



# INDIAN NOTICES TO MARINERS FOR 2005

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

EDITION No. 16 DATED 16 AUG 2005

(CONTAIN NOTICES 369 TO 399)

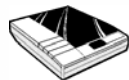
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**Mariner's Obligation and A Chart maker's Plea:** Observing Changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are, therefore, requested to notify the Chief Hydrographer to the Govt. of India at the following address/fax No, immediately on discovering new or suspected dangers to navigation, on observing changes/defects to navigational aids, and of short comings in Indian charts or publication. The Hydrographic Note [Form IH – 102] is a convenient form on which to notify such changes. Specimen form is attached at Section X with this notice.

**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 OF INDIAN CHARTS AND  
PUBLICATIONS**  
(Original, Authentic and Most Up-to-date)

## EXPLANATORY NOTES

**Corrections to Charts and Publications** The Notices in section I provide information on new Indian Charts and Publications where as section II and III contains 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°. Bearing 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) after the Notice number, and are placed in Section III. A SI Nos. of those in force published quarterly on 1<sup>st</sup> Jan, 01 Apr, 01 Jul and 01 Oct, and their text are published in Annual Edition of Indian Notices to Mariners. These corrections are not inserted on the charts before they are issued to the users. They should be inserted in pencil, by the user, on receipt.

**Source of Information** A star adjacent to the number of a Notice indicates that the notice is based on original source of information.

**Sailing Directions** Corrections for the Sailing Directions are given in Section VI. A summary of corrections in force will be issued in Section VI of the Edition dated 1st January, 1st April, 1st July and 1st October.

**Lights** Corrections to Light List is given in Section VII, where affected Light List number is quoted.

- (a) these corrections should be incorporated as per instructions given on page 11 of the list of Lights.
- (b) Such correction notices to light of list 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.

**Radio Signals** The corrections in Section VIII should be cut and pasted in the appropriate volumes 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 should be 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 endeavour 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 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 values 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 danger.

**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

**List of charts affected by**  
**the Notices 369 to 399 contained in this Edition**

<b>INDIAN H.O. Chart No.</b>	<b>Folio No.</b>	<b>Notice No.</b>
203 (INT7319)	2	395,399(T)
211	3	369,393
224	4	392
255 (INT 7334)	3	393
262	4	392
288	1	371
2013	2	399(T)
2016 (INT 7336)	3	393
2031	2	399(T)
2068	2	399(T)
2075 (INT 7366)	4	392
4003	6	394

<b>ADMIRALTY Chart No.</b>	<b>Folio No.</b>	<b>Notice No.</b>
11	40	383,398(P)
238	36	370
262 (INT 7115)	32	373,396(P)
722 (INT 7742)	36	385,386
742 (INT 7741)	36	386
933	46	381,382
941A	46	375
1311	45	375
1312	46	375,376
2056	46	379,397(P)
2152	45	377
2403	45	375
2414	45	375
2760	46	387,388,389
2779	46	387,388,389
2785	46	379
2858	40	371
2882 (INT 7264)	40	371,383,398(P)
2883	40	371
2884 (INT 7278)	40	383,398(P)
2965	46	380
3361 (INT 7700)	36	370
3362 (INT 7705)	36	370
3482 (INT 550)	46	375
3520 (INT 7200)	40	384
3543	45	375
3718	40	372
3719	40	371,372
3729	45	397(P)
3775	40	371
3788	40	371,372
3831	45	375
3833	45	374
3933	45	391
3937	45	390
3944	45	378
3949	46	390

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

\*369(16/05)

**(a): NEW INDIAN CHARTS**

Source: NHO, Dehradun.  
(HJ/NM/Pub)

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits &amp; Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
211	30.06.05	<b>Satpati to Murud Janjira</b> <u>Limits:</u> 18° 11'.00N; 72° 08'.00E. 19° 44'.50N; 73° 02'.00E.	1:150,000	3	Rs. 1360.00

**(b): INDIAN CHARTS PERMANENTLY WITHDRAWN**

<b>Chart to be withdrawn</b>	<b>Main Title</b>	<b>On Publication of New Chart</b>
211	Satpati to Murud Janjira	211

**(c): CHARTS AFFECTED BY THE FOREGOING**

NIL

**370(16/05) KENYA - Malindi Bank and Simambaya Island - Cautionary notes. Legends.**

Source: BA Notice 3364/05

(HJ/833/60)

**BA Chart 238** [previous update 408/00]

Insert the accompanying note, MARINE RESERVES within title box

**BA Chart 238 (plan, Malindi and Approaches)** [ previous update 408/00 ]

Amend legend to, MALINDI MARINE NATIONAL RESERVE(see Note), centred on: 3° 13′.90S., 40° 09′.42E.  
3° 17′.75S., 40° 09′.00E.

legend to, *Malindi Marine National Park*(see Note),centred on: 3° 15′.87S., 40° 08′.56E.

**BA Chart 3361 (INT 7700)** [ previous update 410/00 ]

Insert the accompanying note, MARINE RESERVES, centred on: 2° 55′.8S., 39° 06′.3E.

Amend legend to, *Watamu Marine National Park* (see Note), centred on: 3° 23′.2S., 39° 56′.2E.

legend to, *Malindi Marine National Reserve* (see Note), centred on: 3° 21′.3S., 40° 05′.7E.

**BA Chart 3362 (INT 7705)** [ previous update 500/98 ]

Insert the accompanying note, MARINE RESERVES, centred on: 0° 38′.8S., 40° 51′.2E.

legend, *Marine Reserve* (see Note),orientated NE/SW, centred on: 1° 58′.5S., 41° 25′.0E.

**371(16/05) SAUDI ARABIA - East Coast - Approaches to Port of Jubail (Al Jubayl) - Jubail Approach Channel North eastwards - Radar beacon.**

LRS Vol. 2, 7782

Source: BA notice 3334/05

(HJ/1132/79)

**Chart 288** [ previous update 306/05]Delete radar beacon, *Racon(O)*, at *Fairway* light-buoy 27° 18′.5N., 50° 03′.0E.**BA Chart 2858** [ previous update 350/05]Delete radar beacon, *Racon(O)*, at light-buoy 27° 18′.0N., 50° 03′.0E.**BA Chart 2882 (INT 7264)** [previous update 248/05 ]Delete radar beacon, *Racon(O)*, at *Fairway* light-buoy 27° 18′.5N., 50° 03′.0E.**BA Chart 2883** [previous update 350/05]Delete radar beacon, *Racon(J)*, at *Fairway* light-buoy 27° 18′.4N., 50° 03′.0E.**BA Chart 3719** [ previous update 249/04 ]Delete radar beacon, *Racon(J)*(3cm), at light-buoy 27° 18′.70N., 50° 03′.00E.**BA Chart 3775** [ previous update 249/04]Delete radar beacon, *Racon(J)*, at *Fairway* light-buoy 27° 18′.7N., 50° 03′.0E.**BA Chart 3788** [ previous update 334/05]Delete radar beacon, *Racon(J)*, at *Fairway* light-buoy 27° 18′.5N., 50° 03′.0E.

**372(16/05) SAUDI ARABIA - East Coast - Port of Jubail (Al Jubayl) - King Abdul Aziz Naval Base North-westwards and Commercial Port -Landmarks.**

Source: BA notice 3335/05

(HJ/1133/60)

**BA Chart 3718** [ *previous update 459/04* ]

Move	 WATER TOWER from:	26° 59′.21N., 49° 39′.71E.
		to:
	 CONTROL TR from:	27° 01′.41N., 49° 40′.43E.
		to:

**BA Chart 3719** [ *previous update 371/05* ]

Move	 WATER TOWER from:	26° 59′.21N., 49° 39′.71E.
		to:
	 CONTROL TR from:	27° 01′.41N., 49° 40′.43E.
		to:

**BA Chart 3788** [ *previous update 371/05* ]

Move	 (R Lts) from:	26° 59′.1N., 49° 39′.7E.
		to:

**373(16/05) DJIBOUTI - Approaches to the Port of Djibouti - Legends.**

Source: BA notice 3393/05

(HJ/1033/16)

**BA Chart 262 (INT 7115) (plan A, Port of Djibouti)** [ *previous update 327/05* ]

Insert	legend, <i>See INM 396(P)/05</i> , centered on:	11° 36′.40N., 43° 07′.40E.
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**BA Chart 262 (INT 7115)** [ *previous update 327/05* ]

Insert	legend, <i>See INM 396(P)/05</i> , centered on:	11° 36′.80N., 43° 03′.00E.
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		11° 44′.20N., 43° 07′.50E.
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**374(16/05) MALACCA STRAIT - Indonesia - Pulau Karimun Kecil North-westwards and Eastwards - Depths.**

Source: BA notice 3329/05

(HJ/927/16)

**BA Chart 3833** [ *previous update 331/05* ]

Insert	depth 18 <sub>8</sub> enclosed by 20m contour	(a)	1° 10′.45N., 103° 22′.58E.
	depth 15 <sub>5</sub> and extend 20m approximate contour NE to enclose		1° 09′.28N., 103° 24′.14E.
Delete	depth 29 <sub>7</sub> , close NW of:		(a) above

**375(16/05) SINGAPORE STRAIT - Middle Channel - Ramunia Shoals South-eastwards - Wreck. Buoy.  
Radar beacon.**

Source: BA notice 3330/05

(HJ/927/15)

**BA Chart 941A** [ *previous update 299/05* ]

Insert		(a)	1° 25′.5N., 104° 29′.5E.
Delete	depth 20, adjacent to:	(a)	above



**BA Chart 1311** [ *previous update 99/05* ]

Insert	 (buoyed)		1° 25′.4N., 104° 29′.4E.
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**BA Chart 1312** [ *previous update 354/05* ]

Insert			1° 25′.4N., 104° 29′.4E.
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**BA Chart 2403** [ *previous update 331/05* ]

Insert		(a)	1° 25′.37N., 104° 29′.40E.
	 Fl(2)5s	(b)	1° 25′.14N., 104° 29′.14E.
Delete	radar beacon, Racon(D), at light-buoy depth 42, close SW of:	(b)	above
		(a)	above

**BA Chart 2414** [ *previous update 373/03* ]

Insert			1° 25′.5N., 104° 29′.5E.
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**BA Chart 3482 (INT 550)** [ *previous update 373/03* ]

Insert			1° 25′.5N., 104° 29′.5E.
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**BA Chart 3543** [ *previous update 99/05* ]

Insert	 (buoyed)		1° 25′.4N., 104° 29′.5E.
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**BA Chart 3831** [ *previous update 193/05* ]

Insert			1° 25′.37N., 104° 29′.40E.
	 Fl(2)5s	(a)	1° 25′.14N., 104° 29′.14E.
	radar beacon, Racon(D), at light-buoy	(a)	above

**376(16/05) INDONESIA - Sumatera - Selat Gelasa - Batudinding North-westwards - Depth.**

Source: BA notice 3331 /05

(HJ/827/72)

**BA Chart 1312** [ *previous update 375/05* ]

Insert	depth 16 <sub>5</sub> enclosed by 20m contour		2° 43′.3S., 107° 19′.0E.
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**377(16/05) MALAYSIA - Peninsular Malaysia, West Coast - Pelabuhan Klang - Pelabuhan Utara (North Port) - Berth 13 - Dredged depth.**

Source: BA notice 3373/05

(HJ/927/38)

**BA Chart 2152** [ *previous update 46/05* ]

Insert dredged depth, 15.0m, orientated 002°/182°, centred on: 3° 01' .64N., 101° 21' .50E.

**378(16/05) MALAYSIA - Peninsular Malaysia, West Coast - Perak - Sungai Perak - Bagan Datuk - Light.**

Light List Vol. F, 1569

Source: BA notice 3374/05

(HJ/927/39)

**BA Chart 3944** [ *previous update NE 14/08/70* ]

Amend light to, Fl.R.12s10m7M 3° 59' .6N., 100° 47' .2E.

**379(16/05) INDONESIA - Sumatera - Selat Sunda North-westwards - Pulau-Pulau Tiga - Legend.**

Light List Vol. K, 0925

Source: BA notice 3384/05

(HJ/827/44)

**BA Chart 2056** [ *previous update 196/05* ]

Delete legend, (exting), at light-beacon 5° 49' .3S., 105° 32' .9E.

**BA Chart 2785** [ *previous update 239/05* ]

Delete legend, (exting), at light-beacon 5° 49' .3S., 105° 33' .0E.

**380(16/05) INDONESIA - Sumatera - South Coast - Teluk Lampung - Panjang - Light-beacon. Light.**

Light List Vol. K, 0922.6

Source: BA notice 3385/05

(HJ/827/44)

**BA Chart 2965 (plan, Panjang)** [ *previous update 440/03* ]

Amend range of light-beacon to, 12M 5° 28' .05S., 105° 18' .66E.

**BA Chart 2965 (plan, Approaches to Panjang and Tarahan)** [ *previous update 440/03* ]

Amend range of light to, 12M 5° 28' .05S., 105° 18' .66E.

**381(16/05) INDONESIA - Jawa - North Coast - Approaches to Tanjungpriok - Pulau-Pulau Tidung Westwards and South-eastwards and P. Lancang Besar Southwards - Light-beacons.**

Light List Vol. K, 1043.1, 1043.105, 1043.12

Source: BA notice 3353/05

(HJ/827/43)

**BA Chart 933** [ *previous update 358/05* ]

Insert



Q(9)15s7m8M

5° 51' .53S., 106° 34' .06E.



Fl.10s7m8M

5° 51' .69S., 106° 37' .11E.



Fl.R.4s7m8M

5° 56' .20S., 106° 35' .21E.

**382(16/05) INDONESIA -Jawa -North Coast - Approaches to Tanjungpriok - Teluk Jakarta -Pulau Ayer Besar and Pulau Bidadari - Light-beacons.**

Light List Vol. K, 1061.55, 1061.6

Source: BA notice: 3354/05

(HJ/827/33)

**BA Chart 933** [ *previous update 381/05* ]

Insert



Q(3)10s7m8M

6° 02'·00S., 106° 44'·90E.



Q(3)5s

6° 00'·35S., 106° 46'·94E.

**383(16/05) IRAN - Jazireh-ye Khark - Legend.**

Source: BA notice 3490/05

(HJ/1132/99)

**BA Chart 11 (panel A, Jazireh-ye Khark to Ganaveh)** [ *previous update 460/04* ]

Insert legend, *See INM 398(P)/05*, centered on:

29° 10'·60N., 50° 23'·65E.

**BA Chart 2882 (INT 7264)** [ *previous update 371/05* ]

Insert legend, *See INM 398/05*, centered on:

29° 12'·00N., 50° 25'·80E.

**BA Chart 2884 (INT 7278)** [ *previous update 248/05* ]

Insert legend, *See INM 398/05*, centered on:

29° 12'·00N., 50° 26'·00E.

**384(16/05) GULF OF OMAN - United Arab Emirates - Fujairah (Fujayrah) Eastwards - Depth.**

Source: BA notice 3546/05

(HJ/1132/52)

**BA Chart 3520 (INT 7200)** [ *previous update 252/05* ]

Insert depth 243 and extend 500m approximate contour E to  
enclose

25° 09'·300N., 57° 01'·800E.

**385(16/05) INDIAN OCEAN - Seychelles - Mahé, East Coast - Approaches to Victoria - Anchorage areas. Recommended anchorages.**

Source: BA notice 3572/05

(HJ/832/54)

**BA Chart 722 (INT 7742)** [ *previous update 280/05* ]

Insert circular limit of anchorage area, radius 0·1M, pecked  
line, centred on:

- (a) 4° 35'·75S., 55° 28'·93E.
- (b) 4° 36'·05S., 55° 29'·10E.
- (c) 4° 37'·10S., 55° 28'·90E.
- 4° 37'·45S., 55° 28'·90E.
- (d) 4° 37'·11S., 55° 28'·50E.

Delete



- (a) above
- (b) above
- (c) above
- (d) above

**386(16/05) INDIAN OCEAN - Seychelles - Mahé - Port Victoria and Approaches - Depths. Rocks.**





Source: BA notice 3573/05

(HJ/832/54)

**BA Chart 722 (INT 7742) [previous update 385/05]**

Insert	depth 4 <sub>5</sub> enclosed by 5m contour		4° 36′.56S., 55° 28′.80E.
	depth 10 <sub>5</sub>		4° 36′.79S., 55° 28′.51E.
	depth 4 <sub>3</sub> enclosed by 5m contour		4° 36′.83S., 55° 29′.12E.
	depth 4 <sub>4</sub> enclosed by 5m contour	(a)	4° 37′.01S., 55° 28′.65E.
	depth 2 <sub>5</sub> enclosed by 5m contour		4° 37′.57S., 55° 29′.08E.
	depth 6 <sub>8</sub> enclosed by 10m contour		4° 38′.16S., 55° 29′.00E.
	depth 3		4° 39′.27S., 55° 30′.96E.
	depth 2 enclosed by 5m contour		4° 39′.43S., 55° 30′.79E.
Delete	depth 8 <sub>1</sub> , adjacent to:		(a) above

**BA Chart 742 (INT 7741) [previous update 281/05]**

Insert	 with seabed character, R		4° 29′.18S., 55° 32′.99E.
	 with seabed character, R		4° 30′.45S., 55° 31′.71E.
	 with seabed character, R		4° 31′.20S., 55° 29′.60E.
	depth 4 <sub>3</sub> enclosed by 5m contour		4° 36′.83S., 55° 29′.12E.
			4° 29′.28S., 55° 32′.29E.
		(a)	4° 32′.20S., 55° 29′.51E.
Substitute	depth 4 <sub>5</sub> enclosed by 5m contour for depth 5 <sub>9</sub>		4° 36′.56S., 55° 28′.80E.
Delete	depth 17, close N of:		(a) above

**387(16/05) INDONESIA - Sumatera - West Coast - Pulau Nias Great Channel North-eastwards - Pulau Panjang - Light.**

Light List Vol. F, 1262.4

Source: BA notice 3475/05

(HJ/928/11)

**BA Chart 2760 [previous update 361/05]**

Amend	light to, Q(6)+LFl.12M		1° 03′.0N., 98° 18′.5E.
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**BA Chart 2779 [previous update 361/05]**

Amend	light to, Q(6)+LFl.15s39ft12M		1° 03′.3N., 98° 18′.5E.
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**388(16/05) INDONESIA - Sumatera - West Coast - Pulau Nias Great Channel South-eastwards - Pulau Sigata - Light.**

Light List Vol. K, 0838

Source: BA notice 3476/05

(HJ/928/91)

**BA Chart 2760 [previous update 387/05]**

Amend	light to, Oc.26M		0° 07′.5S., 98° 12′.0E.
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**BA Chart 2779 [previous update 387/05]**

Amend	light to, Oc.3s382ft26M		0° 07′.7S., 98° 12′.0E.
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**389(16/05) INDONESIA - Sumatera - West Coast - Padang North-westwards - Wreck.**

Source: BA notice 3477/05

(HJ/928/91)

**BA Chart 2760** [ *previous update 388/05* ]

Insert



0° 25'·8S., 99° 47'·0E.

**BA Chart 2779** [ *previous update 388/05* ]

Insert



0° 25'·8S., 99° 47'·0E.

**390(16/05) INDONESIA - Sumatera - Selat Riau - Tanjunguban Westwards - Depth.**

Source: BA notice 3509/05

(HJ/927/15)

**BA Chart 3937 (plan D, Tanjunguban and Approaches)** [ *previous update 265/05* ]

Insert

depth 19<sub>8</sub> enclosed by 20m contour

1° 04'·65N., 104° 11'·53E.

**BA Chart 3949** [ *previous update 356/05* ]

Insert

depth 19<sub>8</sub> enclosed by 20m contour

1° 04'·65N., 104° 11'·53E.

**391(16/05) INDONESIA - Sumatera - East Coast - Selat Bengkalis and Selat Rupert - Buoyage.**

Source: BA notice 3566/05

(HJ/927/18)

**BA Chart 3933 (plan B, Eastern Entrance to Selat Rupert)** [ *previous update 295/05* ]

Insert



Fl.G.6s No 5

(a)

1° 33'·70N., 101° 54'·70E.

Delete

former No 5 light-buoy, close WNW of:

(a)above

**BA Chart 3933** [ *previous update 295/05* ]

Insert



Fl.G.6s No 5

(a)

1° 33'·70N., 101° 54'·70E.

Substitute



Fl.R.8s No 6 for



No 6

1° 38'·47N., 101° 54'·00E.

Delete

former No 5 light-buoy, close NW of:

(a)above

**\*392(16/05) India – South – East Coast – Approaches to Tuticorin –Wreck.**



Source: Tuticorin Port Trust.

(HJ/930/82)

**Chart 262** [previous update 187/04 ]Insert  08° 47'.20N., 078° 17'.72E**Chart 224** [previous update 358/04 ]Insert  08° 47'.20N., 078° 17'.72E**Chart 2075 (INT 7366)** [previous update 77/05 ]Insert  08° 47'.20N., 078° 17'.72E**\*393(16/05) India –West Coast – Inner Approaches to Mumbai –Wreck.**


Source: Nav VIII 479/05

(HJ/1030/87)

**Chart 255 (INT 7334)** [previous update 167/05 ]Insert  18° 59'.8N., 072° 36'.86E**Chart 211** [previous update 167/05 ]Insert  18° 59'.8N., 072° 36'.86E**Chart 2016 (INT 7336)** [previous update 166/05 ]Insert  18° 59'.8N., 072° 36'.86E**\*394(16/05) India –Andaman Sea – Little Andaman Islands –Temple Sound – Wreck.**

Source: Nav VIII 498/05

(HJ/1028/37)

**Chart 4003** [previous update 188/05 ]Insert  13° 27'.62N., 92° 52'.61E**395(16/05) INDIA - West Coast - Gulf of Kachchh - Rozi Anchorage - Depth. Wreck.**

Source: Chart No 2027

(HJ/1130/29)

**Chart 203 (INT 7319)** [ previous update 203/05]Insert depth  $I_9$  enclosed by 2m contour 22° 35'.43N., 70° 04'.19E.Substitute  for  22° 35'.43N., 70° 03'.63E.

**SECTION – III: TEMPORARY AND PRELIMINARY NOTICES****396 (P)16/05      DJIBOUTI - Approaches to the Port of Djibouti - Buoyage.**

Source: BA notice 3392(P)/05

*(HJ/1033/16)*

1. A buoyed channel has been established to mark the approach to Doraleh Petroleum Terminal. The channel which passes between Recif d'Ambouli and Banc des Saline is marked by the following light buoys:

<i>Buoy description</i>	<i>Name</i>	<i>Light description</i>	<i>Position</i>
Starboard-hand lateral mark	No 5	Fl(2)G.6s	11° 36'·41N., 43° 07'·15E.
Port-hand lateral mark	No 6	Fl(2)R.6s	11° 36'·29N., 43° 07'·17E.
Starboard-hand lateral mark	No 7	Fl.G.6s	11° 36'·43N., 43° 06'·71E.
Port-hand lateral mark	No 8	Fl.R.4s	11° 36'·13N., 43° 06'·63E.
Port-hand lateral mark	No 10	Q.R	11° 36'·15N., 43° 05'·76E.

2. Buoyage in the North access channel will also be affected soon.

3. BA Chart 262 will be updated when more information becomes available.

**Chart affected – BA 262 (INT 7115)****397 (P) 16/05      INDONESIA - Jawa - North Coast - Approaches to Tanjungpriok - Submarine pipeline. Submarine cable. Light-beacons.**

Source: BA notice 3352(P)/05

*(HJ/827/42)*

1. A submarine pipeline has been established, joining platforms in the following positions:

5° 26'·62S., 107° 02'·90E.

5° 24'·20S., 107° 10'·70E.

5° 28'·70S., 107° 16'·10E.

5° 55'·04S., 107° 17'·21E.

2. A submarine cable has been established, joining the following positions:

5° 54'·00S., 106° 54'·30E.

5° 16'·65S., 107° 05'·50E.

3. Numerous light-beacons have been established on Pulau-Pulau Seribu (5° 40'·00S., 106° 35'·00E.) and P. Jagautara (5° 13'·00S., 106° 28'·00E.).

**Charts affected – BA 2056 -3729****398 (P) 16/05      IRAN–Jazireh-ye-Khark Anchorage areas.**

Source: BA notice 3489(P)/05

*(HJ/1132/99)*

1. New areas for anchorage and ship to ship operations have been established as follows:

Area A, Anchorage for the Sea Island jetty

29° 08'·20N., 50° 20'·00E.

29° 10'·00N., 50° 20'·00E.

29° 10'·00N., 50° 22'·80E.

29° 08'·20N., 50° 22'·80E.

Area B, Anchorage for dangerous goods

29° 08'·20N., 50° 24'·00E.

29° 10'·00N., 50° 24'·00E.

29° 10'·00N., 50° 26'·30E.

29° 08'·20N., 50° 26'·30E.

**398 (P) 16/05 IRAN–Jazireh-ye-Kharak Anchorage areas. (continued)**

Area C, Anchorage for T jetty

29° 11′.00N., 50° 24′.00E.

29° 13′.50N., 50° 24′.00E.

29° 13′.50N., 50° 27′.30E.

29° 11′.00N., 50° 27′.30E.

Area D, Area designated for ship to ship oil transshipment

29° 13′.90N., 50° 23′.30E.

29° 15′.40N., 50° 23′.30E.

29° 15′.40N., 50° 25′.40E.

29° 13′.90N., 50° 25′.40E.

**Charts affected –BA 11 - 2882 (INT 7264) - 2884 (INT 7278)**

**\*399 (T) (16/05) INDIA – West Coast – Gulf of Kachchh – Port of Okha – Buoy.**

Source: Nav VIII 497/05

(HJ/1131/20)

1. It has been reported that Port hand buoy no 3 (22° 29′.02N., 69° 05′.51E) is unshackled from its gears.
2. Mariners are advised to exercise caution.

**Charts affected: 203 – 2013 – 2031 – 2068.**

## SECTION – IV: MARINE INFORMATION

### Ship Reporting System (INDSAR)

A ship reporting system INDSAR has been activated w.e.f 01 Feb 2003 in the Indian Search and Rescue Region (ISRR), for timely position reporting which is critical for quick response and ensuring safety of life at sea. Mariners in the ISR Region are requested to pass relevant rescue information to the Maritime Rescue Coordinating Centre (MRCC) Mumbai on INMARSAT Code 43, or using any of the following Contact details:-

#### MRCC Mumbai contact details

Tel : 022-24376133  
 Fax : 022-24333727  
 INMARSAT : 00583 441 907 210  
 E-mail : indsar@vsnl.net

### Tsunami Notices

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

Source: NHO, Dehradun

(HJ/NM/Gen)

1. 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 & 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) (03/05) INDIA – Andaman Sea – Nicobar islands – Approaches to East Bay – Jetty..**

Source: Hydrographic Note, INS Sandhayak

(HJ/928/76)

1. 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) (03/05) INDIA – Andaman Sea – Andaman and Nicobar islands – Beacon. Buoy.**

Source: Port Management Board, Andaman and Nicobar & Hydrographic Note, INS Sandhayak  
(HJ/928/86)

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

Nancowry Island

- |                               |                            |
|-------------------------------|----------------------------|
| (a) Stbd hand mark No. 1      | 08° 01'.96N., 93° 32'.85E. |
| (b) Port hand mark No. 2      | 08° 01'.80N., 93° 32'.86E. |
| (c) Port hand mark No. 4      | 08° 01'.82N., 93° 32'.30E. |
| (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**

**134 (T) (05/05) SRILANKA – South Coast – Great Basses Reef and Little Basses Reef – Lights.**

Source: B.A. notice 746(T)/05

(HJ/929/68)

1. The lights at Great Basses Reef (6° 10'.9N., 81° 28'.8E.) and Little Basses Reef (6° 24'.4N., 81° 43'.8E.) have been extinguished until further notice.

**Charts affected: 23 – 32 (INT 754) – 33 – 264 – 359.**

**\*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**

**\*160 (T) (06/05) INDIA – Andaman Sea – Nicobar Island – Campbell Bay – Rock.**

Source: Hydrographic Note, INS Tillanchang, INS Sandhayak

(HJ/928/76)

1. It is reported that following rocks have been found at position
- |                 |                               |
|-----------------|-------------------------------|
| (a) New Rock    | 07° 01'.370N., 093° 55'.310E. |
| (b) Sunken boat | 06° 59'.870N., 093° 55'.560E. |
2. The Leading transit mark 323° on the beach was broken and damaged. A portion of the approach arm to the jetty was collapsed and the jetty has been damaged and is not fit for use. The debris of the jetty was lying westwards of the approach arm. The breakwater light and the Chisen point light are non-operational. The seaward end of the breakwater is sunk.

**Charts affected: 409 – 471 – 472 (INT 7032) – 4035.**

**Gopnath Point Racon(G) not working**  
**Source – Navarea VIII 500/05**

<b>F 0444</b>	<b>-Gopnath Point</b>	21 12·2 72 06·2	Fl(3)W 20s	41	<b>18</b>	Red and white square masonry tower 34	<i>fl 0.3 ,ec 3.7 fl0.3, ec 3.7, fl 0.3,ec 11.7 Racon(G) not working</i>
							*

**MRCC CHENNAI**

ISDM Internet Connection E-mail Id. [isareast@md3.vsnl.net.in](mailto:isareast@md3.vsnl.net.in) installed at MRCC Chennai dedicated for emergencies at sea.

**SECTION – V: NAVIGATIONAL WARNINGS IN FORCE**

1. For details of NAVAREA limits and organization/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2004.
2. NAVAREA Warnings in force :- The serial numbers of all the NAVAREA warnings in force as on 16 Aug 2005, covering the entire world are listed below against the respective NAVAREA

<b><u>NAVAREA No.</u></b>	<b><u>Location</u></b>	<b><u>Last NAVAREA Sl. received</u></b>	
I	N.E. Atlantic	Nil	2001 series: 510 2003 series: 417. 2004 series: 317 2005 series: 118 205 213 214 216 224 226 227 229 230 231 233 238 240 241 242 247 248 251 252 254 259 261 262 263 264 265 266.
II	E. Atlantic	Nil	Nil.
III	Mediterranean	Nil	2005 series: Nil.
IV	N.W. Atlantic	Nil	2004 series: 323
V	W. Atlantic	Nil	2005 series: Nil
VI	S.W. Atlantic	Nil	2005 series: Nil
VII	S.E. Atlantic	064	2005 series: 074 078
VIII	Indian Ocean	506	2005 series: 192 200 212 216 273 274 312 329 333 343 346 352 356 379 380 384 390 404 412 413 414 424 426 433 434 436 437 457 458 462 463 468 470 477 479 480 481 484 486 488 490 495 496 497 498 499 500 501 502 503 504 505 506
IX	Persian Gulf, Red Sea, NW Arabian Sea	Nil	2001 series: 312. 2003 series: 023 120 177 236 237 239 273. 2004 series : 025 036 070 079 088 107 109 134 135 151 184 206 207 224 239 249 259 260 268 269 280 284 288 . 2005 series : 009 013 014 017 020 022 026 027 030 034 037 038 039 040 045 046 047 048 049 050 051 052 053 054 055 056.
X	Australia, New Guinea	Nil	008
XI	Malacca Strait, China Sea, N. Pacific	0335	1996 series: 0925. 1998 series: 0655 1999 series: 0053 0187 0310 0613. 2000 series: 0555 0677. 2001 series: 0182 0775. 2002 series: 0839. 2003 series: 0106 0303 0304. 2004 series: 0091 0246 0271 0321 0361 0402 0555 0571. 2005 series: 0004 0005 0022 0024 0025 0026 0030 0051 0060 0062 0063 0175 0203 0271


			0276 0305 0307 0322 0323 0331 0332 0333 0335.
XII	N.E. Pacific	Nil	2005 series: Nil
XIII	N.W. Pacific	Nil	Nil
XIV	S.W. Pacific	Nil	2005 series: Nil
XV	S.E. Pacific	Nil	Nil
XVI	E. Pacific	Nil	Nil
Hydropacs	Pacific, Indian Ocean	Nil	2004 series: 694 1011. 2005 series: 1031
Hydrolants	Atlantic, Mediterranean	Nil	2005 series: 245.

**SECTION – VI: CORRECTIONS TO SAILING DIRECTION**

**NIL**

**SECTION – VII: CORRECTIONS TO INDIAN 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>E 6142-92</b>	<b>Hanish al Kubrá.</b> SW end	13 39-96 42 40-62	Fl W 5s	200	<b>16</b>	White round GRP tower, red bands 6	<i>fl 0-1.</i> Vis 010° 070° (60°). AIS. <b>AIS Irreg (T) 2005.</b> LED emergency light FlW5s, <i>fl</i> 1, 10M
							*
<b>F 0671</b>	Azhikal	11 56-5 75 18-1	Fl(2)W 8s	24	10	...	Storm Signal
							*
<b>F 0901-5</b>	- Pasipattanam	9 48-30 79 04-71	Fl(3)W 10s	...	...	...	<b>On trial (T) 2005</b>
*	*	*	*	*	*	*	*
<b>F 1054</b>	<b>Kutubdia Island</b>	21 51-85 91 50-72	Fl(3)W 10s	39	<b>20</b>	Red and white ◻ on metal framework tower	Racon
							*
<b>F 1072</b>	<i>Thuriya Lt F</i> - <i>Riding light</i>	15 20-33 95 10-51 ...	Fl W 7s  FW	<b>10</b>	8	Black hull and light tower	Ra refl. <b>Reported adrift 2005</b>
							*
<b>F 1400-5</b>	--	1 45-57 101 21-96	Fl Y 4s	7	5	Yellow · on yellow beacon	<i>fl 1</i>
*	*	*	*	*	*	*	*
<b>F 1400-55</b>	--	1 45-52 101 21-99	Fl Y 2s	7	5	Yellow · on yellow beacon	<i>fl 1</i>
*	*	*	*	*	*	*	*
<b>F 1400-6</b>	--	1 45-5 101 21-9	Fl W 5s	17	12	White metal framework structure	<i>fl 1</i>
*	*	*	*	*	*	*	*
<b>F 1560-9</b>	- Lloyd Rock	4 15-44 100 35-09	Q R	10	8	Red ◻ on white column on piles	
		*			*	*	*
<b>F 1576-2</b>	Sungai Sekinchan	3 29-73 101 05-36	Fl G 4s	11	5	Green △ on white column on piles	
	*	*		*		*	*
<b>K 0861</b>	Pulau Pisang	0 59-7 100 20-4	Fl G 5s	10	10	White framework tower 10	<i>fl 0-5</i>
		*	*				*

<b>K 0980</b>	- Muci. S end	0 32-50 104 01-83	Fl W 5s	67	<b>21</b>	White metal framework tower 21	Vis 284° 192° (268°). Racon
							*
<b>K 1033-6</b>	Karang Abadi	3 39-0 108 45-0	Fl(2)W 10s	13	12	Black  on black beacon, red bands	<i>fl 0-5, ec 1-5, fl 0-5, ec 7-5. TE</i> <b>2005</b>
							*

**SECTION – VIII: CORRECTION TO LIST OF RADIO SIGNALS****VOL. 1, 1987***(Last correction: Edition No. 15 dated 01 Aug 2005)*Page 63, **PAKISTAN**, after country heading, insert:

MRCC PAKISTAN (MARITIME SECURITY AGENCY)

24°52'N 67°01'E

Tel : +92 21 9214624 &amp; 9214964

Fax : +92 21 9214621 &amp; 9214625

E-MAIL mrcpmsa@cyber.net.pk

Inmarsat C (IOR) 463028101

NOTE DSC communications can be established through the following maritime radio stations: GAWADAR (VHF), KARACHI (VHF MF &amp; HF) and ORMARA (VHF)

**VOL. 2, 1995***(Last correction: Edition No.12 dated 16 Jun 2005)*

NIL

**B.A. VOL. 3 Part 1, NP 283(1), 2002/03***(Last correction: Edition No. 19 dated 01 Oct 2003)*

NIL

**VOL. 5, 1997/98***(Last correction: Edition No.15 dated 01Aug 2005)*Page 141, **Coast Earth Stations Contacts and Services** table,

delete and replace by:

COUNTRY	TELEPHONE	FACSIMILE
Egypt	+20 3 4802299	+20 3 4875633

(16/05)

**VOL. 6, 1987***(Last correction: Edition No. 13 dated 01July 2005)*

NIL

**B.A. VOL. 7, 1997/98-PART 2***(Last correction: Edition No. 16 dated 15 Aug 2000)*

NIL

**VOL. 8, 1999**

+

Eastern Island DGPS Station  
(Not functioning)

13° 37'.80N; 93° 03'.00E.

**tx/fx**  
313

(Nav VIII 480/05)

(16/05)



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

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)**

#### **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  
(UTTARANCHAL), INDIA  
e-mail: - [nho@sancharnet.in](mailto:nho@sancharnet.in)  
Fax No.: (0135) 2748373  
WEB: [www.hydrobharat.org](http://www.hydrobharat.org)

#### **Instructions for filling up Form IH 102 (Overleaf)**

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. 102a (Revised 2003)**

**HYDROGRAPHIC NOTE FOR PORT INFORMATION**

**(For Reporting Changes to Port Information)**

(To accompanying Form I.H. 102)

Name and address of ship / sender:

\_\_\_\_\_ **Ref No.:** \_\_\_\_\_  
 \_\_\_\_\_ **Date :** \_\_\_\_\_  
 \_\_\_\_\_

**Fax No.:** \_\_\_\_\_, **E-mail:** \_\_\_\_\_

1.	<b>a) NAME OF THE PORT</b> : <b>b) Location</b> : <b>Lat:</b> _____, <b>Long:</b> _____ <b>c) Listing in Guide to Port Entry: Yes/No.</b> <b>Sl. No.:</b> _____	
2.	<b>NAME AND ADDRESS OF PORT AUTHORITIES</b> a) Name b) Address c) Phone d) Fax e) E-mail	
3.	<b>GENERAL REMARKS</b> a) Principal activities and trade b) Latest population figures and date c) Number of ships and tonnage handled per year d) Maximum size and draught of vessels handled. e) Copy of Port Handbook <i>if available.</i>	
4.	<b>ANCHORAGES</b> a) Type / Purpose b) Minimum Depth at anchorage c) Shelter afforded d) Holding ground e) Recommended pilotage to the anchorage	
5.	<b>PILOTAGE</b> a) Authority for requests. b) Embarkation position c) Regulations d) Documents to be provided	
6.	<b>DIRECTIONS</b> a) Entry and berthing information. b) Tides (Height) c) Tidal Streams. d) Navigational aids.	
7.	<b>POLLUTION CONTROL</b> a) Local regulations in force (if any)	

<p>8. <b>TUGS</b></p> <ul style="list-style-type: none"> <li>a) Number available</li> <li>b) Max. hp.</li> <li>c) Requesting authority</li> <li>d) Availability times</li> <li>e) Communication with Tugs</li> <li>f) Hiring Charges</li> </ul>	
<p>9. <b>BERTHING AND WHARVES</b></p> <ul style="list-style-type: none"> <li>a) Number of berths available</li> <li>b) Length,</li> <li>c) Depth alongside</li> <li>d) Facilities available.</li> <li>e) Procedures for requesting berthing and hiring charges</li> </ul>	
<p>10. <b>CARGO HANDLING</b></p> <ul style="list-style-type: none"> <li>a) Containers</li> <li>b) Lighters</li> <li>c) Roll on/ roll off, etc.</li> </ul>	
<p>11. <b>CRANES</b></p> <ul style="list-style-type: none"> <li>a) Brief details and max. capacity.</li> <li>b) Container handling facilities</li> </ul>	
<p>12. <b>BRIDGES</b></p> <p>Vertical clearances</p>	
<p>13. <b>REPAIRS</b></p> <ul style="list-style-type: none"> <li>a) Hull, machinery and underwater</li> <li>b) Ship and boat yards</li> <li>c) Docking or Slipway facilities (Give size of vessels handled or dimensions)</li> <li>d) Hards and ramps.</li> <li>e) Divers / Diving Assistance</li> </ul>	
<p>14. <b>RESCUE AND DISTRESS</b></p> <p>Salvage, lifeboat, coastguard, etc.</p>	
<p>15. <b>SUPPLIES</b></p> <ul style="list-style-type: none"> <li>a) Fuel with type and quantities available.</li> <li>b) Freshwater and rate of supply.</li> <li>c) Provisions</li> <li>d) Chart Agents</li> </ul>	
<p>16. <b>SERVICES</b></p> <ul style="list-style-type: none"> <li>a) Radio Telegrams/Telephony</li> <li>b) Medical.</li> <li>c) Quarantine</li> <li>d) Consuls.</li> <li>e) Ship chandlery and stevedores,</li> <li>f) Compass adjustment,</li> <li>g) Tank cleaning,</li> <li>h) Hull painting.</li> <li>j) Diving and underwater examination</li> <li>k) Police / Ambulance / Fire</li> <li>l) Navigational warnings and weather bulletins</li> <li>m) Garbage Disposal</li> <li>n) Telephones</li> <li>p) Waste oil disposal</li> </ul>	
<p>17. <b>COMMUNICATIONS</b></p> <ul style="list-style-type: none"> <li>a) Road, rail and air services available</li> <li>b) Nearest airport or airfield.</li> <li>c) Port Radio and Information service (Frequencies and operating hours)</li> </ul>	

18. <b>PORT AUTHORITY</b> Designation, address and telephone number.	
19. <b>SMALL CRAFT FACILITIES</b> a) Information and facilities for small craft /yachts visiting the port. b) Yacht clubs, berths etc.	
20. <b>SHORE LEAVE</b>	
21. <b>CLUBS / RECREATION / INFORMATION KIOSKS</b> – Their location.	
22. <b>VIEWS</b> (duly annotated) Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour, etc. (Picture postcards may also be useful).	

*Signature of Observer/Reporter.....*

**To**

*The Chief Hydrographer to the Government of India*

National Hydrographic Office

107 A, Rajpur Road

PO Box No. 75,

Dehradun- 248001

(UTTARANCHAL), INDIA

E Mail : [nho@sancharnet.com](mailto:nho@sancharnet.com)

Fax No.: 91- 0135- 2748373

WEB: [www.hydrobharat.org](http://www.hydrobharat.org)

I.H. 102 (Revised 2003)

HYDROGRAPHIC NOTE

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

Date : .....

Ref. No: .....

**Details of the Sender / Originator**

1. **Name of ship or sender:** .....
2. **Address of sender:** .....  
.....  
e-mail; Fax No.; Tel. No.:.....  
.....
3. **General Locality:** .....
4. **Chart / Publication Affected:**
  - a) Chart published by INHO / UKHO / other (Specify): .....
  - b) Chart No.: ..... Edition Date: .....
  - c) Latest Edition of Indian N to M held:.....

**Details of Changes / Dangers Observed**

5. **Object of Change:**

	<b>Date/Time of observation</b>	<b>Charted</b>	<b>Observed</b>	<b>Position/Area</b>
<b>(a) Bathymetry:</b>				
(i) Depth - .....	.....	.....	.....	.....
(ii) Depth Contour - .....	.....	.....	.....	.....
(iii) Channel Depth - .....	.....	.....	.....	.....
<b>(b) Navigational Dangers:</b>				
(i) New Shoals.....	.....	.....	.....	.....
(ii) New Rocks.....	.....	.....	.....	.....
(iii) New Reefs.....	.....	.....	.....	.....
(iv) New Wrecks.....	.....	.....	.....	.....
(v) New Nav-aid (Specify) - .....	.....	.....	.....	.....
<b>(c) Casualties to existing Nav-Aids:</b>				
(i) Buoys.....	.....	.....	.....	.....
(ii) Lights.....	.....	.....	.....	.....
(iii) Fog signals.....	.....	.....	.....	.....
(iv) Racons.....	.....	.....	.....	.....
(v) Transit Marks .....	.....	.....	.....	.....
(vi) Leading Lines.....	.....	.....	.....	.....
(vii) Clearance bearings.....	.....	.....	.....	.....
<b>(d) Designated Areas:</b>				
(i) Exercise Areas .....	.....	.....	.....	.....
(ii) Prohibited Areas .....	.....	.....	.....	.....
(iii) Pilot Station .....	.....	.....	.....	.....
(iv) Anchorage .....	.....	.....	.....	.....
(v) Foul Ground .....	.....	.....	.....	.....

- (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** .....

Signature of the Master / Reporter

Date:

To

The Chief Hydrographer  
National Hydrographic Office  
107-A, Rajpur Road,  
Post Box No. 75, Dehradun - 248 001  
(UTTARANCHAL), INDIA

E-mail: - [nho@sancharnet.in](mailto:nho@sancharnet.in)  
Fax No.: (0135) 2748373  
WEB: - [www.hydrobharat.org](http://www.hydrobharat.org)

*Please Note:*

1. Please see over leaf for Instructions for filling up this form.
2. Photograph / Sketches / Diagram, etc duly annotated will be useful supporting document.
3. Please rush this information to the Chief Hydrographer to the Govt. of India at the address given above, by the fastest available means.

**TABLE FOR CONVERTING FEET AND FATHOMS TO METRES**

Feet	Fms	Metres	Feet	Fms	Metres	Feet	Fms	Metres	Feet	Fms	Metres
1		0.305	55		16.764	162	27	49.378	498	83	151.790
1.5	¼	0.457	56		17.069	168	28	51.206	504	84	153.619
2		0.610	57	9½	17.374	174	29	53.035	510	85	155.448
3	½	0.914	58		17.678	180	30	54.864	516	86	157.277
4		1.219	59		17.983	186	31	56.693	522	87	159.106
4.5	¾	1.372	60	10	18.288	192	32	58.522	528	88	160.934
5		1.524	61		18.593	198	33	60.350	534	89	162.763
6	1	1.829	62		18.898	204	34	62.179	540	90	164.992
7		2.134	63	10½	19.202	210	35	64.008	546	91	166.421
8		2.438	64		19.507	216	36	65.837	552	92	168.250
9	1½	2.743	65		19.812	222	37	67.666	558	93	170.078
10		3.048	66	11	20.117	228	38	69.494	564	94	171.907
11		3.353	67		20.422	234	39	71.323	570	95	173.736
12	2	3.658	68		20.726	240	40	73.152	576	96	175.565
13		3.962	69	11½	21.031	246	41	74.981	582	97	177.394
14		4.267	70		21.336	252	42	76.810	588	98	179.222
15	2½	4.572	71		21.641	258	43	78.638	594	99	181.051
16		4.877	72	12	21.946	264	44	80.467	600	100	182.880
17		5.182	73		22.250	270	45	82.296			
18	3	5.486	74		22.555	276	46	84.125	<b>Metres</b>	<b>Inches</b>	
19		5.791	75	12½	22.860	282	47	85.954			
20		6.096	76		23.165	288	48	87.782	0.10	3.937	
21	3½	6.401	77		23.470	294	49	89.611	0.20	7.874	
22		6.706	78	13	23.774	300	50	91.440	0.30	11.811	
23		7.010	79		24.079	306	51	93.469	0.40	15.748	
24	4	7.315	80		24.384	312	52	95.098	0.50	19.685	
25		7.620	81	13½	24.689	318	53	96.926	0.60	23.622	
26		7.925	82		24.994	324	54	98.755	0.70	27.559	
27	4½	8.230	83		25.298	330	55	100.584	0.80	31.496	
28		8.534	84	14	25.603	336	56	102.413	0.90	35.433	
29		8.839	85		25.908	342	57	104.242	1.00	39.370	
30	5	9.144	86		26.213	348	58	106.070			
31		9.449	87	14½	26.518	354	59	107.899			
32		9.754	88		26.822	360	60	109.728			
33	5½	10.058	89		27.127	366	61	111.557			
34		10.363	90	15	27.432	372	62	113.386			
35		10.668	91		27.737	378	63	115.214			
36	6	10.973	92		28.042	384	64	117.043			
37		11.278	93	15½	28.346	390	65	118.872			
38		11.582	94		28.651	396	66	120.701			
39	6½	11.887	95		28.956	402	67	122.530			
40		12.192	96	16	29.261	408	68	124.358			
41		12.497	97		29.566	414	69	126.187			
42	7	12.802	98		29.870	420	70	128.016			
43		13.106	99	16½	30.175	426	71	129.845			
44		13.411	100		30.480	432	72	131.674			
45	7½	13.716	102	17	31.090	438	73	133.502			
46		14.021	108	18	32.918	444	74	135.381			
47		14.326	114	19	34.747	450	75	137.160			
48		14.630	120	20	36.576	456	76	138.989			
49		14.935	126	21	38.405	462	77	140.818			
50		15.240	132	22	40.234	468	78	142.646			
51	8½	15.545	138	23	42.062	474	79	144.475			
52		15.850	144	24	43.891	480	80	146.304			
53		16.154	150	25	45.720	486	81	148.133			
54	9	16.459	156	26	47.549	492	82	149.962			



## TABLE FOR CONVERTING METRES TO FEET AND FATHOMS

Mtrs	Feet	Fms	Metres	Feet	Fms	Metres	Feet	Fms	Metres	Feet	Fms
1	3.281	0.547	57	187.008	31.168						
2	6.562	1.094	58	190.289	31.715	5000	16404.20	2734.03			
3	9.843	1.640	59	193.570	32.262	6000	19685.04	3280.84			
4	13.123	2.187	60	196.850	32.808	7000	22965.88	3827.65			
5	16.404	2.734	61	200.131	33.355	8000	26246.72	4374.45			
6	19.685	3.281	62	203.412	33.902	9000	29527.56	4921.26			
7	22.966	3.828	63	206.693	34.449	10000	32808.40	5468.07			
8	26.247	4.374	64	209.974	34.996						
9	29.528	4.921	65	213.255	35.542	<b>Inches</b>	<b>Feet</b>	<b>Metres</b>	<b>Factors</b>		
10	32.808	5.468	66	216.535	36.089						
11	36.089	6.015	67	219.816	36.636	1	0.083	0.025	1 Inch=0.0254 m		
12	39.370	6.562	68	223.097	37.183	2	0.167	0.051	1 Foot=0.3048 m		
13	42.652	7.108	69	226.378	37.730	3	0.250	0.076	1 Fthm=1.8288 m		
14	45.932	7.655	70	229.659	38.276	4	0.333	0.102	or 6 feet		
15	49.213	8.202	71	232.940	38.823	5	0.417	0.127			
16	52.493	8.749	72	236.220	39.370	6	0.500	0.152			
17	55.774	9.296	73	239.501	39.917	7	0.583	0.178			
18	59.055	9.843	74	242.782	40.464	8	0.667	0.203			
19	62.336	10.389	75	246.063	41.010	9	0.750	0.229			
20	65.617	10.936	76	249.344	41.557	10	0.833	0.254			
21	68.898	11.483	77	252.625	42.104	11	0.917	0.279			
22	72.178	12.030	78	255.906	42.651	12	1.000	0.305			
23	75.459	12.577	79	259.186	43.198						
24	78.740	13.123	80	262.467	43.745	<b>Fthms</b>	<b>Metres</b>	<b>Feet</b>	<b>Metres</b>		
25	82.021	13.670	81	265.748	44.291						
26	85.302	14.217	82	269.029	44.838	200	365.760	700	213.360		
27	88.583	14.764	83	272.310	45.385	300	548.640	800	243.840		
28	91.864	15.311	84	275.591	45.932	400	731.520	900	274.320		
29	95.144	15.857	85	278.871	46.479	500	914.400	1000	304.800		
30	98.425	16.404	86	282.152	47.025	600	1097.280				
31	101.706	16.951	87	285.433	47.572	700	1280.160				
32	104.987	17.498	88	288.714	48.119	800	1463.040				
33	108.268	18.045	89	291.995	48.666	900	1645.920				
34	111.549	18.591	90	295.276	49.213	1000	1828.800				
35	115.829	19.138	91	298.556	49.759						
36	118.110	19.685	92	301.837	50.306	<b>Factor = 1 m = 3.280839895 feet or</b>					
37	121.391	20.232	93	305.118	50.853	<b>39370078740 inches = 0.546806649 fthm</b>					
38	124.672	20.779	94	308.399	51.400						
39	127.953	21.325	95	311.680	51.947						
40	131.234	21.872	96	314.961	52.493						
41	134.514	22.419	97	318.241	53.040						
42	137.795	22.966	98	321.522	53.587						
43	141.076	23.513	99	324.803	54.134						
44	144.357	24.059	100	328.084	54.658						
45	147.638	24.606	200	656.17	109.36						
46	150.919	25.153	300	984.25	164.04						
47	154.199	25.700	400	1312.34	218.72						
48	157.480	26.247	500	1640.42	273.40						
49	160.761	26.794	600	1968.50	328.08						
50	164.042	27.340	700	2296.59	382.76						
51	167.323	27.887	800	2624.67	437.45						
52	170.604	28.434	900	2952.76	492.13						
53	173.885	28.981	1000	3280.84	546.81						
54	177.165	29.528	2000	6561.68	1093.61						
55	180.446	30.074	3000	9842.52	1640.42						
56	183.727	30.621	4000	13123.36	2187.23						