

INDIAN NOTICES TO MARINERS



EDITION NO. 18 DATED 16 SEP 2012

(CONTAINS NOTICES 226 TO 231)

REACH US 24 x 7



in的角度@nic.in
msis-的角度@nic.in



+91-135-2748373



National Hydrographic Office
107-A, Rajpur Road
Dehradun – 248001
INDIA



Joint Director of Hydrography
Maritime Safety Information Services
+91- 135 - 2747360-65

WWW

www.hydrobharat.nic.in

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

FEEDBACK: msis-的角度@nic.in



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



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II

MARINER'S OBLIGATION AND A CHART MAKER'S PLEA

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

**Chief Hydrographer
to the Government of India**



III

EXPLANATORY NOTES

Corrections to Charts and Publications. Section I comprises List of Charts affected by the notices contained in this edition. Whereas sections II and III contain information for correcting the charts and publications. Mariners should insist on corrected charts from their chart distributors/agents.

- (a) Geographical positions given are in the horizontal datum of the current edition of the chart, unless otherwise stated.
- (b) Bearings are true, reckoned clockwise from 000° to 359°. Bearings to lights are from seaward.
- (c) Symbols referred to, are those shown on the chart 5020 (INT 1).
- (d) Alterations to depth contours, deletion of depths to make way for new detail, etc; are not normally mentioned, unless they have some navigational significance.
- (e) Blocks and notes, if any, accompanying the Notices in Sections II and III are placed after Section IX.

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

Source of Information. A star preceding the number of a Notice indicates that the notice is promulgated by INHO based on original information received.

Sailing Directions. Corrections for the Sailing Directions (Pilots) are given in Section VI.

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

- (a) These corrections should be incorporated as per instructions given on page XI of the List of Lights.
- (b) Such correction notices to list of lights may be published in either an earlier or a later Edition of N to M than the Edition containing the Notice to the chart correction.
- (c) The range of a light given is its nominal range. Its geographical range is given in parenthesis only if it is less than the nominal range.
- (d) A star indicates that the corresponding field is to be amended and all stars indicate that new light is to be inserted.

Radio Signals. The corrections in Section VIII should be cut and pasted in the appropriate volume of the List of Radio Signals.

Radio Navigational Warnings.

- (a) These are broadcast as serially numbered NAVAREA warnings by the concerned NAVAREA coordinator through GMDSS and Area Radio Broadcasts.
- (b) They contain important information affecting navigational safety, which cannot await the publication of the next edition of N to M.
- (c) It should be borne in mind that they may be based on reports which cannot always be verified before promulgation.
- (d) It is therefore necessary to be selective, and promulgate only the more important warnings to avoid overloading users; the less important information is included in the forthcoming edition of N to M or the Chart/publication concerned.

IV

Laws and Regulations. While in the interest of the safety of shipping, the Hydrographic Office makes every endeavor to include in its publications details of the laws and regulations of all countries pertaining to navigation, it must be clearly understood: -

- (a) That no liability whatsoever can be accepted for failure to publish details of any particular law or regulation
- and
- (b) That publication of details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the International validity of the law or regulation.

Correction of Charts and Publications by the Users. Notices to Mariners contain important information concerning safety of navigation at sea, hence, they should be used to keep the specified charts and publications up-to-date.

Reliance on Charts and Associated Publications. While every effort is made by the Hydrographic Office to ensure the accuracy of the information on Charts and Publications before they are published, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge for the reliance he can place on the information available, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

Use of Global Positioning System (WGS 84) positions.

- (a) The positions of hydrographic objects shown on most of the Indian charts and publications are in Everest datum. However, the positions of vessels obtained from Global Positioning System (GPS) are on World Geodetic System 1984 datum. There will always exist a difference in the position values obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum).
- (b) Wherever these differences have been ascertained, their average values are published as a Cautionary Note on the chart concerned, as shifts in Latitude and Longitude. Whilst plotting GPS positions on charts, the shift values as given on the chart must be applied, before making any assessment of the navigational situation vis-à-vis the other charted information.
- (c) These datum shift values are not uniform, particularly in areas off Andaman and Nicobar and Lakshadweep Islands, as these places are not linked to mainland network (Everest datum). Mariners are advised to use alternate source of position information such as Visual or Radar, particularly when closing the shore or navigating in the vicinity of dangers.

Source Data on Charts. All Indian charts contain specific information on their source of hydrographic data. In areas where the source data is very old, incomplete and less reliable, the mariner must use such charts with prudence. Mariner should always use the largest scale charts available for the area. Apart from being the most detailed, the larger scale charts are usually corrected first. Hydrographic information may be sparse on small scale charts. On such charts, a charted shoal may be in error as regards position, least depth and extent. Uncharted dangers may also exist, particularly in areas away from well-established routes. Mariners must exercise due caution.

Further Guidance. The Mariner's Hand Book (NP 100) gives full explanation on the use of charts and the type of information contained on charts. In their own interest, all users of charts should refer to it.

NEWLY PUBLISHED INDIAN CHARTS, ENC_s AND PUBLICATION

1. The new Indian Chart that is available for mariners in the market are as follows:-

-Nil-

2. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
206	VERAVAL TO DIU HEAD	150,000	New Edition
251 (INT 7318)	SIR CREEK TO DWARKA	300,000	New Edition
2045 (INT 7360)	PORT OF KOCHI	7,500	New Edition
2004 (INT 7359)	KOCHI HARBOUR	25,000	New Edition
2029 (INT 7358)	APPROACHES TO KOCHI	60,000	New Edition
391	CHENNAI TO KALINGAPATNAM	75,000	New Edition
252 (INT 7325)	OKHA TO VERAVAL	300,000	New Edition

Availability of ENC_s.

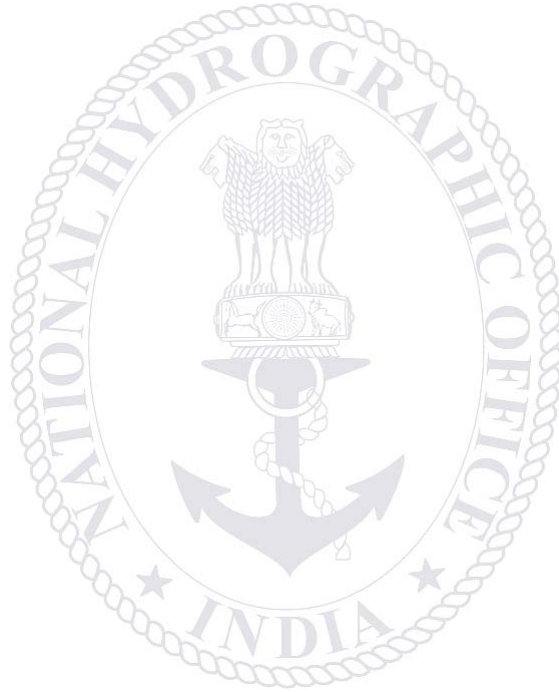
The complete folios of Official Indian ENC_s are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENC_s through the world wide network of their agents and distributors. Updates are also made available as per the existing policy of the distributor. Mariners and other ENC users may contact the under mentioned for further details:

The Chief Hydrographer to the Government of India National Hydrographic Office 107-A, Rajpur Road Dehradun- 248001 Uttarakhand, India Tele: +91-135- 2747365, Fax: +91-135-2748373 Email: inho-navy@nic.in msis-inho-navy@nic.in sales-inho-navy@nic.in Website: www.hydrobharat.nic.in	Director, M/s JEPPESEN Norway AS PO Box 212 N-4379 Egersund Norway Tel: +47-51- 464 700 Fax: +47-51-464 701 Mob : +91-9322 238 542 Email: enc@jeppesen.com, info@c-map.co.in Website: www.jeppesen.com
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	Director General Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: -gerry.larsson-fedde@statkart.no Website: - www.primar.org

SECTION – I

The lists of charts affected by the Notices 226 to 231 contained in this edition are as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
208	2	226
210	2	226
225	1	228
263 (INT 7383)	4	228
264	4	228
352 (INT 7416)	5	230
2008	3	227
3010 (INT 7418)	5	230
4006	6	229
8008	1	231



SECTION – II
PERMANENT NOTICES

***226/(18/12) INDIA – WEST COAST – Gulf of Khambhat – Depths. Sand Dunes.**

Source: NHO Dehradun.

Chart 208 [previous update 197/12]


Insert	depth, 20 ₆	21° 09′.77N., 72° 07′.61E.
	depth, 9 ₈	21° 09′.17N., 72° 02′.41E.
		21° 08′.67N., 72° 00′.21E.
Delete	depth, 10 ₉	21° 04′.10N., 71° 58′.40E.
	depth, 25 ₅	21° 03′.20N., 72° 10′.90E.
	depth, 7 ₃	21° 02′.90N., 72° 07′.50E.
	depth, 24	21° 03′.80N., 72° 08′.90E.
	depth, 27 ₅	21° 04′.60N., 72° 12′.90E.
	depth, 23	21° 06′.70N., 72° 12′.90E.
	depth, 13 ₇	21° 07′.10N., 72° 02′.00E.
	depth, 15 ₈	21° 09′.10N., 72° 05′.40E.
	depth, 23	21° 09′.20N., 72° 10′.20E.
	depth, 17 ₄	21° 09′.75N., 72° 13′.90E.
	depth, 22	21° 10′.60N., 72° 12′.20E.
	legend, “M”, centered on:	21° 05′.30N., 72° 13′.80E.
	legend, “CS”, centered on:	21° 09′.95N., 72° 13′.90E.
	legend, “soM”, centered on:	21° 11′.80N., 72° 11′.80E.
	legend, “Western Bank”, center on:	21° 03′.25N., 72° 09′.00E.

Chart 210 [previous update 159/10]

Insert	depth, 19 ₁	20° 22′.26N., 72° 09′.46E.
	depth, 19 ₄	20° 24′.56N., 72° 12′.13E.
Delete	depth, 18 ₉	20° 23′.90N., 72° 11′.25E.

***227/(18/12) INDIA – WEST COAST – Karwar Harbour and Approaches – Depths.**

Source: Karwar Port Office.

Chart 2008 [previous update 204/12]

Amend	Dredged depth, 9.1m (1986), to, 8.0m (2012)	14° 48′.10N., 74° 06′.92E.
	Dredged depth, 10.7m (1986), to, 8.0m (2012)	14° 48′.75N., 74° 05′.40E.
	Dredged depth, 10.1m (1986), to, 8.0m (2012)	14° 48′.30N., 74° 07′.00E.
		14° 48′.46N., 74° 07′.08E.
		14° 48′.70N., 74° 06′.20E.

***228/(18/12) SRI LANKA – WEST COAST – Colombo to Galle – Wreck.**

Source: Sri Lanka Port Authority.

Chart 263 (INT 7383) [previous update 129/12]

Insert	 Masts	06° 47′.13N., 79° 50′.05E.
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Chart 264 [previous update 110/12]

Insert	 Masts	06° 47′.13N., 79° 50′.05E.
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Chart 225 [previous update 151/11]

Insert	 Masts	06° 47′.13N., 79° 50′.04E.
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***229/(18/12) INDIA – ANDAMAN SEA – Andaman Islands – Port Blair – Pilot Boarding.**

Source: ILRS Volume VI.

Chart 4006 [previous update 147/12]

Insert



11° 41'·59N., 92° 46'·05E.

***230/(18/12) INDIA – EAST COAST – Paradip Port – Buoys. Pipeline.**

Source: Paradip Port Trust.

Chart 352 (INT 7416) [previous update 197/12]

Insert

FL.R.15s
Mo(U)
SPM II

20° 05'·00N., 86° 43'·56E.

FL.R.15s
Mo(U)
SPM III

20° 06'·30N., 86° 45'·64E.



from

20° 14'·09N., 86° 36'·50E. (Shore)

to

20° 05'·00N., 86° 43'·56E.



from

20° 14'·09N., 86° 36'·50E. (Shore)

to

20° 06'·30N., 86° 45'·64E.

Chart 3010 (INT 7418) [previous update 177/12]

Insert



from

20° 13'·98N., 86° 36'·50E. (Shore)

to

20° 07'·00N., 86° 42'·00E. (S border)



from

20° 13'·98N., 86° 36'·50E. (Shore)

to

20° 07'·00N., 86° 44'·80E. (S border)

231/(18/12) TANZANIA – Cabo Delgado to Lamu Bay – Lights.

Source: BA Notice 4112/12.

Chart 8008 [previous update 199/01]

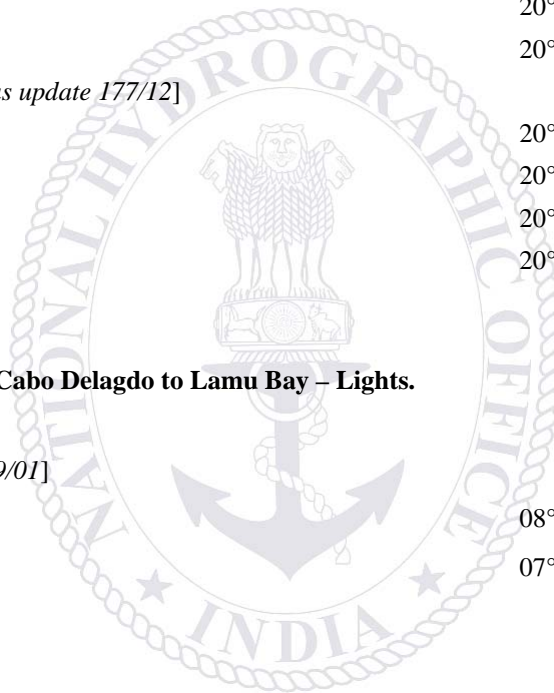
Insert



Fl.1os17M

08° 34'·37N., 39° 33'·99E.

07° 36'·92N., 39° 40'·83E.



SECTION – III
TEMPORARY AND PRELIMINARY NOTICES

-NIL-



SECTION – IV **MARINE INFORMATION**

1. **NAVTEX TRANSMISSION**

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

(Source – DG Shipping)

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

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

(Source - NAVAREA VIII Warning 100/12)

3. **DISPLAY ANOMALIES IN SOME ECDIS**

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

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

(Source - NAVAREA VIII Warning 141/12)

Distribution of Indian Paper Charts and Nautical Publications

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

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

List of Indian Chart Agents.

M/s OSA Books and Periodicals, R-246, Greater Kailash -I New Delhi - 110 048 Tel/Fax: 011-46557337, Mob: 9971093992 Email: rpani246@gmail.com	M/s Sterling Book House, 181, Dr. DN Road Fort, Mumbai – 400 001 Tel: 91-22-22612521, Fax: 91-22-22623551 Email : sbh@vsnl.com
M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor 58, Dr. Sunderlal Bahl Path (Goa Street) Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380, Fax: 91-22-22621488 Email: sales@bogerdmartin.com, sarmarin@vsnl.com	M/s EW Stevens & Co. (Pvt.) Ltd. Mackinnon Mackenzie Bldg, Ground Floor, 4 Shoorji Vallabhdas Marg, Mumbai-400 038 Tel: 91-22-22618567, Fax: 022-22619146 Email: ewsbom@bom3.vsnl.net.in
M/s C & C Marine Combine 25 Bank Street, 1 st Floor, Mumbai - 400 023 Tel: 91-22- 22660525, 22661937, 22672143 Fax: 91-22-22670896 Email: ccmarine@bom5.vsnl.net.in	M/s Maritime Charts & Publicatons 2/524 Sundeep Road, Chinna Neelangerai, Chennai 600041 Land Mark - Nearby Suganya Kalyana Mandapam Tele/Fax : +91-44-24490668 Mob No : +91-9003245348 Email: maritimeindia@airtelmail.in
M/s SVR Chart Agencies Door No.50-81-35/6, Santhipuram, Seetammappeta, Visakhapatnam-530 016 Tele Fax: 0891-2799471, Cell: 9440132553, 9849120988, 9885308200 Email : mahalakshmitravels@hotmail.com	M/s Jeppesen India Pvt. Ltd 505, Raheja Arcade, Sector 11 CBD, Belapur Navi Mumbai – 400 614 Tel: +91 22 5610 3668, Fax: +91 22 55939504 Mob: +9322238542 Email: raj_chakravorty@yahoo.com, info@c-map.co.in Website: www.c-map.co.in
M/s JM Maritime Services 24/24C Kavarana Building Ground Floor, Wadi Bunder P.D. Mellow Road, Mumbai – 400 009 Tel: +91 22 23736956, Fax: 022 - 23725083 Cell: +91 9820788357 Email : jmms@mtnl.net.in, charts@ mtnl.net.in	M/S Inspire Shipping, 46a, Ashok Chamber, Broach Street, Masjid Bunder (E), Mumbai – 400 009 Fax : 022 – 27713146 Email : info@inspireship.com, pramod@inspireship.com
M/S Lift-O-Marine Allens Mansion, Flat – C6 Nungli Station Road, Bata Nagar PO. Parbangla Kolkata - 700140 Tel: +91-33-24924293, Cell: +91-9477444392 Email: sankar_roy342@yahoo.in	M/s Global Marine Infratech Pvt. Ltd. Siksha Sandan, Ground Floor, ND-7, VIP Area, IRC Village Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Email: ashiskantha@gmiindia.in; Web: www.gmiindia.in

SECTION – V
NAVAREA – VIII WARNINGS IN FORCE

1. For details of NAVAREA limits and organisation/coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2012.

2. NAVAREA VIII Warnings Inforce as on 15 Sep 12.

2011 SERIES – 442 596 708

2012 SERIES – 037 289 343 346 355 385 387 388 405 408 414 418 421 423 428 429 433 434
435 436 437 438 439 440

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

420.	Cancel NAVAREA VIII 419/12 and this MSG.
421.	Cancel NAVAREA VIII 315/12. India West Coast – Gulf of Khambat. Charts 21 208 254 2044 INT 705. Significantly less water than charted reported in following positions: (a) 21-24.9N 072-20.4E (b) 21-40.9N 072-22.5E
422.	Cancel NAVAREA VIII 403/12 and this MSG. Bompoka lighthouse operational.
423.	India West Coast – Gulf of Kachchh. Charts 21 203 2018 2080 INT 705. Mungra Reef lighthouse unlit.
424.	Cancel NAVAREA VIII 381/12 402/12 406/12 410/12 and this MSG. INM 216/12 214/12 and 218/12 of INM edition 17/12 refers.
425.	NAVAREA VIII – messages in force as on 071001 UTC Sep 12: 2011 SERIES: - 442 596 708 2012 SERIES: - 037 289 343 346 355 382 385 387 388 396 399 405 408 414 416 418 421 423 (a) NAVAREA VIII warnings less than 42 days old (382/12 onward) are promulgated via SafetyNET. (b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in. (c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners. 2. Cancel this MSG 141001 UTC Sep 12.
426.	Bay of Bengal – Northern Portion. Charts 31 32 391 INT 71 INT 706. Firing practice by naval ships between 111230 UTC and 121630 UTC Sep 12 in area bounded by: (a) 16-09.0N 083-59.0E (b) 15-26.5N 084-44.0E (c) 14-38.0N 084-07.5E (d) 15-20.0N 083-24.0E 2. Safe flying height 22000 metres. 3. Cancel this MSG 121730 UTC Sep 12.
427.	Cancel NAVAREA VIII 416/12 and this MSG.
428.	India East Coast – Gopalpur. Charts 31 352 353 391 3005 INT 706. Firing by Army between 2330 UTC to 1800 UTC from 16 Sep to 26 Sep 12 in area bounded by: (a) 19-14.60N 084-53.70E (b) 19-37.05N 085-27.85E (c) 18-46.05N 085-22.86E and arc of 41 nm radius joining point (b) and (c). 2. Safe flying height 7000 metres. 3. Cancel this MSG 261900 UTC Sep 12.
429.	India East Coast – Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex between 0230 UTC to 0630 UTC from 18 Sep to 19 Sep 12. Danger zone bounded by: (a) 20-48.33N 087-02.58E (b) 18-12.33N 086-07.11E (c) 07-16.26S 087-03.10E (d) 07-10.46S 089-26.36E (e) 06-52.76S 091-48.58E (f) 18-24.13N 088-30.45E (g) 20-48.73N 087-07.41E 2. Caution advised. 3. Cancel this MSG 190730 UTC Sep 12.

430. India East Coast – Bay of Bengal. Charts 31 32 33 41 354 355 357 391 INT 706. Rig list. Correct at 111001 UTC Sep 12:		
ABAN II	16-39.13N	082-22.37E
ACTINIA	16-07.35N	081-54.73E
DEEP DRILLER-1	16-40.03N	082-27.54E
DEEP SEA MATDRILL	16-16.38N	081-43.84E
DHIRUBHAI DEEPWATER KG-1	16-08.23N	082-16.98E
GSF-140	16-31.68N	082-28.43E
MG HULME JR	16-35.70N	082-27.09E
NOBLE DUCHESS	16-16.45N	082-11.86E
PLATINUM EXPLORER	19-34.90N	086-22.01E
PERRO NEGRO 3	11-30.12N	079-56.06E
SAGAR VIJAY	16-13.33N	082-10.86E
wide berth requested.		
2. Cancel NAVAREA VIII 396/12.		
431. Mauritius South West Coast – La Reunion Island. Charts INT 70 INT 71 INT 72 INT 702. Naval gunnery exercises from 0600 UTC to 1000 UTC on 12 Sep 2012 in area bounded by:		
(a) 21-12.0S	054-57.0E	(b) 21-26.0S 055-02.5E
(c) 21-31.2S	054-47.4E	(d) 21-17.2S 054-42.0E
2. Caution advised.		
3. Cancel this MSG 121200 UTC Sep 12.		
432. Indian Ocean – Northern Part. Charts INT 70 INT 71 INT 707. Unmanned wooden Sri Lankan fishing vessel ST Anne reported adrift in vicinity 09-29S 093-20E at 100936 UTC Sep 12.		
2. Cancel this MSG 130936 UTC Sep 12.		
433. Andaman Islands – Duncan Passage. Charts 41 405 406 473 4030 INT 706. Firing practice by naval ships from 202330 UTC to 210530 UTC Sep 12 in area bounded by:		
(a) 11-14.9N	092-50.5E	(b) 11-02.2N 092-50.5E
(c) 11-02.2N	092-38.0E	(d) 11-14.9N 092-38.0E
2. Safe flying height 7000 metres.		
3. Cancel this MSG 210630 UTC Sep 12.		
434. India West Coast – Trivandrum. Charts 22 32 222 260 INT 706. RH 200 rocket launch from Thumba equatorial rocket launching station 08-31.98N 076-52.05E between 0500 UTC to 0700 UTC on 19 Sep 12.		
2. Danger zones:		
(a) Sector of radius 05 nm from launcher between azimuth angles 190 degree and 300 degree.		
(b) Sector of radii 45 nm and 75 nm from the launcher between azimuth angles 220 degree and 260 degree.		
3. Cancel this MSG 190800 UTC Sep 12.		
435. India East Coast – Bay of Bengal. Charts 31 351 352 3017 INT 71 INT 73 INT 706. Experimental flight trial scheduled from ITR launch complex as per dates and time:		
Date	Time	
21 Sep 12	0230 to 0500 UTC and 0700 to 0900 UTC	
22 Sep 12	0500 to 0830 UTC	
2. Danger zone bounded by:		
(a) 20-48.33N	087-02.58E	(b) 18-12.33N 086-07.11E
(c) 07-16.26S	087-03.10E	(d) 07-10.46S 089-26.36E
(e) 06-52.76S	091-48.58E	(f) 18-24.13N 088-30.45E
(g) 20-48.73N	087-07.41E	
3. Caution advised.		
4. Cancel this MSG 220930 UTC Sep 12.		
436 India West Coast – Arabian Sea. Charts 21 22 292 293 INT 705 INT 706. Rig list. Correct at 131130 UTC Sep 12:		
ABAN ICE	18-31.91N	071-21.11E
ABAN III	19-11.98N	072-11.00E
ABAN IV	19-40.40N	071-19.38E
ABAN VII	20-21.16N	071-48.46E
BADRINATH	19-11.16N	070-39.66E
CE THORNTON	19-34.68N	071-20.08E
DEEP SEA FORTUNE	18-39.66N	072-13.33E
DEEP SEA FOSSIL	19-33.13N	071-16.35E
DISCOVERY-1	18-36.11N	071-01.58E
ENERGY DRILLER	18-46.03N	071-25.41E

436. Continued.		
FG MC CLINTOK	19-38.00N	071-21.73E
GREATDRILL CHETNA	20-44.07N	071-55.05E
GREATDRILL CHITRA	18-39.50N	072-12.85E
JT ANGEL	19-36.73N	071-24.00E
KEDARNATH	20-22.31N	071-28.48E
NOBLE CHARLIE YESTER	19-18.21N	071-15.95E
NOBLE ED HOLT	18-41.46N	072-20.88E
RON TAPMEYER	19-34.15N	071-25.11E
SAGAR GAURAV	19-16.81N	072-11.73E
SAGAR KIRAN	20-51.38N	072-06.20E
SAGAR LAXMI	18-36.15N	071-01.63E
SAGAR PRAGATI	18-32.26N	072-15.43E
SAGAR SHAKTI	19-10.40N	071-26.43E
SAGAR JYOTI	20-31.60N	071-46.73E
TRIDENT – 2	19-32.35N	071-20.91E
TRIDENT – 12	18-39.21N	070-58.85E
VIRTUE 1	18-37.23N	072-14.93E
wide berth requested.		
2. Cancel NAVAREA VIII 382/12.		
437. India East Coast – Bay of Bengal. Charts 31 32 33 41 354 355 357 391 INT 706. Rig list. Correct at 131131 UTC Sep 12:		
ABAN II	16-39.13N	082-22.37E
ACTINIA	16-07.35N	081-54.73E
DEEP DRILLER-1	16-40.03N	082-27.54E
DEEP SEA MATDRILL	16-16.38N	081-43.84E
DHIRUBHAI DEEPWATER KG-1	16-08.23N	082-16.98E
GSF-140	16-31.68N	082-28.43E
MG HULME JR	16-35.70N	082-27.09E
NOBLE DUCHESS	16-16.45N	082-11.86E
PLATINUM EXPLORER	19-36.20N	086-32.20E
PERRO NEGRO 3	11-30.12N	079-56.06E
SAGAR VIJAY	16-13.33N	082-10.86E
wide berth requested.		
2. Cancel NAVAREA VIII 430/12.		
438. India West Coast – Gulf of Khambhat. Charts 21 207 254 292 INT 705 INT 706. Narmada channel marking buoy no 7 reported missing.		
2. Caution advised.		
439. India West Coast – off Mumbai. Charts 21 22 255 292 INT 706. Platforms reported unlit in following positions:		
(a) 19-08.0N	071-51.9E	
(b) 19-08.6N	071-55.1E	
(c) 19-07.5N	071-59.8E	
2. Caution advised.		
440. NAVAREA VIII – messages in force as on 141003 UTC Sep 12:		
2011 series: - 442 596 708		
2012 series: - 037 289 343 346 355 385 387 388 399 405 408 414 418 421 423 428 429 433 434 435 436 437 438 439		
(a) NAVAREA VIII warnings less than 42 days old (387/12 onward) are promulgated via SafetyNET.		
(b) Text of NAVAREA VIII warnings inforce including those which are no longer being broadcast are available on website www.hydrobharat.nic.in		
(c) Texts of NAVAREA VIII warnings are also printed in section V of fortnightly editions of Indian Notices to Mariners		
2. Cancel this MSG 211003 UTC Sep 12.		

6.1

SECTION – VI

CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

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

-NIL-

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. mts	Range miles	Structure & Height (mts)	Remarks
D7097	- Martello Tower	20 10.11S 57 28.30E	Al Iso WG 4s	24	10	White granite tower, black stripe 12	
	*	*	*	*	*	*	*
D7325.36	- S Breakwater. NW Corner. Jetty	23 49.67 N 57 31.75 E	Fl (2) R 5s	5	3	Red □ on metal post 2	
	*	*	*	*	*	*	*
D7325.37	- S Breakwater. Ramp Jetty	23 49.54 N 57 31.86 E	Iso G 4s	4	3	Green Δ on metal Post 2	
	*	*	*	*	*	*	*
D7325.38	- S Breakwater. SW Corner. Jetty	23 49.40 N 57 31.79 E	LF1 G 6s	4	3	Green Δ on metal Post 2	
	*	*	*	*	*	*	*
	RAS JU'AYMAH TERMINALS						
D7434.5	- SPM, Berth 34	26 56.80 N 50 04 .39 E	Fl(4) Y 10s				
	*	*	*	*	*	*	*
D7434.55	- SPM, Berth 35	26 55.74 N 50 03.70 E	Fl(5) Y 20s				
	*	*	*	*	*	*	*
	HOUT OIL FIELD						
D9124	- Hout Oilfield	28 51.32 N 49 01.67 E	Fl WR 5s		14	Platform	Numerous installations, some marked by lights, exist in this field
	*	*	*	*	*	*	*
	AMAL OILFIELD						
E8324	- Felix Jones patches. AMAL-B	28 04.17 N 33 34.31 E	Lit		..	Platform	
	*	*	*	*	*	*	*
E8325	- Felix Jones patches. AMAL-A	28 03.41 N 33 34.42 E	Lit		..	Platform	
	*	*	*	*	*	*	*
F0498	- Bassein (Vasai)	19 19.30N 72 49.30E	Q R		5	2 Metal post on masonry base	TE 2012
	*	*	*	*	*	*	*
F0436	Sawaibet	20 54.24N 71 31.58E	Fl(4) W 30s	44	21	White square masonry, red bands 14	(fl 0.3, ec 4.7) x 3, fl 0.3, ec 14.7.
	*	*	*	*	*	*	*
		..	Racon	ILRS Vol 2 Station 78950
	*	*	*	*	*	*	*
F1685.2	- TMUC Terminal TPU-N1	1 16.65 N 103 39.88E	Fl Y 6s	Beacon	
	*	*	*	*	*	*	*
F1685.21	- TMUC Terminal TPU-N2	1 16.64 N 103 39.87E	Fl Y 6s	Beacon	
	*	*	*	*	*	*	*

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SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

(Last correction: Edition No. 16 dated 16 Sep 2011)

NIL

INP 31(2), 2007

(Last correction: Edition No. 14 dated 16 Jul 12)

NIL

INP 31(5), 2011

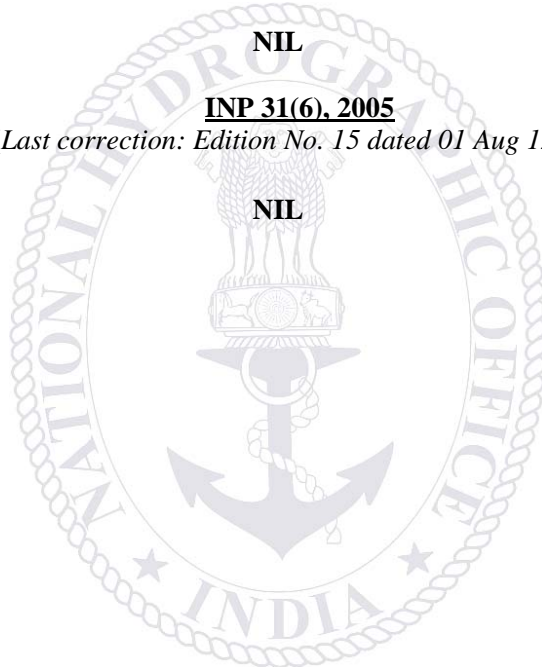
(Last correction: Edition No. 15 dated 01 Aug 12)

NIL

INP 31(6), 2005

(Last correction: Edition No. 15 dated 01 Aug 12)

NIL



SECTION – IX **REPORTING OF NAVIGATIONAL DANGERS**

Appeal to all Mariners

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

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

Instructions for filling up IH 102

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

Position Reporting

3. Accurate position or knowledge of position error is of great importance. Latitude and Longitude should only be used to specify position details when they have been fixed by GPS or Astronomical Observations. A full description of the method, equipment, time and datum (WGS 84/ Everest/Other) used should be given. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two bearings should be used in order to provide a redundancy check. Distances observed by Radar should be corrected for index errors. Where position is derived after the event, from other observations and/or Dead Reckoning, the methodology of deriving the position should be included.

4. **Paper Charts.** A copy/tracing of largest scale chart is the best medium for forwarding details, the alterations and additions being shown thereon in red, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.

5. **ENCs.** A Screen shot of largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected cell should be sent along with details of the ECDIS make and version in use at the time.

Depth Reporting

6. When soundings are obtained using echo sounders, the echo sounding trace should be duly annotated with date, times, position, depths, etc., and forwarded with the IH102. It is important to state whether the 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 made where necessary. The make, name and type of echo sounder should also be given.

7. For modern echo sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use. Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:

- (a) the trace being weaker than normal for the depth recorded;
- (b) the trace passing through the transmission line;
- (c) the feathery nature of the trace.

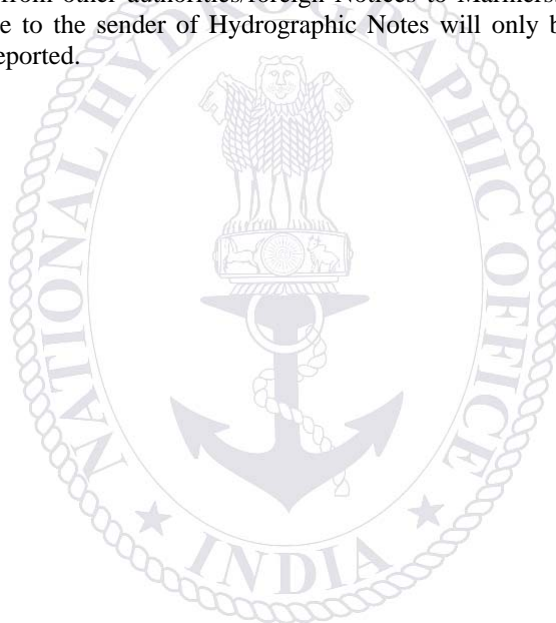
As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from the charted depths. Efforts should be made to identify and negate false echoes if any. The Mariners Handbook (NP100) and Notice 15 Special Edition of Notice to Mariners may be consulted.

8. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be notified.

9. Reports of **shoal soundings**, uncharted dangers and aids to navigation out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers in such that any uncharted depth under 30 meters or 15 fathoms may be of sufficient importance to justify a radio message.

10. Changes to Port information should be forwarded on Form IH.102A together with form IH.102. Form 102 A contains the information required for Sailing Directions and should be used as an *aide memoir*. The Mariners Handbook, NP100, Chapter 8 gives general instructions. Where there is insufficient space on the forms an additional sheet should be used.

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes received. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/foreign Notices to Mariners. Further communication from National Hydrographic Office to the sender of Hydrographic Notes will only be necessary to verify unusual features or abnormal values reported.



HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date			Ref. Number		
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date			Time (UTC/IST)		
Object of Changes Observed (Tick appropriate)	<input type="checkbox"/> Bathymetry		<input type="checkbox"/> Nav. Dangers		<input type="checkbox"/> Nav. Aids
	<input type="checkbox"/> Designated Areas			<input type="checkbox"/> Others	
Geographical Position (See Instructions Overleaf)	Latitude			Longitude	
Position Method	<input type="checkbox"/> DGPS	<input type="checkbox"/> GPS	<input type="checkbox"/> Radar	<input type="checkbox"/> Others	
Datum Used	<input type="checkbox"/> WGS84	<input type="checkbox"/> Everest		<input type="checkbox"/> Others	
Charts Affected				Edition	
Latest Edition of Indian Notices to Mariners Held					
Tracing/Plot/Photograph if enclosed					
ENCs Affected					
Latest Update Disk Held					
Publication Affected				Edition	
Page No./Light No. etc					
Details:					
Limitations if any in Reporting the Changes Above					
Details of Documents/Photos attached:					
Signature of the Master/Reporter/Observer					

HYDROGRAPHIC NOTE FOR PORT INFORMATION (To accompany Form IH.102)		IH.102A (Revised 2012)	
Date		Ref. No.	
Name of the Ship or Sender			
Address			
Tel/Fax/E-mail			
1. NAME OF PORT			
Location	Latitude		Longitude
2. GENERAL REMARKS			
Principal activities and trade			
Number of ships and tonnage handled per year			
Maximum size of draught of vessel handled			
Copy of Port handbook (if available)			
3. ANCHORAGES			
Type / Purpose			
Minimum depth at anchorage			
Shelter afforded			
Holding ground			
Recommended pilotage to the anchorage			
4. PILOTAGE			
Authority for request			
Embarkation position			
Regulations			
Documents to be provided			
Recommended pilotage to approach of Harbour and Berths			
Information on VTMS			
5. DIRECTIONS			
Entry and Berthing Information			
Tides (Height)			
Tidal Stream Information			
Wind Speed and Direction			
Navigational Aids (Beacons / Buoys / Lights / Etc.)			
6. POLLUTION CONTROL			
Local regulation in force (If Any)			
7. TUGS			
Number available / Tug type			
Maximum HP / Bollard pull			

7. TUGS (Continued)	
Requesting authority	
Availability timing / Communication	
Hiring charges	
8. BERTHING AND WHARVES	
Type & Number of berths available	
Length	
Depth alongside	
Facilities available	
Procedure for requesting berth & hiring charges	
9. CARGO HANDLING	
Containers	
Lighters & Ro-Ro etc.	
10. CRANES	
Brief details of Max. lifting capacity, Height of boom at wharf level and Outreach	
Container handling facilities	
11. BRIDGES	
Vertical clearance	
12. REPAIRS	
Hull machinery and underwater	
Ship and Boat yards	
Docking or Slipway facilities (Size/ Dimensions of vessels handled)	
Hards and Ramps	
Divers / Diving assistance	
13. SERVICES	
Radio / FAX / Telephone / Internet etc.	
Medical	
Quarantine	
Consul	
Ship chandlery and Stevedores	
Compass adjustment	
Tank cleaning	
Hull painting	
Police / Ambulance / Firefighting (Fixed and Mobile facilities)	
Nav. Warning and Weather bulletin	
Garbage disposal / Waste oil disposal	
Helicopter landing facilities	

14. RESCUE & DISTRESS	
Salvage, Lifeboat, Life guards, etc	
15. SUPPLIES	
Fuel (Type, Quantities & Method of delivery)	
Fresh water (Method of delivery and Rate of supply)	
Provisions	
Chart agents	
16. COMMUNICATIONS	
Road, Rail and Air services available	
Nearest airport or airfield	
Port Radio and Information Service (Frequencies and Operating Hours)	
17. PORT AUTHORITY	
Designation, Address, Telephone, E-mail Address and Website	
18. SECURITY	
Security of ports / International Ship and Port Facility Security (ISPS) compliance	
Custom and Immigration Regulations in force	
19. SMALL CRAFT FACILITIES	
Information and facilities for small craft, yachts visiting the port	
Yacht clubs, berths etc	
20. SHORT LEAVE	
21. CLUBS RECREATION	
Information Kiosk (Location)	
Foreign Exchange firms / Banks (Within / Near Port Area)	
Places of interest near port	
22. VIEWS	
Photographs(Duly annotated) of the approaches, leading marks, the entrance to the harbour etc.	
23. ADDITIONAL DETAILS	
Any other information considered to be useful for the mariners	
SIGNATURE OF THE OBSERVER / REPORTER / MASTER	



FOR 24 X 7 SAR ASSISTANCE IN INDIAN SRR

Email: indsar@vsnl.net

NATION WIDE SAR TELE: 1554 (LAND LINE)

INMARSAT C (IOR) 441907210 CODE: 43 (TOLL FREE)

AFTN: VABBYXYC