



INDIAN NOTICES TO MARINERS



EDITION NO. 19 DATED 01 OCT 2018

(CONTAINS NOTICES 154 TO 158)

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

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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**

WARNING AGAINST USE OF COUNTERFEIT PRODUCTS

All mariners are cautioned against the use of counterfeit copies of IN Charts and publications. Navigational Charts produced after 31 Oct 14 carry NHO crest as watermark on the reverse with backslip. Chart Agent's stamp is mandatory on all Charts.

Counterfeit products may have errors resulting in potential risks. The same are not approved by inspecting agencies and do not satisfy the carriage requirements of SOLAS chapter V.

Mariners are strongly advised not to use or encourage the use of counterfeit charts and publications. Failure to comply with the warning may invite legal action.

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 over loading 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 some 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 Charts that are available for mariners in the market are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title, Limits & Description</i>	<i>Scale</i>	<i>Folio</i>	<i>Price</i>
218	31-08-2018	KASARAGOD TO TELLICHERRY LIMITS 11° 37'.40N; 74° 15'.00E. 12° 30'.50N; 75° 38'.00E.	1,50,000	4	Rs. 1950.00
4134	31-07-2018	STEWART SOUND LIMIT 12° 53'.50N; 92° 52'.00E. 13° 02'.20N; 93° 05'.40E.	25,000	6	Rs. 1950.00

2. The new edition Indian Charts that are available for mariners in the market are as follows:-

<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)	31-08-2018	PORTS OF NEW MANGALORE AND MANGALORE LIMITS 12° 49'.20N; 74° 43'.70E. 13° 00'.40N; 74° 50'.80E.	20,000	4	Rs. 1950.00
3030	15-08-2018	APPROACHES TO BHIMUNIPATNAM LIMIT 17° 48'.00N; 83° 24'.40E. 17° 54'.80N; 83° 33'.60E.	25,000	5	Rs. 1950.00
		BHIMUNIPATNAM ANCHORAGE LIMIT 17° 50'.00N; 83° 24'.80E. 17° 53'.50N; 83° 29'.40E.	12,500		

3. The Indian Charts permanently withdrawn are as follows:-

<i>Chart No.</i>	<i>Date of Publication</i>	<i>Title</i>	<i>On Publication of New Chart/ Edition</i>	<i>Date of Publication</i>
218	15-05-2010	KASARAGOD TO TELLICHERRY	218	31-08-2018
2002 (INT 7351)	31-10-2013	PORTS OF NEW MANGALORE AND MANGALORE	2002	31-08-2018
3030	28-02-2014	APPROACHES TO BHIMUNIPATNAM	3030	15-08-2018
		BHIMUNIPATNAM ANCHORAGE		

4. The new Indian Electronic Navigational Charts that are available for mariners in the market are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3218TK	218	KASARAGOD TO TELLICHERRY	26-09-2018
IN54134S	4134	STEWART SOUND	25-09-2018

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5. The new edition Indian Electronic Navigational Charts that are available for mariners in the market is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN62002T	2002	PORTS OF NEW MANGALORE AND MANGALORE	26-09-2018
IN53030P	3030	APPROACHES TO BHIMUNIPATNAM	24-09-2018
IN63030A	3030	BHIMUNIPATNAM ANCHORAGE	26-09-2018

6. The Indian Electronic Navigational Charts that are permanently withdrawn are as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN3218TK	218	KASARAGOD TO TELLICHERRY	31-08-2010
IN62002T	2002	PORTS OF NEW MANGALORE AND MANGALORE	25-10-2016
IN53030P	3030	APPROACHES TO BHIMUNIPATNAM	24-03-2014
IN63030A	3030	BHIMUNIPATNAM ANCHORAGE	24-03-2014

7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
2026	DAMAN ANCHORAGE	25,000	New Chart
2033 (INT 7341)	SIKKA CREEK	12,500	New Edition
	SIKKA CHANNEL		
2079 (INT 7329)	APPROACHES TO MUNDRA PORT	37,500	New Edition
2083 (INT 7339)	APPROACHES TO SIKKA	37,500	New Chart
	RELIANCE TANKER BERTHS	5,000	
3009 (INT 7407)	KAKINADA PORT	10,000	New Chart
	KAKINADA ANCHORAGE	25,000	
3042	APPROACHES TO KAKINADA	50,000	New Chart
3001 (INT 7402)	APPROACHES TO CHENNAI	50,000	New Edition
3044	PUDUCHERRY HARBOUR	7,500	New Chart
	PUDUCHERRY ANCHORAGE	25,000	

VII

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:

United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel: +44 (0) 1823 337900 Fax: +44 (0) 1823 330561, 1823 284077 Web site: www.hydro.gov.uk	C-MAP Norway AS Nyaskaiveien 2, 4379 Egersund, Norway Ph: +47 51 464700, +91 2262233326 Mob: +91 9820238542 Fax: +47 51 464701, +91 2267939504 Email: enc@c-map.com , info@c-map.co.no Website: www.c-map.com
M/s Primar Norwegian Hydrographic Service, Postbox 60, 4001 Stavanger Norway Telephone - +47 - 51 85 87 00 Fax - + 47 - 51 85 87 08 E-mail: data@ecc.no Website: - www.primar.org	M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills Hyderabad - 500 034 Telangana Tel:+91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com



VIII TEMPORARY AND PRELIMINARY NOTICES

In Force 01 Oct 2018

(Former In Force List dated 01 Jul 2018 is cancelled)

Cancelled Notices	
Area	Notice No.
1	<i>Nil</i>
2	<i>117/18</i>
3	<i>084/18, 105/18, 106/18</i>
4	<i>Nil</i>

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

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
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NIL

2. INDIA WEST COAST – INDIAN OCEAN.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
182/12	21 – 22 (INT 752) – 292 (INT 7021).	INDIA – ARABIAN SEA – Argo Floats.
042/15	22 (INT 752) – 214– 293 (INT 7022) – 2022 (INT 7345).	INDIA – WEST COAST – Approaches to Mormugao – Unlit Vessel.
066/15	271 – 251 (INT 7318) – 203 (INT 7319) – 2031 (INT 7326) – 2068 – 2013 (INT 7324).	INDIA – WEST COAST – Gulf of Kachchh – Port of Okha – Buoys.
087/15	273.	INDIAN OCEAN – Kadmat Island to Ihavandiffulu Atoll –Buoy.
098/15	21– 208 – 209 – 254 (INT 7331) – 292 (INT 7021) – 2039– 2102.	INDIA – WEST COAST– Bhavnagar Port – Anchorage.
109/15	2043 – 2042 – 2046.	INDIA – WEST COAST – Vengurla Anchorage – Buoy.
121/15	21 – 22 – 292 – 293 – 255 – 211 – 2016.	INDIA – WEST COAST – Inner Approaches to Mumbai – Foul.
127/15	2040.	INDIA – WEST COAST – Porbandar Port – Jetty.
157/15	259 (INT 7356) – 260 (INT 7362) – 220 – 2029 (INT 7358) – 2004 (INT 7359).	INDIA – WEST COAST – Kochi Harbour – Buoy.
158/15	260 (INT 7362) – 261 – 222 – 223 – 2012.	INDIA – WEST COAST – Vizhinjam Anchorage – Sea Cage Farm.
163/15	21 – 22 (INT 752) – 211 – 255 (INT 7334) – 292 (INT 7021) – 293 (INT 7022) – 2015 (INT 7337) – 2016 (INT 7336) – 2076 (INT 7338).	INDIA – WEST COAST – Mumbai Port – Buoys. Wreck.
035/16	22 – 272 – 258 (INT 7348) – 218.	INDIA – WEST COAST – Azhikkal Anchorage – Racon.
046/16	202 – 203 (INT 7319) – 2031 (INT 7326) – 2068.	INDIA – WEST COAST – Gulf of Kachchh Deep Water Route – Buoy.
047/16	214 – 2022 (INT 7345) – 2078 (INT 7346).	INDIA – WEST COAST – Port of Mormugao – Dredging.
075/16	2016 (INT 7336) – 2015 (INT 7337).	INDIA – WEST COAST – Port of Mumbai – Buoys.

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2. INDIA WEST COAST – INDIAN OCEAN. (Continued).

099/16	21 – 22 – 292 (INT 7021) – 293 (INT 7022) – 254 (INT 7331) – 257 (INT) – 210 – 209 7343) – 214 – 2022 (INT 7345) – 2020.	INDIA – WEST COAST – RACON.
152/16	2008 (INT 7369) – 2010.	INDIA – WEST COAST – Karwar Naval Harbour – Buoy.
153/16	2061 – 2099.	INDIAN OCEAN – MALDIVES – Male’ Atoll – Sea Bridge.
166/16	21 – 22 (INT 752) – 23 – 292 (INT 7021) – 293 (INT 7022) – 273 – 268 (INT 7353) – 257 (INT 7343) – 214 – 2047 – 2022 (INT 7345) – 2020 – 7703 (INT 703) – 7705 (INT 705).	INDIA – WEST COAST – Arabian Sea – Data Buoys. Tsunami Buoy.
045/17	2036 – 2103.	INDIA – WEST COAST – Dighi Port – Buoys.
064/17	253 (INT 7328) – 254 (INT 7331) – 207 – 2081 – 2100 (INT 7344).	INDIA – WEST COAST – Approaches to Port – Dredging Operation.
079/17	292 (INT 7021) – 254 (7331) – 207.	INDIA – WEST COAST – Diu Head to Gopnath Point – LIDAR.
105/17	260 (INT 7362) – 261 – 222 – 223 – 2012.	INDIA – WEST COAST – Vizhinjam Anchorage, Alleppey Anchorage – Buoys.
069/18	212 – 2011 – 2105.	INDIA – WEST COAST – Jaigarh and Angre Ports – Construction works.
077/18	21 – 22(INT752) – 23 – 32(INT 754) – 292 (INT7021) – 263 (INT 7383) – 293 (INT7022) – 272 – 257(INT7343) – 259(INT7356) – 214 – 221 – 261.	INDIA – WEST COAST – Arabian Sea – ADCP Moorings.
085/18	21 – 22(INT752) – 211 – 255(INT 7334) – 292 (INT7021) – 293 (INT 7022) – 2076(INT7338) – 2016(INT7336) – 2015(INT 7337) – 2001.	INDIA – WEST COAST – Mumbai Docks – Construction Work.
091/18	22(INT752) – 32(INT 754) – 259 (INT7356) – 220.	INDIA – WEST COAST – Tannur Nagaram to Manakkodam – Instruments.
098/18	254 (INT 7331) – 208 – 209 – 2044 – 2101(INT 7347).	INDIA – WEST COAST – Approaches to Hazira – Data Buoy.
116/18	21 – 203(INT 7319) – 291 – 2080.	INDIA – WEST COAST – GULF of KACHCHH – Gulf of Kachchh Eastern Portion – Unlit Vessel.
134/18	292(INT 7021) – 293(INT 7022) – 255(INT 7334) – 211 – 2016(INT 7336) – 2076(INT 7338).	INDIA –WEST COAST – Jawaharlal Nehru Port and Trombay– Construction work.

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR.

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
237/10	406 – 4010.	INDIA – ANDAMAN SEA –Little Andaman Islands – Hut Bay – Light.
094/12	33 – 41 (INT 757) – 402 – 403 – 404 (INT 7439) – 405 – 406 – 407 – 408 – 409 – 471 – 472 (INT 7032) – 473 (INT 7031) – 4016.	INDIA – ANDAMAN SEA – Fish Aggregating Devices.
183/12	31 – 32 (INT 754) – 33 –354 (INT 7408).	INDIA – BAY OF BENGAL – Argo Floats.
212/12	3034.	INDIA – EAST COAST – Krishnapatnam Port – Port Development. Dredging.

X

3. INDIA EAST COAST – ANDAMAN NICOBAR, SRI LANKA, MYANMAR. (Continued).

159/13	31 – 41 (INT757) – 409 – 471 – 472 – 4039.	INDIA – ANDAMAN SEA – Nicobar Island – Campbell Bay – Jetty.
195/13	352(INT7416) – 3005.	INDIA – EAST COAST – Gopalpur Port – Breakwater. Wrecks. Onshore Installation.
068/15	31 – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
185/15	408 – 409 – 472 – 4039 – 4182 – 4205.	INDIA – Andaman Sea – Lights.
036/16	308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Visakhapatnam Harbour – Buoy.
078/16	31 – 32 (INT 754) – 33 – 391 – 356 (INT 7400) – 3034.	INDIA – EAST COAST – Krishnapatnam Port – RACON.
100/16	31 – 391 – 354 (INT 7408) – 308.	INDIA – EAST COAST – Outer Approaches to Vishakhapatnam – Light.
101/16	31 – 352 (INT 7416) – 3041 – 3010 (INT 7418).	INDIA – EAST COAST – Paradip Port – RACON.
113/16	31 – 32 (INT 754) – 354 (INT 7408) – 391– 3009(INT 7407).	INDIA – EAST COAST – Bay of Bengal – Kakinada – Deep Water Port.
121/16	31 – 32 (INT 754) – 391 – 356 (INT 7400).	INDIA – EAST COAST – Chennai (Madras) to Ramayapatnam – Open Sea Cage.
168/16	31 – 32 (INT 754) – 33 – 356 (INT 7400) – 391 – 41 (INT 757) – 404 (INT 7439) – 405 – 472 (INT 7032) – 7706 (INT 706).	INDIA – EAST COAST – Bay of Bengal – Andaman Sea – Data Buoys. Tsunami Buoys.
179/16	32 (INT 754) – 357 (INT 7397) – 3003.	INDIA – EAST COAST – Pudduherry Harbour – Data Buoy.
036/17	409 – 4039.	INDIA – ANDAMAN SEA – Light.
036/18	41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Survey Operation.
054/18	41 (INT 757) – 473 (INT 7031) – 404 (INT 7439) – 405 (INT 7440) – 4016 – 4006 (INT 7449) – 4012.	ANDAMAN SEA – INDIA – ANDAMAN ISLAND – Port Blair – Inner Harbour – Mooring Operation.
063/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Vishakhapatnam Harbour – Dredging.
083/18	31 (INT 756) – 32 (INT 754) – 391– 354 (INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
090/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408) – 308 – 3002 (INT 7410) – 3012 (INT 7411).	INDIA – EAST COAST – Vishakhapatnam Harbour – Construction Work.
092/18	32 (INT 754) – 33 (INT 755) – 391 – 356 (INT 7400) – 357 (INT 7397) – 313.	INDIA – EAST COAST – Mamallapuram to Point Pudi – Instruments.
118/18	31(INT 756) – 32 (INT 754) – 33 (INT 755) – 391 – 356(INT 7400) – 3034.	INDIA – EAST COAST – Approaches to Krishnapatnam – Buoy.
135/18	31 (INT 756) – 41 (INT 757).	BAY OF BENGAL AND ANDAMAN SEA – Andaman Sea – Drilling Operation.
141/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.
145/18	31 (INT 756) – 32 (INT 754) – 33 (INT 755) – 352 – 355 (INT 7405) – 356 (INT 7400) – 357 (INT 7397) – 391 – 308.	INDIA – EAST COAST – Bay of Bengal – ADCP Moorings.
153/18	31 (INT 756) – 32 (INT 754) – 391 – 354 (INT 7408).	INDIA – EAST COAST – Sacramento Shoal to Kalingapatnam – Unexploded Charges.

XI

4. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

<u>Notice</u>	<u>Charts Affected</u>	<u>Description</u>
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NIL

SECTION – I

The list of charts affected by the Notices 154 to 157 contained in this edition is as follows:

CHART NUMBER	FOLIO NO.	NOTICE NO.
22 (INT 752)	3	156
32 (INT 754)	5	156, 157
259 (INT 7356)	4	156
260 (INT 7362)	4	156
357 (INT 7397)	5	157
402 (INT 7436)	6	158
403 (INT 7437)	6	158
2001	3	155
2012	4	156
2015 (INT 7337)	3	155
2101 (INT 7347)	3	154
3003	5	157



SECTION – II**PERMANENT NOTICES*****154 (19/18) INDIA – WEST COAST – Approaches to Hazira – Shoal.**

Source: NHO, Dehradun.

Chart 2101 (INT 7347) [previous update 128/18]

Delete



20° 55′.32N., 72° 34′.45E.

***155 (19/18) INDIA – WEST COAST – Mumbai Docks – Towers.**

Source: NHO, Dehradun.

Chart 2015 (INT 7337) [previous update 093/18]

Insert



LATTICE TR (21)

18° 55′.523N., 72° 50′.667E.



LATTICE TR (38)

18° 55′.541N., 72° 50′.670E.

Substitute



LIGHTING TR (39)

for



LATTICE TR (58)

18° 55′.746N., 72° 50′.589E.

Delete



LIGHTING TR (58)

18° 55′.517N., 72° 50′.659E.

Chart 2001[previous update 080/18]

Insert



LATTICE TR (21)

18° 55′.523N., 72° 50′.667E.



LATTICE TR (38)

18° 55′.541N., 72° 50′.670E.

Substitute



LIGHTING TR (39)

for



LATTICE TR (58)

18° 55′.746N., 72° 50′.589E.

Delete



LIGHTING TR (Lattice) (58)

18° 55′.517N., 72° 50′.659E.

***156 (19/18) INDIA – WEST COAST – Alleppey Anchorage – Legend.**

Source: DGLL.

Chart 22 (INT 752) [previous update 133/18]

Substitute legend “Alappuzha” for legend “Alleppey”, centred on:

09° 26′.00N., 76° 26′.00E.

Chart 32 (INT 754) [previous update 140/18]

Substitute legend “Alappuzha” for legend “Alleppey”, centred on:

09° 30′.00N., 76° 24′.00E.

Chart 259 (INT 7356) [previous update 125/18]

Substitute legend “ALAPPUZHA” for legend “ALLEPPEY”, centred on:

09° 29′.30N., 76° 20′.70E.

Chart 260 (INT 7362) [previous update 126/18]

Substitute legend “ALAPPUZHA” for legend “ALLEPPEY”, centred on:

09° 29′.20N., 76° 20′.80E.

156 (19/18) INDIA – WEST COAST – Alleppey Anchorage – Legend. (Continued)*Chart 2012** [previous update NC 31 Mar 2016]

Substitute legend “ALAPPUZHA” for legend “ALLEPPEY”, centred on: 09° 29′.90N., 76° 19′.70E.

***157 (19/18) INDIA – EAST COAST – Pondicherry Anchorage – Legend.**

Source: DGLL.

Chart 32 (INT 754) [previous update 156/18]

Substitute legend “Puducherry” for legend “Pondicherry”, centred on: 11° 58′.02N., 78° 43′.50E.

Chart 357 (INT 7397) [previous update 130/18]

Substitute legend “PUDUCHERRY” for legend “PONDICHERRY”, centred on: 11° 56′.20N., 79° 47′.10E.

Chart 3003 [previous update 038/15]

Substitute legend “PUDUCHERRY” for legend “PONDICHERRY”, centred on: 11° 56′.08N., 79° 49′.74E.

*158 (19/18) Miscellaneous updates to charts.		
Source: NHO Dehradun.		
Chart No.	Previous Updates	Details
402 (INT 7436)	104/18	Insert Chart No.4134 and Magenta limit as follows: 12° 57′.00N., 92° 52′.00E. (S Border) 13° 02′.20N., 92° 52′.00E. 13° 02′.20N., 93° 05′.40E. 12° 57′.00N., 93° 05′.40E. (S Border)
403 (INT 7437)	104/18	Insert Chart No.4134 and Magenta limit as follows: 12° 53′.50N., 92° 52′.00E. 13° 02′.20N., 92° 52′.00E. 13° 02′.20N., 93° 05′.40E. 12° 53′.50N., 93° 05′.40E. 12° 53′.50N., 92° 52′.00E.

SECTION – III

TEMPORARY AND PRELIMINARY NOTICES

NIL



SECTION – IV

MARINE INFORMATION

1. NAVTEX TRANSMISSION

Status of MSI Promulgation by NAVTEX Stations is as follows:-

Mauritius (Cassis) - Operational

Seychelles (Mahe)-Operational

Following new Navtex stations along the Indian coast have commenced operations:-

INTERNATIONAL NATIONAL NAVTEX FREQUENCY - 518 kHz								
Sl.	Station Name	B1	Broad Cast Timings in UTC					
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengrula Point	J	0130	0530	0930	1330	1730	2130
(c)	Muttam Point	L	0150	0550	0950	1350	1750	2150
(d)	Porto Novo	O	0220	0620	1020	1420	1820	2220
(e)	Vakalpudi	Q	0240	0640	1040	1440	1840	2240
(f)	Balasure	S	0300	0700	1100	1500	1900	2300
(g)	Keating Point	V	0330	0730	1130	1530	1930	2330

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.

3. DISPLAY ANOMALIES IN ECDIS

(a) 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.

(b) Some Electronic Chart Display and Information Systems (ECDIS) may exhibit operating anomalies. The International Maritime Organization's (IMO) circular SN.1/CIRC.312 pages /imodocs.aspx (registration required) lists identified anomalies, Their characteristics and remedial advice. Mariners are reminded that they should access the International Hydrographic Organization (IHO) data presentation and performance check (DPPC) dataset (news links of <http://www.iho.int/srv1>) and ensure that all installed ECDIS units are checked.

4. **SAFETY FAIRWAYS, RECOMMENDED ROUTES, TRAFFIC SEPARATION SCHEME**

The Director General Shipping has established Safety fairways, recommended routes and traffic separation scheme (TSS) in restricted Indian waters including the offshore development area to enhance safety of navigation. The details of coordinates for the above have been published in the fortnightly Indian Notices to Mariners Edition No 07 of 2018(01st April 2018).

(a) Safety Fairways: An area within which permits are not granted for the erection of oil or gas related structures. The use of a safety fairway is not usually mandatory, but is recommended. Safety fairways have been promulgated in and round offshore development area in Arabian Sea up to the Exclusive Economic Zone (EEZ) due to increased weather related marine accidents and dense traffic. These are mandatory for all Indian ships and vessels transiting through the ODA and recommendatory for all foreign flag ships and vessels irrespective of size.

(b) Traffic Separation Schemes (TSS). The TSS off Mumbai harbour is mandatory for all Indian and foreign flag ships and vessels entering and leaving Mumbai harbour and Jawaharlal Nehru Port Trust (JNPT)/ Nhava-Sheva harbour irrespective of size.

5. **GAGAN SYSTEM COMMISSIONED FOR OPERATIONS**

The GAGAN System is now commissioned for safety of life, civil aviation, and en- route operations in addition to all other non-aviation applications. The GAGAN signal is being broadcasted through GSAT-8 and GSAT-10 with PRN127 & 128 respectively.

All the GPS users are requested to enable SBAS functionality in their receivers, configure it to receive PRN-127 & 128 and avail the benefits of GAGAN in terms of increased accuracy and reliability. There may be occasional signal outages due to system up-gradation activities.

6. **USAGE OF THURAYA/ IRRIDUM AND SATELLITE PHONE**

The use of Thuraya, Iridium and other such satellite phone is banned in India under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act. It is intimated to all shipping companies/ shipping agents that use of Thuraya/ Iridium and other such satellite phones are banned in Indian waters and seafarers should not use the same.

Satellite phones can be used only after no objections certificate issued by department of telecommunication (DOT) on a case to case basis. The shipping agents should mandatorily intimate the details of person carrying Thuraya and the particulars of Thuraya, Iridium and other such sets in pre arrival notification on security (PANS).

The unauthorized holders of Thuraya/ Iridium and other such Satellite phones can be prosecuted under Sec 6 of Indian Wireless Act and Sec 20 of Indian Telegraph Act.

7. **CAUTIONARY NOTE**

There is a finite amount of lag between publication of large and small scale Indian Nautical Charts. To avoid uncertainty the mariners are advised to use large scale charts for coastal navigation wherever applicable and available. In addition, mariners are to refer large scale charts in conjunction with small scale charts in areas where both overlap during both planning and conduct of passage.

8. **ADVISORY FOR ALL VESSELS NAVIGATING INDIAN WATERS**

(a) All vessels navigating in Indian waters are cautioned to keep a sharp look-out for fishing vessels and small crafts, as there have been several incidents of collisions with such vessels in the past resulting in loss of innocent lives as well as damage to property.

(b) It is further cautioned that all vessels need to exercise extreme care while navigating during hours of darkness as such vessels are generally of primitive built (wood/fibre/etc) due to which it may not be detected on ship's radar, especially during adverse weather conditions. Also, such vessels may not be properly lit, or sometimes, only one vessel may be lit among multiple vessels in a cluster.

(c) The general areas of concern on the west coast of India are the areas of convergence and divergence of traffic, mainly between Mangalore to Kanyakumari (Cape Comorin). Further, in these areas, additional caution needs to be exercised and wide berth be given to all such vessels.

(d) All fishing vessels are also cautioned to avoid fishing in areas having high density traffic. All fishing vessels are also required to always maintain proper lookout by sight, hearing and by all available means and comply with all applicable provisions of Collision Regulations.



List of Indian Chart Agents

<p>OSA Books and Periodicals R-246, Greater Kailash –I, New Delhi - 110 048 Tel/Fax: +91-11-26418643, 46557337, Mob: 9971093992 Email: rpani246@gmail.com</p>	<p>M/s VDO Marine Insrtuments Shanghar Building, PO Bag No – 645, 45/271, Corner of Bristow & Naval Road, Willingdon Island, Kochi – 682 003 Tel: +91 484 2667157 Fax: +91 484 2667121 Email: atmain@md4.vsnl.net.in</p>
<p>M/s Global Charts & Nav. Aids Pvt. Limited 1A, Goa Mansion, Ground Floor, 58, Dr. SunderlalBahl Path (Goa Street), Fort, Mumbai - 400 001 Tel: 91-22-22626318, 22626380 Fax: 91-22-22621488 Email: sales@globalcharts.in Web: www.globalcharts.com.sg</p>	<p>E.W.Liner Charts & Publication (India) 2/524, Sandeep Road, ChinnaNeelangarai, Chennai - 600041 Tele: +91-44-24490668 Fax: +91-44-24491668 Mob No : +91-9003245348 Email: ewl-india@ewliner.com Web: www.ewliner.com</p>
<p>M/s C & C Marine Combine 25 Bank Street, 1st Floor, Fort Mumbai - 400 023 Tel: 91-22- 22660017/0018/0525/1937 Ext: 32 Tel: 91-22-22672143 Fax: 91-22-22670896 Email: vijay@ccmarine.in, sales@ccmarine.in</p>	<p>M/s Engineering Logistics Executive Multi Services Elems Charts, Door No: 61-4-45-A/4, Prakash Nagar, Malkapuram Visakhapatnam – 530 011 Mob: +91 9133871827 Email: sales@elemscharts.in Web: www.elemscharts.in</p>
<p>M/s SVR Chart Agencies Door No.50-81-48/4, Seetammapeta, Visakhapatnam – 530 016 Tel/ Fax: 0891-2799471, Cell: +91-9849120988, 9885797333 Email : mahalakshmitravels99@gmail.com mahalakshmitravels@hotmail.com</p>	<p>SMS Marine Private Ltd 505, Raheja Arcade, Sector 11, CBD Belapur, Navi Mumbai – 400 614 Tel: +91-22-62233326, Fax: 022-67939504 Mobile: +91 9820 238 542 Email: info@c-map.co.in , raj.chakravorty@smsmap.com Web: www.smsmaps.co.in</p>
<p>M/s JM Maritime Services 24/24C Kavarana Building, Ground Floor, WadiBunder, 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</p>	<p>M/s Global Marine Infratech Pvt. Ltd. SikshaSandan, Ground Floor, Plot No. ND7, VIP Area, IRC Village, Bhubaneswar – 751015 Tel: +91-674-2550599, Fax: +91-674-2551899 Cell:- +91-9337477799, 7077702499 Email: tusarkantha@gmiindia.in Web: www.gmiindia.in</p>
<p>M/s Lift o Marine Allen’s Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftomarine.org, liftomarine77@gmail.com Web: www.liftomarine.org</p>	<p>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, PerinNariman Street, Fort, Mumbai - 400 001. Tel: +91-22-2269 1535, Fax: +91-22-66359148 Cell No: +91 8108926880/ +91 98214 60258 Email: lrcharts@gmail.com, lrmarine@live.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani’sPlam View, First Floor, Office No. 889, Sector 48, Nerul, Navi Mumbai – 400 706 Tel/ Fax: +91-22- 27708011 Email: zenithsurveys703@gmail.com nyvmane@yahoo.com Web: www.zenithsurvey.com</p>	<p>IIC Technologies Limited 8-2-350/5/B-22, Road No. 3, Banjara Hills, Hyderabad – 500 034, Telangana Tel: +91 40 39144444 Fax: +91 40 39144455 Email: somnath.marthi@iictechnologies.com sanjeev.sharma@iictechnologies.com Web: www.iictechnologies.com</p>

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 in force as on 30Sep18:

2017 SERIES – 305 345 394 493685 723 762 814 829 866
2018 SERIES – 047 185 222 312 341 343 348 372 375 418 428 440 450 452 471 481 513 542 547 550 559 562 566 567 571 577 582 590 592 597 600 604 614 621 624 625 629 630 636 639 640 641 642 644 647 649 651 652 653

3. NAVAREA VIII Warnings issued during the period from 16Sep18to 30Sep18(both dates inclusive) are as tabulated below:–

618. CANCEL NAVAREA VIII MSG 601/18 AND THIS MSG(.)																						
619. BAY OF BENGAL – OFF BALASORE. Charts IN 31 301 351 352 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR on 20 Sep 18 from 0530-0930 and 21 Sep 18 from 0330-0730 UTC in danger area bounded by 21-22.2N 086-55.71E, 21-08.68N 086-53.89E, 19-33.83N 087-49.55E, 20-13.12N 088-39.86E, 21-22.01N 087-10.85E, 21-22.69N 086-56.33E. 2. Cancel this MSG 210830 UTC Sep 18.																						
620. Bay Of Bengal – off Balasore. Charts IN 31 301 351 352 353 3010 3017 INT 71. Experimental Flight Trial scheduled from ITR on 21 Sep 18 from 1700-2000 and 23 Sep 18 from 1400-1500 and 1830-2030 UTC in danger area bounded by 21-27.3N 087-30.55E, 19-24.73N 086-11.84E, 18-20.11N 087-44.93E, 20-21.12N 089-00.3E. 2. Cancel this MSG 232130 UTC Sep 18.																						
621. Sri Lanka South Coast - Off Galle. Charts IN 32 264 INT 71. Partially Submerged SLFV MaliduPutha Reported adrift 05-20.5N 079-36E At 171100 UTC Sep 18. Boat installed with radar reflector and 6 red lights. 2. Cancel NAVAREA VIII MSG 608 .																						
622. India West Coast – Okha. Charts IN 203 2068 INT 71. Firing by Naval Coast Battery scheduled on 22 Sep 18 from 0530-0730 UTC in danger sector extending upto12 nm within bearing 300 to 020 from 22-28.75N 069-04.05E. 2. Cancel this MSG 220830 UTC Sep 18.																						
623. Cancel NAVAREA VIII MSG 301 574 596/18 and this MSG. INTM 085(P) Section IV Section VII of NTM 18/18 refers.																						
624. India East Coast. Charts IN 31 355 356 357 INT 71. Rig list:– <table border="0"> <tr> <td>ABAN ABRAHAM</td> <td>16-08.58N 082-18.40E NEW</td> </tr> <tr> <td>ABAN II</td> <td>16-39.01N 082-22.73E</td> </tr> <tr> <td>DSR DDKG1</td> <td>16-11.20N 082-35.88E</td> </tr> <tr> <td>ESSAR WILDCAT</td> <td>16-15.79N 082-09.07E</td> </tr> <tr> <td>JACK BATES</td> <td>16-25.70N 082-23.43E</td> </tr> <tr> <td>SSV LOUISIANA</td> <td>16-18.70N 082-21.57E</td> </tr> <tr> <td>OLINDA STAR</td> <td>16-23.08N 082-21.60E</td> </tr> <tr> <td>DSR PLATINUM EXPLORER</td> <td>16-18.79N 082-17.81E</td> </tr> <tr> <td>SAGAR RATNA</td> <td>15-21.91N 080-31.91E</td> </tr> <tr> <td>SAGAR VIJAY</td> <td>16-28.32N 082-22.34E</td> </tr> <tr> <td>WEST TELESTO</td> <td>15-27.38N 080-31.70E</td> </tr> </table> 2. Wide berth requested. 3. Cancel NAVAREA VIII MSG 599.	ABAN ABRAHAM	16-08.58N 082-18.40E NEW	ABAN II	16-39.01N 082-22.73E	DSR DDKG1	16-11.20N 082-35.88E	ESSAR WILDCAT	16-15.79N 082-09.07E	JACK BATES	16-25.70N 082-23.43E	SSV LOUISIANA	16-18.70N 082-21.57E	OLINDA STAR	16-23.08N 082-21.60E	DSR PLATINUM EXPLORER	16-18.79N 082-17.81E	SAGAR RATNA	15-21.91N 080-31.91E	SAGAR VIJAY	16-28.32N 082-22.34E	WEST TELESTO	15-27.38N 080-31.70E
ABAN ABRAHAM	16-08.58N 082-18.40E NEW																					
ABAN II	16-39.01N 082-22.73E																					
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OLINDA STAR	16-23.08N 082-21.60E																					
DSR PLATINUM EXPLORER	16-18.79N 082-17.81E																					
SAGAR RATNA	15-21.91N 080-31.91E																					
SAGAR VIJAY	16-28.32N 082-22.34E																					
WEST TELESTO	15-27.38N 080-31.70E																					
625. Andaman Sea – Yangon River. Charts BA 833 INT 71. Buoys Additional Lower Western FL R 4S, New Center Spit FL W 3S, New Upper Western FL R 2S, New Upper Spit FL W 2S shifted to 16-21.45N 096-22.15E, 16-26.06N 096-20.28E, 16-26.65N 096-19.94E, 16-26.4N 096-20.4E. 2. Buoys Additional Upper Western (16-25.44N 096-20.97E), New Center Western FL R 4S (16-25.75N 096-20.1E) removed, Center Spit FL G 3S (16-25.45N 096-22E) laid, ThuraPhyoKyaw Lin wreck (16-24N 096-21E) adrift. Characteristic of buoy Center Middle Bank changed to FL G 2S. 3. Cancel NAVAREA VIII MSG 414.																						
626. Andaman Sea – off Cinque. Charts IN 405 4030 INT 71. Firing by Naval Ships scheduled from 200030 - 211230 UTC Sep 18 in danger area bounded within 11-15N 092-31E, 11-14N 092-46E, 11-10N 092-46E, 11-07N 092-32E. 2. Cancel this MSG 211330 UTC Sep 18.																						
627. India East Coast – off Gopalpur. Charts IN 352 353 3005 INT 71. Army Air Defence firing and BPTA flight scheduled on 24, 25, 26 Sep 18 from 0130-0830 and 0930-1530 UTC in danger area bounded by (A) 19-14.6N 084-53.7E (B) 19-07.39N 085-35.94E (C) 18-33.61N 084-53.74E and arc of 40 nm radius joining point B and C.																						

627. Continued.
2. Cancel this MSG 261630 UTC Sep 18.
628. India West Coast- Mormugao. Charts IN 214 257 293 2022 2078 INT 71. Firing by Naval Coast Battery scheduled on 24 Sep 18 from 0330 - 0630 UTC in danger sector extending upto10 nm between bearing 220 and 260 from 15-24.61N 073-47.6E.
2. Cancel this MSG 240730 UTC Sep 18.
629. Andaman Sea – off Myanmar. Charts IN 41 INT 71. RV PTSC Researcher progressing geotechnical survey in area bounded by 12-57.52N 096-54.75E,12-57.53N 096-56.41E, 12-59.16N 096-56.4E, 12-59.15N 096-54.74E, 12-58.58N 096-54.18E, 12-58.61N 096-55.83E, 13-00.23N 096-55.82E, 13-00.22N 096-54.16E, 12-50.09N 096-52.1E, 12-50.1N 096-53.75E 12-51.73N 096-53.74E, 12-51.72N 096-52.08E . Wide berth of 5 nm requested.
2. Cancel this MSG 301830 UTC Sep 18.
630. Andaman Sea – off Myanmar. Charts BA 824 INT 71. MV Victoria8 progressing geotechnical survey off Heinze islands (14-25N 097-47E). Wide berth of 5 nm requested.
2. Cancel this MSG 151830 UTC Nov 18.
631. India East Coast – off Kakinada. Charts IN 391 INT 71. Firing by Naval Ships scheduled from 232230 – 241230 UTC Sep 18 in danger area bounded by 15-30N 083-24E, 16-14N 084-00E, 15-34N 084-46E 15-08N 084-24E.
2. Cancel this MSG 241330 UTC Sep 18.
632. India East Coast – off Balasore. Charts IN 351 352 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR on 25 Sep 18 from 0500-0700 and 0900-1100 UTC in danger area bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E.
2. Cancel this MSG 251200 UTC Sep 18.
633. India East Coast – off Chennai. Charts IN 313 356 357 INT 71. Firing by CG Aircraft scheduled on 25, 26, 27 Sep 18 from 0130 - 1130 UTC in danger area bounded within 12-49N to 12-59N and 080-46E to 081-26E.
2. Cancel this MSG 271230 UTC Sep 18.
634. India East Coast – off Balasore. Charts IN 31 301 351 352 353 3010 3017 INT 71. Experimental Flight Trial scheduled from ITR on 23 Sep 18 from 1400-1500 and 1830-2030 UTC in danger area bounded by 21-27.3N 087-30.55E, 19-24.73N 086-11.84E,18-20.11N 087-44.93E, 20-21.12N 089-00.3E.
2. Cancel NAVAREA VIII 620 and this MSG 232130 UTC Sep 18.
635. Bay Of Bengal – off Balasore. Charts IN 31 301 351 352 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR on 26 Sep 18 from 1330-1730, 27 Sep 18 from 0530-0730 and 1430-1630, 28 Sep 18 from 0500-0700 and 0900-1100 UTC in danger area bounded by 21-12.59N 086-46.14E, 20-41.94N 087-01.91E, 20-33.26N 086-57.78E, 17-08.18N 087-04.98E, 17-57.91N 089-30.56E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E.
2. Cancel this MSG 281200 UTC Sep 18.
636. India West Coast – off Mumbai. Charts IN 254 255 292 INT 71. SV SamudraSarvekshak progressing soil coring at 18-53.3N 071-52.5E, 18-52.4N072-19.6E, 18-52.5N 071-25.4E, 18-54.2N 071-20.3E, 18-50.4N 071-21.9E, 20-10.5N 071-55.7E, 18-56.8N 071-38.6E, 19-37.4N 072-17.3E, 19-58.4N 072-24.1E, 18-47.4N 072-30.6E, 18-33.7N 072-17.7E, 18-37.9N 072-14.2E. Wide berth requested.
2. Cancel this MSG 011830 UTC Nov 18.
637. NAVAREA VIII warnings in force as on 21 Sep 2018:- 2017 SERIES – 305 345 394 493 685 723 762 814 829 866 2018 SERIES – 047 185 222 312 341 343 348 372 375 403 418 428 440 450 452 471 481 513 527 542 547 550 559 562 563 566 567 571 577 582 590 592 597 600 604 609 610 614 621 622 624 625 627 628 629 630 631 632 633 634 635 636 (A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet. (B) Text of NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in .
2. Cancel this MSG 281830 UTC Sep 18.
638. India East Coast- Chennai. Charts IN 313 3001 INT 71. Firing by Naval Coast Battery scheduled ON 28 Sep 18 from 0530 - 0730 UTC in danger sector extending upto11 nm between bearing 045 and 075 from 13-07.02N 080-18.01E.
2. Cancel this MSG 280830 UTC Sep 18.
639. India East Coast. Charts IN 351 INT 71. Balasore(21-29N 086-55E) NAVTEX transmitter off for maintenance.
640. India West Coast - Port Dabhol. Charts IN 2065 INT 71. Top mark of buoy 2 missing. buoy8 drifted to17-32.01N 073-07.93E.
641. India West Coast – off Mumbai to Daman. Charts IN 21 292 293 INT 71. SV SaiSowbaghya progressing survey using towed equipmentsin areas bounded by (A) 19-42.36N 070-56.18E, 19-41.28N 072-09.73E, 18-54.89N 072-20.56E, 18-55.08N 071-46.56E, 18-55.74N 071-01.98E, 19-05.85N 070-55.71E (B) 18-49.2N 072-09.49E, 18-48.81N 072-28.67E,17-58.73N 072-27.66E, 17-59.05N 072-08.58E (C) 18-39.62N 070-57.67E, 18-39.55N 071-04.7E, 18-33.3N 071-04.62E, 18-33.61N 070-57.51E (D) 20-37.99N 071-56.7E, 20-37.8N 072-07.22E, 20-03.33N 072-06.53E, 20-03.75N 071-40.63E. Wide berth requested.
2. Cancel this MSG 051830 UTC Feb 19.
642. India West Coast. Charts IN 21 251 254 255 292 INT 71. Rig list:- ABAN ICE 19-13.88N 071-02.41E ACTINIA 19-19.57N 071-01.61E CE THORNTON 18-42.53N 072-20.48E NEW

642. Continued.	
DEEP SEA MATDRILL	19-39.98N 071-35.75E
FG MCCLINTOCK	18-16.38N 072-22.81E
GREAT DRILL CHAAYA	18-37.24N 072-14.94E
GREAT DRILL CHAARU	20-05.50N 071-53.13E
GREAT DRILL CHETNA	21-37.96N 068-26.41E
GREAT DRILL CHITRA	19-22.58N 071-00.85E
HARVEY H WARD	19-34.28N 071-36.05E
JINDAL STAR	20-14.88N 071-57.76E
JINDAL SUPREME	22-57.10N 068-32.30E
JT ANGEL	19-35.30N 071-38.70E
NOBLE ED HOLT	20-11.53N 071-52.25E
PARAMESWARA	22-55.80N 068-21.48E
SAGAR GAURAV	19-35.93N 070-57.18E
SAGAR KIRAN	19-33.13N 071-16.35E
SAGAR SHAKTI	19-15.95N 070-56.47E
SAGAR UDAY	19-08.42N 070-53.87E
TRIDENT II	19-20.91N 071-24.51E
TRIDENT XII	18-44.96N 072-20.01E
VICTORY DRILLER	19-31.70N 071-16.51E
VIRTUE-I	19-15.20N 072-02.17E
VIVEKANANDA1	18-36.12N 071-01.59E
VIVEKANANDA2	19-11.05N 072-11.20E
2.	Wide berth requested.
3.	Cancel NAVAREA VIII MSG 527.
643. India East Coast – off Paradip.	Charts IN 31 351 INT 71. Firing by CG Aircraft scheduled on 25, 26, 27 Sep 18 from 0330 - 1130 UTC in danger area bounded within 20-00N to 20-35N and 088-00E to 089-00E.
2.	Cancel this MSG 271230 UTC Sep 18.
644. India East Coast – Off Gopalpur.	Charts IN 352 353 3005 INT 71. Army Air Defence firing and BPTA flight scheduled on 29, 30 Sep and 01, 02, 03 Oct 18 from 0130-0830 and 0930-1530 UTC and 04, 05, 06 Oct 18 from 0330-1030 and 1330-1630 UTC in danger area bounded by (A) 19-14.6N 084-53.7E (B) 19-07.39N 085-35.94E (C) 18-33.61N 084-53.74E and arc of 40 nm radius joining point B and C.
2.	Cancel this MSG 061730 UTC Oct 18.
645. Cancel NAVAREA VIII MSG 403/18 and this MSG.	
646. Bay Of Bengal – off Balasore.	Charts IN 31 301 351 352 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR ON 26 Sep 18 from 0430-0830, 27 Sep 18 from 0500-0700, 28 Sep 18 from 0500-0700 and 0900-1100 UTC in danger area bounded by 21-12.59N 086-46.14E, 20-41.94N 087-01.91E, 20-33.26N 086-57.78E, 17-08.18N 087-04.98E, 17-57.91N 089-30.56E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E.
2.	Cancel NAVAREA VIII MSG 635 and this MSG 281200 UTC Sep 18.
647. India East Coast – off Balasore.	Charts IN 31 351 352 3017 3031 INT 71. Experimental Flight Trial scheduled from ITR on 01, 03, 04, 05 Oct 18 from 0500-0700 and 0900-1100 UTC in danger area bounded by 21-12.59N 086-46.14E, 20-05.31N 087-20.85E, 21-02.54N 088-22.29E, 21-35.58N 087-10.69E.
2.	Cancel this MSG 051200 UTC Oct 18.
648. Cancel NAVAREA VIII MSG 563/18 and this MSG.	
649. Bay Of Bengal - off Chittagong.	Charts IN 31 BA 90 817 829 INT 71. Firing by Naval Ships scheduled daily from 30 Sep - 30 Oct 18 from 2200 UTC for 19 hours in danger areas bounded by (A) 21-20.83N 090-34E, 21-41N 091-14E, 21-20.83N 091-28E, 21-00N 090-47.83E (B) 20-46N 090-00E, 20-58N 090-17E, 20-40N 090-38E, 20-28N 090-22E (D) 20-07N 090-52E, 20-22N 091-06E, 20-00N 091-36E, 19-44N 091-21E (D1) 20-22N 091-06E, 20-46.5N 091-31E, 20-24N 091-59E, 20-00N 091-36E (E) 21-18N 089-31E, 21-18N 089-50E, 21-04N 089-54E, 21-04N 089-34E (F) 20-58N 089-34E, 20-58N 089-54E, 20-34N 089-54E, 20-34N 089-34E.
2.	Cancel this MSG 311800 UTC Oct 18.
650. Cancel NAVAREA VIII MSG 646/18 and this MSG.	
651. India West Coast – off Mormugao.	Charts IN 256 293 INT 71. Firing by Naval ships scheduled on 02 and 03 Oct 18 from 0100-0800 UTC in danger area bounded within 15-25N to 16-00N and 071-38E to 072-14E.
2.	Cancel this MSG 030900 UTC Oct 18.
652. India East Coast- Vishakhapatnam.	Charts IN 308 3002 INT 71. Firing by Naval Coast Battery scheduled on 03 Oct 18 from 0001 - 0130 UTC in danger sector extending upto 17 nm between bearing 070 and 130 from 17-42N 083-18E.
2.	Cancel this MSG 030230 UTC Oct 18.
653. NAVAREA VIII warnings in force as on 28 Sep 2018:-	
	2017 SERIES – 305 345 394 493 685 723 762 814 829 866
	2018 SERIES - 047 185 222 312 341 343 348 372 375 418 428 440 450 452 471 481 513
	542 547 550 559 562 566 567 571 577 582 590 592 597 600 604 614 621 624 625 629
	630 636 639 640 641 642 644 647 649 651 652

653. Continued.

(A) NAVAREA VIII warnings less than 42 days promulgated via SafetyNet.

(B) TEXT OF NAVAREA VIII warnings inforce including those which no longer broadcast available in www.hydrobharat.gov.in

2. Cancel this MSG 051830 UTC Oct 18.

SECTION – VI
CORRECTIONS TO SAILING DIRECTIONS (PILOTS)

NIL

SECTION – VII
CORRECTIONS TO LIST OF LIGHTS

No	Name & Location	Position (Lat-Long)	Characteristics	Ht. (mts)	Range (miles)	Structure & Height (mts)	Remarks
D7102	FLAT ISLAND - Flat Island. SW Point	19 52.90 S 57 39.00 E	FI(4)W 30s	111	29	White Concrete tower ,red lantern 16	
		*	*				
D9194	WEST BUKHA OIL FIELD -	26 22.89N 55 58.80E	Mo(U)W 15s	..	10	Platform	
		..	Horn Mo(U) 30s				
		*	*	*	*	*	*
F0706	* Alappuzha	09 29.63 N 7619.25 E	FIW15s	33	25	White round masonry tower, red bands 28	<i>fl 0.8.</i> F R light on radio mast 4.5 M N.
		..	AIS	..	..	..	MMSI No 004192245
		*					
F0734	TUTICORIN HARBOUR - Pandiyan Tivu. N end	08 47.14 N 7811.83 E	FI W10s	48	28	White round concrete tower, black stripes 23	<i>fl 0.5.</i> Storm signals.
		..	Racon	..	..	..	ILRS Vol 2 Station 79100
		..	AIS	..	..	..	MMSI No 004194416
							*
F0901.1	Remove from list; deleted						
F0926	Puducherry	11 54.99 N 7949.85 E	FI(2)W15s	48	26	White 6- sided tower black bands 46	<i>fl 0.5, ec 3.2, fl 0.5, ec 10.8</i>
		..	Racon	..	..	..	ILRS Vol 2 Station 79130
		..	AIS	..	..	..	MMSI No 004194423
		*					
F0970	VISAKHAPATNAM HARBOUR - Dolphin's Nose	17 40.59 N 8317.56 E	FI W10s	173	32	White square tower, black bands 19	<i>fl 0.3.</i> F R on radio masts 240m NW
		..	Racon	..	..	..	ILRS Vol 2 Station 79180
		..	AIS	..	..	..	MMSI No 004194437
							*
F1616	PERMATANG SEDEPA (ONE FATHOM BANK) TSS -Northbound Route. N Side.Permatang Sedepa (One Fathom Bank)	02 53.31N 100 59.71 E	FI(4) W 20s	43	23	White round metal tower, red bands on concrete piles. Dome shaped roof at base of tower	ILRS Vol 2 Station 79880
		..	Racon	..	..	..	*
F1718.7	SINGAPORE PORT.EAST KEPPEL FAIRWAY - Outer Shoal	01 15.01 N 103 51.80 E	FI G 5s	8	5	Green buoyant Beacon with Δ topmark	
		*					*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS

INP 31(1), 2014

(Last correction: Edition No. 15 dated 01 Aug2018)

NIL

INP 31(2), 2014

(Last correction: Edition No. 18 dated 16Sep2018)

PAGE 24, SINGAPORE

80300 Serebut Lt Bn.

Delete entry

Source: BA 39/18) (19/18)

PAGE 24, SINGAPORE

80350 Cyrene Lt Bn.

Delete entry

Source: BA 39/18)

(19/18)

NP 31(5), 2017

(Last correction: Edition No. 18 dated 16Sep2018)

INP 31(6), 2012

(Last correction: Edition No. 14 dated 16 July 2018)

PAGE 9, DJIBOUTI, DJIBOUTI, Port, CONTACT DETAILS.

Delete entry and replace by:

CONTACT DETAILS.

Hr Mr

Call: Djibouti Port Control

VHF Channel: Ch 12 16 26 (VTS)

Telephone: +253 21354001

+253 21351284

Fax: +253 21357078

Port Authority

Telephone : +253 21350259

+253 21358201

Fax: +253 21354963

Email: customercare@port.dj

Website: www.portdedjibouti.com

Djibouti Multipurpose Port (DMP)

Call: Djibouti Port Control

VHF Channel: Ch 12 16

Telephone: +253 21319001

+253 77810318

Email: wahib.daher@dmp.dj

Ports of Tadjourah and Ghoubet

Call : Tadjourah/GhoubetPort Control
 VHF Channel 12 21 (Tadjourah) 22 (Ghoubet)
 Telephone: +253 77218050
 Email: mohamed.obakar@tadjourahport.dj

Port of Damerjog

Call: Damerjog Port Control
 VHF Channel: 12 24
 Telephone: +253 21358415
 +253 77812245
 Email: ridwan.houssein@port.dj

Source: BA 38/18) (19/18)

Page 10, **DJIBOUTI, DJIBOUTI, Container Terminal.**

Delete section and replace by:

Container Terminal

For Details see DORALEH

Oil Terminal

For details see DORALEH

Source: BA 38/18) (19/18)

PAGE 10,DJIBOUTI,DORALEH,Port, CONTACT DATAILS.

Delete entry and replace by:

CONTACTDETAILS

Hr Mr

Call: Djibouti Port Control
 VHF Channel: Ch 12 16 26 (VTS)
 Telephone: +253 21354001
 +253 21351284
 Fax: +253 21357078

Port Authority

Telephone: +253 21350259
 +253 21358201
 Fax: +253 21354963
 Email: customercare@port.dj
 Website: www.portdedjibouti.com

Doraleh Oil Terminal

Call: Djibouti Port Control
 VHF Channel: Ch 12 16
 Telephone: +253 21354001
 Fax: +253 21357078

Email: mohamed.abar@port.dj
Website: www.horizon-terminals.com

Doraleh Container Terminal

Call: Djibouti Port Control
VHF Channel: Ch 12 16
Telephone: +253 21317111
+253 77810227
Email: abdillahi.adaweh@dct.dj

Source: BA 38/18)

(19/18)

**Page 115, MALAYSIA, TANJUNG PELAPAS, Pilots, PROCEDURE,
Section (3).**

Delete entry and replace by:

(3) Pilot boards in position 01°13'.93N 103°31'.87E.

Source: BA 39/18)

(19/18)

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.gov.in, msis-inho@navy.gov.in
Fax No.: +91-135- 2748373
WEB: www.hydrobharat.gov.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 102A 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.

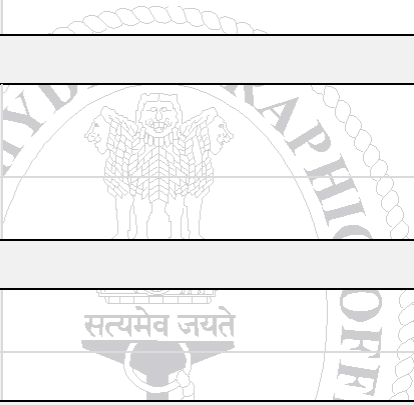

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further,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

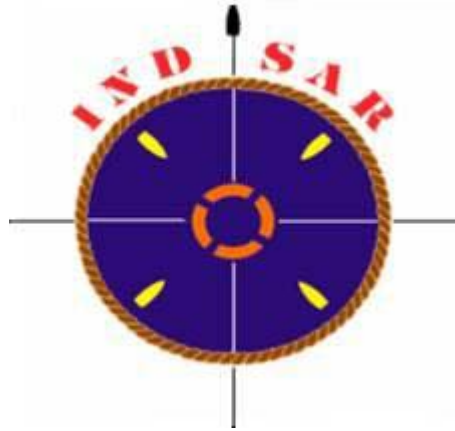


HYDROGRAPHIC NOTE				IH.102 (Revised 2012)	
For Forwarding information for Indian Charts, ENCs and Publications and reporting of ENC related issues					
Date		Ref. Number			
Name of the Ship or Sender					
Address					
Tel/FAX/E-mail address					
Observation Date		Time (UTC/IST)			
Object of Changes 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