [previous update 646/07 ]

Amend	light to, Q(2)5s9M	3° 26′.7S., 112° 34′.0E.
	light to, Fl.5s12M	3° 19′.2S., 113° 20′.3E.

**138/(04/08) INDONESIA - Sumatera - South Coast - Pulau Panaitan Westwards - Depths.**

Source: BA Notice 523/08

(HJ/827/35)

**Chart 7508 (INT 508)** [previous update 614/07 ] (WGS 84 Datum)

Insert		(a) 6° 30′.5S., 104° 45′.8E.
Delete	depth 741, adjacent to:	(a) above

**Chart 7707 (INT 707)** [previous update 120/08 ] (WGS 84 Datum)

Insert		(a) 6° 30′.5S., 104° 45′.8E.
Delete	depth 741, adjacent to:	(a) above

**Chart 7708 (INT 708)** [previous update 614/07 ] (WGS 84 Datum)

Insert		6° 30′.5S., 104° 45′.8E.
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**BA Chart 941A** [previous update 051/08 ]

Insert		Rep (2001)	6° 30′.5S., 104° 45′.8E.
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**BA Chart 2056** [previous update 052/08 ]

Insert		Rep (2001)	6° 30′.51S., 104° 45′.79E.
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**BA Chart 2781** [previous update 507/07 ]

Insert		Rep (2001)	6° 30′.5S., 104° 45′.8E.
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**BA Chart 2785** [previous update 051/08]

Insert		Rep (2001)	6° 30′.5S., 104° 45′.8E.
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**SECTION – III: TEMPORARY AND PRELIMINARY NOTICES**

**\*139(T)(04/08) INDIA - WEST COAST –Gulf of Kachchh – Deep Water Route. Buoys.**

Source: DLL Jamnagar

(HJ/1131/20)

1. Following Buoys were reported unlit:
 

(a) Chandri Buoy	22°37′.17N., 69°07′.49E
(b) Sonar Buoy	22°44′.77N., 69°32′.35E
(c) Tilburn	22°37′.20N., 69°31′.90E
(d) Kachchh	22°38′.05N., 69°12′.80E
(e) Narara	22°35′.92N., 69°36′.10E
(f) Gurur Buoy	22°35′.40N., 68°58′.04E
2. Mariners to exercise caution.
3. **Cancel former INM 510(T)/07**

**Charts affected – 203(INT 7319) –2068 – 2060 – 2079**

**\*140(T)(04/08) INDIA – WEST - COAST – Diu Head to Gopnath Point – Buoys.**

Source: DLL Jamnagar and Navarea 511 of 2007

(HJ/1130/07)

1. Buoy No. 7 drifted to position 20° 57′.63N., 72° 07′.75E.
2. Mariners to exercise caution.

**Charts affected – 254(INT 7331) – 207.**

**Cancel former INM 400(T)/07**

**\*141(T)(04/08) INDIA - WEST COAST – Approaches to Mumbai - Lighthouse Operation**

Source: Shipping Corporation of India and Navarea VIII 572/07.

(HJ/1030/87)

1. STS Crude lighthouse operation at LPO Vadinar ceased. The operation is being carried out at LPO Mumbai within 02NM radius of position 18° 56′.00N., 072° 24′.00E.
2. Mariners to exercise caution.
3. **Cancel former INM 346(T)/07.**

**Charts affected – 21 – 211 – 255(INT 7334) – 292(INT 7021) – 293(INT 7022) – 2016(INT 7336)**

**142(T)/ (04/08) SINGAPORE STRAIT - Bedok Southwards - Dredging area.**

Source: BA Notice 555(T)/08

(HJ/927/16)

1. Dredging works are taking place, until December 2011, within the westbound lane of the traffic separation scheme, in an area bounded by the following positions (WGS84 Datum):
 

1° 15′.827N., 103° 57′.737E.
1° 14′.865N., 103° 58′.134E.
1° 13′.298N., 103° 54′.401E.
1° 13′.884N., 103° 54′.131E.
2. Navigational warning broadcasts will be made by Vessel Traffic Service of Singapore (VTIS).
3. Mariners are advised to:
  - (a) Navigate with caution and proceed at a safe speed when approaching the area.
  - (b) Keep well clear of the working vessels.

**BA Charts affected -2403 -3831 -3833 -4037 -4041 -5502**

## SECTION – IV: MARINE INFORMATION

### Distribution of Indian Paper Charts and Nautical Publications

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

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

### Tsunami Notices

#### **52 (T) (01/05) INDIAN OCEAN, BAY OF BENGAL – Changes in bathymetry and Coastline.**

Source: NHO, Dehradun  
 (HJ/NM/Gen)

Major changes likely to have occurred in topography of coastline and bathymetry in Andaman & Nicobar islands, coasts of Andhra Pradesh, Tamilnadu, Kerala, Maldives and Srilanka as a consequence of recent earthquakes followed by Tsunami waves in South Asia. Number of uncharted wrecks/obstructions may also be encountered. Mariners are advised to exercise utmost caution and contact local authorities while approaching these areas.

**Charts affected: All Indian charts of Andaman & Nicobar Islands, coast of Andhra Pradesh, Tamilnadu, Kerala, Maldives and Srilanka**

**\*88 (T) (03/05) INDIA – Nicobar Islands – Katchall Island – Approaches to East Bay – Beacon.**

Source: PMB A &amp; N Islands

*(HJ/928/76)*

1. It is informed that all the three sets of beacons/buoys in East Bay including the jetty and approach has been totally damaged and sunk.
2. Mariners are advised to exercise caution and contact local port authorities for the latest information.
3. Former INM 339 (P)/04 is cancelled.

**Charts affected: 4011 - 4017****\*105 (T) (04/05) INDIA – Andaman Sea – Nicobar Islands – Approaches to East Bay – Jetty..**

Source: Hydrographic Note, INS Sandhayak

*(HJ/928/76)*

It is reported that East Bay Jetty at approx position 07° 58'.68N., 93° 23'.73E. is destroyed due to Tsunami disaster.

**Charts affected: 4011****\*106 (T) (04/05) INDIA – Andaman Sea – Andaman and Nicobar Islands – Beacon. Buoy.**

Source: Port Management Board, Andaman and Nicobar &amp; Hydrographic Note, INS Sandhayak

*(HJ/928/86)*

1. Following buoys/beacons were reported totally damaged and sunk post Tsunami disaster:

**Nancowry Island**

- |                               |                            |
|-------------------------------|----------------------------|
| (d) North east lighted beacon | 08° 01'.60N., 93° 33'.80E. |
| (e) Reid Point beacon         | 08° 01'.48N., 93° 33'.35E. |
| (f) Mayo Point beacon         | 08° 01'.60N., 93° 32'.53E. |

**Mayabundar Island**

- |                       |                            |
|-----------------------|----------------------------|
| (g) Takla west beacon | 12° 55'.53N., 92° 53'.46E. |
|-----------------------|----------------------------|

**Port Blair**

- |                        |                            |
|------------------------|----------------------------|
| (h) Bamboo flat beacon | 11° 41'.33N., 92° 43'.20E. |
| (i) Range flat beacon  | 11° 41'.21N., 92° 43'.06E. |

2. Mariners to exercise caution while navigating through this area.

**Charts affected: 4005 – 4006 – 4008 – 4012 – 4016****\*135 (T) (05/05) ANDAMAN SEA – INDIA – Little Andaman Islands – Hut Bay – Coast line. Jetty. Light.**

Source: INS Sandhayak

*(HJ/1028/07)*

1. It is reported that the coastline in the area had undergone drastic changes. The Hut Bay breakwater has been breached at several places. The entire approach road and breakwater light at position 10° 35'.81N., 92° 33'.83E. has been destroyed. The passenger jetty is not safe to approach as the wreck of the fallen crane is a hazard to navigation.
2. Mariners are to exercise caution while navigating through this area.

**Charts affected: 4010**

## SECTION – V: RADIO NAVIGATIONAL WARNINGS IN FORCE

- For details of NAVAREA limits and organization/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2004.
- NAVAREA Warnings in force:** - The serial numbers of all the NAVAREA warnings in force as on 13 Feb 08, covering the entire world are listed below against the respective NAVAREA.

<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
I	N.E. Atlantic	035	<b>2005 series:</b> 402. <b>2007 series:</b> 019 035 050 199 247 251 279 293 329. <b>2008 Series:</b> 004 005 012 015 0130 032 035.
II	E. Atlantic	050	<b>2008 Series:</b> 015 017 032 040 041 047 049 050 051.
III	Mediterranean	067	<b>2007 series:</b> 519 521. <b>2008 Series:</b> 003 004 005 007 014 015 023 027 028 033 037 039 040 041 042 044 045 046 047 048 049 050 051 052 053 054 055 056 059 061 062 064 065 067.
IV	N.W. Atlantic	062	<b>2007 series:</b> 196. <b>2008 series:</b> Nil.
V	W. Atlantic	087	<b>2007 series:</b> 1078. <b>2008 series:</b> Nil.
VI	S.W. Atlantic	035	<b>2008 series:</b> Nil.
VII	S.E. Atlantic	013	<b>2007 series:</b> 183 185 <b>2008 series:</b> 005 009 010 012 013.
VIII	Indian Ocean	066	<b>2007 Series -</b> 366 367 371 373 380 388 389 396 418 440 511 538 540 572 574 601 602 604 612 624 637 638 641 647 652 653 656 662 664 668 675 690 697 701 <b>2008 Series-</b> 008 009 016 017 026 033 035 036 037 040 041 042 046 047 048 049 051 055 056 057 058 059 062 063 064 065 066

- NAVAREA Warnings issued during the period from 28 Jan 08 to 13 Feb 08(both dates inclusive) are as tabulated below:-

<b>044 to 045. Cancelled.</b>
<b>046. India West Coast - Kochi.</b> Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery between 0330 UTC and 1530 UTC on 05 Feb, 08 Feb, 12 Feb, 15 Feb, 19 Feb, 22 Feb, 26 Feb and 29 Feb 2008 . Danger area bounded by: (a) 09-57.5N., 075-59.5E (b) 09-57.7 N., 076-14.2E (c) 09-44.0 N., 076-17.5E (d) 09-42.5 N., 076-09.5E 2. Safe flying height 10000 metres. 3. Cancel this message on 01 Mar 2008.
<b>047. India Andaman Sea.</b> Charts 33 41 405 473 INT 706. Fish aggregating device (FAD) made of a four empty barrels painted with red colour connected with coconut leaves, spadex, bunches of yellow coloured artificial lure white coloured flag on platform installed by the Fishery Survey of India (FSI) in position 11-28.13 N., 092-44.05E. 2. Mariners to exercise caution
<b>048. India Andaman Islands – Andaman Sea.</b> Charts 33 41 401 402 403 404 473 INT 706. Seismic survey in progress by vessel Geco Toaz in area bounded by: 13-44.0 N., 093-21.0E 13-24.0 N., 094-01.0E 12-03.0 N., 094-01.0E 12-03.0 N., 093-21.0E 2. Vessel towing 08 x 6000 metres long streamer cable and each cable end marked with a yellow colour tail buoy with white flashing light. 3. All vessels operating in vicinity to give 06 NM clearance and exercise caution.

<p><b>049. India East Coast- Visakhapatnam.</b> Charts 31 32 308 354 3002 3012 INT 706. Firing exercise by Naval Coast Battery from 0001 UTC to 0200 UTC and from 1230 UTC to 1430 UTC on 06 Feb and 20 Feb 2008. Danger area bounded by:</p> <p>(a) 17-42.0 N., 083-18.0E (b) 17-47.0 N., 083-32.0E  (c) 17-34.0 N., 083-30.0E (d) 17-28.0 N., 083-18.0E</p> <p>2. Safe flying height 13000 metres.  3. Cancel this message on 21 Feb 2008.</p>																																							
<p><b>050. Cancelled.</b></p>																																							
<p><b>051. India West Coast- Kachchh Basin.</b> Charts 21 251 252 271 291 292 INT 705. Seismic Survey in progress by MV Munin explorer till 15 Feb 2008 in area bounded by:</p> <p><b>Block-1</b></p> <p>(a) 22-31.1 N., 067-32.6E (b) 23-21.9 N., 068-03.0E  (c) 22-07.1 N., 067-54.9E (d) 22-26.1 N., 068-49.7E</p> <p><b>Block-2</b></p> <p>(a) 21-02.3 N., 068-06.0E (b) 21-02.3 N., 069-14.0E  (c) 22-19.7 N., 068-51.4E (d) 22-08.3 N., 068-03.4E</p> <p>2. Vessel towing a single 12000 metre digital fluid field streamer marked by yellow tail buoy with flashing light and GPS tracker with 02 metre mast height.  3. All vessels operating in vicinity to exercise caution and give wide berth.  4. Cancel this message on 16 Feb 2008.</p>																																							
<p><b>052 to 054. Cancelled.</b></p>																																							
<p><b>055. India West Coast – Off Dwarka.</b> Charts 21 204 254 271 291 292 INT 705. Dhow Al Sama sunk in position 22-00.0N., 069-01.0E.</p> <p>2. Mariners to exercise caution.</p>																																							
<p><b>056. Cancel Navarea Eight Message 002 005 023 024 and 054 of 2008. India East Coast– Bay of Bengal.</b> Charts 31 32 33 301 351 352 353 354 355 356 357 3009 INT 706. Present position of Oil Rigs / Drill Ships as follows:</p> <table border="0"> <tr> <td>RIG-31</td> <td>16-25.00N</td> <td>082-08.00E</td> </tr> <tr> <td>ATWOOD BEACON</td> <td>16-41.00N</td> <td>082-26.20E</td> </tr> <tr> <td>PERRO NEGRO III</td> <td>16-40.17N</td> <td>082-25.70E</td> </tr> <tr> <td>DISCOVERER 534</td> <td>16-30.70N</td> <td>082-33.60E</td> </tr> <tr> <td>DEEP WATER FRONTIER</td> <td>16-29.80N</td> <td>082-34.80E</td> </tr> <tr> <td>DISCOVERER SEVEN SEAS</td> <td>16-35.90N</td> <td>082-42.10E</td> </tr> <tr> <td>SAGAR VIJAY</td> <td>17-29.20N</td> <td>083-29.50E</td> </tr> <tr> <td>C KIRK RHEIN JR</td> <td>15-53.20N</td> <td>081-33.40E</td> </tr> <tr> <td>DEEP DRILLER I</td> <td>16-42.90N</td> <td>082-28.80E</td> </tr> <tr> <td>ABAN II</td> <td>21-08.20N</td> <td>088-18.70E</td> </tr> <tr> <td>ACTINIA</td> <td>20-08.60N</td> <td>087-33.60E</td> </tr> <tr> <td>DEEPSEA MATDRILL</td> <td>16-16.30N</td> <td>081-54.80E</td> </tr> <tr> <td>DEEP DRILLER – 4</td> <td>20-47.50N</td> <td>087-58.50E</td> </tr> </table> <p>2. Wide berth requested.</p>	RIG-31	16-25.00N	082-08.00E	ATWOOD BEACON	16-41.00N	082-26.20E	PERRO NEGRO III	16-40.17N	082-25.70E	DISCOVERER 534	16-30.70N	082-33.60E	DEEP WATER FRONTIER	16-29.80N	082-34.80E	DISCOVERER SEVEN SEAS	16-35.90N	082-42.10E	SAGAR VIJAY	17-29.20N	083-29.50E	C KIRK RHEIN JR	15-53.20N	081-33.40E	DEEP DRILLER I	16-42.90N	082-28.80E	ABAN II	21-08.20N	088-18.70E	ACTINIA	20-08.60N	087-33.60E	DEEPSEA MATDRILL	16-16.30N	081-54.80E	DEEP DRILLER – 4	20-47.50N	087-58.50E
RIG-31	16-25.00N	082-08.00E																																					
ATWOOD BEACON	16-41.00N	082-26.20E																																					
PERRO NEGRO III	16-40.17N	082-25.70E																																					
DISCOVERER 534	16-30.70N	082-33.60E																																					
DEEP WATER FRONTIER	16-29.80N	082-34.80E																																					
DISCOVERER SEVEN SEAS	16-35.90N	082-42.10E																																					
SAGAR VIJAY	17-29.20N	083-29.50E																																					
C KIRK RHEIN JR	15-53.20N	081-33.40E																																					
DEEP DRILLER I	16-42.90N	082-28.80E																																					
ABAN II	21-08.20N	088-18.70E																																					
ACTINIA	20-08.60N	087-33.60E																																					
DEEPSEA MATDRILL	16-16.30N	081-54.80E																																					
DEEP DRILLER – 4	20-47.50N	087-58.50E																																					
<p><b>057. India East Coast - Gopalpur.</b> Charts 31 352 353 3005 INT 706. Firing exercise between 2330 UTC to 1800 UTC from 12 Feb to 15 Feb 2008. Danger Area bounded by:</p> <p>(a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.85E  (c) 18-46.05N 085-22.86E</p> <p>and arc of 42 NM radius joining point (b) and (c).</p> <p>2. Safe flying height 6100 metres.  3. Cancel this message on 16 Feb 2008.</p>																																							



**058. India West Coast- Port of Mumbai.** Charts 21 22 211 255 292 293 2015 2016 2076 INT 705 INT 706. Firing exercise by Middle Ground Oyster Rock and Colaba point from 0530 UTC to 0800 UTC on 15 Feb 2008. Danger Area bounded by following co-ordinates:

Middle Ground:

18-54.39N	072-50.35E	18-50.00N	072-54.30E
18-54.30N	072-54.00E	18-55.10N	072-54.50E

Oyster Rock:

18-54.39N	072-50.35E	18-50.00N	072-54.30E
18-48.00N	072-52.00E	18-54.05N	072-49.48E

Colaba Point:

18-48.00N	072-38.00E	18-53.35N	072-48.45E
19-00.00N	072-44.05E	19-00.00N	072-38.00E

2. Safe flying height 2000 meters.

3. Cancel this message 16 Feb 2008.

**059. Cancel Navarea Eight Message 019 of 2008. India West Coast – Arabian Sea.** Charts 21 22 202 211 251 253 255 271 291 292 293 INT 705 INT 706. Present position of Oil rigs / Drill ships as follows :

ABAN III	19-24.03N	071-15.44E
ABAN V	19-19.41N	071-23.43E
BADRINATH	17-30.30N	072-23.55E
CE THROTON	20-14.35N	071-55.33E
FG Mc CLINTOK	19-10.40N	072-09.16E
FRONTIER ICE	17-21.90N	072-15.16E
HITDRILL	19-21.86N	071-12.65E
JT ANGEL	19-17.85N	071-18.51E
KEDARNATH	19-58.75N	071-08.65E
NOBLE CHARLIE	19-17.78N	071-20.66E
NOBLE ED HOLT	18-33.75N	072-17.62E
PRIDE PENNSYLVANIA	19-24.05N	071-19.05E
PRIDE HAWAI	18-31.88N	072-16.73E
RON TOPMEYYER	19-11.99N	071-11.00E
RONDOLF YOST	19-32.20N	071-17.80E
SAGAR GAURAV	19-40.41N	071-19.36E
SAGAR LAXMI	18-36.15N	071-01.63E
SAGAR PRAGATI	19-38.26N	071-19.93E
SAGAR RATNA	19-02.96N	072-11.11E
SAGAR SAMRAT	19-32.13N	071-18.81E
SAGAR SHAKTI	19-17.16N	071-25.46E
SAGAR UDAY	19-34.71N	071-20.64E
TRIDENT – 2	19-25.35N	071-19.55E
TRIDENT – 12	19-26.65N	071-20.61E
ENSCO-50	19-20.03N	072-00.00E
ENSCO-53	19-21.45N	071-50.13E
OFFSHORE COURAGEOUS	21-01.93N	071-46.10E

2. Wide berth requested.

**060 to 061. Cancelled.**

**062. India East Coast – Bay of Bengal.** Charts 31 32 308 354 355 3002 INT 706. Electromagnetic Survey in progress by S/V Sasha till 01 Apr 2008 in area bounded by

(a)	17-33.8N.,	083-40.5E	(b)	17-34.9N.,	085-00.0E
(c)	16-00.0N.,	085-01.0E	(d)	15-59.0N.,	083-40.5E

2. Vessel towing one 3000 meters long cable just above the seabed.

3. All vessels operating in vicinity are to maintain a clearance of 03 NM off the vessel and exercise caution.

4. Cancel this message on 02 Apr 2008.

**063. Refer Navarea Eight 056 of 2008. India East Coast – Bay of Bengal.** Charts 31 32 354 355 INT 706. Drill ship Deep Water Frontier moved to new position 16-30.0 N.,082-33.3 E.

2. Wide berth requested

<p><b>064. Andaman Sea – India Andaman Islands.</b> Charts 33 41 404 405 473 4006 4016 INT 706. Firing practice by Naval Coast Battery at Ross Island between 0630 UTC to 1030 UTC on 20 Feb 2008. Danger area 15 NM seaward around 11-40.6N., 092-46.0E.</p> <p>2. Safe flying height 9100 metres</p> <p>3. Cancel this message on 21 Feb 2008</p>
<p><b>065. India West Coast- Okha.</b> Charts 21 202 203 251 271 291 2013 2068 INT 705. Seaward firing practice by Naval Coast Battery between 0330 UTC to 1130 UTC on 20 Feb and 23 Feb 2008. Danger area bounded by:</p> <p>(a) 22-22.0N., 068-50.0E (b) 22-37.0N., 068-53.0E</p> <p>(c) 22-42.0N., 069-08.0E (d) 22-29.0N., 069-04.0E</p> <p>2. Safe flying height 13000 metres.</p> <p>3. Cancel this message on 24 Feb 2008.</p>
<p><b>066. India East Coast- Bay of Bengal.</b> Charts 31 32 354 355 INT 706. Survey vessel MV Logos Searcher moored in position 16-40.9N., 082-26.1E and carrying out geo technical survey .</p> <p>2. Wide berth requested</p>

<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
IX	Persian Gulf, Red Sea, NW Arabian Sea	028	<b>2007 series:</b> 022 027 062 092 095 106 108 155 168 172 176 200 202 203 212 214 237 239 251 263 264 273 274 278. <b>2008 series:</b> 002 005 006 007 008 013 014 017 019 021 022 023 024 027 028.
X	Australia, New Guinea	015	<b>2007 series:</b> 235 280 321 325 326 330 332 333 338 344 349 353. <b>2008 series:</b> 001 002 003 004 007 009 010 012 013 014 015.
XI	Malacca Strait, China Sea, N. Pacific	0044	<b>1996 series:</b> 0925 <b>1998 series:</b> 0655 <b>1999 series:</b> 0053 0187 0310 <b>2001 series:</b> 0182 0775 <b>2003 series:</b> 0106 0304 <b>2004 series:</b> 0246 0361 <b>2005 series:</b> 0271 0307 <b>2006 series:</b> 0005 0123 0250 0303 0561 <b>2007 series:</b> 0002 0093 0098 0133 0248 0253 0269 0309 0344 0366 0457 0505 0513 0519 0523 0546 0557 0593 0594 <b>2008 series:</b> 0004 0006 0011 0014 0018 0019 0020 0025 0026 0027 0028 0029 0030 0032 0033 0034 0037 0038 0040 0041 0042 0043 0044.
XII	N.E. Pacific	044	<b>2008 series:</b> Nil
XIII	N.W. Pacific	076	<b>2008 series:</b> Nil
XIV	S.W. Pacific	003	<b>2007 series:</b> 010 026. <b>2008 Series:</b> 001 002 003
XV	S.E. Pacific	003	<b>2008 Series:</b> Nil
XVI	E. Pacific	191 of 2007	<b>2008 Series:</b> Nil
Hydropacs	Pacific, Indian Ocean	256	<b>2006 series:</b> 524. <b>2008 Series:</b> 240
Hydrolants	Atlantic, Mediterranean	290	<b>2008 Series:</b> Nil

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

**INP 1 West Coast of India Pilot (Second Edition 2003) –  
INDIA WEST COAST – Bhatkal to Tadri - Landmarks.  
Light.**

**198**

*Article 6.110*

*Para 1, Line 1 replace by*

Two chimneys (14° 15'.64 N, 74° 26'.29 E) and (14° 15'.86 N,  
74° 26'.18 E)

**198**

*Article 6.113*

*Para 4, replace by*

4 The Kumta Point Light house has perished.

**198**

*Article 6.113*

*Para 5, replace by*

5 Tadri Light house is disused and is not operational.

**INS Nirdeshak ROS D(N)- 187**

**04/08**

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

<u>No</u>	<u>Name &amp; Location</u>	<u>Position (Lat-Long)</u>	<u>Charact- eristics</u>	<u>Ht. mts.</u>	<u>Range miles</u>	<u>Structure &amp; Height (mts)</u>	<u>Remarks</u>
<b>D 6472</b>	- ENTRANCE CHANNEL. Ldg Lts 215°30'. Front -----	29 53·10 S 31 02·74 E ..	Iso R 2s  Dir F WRG	21  14	12  W4·8 R3·2 G3·1	Orange△ on grey tower ..	G213·2°-214·2°(1°).Al WG214·2°- 215·3°(1·1°),W215·3°- 215·7°(0·4°).Al WR215·7°- 216·8°(1·1°),R216·8°- 217·8°(1°). <b>On trial; liable to move, be intermittent and subject to change (T) 2007</b>
*	*	*	*	*	*	*	*
<b>D 6483·2</b>	- Ldg Lts 290°15'. Front ---	28 47·49 S 32 02·16 E ..	Oc(2)R 6s  By day F R	54  *	..  *	Framework tower  *	<i>ec 1, lt 1, ec 1, lt 3</i>  *
*	*	*	*	*	*	*	*
<b>D 7329·2</b>	Port of Fujairah. Dir Lt 348°	25 11·10 N 56 21·90 E	Dir F WRG	15	8	Small galvanised structure 1	Occas. G341·5°- 346·5°(5°),W346·5°- 349·5°(3°),R349·5°- 351·5°(2°).Difficult to identify by day. <b>Destroyed 2007</b> *
<b>D 7393·9</b>	Remove from list						
<b>D 7393·97</b>	- Main Breakwater. Spur *	25 55·77 N 51 37·19 E	Fl G 5s  *	9	8  *	Tower  *	<i>fl 1</i>  *
<b>D 7422</b>	Remove from list						
<b>D 7606·7</b>	- N15	29 56·04 N 48 01·87 E *	Fl(3)G 5s	..	..	Green beacon	<b>Destroyed (T) 2007</b>  *
<b>D 7734·1</b>	Gwādar. Mini Port. Jetty. Head *	25 06·88 N 62 20·16 E *	Fl R 5s  *	*	*	*	*
<b>D 7734·2</b>	Gwādar. Deep Water Port. E end *	25 06·72 N 62 20·70 E *	F R  *	*	*	*	*

<b>D 7734-3</b>	Gwādar. Deep Water Port. Ldg Lts 270°. Front	25 06-89 N 62 19-83 E	Iso G 2s	32	12		
*	*	*	*	*	*	*	*
<b>D 7734-35</b>	Gwādar. Deep Water Port. Ldg Lts 270°. Rear	25 06-89 N 62 19-38 E	Fl G 3s	45	12		
*	*	*	*	*	*	*	*
<b>E 6017</b>	<b>Birket Misallāt.</b> Southwards	29 54-44 N 32 35-60 E	Fl W 3s	42	<b>18</b>	White daymark on metal framework tower 39	
--	..	..	Racon	..	..	..	ALRS Vol 2 Station 75400 *
<b>E 6035</b>	<b>Shag Rock.</b> Gûbâl Island. Bluff Point	27 40-80 N 33 48-42 E	Fl W 5s	24	<b>15</b>	White GRP tower 10	
---	..	..	Racon	..	..	..	ALRS Vol 2 Station 74390 *
<b>F 0437-92</b>	<i>Pipavav Port. W Channel. Ldg Lts. Front</i>	20 55-37 N 71 31-15 E	Fl Y 2s	..	3	Buoyant beacon	
*	*	*	*	*	*	*	*
<b>F 0437-921</b>	<i>Pipavav Port. W Channel. Ldg Lts. Rear</i>	20 55-43 N 71 31-24 E	Oc Y 3s	..	3	Buoyant beacon	
*	*	*	*	*	*	*	*
<b>F 0514</b>	Prongs Reef	18 52-70 N 72 48-00 E	Fl W 10s	41	<b>23</b>	Round tower red white and black bands 52	<i>vis 231°-171° (299°)</i> R/T From radio mast 5.9M NNE  Racon (G) *
<b>F 0638</b>	Remove from list						
<b>F 0642</b>	Remove from list						
<b>F 0645</b>	Remove from list						

<b>F 0726</b>	Cape Comorin (Kanniya Kumari)	08 04:80 N 77 32:80 E	Fl(2)W 20s	64	<b>29</b>	White square Masonry tower, Red bands 30	<i>Fl 0.7, ec 3.3, fl 0.7, ec 15.3</i>  Racon (C) *
<b>F 0952</b>	Krishnapatnam	14 15:20 N 80 07:70 E	Fl(3) W 15s	35	<b>18</b>	White Round Masonry, Black bands 30	<i>fl 0.5, ec 2, fl 0.5, ec 2 fl 0.5, ec 9.5</i>  Racon (C) *
<b>F 0957</b>	Narasapur, Antervedi	16 19:04 N 81 43:53 E	Fl(2) W 15s	29	<b>27</b>	White Square Masonry Tower, Red Bands 26	<i>fl 0.4, ec 3.4, fl 0.4, ec 10.8</i>  ALRS Vol. 2 Station 79173 Racon (B) *
<b>F 1054</b>	<b>Kutubdia Island</b>	21 51:92 N 91 50:54 E	Fl(3)W 10s	39	<b>17</b>	Red and white □ on metal framework tower	ALRS Vol 2 Station 79300 *
	-	..	Racon	..	..	..	..
<b>F 1202-55</b>	- Rangat Electricity Complex. Breakwater. Head	12 29:09 N 92 57:35 E	Fl W 20s	10			
*	*	*	*	*	*	*	*
<b>F 1401-052</b>	- Dumai	1 41:45 N 101 25:90 E	Fl Y 4s	8	5	Yellow pipe 5	<i>fl 0-5</i>
			*				
<b>F 1401-054</b>	- Dumai	1 41:61 N 101 25:74 E	Fl Y 5s	8	5	Yellow pipe 5	<i>fl 0-5</i>
			*				
<b>F 1555</b>	- Common rear. Putih	4 14:18 N 100 35:52 E	Iso W 4s	10	7	..	Vis 117-9°-137-9° (20°). <b>TE 2007</b> *
		*					



**SECTION – VIII: CORRECTION TO LIST OF RADIO SIGNALS****INP 31(1), 2005***(Last correction: Edition No. 02 dated 16 Jan 2008)***NIL****INP 31(2), 2007***(Last correction: Edition No. 02 dated 16 Jan 2008)***PAGE 27, SAUDI ARABIA (Persian Gulf Coast) section.****77680 Shutaya Lt Buoy.**

Delete entry

**BA 04/08****04/08****Page 33 , INDIA Section****79173, Narasapur Point Lt Racon,**

Insert,

Racon Code (**B**)**DLL Visakhapatnam****04/08****Page 96, LORAN –C Section,****India(Mumbai.Bombay) Chain and****India (Kolkata,Calcutta ) Chain**

Delete entry

**DGLL****04/08****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. 02 dated 16 Jan 2008)***NIL****INP 31(6), 2005***(Last correction: Edition No. 03 dated 01 Feb 2008)***NIL**



**SECTION – IX: PLOTTING OF GPS POSITIONS ON  
INDIAN CHARTS IN EVEREST DATUM**

All mariners are advised to exercise extreme caution while using the Global Positioning System positions in WGS 84 datum on the Indian navigational charts produced in Everest datum. The variation in these parameters is considerable along the Indian coast and in Andaman & Nicobar and Lakshadweep Islands (300 to 800 metres variations). Mariners are also advised to apply datum shift parameters (if available) on the Indian navigational charts before using Global Positioning System positions on Indian charts. These shift parameters are specified on the charts where observed, at a suitable position under legend note. Mariners are advised to use alternate methods of fixing while operating in restricted waters and in vicinity of dangers.

The Chief Hydrographer to the Govt. of India shall not be responsible for any marine accidents arising as a result of usage of GPS positions in WGS 84 datum in Indian navigational charts in Everest datum without the application of Datum Transformation Parameters/corrections where available or listed in the charts.

## **SECTION – X: REPORTING OF NAVIGATIONAL DANGERS**

*Instructions for raising Hydrographic Note (Form IH 102) [Enclosed with editions 1,7,13 & 19 of N to M]*

### **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,  
Post Box No. 75, Dehradun - 248 001  
(UTTARAKHAND), INDIA  
e-mail: - [incho@dataone.in](mailto:incho@dataone.in); [incho\\_marinesafety@dataone.in](mailto:incho_marinesafety@dataone.in)  
[incho\\_navwarnings@dataone.in](mailto:incho_navwarnings@dataone.in); [incho\\_helpdesk@dataone.in](mailto:incho_helpdesk@dataone.in)  
Fax No.: (0135) 2748373  
WEB: [www.hydrobharat.nic.in](http://www.hydrobharat.nic.in)

### **Instructions for filling up Form IH 102 (Enclosed with editions 1,7,13 & 19 of N to M)**

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.

*To accompany Indian Notice to Mariners 126/08*

*BA Chart 2895*

PORT DEVELOPMENT

The Salalah Port Authority must be consulted for the latest information on depths, aids to navigation and other developments.

*To accompany Indian Notice to Mariners 126/08*

*BA Chart 2896*

PORT DEVELOPMENT

The Salalah Port Authority must be consulted for the latest information on depths, aids to navigation and other developments.