



INDIAN NOTICES TO MARINERS FOR 2009

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

EDITION No. 13 DATED 01 JUL 2009

(CONTAINS NOTICES 227 TO 234)

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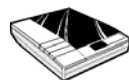
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Mariner's Obligation and A Chart Maker's Plea. Observing Changes at sea proactively and reporting them promptly to the concerned charting agency, is an obligation that all mariners owe to the entire maritime community towards SOLAS. Mariners are requested 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 this notice.

**Chief Hydrographer
to the Government of India**

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

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For the Indian Ocean Area
**INSIST 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 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 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>
2002 (INT 7351)	15-06-2009	PORTS OF NEW MANGALORE AND MANGALORE <u>Limits</u> 12° 49'.10N; 74° 43'.70E. 13° 00'.25N; 74° 50'.80E.	20,000	3	Rs. 1360.00
2035	15-06-2009	KALPANI AND CHERIYAM ISLANDS <u>Limits</u> 9° 59'.50N; 73° 33'.80E. 10° 12'.80N; 73° 42'.50E.	25,000	4	Rs. 1360.00
2076 (INT 7338)	15-06-2009	JAWAHARLAL NEHRU PORT AND TROMBAY <u>Limits</u> 18° 53'.40N; 72° 52'.30E. 19° 04'.10N; 72° 59'.50E.	20,000	3	Rs. 1360.00

(b) **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>
2002 (INT 7351)	31-07-2000	PORTS OF NEW MANGALORE AND MANGALORE	2002 (NE)	15-06-2009
2035	15-05-1992	KALPANI AND CHERIYAM ISLANDS	2035 (NE)	15-06-2009
2076 (INT 7338)	01-12-1990	JAWAHARLAL NEHRU PORT AND TROMBAY	2076 (NE)	15-06-2009

(c) **FORTHCOMING CHARTS**

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2058	CANNANORE AND TELLICHERRY ANCHORAGE	30,000	New Edition
2027	ROZI ANCHORAGE	25,000	New Edition
352 (INT 7416)	GOPALPUR TO PARADIP	3,00,000	New Edition

(d) **FORTHCOMING PUBLICATION**

<i>Publication</i>	<i>Price</i>	<i>Remarks</i>
NAUTICAL ALMANAC 2010 (INP 11)	Rs. 2370.00	

(e) **NEW INDIAN ELECTRONIC NAVIGATIONAL CHART**

<i>Sl. No.</i>	<i>Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Publication Date</i>
1	<i>IN42100A</i>	2100	APPROACHES TO PORT PIPAVAV	31-03-2009

AVAILABILITY OF ENCs:

The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP) and UKHO. UKHO distributes Indian ENCs through the world wide net work of their agents and distributors. Details of UKHO agents / distributors may be obtained from UKHO web site www.ukho.gov.uk 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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TEMPORARY AND PRELIMINARY NOTICES

In Force 01 July 2009

(Former In Force List dated 01 April 2009 is cancelled)

Cancelled Notices

<i>Area</i>	<i>Notice No.</i>
1	Nil
2	639/08, 133/09, 166/09, 167/09, 183/09, 197/09, 330/01, 176/03, 544/07
3	332/08, 614/08, 640/08, 061/09, 098/09, 108/09, 109/09, 121/09, 155/09, 198/09, 276/05
4	Nil

1. AFRICA EAST COAST, MADAGASCAR, RED SEA, ARABIA, PERSIAN GULF, PAKISTAN

Notice	Charts Affected	Description
506/04	20 – 8004.	IRAN – Khuran (Clarence Strait) – Jetty. Buoyage. Depths. Drying height. Pilot boarding place. Lights. Moorings buoys.
445/06	20 – 21 – 286 – 291 – 2088 – 2094 – 2095 – 2096 – 7703 (INT 703) – 7705 (INT 705) – 8009 – 8010.	ARABIAN SEA - RED SEA - Submarine cables.
446/06	20 – 21– 22 (INT 752) – 255 (INT 7334) – 291 – 292 (INT 7021) – 2016 (INT 7336) – 2088 – 2094 – 2095 – 2096 – 7705 (INT 705) – 7706 (INT 706)	ARABIAN SEA - Seeb to Mumbai (Bombay) - Submarine cable.
577/06	20.	SAUDI ARABIA - EAST COAST - - Buoyage. Restricted areas
598/06	20.	SAUDI ARABIA - EAST COAST - Al Khubar to Al Kuwayt, KUWAIT - Submarine cable
599/06	20.	BAHRAIN - Al Manama to SAUDI ARABIA, Al Khubar - Submarine cable
600/06	20 – 8004.	KUWAIT -Al Kuwayt to Bandar 'Abbas, IRAN - Submarine cable
621/07	7071 (INT 71) – 7072 (INT 72) – 7704 (INT 704).	RED SEA – Jazirat at Tair - Light.

249/08	20 – 288 – 289 – 8004.	UNITED ARAB EMIRATES - QATAR - Submarine cables.
354/08	20 – 289.	UNITED ARAB EMIRATES - Jazirat Das to Ras al Qila -- Submarine pipeline.
498/08	245 – 289 – 290.	GULF OF OMAN - United Arab Emirates - Fujairah (Fujayrah) and Khawr Fakkan – Anchorage areas. Breakwater. Buoyage. Works.
110/09	8008.	INDIAN OCEAN – Cabo Delgado to Lamu Bay – United Republic of Tanzania – Met Ocean Buoys.
201/09	2049 – 2050.	PAKISTAN - Karachi Harbour - Lower Harbour Eastwards - Works.

2. INDIA WEST COAST - INDIAN OCEAN

137/04	21– 203 – 2068 – 7705 (INT 705)	INDIA – WEST COAST – Gulf of Kachchh – Ballast Split.
102/05	2021 – 2068 – 2080	INDIA – WEST COAST – Gulf of Kachchh – Mundra Port – Work.
72/06	2003 – 2053.	INDIA –WEST COAST – Sacrifice Rock to Beypore – Sea Wall.
230/06	268 (INT 7353) – 2006 – 2007 – 2023 – 2047.	INDIA –LAKSHDWEEP ISLANDS– FAD.
256/06	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2016 (INT 7336) – 7705(INT 705) – 7706 (INT 706)	INDIA – WEST COAST – Inner Approaches to Mumbai.
496/06	255 (INT 7334) – 211 – 2016 (INT 7336)	INDIA – WEST COAST – Inner approaches to Mumbai – Obstruction
306/07	254(INT 7331) – 208 – 209 – 2044 – 2101 – 2019	INDIA - WEST COAST – Approaches to Magadalla -Tapi Channel – Buoys.
582/07	2008.	INDIA – WEST COAST – Karwar harbour and approaches – Channel .Depth.
171/08	2040	INDIA - WEST COAST – Porbandar Anchorage – Depth.
216/08	273 – 2006	INDIA – LAKSHADWEEP – Minicoy Island – Construction work.
400/08	21 – 203(INT 7319) – 2080 – 2027.	INDIA – WEST COAST - Gulf of Kachchh – Rozi Anchorage – Wreck.
401/08	22 (INT 752) – 214 – 257 (INT 7343) – 293 (INT 7022) – 2020 – 2022 (INT 7345) – 2078 (INT 7346).	INDIA - WEST COAST – Approaches to Mormugao - Construction Work.
439/08	2080 – 2018 (INT 7321) – 2059 (INT 7322).	INDIA – WEST COAST – Kandla – Sogal channel – Buoy.Jetty
524/08	212 – 2011.	INDIA – WEST COAST – Port Dabhol – Buoys.Lights.

550/08	292(INT 7021) – 254(INT 7331) – 208 – 2039.	INDIA – WEST COAST – Gulf of Khambhat Northern Portion – Obstruction.
553/08	2004 (INT 7359).	INDIA – WEST COAST – Kochi (Cochin) Harbour - Buoys.
595/08	2008 – 2010.	INDIA – WEST COAST – Karwar Harbour and Approaches – Transit Marks. Buoy.
596/08	21– 22(INT 752) – 214 – 215– 257 – 256(INT 7340) –259(INT 7356) – 272 – 293 (INT 7022) – 7705 (INT 705).	INDIA – WEST COAST – Arabian Sea – Mooring Deployed.
082/09	2016(INT 7336).	INDIA – WEST COAST – Inner Approaches to Mumbai – Obstruction.
083/09	2073.	INDIA – WEST COAST – Approaches to Kundapura (Coondapoor) – Experimental / Demonstration Cage.
084/09	2053.	INDIA – WEST COAST – Sacrifice Rock to Bepore – Breakwater.
085/09	2047.	INDIA – LAKSHADWEEP – Plans in Lakshadweep – Kalpitti to Parali Island – Agatti – Jetty.
086/09	2023.	INDIA – LAKSHADWEEP – Kavaratti Island – Jetty.
097/09	211 – 2016(INT 7336) – 2015(INT 7337) – 2076.	INDIA – WEST COAST – Port of Mumbai – Buoys.
105/09	2100.	INDIA – WEST COAST – Approaches to Port Pipavav – Port Pipavav – Dredging.
106/09	2016(INT 7336).	INDIA – WEST COAST – Inner approaches to Mumbai – Obstruction.
120/09	2011.	INDIA – WEST COAST – Jaigarh Harbour – Works.
130/09	22(INT 752) – 23 – 268 (INT 7353) – 272 – 273 – 292 (INT 7021) – 293 (INT 7022) – 7071 (INT 71) – 7072(INT 72) – 7073 (INT73) – 7705 (INT 705)	INDIAN OCEAN – INDIA - WEST COAST-Arabian Sea — Data Buoys.
132/09	21 – 33 – 271 – 292 (INT 7021)	INDIA - WEST COAST & INDIAN OCEAN - Tsunami Data Buoys.
197/09	21 - 292(INT 7021) – 253 (INT 7328)	INDIA – WEST COAST – Veraval to Pipavav – Seismic Survey.
215/09	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 7705 (INT 705).	INDIA – WEST COAST – Off Murud-Janjira – Buoy.
226/09	203(INT 7319) – 2068 – 2031 - 2013.	INDIA – WEST COAST – Port of Okha – Buoys.

3. INDIA EAST COAST - ANDAMAN NICOBAR, SRI LANKA, MAYANMAR

63/03	4001 – 4014 – 403.	INDIA – BAY Of BENGAL – Middle Andaman – Rangat Bay – Beacon
343/03	4032.	INDIA – NICOBAR ISLANDS – Sawai Bay and Malacca Anchorage – Breakwater, Beacon.
193/04	225 – 2064.	SRILANKA – WEST COAST – Colombo, Weligama Bay and Beruwala Point Westwards – Depths. Wreck. Rocks. Harbour limit. Port development.
389/04	4013 – 4016.	INDIA – ANDAMAN SEA – Neill Island – Jetty.
88/05	4011 – 4017.	INDIA -NICOBAR ISLANDS-Katchall Island –Approaches toEast Bay–Beacon.
135/05	4010.	INDIA – ANDAMAN SEA – Little Andaman Islands-Hut Bay-Coast line. Jetty. Light.
540/05	7708 (INT 708).	INDIAN OCEAN - Cocos Islands - Light-beacon.
428/06	351 – 301.	INDIA – EAST COAST – Ocean – Approaches to Hugli River – Obstruction
548/06	3031.	INDIA – EAST COAST – Krishnapatnam Anchorage – Transits mark.
106/07	358(INT 7394) – 317.	INDIA – SRILANKA – Palk Bay – Western Portion – Obstructions
219/07	4032.	INDIA – NICOBAR ISLANDS Sawai Bay & Malacca Anchorage – Transit mark – Beacon.
222/07	23 – 32(INT 754) – 33 – 226 – 264– 358 – 359 – 2064 – 7704 (INT 704).	SRI LANKA - South Coast - Little Basses Reef - Light.
419/07	406 – 4010.	ANDAMAN SEA – INDIA - Little Andaman Islands – Hut Bay – Light.
586/07	356(INT 7400) – 3031.	INDIA – EAST COAST – Krishnapatnam Anchorage – Construction Work. Dredging.
109/08	301– 351 – 3011(INT 7421) – 3013 – 3006(INT 7423).	INDIA - EAST COAST- Hugli River -Haldia to Kukrahatti Reach – Depths.
200/08	32 (INT 754) –33 – 357 (INT 7397) – 3007 – 3033.	INDIA – EAST COAST – Chemplast Karaikal Terminal – Construction Work. Dredging.
201/08	41 – 473(INT 7031) – 405 – 4030.	INDIA – ANDAMAN SEA – Manners Strait and Duncan Passage – Wreck.
220/08	31 – 351 – 3017.	INDIA – EAST – COAST – Approaches to Dhamra River – Construction Work.
246/08	33 – 41 – 471 – 472(INT 7032) – 409 – 4035 – 4039.	ANDAMAN SEA – INDIA Nicobar Island – Campbell Bay – Jetty Construction.
331/08	23 – 32 – 225 – 263 – 264 – 2063.	SRILANKA – WEST COAST – Approaches to Colombo – Construction Work.
373/08	3003	INDIA – EAST COAST – Pondicherry Anchorage – Light.
404/08	33 – 41 – 473(INT 7031) – 405.	INDIA – ANDAMAN ISLANDS – Port Blair to Little Andaman I – FAD.

555/08	3002 (INT 7410) – 3012(INT 7411).	INDIA – EAST COAST – Approaches to Vishakhapatnam - Obstruction.
582/08	3028	INDIA – EAST COAST – Ports of Ennore – Jetty. Construction Work.
122/09	3010.	INDIA – EAST COAST – Approaches to Paradip – Paradip Port – Dumping Ground.
131/09	31 – 32 (INT 754) – 33 – 41 – 356 (INT 7400) – 391 – 407 – 472(INT 7032) – 473 (INT 7031)	INDIA-EAST COAST – Bay of Bengal - Andaman Sea – Data Buoys.
134/09	31 – 32 (INT 752) – 354 (INT 7408)	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
154/09	4019	BURMA - Rangoon river - Channel. Depths. Recommended route. Buoyage. Wrecks. Port Developments. Coastline. Drying contour. Bridge.
184/09	391 - 354(INT 7408) – 3009.	INDIA – EAST COAST – Approaches to Kakinada – Pilot Boarding Place.
185/09	225 – 2063.	SRI LANKA - WEST COAST - Colombo Harbour and Approaches – Depths.
199/09	3035.	INDIA – EAST COAST – Gangavaram Port – Data Buoy.
200/09	31- 32(INT 754) – 353 - 391 – 354(INT 7408) - 356(INT 7400).	INDIA – EAST COAST – Bay of Bengal – Chennai to Kalingapatnam - Underwater Moorings.
202/09	23 – 31 – 33 – 7702(INT 702) - 7706(INT 706) - 7707(INT 707).	INDIAN OCEAN - Data buoys.

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

383/03	33 – 41	INDONESIA –Sumatera – North and Northwest Coasts – Restricted area.
223/07	4026 – 4027	MALAYSIA - Peninsular Malaysia, West Coast - Pinang Harbour - Coastline. Works. Lights. Beacons. Depths. Drying patch. Wrecks. Obstructions. Dredged areas. Marine farms.
377/07	7508(INT 508)	INDONESIA - Sumatera - Pulau Belitung West Coast - Tanjungpandan to Jawa North Coast - Pakis - Submarine cable.

SECTION – I**List of charts affected by****The Notices 227 to 234 contained in this Edition**

CHART NUMBER	FOLIO NO.	NOTICE NO.
20	1	230,231
23	4	232
41	6	233
225	4	232
263 (INT 7383)	4	232
264	4	232
289	1	231
313	5	229
356 (INT 7400)	5	228,229
391	5	228,229
471	6	233
2060	2	227
3001(INT 7402)	5	229
7508 (INT 508)	7	234

SECTION – II: PERMANENT NOTICES
INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS

*227/(13/09)		Miscellaneous updates to charts
Source: NHO Dehradun		
Chart	Previous Updates	Details
2060	89/09	Delete existing Chart No. 2051 and Magenta limit as follows: North: 22° 31'·00N., East: 69° 37'·70E. South: – West: W Border
		Insert Chart No. 2051 and Magenta limit as follows: North: 22° 34'·00N., East: 69° 40'·00E. South: – West: 69° 30'·60E.

***228/(13/09) India – East Coast – Chennai (Madras) to Ramaypatnam – Depths.**

Source: INM 554/07 and INS Sandhayak ROS – I (N) 113.

(HJ/1029/39)

Chart 356 (INT 7400) [previous update 159/09]

Insert depth 8₅ enclosed by 10m contour (a) 13° 09'·07N., 80° 20'·30E.

Delete depth 14, close NW of (a) above

Chart 391 [previous update 179/09]

Insert depth 8₅ enclosed by 10m contour 13° 09'·15N., 80° 20'·22E.

***229/(13/09) India – East Coast – Approaches to Chennai – Wrecks.**

Source: INS Sandhayak ROS I(N) – 114

(HJ/1029/39)

Chart 391 [previous update 228/09]

Delete  PA 13° 10'·70N., 80° 28'·30E.

Insert  13° 11'·10N., 80° 27'·30E.

Chart 356 (INT 7400) [previous update 228/09]


Substitute  for  PA 13° 11'·00N., 80° 27'·30E.

Chart 313 [previous update 159/09]

Substitute  for  PA 13° 11'·20N., 80° 27'·30E.

Chart 3001 (INT 7402) [previous update NE 30 Nov 08]

Delete  PA 13° 11'·00N., 80° 27'·32E.

Substitute  for  PA 13° 11'·13N., 80° 27'·27E.

230/(13/09) Persian Gulf and Gulf of Oman – Landmark.

Source: BA notice – 3328/09

*(HJ/1132/69)***Chart 20** [*previous update 203/09*]Insert  TR 26° 37'·70N., 50° 09'·72E.**231/(13/09) Strait of Hormuz to Qatar – Depth.**

Source: BA Notice – 3261/09

*(HJ/1132/45)***Chart 20** [*previous update 230/09*]Insert depth 12₄ and extend 20m contour NW to enclose 24° 48'·10N., 54° 07'·30E.**Chart 289** [*previous update 222/09*]Insert depth 12₄ and extend 20m contour NW to enclose 24° 48'·10N., 54° 07'·30E.**232/(13/09) Srilanka – West Coast – Colombo to Galle – Wreck.**

Source: BA Notice 3370/09 and Navarea VIII 278/09.

*(HJ/930/60)***Chart 23** [*previous update 052/09*]Insert  6° 48'·50N., 79° 49'·70E.**Chart 263 (INT 7383)** [*previous update 224/09*]Insert  6° 48'·48N., 79° 49'·68E.**Chart 264** [*previous update 224/09*]Insert  6° 48'·48N., 79° 49'·68E.**Chart 225** [*previous update 224/09*]Insert  6° 48'·48N., 79° 49'·68E.**233/(13/09) Bay of Bengal and Andaman Sea – Katchall Island to Sumatra – Light.**

Source: BA Notice – 5805/07.

*(HJ/928/54)***Chart 41** [*previous update 196/09*]Insert  Fl.9M 5° 35'·80N., 95° 31'·50E.**Chart 471** [*previous update 364/08*]Move  Fl.9M from: 5° 35'·20N., 95° 30'·12E.
to: 5° 35'·80N., 95° 31'·50E.

234/(13/09) Pacific Ocean – South China Sea - Depths.

Source: BA Notice – 3256/09

*(HJ/1026/60)***Chart 7508 (INT 508)** [*previous update 225/09*]

Insert	depth 117 enclosed by 200m contour	16° 54′.50N., 119° 38′.10E.
	depth 84 and extend danger line NW to enclose	(a) 15° 01′.00N., 119° 46′.80E.
Delete	depth 302, close SE of	(a) above

SECTION – III: TEMPORARY AND PRELIMINARY NOTICES

Nil

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>
<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>		

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.

SHIP REPORTING SYSTEM (INDSAR)

1. In compliance to the provisions of international convention of Maritime Search and Rescue, 1979 (SAR convention 1979), and to provide/coordinate effective search and rescue operation in a possible event of unfortunate Marine causality the Indian Coast Guard brought in to operations the ship position reporting system w.e.f. 01 feb 2003 under the name “Indian Ship Reporting System” (INDSAR). The INDSAR is an advanced computerized system designed to contribute to safety of life at sea and is operated and maintained by the Indian Coast Guard through Maritime Rescue Coordinate centre in Mumbai. **All vessels transiting in the Indian Search and Rescue Region are requested to follow the guide lines as promulgated in Indian Notices to mariners “Special Edition to Notices to Mariners Notice no. 8 (Para 21 through 51)” for prompt action.**

2. INDSAR is a mandatory reporting by all Indian registered ships of 100 GRT or more including sailing and fishing vessels engaged in international and domestic coastal routes. The Indian Govt. encourages foreign ships of 100 GRT and above to participate in the INDSAR voluntarily for effective SAR co ordination and safety of life at sea. However position reporting is mandatory for all the vessels carrying dangerous goods, disabled vessels/ vessels of more than 20 years and those which require assistance due to urgency/distress.

3. With a view to encourage position reporting by merchant vessels transiting in ISRR to the Indian Ship Reporting System (INDSAR), INMARSAT – C Special access Toll free 43 code through LES PUNE is activated.

4. Procedure to send INDSAR ship report through INMARSAT – C Toll free Special Access code – 43 is as follows:

(a) **Header Part**

- (a.i) Enter the header in following format in your message
- (a.ii) m:indsar?vsnl.net
- (a.iii) Where m stands for “Mail”
- (a.iv) Always enter “:” after the service category m
- (a.v) Kindly see that “@” sign is entered as “?”
- (a.vi) Kindly see the following example where indsar@vsnl.net is entered as:
m:indsar?vsnl.net

(b) Message Part

(b.i) After header is finished type “BT” (Begin text) and then press enter in next line start typing your text messages

(b.ii) Then dial two digit codes “43” and sent the message. Transmit the message by selecting the LES ID 306 and special Access code “43” in the transmit menu with 7 bit format (for INDSAR toll free 43 special Access Code please use LES ID 306)

5. The complete message

The complete message looks like as shown below

M:indsar?vsnl.net
 BT
 (.....your message.....

)

6. The above INDSAR position report can also be send the following mode:

E mail : indsar@vsnl.net, icgmrcc_mumbai@mtnl.net.in
 Telefax : 0091 – 22- 24316558
 INMARSAT – C : 441907210

For any Technical Support for toll free 43 Special Access code Contact details:

Pune LES
 Tata Communication Limited
 Alandi Road, Dighi,
 Pune – 411 015
 Maharashtra - India

Telephone: 020 66153308/65343751
 Fax: 020 66153342
 E mail: puneles@tatacommunications.com

**ANTIPIRACY MEASURES BY SHIPS IN
 INDIAN SEARCH AND RESCUE AND RESCUE REGION**

1. Masters of ships are advised to immediately report any incident of piracy /armed robbery/petty theft or unauthorised boarding whilst in the Indian Search and Rescue Region to the nearest Maritime Rescue Coordination Centre of the Indian Coast Guard/ nearest Port authority.
2. The contact details of the MRCCs/MRSCs are available in following publications:
 - (i) Indian Special Edition 2008 Notice No. 7 page no. 48 , para 76
 - (ii) List of Radio Signals Volume I, INP 31(1), 2005, Page No. 29 to 35.

SECTION – V: RADIO NAVIGATIONAL WARNINGS IN FORCE

1. For details of NAVAREA limits and organization/ coordination, please refer to Notice No. 12 of the Special edition of Indian Notice to Mariners – 2008.
2. **NAVAREA Warnings in force:** - The serial numbers of all the NAVAREA warnings in force as on 30 Jun 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	142	2007 Series: 019. 2008 Series: 341 377 387 . 2009 Series: 055 104 105 110 114 115 116 117 122 129 130 134 138 141 144 145 146 148 149.
II	E. Atlantic	149	2009 Series: 030 073 104 120 140 148 149.
III	Mediterranean	265	2008 Series: 412 512. 2009 Series: 154 176 186 196 209 217 221 222 223 229 230 231 239 245 246 250 251 252 255 258 259 260 261 262 263 264 265
IV	N.W. Atlantic	221	2009 Series: Nil
V	W. Atlantic	1229	2009 Series: 876
VI	S.W. Atlantic	154	2009 Series: Nil.
VII	S.E. Atlantic	122	2009 Series: 028 096 101 115 118 121 122
VIII	Indian Ocean	323	2009 Series: - 193 220 245 257 269 276 277 278 279 280 282 285 288 289 290 292 298 301 308 309 312 313 314 315 316 317 319 320 322 323

3. NAVAREA Warnings issued during the period from 14 Jun 09 to 29 Jun 09 (both dates inclusive) are as tabulated below:-

300. Cancelled.
301. Refer Navarea VIII Message 280 of 2009 (.) India East Coast- Bay of Bengal (.) Charts 31 32 355 INT 706 (.) Drill Ship Discoverer Seven Seas moved to new position 19-29.98N 086-18.41E. 2. Wide berth requested.
302 to 307. Cancelled.
308. Bay of Bengal – Southern Portion. Charts 31 INT 71 INT 73 INT 707. Srilankan fishing boat (Sarindu 02) length 14 metre hull green with yellow strips drifting. Last known position 09-17.0N 088-40.0E. 2. All vessels operating in vicinity to keep sharp lookout and render assistance.

<p>309. India West Coast – Mumbai Harbour. Charts 21 22 211 255 292 293 2001 2015 2016 2076 INT 705 INT 706. Uran patch beacon in position 18-56.14N 072-54.27E damaged.</p> <p>2. Mariners to exercise caution.</p>																
<p>310 and 311. Cancelled.</p>																
<p>312. India East Coast – Chennai. Charts 32 33 313 356 357 3001 3004 INT 706. Tideland make Recon on top of Madras (Chennai) lighthouse in position 13-02.4N 080-16.8E not functioning.</p> <p>2. Mariners to exercise caution.</p>																
<p>313. India East Coast- Visakhapatnam. Charts 31 32 308 354 3002 3012 INT 706. Seaward firing exercise by Naval Coast Battery from 0001 UTC to 0200 UTC and from 1500 UTC to 1700 UTC on 01 Jul and 15 Jul 2009. Danger area bounded by</p> <table> <tr> <td>(a) 17-42.0N 083-18.0E</td> <td>(b) 17-47.0N 083-32.0E</td> </tr> <tr> <td>(c) 17-34.0N 083-30.0E</td> <td>(d) 17-28.0N 083-18.0E</td> </tr> </table> <p>2. Safe flying height 13000 metres.</p> <p>3. Cancel this message on 16 Jul 2009.</p>	(a) 17-42.0N 083-18.0E	(b) 17-47.0N 083-32.0E	(c) 17-34.0N 083-30.0E	(d) 17-28.0N 083-18.0E												
(a) 17-42.0N 083-18.0E	(b) 17-47.0N 083-32.0E															
(c) 17-34.0N 083-30.0E	(d) 17-28.0N 083-18.0E															
<p>314. India East Coast - Gopalpur. Charts 31 352 353 3005 INT 706. Firing Exercise Will Be Carried Out On Following Dates</p> <table> <thead> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>01 Jul to 03 Jul 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> <tr> <td>16 Jul to 22 Jul 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> <tr> <td>23 Jul to 25 Jul 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> <tr> <td>26 Jul to 28 Jul 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> <tr> <td>30 Jul 2009</td> <td>2330 UTC to 1800 UTC</td> </tr> </tbody> </table> <p>2. Danger Area Bounded By</p> <table> <tr> <td>(a) 19-14.60N 084-53.70E</td> <td>(b) 19-37.05N 085-27.85E</td> </tr> <tr> <td>(c) 18-46.05N 085-22.86E</td> <td></td> </tr> </table> <p>and Arc of 42 nm radius joining point (b) and (c)</p> <p>3. Safe Flying Height 6100 Metres.</p> <p>4. Cancel this message on 31 Jul 2009.</p>	Date	Time	01 Jul to 03 Jul 2009	2330 UTC to 1800 UTC	16 Jul to 22 Jul 2009	2330 UTC to 1800 UTC	23 Jul to 25 Jul 2009	2330 UTC to 1800 UTC	26 Jul to 28 Jul 2009	2330 UTC to 1800 UTC	30 Jul 2009	2330 UTC to 1800 UTC	(a) 19-14.60N 084-53.70E	(b) 19-37.05N 085-27.85E	(c) 18-46.05N 085-22.86E	
Date	Time															
01 Jul to 03 Jul 2009	2330 UTC to 1800 UTC															
16 Jul to 22 Jul 2009	2330 UTC to 1800 UTC															
23 Jul to 25 Jul 2009	2330 UTC to 1800 UTC															
26 Jul to 28 Jul 2009	2330 UTC to 1800 UTC															
30 Jul 2009	2330 UTC to 1800 UTC															
(a) 19-14.60N 084-53.70E	(b) 19-37.05N 085-27.85E															
(c) 18-46.05N 085-22.86E																
<p>315. 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 on 03 Jul 07 Jul 10 Jul and 14 Jul 2009 respectively. Danger area bounded by</p> <table> <tr> <td>(a) 09-57.50N 075-59.50E</td> <td>(b) 09-57.70N 076-14.20E</td> </tr> <tr> <td>(c) 09-44.00N 076-17.50E</td> <td>(d) 09-42.50N 076-09.50E</td> </tr> </table> <p>2. Safe flying height 10000 meters.</p> <p>3. Cancel this message on 15 Jul 2009.</p>	(a) 09-57.50N 075-59.50E	(b) 09-57.70N 076-14.20E	(c) 09-44.00N 076-17.50E	(d) 09-42.50N 076-09.50E												
(a) 09-57.50N 075-59.50E	(b) 09-57.70N 076-14.20E															
(c) 09-44.00N 076-17.50E	(d) 09-42.50N 076-09.50E															

<p>316. India West Coast – Mormugao. Charts 22 257 INT 705 INT 706. Firing practice by naval aircraft between 0230 UTC to 1230 UTC from 01 Jul to 07 Jul and 14 Jul to 21 Jul 2009. Danger area bounded by</p> <p>(a) 15-13.00N 073-57.00E (b) 15-13.00N 073-52.00E (c) 15-11.00N 073-57.00E (d) 15-11.00N 073-52.00E</p> <p>2. Safe flying height 3500 metres. 3. Cancel this message on 22 Jul 2009.</p>
<p>317. India West Coast – Pigeon Island. Charts 22 216 257 272 293 2072 INT 706. Firing practice by Naval Ships and Air Craft on Pigeon island between 0230 UTC to 0930 UTC from 01 Jul to 07 Jul and 15 Jul to 21 Jul 2009. Danger area 05 NM around Pigeon Island.</p> <p>2. Safe flying height 12000 metres. 3. Cancel this message on 22 Jul 2009.</p>
<p>318. Cancelled.</p>
<p>319. India West Coast-Gulf of Kachchh. Charts 21 202 251 271 291 INT 705. MSV Safina Hussein sunk in approximate position 22-23.99N 068-42.32E.</p> <p>2. Mariners to exercise caution.</p>
<p>320. India West Coast-Gulf of Kachchh. Charts 21 202 251 271 291 INT 705. MSV Khwaja-al-Karam sunk in approximate position 22-40.00N 068-39.00E with 12 crew missing.</p> <p>2. All vessels operating in vicinity to keep sharp lookout and render assistance.</p>
<p>321. Cancelled.</p>
<p>322. India Andaman Sea – Off Rutland Island. Charts 33 41 405 473 INT 706. MSV Dariya sunk in approximate position 11-23.36N 092-46.94E.</p> <p>2. Vessel life boat with no crew onboard and 06 drums containing 1200 litres HSD adrift. 3. Mariners to exercise caution.</p>
<p>323. India West Coast – Mumbai Port. Charts 21 22 211 255 292 2016 INT 705. One cylindrical buoy dia 2 Meter reported adrift in position 18-47.79N 072- 41.78E at 261230.</p> <p>2. Mariners to exercise caution.</p>

<u>NAVAREA No.</u>	<u>LOCATION</u>	<u>LAST NAVAREA</u>	<u>NAVAREA IN FORCE</u>
IX	Persian Gulf, Red Sea, NW Arabian Sea	110	<p>2007 Series: 022 027 062 092 095 106 155 168 172 200 212 263 264 274 278.</p> <p>2008 Series: 002 006 007 021 022 027 044 045 046 051 061 065 066 069 070 076 077 086 087 088 089 094 095 099 100 101 102 104 105 106 107 108 128 176 179 182 191 202 207 211 213 216.</p> <p>2009 Series: 001 002 010 024 035 040 062 077 086 087 091 092 095 099 101 102 103 104 105.</p>
X	Australia, New Guinea	147	<p>2009 Series: 086 089 096 102 127 128 133 134 137 138 139 144 145 146 147.</p>

XI	Malacca Strait, China Sea, N. Pacific	0412	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: 0054 0113 0160 0210 0219 0322 0347 0348 0349 0350 0352 0375 0380 0384 0398 0411 0475 0618 0675 0677. 2009 Series: 0120 0125 0171 0215 0244 0251 0259 0265 0281 0311 0317 0322 0332 0333 0348 0349 0356 0369 0374 0381 0382 0389 0391 0392 0393 0395 0396 0397 0398 0399 0400 0401 0402 0403 0404 0405 0406 0407 0408 0409 0410 0411 0412
XII	N.E. Pacific	261	2009 Series: Nil
XIII	N.W. Pacific	053 of 08	2009 Series: Nil
XIV	S.W. Pacific	031	2009 Series: Nil
XV	S.E. Pacific	053	2009 Series: Nil
XVI	E. Pacific	060	2009 Series: Nil
Hydropacs	Pacific, Indian Ocean	1109	2008 Series: 1140 1141 1473. 2009 Series: 687
Hydroplants	Atlantic, Mediterranean	1099	2008 Series: 300. 2009 Series: Nil

SECTION – VI: CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

West Coast of India Pilot (INP-1)
Chapter 8

Page -254, Article 8.135

Delete Para 2 and renumber Para 3,4,5,6 to Para 2,3,4,5.

Source: Notices to Mariners 12/09

Page – 256, Article 8.143a, Para2, Line 2:

Delete position (21° 44'.46N, 72° 30'.56E) and replace by (21° 41'.46N, 72° 30'.54E).

Source: GCPTCL Port Information

D9170-5	- WH-3	26 27.3 N 52 04.4 E	Lit	..	..	Platform	
*	*	*	*	*	*	*	*
D9171	Remove from list - renumbered to D9166.6						
D9171-1	Remove from list - renumbered to D9167						
D9171-3	Remove from list - renumbered to D9167.4						
D9171-4	Remove from list - renumbered to D9167.2						
D9171-9	Remove from list - renumbered to D9166.2						
E6022-5	Ra's AbūDaraj	29 22.9 N 32 34.1 E	Fl(2)W 20s	50	19	White round tower on white square building	<i>fl 0-3, ec 3, fl 0-3, ec 16-4.</i> TE 2009
-		..	Racon	..	..	..	ALRS Vol 2 Station 74800. TD 2009 *
F1617-2	Permatang Sedepa (One Fathom Bank)	2 48.7 N 100 56.5 E	Q W	13	11	⚠ on yellow buoyant beacon, black top	Ra refl
(I) -		..	Racon	..	..	..	ALRS Vol 2 Station 79920 *
F1623-6	- Tuanku Jaafar Power Station. Intake. Seaward end	2 31.8 N 101 47.1 E	F R	5	5	Metal post	*
K1076	- E Mole. Head (I)	6 04.8 S 106 53.0 E	Fl R 4s	22	12	Red □ on red GRP tower 12	<i>fl 0-5</i> *
K1170	- Kessek (I)	7 09.7 S 112 46.0E	Fl(3)W 12s	23	10	White beacon 20	<i>(fl 0-4, ec 1-6) x 2, fl 0-4, ec 7-6. Missing (T) 2009</i> *
K1188	Remove from list						

SECTION – VIII: CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2005

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

NIL

INP 31(2), 2007

(Last correction: Edition No. 10 dated 16 May 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. 07 dated 01 Apr 09)

NIL

INP 31(6), 2005

(Last correction: Edition No. 09 dated 01 May 2009)

NIL

SECTION – IX: REPORTING OF NAVIGATIONAL DANGERS

Instructions for raising Hydrographic Note (Form IH 102)

Appeal to all Mariners:

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

National Hydrographic Office
107-A, Rajpur Road,
Post Box No. 75, Dehradun - 248 001
(UTTARAKHAND), INDIA
e-mail: - incho@dataone.in; incho_marinesafety@dataone.in
incho_navwarnings@dataone.in; incho_helpdesk@dataone.in
Fax No.: (0135) 2748373
Web: www.hydrobharat.nic.in

Instructions for filling up Form IH 102 (Overleaf)

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

Position Reporting

3. When a position is defined by bearings (true or magnetic to be specified) more than two bearings should be used in order to provide a check. Distances observed by Radar should be corrected for index errors. Latitude and Longitude obtained from GPS / DGPS should specify the datum (WGS 84 or other). A copy / tracing from the largest scale chart may be used for forwarding details, with the corrections and additions being shown thereon in red.

Depth Reporting

4. When soundings are obtained using Echo Sounders, the echo-gram should be duly annotated with date, time, position and depth, etc., before enclosing it with the Form IH 102. It is important to state whether echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be applied where necessary. The make, name and type of echo sounder should also be given. Care should be taken to set the echo sounder to the largest scale / phase, so as to obtain maximum details of echo of the feature. Efforts should be made to identify and negate false echoes if any.

5. Reports, which cannot be confirmed or are lacking in certain details should not be withheld. Limitations or shortcomings should be duly notified in the form.

6. Reports on shoal soundings, uncharted dangers and navigational aids out of order should be reported through fastest available means at the mariner's discretion, and also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 50 metres should be of sufficient importance to justify a radio message.

7. Port information should be forwarded on form IH 102a together with IH 102. Form 102a contains the information required for Sailing Direction and should be used as an *aide memoir*. Where there is insufficient space on the form, additional sheet should be used.

Please Note: - The receipt of all Hydrographic Notes will be duly acknowledged by the Hydrographic Office. Normally, the sender's ship or name is quoted as the source when the Notices to Mariners reporting the change is issued, unless the information is received through a foreign Notices to Mariners. Further communication from the Hydrographic Office to the sender of the hydrographic note will only be necessary to verify unusual features or abnormal values reported.

I.H. 102a (Revised 2003)

HYDROGRAPHIC NOTE FOR PORT INFORMATION**(For Reporting Changes to Port Information)**

(I.H. 102 is also to accompany this note)

Name and address of ship / sender:

_____ **Ref No.:** _____
 _____ **Date :** _____

Fax No.: _____, **E-mail:** _____

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

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

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

Signature of Observer/Reporter.....

To

The Chief Hydrographer to the Government of India

National Hydrographic Office

107 A, Rajpur Road

Post Box No. 75,

Dehradun- 248001

(UTTARAKHAND), INDIA

E Mail: in的角度@dataone.in / in的角度_marinesafety@dataone.in

in的角度_navwarnings@dataone.in / in的角度_helpdesk@dataone.in

Fax No.: 91- 0135- 2748373

WEB: www.hydrobharat.nic.in

I.H. 102 (Revised 2003)**HYDROGRAPHIC NOTE**

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

Date :

Ref. No:

Details of the Sender / Originator

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

Details of Changes / Dangers Observed

5. **Object of Change:**

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

- (e) Port Information:
- (i) Berthing
 - (ii) Cranage
 - (iii) Tugs
 - (iv) Dry Docks
 - (v) Repair Facilities
 - (vi) Pilotage
 - (vii) Fuel
 - (viii) Water
 - (ix) Any other (Specify) :.....
- (f) Environmental Data:
- (i) Met information
 - (ii) Tides and Tidal Stream.
 - (iii) Pollutants
 - (iv) Effluents.....
 - (v) Marine Life / Habitats
- (g) Other changes, if any, with Details:

6. **Information on the Positions of Danger / Changes Reported above:**

- (a) Positioning System used:
- (b) Datum (WGS/Everest/ Local (Specify) :
- (c) Accompanying plots / photographs if any:

7. **Information on the Soundings / Depths Reported above:**

- a) Echo Sounder (Type) used:
- b) Draught of Vessel set on Echo Sounder:
- c) Observed water depth vis-à-vis charted depth:
- d) Echo-gram accompanying this report: Yes / No
- e) Whether voltage drop existed in equipment at observation time
- f) Data and Time of depth observation

8. **Limitations if any in Reporting the changes above**

Signature of the Master / Reporter

Date:

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Please Note:

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