



INDIAN NOTICES TO MARINERS FOR 2009

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

EDITION No. 02 DATED 16 JAN 2009

(CONTAINS NOTICES 063 TO 088)

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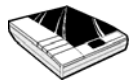
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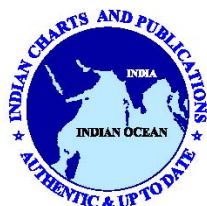
Mariner's Obligation and A Chart Maker's Plea. Observing changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested to notify the Chief Hydrographer to the Govt. 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 IX with N to M editions 1, 7, 13 and 19.

**Chief Hydrographer
to the Government of India**

**National Hydrographic Office
Post Box No. 75
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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° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart INT 1 (5020).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

Temporary and Preliminary Notices. These are indicated by (T) and (P) respectively after the Notice number and are placed in Section III. SI Nos. of those in force are published quarterly on 01 Jan, 01 Apr, 01 Jul and 01 Oct, and their text is published in Annual Edition of Indian Notices to Mariners. 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) NEW PUBLICATION**

<i>Publication</i>	<i>Date of Publication</i>	<i>Price</i>	<i>Remarks</i>
Annual Edition of Notices to Mariners 2009	01 Jan 2009	Rs. 500.00	Annual Edition of Notices to Mariners 2008 is withdrawn

(b) NEW INDIAN CHART

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
391	31-12-2008	CHENNAI TO KALINGAPATNAM <u>Limits</u> 12° 18'.00N; 80° 00'.00E. 19° 00'.00N; 84° 30'.00E.	750 000	5	Rs. 1360.00

(c) NEW EDITION INDIAN CHARTS

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
2013	31-12-2008	PORT OF OKHA <u>Limits</u> 22° 26'.70N; 69° 03'.50E. 22° 31'.00N; 69° 07'.00E.	12 500	2	Rs. 1360.00
4010	31-12-2008	DUGONG CREEK <u>Limits</u> 10° 45'.00N; 92° 31'.50E. 10° 51'.00N; 92° 40'.20E. HUT BAY <u>Limits</u> 10° 34'.00N; 92° 32'.00E. 10° 41'.20N; 92° 40'.70E.	25 000 25 000	6	Rs. 1360.00

(d) INDIAN CHARTS PERMANENTLY WITHDRAWN:

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>On Publication of New Chart / Edition</i>	<i>Date of Publication</i>
2013	30-11-2002	PORT OF OKHA	2013(NE)	31-12-2008
4010	30-09-2001	DUGONG CREEK HUT BAY	4010(NE)	31-12-2008

(e) **FORTHCOMING CHARTS**

CHART NO	TITLE	SCALE	REMARKS
2001	MUMBAI DOCKS	10 000	New Edition
2505	APPROACHES TO MATHURIN HARBOUR	50 000	New Chart

AVAILABILITY OF ENC's:

The complete folios of Official Indian ENC's are distributed worldwide through JEPPESEN MARINE (formerly C-MAP) and UKHO. UKHO distributes Indian ENC's 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 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: inho@dataone.in Website: www.hydrobharat.nic.in</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: info@c-map.co.in Website: www.c-map.co.in</p>	<p>United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Telex: 46274 Email: helpdesk@ukho.gov.uk Web site: www.ukho.gov.uk</p>
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SECTION – I
List of charts affected by
The Notices 063 to 088 contained in this Edition

INDIAN H.O. Chart No.	Folio No.	Notice No.	ADMIRALTY Chart No.	Folio No.	Notice No.
31	5	88(T)	11	40	69
32(INT 754)	5	87(T)	58(INT 7314)	41	70
203(INT 7319)	2	81(T)	933	46	63
288	1	69	1141	45	74
301	5	88(T)	2149	46	63
351	5	88(T)	2152	45	73
352(INT 7416)	5	88(T)	2153	45	72,73
357(INT 7397)	5	87(T)	2403	45	77,78,79
403	6	67	2781	46	63
435	7	71	2785	46	63
2016(INT 7336)	3	82(T)	2884(INT 7278)	40	69
2023	4	86(P)	3584	45	75
2033	2	64	3729	46	63
2047	4	66, 85(P)	3780	40	68
2050	2	70	3833	45	77,78,80
2053	3	84(P)	3921	45	75
2055	2	65	3933	45	76
2060	2	81(T)	3937	45	79,80
2068	2	81(T)	3946	45	74
2073	3	83(T)	3947	45	74,76
2079	2	64, 81(T)	3948	46	77,78
2080	2	64	3949	46	79,80
2083	2	64			
3029	5	87(T)			
4008	6	67			
4040	6	67			

SECTION – II: PERMANENT NOTICES
INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS


063/(02/09)	Miscellaneous updates to charts	
Source: BA Notice 7105/08		
BA Chart	Previous Updates	Details
933	638/08	Substitute accompanying note, CHARTS 932 AND 2056: POSITIONS, for existing note, CHART 932: POSITIONS, centred on 6° 07'·0S., 106° 38'·4E.
2149	549/08	Substitute accompanying note, CHARTS 2056, 2872 AND 2873: POSITIONS, for existing note, CHARTS 2872 AND 2873: POSITIONS, centred on 6° 19'·2S., 106° 39'·0E.
		Amend chart number to read, 2056 (see Note - POSITIONS), in position 5° 08'·6S., 106° 58'·7E.
2781	637/08	Insert accompanying note, CHART 2056: POSITIONS, centred on 4° 39'·6S., 104° 17'·9E.
		Amend chart number to read, 2056 (see Note - POSITIONS), in position 6° 34'·8S., 104° 30'·4E.
2785	549/08	Insert accompanying note, CHART 2056: POSITIONS, centred on 5° 13'·2S., 104° 43'·7E.
		Amend chart number to read, 2056 (see Note - POSITIONS), in the following positions: 5° 08'·6S., 105° 55'·1E. & 6° 36'·0S., 104° 31'·5E.
3729	523/08	Insert accompanying note, CHART 2056: POSITIONS, centred on 6° 39'·8S., 106° 51'·5E.
		Amend reference in W border at latitude 5° 55'·0S. to read, Adjoining Chart 2056 (see Note - POSITIONS).

***064/(02/09) INDIA – WEST COAST – Gulf of Kachchh – Approaches to Sikka – Anchorage Prohibited Area. No Fishing Zone. Port Limit.Legend.**

Source: Gujarat Maritime Board

(HJ/1131/20)

Chart 2080 [previous update 585/08]

Insert Anchorage and Fishing Prohibited area ,  , joining: 22° 32′-00N, 69° 46′-01E.(S Border)
22° 34′-71N, 69° 46′-01E.
(a) 22° 34′-74N, 69° 46′-11E.
and
(b) 22° 37′-06N, 69° 50′-13E.
22° 38′-96N, 69° 53′-43E.
22° 34′-96N, 69° 53′-43E.
22° 32′-96N, 69° 50′-19E.
22° 32′-00N, 69° 50′-02E.(S Border)



Delete Anchorage and Fishing Prohibited area ,  , joining: (a) above
22° 32′-00N, 69° 46′-11E.(S Border)
and
(b) above
22° 32′-00N, 69° 50′-20E. (S Border)


Chart 2083 [previous update 620/08]

Insert Anchorage and Fishing Prohibited area ,  , joining: (a) 22° 37′-10N, 69° 50′-12E.
22° 39′-00N, 69° 53′-42E.
22° 35′-00N, 69° 53′-42E.
22° 33′-00N, 69° 50′-18E.
22° 30′-71N, 69° 49′-75E.
22° 30′-23N, 69° 49′-84E.
22° 30′-03N, 69° 50′-05E.
22° 29′-96N, 69° 50′-00E.
22° 30′-08N, 69° 49′-83E.
22° 30′-57N, 69° 49′-31E.
22° 30′-28N, 69° 48′-23E.
22° 29′-53N, 69° 47′-00E.
22° 29′-29N, 69° 47′-14E.

***064/(02/09) INDIA – WEST COAST – Gulf of Kachchh – Approaches to Sikka – Anchorage Prohibited Area. No Fishing Zone. Port Limit. Legend.(Continued)**


- 22° 28′.74N, 69° 48′.00E.
- 22° 28′.58N, 69° 48′.50E.
- 22° 28′.63N, 69° 49′.00E.
- 22° 28′.42N, 69° 48′.57E.
- 22° 28′.62N, 69° 47′.86E.
- 22° 28′.94N, 69° 47′.19E.
- 22° 29′.64N, 69° 46′.53E.
- 22° 30′.47N, 69° 46′.00E.
- 22° 34′.75N, 69° 46′.00E.

(b) 22° 34′.78N, 69° 46′.10E.

Delete Anchorage and Fishing Prohibited area ,  , joining:

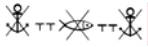
- (a) above
- 22° 30′.65N, 69° 50′.18E.
- 22° 30′.15N, 69° 48′.30E.
- 22° 31′.85N, 69° 46′.10E.

(b)above

Anchorage Prohibited area,  , joining:

- 22° 29′.82N, 69° 51′.00E.
- 22° 28′.84N, 69° 47′.96E.
- 22° 27′.85N, 69° 48′.20E.
- 22° 29′.52N, 69° 51′.00E.

Chart 2083(Plan)[previous update 620/08]

Insert Anchorage and Fishing Prohibited area ,  , joining:


- 22° 30′.50N, 69° 49′.79E.(N Border)
- 22° 30′.23N, 69° 49′.84E.
- 22° 30′.03N, 69° 50′.05E.
- 22° 29′.96N, 69° 50′.00E.
- 22° 30′.08N, 69° 49′.83E.
- 22° 30′.17N, 69° 49′.75E.(W Border)

Delete Anchorage Prohibited area,  , joining:

- 22° 29′.50N, 69° 50′.02E.(S Border)
- 22° 29′.74N, 69° 50′.75E.(E Border)

***064/(02/09) INDIA – WEST COAST – Gulf of Kachchh – Approaches to Sikka – Anchorage Prohibited Area. No Fishing Zone. Port Limit. Legend.(Continued)**

Chart 2079 [previous update 357/08]

Insert Anchorage and Fishing Prohibited area ,  , joining: 22° 34'·60N, 69° 46'·00E.(S Border)
22° 34'·75N, 69° 46'·00E.
(a) 22° 34'·78N, 69° 46'·10E.
and
(b) 22° 37'·10N, 69° 50'·12E.
22° 37'·43N, 69° 50'·70E.(E Border)

port limit, pecked line,- - - - -, joining: (c) 22° 34'·60N, 69° 46'·10E.(S Border)
(d) 22° 37'·15N, 69° 50'·70E.(E Border)

legend, *Limit of port of Sikka*, along: (c)-(d) above



Delete Anchorage and Fishing Prohibited area ,  , joining: (a) above
22° 34'·60N, 69° 46'·10E.(S Border)
and
(b) above
22° 34'·60N, 69° 50'·18E.(S Border)

Chart 2033 [previous update 223/08]

Insert Anchorage and Fishing Prohibited area ,  , joining: 22° 32'·40N, 69° 50'·09E.(N Border)
22° 30'·67N, 69° 49'·76E.
22° 30'·19N, 69° 49'·85E.
22° 29'·99N, 69° 50'·06E.
22° 29'·92N, 69° 50'·01E.
22° 30'·04N, 69° 49'·84E.
22° 30'·53N, 69° 49'·32E.
22° 30'·24N, 69° 48'·24E.
22° 29'·49N, 69° 47'·01E.
22° 29'·25N, 69° 47'·15E.
22° 28'·70N, 69° 48'·01E.
22° 28'·54N, 69° 48'·51E.
22° 28'·59N, 69° 49'·01E.
22° 28'·38N, 69° 48'·58E.
22° 28'·58N, 69° 47'·87E.
22° 28'·90N, 69° 47'·20E.
22° 29'·60N, 69° 46'·54E.
22° 30'·43N, 69° 46'·01E.
22° 32'·40N, 69° 46'·01E.(N Border)

***064/(02/09) INDIA – WEST COAST – Gulf of Kachchh – Approaches to Sikka – Anchorage Prohibited Area. No Fishing Zone. Port Limit. Legend.(Continued)**



Delete Anchorage Prohibited area,  , joining: 22° 32′.40N, 69° 50′.20E.(N Border)
 22° 30′.60N, 69° 50′.20E.
 22° 30′.10N, 69° 48′.30E.
 22° 31′.80N, 69° 46′.10E.
 22° 32′.40N, 69° 46′.10E.(N Border)
 and
 22° 28′.00N, 69° 48′.16E. (S Border)
 22° 28′.80N, 69° 48′.00E.
 22° 30′.10N, 69° 52′.00E.
 22° 28′.00N, 69° 48′.53E. (S Border)

Chart 2033(Inset) [previous update 223/08]

Delete Anchorage Prohibited area,  , joining: 22° 28′.50N, 69° 48′.06E.(N Border)
 22° 27′.80N, 69° 48′.21E.
 22° 27′.83N, 69° 48′.25E.(E Border)

***065/(02/09) INDIA – WEST COAST – Muldwarka Port – Legend.**

Source: Muldwarka Port

(HJ/1130/09)

Chart 2055 [previous update 358/08]

Insert legend ‘ South Jetty’, orientated NNW/SSE, centered on: 20° 45′.35N, 70° 39′.96E.

***066/(02/09) INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Beacon. Buoy. Jetty. Runway.**

Source: Hydrographic Note INS Sutlej

(HJ/1030/07)

Chart 2047(Plan Kalpitti to Parali Island) [previous update 529/08]

Insert Runway, Firm line Joining (a) 10° 49′.69N, 72° 10′.80E.
 (b) 10° 49′.08N, 72° 10′.37E.
 legend ‘Runway’ (a) – (b) above

***067/(02/09) INDIA – ANDAMAN ISLANDS – Aves Island – Light.**

Source: DLL Port Blair

(HJ/1028/27)

Chart 403 [previous update 384/07]

Insert  Fl(2)7s35m11M 12° 54′·8N, 92° 56′·3E.

Chart 4008 [previous update 039/09]

Insert  Fl(2)7s35m11M 12° 54′·75N, 92° 56′·30E.

Chart 4040 [previous update NC 31 Aug 07]

Insert  Fl(2)7s35m11M 12° 54′·865N, 92° 56′·098E.

068/(02/09) UNITED ARAB EMIRATES - Ar Ruays (Ruwais) - Barouge Channel - Buoyage.

Source: BA Notice 7044/08

(HJ/1132/47)

BA Chart 3780 [previous update 432/03] WGS84 DATUM

Amend	CW1light-buoy to, Fl(2)G.5s	24° 09′·39N., 52° 45′·16E.
	CW2light-buoy to, Fl(2)R.5s	24° 09′·39N., 52° 45′·23E.
	CW3light-buoy to, Q.G	24° 09′·11N., 52° 45′·15E.
	CW4light-buoy to, Q.R	24° 09′·11N., 52° 45′·22E.
	CW9light-buoy to, Fl(3)G.6s	24° 08′·38N., 52° 45′·07E.
	CW10light-buoy to, Fl(3)R.6s	24° 08′·25N., 52° 45′·24E.

069/(02/09) IRAN - Jazireh-ye Khark Eastwards - Wreck. Buoy.

Source: BA Notice 088/09


(HJ/1132/99)

Chart 288 [previous update 050/09] WGS84 DATUM

Insert  (a) 29° 11′·3N., 50° 34′·0E.

 Fl(2)6s, close N of: (a)above

069/(02/09) IRAN - Jazireh-ye Khark Eastwards - Wreck. Buoy.(Continued)**BA Chart 11 (plan A, Jazireh-ye Khark to Ganaveh) [previous update 412/07] WGS84 DATUM**

Insert  (a) 29° 11' 30N., 50° 34' 00E.
 Fl(2)6s, close N of: (a)above

BA Chart 2884(INT 7278) [previous update 050/09] WGS84 DATUM



Insert  (a) 29° 11' 3N., 50° 34' 0E.
 Fl(2)6s, close N of: (a)above

070/(02/09) PAKISTAN - Approaches to Karachi Harbour - Buoyage.



Source: BA Notice 087/09

(HJ/1131/43)

Chart 2050 [previous update 192/08] INDIAN DATUM

Substitute  Fl(2)10s for  Fl(2)10s 24° 46' 07N., 66° 58' 32E.

BA Chart 58 (INT 7314)[previous update 080/07] WGS84 DATUM

Substitute  Fl(2)10s for  Fl(2)10s 24° 46' 05N., 66° 58' 20E.

071/(02/09) MALAYSIA - Peninsular Malaysia, West Coast - Approaches to Kuala Perlis - Buoyage.

Source: BA Notice 7076/08

(HJ/927/69)

Chart 435[previous update 053/09] REVISED KERTAUI DATUM

Delete  Fl.G.4s 6° 22' 75N., 100° 03' 70E.
 Fl.R.4s 6° 24' 30N., 100° 06' 30E.

072/(02/09) MALAYSIA - Peninsular Malaysia, West Coast - Kuala Selat Lumut Westwards - Buoy.

Source: BA Notice 076/09

(HJ/927/28)

BA Chart 2153 (plan A)[previous update 056/09] REVISED KERTAUI DATUM

Delete  Fl(2)R.10s Tengah 2° 52' 67N., 101° 15' 59E.

073/(02/09) MALAYSIA - Peninsular Malaysia, West Coast - Pelabuhan Klang - Tanjung Sarang Lang Southwards and South-eastwards and Tanjung Sungai Agas Southwards - Drying heights. Depths.

Source: BA Notice 077/09

(HJ/927/38)

BA Chart 2152 [previous update 633/08] REVISED KERTAU DATUM

Insert	drying height $\underline{2}$ and extend 0m contour SE to enclose	3° 00′.113N., 101° 23′.307E.
	drying height $\underline{0}_5$ and extend 0m contour S to enclose (a)	3° 00′.080N., 101° 23′.146E.
	depth 5_1	2° 59′.861N., 101° 20′.940E.
	depth 15_1 (b)	2° 59′.533N., 101° 20′.317E.
	depth 14 and extend 15m contour NE to enclose	2° 59′.408N., 101° 20′.262E.
Delete	depth 0_2	3° 00′.120N., 101° 22′.960E.
	depth 0_5 , adjacent to:	(a) above
	depth 0_7	3° 00′.060N., 101° 23′.070E.
	depth 21_5 , close E of:	(b) above

BA Chart 2153 (plan B, Selat Klang Selatan) [previous update 072/09] REVISED KERTAU DATUM

Insert	depth 5_1	2° 59′.861N., 101° 20′.940E.
	depth 15_1 (a)	2° 59′.533N., 101° 20′.317E.
	depth 14 and extend 15m contour NE to enclose	2° 59′.408N., 101° 20′.262E.
Delete	depth 21_5 , close SSE of:	(a) above

074/(02/09) MALAYSIA - Peninsular Malaysia, East Coast - Pelabuhan Sungai Udang and Gosong Raleigh North-north-westwards - Lights. Depth.

Indian List of Lights Vol F & K 2003; F:- 1628.45, 1628.3

Source: BA Notice 109/09

(HJ/927/27)

BA Chart 1141 [previous update 607/07] REVISED KERTAU DATUM

Amend	light to, F.R	2° 14′.30N., 102° 07′.77E.
		2° 15′.24N., 102° 07′.00E.

BA Chart 3946 [previous update 056/09] REVISED KERTAU DATUM

Insert	depth 27_5 enclosed by 30m contour	2° 11′.60N., 101° 50′.60E.
Amend	light to, F.R	2° 14′.30N., 102° 07′.77E.
		2° 15′.24N., 102° 07′.00E.

BA Chart 3947 [previous update 634/08] REVISED KERTAU DATUM

Insert	depth 27_5 enclosed by 30m contour	2° 11′.60N., 101° 50′.60E.
Amend	light to, F.R	2° 14′.30N., 102° 07′.77E.

075/(02/09) INDONESIA -Sumatera - North-east Coast - Approaches To Belawan - Leading lights. Buoyage. Lights. Buoy. Stake. Jetty.

Indian List of Lights Vol F & K 2003: F- 1355.9, 1356, 1362.1, 1371


Source: BA Notice 6976/08

(HJ/928/31)

BA Chart 3584 (plan, Approaches to Belawan) [previous update 243/07] UNDETERMINED DATUM

Insert	sector limit, pecked line, joining:	(a)	3° 50′.98N., 98° 44′.77E. (N limit of block)
		(b)	3° 53′.87N., 98° 46′.77E. and
		(c)	3° 50′.98N., 98° 43′.98E. (N limit of block)
		(d)	3° 54′.60N., 98° 43′.32E.
	leading line, firm line	from: (e)	3° 50′.98N., 98° 44′.25E. (N limit of block)
		to: (f)	3° 55′.10N., 98° 44′.74E.
Delete	former sector limit, close E of:	(a)-(b)	above
	former sector limit, close W of:	(c)-(d)	above
	former leading line, close E of:	(e)-(f)	above

BA Chart 3584 (plan, Belawan) [previous update 243/07] UNDETERMINED DATUM

Insert	 Iso.6s15m7M No 5 symbol, stake with triangular topmark apex upwards jetty, single firm line, joining:	(a)	3° 47′.480N., 98° 42′.995E. 3° 47′.480N., 98° 43′.030E. 3° 47′.290N., 98° 40′.820E. (shore) and 3° 47′.355N., 98° 40′.815E.
Amend	light to, Q.4M		3° 47′.520N., 98° 42′.535E.
Delete	symbol, black and white light, Iso.6s12m7M No <u>V</u> , close S of: symbol, stake with triangular topmark apex upwards, close S of:		(a)above (a)above
BA Chart 3921 [previous update 541/08] UNDETERMINED DATUM			
Amend	range of light to 12M		3° 49′.30N., 98° 44′.10E.

076/(02/09) INDONESIA - Sumatera - Selat Rupat and Selat Bengkalis Northwards - Depths.

Source: BA Notice 108/09

(HJ/927/18)

BA Chart 3933 [previous update 457/08] JAKARTA DATUM

Insert	depth 6 ₅	1° 44'·54 N., 101° 54'·57E.
	depth 20 ₃	1° 47'·40N., 101° 51'·26E.
	depth 9 ₄ enclosed by 10m contour	1° 40'·75 N., 101° 47'·95E.
Substitute	depth 5 ₆ for depth 7 ₆	1° 36'·70N., 101° 53'·41E.

BA Chart 3947 [previous update 074/09] UNDETERMINED DATUM

Insert	depth 6 ₅	1° 44'·54N., 101° 54'·57E.
	depth 20 ₃	1° 47'·40N., 101° 51'·26E.
Substitute	depth 5 ₆ for depth 7 ₆	1° 36'·70N., 101° 53'·41E.

077/(02/09) INDONESIA - Sumatera - Pulau Karimun Besar Eastwards - Buoy.

Source: BA Notice 7070/08

(HJ/927/16)

BA Chart 2403 [previous update 636/08] WGS84 DATUM

Amend	light-buoy to, <i>Fl.Y.4s</i>	1° 00'·20N., 103° 30'·30E.
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BA Chart 3833 [previous update 636/08] WGS84 DATUM

Amend	light-buoy to, <i>Fl.Y.4s</i>	1° 00'·20N., 103° 30'·30E.
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BA Chart 3948 [previous update 636/08] UNDETERMINED DATUM



Amend	light-buoy to, <i>Fl.Y.4s</i>	1° 00'·20N., 103° 30'·20E.
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078/(02/09) INDONESIA - Sumatera - Selat Durian - Radio reporting points.



Source: BA Notice 7071/08

(HJ/927/06)



BA Chart 2403 [previous update 077/09] WGS84 DATUM

Insert	 , direction of vessel movement 359°	0° 58'·14N., 103° 37'·35E.
Delete	 ,	0° 57'·97N., 103° 35'·89E.

BA Chart 3833 [previous update 077/09] WGS84 DATUM

Insert	 , direction of vessel movement 359°	0° 58'·07N., 103° 37'·62E.
Delete	 ,	0° 57'·97N., 103° 35'·89E.

BA Chart 3948 [previous update 077/09] UNDETERMINED DATUM

Insert	 , direction of vessel movement 359°	0° 58'·00N., 103° 37'·42E.
Delete	 ,	0° 57'·98N., 103° 35'·78E.

079/(02/09) INDONESIA -Sumatera - Pulau Bintan - Tanjungpinang Westwards - Buoy.

Source: BA Notice 7072/08

(HJ/927/05)

BA Chart 2403[previous update 078/09] WGS84 DATUMInsert  0° 54′.54N., 104° 23′.73E.**BA Chart 3937(plan C, Tanjungpinang)** [previous update 474/08] BANGKA DATUMInsert  0° 54′.58N., 104° 23′.63E.**BA Chart 3949**[previous update 432/08] UNDETERMINED DATUMInsert  0° 54′.57N., 104° 23′.62E.**080/(02/09) INDONESIA - Sumatera - Pulau Belakangpadang Eastwards - Wreck.**

Source: BA Notice 7073/08

(HJ/927/16)

BA Chart 3833[previous update 078/09] WGS84 DATUMSubstitute  for  1° 08′.4N., 103° 54′.7E.**BA Chart 3937 (plan A, Sambu and Sekupang)** [previous update 079/09] BANGKA DATUMInsert  1° 08′.430N., 103° 54′.590E.Delete  PA 1° 08′.40N., 103° 54′.70E.**BA Chart 3949**[previous update 079/09] WGS84 DATUMSubstitute  for  PA 1° 08′.40N., 103° 54′.71E.

SECTION – III: TEMPORARY AND PRELIMINARY NOTICES

***081(T)/(02/09) INDIA – WEST COAST –Gulf of Kachchh - Approaches to Mundra Port – Buoy.**

Source: DLL Jamnagar

(HJ/1131/20)

1. Salaya Channel marking buoys, Narara at Position 22° 35′.92N., 69° 36′.10E retrieved for maintenance.
2. Mariners to exercise caution.

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

***082(T)/(02/09) INDIA – WEST COAST – Inner Approaches to Mumbai – Obstruction.**

Source: NAVAREA VIII Warnings 547/08 and INS Nirdeshak.

(HJ/1030/87)

1. Two (02) 20' Containers have been located at Position 18° 44′.55N., 72° 32′.92E. and assessed to have a clearance of about 28m above them.
2. Mariners to exercise caution.

Chart affected – 2016(INT 7336).

***083(T)/(02/09) INDIA – WEST COAST – Approaches to Kundapura (Coondapoor) – Experimental / Demonstration Cage.**

Source: Mangalore Research Centre of CMFRI

(HJ/1030/35)

1. As a Part of National Project on “**Open Sea Cage Culture**” the Mangalore Research Centre of CMFRI has laid two (02) Experimental/Demonstration Cages at the following locations:-
 - (a) 13° 48′.032N 74° 35′.883E.
 - (b) 13° 47′.732N 74° 35′.903E.
2. Mariners to exercise caution.

Chart affected – 2073.

***084(P)/(02/09) INDIA – WEST COAST – Sacrifice Rock to Beypore – Breakwater.**

Source: Port Department, Thiruvananthapuram.

(HJ/1030/14)

1. Two (02) in no. Breakwaters are under construction in the following Positions:-
 - (a) 11° 25'·90N 75° 41'·60E. to 11° 25'·79N 75° 41'·42E.
 - (b) 11° 26'·19N 75° 41'·30E. to 11° 26'·04N 75° 41'·05E.
2. Mariners to exercise caution.

Charts affected – 2053.***085(P)/(02/09) INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty.**

Source: Hydrographic Note INS Sutlej

(HJ/1030/07)

1. A Concrete jetty is under construction on the East Coast of Agatti Island. Details of Jetty are as follows:

Length	:	325m (089° 11' – 269° 11')
Width	:	15m
Position (WGS 84 Datum)		
10° 52' 05"·193N		72° 12' 09"·860E.
10° 52' 05"·416N		72° 12' 21"·578E.
10° 52' 06"·217N		72° 12' 21"·555E.
2. Mariners to exercise caution.

Charts affected – 2047.***086(P)/(02/09) INDIA – LAKSHADWEEP – Kavaratti Island – Jetty.**

Source: Hydrographic Note INS Sutlej

(HJ/1030/07)

1. A jetty is under construction on the South East Part of Kavaratti Island. Details of Jetty are as follows:

Construction	:	Iron Bars & Pillars
Length	:	245m approx (122° 30' – 302° 30')
Width	:	12m approx
Position (WGS 84 Datum)		
10° 33' 40"·262N		72° 38' 49"·202E.
10° 33' 36"·177N		72° 38' 55"·683E.
2. Mariners to exercise caution.
3. **Cancel former INM 217(T)/08.**

Charts affected – 2023.

***087(T)/(02/09) INDIA – EAST COAST – Approaches to Tirukkadaiyur Port - Racon.**

Source: PPN Power Generating Company Private Ltd.

(HJ/1030/10)

1. Racon (O) at port office of Tirukkadaiyur in position 11° 04'·41N., 79° 51'·16E functioning Normal.
2. *Cancel former INM 554(T)/08.*

Charts affected – 32 (INT 752) - 357(INT 7397) - 3029.

***088(T)/(02/09) INDIA – EAST COAST – Approaches to Hugli River – Seismic Survey.**

Source: NAVAREA VIII Warnings 004/09.

(HJ/1129/02)

1. Seismic survey in progress by survey vessels Professor Polshsov till 20 Mar 2009 in area bounded by following co-ordinates:

(a)	20°10'.00N	087°48'.00E
(b)	20°29'.00N	087°36'.00E
(c)	21°02'.00N	088°15'.00E
(d)	20°27'.00N	088°41'.00E
2. Vessel towing one in number 6500 meters long streamer cable attached to yellow coloured tail buoy with yellow flashing light and radar reflector.
3. All vessels operating in vicinity are to maintain a clearance of 04 NM around the vessel and exercise caution.
4. *Cancel this Notice on 21 Mar 2009.*

Charts affected – 31 – 301 – 351 – 352(INT 7416).

SECTION – IV: MARINE INFORMATION

MUMBAI NAVTEX COAST STATION

MSI Promulgation by Mumbai NAVTEX Coast Station position 19° 05'.00 N, 072° 50'.00 E is closed for maintenance.

(Source - NAVAREA VIII Warning 305/08)

Distribution of Indian Paper Charts and Nautical Publications

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

<p>*JEPPESEN MARINE Jeppesen India Pvt. Ltd. 505, Raheja Arcade, Sector-11, CBD Belapur, Navi Mumbai 400 614 Ph: 91 22 65103668 Fax: 91 22 67939504 Email: info@c-map.co.in</p>	<p>*JEPPESEN MARINE Jeppesen Norway AS P.O. 212, N-4379, Egersund, Norway Ph: 0047 51 464700 Fax: 0047 51 464701 Email: info@c-map.no Site: www.c-map.no</p>	<p>C-Map US Commercial 133 Falmouth Road, Building 2, Postal Code: 02649, Mashpee, MA, America Ph: +1 (508) 477 8010 Fax: +1 (508) 539 4381 Email: info@c-map.com</p>
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<p>Bogerd Martin Tianjin(China Branch) 2-B101 FTZ Hi-Tech Development Centre 131 Haibin 9 Road 300461 Tianjin China Ph: +86 22 257 62 721 Fax: +86 22 257 62 722 Email: charts-tj@martincn.com</p>	<p>C-Map Holland Paleiskade100 PO Box 7 1781 AR Den Helder, Holland Ph: +31 223 616 700 E Mail: CorMallie cor@chartworx.nl</p>	
<p>* Indicates C Map Norway AS has changed name to Jeppesen Marine Norway AS. Indicates C Map India has changed name to Jeppesen India.</p>		

TSUNAMI NOTICE

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.

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 – 2008.
- NAVAREA Warnings in force:** - The serial numbers of all the NAVAREA warnings in force as on 14 Jan 09, 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	008	2007 Series: 019 050 247 293. 2008 Series: 200 341 374 375 377 378 379 387 391 392. 2009 Series: 007 008
II	E. Atlantic	362	2008 Series: 286 292 337 351 352 355 362.
III	Mediterranean	006	2008 Series: 352 412 426 502 506 507 512 513 514 516 534 535 540 543 544 547 548 551 555 556. 2009 Series: 001 003 005 006
IV	N.W. Atlantic	006	2007 Series: 196. 2009 Series: Nil
V	W. Atlantic	068	2007 Series: 1078. 2009 Series: Nil.
VI	S.W. Atlantic	014	2009 Series: Nil.
VII	S.E. Atlantic	003	2008 Series: 102 148 185 188 189 191 192 198 201. 2009 Series: Nil.
VIII	Indian Ocean	031	2008 Series - 353 358 526 527 542 547 552 553 555 2009 Series - 002 004 005 008 010 011 012 017 019 020 021 022 023 024 026 027 028 029 030 031

- NAVAREA Warnings issued during the period from 31 Dec 08 to 14 Jan 09 (both dates inclusive) are as tabulated below:-

556 to 558. Cancelled.
<u>NAVAREA VIII Warnings of 2009</u>
001. Cancelled.

002. India West Coast- Arabian Sea. Charts 22 272 293 INT 705 .Anti Submarine Weapon firing exercises by Naval Ships and Aircrafts will be carried out on following dates . Danger area as follows

<u>Date</u>	<u>Time (UTC)</u>	<u>Area</u>	
01 Jan 2009	(1200 - 1700)	19-28.0N 19-39.0N 20-05.0N 19-56.0N	070-04.0E 069-35.0E 069-48.0E 070-16.0E
02 Jan to 05 Jan	(0130 – 0530) (1200 - 1700)	19-28.0N 19-39.0N 20-05.0N 19-56.0N	070-04.0E 069-35.0E 069-48.0E 070-16.0E
05 Jan to 10 Jan	(2130 - 0330) (0530 – 0930) (1330 – 1700)	19-52.0N 20-20.0N 19-42.0N 20-09.0N	068-55.0E 069-07.0E 069-26.0E 069-37.0E
10 Jan to 15 Jan	(1931 – 0030) (0630 – 1230)	18-10.0N 18-39.0N 18-10.0N 18-39.0N	069-51.0E 069-51.0E 070-20.0E 070-20.0E

2. Cancel this message on 16 Jan 2009.

003. Cancelled.

004. India East Coast – Bay of Bengal. Charts 31 352 INT 706. Seismic survey in progress by survey vessels Professor Polshov till 20 Mar 2009 in area bounded by following Co-ordinates:

(a) 20-10.00N	087-48.00E	(b) 20-29.00N	087-36.00E
(c) 21-02.00N	088-15.00E	(d) 20-27.00N	088-41.00E

2 Vessel towing one in number 6500 meters long streamer cable attached to yellow coloured tail buoy with yellow flashing light and radar reflector.

3 All vessels operating in vicinity are to maintain a clearance of 04 NM around the vessel and exercise caution.

4. Cancel this message on 21 Mar 2009.

005. India West Coast – Arabian Sea. Charts 21 201 250 270 291 INT 705. Seismic survey is in progress by Geowave Commander till 20 Jan 2009 in area bounded by:

(a) 23-11.00N	067-54.00E	(b) 23-11.00N	068-11.00E
(c) 22-49.00N	068-11.00E	(d) 22-49.00N	067-54.00E

2. Vessel is streaming in the north-south direction with 06 streamers the towing equipment extending 04 NM behind the vessel the cables are just below the surface at approx 07 metre depth and the trailing ends are attached to tail buoy with radar reflectors and white flashing light.

3. All vessels operating in vicinity are to maintain a clearance of 05 NM and exercise caution.

4. Cancel this message on 21 Jan 2009.

006. to 007. Cancelled.

008. India East Coast – Bay of Bengal. Charts 31 INT 706. 2 D Seismic data survey is in progress by SV Ramform Explorer till 23 Jan 2009 in area bounded by:

(a) 18-36.80N	087-11.00E	(b) 17-58.80N	087-11.00E
(c) 17-58.80N	087-29.90E	(d) 18-36.90N	087-29.90E

2. Vessel is towing 8 in number 8600 metres long streamer cable astern and each attached to yellow coloured tail buoy fitted with white flashing light and radar reflector.

3. All vessels operating in vicinity are to give wide berth of 06 NM and exercise caution.

4. Cancel this message on 24 Jan 2009.

009. Cancelled.

010. Cancel NAVAREA VIII Messages 508 546 556 and 557 of 2008. India West Coast – Arabian Sea. Charts 21 22 202 207 209 211 251 254 253 255 271 291 292 293 INT 705 INT 706. Present position of Oil Rigs / Drill Ships as follows:

ABAN III	19-15.28N	071-29.85E
ABAN IV	18-36.16N	071-01.65E
ABAN V	20-43.00N	072-19.06E
BADRINATH	19-02.66N	070-45.32E
FRONTIER ICE	19-54.20N	071-18.95E
JT ANGEL	18-38.26N	072-14.04E
KEDARNATH	19-11.75N	072-13.25E
NOBLE CHARLIE YESTER	19-17.78N	071-20.67E
NOBLE ED HOLT	18-33.63N	072-14.94E
PRIDE PENNSYLVANIA	19-32.00N	071-19.16E
PRIDE HAWAI	18-31.88N	072-16.74E
RON TAPMEYER	19-12.00N	072-11.00E
RANDOLPH YOST	19-05.34N	072-05.88E
SAGAR GAURAV	19-40.42N	071-19.39E
SAGAR LAXMI	18-36.16N	071-01.64E
SAGAR PRAGATI	19-38.26N	071-19.93E
SAGAR RATNA	19-39.57N	072-09.37E
SAGAR SAMRAT	19-32.13N	071-18.82E
SAGAR SHAKTI	19-11.56N	071-58.67E
SAGAR UDAY	19-16.26N	071-29.06E
SAGAR KIRAN	17-49.11N	072-36.91E
TRIDENT – 2	19-26.06N	071-24.26E
TRIDENT – 12	19-27.80N	071-16.83E
ENSCO-50	19-20.13N	072-01.28E
CE THORONTON	19-53.35N	071-14.50E
FG McCLINTOCK	20-06.27N	071-25.56E
DISCOVERY – 1	20-20.16N	072-01.35E
DEEP DRILLER 4	19-19.28N	072-00.48E
ENERGY DRILLER	10-00.03N	075-38.85E
NOBLE GEORGE McLEOD	20-43.00N	072-19.00E

2. Wide berth requested.

011. Cancel NAVAREA VIII Messages 509 534 535 and 550 of 2008. India East Coast– Bay of Bengal. Charts 31 32 33 301 351 352 353 354 355 356 357 3009 INT 706. Present position of Oil rigs / Drill ships as follows:

ATWOOD BEACON	16-40.90N	082-28.60E
DEEP WATER FRONTIER	16-30.40N	082-30.10E
SAGAR VIJAY	16-35.70N	082-27.30E
HERCULES 260	16-19.30N	081-47.00E
DEEP DRILLER I	16-41.80N	082-28.80E
ABAN II	09-27.90N	078-58.60E
PERRO NEGRO III	16-40.10N	082-25.70E
DISCOVERER 534	16-32.50N	082-31.80E
HERCULES 258	16-37.10N	082-22.20E
SAGAR JYOTI	16-22.10N	081-59.40E
DEEPWATER EXPEDITION	16-41.80N	082-41.90E
ACTINIA	11-16.40N	080-01.00E
SAGAR BHUSHAN	16-15.90N	082-10.90E
DISCOVERER SEVEN SEAS	08-00.90N	078-42.30E
DEEPSEA MATDRILL	16-22.12N	081-57.76E
ESSAR WILD CAT	16-42.30N	082-32.20E

2. Wide berth requested.

<p>012. Srilanka South Coast. Charts 23 32 264 INT 73 INT 706. Black partly submerged spherical object dia 03 metre floating in position 05-32.2N., 081-23.7E.</p> <p>2. All vessels operating in vicinity to keep sharp lookout and exercise caution.</p>																																
<p>013. to 016. Cancelled.</p>																																
<p>017. Bay of Bengal – Southern Portion. Charts 31 354 355 INT 706. Firing Practice by Naval Ships from 0330 UTC to 0830 UTC on 15 Jan and 16 Jan 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>16-30.0N</td> <td>083-15.0E</td> <td>(b)</td> <td>16-46.0N</td> <td>082-52.0E</td> </tr> <tr> <td>(c)</td> <td>16-52.0N</td> <td>083-29.0E</td> <td>(d)</td> <td>17-08.0N</td> <td>083-06.0E</td> </tr> </table> <p>2. Safe flying height 10000 metres.</p> <p>3. Cancel this message on 17 Jan 2009.</p>	(a)	16-30.0N	083-15.0E	(b)	16-46.0N	082-52.0E	(c)	16-52.0N	083-29.0E	(d)	17-08.0N	083-06.0E																				
(a)	16-30.0N	083-15.0E	(b)	16-46.0N	082-52.0E																											
(c)	16-52.0N	083-29.0E	(d)	17-08.0N	083-06.0E																											
<p>018. Cancelled.</p>																																
<p>019. Cancel NAVAREA VIII Message 015 of 2009. Bay of Bengal – Southern Portion. Charts 31 354 355 INT 706. Firing practice by Naval Ships from 0230 UTC to 1230 UTC on 15 Jan and 16 Jan 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>16-48.0N</td> <td>084-15.0E</td> <td>(b)</td> <td>14-01.0N</td> <td>083-15.0E</td> </tr> <tr> <td>(c)</td> <td>15-39.0N</td> <td>085-15.0E</td> <td>(d)</td> <td>15-11.0N</td> <td>082-14.0E</td> </tr> </table> <p>2. Safe flying height 16000 metres.</p> <p>3. Cancel this message on 17 Jan 2009.</p>	(a)	16-48.0N	084-15.0E	(b)	14-01.0N	083-15.0E	(c)	15-39.0N	085-15.0E	(d)	15-11.0N	082-14.0E																				
(a)	16-48.0N	084-15.0E	(b)	14-01.0N	083-15.0E																											
(c)	15-39.0N	085-15.0E	(d)	15-11.0N	082-14.0E																											
<p>020. India West Coast – Dwarka to Navibandar. Charts 21 204 252 271 291 292 INT 705. Hydrographic Survey will be progressed by Naval Survey Vessel and Survey Motor Boat from 13 Jan to 06 Feb 2009 in the following area:</p> <table> <tr> <td>(a)</td> <td>21-25.50N</td> <td>068-57.00E</td> <td>(b)</td> <td>21-25.50N</td> <td>069-50.00E</td> </tr> <tr> <td>(c)</td> <td>22-01.00N</td> <td>069-50.00E</td> <td>(d)</td> <td>22-01.00N</td> <td>068-57.00E</td> </tr> </table> <p>2. All vessels operating in vicinity are to maintain a safe distance from survey vessel and exercise caution.</p> <p>3. Cancel this message on 07 Feb 2009.</p>	(a)	21-25.50N	068-57.00E	(b)	21-25.50N	069-50.00E	(c)	22-01.00N	069-50.00E	(d)	22-01.00N	068-57.00E																				
(a)	21-25.50N	068-57.00E	(b)	21-25.50N	069-50.00E																											
(c)	22-01.00N	069-50.00E	(d)	22-01.00N	068-57.00E																											
<p>021. India West Coast – Pigeon Island. Charts 22 216 257 2072 INT 706. Firing Practice by Naval Ships and Aircraft on Pigeon Island between 0430 UTC to 0700 UTC on 15 Jan to 21 Jan 2009 . Danger area 10 NM around Pigeon Island.</p> <p>2. Safe flying height 3500 metres.</p> <p>3. Cancel this message on 22 Jan 2009.</p>																																
<p>022. Cancel NAVAREA VIII Message 014 of 2009. India West Coast- Arabian Sea. Charts 22 272 293 INT 705. Firing exercise by Naval Ships on following dates. Danger area as follows</p> <table> <thead> <tr> <th><u>Date</u></th> <th><u>Time (UTC)</u></th> <th colspan="2"><u>Area</u></th> <th><u>Safe Flying Height</u></th> </tr> </thead> <tbody> <tr> <td rowspan="4">13 Jan to 14 Jan 2009</td> <td rowspan="4">(2330 – 0430)</td> <td>18-05.0N</td> <td>072-07.0E</td> <td rowspan="4">2000 metre</td> </tr> <tr> <td>18-05.0N</td> <td>072-30.0E</td> </tr> <tr> <td>17-45.0N</td> <td>072-30.0E</td> </tr> <tr> <td>17-45.0N</td> <td>072-07.0E</td> </tr> <tr> <td colspan="2"></td> <th colspan="2"><u>Area</u></th> <td></td> </tr> <tr> <td rowspan="4">13 Jan to 14 Jan 2009</td> <td rowspan="4">(2330 - 0430)</td> <td>16-42.0N</td> <td>072-17.0E</td> <td rowspan="4">2000 metre</td> </tr> <tr> <td>16-27.0N</td> <td>072-45.0E</td> </tr> <tr> <td>15-32.0N</td> <td>073-15.0E</td> </tr> <tr> <td>16-10.0N</td> <td>072-05.0E</td> </tr> </tbody> </table> <p>2. Cancel this message on 15 Jan 2009.</p>	<u>Date</u>	<u>Time (UTC)</u>	<u>Area</u>		<u>Safe Flying Height</u>	13 Jan to 14 Jan 2009	(2330 – 0430)	18-05.0N	072-07.0E	2000 metre	18-05.0N	072-30.0E	17-45.0N	072-30.0E	17-45.0N	072-07.0E			<u>Area</u>			13 Jan to 14 Jan 2009	(2330 - 0430)	16-42.0N	072-17.0E	2000 metre	16-27.0N	072-45.0E	15-32.0N	073-15.0E	16-10.0N	072-05.0E
<u>Date</u>	<u>Time (UTC)</u>	<u>Area</u>		<u>Safe Flying Height</u>																												
13 Jan to 14 Jan 2009	(2330 – 0430)	18-05.0N	072-07.0E	2000 metre																												
		18-05.0N	072-30.0E																													
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		17-45.0N	072-07.0E																													
		<u>Area</u>																														
13 Jan to 14 Jan 2009	(2330 - 0430)	16-42.0N	072-17.0E	2000 metre																												
		16-27.0N	072-45.0E																													
		15-32.0N	073-15.0E																													
		16-10.0N	072-05.0E																													
<p>023. Bay of Bengal – Southern Portion. Charts 31 32 354 355 INT 706. Firing practice by Naval Ships from 0230 UTC to 1130 UTC on 19 Jan to 21 Jan 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>16-48.0N</td> <td>084-15.0E</td> <td>(b)</td> <td>14-24.5N</td> <td>082-54.5E</td> </tr> <tr> <td>(c)</td> <td>16-02.0N</td> <td>084-55.0E</td> <td>(d)</td> <td>15-11.0N</td> <td>082-14.0E</td> </tr> </table> <p>2. Safe flying height 22000 metres.</p> <p>3. Cancel this message on 22 Jan 2009.</p>	(a)	16-48.0N	084-15.0E	(b)	14-24.5N	082-54.5E	(c)	16-02.0N	084-55.0E	(d)	15-11.0N	082-14.0E																				
(a)	16-48.0N	084-15.0E	(b)	14-24.5N	082-54.5E																											
(c)	16-02.0N	084-55.0E	(d)	15-11.0N	082-14.0E																											

<p>024. India West Coast - Kochi. Charts 22 32 220 259 260 2004 2029 2045 INT 706. Firing exercise by Naval Coast Battery from 0900 UTC to 1200 UTC and 1230 UTC to 1430 UTC on 19 Jan and 23 Jan 2009. Danger area bounded by:</p> <table> <tr> <td>(a)</td> <td>09-57.5N</td> <td>075-59.5E</td> <td>(b)</td> <td>09-57.7N</td> <td>076-14.2E</td> </tr> <tr> <td>(c)</td> <td>09-44.0N</td> <td>076-17.5E</td> <td>(d)</td> <td>09-42.5N</td> <td>076-09.5E</td> </tr> </table> <p>2. Safe flying height 10000 metres. 3. Cancel this message on 24 Jan 2009.</p>	(a)	09-57.5N	075-59.5E	(b)	09-57.7N	076-14.2E	(c)	09-44.0N	076-17.5E	(d)	09-42.5N	076-09.5E						
(a)	09-57.5N	075-59.5E	(b)	09-57.7N	076-14.2E													
(c)	09-44.0N	076-17.5E	(d)	09-42.5N	076-09.5E													
<p>025. Cancelled.</p>																		
<p>026. Self Cancelling. Refer NAVAREA Eight Message 010 of 2009. Rig Enesco 50 completed its work and has been demobilised from area of operation</p>																		
<p>027. Self Cancelling. Cancel NAVAREA VIII Message 533 And 548 Of 2008. Promulgated Sufficiently.</p>																		
<p>028. India East Coast-Bay of Bengal. Charts 31 INT 706. Seismic Survey is in progress by Bergen Surveyor till 15 Feb 2009 in area bounded by:</p> <table> <tr> <td>(a)</td> <td>15-34.00N</td> <td>082-25.00E</td> <td>(b)</td> <td>14-26.00N</td> <td>082-25.00E</td> </tr> <tr> <td>(c)</td> <td>14-26.00N</td> <td>083-33.00E</td> <td>(d)</td> <td>15-34.00N</td> <td>083-33.00E</td> </tr> </table> <p>2. Vessel towing 01 in number 10000 metres long streamer cable attached to a yellow coloured tail buoy with white flashing light. 3. All vessels operating in vicinity are to maintain a clearance of 08 NM and exercise caution. 4. Cancel this message on 16 Feb 2009.</p>	(a)	15-34.00N	082-25.00E	(b)	14-26.00N	082-25.00E	(c)	14-26.00N	083-33.00E	(d)	15-34.00N	083-33.00E						
(a)	15-34.00N	082-25.00E	(b)	14-26.00N	082-25.00E													
(c)	14-26.00N	083-33.00E	(d)	15-34.00N	083-33.00E													
<p>029. Refer NAVAREA VIII message 011 of 2009. India East Coast- Bay of Bengal. Charts 31 32 355 INT 706. Drill ship Discoverer Seven Seas moved to new position 16-03.57N., 081-44.32E. 2. Wide berth requested.</p>																		
<p>030. Cancel NAVAREA VIII Message 025 of 2009. India West Coast – Arabian Sea. Charts 22 272 293 INT 705. Seismic Survey is in progress by Northern Explorer till 20 Jan 2009 in area bounded by</p> <table> <tr> <td>(a)</td> <td>14-46.0N</td> <td>072-00.0E</td> <td>(b)</td> <td>14-46.4N</td> <td>073-30.0E</td> </tr> <tr> <td>(c)</td> <td>12-40.0N</td> <td>073-30.0E</td> <td>(d)</td> <td>11-57.0N</td> <td>072-00.0E</td> </tr> <tr> <td>(e)</td> <td>14-48.0N</td> <td>072-00.0E</td> <td></td> <td></td> <td></td> </tr> </table> <p>2. Vessel is towing single 07 NM long streamer cable with white flashing light at the end of cable 3. All vessels operating in vicinity are to maintain a clearance of 08 NM and exercise caution 4. Cancel this message on 21 Jan 2009</p>	(a)	14-46.0N	072-00.0E	(b)	14-46.4N	073-30.0E	(c)	12-40.0N	073-30.0E	(d)	11-57.0N	072-00.0E	(e)	14-48.0N	072-00.0E			
(a)	14-46.0N	072-00.0E	(b)	14-46.4N	073-30.0E													
(c)	12-40.0N	073-30.0E	(d)	11-57.0N	072-00.0E													
(e)	14-48.0N	072-00.0E																
<p>031. India West Coast- Port of Mumbai. Charts 21 22 211 255 292 293 2015 2016 2076 INT 705 INT 706. Firing exercise by Colaba point from 0430 UTC to 0630 UTC on 21 Jan 2009. Danger area bounded by following co-ordinates</p> <table> <tr> <td>(a)</td> <td>18-48.00N</td> <td>072-38.00E</td> <td>(b)</td> <td>18-53.35N</td> <td>072-48.45E</td> </tr> <tr> <td>(c)</td> <td>19-00.00N</td> <td>072-44.05E</td> <td>(d)</td> <td>19-00.00N</td> <td>072-38.00E</td> </tr> </table> <p>2. Safe flying height 2000 meters 3. Cancel this message 22 Jan 2009</p>	(a)	18-48.00N	072-38.00E	(b)	18-53.35N	072-48.45E	(c)	19-00.00N	072-44.05E	(d)	19-00.00N	072-38.00E						
(a)	18-48.00N	072-38.00E	(b)	18-53.35N	072-48.45E													
(c)	19-00.00N	072-44.05E	(d)	19-00.00N	072-38.00E													



<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
IX	Persian Gulf, Red Sea, NW Arabian Sea	010	2007 Series: 022 027 062 095 106 155 172 200 212. 2008 Series: 022 027 044 045 046 051 061 069 089 105 107 128 157 176 179 182 184 189 190 191 199 201 202 203 205 207 210 211 213 216 217 219 220 222 223 225 226 228 229 231 233 234 235 238 239 241 242 243 244 246 248 249. 2009 Series: 001 002 003 007 008 009 010
X	Australia, New Guinea	383	2008 Series: 276 336 337 340 349 353 356 366 367 368 370 371 373 374 376 378 382 383.
XI	Malacca Strait, China Sea, N. Pacific	0007	2001 Series: 0775. 2003 Series: 0106. 2004 Series: 0361. 2005 Series: 0307. 2007 Series: 0002 0093 0133 0309 0344 0366 0513 0519 0523 0557 2008 Series: 0004 0006 0011 0014 0018 0020 0054 0091 0113 0160 0210 0219 0322 0326 0336 0347 0348 0349 0350 0352 0375 0380 0384 0398 0411 0412 0469 0475 0618 0675 0677 0781 0784 0785 0787 0788 0790 0792 2009 Series: 0001 0002 0003 0004 0005 0006 0007
XII	N.E. Pacific	019	2009 Series: Nil
XIII	N.W. Pacific	053 of 2008	2009 Series: Nil
XIV	S.W. Pacific	085 of 2008	2008 Series: 073 085. 2009 Series: Nil
XV	S.E. Pacific	153 of 2008	2009 Series: Nil
XVI	E. Pacific	001	2009 Series: Nil
Hydropacs	Pacific, Indian Ocean	097	2008 Series: 1140 1141 1473 1656 2198 2511. 2009 Series: Nil
Hydroplants	Atlantic, Mediterranean	066	2008 Series: 300. 2009 Series: Nil

SECTION – VI: CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VIII: CORRECTION TO LIST OF RADIO SIGNALS**INP 31(1), 2005***(Last correction: Edition No. 02 dated 16 Jan 2008)***PAGE 11, DJIBOUTI, DJIBOUTI (J2A) [4680], contacts table.**

Delete table and replace by:

DJIBOUTI (J2A) [4680]			
11° 35' N 43° 07' E			OBS
 +253 350489, 350498 & 351501		+253 355900	
CALL: Djibouti Radio		E--MAIL: djradioj2a@hotmail.fr	
NOTE: Station accepts Ships' Weather Reports addressed METEO DJIBOUTI.			

BA 52/08**02/09****INP 31(2), 2007***(Last correction: Edition No. 01 dated 01 Jan 2009)***NIL****BA, VOLUME 3 Part 1, NP 283(1), 2006/07***(Last correction: Edition No. 15 dated 01Aug 2006)***NIL****INP 31(5), 1997***(Last correction: Edition No. 10 dated 16 May 2008)***NIL****INP 31(6), 2005***(Last correction: Edition No. 01 dated 01 Jan 2009)**Page 93, India Section**Insert text before Sikka***Sanmar Marine Terminal - Karaikal** 10° 51'.0N 79° 54'.0E**Pilots and Terminals**

CALL: Sanmar Port Control Port Karaikal

TEL: +914368 292846

FAX: +91 4365 256473

FREQUENCY: Ch 16; 67

HOURS: H 24

PROCEDURE:

(1) All arriving vessels are advised to contact Sanmar Port Control Port Signal Station on VHF channel 16 at least 3 hrs before their arrival at Sanmar Terminal Karaikal Port.

(2) Pilot Boards the vessel at pilot boarding ground in position (3nm ENE of Jetty).

Note: Berthing carried out during daylight hours only unberthing done h24.

Sanmar Marine Terminal - Karaikal**02/09**

Page 90, India Section

Insert text after Nagapattinam

Nagapattinam - CPCL jetty 10°49.4'N 79°51.8'E

Pilots and Port

CALL: CPCL Base

TEL: 04365-252577

EMAIL: oms.cbr@cpcl.co.in

WEB: www.cpcl.co.in

FREQUENCY: Ch 16; 67

HOURS: H 24

PROCEDURE:

(1) All arriving vessels are advised to contact CPCL Base Port Signal Station on VHF channel 16 at least 2 hrs before their arrival at CPCL jetty.

(2) Pilot Boards the vessel at pilot boarding ground in position 1½ miles SE of Jetty

Note: The jetty handles crude oil & refined products. Berthing during daylight hours only. Maximum permissible draft is 6.2 m.

CPCL Nagapattinam

02/09

SECTION – IX: 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: - inho@dataone.in; inho_marinesafety@dataone.in
 in角度_navwarnings@dataone.in; inho_helpdesk@dataone.in
Fax No.: (0135) 2748373
WEB: 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 063/09

BA Chart 933

CHARTS 932 AND 2056: POSITIONS

Positions on chart 933 differ from those on charts 932 and 2056 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

To accompany Indian Notice to Mariners 063/09

BA Chart 2149

CHARTS 2056, 2872 AND 2873: POSITIONS

Positions on chart 2149 differ from those on charts 2056, 2872 and 2873 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

To accompany Indian Notice to Mariners 063/09

BA Chart 2781

CHART 2056: POSITIONS

Positions on chart 2781 differ from those on chart 2056 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

To accompany Indian Notice to Mariners 063/09

BA Chart 2785

CHART 2056: POSITIONS

Positions on chart 2785 differ from those on chart 2056 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

To accompany Indian Notice to Mariners 063/09

BA Chart 3729

CHART 2056: POSITIONS

Positions on chart 3729 differ from those on chart 2056 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.