

INDIAN NOTICES TO MARINERS



EDITION NO. 15 DATED 01 AUG 2022

(CONTAINS NOTICES 151 TO 152)

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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 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>
NIL					

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>
NIL					

3. The Indian Charts that are 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>
NIL				

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>
NIL			

5. The new edition Indian Electronic Navigational Chart that is 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>
IN122MBC	22	MUMBAI TO CAPE COMORIN	27-07-2022

6. The Indian Electronic Navigational Chart that is permanently withdrawn is as follows:-

<i>ENC Cell Name</i>	<i>Chart No.</i>	<i>Title</i>	<i>Issue Date</i>
IN122MBC	22	MUMBAI TO CAPE COMORIN	06-05-2021

VI

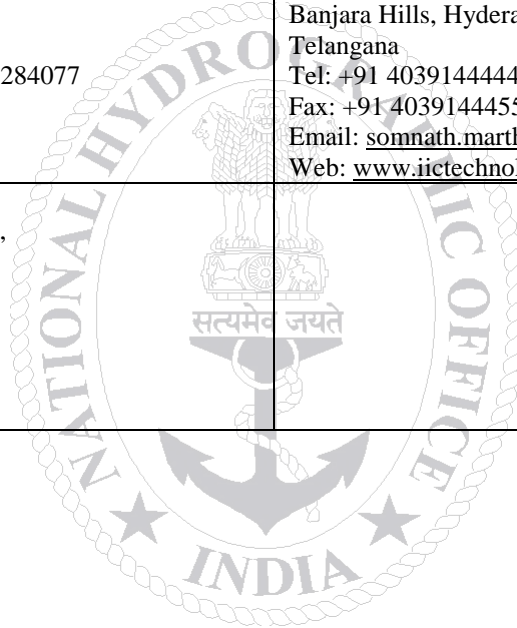
7. The forthcoming Indian Charts are as follows:-

<i>Chart No</i>	<i>Title</i>	<i>Scale</i>	<i>Remarks</i>
295	LAKSHADWEEP TO MALDIVES	7,50,000	NEW CHART
4104	APPROACHES TO PORT MEADOWS AND KOTARA ANCHORAGE	25,000	NEW EDITION
4252	DILIGENT STRAIT TO KOTARA ANCHORAGE	60,000	NEW CHART

Availability of ENCs

The complete folios of Official Indian ENCs are distributed worldwide through JEPPESEN MARINE (formerly C-MAP), UKHO and Norwegian Hydrographic Service. UKHO distributes Indian ENCs through the worldwide 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:

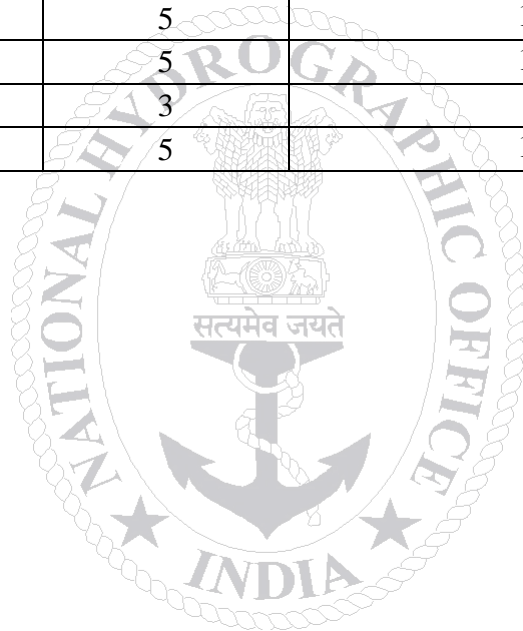
<p>United Kingdom Hydrographic Office Admiralty Way, Taunton, Somerset TA1 2DN, UK Tel : +44 (0) 1823 337900 Fax : +44 (0) 1823 330561, 1823 284077 Web site : www.hydro.gov.uk</p>	<p>M/s IIC Technologies Limited B-2-350/5/B-22, Road No. 3 Banjara Hills, Hyderabad - 500 034 Telangana Tel: +91 4039144444 Fax: +91 4039144455 Email: somnath.marthi@iictechnologies.com Web: www.iictechnologies.com</p>
<p>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</p>	



SECTION – I

The list of charts affected by the Notices 151 to 152 contained in this edition is as follows:-

CHART NUMBER	FOLIO NO.	NOTICE NO.
21	2	151
22 (INT 752)	3	151
211	3	151
255 (INT 7334)	3	151
260 (INT 7362)	4	151
261 (INT 7363)	4	151
263 (INT 7383)	5	151
292 (INT 7021)	2	151
293 (INT 7022)	3	151
294 (INT 7023)	4	151
354 (INT 7408)	5	152 (T)
355 (INT 7405)	5	152 (T)
391	5	152 (T)
2016 (INT 7336)	3	151
3042	5	152 (T)




SECTION – II**PERMANENT NOTICE**

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable.**

Source: SubCom Singapore.

Chart 22 (INT 752) [previous update 134/22]

Insert submarine cable, , joining

17° 17′·60N., 071° 48′·90E.

17° 16′·01N., 071° 48′·18E.

17° 15′·56N., 071° 48′·15E.

17° 15′·22N., 071° 48′·03E.

17° 14′·72N., 071° 47′·74E.

17° 13′·51N., 071° 47′·27E.

17° 10′·38N., 071° 45′·56E.

17° 06′·84N., 071° 44′·07E.

17° 05′·07N., 071° 43′·01E.

17° 03′·32N., 071° 42′·47E.

16° 41′·96N., 071° 29′·18E.

16° 34′·32N., 071° 22′·16E.

16° 27′·45N., 071° 12′·03E.

16° 22′·88N., 071° 07′·06E.

16° 19′·11N., 071° 04′·97E.

16° 13′·67N., 071° 02′·64E.

16° 13′·64N., 071° 02′·63E.

15° 37′·23N., 070° 53′·99E.

15° 23′·22N., 070° 49′·35E.

15° 20′·83N., 070° 48′·55E.

15° 13′·20N., 070° 47′·52E.

14° 44′·66N., 070° 39′·02E.

13° 57′·85N., 070° 23′·92E.

13° 44′·69N., 070° 17′·54E.

13° 17′·91N., 070° 07′·78E.

13° 14′·17N., 070° 05′·89E.

13° 12′·63N., 070° 04′·72E.

13° 09′·92N., 070° 01′·23E.


13° 05′·95N., 069° 57′·88E.

13° 01′·79N., 069° 55′·84E.

12° 02′·91N., 069° 29′·91E.

11° 15′·91N., 069° 10′·00E.



***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**Insert submarine cable, , joining

18° 27′.06N., 069° 10′.00E.
 18° 26′.85N., 069° 10′.13E.
 18° 25′.53N., 069° 11′.28E.
 18° 24′.94N., 069° 12′.05E.
 18° 23′.70N., 069° 14′.25E.
 18° 22′.92N., 069° 16′.28E.
 18° 22′.66N., 069° 17′.83E.
 18° 22′.65N., 069° 20′.61E.
 18° 22′.89N., 069° 22′.28E.
 18° 23′.27N., 069° 23′.48E.
 18° 25′.34N., 069° 28′.08E.
 18° 26′.08N., 069° 30′.05E.
 18° 29′.56N., 069° 42′.33E.
 18° 34′.59N., 070° 00′.99E.
 18° 34′.68N., 070° 01′.48E.
 18° 35′.37N., 070° 06′.89E.
 18° 37′.37N., 070° 11′.13E.
 18° 37′.87N., 070° 13′.14E.
 18° 37′.98N., 070° 13′.80E.
 18° 38′.28N., 070° 14′.87E.
 18° 38′.44N., 070° 15′.54E.
 18° 38′.73N., 070° 16′.18E.
 18° 41′.08N., 070° 24′.93E.
 18° 41′.46N., 070° 27′.81E.
 18° 42′.50N., 070° 33′.09E.
 18° 42′.97N., 070° 35′.58E.
 18° 43′.59N., 070° 39′.71E.
 18° 43′.88N., 070° 41′.14E.
 18° 44′.42N., 070° 43′.03E.
 18° 45′.10N., 070° 47′.00E.
 18° 46′.47N., 070° 55′.29E.
 18° 47′.43N., 071° 00′.83E.
 18° 47′.77N., 071° 07′.70E.
 18° 49′.22N., 071° 24′.82E.
 18° 49′.79N., 071° 32′.41E.
 18° 49′.79N., 071° 32′.48E.
 18° 49′.68N., 071° 33′.87E.
 18° 49′.68N., 071° 33′.91E.




18° 49′.87N., 071° 35′.14E.
 18° 49′.85N., 071° 36′.19E.
 18° 50′.15N., 071° 38′.75E.
 18° 50′.48N., 071° 40′.89E.
 18° 50′.98N., 071° 49′.48E.
 18° 51′.21N., 071° 51′.29E.
 18° 51′.25N., 071° 51′.72E.
 18° 51′.27N., 071° 51′.85E.
 18° 51′.53N., 071° 52′.48E.
 18° 51′.55N., 071° 52′.58E.
 18° 51′.54N., 071° 52′.84E.
 18° 51′.52N., 071° 54′.96E.
 18° 51′.81N., 072° 01′.18E.
 18° 52′.31N., 072° 12′.06E.
 18° 52′.69N., 072° 20′.10E.
 18° 52′.87N., 072° 24′.34E.
 18° 52′.82N., 072° 24′.48E.
 18° 52′.63N., 072° 24′.76E.
 18° 52′.29N., 072° 25′.28E.
 18° 52′.10N., 072° 25′.56E.
 18° 52′.04N., 072° 25′.82E.
 18° 52′.07N., 072° 25′.99E.
 18° 52′.21N., 072° 26′.25E.
 18° 57′.06N., 072° 33′.42E.
 18° 57′.08N., 072° 33′.45E.
 18° 57′.46N., 072° 33′.96E.
 18° 58′.00N., 072° 35′.24E.
 18° 58′.03N., 072° 35′.33E.
 18° 58′.71N., 072° 38′.16E.
 18° 58′.76N., 072° 38′.34E.
 18° 58′.89N., 072° 38′.52E.
 18° 59′.02N., 072° 38′.60E.
 18° 59′.29N., 072° 38′.67E.
 19° 01′.96N., 072° 39′.28E.
 19° 02′.01N., 072° 39′.29E.
 19° 02′.12N., 072° 39′.35E.
 19° 02′.79N., 072° 40′.21E.
 19° 03′.18N., 072° 41′.08E.



19° 04′.94N., 072° 45′.01E.
 19° 05′.93N., 072° 47′.45E.
 19° 06′.53N., 072° 48′.25E.
 19° 07′.42N., 072° 49′.08E.
 19° 07′.43N., 072° 49′.08E.
 19° 07′.55N., 072° 49′.01E.

and

Insert submarine cable, , joining

17° 42′.17N., 071° 33′.56E.
 17° 38′.92N., 071° 32′.19E.
 17° 38′.33N., 071° 32′.05E
 17° 38′.16N., 071° 31′.99E.
 17° 37′.68N., 071° 31′.79E.
 17° 37′.24N., 071° 31′.51E.
 17° 37′.04N., 071° 31′.41E.
 17° 34′.02N., 071° 30′.14E.
 17° 33′.24N., 071° 29′.57E.
 17° 32′.26N., 071° 29′.16E.
 17° 31′.26N., 071° 28′.97E.
 17° 29′.76N., 071° 28′.62E.
 17° 25′.29N., 071° 28′.27E.
 17° 24′.53N., 071° 28′.12E.
 17° 24′.15N., 071° 28′.09E.
 17° 24′.10N., 071° 28′.10E.
 17° 23′.69N., 071° 28′.19E.
 17° 23′.65N., 071° 28′.19E.
 17° 23′.61N., 071° 28′.18E.
 17° 23′.07N., 071° 28′.02E.
 17° 22′.45N., 071° 27′.62E.
 17° 22′.39N., 071° 27′.60E.
 17° 21′.60N., 071° 27′.45E.
 17° 21′.51N., 071° 27′.46E.
 17° 20′.36N., 071° 27′.70E.
 17° 20′.29N., 071° 27′.71E.
 17° 20′.19N., 071° 27′.70E.
 17° 19′.34N., 071° 27′.69E.
 17° 19′.13N., 071° 27′.66E.
 17° 17′.98N., 071° 27′.30E.
 17° 11′.49N., 071° 23′.09E.





17° 11'·05N., 071° 22'·83E.
 16° 57'·43N., 071° 17'·95E.
 16° 56'·85N., 071° 17'·82E.
 16° 55'·58N., 071° 17'·83E.
 16° 34'·40N., 071° 19'·96E.
 16° 33'·08N., 071° 20'·22E.
 16° 29'·22N., 071° 21'·45E.
 16° 25'·23N., 071° 23'·29E.
 16° 21'·90N., 071° 25'·17E.
 16° 18'·73N., 071° 28'·35E
 16° 17'·96N., 071° 29'·05E
 16° 12'·30N., 071° 32'·48E
 16° 02'·59N., 071° 40'·74E
 16° 02'·03N., 071° 41'·21E
 15° 59'·19N., 071° 43'·37E
 15° 54'·26N., 071° 46'·13E
 15° 49'·51N., 071° 48'·03E
 15° 46'·89N., 071° 48'·47E
 15° 44'·57N., 071° 48'·42E
 15° 42'·93N., 071° 48'·76E
 15° 39'·44N., 071° 50'·98E
 15° 37'·75N., 071° 53'·08E
 15° 36'·36N., 071° 55'·62E
 15° 35'·90N., 071° 56'·17E
 15° 31'·73N., 071° 59'·95E
 15° 30'·74N., 072° 00'·76E
 15° 29'·48N., 072° 01'·56E
 15° 02'·53N., 072° 17'·35E
 15° 01'·63N., 072° 17'·82E
 14° 58'·96N., 072° 18'·42E
 14° 57'·95N., 072° 18'·54E
 14° 56'·19N., 072° 18'·23E
 14° 55'·48N., 072° 18'·15E
 14° 54'·67N., 072° 18'·27E
 14° 53'·28N., 072° 18'·84E
 14° 51'·23N., 072° 20'·68E
 14° 49'·04N., 072° 23'·40E
 14° 48'·21N., 072° 24'·37E

14° 47′.51N., 072° 24′.97E
 14° 46′.78N., 072° 25′.43E
 14° 02′.06N., 072° 50′.92E
 14° 01′.37N., 072° 51′.23E


and

09° 47′.43N., 075° 01′.31E
 09° 45′.12N., 074° 59′.65E
 09° 39′.53N., 074° 53′.71E
 09° 25′.71N., 074° 47′.19E
 09° 14′.90N., 074° 44′.47E
 09° 00′.04N., 074° 47′.08E
 08° 53′.59N., 074° 48′.66E
 08° 49′.20N., 074° 52′.87E
 08° 46′.84N., 074° 58′.64E
 08° 44′.87N., 075° 01′.20E
 08° 42′.22N., 075° 02′.90E
 08° 23′.99N., 075° 07′.89E
 08° 14′.70N., 075° 13′.37E
 08° 12′.14N., 075° 17′.72E
 08° 09′.46N., 075° 20′.40E
 08° 05′.10N., 075° 22′.68E
 08° 01′.77N., 075° 27′.44E
 08° 00′.01N., 075° 31′.92E
 08° 00′.21N., 075° 35′.96E
 07° 59′.55N., 075° 38′.50E
 07° 59′.80N., 075° 40′.86E
 07° 58′.76N., 075° 45′.00E
 07° 58′.02N., 075° 48′.48E
 07° 56′.61N., 075° 49′.15E
 07° 54′.10N., 075° 52′.42E
 07° 45′.11N., 075° 59′.06E
 07° 26′.05N., 076° 18′.34E
 07° 02′.29N., 076° 51′.30E
 06° 52′.01N., 077° 15′.94E
 06° 51′.08N., 078° 00′.00E

and

18° 59′.87N., 071° 00′.68E.
 19° 02′.59N., 070° 38′.83E.




Insert submarine cable, , joining

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

19° 04′.54N., 070° 20′.29E.
 19° 04′.55N., 070° 19′.64E.
 19° 04′.61N., 070° 19′.22E.
 19° 05′.75N., 070° 12′.14E.
 19° 07′.17N., 070° 02′.74E.
 19° 07′.62N., 070° 00′.71E.
 19° 07′.71N., 070° 00′.32E.
 19° 07′.91N., 069° 59′.82E.
 19° 14′.33N., 069° 33′.37E.
 19° 23′.40N., 069° 10′.00E.

and

Insert submarine cable, , joining


18° 56′.71N., 072° 49′.28E.
 18° 55′.96N., 072° 47′.55E.
 18° 55′.90N., 072° 47′.17E.
 18° 59′.43N., 072° 42′.86E.
 18° 59′.44N., 072° 42′.85E.
 18° 59′.43N., 072° 42′.76E.
 18° 59′.44N., 072° 42′.49E.
 18° 59′.43N., 072° 42′.27E.
 18° 59′.25N., 072° 41′.45E.
 18° 59′.00N., 072° 41′.16E.
 18° 58′.99N., 072° 41′.16E.
 18° 56′.85N., 072° 34′.18E.
 18° 56′.31N., 072° 33′.56E.
 18° 56′.23N., 072° 33′.45E.
 18° 55′.82N., 072° 32′.93E.
 18° 53′.39N., 072° 29′.89E.
 18° 49′.58N., 072° 21′.68E.
 18° 49′.29N., 072° 20′.61E.
 18° 49′.20N., 072° 20′.44E.
 18° 48′.44N., 072° 18′.79E.
 18° 46′.57N., 072° 16′.26E.
 18° 45′.28N., 072° 13′.72E.
 18° 41′.51N., 072° 06′.16E.
 18° 41′.26N., 072° 05′.68E.
 18° 39′.62N., 072° 02′.39E.
 18° 39′.02N., 072° 01′.14E.
 18° 38′.43N., 071° 59′.99E.






18° 33′.99N., 071° 56′.99E.
 18° 33′.96N., 071° 56′.98E.
 18° 33′.08N., 071° 56′.37E.
 18° 26′.39N., 071° 51′.86E.
 18° 24′.33N., 071° 50′.47E.
 18° 19′.94N., 071° 47′.50E.
 17° 50′.39N., 071° 34′.95E.
 17° 50′.23N., 071° 34′.87E.
 17° 35′.26N., 071° 28′.53E.
 17° 30′.95N., 071° 26′.69E.
 17° 27′.80N., 071° 26′.29E.
 17° 27′.51N., 071° 26′.18E.
 17° 26′.26N., 071° 26′.07E.
 17° 23′.44N., 071° 25′.25E.
 17° 22′.44N., 071° 24′.70E.
 17° 21′.00N., 071° 23′.54E.
 17° 20′.99N., 071° 23′.51E.
 17° 19′.95N., 071° 22′.78E.
 17° 14′.77N., 071° 20′.23E.
 16° 56′.94N., 071° 11′.27E.
 16° 33′.44N., 071° 13′.40E.
 16° 33′.36N., 071° 13′.43E.
 16° 04′.63N., 071° 30′.00E.
 15° 48′.75N., 071° 40′.06E.
 15° 29′.35N., 071° 53′.62E.
 14° 56′.81N., 072° 12′.62E.
 14° 55′.70N., 072° 13′.27E.
 14° 52′.37N., 072° 16′.00E.
 14° 24′.57N., 072° 31′.94E.
 13° 59′.94N., 072° 46′.00E.
 13° 51′.14N., 072° 48′.93E.
 13° 49′.69N., 072° 49′.42E.
 13° 29′.95N., 072° 55′.99E.
 12° 11′.26N., 073° 40′.14E.
 11° 15′.96N., 074° 10′.99E.
 09° 34′.32N., 075° 01′.10E.
 09° 33′.57N., 075° 01′.09E.

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

Delete submarine cable, , joining


17° 42′.17N., 071° 33′.56E.
 17° 38′.92N., 071° 32′.19E.
 17° 32′.86N., 071° 30′.40E.
 17° 26′.46N., 071° 28′.24E.
 17° 16′.51N., 071° 24′.89E.
 16° 55′.58N., 071° 17′.83E.
 16° 34′.40N., 071° 19′.96E.
 16° 09′.69N., 071° 34′.70E.
 15° 46′.78N., 071° 48′.33E.
 14° 56′.42N., 072° 18′.28E.
 14° 40′.06N., 072° 28′.02E.
 14° 01′.33N., 072° 51′.07E.

and

Delete submarine cable, , joining

09° 47′.43N., 075° 01′.31E
 09° 14′.95N., 074° 44′.48E
 09° 00′.04N., 074° 47′.08E
 08° 52′.68N., 074° 53′.64E
 08° 46′.84N., 074° 58′.64E
 08° 42′.22N., 075° 02′.90E
 08° 23′.99N., 075° 07′.89E
 08° 13′.22N., 075° 18′.72E
 08° 04′.36N., 075° 27′.67E
 08° 01′.74N., 075° 30′.77E
 07° 58′.90N., 075° 45′.03E
 07° 53′.08N., 075° 50′.94E
 07° 45′.11N., 075° 59′.06E
 07° 26′.99N., 076° 18′.82E
 07° 02′.29N., 076° 51′.30E
 06° 55′.24N., 077° 08′.15E
 06° 49′.74N., 077° 03′.81E
 06° 51′.08N., 078° 00′.00E

and

Delete submarine cable, , joining


18° 56′.71N., 072° 49′.28E
 18° 55′.99N., 072° 41′.25E
 18° 59′.37N., 072° 41′.46E
 18° 56′.95N., 072° 34′.10E
 18° 51′.70N., 072° 24′.34E
 18° 38′.55N., 072° 00′.00E



***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

16° 57′.00N., 071° 12′.00E
 16° 33′.18N., 071° 13′.52E
 14° 00′.00N., 072° 46′.00E
 13° 18′.32N., 073° 02′.82E
 12° 00′.00N., 073° 46′.10E
 11° 06′.57N., 074° 15′.59E
 09° 33′.90N., 075° 02′.00E

Chart 21 [previous update 142/22]

Insert submarine cable, , joining

19° 09′.07N., 063° 03′.69E.
 19° 02′.85N., 063° 59′.60E.
 18° 54′.51N., 065° 57′.03E.
 18° 47′.43N., 066° 47′.38E.
 18° 45′.10N., 067° 15′.74E.
 18° 34′.10N., 069° 00′.46E.
 18° 32′.17N., 069° 05′.89E.
 18° 27′.06N., 069° 10′.00E.
 18° 26′.85N., 069° 10′.13E.
 18° 25′.53N., 069° 11′.28E.
 18° 24′.94N., 069° 12′.05E.
 18° 23′.70N., 069° 14′.25E.
 18° 22′.92N., 069° 16′.28E.
 18° 22′.66N., 069° 17′.83E.
 18° 22′.65N., 069° 20′.61E.
 18° 22′.89N., 069° 22′.28E.
 18° 23′.27N., 069° 23′.48E.
 18° 25′.34N., 069° 28′.08E.
 18° 26′.08N., 069° 30′.05E.
 18° 29′.56N., 069° 42′.33E.
 18° 34′.59N., 070° 00′.99E.
 18° 34′.68N., 070° 01′.48E.
 18° 35′.37N., 070° 06′.89E.
 18° 37′.37N., 070° 11′.13E.
 18° 37′.87N., 070° 13′.14E.
 18° 37′.98N., 070° 13′.80E.
 18° 38′.28N., 070° 14′.87E.
 18° 38′.44N., 070° 15′.54E.
 18° 38′.73N., 070° 16′.18E.
 18° 41′.08N., 070° 24′.93E.





18° 41'·46N., 070° 27'·81E.
 18° 42'·50N., 070° 33'·09E.
 18° 42'·97N., 070° 35'·58E.
 18° 43'·59N., 070° 39'·71E.
 18° 43'·88N., 070° 41'·14E.
 18° 44'·42N., 070° 43'·03E.
 18° 45'·10N., 070° 47'·00E.
 18° 46'·47N., 070° 55'·29E.
 18° 47'·43N., 071° 00'·83E.
 18° 47'·77N., 071° 07'·70E.
 18° 49'·22N., 071° 24'·82E.
 18° 49'·79N., 071° 32'·41E.
 18° 49'·79N., 071° 32'·48E.
 18° 49'·68N., 071° 33'·87E.
 18° 49'·68N., 071° 33'·91E.
 18° 49'·87N., 071° 35'·14E.
 18° 49'·85N., 071° 36'·19E.
 18° 50'·15N., 071° 38'·75E.
 18° 50'·48N., 071° 40'·89E.
 18° 50'·98N., 071° 49'·48E.
 18° 51'·21N., 071° 51'·29E.
 18° 51'·25N., 071° 51'·72E.
 18° 51'·27N., 071° 51'·85E.
 18° 51'·53N., 071° 52'·48E.
 18° 51'·55N., 071° 52'·58E.
 18° 51'·54N., 071° 52'·84E.
 18° 51'·52N., 071° 54'·96E.
 18° 51'·81N., 072° 01'·18E.
 18° 52'·31N., 072° 12'·06E.
 18° 52'·69N., 072° 20'·10E.
 18° 52'·87N., 072° 24'·34E.
 18° 52'·82N., 072° 24'·48E.
 18° 52'·63N., 072° 24'·76E.
 18° 52'·29N., 072° 25'·28E.
 18° 52'·10N., 072° 25'·56E.
 18° 52'·04N., 072° 25'·82E.
 18° 52'·07N., 072° 25'·99E.
 18° 52'·21N., 072° 26'·25E.

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 57′.06N., 072° 33′.42E.
 18° 57′.08N., 072° 33′.45E.
 18° 57′.46N., 072° 33′.96E.
 18° 58′.00N., 072° 35′.24E.
 18° 58′.03N., 072° 35′.33E.
 18° 58′.71N., 072° 38′.16E.
 18° 58′.76N., 072° 38′.34E.
 18° 58′.89N., 072° 38′.52E.
 18° 59′.02N., 072° 38′.60E.
 18° 59′.29N., 072° 38′.67E.
 19° 01′.96N., 072° 39′.28E.
 19° 02′.01N., 072° 39′.29E.
 19° 02′.12N., 072° 39′.35E.
 19° 02′.79N., 072° 40′.21E.
 19° 03′.18N., 072° 41′.08E.
 19° 04′.94N., 072° 45′.01E.
 19° 05′.93N., 072° 47′.45E.
 19° 06′.53N., 072° 48′.25E.
 19° 07′.42N., 072° 49′.08E.
 19° 07′.43N., 072° 49′.08E.
 19° 07′.55N., 072° 49′.01E.

and

17° 42′.17N., 071° 33′.56E.
 17° 38′.92N., 071° 32′.19E.
 17° 38′.33N., 071° 32′.05E
 17° 38′.16N., 071° 31′.99E.
 17° 37′.68N., 071° 31′.79E.
 17° 37′.24N., 071° 31′.51E.
 17° 37′.04N., 071° 31′.41E.
 17° 34′.02N., 071° 30′.14E.
 17° 33′.24N., 071° 29′.57E.
 17° 32′.26N., 071° 29′.16E.
 17° 31′.26N., 071° 28′.97E.
 17° 30′.05N., 071° 28′.69E.

and

18° 59′.87N., 071° 00′.68E.
 19° 00′.00N., 071° 00′.00E.

Insert

submarine cable, , joining

Insert

submarine cable, , joining

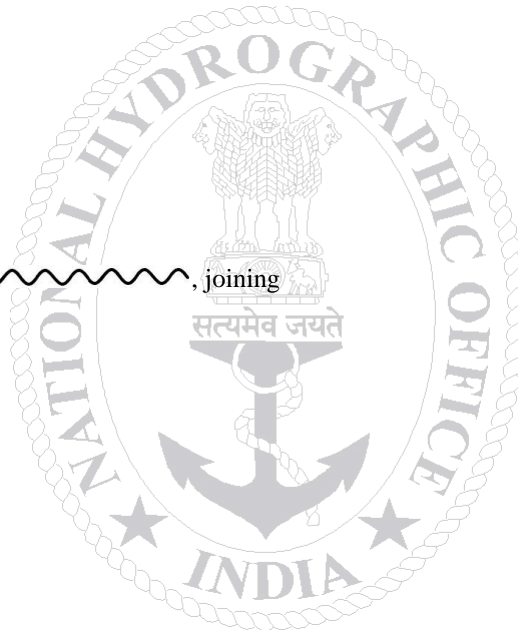
***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

19° 02′.59N., 070° 38′.83E.
 19° 04′.54N., 070° 20′.29E.
 19° 04′.55N., 070° 19′.64E.
 19° 04′.61N., 070° 19′.22E.
 19° 05′.75N., 070° 12′.14E.
 19° 07′.17N., 070° 02′.74E.
 19° 07′.71N., 070° 00′.32E.
 19° 07′.91N., 069° 59′.82E.
 19° 14′.33N., 069° 33′.37E.
 19° 23′.40N., 069° 10′.00E.
 20° 01′.50N., 067° 49′.26E.
 20° 07′.27N., 067° 33′.74E.
 20° 06′.84N., 067° 20′.25E.
 20° 08′.17N., 067° 08′.24E.
 20° 47′.33N., 065° 24′.40E.
 21° 05′.76N., 064° 34′.25E.

and

18° 56′.71N., 072° 49′.28E.
 18° 55′.96N., 072° 47′.55E.
 18° 55′.90N., 072° 47′.17E.
 18° 59′.43N., 072° 42′.86E.
 18° 59′.44N., 072° 42′.85E.
 18° 59′.43N., 072° 42′.76E.
 18° 59′.44N., 072° 42′.49E.
 18° 59′.43N., 072° 42′.27E.
 18° 59′.25N., 072° 41′.45E.
 18° 59′.00N., 072° 41′.16E.
 18° 58′.99N., 072° 41′.16E.
 18° 56′.85N., 072° 34′.18E.
 18° 56′.31N., 072° 33′.56E.
 18° 56′.23N., 072° 33′.45E.
 18° 55′.82N., 072° 32′.93E.
 18° 53′.39N., 072° 29′.89E.
 18° 49′.58N., 072° 21′.68E.
 18° 49′.29N., 072° 20′.61E.
 18° 49′.20N., 072° 20′.44E.
 18° 48′.44N., 072° 18′.79E.

Insert

submarine cable, , joining

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 46′.57N., 072° 16′.26E.

18° 45′.28N., 072° 13′.72E.

18° 41′.51N., 072° 06′.16E.

18° 41′.26N., 072° 05′.68E.

18° 39′.62N., 072° 02′.39E.

18° 39′.02N., 072° 01′.14E.

18° 39′.07N., 072° 01′.03E.

18° 39′.07N., 072° 01′.02E.

18° 38′.97N., 072° 01′.04E.

18° 38′.43N., 071° 59′.99E.

18° 33′.99N., 071° 56′.99E.

18° 33′.96N., 071° 56′.98E.

18° 33′.08N., 071° 56′.37E.

18° 26′.39N., 071° 51′.86E.

18° 24′.33N., 071° 50′.47E.

18° 19′.94N., 071° 47′.50E.

17° 50′.39N., 071° 34′.95E.

17° 50′.23N., 071° 34′.87E.

17° 35′.26N., 071° 28′.53E.



17° 30′.95N., 071° 26′.69E.

17° 30′.00N., 071° 26′.57E.

17° 42′.17N., 071° 33′.56E.

17° 33′.63N., 071° 30′.66E.

17° 30′.00N., 071° 29′.44E.

Delete submarine cable, , joining**Chart 293 (INT 7022) [previous update 120/22]**Insert submarine cable, , joining

17° 17′.60N., 071° 48′.90E.

17° 16′.06N., 071° 48′.19E.

17° 16′.01N., 071° 48′.18E.

17° 15′.56N., 071° 48′.15E.

17° 15′.22N., 071° 48′.03E.

17° 14′.72N., 071° 47′.74E.

17° 13′.51N., 071° 47′.27E.

17° 10′.38N., 071° 45′.56E.


17° 06′.84N., 071° 44′.07E.

17° 05′.07N., 071° 43′.01E.

17° 03′.32N., 071° 42′.47E.


16° 41′.96N., 071° 29′.18E.
 16° 34′.32N., 071° 22′.16E.
 16° 27′.45N., 071° 12′.03E.
 16° 22′.88N., 071° 07′.06E.
 16° 19′.11N., 071° 04′.97E.
 16° 13′.67N., 071° 02′.64E.
 16° 13′.64N., 071° 02′.63E.
 15° 37′.23N., 070° 53′.99E.
 15° 23′.22N., 070° 49′.35E.
 15° 20′.83N., 070° 48′.55E.
 15° 13′.20N., 070° 47′.52E.
 14° 44′.66N., 070° 39′.02E.
 14° 40′.00N., 070° 37′.50E.

and

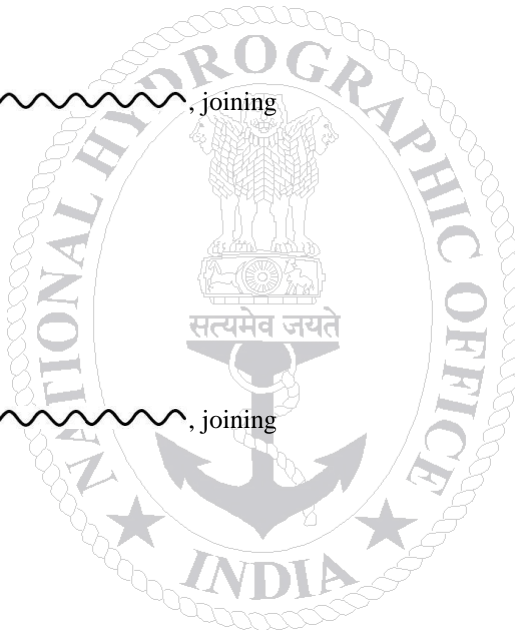
Insert submarine cable, , joining

17° 53′.05N., 070° 20′.00E.
 17° 46′.80N., 070° 03′.05E.
 17° 36′.81N., 069° 46′.59E.
 17° 31′.18N., 069° 28′.70E.
 17° 21′.38N., 069° 24′.04E.

and

Insert submarine cable, , joining

18° 44′.31N., 067° 24′.02E.
 18° 34′.10N., 069° 00′.46E.
 18° 32′.17N., 069° 05′.89E.
 18° 27′.06N., 069° 10′.00E.
 18° 26′.85N., 069° 10′.13E.
 18° 25′.53N., 069° 11′.28E.
 18° 24′.94N., 069° 12′.05E.
 18° 23′.70N., 069° 14′.25E.
 18° 22′.92N., 069° 16′.28E.
 18° 22′.66N., 069° 17′.83E.
 18° 22′.65N., 069° 20′.61E.
 18° 22′.89N., 069° 22′.28E.
 18° 23′.27N., 069° 23′.48E.
 18° 25′.34N., 069° 28′.08E.
 18° 26′.08N., 069° 30′.05E.
 18° 29′.56N., 069° 42′.33E.
 18° 34′.59N., 070° 00′.99E.
 18° 34′.68N., 070° 01′.48E.



18° 35′·37N., 070° 06′·89E.
 18° 37′·37N., 070° 11′·13E.
 18° 37′·87N., 070° 13′·14E.
 18° 37′·98N., 070° 13′·80E.
 18° 38′·28N., 070° 14′·87E.
 18° 38′·44N., 070° 15′·54E.
 18° 38′·73N., 070° 16′·18E.
 18° 41′·08N., 070° 24′·93E.
 18° 41′·46N., 070° 27′·81E.
 18° 42′·50N., 070° 33′·09E.
 18° 42′·97N., 070° 35′·58E.
 18° 43′·59N., 070° 39′·71E.
 18° 43′·88N., 070° 41′·14E.
 18° 44′·42N., 070° 43′·03E.
 18° 45′·10N., 070° 47′·00E.
 18° 46′·47N., 070° 55′·29E.
 18° 47′·43N., 071° 00′·83E.
 18° 47′·77N., 071° 07′·70E.
 18° 49′·22N., 071° 24′·82E.
 18° 49′·79N., 071° 32′·41E.
 18° 49′·79N., 071° 32′·48E.
 18° 49′·68N., 071° 33′·87E.
 18° 49′·68N., 071° 33′·91E.
 18° 49′·87N., 071° 35′·14E.
 18° 49′·85N., 071° 36′·19E.
 18° 50′·15N., 071° 38′·75E.
 18° 50′·48N., 071° 40′·89E.
 18° 50′·98N., 071° 49′·48E.
 18° 51′·21N., 071° 51′·29E.
 18° 51′·25N., 071° 51′·72E.
 18° 51′·27N., 071° 51′·85E.
 18° 51′·53N., 071° 52′·48E.
 18° 51′·55N., 071° 52′·58E.
 18° 51′·54N., 071° 52′·84E.
 18° 51′·52N., 071° 54′·96E.
 18° 51′·81N., 072° 01′·18E.
 18° 52′·31N., 072° 12′·06E.
 18° 52′·69N., 072° 20′·10E.




18° 52′·87N., 072° 24′·34E.
 18° 52′·82N., 072° 24′·48E.
 18° 52′·63N., 072° 24′·76E.
 18° 52′·29N., 072° 25′·28E.
 18° 52′·10N., 072° 25′·56E.
 18° 52′·04N., 072° 25′·82E.
 18° 52′·07N., 072° 25′·99E.
 18° 52′·21N., 072° 26′·25E.
 18° 57′·06N., 072° 33′·42E.
 18° 57′·07N., 072° 33′·42E.
 18° 57′·10N., 072° 33′·40E.
 18° 57′·11N., 072° 33′·40E.
 18° 57′·11N., 072° 33′·41E.
 18° 57′·09N., 072° 33′·43E.
 18° 57′·08N., 072° 33′·45E.
 18° 57′·46N., 072° 33′·96E.
 18° 58′·00N., 072° 35′·24E.
 18° 58′·03N., 072° 35′·33E.
 18° 58′·71N., 072° 38′·16E.
 18° 58′·76N., 072° 38′·34E.
 18° 58′·89N., 072° 38′·52E.
 18° 59′·02N., 072° 38′·60E.
 19° 00′·00N., 072° 38′·67E.

and

17° 42′·17N., 071° 33′·56E.
 17° 38′·92N., 071° 32′·19E.
 17° 38′·33N., 071° 32′·05E
 17° 38′·16N., 071° 31′·99E.
 17° 37′·68N., 071° 31′·79E.
 17° 37′·24N., 071° 31′·51E.
 17° 37′·04N., 071° 31′·41E.
 17° 34′·02N., 071° 30′·14E.
 17° 33′·24N., 071° 29′·57E.
 17° 32′·26N., 071° 29′·16E.
 17° 31′·26N., 071° 28′·97E.
 17° 29′·76N., 071° 28′·62E.
 17° 25′·29N., 071° 28′·27E.
 17° 24′·53N., 071° 28′·12E.




Insert submarine cable, , joining



17° 24'·15N., 071° 28'·09E.
 17° 24'·10N., 071° 28'·10E.
 17° 23'·69N., 071° 28'·19E.
 17° 23'·65N., 071° 28'·19E.
 17° 23'·61N., 071° 28'·18E.
 17° 23'·07N., 071° 28'·02E.
 17° 22'·45N., 071° 27'·62E.
 17° 22'·39N., 071° 27'·60E.
 17° 21'·60N., 071° 27'·45E.
 17° 21'·51N., 071° 27'·46E.
 17° 20'·36N., 071° 27'·70E.
 17° 20'·29N., 071° 27'·71E.
 17° 20'·19N., 071° 27'·70E.
 17° 19'·34N., 071° 27'·69E.
 17° 19'·13N., 071° 27'·66E.
 17° 17'·98N., 071° 27'·30E.
 17° 11'·49N., 071° 23'·09E.
 17° 11'·05N., 071° 22'·83E.
 16° 57'·43N., 071° 17'·95E.
 16° 56'·85N., 071° 17'·82E.
 16° 55'·58N., 071° 17'·83E.
 16° 34'·40N., 071° 19'·96E.
 16° 33'·08N., 071° 20'·22E.
 16° 29'·22N., 071° 21'·45E.
 16° 25'·23N., 071° 23'·29E.
 16° 21'·90N., 071° 25'·17E.
 16° 18'·73N., 071° 28'·35E.
 16° 17'·96N., 071° 29'·05E.
 16° 12'·30N., 071° 32'·48E.
 16° 02'·59N., 071° 40'·74E.
 16° 02'·32N., 071° 40'·81E.
 16° 02'·04N., 071° 40'·72E.
 16° 01'·77N., 071° 40'·56E.
 16° 01'·96N., 071° 40'·95E.
 16° 02'·03N., 071° 41'·21E.
 15° 59'·19N., 071° 43'·37E.
 15° 54'·26N., 071° 46'·13E.
 15° 49'·51N., 071° 48'·03E.

15° 46′.89N., 071° 48′.47E
 15° 44′.57N., 071° 48′.42E
 15° 42′.93N., 071° 48′.76E
 15° 39′.44N., 071° 50′.98E
 15° 37′.75N., 071° 53′.08E
 15° 36′.36N., 071° 55′.62E
 15° 35′.90N., 071° 56′.17E
 15° 31′.73N., 071° 59′.95E
 15° 30′.74N., 072° 00′.76E
 15° 29′.48N., 072° 01′.56E
 15° 02′.53N., 072° 17′.35E
 15° 01′.63N., 072° 17′.82E
 14° 58′.96N., 072° 18′.42E
 14° 57′.95N., 072° 18′.54E
 14° 56′.19N., 072° 18′.23E
 14° 55′.48N., 072° 18′.15E
 14° 54′.67N., 072° 18′.27E
 14° 53′.28N., 072° 18′.84E
 14° 51′.23N., 072° 20′.68E
 14° 49′.04N., 072° 23′.40E
 14° 48′.21N., 072° 24′.37E
 14° 47′.51N., 072° 24′.97E
 14° 46′.78N., 072° 25′.43E
 14° 40′.00N., 072° 29′.31E



Insert submarine cable, , joining

and


18° 56′.68N., 072° 49′.22E.
 18° 55′.96N., 072° 47′.55E.
 18° 55′.90N., 072° 47′.17E.
 18° 59′.43N., 072° 42′.86E.
 18° 59′.44N., 072° 42′.85E.
 18° 59′.43N., 072° 42′.76E.
 18° 59′.44N., 072° 42′.49E.
 18° 59′.43N., 072° 42′.27E.
 18° 59′.25N., 072° 41′.45E.
 18° 59′.00N., 072° 41′.16E.
 18° 58′.99N., 072° 41′.16E.
 18° 56′.85N., 072° 34′.18E.
 18° 56′.31N., 072° 33′.56E.




18° 56'·23N., 072° 33'·45E.
 18° 55'·82N., 072° 32'·93E.
 18° 53'·39N., 072° 29'·89E.
 18° 49'·58N., 072° 21'·68E.
 18° 49'·29N., 072° 20'·61E.
 18° 49'·20N., 072° 20'·44E.
 18° 48'·44N., 072° 18'·79E.
 18° 46'·57N., 072° 16'·26E.
 18° 45'·28N., 072° 13'·72E.
 18° 41'·51N., 072° 06'·16E.
 18° 41'·26N., 072° 05'·68E.
 18° 39'·62N., 072° 02'·39E.
 18° 39'·02N., 072° 01'·14E.
 18° 39'·07N., 072° 01'·03E.
 18° 39'·07N., 072° 01'·02E.
 18° 38'·97N., 072° 01'·04E.
 18° 38'·43N., 071° 59'·99E.
 18° 33'·99N., 071° 56'·99E.
 18° 33'·96N., 071° 56'·98E.
 18° 33'·08N., 071° 56'·37E.
 18° 26'·39N., 071° 51'·86E.
 18° 24'·33N., 071° 50'·47E.
 18° 19'·94N., 071° 47'·50E.
 17° 50'·39N., 071° 34'·95E.
 17° 50'·23N., 071° 34'·87E.
 17° 35'·26N., 071° 28'·53E.
 17° 30'·95N., 071° 26'·69E.
 17° 27'·80N., 071° 26'·29E.
 17° 27'·51N., 071° 26'·18E.
 17° 26'·26N., 071° 26'·07E.
 17° 26'·18N., 071° 26'·93E.
 17° 23'·44N., 071° 25'·25E.
 17° 22'·44N., 071° 24'·70E.
 17° 21'·44N., 071° 24'·51E.
 17° 21'·00N., 071° 23'·54E.
 17° 20'·99N., 071° 23'·51E.
 17° 19'·95N., 071° 22'·78E.
 17° 14'·77N., 071° 20'·23E.

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

16° 56′.94N., 071° 11′.27E.
 16° 33′.44N., 071° 13′.40E.
 16° 33′.36N., 071° 13′.43E.
 16° 04′.63N., 071° 30′.00E.
 15° 48′.75N., 071° 40′.06E.
 15° 29′.35N., 071° 53′.62E.
 14° 56′.81N., 072° 12′.62E.
 14° 55′.70N., 072° 13′.27E.
 14° 52′.37N., 072° 16′.00E.
 14° 40′.00N., 072° 23′.15E.


Delete submarine cable, , joining

17° 42′.17N., 071° 33′.56E.
 17° 38′.92N., 071° 32′.19E.
 17° 32′.86N., 071° 30′.40E.
 17° 26′.46N., 071° 28′.24E.
 17° 16′.51N., 071° 25′.50E.
 16° 57′.37N., 071° 17′.89E.
 16° 34′.80N., 071° 19′.88E.
 16° 00′.00N., 071° 42′.20E.
 15° 32′.00N., 072° 00′.00E.
 15° 00′.00N., 072° 18′.10E.
 14° 14′.00N., 072° 29′.50E.
 and

Delete submarine cable, , joining

18° 42′.84N., 072° 07′.90E
 18° 38′.38N., 072° 00′.00E
 18° 15′.00N., 071° 44′.15E
 18° 00′.00N., 071° 38′.10E
 17° 00′.00N., 071° 12′.50E
 16° 33′.90N., 071° 13′.90E
 16° 00′.00N., 071° 33′.40E
 15° 00′.00N., 072° 10′.00E
 14° 40′.00N., 072° 22′.00E

Chart 292 (INT 7021) [previous update 142/22]

Insert submarine cable, , joining

18° 53′.23N., 066° 10′.00E.
 18° 34′.10N., 069° 00′.46E.
 18° 32′.17N., 069° 05′.89E.
 18° 27′.06N., 069° 10′.00E.





18° 26'·85N., 069° 10'·13E.
 18° 25'·53N., 069° 11'·28E.
 18° 24'·94N., 069° 12'·05E.
 18° 23'·70N., 069° 14'·25E.
 18° 22'·92N., 069° 16'·28E.
 18° 22'·66N., 069° 17'·83E.
 18° 22'·65N., 069° 20'·61E.
 18° 22'·89N., 069° 22'·28E.
 18° 23'·27N., 069° 23'·48E.
 18° 25'·34N., 069° 28'·08E.
 18° 26'·08N., 069° 30'·05E.
 18° 29'·56N., 069° 42'·33E.
 18° 34'·59N., 070° 00'·99E.
 18° 34'·68N., 070° 01'·48E.
 18° 35'·37N., 070° 06'·89E.
 18° 37'·37N., 070° 11'·13E.
 18° 37'·87N., 070° 13'·14E.
 18° 37'·98N., 070° 13'·80E.
 18° 38'·28N., 070° 14'·87E.
 18° 38'·44N., 070° 15'·54E.
 18° 38'·73N., 070° 16'·18E.
 18° 41'·08N., 070° 24'·93E.
 18° 41'·46N., 070° 27'·81E.
 18° 42'·50N., 070° 33'·09E.
 18° 42'·97N., 070° 35'·58E.
 18° 43'·59N., 070° 39'·71E.
 18° 43'·88N., 070° 41'·14E.
 18° 44'·42N., 070° 43'·03E.
 18° 45'·10N., 070° 47'·00E.
 18° 46'·47N., 070° 55'·29E.
 18° 47'·43N., 071° 00'·83E.
 18° 47'·77N., 071° 07'·70E.
 18° 49'·22N., 071° 24'·82E.
 18° 49'·79N., 071° 32'·41E.
 18° 49'·79N., 071° 32'·48E.
 18° 49'·68N., 071° 33'·87E.
 18° 49'·68N., 071° 33'·91E.
 18° 49'·87N., 071° 35'·14E.




18° 49'·85N., 071° 36'·19E.
 18° 50'·15N., 071° 38'·75E.
 18° 50'·48N., 071° 40'·89E.
 18° 50'·98N., 071° 49'·48E.
 18° 51'·21N., 071° 51'·29E.
 18° 51'·25N., 071° 51'·72E.
 18° 51'·27N., 071° 51'·85E.
 18° 51'·53N., 071° 52'·48E.
 18° 51'·55N., 071° 52'·58E.
 18° 51'·54N., 071° 52'·84E.
 18° 51'·52N., 071° 54'·96E.
 18° 51'·81N., 072° 01'·18E.
 18° 52'·31N., 072° 12'·06E.
 18° 52'·69N., 072° 20'·10E.
 18° 52'·87N., 072° 24'·34E.
 18° 52'·82N., 072° 24'·48E.
 18° 52'·63N., 072° 24'·76E.
 18° 52'·29N., 072° 25'·28E.
 18° 52'·10N., 072° 25'·56E.
 18° 52'·04N., 072° 25'·82E.
 18° 52'·07N., 072° 25'·99E.
 18° 52'·21N., 072° 26'·25E.
 18° 57'·06N., 072° 33'·42E.
 18° 57'·07N., 072° 33'·42E.
 18° 57'·10N., 072° 33'·40E.
 18° 57'·11N., 072° 33'·40E.
 18° 57'·11N., 072° 33'·41E.
 18° 57'·09N., 072° 33'·43E.
 18° 57'·08N., 072° 33'·45E.
 18° 57'·46N., 072° 33'·96E.
 18° 58'·00N., 072° 35'·24E.
 18° 58'·03N., 072° 35'·33E.
 18° 58'·71N., 072° 38'·16E.
 18° 58'·76N., 072° 38'·34E.
 18° 58'·89N., 072° 38'·52E.
 18° 59'·02N., 072° 38'·60E.
 18° 59'·29N., 072° 38'·67E.
 19° 01'·96N., 072° 39'·28E.

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**


19° 02′.01N., 072° 39′.29E.
 19° 02′.12N., 072° 39′.35E.
 19° 02′.79N., 072° 40′.21E.
 19° 03′.18N., 072° 41′.08E.
 19° 04′.94N., 072° 45′.01E.
 19° 05′.93N., 072° 47′.45E.
 19° 06′.53N., 072° 48′.25E.
 19° 07′.42N., 072° 49′.08E.
 19° 07′.43N., 072° 49′.08E.
 19° 07′.55N., 072° 49′.01E.

and

Insert submarine cable, , joining

19° 00′.00N., 071° 00′.00E.
 19° 02′.59N., 070° 38′.83E.
 19° 04′.54N., 070° 20′.29E.
 19° 04′.55N., 070° 19′.64E.
 19° 04′.61N., 070° 19′.22E.
 19° 05′.75N., 070° 12′.14E.
 19° 07′.17N., 070° 02′.74E.
 19° 07′.62N., 070° 00′.71E.
 19° 07′.71N., 070° 00′.32E.
 19° 07′.91N., 069° 59′.82E.
 19° 14′.33N., 069° 33′.37E.
 19° 23′.40N., 069° 10′.00E.
 20° 01′.50N., 067° 49′.26E.
 20° 07′.83N., 067° 30′.98E.
 20° 08′.17N., 067° 08′.24E.
 20° 31′.45N., 066° 10′.00E.

and

Insert submarine cable, , joining


18° 56′.71N., 072° 49′.28E.
 18° 55′.96N., 072° 47′.55E.
 18° 55′.90N., 072° 47′.17E.
 18° 59′.43N., 072° 42′.86E.
 18° 59′.44N., 072° 42′.85E.
 18° 59′.43N., 072° 42′.76E.
 18° 59′.44N., 072° 42′.49E.
 18° 59′.43N., 072° 42′.27E.
 18° 59′.25N., 072° 41′.45E.
 18° 59′.00N., 072° 41′.16E.



***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 58′.99N., 072° 41′.16E.
 18° 56′.85N., 072° 34′.18E.
 18° 56′.31N., 072° 33′.56E.
 18° 56′.23N., 072° 33′.45E.
 18° 55′.82N., 072° 32′.93E.
 18° 53′.39N., 072° 29′.89E.
 18° 49′.58N., 072° 21′.68E.
 18° 49′.29N., 072° 20′.61E.
 18° 49′.20N., 072° 20′.44E.
 18° 48′.44N., 072° 18′.79E.
 18° 46′.57N., 072° 16′.26E.
 18° 45′.28N., 072° 13′.72E.
 18° 41′.51N., 072° 06′.16E.
 18° 41′.26N., 072° 05′.68E.
 18° 39′.62N., 072° 02′.39E.
 18° 39′.02N., 072° 01′.14E.
 18° 39′.07N., 072° 01′.03E.
 18° 39′.07N., 072° 01′.02E.
 18° 38′.97N., 072° 01′.04E.
 18° 38′.43N., 071° 59′.99E.
 18° 33′.99N., 071° 56′.99E.
 18° 33′.96N., 071° 56′.98E.
 18° 33′.08N., 071° 56′.37E.
 18° 26′.39N., 071° 51′.86E.
 18° 24′.33N., 071° 50′.47E.
 18° 19′.94N., 071° 47′.50E.
 18° 10′.00N., 071° 43′.43E.

**Chart 294 (INT 7023) [previous update 134/22]**


Insert submarine cable, , joining

15° 10′.00N., 072° 12′.97E
 15° 02′.53N., 072° 17′.35E
 15° 01′.63N., 072° 17′.82E
 14° 58′.96N., 072° 18′.42E
 14° 57′.95N., 072° 18′.54E
 14° 56′.19N., 072° 18′.23E
 14° 55′.48N., 072° 18′.15E
 14° 54′.67N., 072° 18′.27E


***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

14° 53′.28N., 072° 18′.84E
 14° 51′.23N., 072° 20′.68E
 14° 49′.04N., 072° 23′.40E
 14° 48′.21N., 072° 24′.37E
 14° 47′.51N., 072° 24′.97E
 14° 46′.78N., 072° 25′.43E
 14° 02′.06N., 072° 50′.92E

and


Insert submarine cable, , joining

15° 10′.00N., 072° 05′.16E
 14° 56′.81N., 072° 12′.62E.
 14° 55′.70N., 072° 13′.27E.
 14° 52′.37N., 072° 16′.00E.
 14° 24′.57N., 072° 31′.94E.
 13° 59′.94N., 072° 46′.00E.
 13° 51′.14N., 072° 48′.93E.
 13° 49′.69N., 072° 49′.42E.
 13° 29′.95N., 072° 55′.99E.
 12° 11′.26N., 073° 40′.14E.
 11° 15′.96N., 074° 10′.99E.
 10° 40′.00N., 074° 28′.71E.

Delete submarine cable, , joining


15° 10′.01N., 072° 12′.97E
 14° 56′.19N., 072° 20′.10E
 14° 01′.33N., 072° 51′.07E

and

Delete submarine cable, , joining

15° 10′.00N., 072° 03′.77E
 14° 17′.74N., 072° 35′.30E
 14° 01′.30N., 072° 45′.22E
 13° 25′.00N., 073° 00′.00E
 13° 00′.00N., 073° 13′.00E
 12° 00′.00N., 073° 45′.95E
 11° 35′.40N., 074° 00′.00E
 11° 00′.00N., 074° 18′.93E
 10° 40′.03N., 074° 28′.70E

Chart 255 (INT 7334) [previous update 107/22]

Insert submarine cable, , joining

18° 38′.93N., 070° 17′.00E
 18° 41′.08N., 070° 24′.93E.





18° 41'·46N., 070° 27'·81E.
 18° 42'·50N., 070° 33'·09E.
 18° 42'·97N., 070° 35'·58E.
 18° 43'·59N., 070° 39'·71E.
 18° 43'·88N., 070° 41'·14E.
 18° 44'·42N., 070° 43'·03E.
 18° 45'·10N., 070° 47'·00E.
 18° 46'·47N., 070° 55'·29E.
 18° 47'·43N., 071° 00'·83E.
 18° 47'·77N., 071° 07'·70E.
 18° 49'·22N., 071° 24'·82E.
 18° 49'·79N., 071° 32'·41E.
 18° 49'·79N., 071° 32'·48E.
 18° 49'·68N., 071° 33'·87E.
 18° 49'·68N., 071° 33'·91E.
 18° 49'·87N., 071° 35'·14E.
 18° 49'·85N., 071° 36'·19E.
 18° 50'·15N., 071° 38'·75E.
 18° 50'·48N., 071° 40'·89E.
 18° 50'·98N., 071° 49'·48E.
 18° 51'·21N., 071° 51'·29E.
 18° 51'·25N., 071° 51'·72E.
 18° 51'·27N., 071° 51'·85E.
 18° 51'·53N., 071° 52'·48E.
 18° 51'·55N., 071° 52'·58E.
 18° 51'·54N., 071° 52'·84E.
 18° 51'·52N., 071° 54'·96E.
 18° 51'·81N., 072° 01'·18E.
 18° 52'·31N., 072° 12'·06E.
 18° 52'·69N., 072° 20'·10E.
 18° 52'·87N., 072° 24'·34E.
 18° 52'·82N., 072° 24'·48E.
 18° 52'·63N., 072° 24'·76E.
 18° 52'·29N., 072° 25'·28E.
 18° 52'·10N., 072° 25'·56E.
 18° 52'·04N., 072° 25'·82E.
 18° 52'·07N., 072° 25'·99E.
 18° 52'·21N., 072° 26'·25E.

***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 57′.06N., 072° 33′.42E.

18° 57′.08N., 072° 33′.45E.

18° 57′.46N., 072° 33′.96E.

18° 58′.00N., 072° 35′.24E.

18° 58′.03N., 072° 35′.33E.

18° 58′.71N., 072° 38′.16E.

18° 58′.76N., 072° 38′.34E.

18° 58′.89N., 072° 38′.52E.

18° 59′.02N., 072° 38′.60E.

18° 59′.29N., 072° 38′.67E.

19° 01′.96N., 072° 39′.28E.

19° 02′.01N., 072° 39′.29E.

19° 02′.12N., 072° 39′.35E.

19° 02′.79N., 072° 40′.21E.

19° 03′.18N., 072° 41′.08E.

19° 04′.94N., 072° 45′.01E.

19° 05′.93N., 072° 47′.45E.

19° 06′.53N., 072° 48′.25E.

19° 07′.42N., 072° 49′.08E.

19° 07′.43N., 072° 49′.08E.

19° 07′.55N., 072° 49′.01E.

and

19° 00′.00N., 071° 00′.00E.

19° 02′.59N., 070° 38′.83E.

19° 04′.54N., 070° 20′.29E.

19° 04′.55N., 070° 19′.64E.

19° 04′.61N., 070° 19′.22E.

19° 05′.61N., 070° 17′.00E.

and

18° 56′.71N., 072° 49′.28E.

18° 55′.96N., 072° 47′.55E.

18° 55′.90N., 072° 47′.17E.

18° 59′.43N., 072° 42′.86E.



18° 59′.44N., 072° 42′.85E.

18° 59′.43N., 072° 42′.76E.

18° 59′.44N., 072° 42′.49E.

18° 59′.43N., 072° 42′.27E.


18° 59′.25N., 072° 41′.45E.

Insert submarine cable, , joiningInsert submarine cable, , joining


***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 59'·00N., 072° 41'·16E.
 18° 58'·99N., 072° 41'·16E.
 18° 56'·85N., 072° 34'·18E.
 18° 56'·31N., 072° 33'·56E.
 18° 56'·23N., 072° 33'·45E.
 18° 55'·82N., 072° 32'·93E.
 18° 53'·39N., 072° 29'·89E.
 18° 49'·58N., 072° 21'·68E.
 18° 49'·29N., 072° 20'·61E.
 18° 49'·20N., 072° 20'·44E.
 18° 48'·44N., 072° 18'·79E.
 18° 46'·57N., 072° 16'·26E.
 18° 45'·28N., 072° 13'·72E.
 18° 41'·51N., 072° 06'·16E.
 18° 41'·26N., 072° 05'·68E.
 18° 39'·62N., 072° 02'·39E.
 18° 38'·43N., 071° 59'·99E.
 18° 33'·99N., 071° 56'·99E.
 18° 33'·96N., 071° 56'·98E.
 18° 33'·08N., 071° 56'·37E.
 18° 26'·39N., 071° 51'·86E.
 18° 24'·33N., 071° 50'·47E.
 18° 19'·94N., 071° 47'·50E.
 18° 15'·00N., 071° 45'·45E.



Delete submarine cable, , joining

18° 15'·00N., 071° 43'·94E
 18° 17'·84N., 071° 45'·93E
 18° 20'·05N., 071° 47'·48E
 18° 25'·96N., 071° 51'·50E
 18° 32'·61N., 071° 56'·01E
 18° 38'·46N., 071° 59'·98E
 18° 40'·31N., 072° 03'·44E
 18° 42'·77N., 072° 07'·99E
 18° 42'·77N., 072° 08'·00E
 18° 45'·98N., 072° 14'·96E
 18° 49'·83N., 072° 22'·15E
 18° 51'·85N., 072° 26'·50E

151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).*Chart 211** [previous update 107/22]Insert submarine cable, , joining

18° 52′.07N., 072° 08′.00E

18° 52′.31N., 072° 12′.06E.

18° 52′.69N., 072° 20′.10E.

18° 52′.87N., 072° 24′.34E.

18° 52′.82N., 072° 24′.48E.

18° 52′.63N., 072° 24′.76E.

18° 52′.29N., 072° 25′.28E.

18° 52′.10N., 072° 25′.56E.

18° 52′.04N., 072° 25′.82E.

18° 52′.07N., 072° 25′.99E.

18° 52′.21N., 072° 26′.25E.

18° 57′.08N., 072° 33′.45E.

18° 57′.46N., 072° 33′.96E.

18° 58′.00N., 072° 35′.24E.

18° 58′.03N., 072° 35′.33E.

18° 58′.71N., 072° 38′.16E.

18° 58′.76N., 072° 38′.34E.

18° 58′.89N., 072° 38′.52E.

18° 59′.02N., 072° 38′.60E.

18° 59′.29N., 072° 38′.67E.

19° 01′.96N., 072° 39′.28E.

19° 02′.01N., 072° 39′.29E.

19° 02′.12N., 072° 39′.35E.

19° 02′.79N., 072° 40′.21E.

19° 03′.18N., 072° 41′.08E.


19° 04′.94N., 072° 45′.01E.

19° 05′.93N., 072° 47′.45E.

19° 06′.53N., 072° 48′.25E.

19° 07′.40N., 072° 49′.06E.

and

Insert submarine cable, , joining

18° 56′.71N., 072° 49′.28E.

18° 55′.96N., 072° 47′.55E.

18° 55′.90N., 072° 47′.17E.

18° 59′.43N., 072° 42′.86E.

18° 59′.44N., 072° 42′.85E.

18° 59′.43N., 072° 42′.76E.

18° 59′.44N., 072° 42′.49E.



***151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).**

18° 59′.43N., 072° 42′.27E.
 18° 59′.25N., 072° 41′.45E.
 18° 59′.00N., 072° 41′.16E.
 18° 58′.99N., 072° 41′.16E.
 18° 56′.85N., 072° 34′.18E.
 18° 56′.31N., 072° 33′.56E.
 18° 56′.23N., 072° 33′.45E.
 18° 55′.82N., 072° 32′.93E.
 18° 53′.39N., 072° 29′.89E.
 18° 49′.58N., 072° 21′.68E.
 18° 49′.29N., 072° 20′.61E.
 18° 49′.20N., 072° 20′.44E.
 18° 48′.44N., 072° 18′.79E.
 18° 46′.57N., 072° 16′.26E.
 18° 45′.28N., 072° 13′.72E.
 18° 42′.42N., 072° 08′.00E.

Delete

submarine cable, , joining

18° 45′.33N., 072° 13′.77E
 18° 48′.99N., 072° 20′.55E
 18° 49′.05N., 072° 20′.65E
 18° 49′.47N., 072° 21′.43E
 18° 49′.79N., 072° 22′.08E
 18° 49′.90N., 072° 22′.30E
 18° 50′.94N., 072° 24′.54E
 18° 51′.53N., 072° 25′.82E
 18° 51′.85N., 072° 26′.50E

Chart 260 (INT 7362) [previous update 108/22]


Insert

submarine cable, , joining

10° 06′.00N., 074° 53′.78E
 09° 55′.23N., 075° 00′.17E
 09° 50′.19N., 075° 01′.87E
 09° 47′.43N., 075° 01′.31E
 09° 45′.12N., 074° 59′.65E
 09° 39′.53N., 074° 53′.71E
 09° 25′.71N., 074° 47′.19E
 09° 14′.90N., 074° 44′.47E
 09° 00′.04N., 074° 47′.08E
 08° 53′.59N., 074° 48′.66E


*151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).

08° 49'·20N., 074° 52'·87E
 08° 46'·84N., 074° 58'·64E
 08° 44'·87N., 075° 01'·20E
 08° 42'·22N., 075° 02'·90E
 08° 23'·99N., 075° 07'·89E
 08° 17'·00N., 075° 11'·99E

Delete submarine cable, , joining


09° 42'·71N., 074° 56'·77E
 09° 22'·14N., 074° 46'·30E
 09° 04'·51N., 074° 76'·30E
 08° 47'·63N., 074° 55'·18E
 08° 42'·22N., 075° 02'·90E
 08° 31'·00N., 075° 05'·95E
 08° 17'·00N., 075° 12'·13E

Chart 261 (INT 7363) [previous update 167/21]


Insert submarine cable, , joining



08° 31'·00N., 075° 06'·05E
 08° 22'·84N., 075° 09'·47E
 08° 20'·41N., 075° 11'·49E
 08° 13'·22N., 075° 18'·72E
 08° 04'·36N., 075° 27'·67E
 08° 01'·74N., 075° 30'·77E
 07° 58'·88N., 075° 44'·03E
 07° 53'·08N., 075° 50'·94E
 07° 45'·11N., 075° 59'·06E
 07° 26'·99N., 076° 18'·82E
 07° 02'·29N., 076° 51'·30E
 06° 52'·01N., 077° 15'·94E
 06° 51'·63N., 077° 34'·00E

Delete submarine cable, , joining

08° 31'·00N., 075° 06'·00E
 08° 02'·20N., 075° 30'·00E
 07° 44'·50N., 076° 00'·00E
 07° 30'·00N., 076° 15'·00E
 07° 08'·16N., 076° 13'·59E
 06° 54'·82N., 077° 10'·24E
 06° 50'·08N., 077° 30'·00E
 06° 50'·08N., 077° 34'·00E


151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).*Chart 263 (INT 7383)** [previous update NC 30 NOV 2021]Insert submarine cable, , joining

06° 53'·81N., 077° 14'·40E

06° 52'·01N., 077° 15'·94E

06° 51'·63N., 077° 33'·98E

06° 51'·08N., 078° 00'·00E

Delete submarine cable, , joining


06° 53'·82N., 077° 14'·38E

06° 52'·27N., 077° 20'·79E

06° 51'·39N., 077° 24'·40E

06° 50'·89N., 077° 30'·56E

06° 49'·74N., 077° 40'·48E

Chart 2016 (INT 7336) [previous update 107/22]Insert submarine cable, , joining

18° 52'·26N., 072° 26'·45E.

18° 57'·07N., 072° 33'·42E.

18° 57'·08N., 072° 33'·45E.

18° 57'·46N., 072° 33'·96E.

18° 58'·00N., 072° 35'·24E.

18° 58'·03N., 072° 35'·33E.

18° 58'·71N., 072° 38'·16E.

18° 58'·76N., 072° 38'·34E.

18° 58'·89N., 072° 38'·52E.

18° 59'·02N., 072° 38'·60E.

18° 59'·29N., 072° 38'·67E.


19° 01'·96N., 072° 39'·28E.

19° 02'·01N., 072° 39'·29E.

19° 02'·12N., 072° 39'·35E.

19° 02'·70N., 072° 40'·09E.

and

Insert submarine cable, , joining

18° 56'·71N., 072° 49'·28E.

18° 55'·96N., 072° 47'·55E.

18° 55'·90N., 072° 47'·17E.

18° 59'·43N., 072° 42'·86E.

18° 59'·44N., 072° 42'·85E.

18° 59'·43N., 072° 42'·76E.

18° 59'·44N., 072° 42'·49E.

18° 59'·43N., 072° 42'·27E.

18° 59'·25N., 072° 41'·45E.



*151 (15/22) INDIA – WEST COAST – Mumbai to Cape Comorin – Submarine Cable. (Continued).

18° 59′.00N., 072° 41′.16E.

18° 58′.99N., 072° 41′.16E.

18° 56′.85N., 072° 34′.18E.

18° 56′.31N., 072° 33′.56E.

18° 56′.23N., 072° 33′.45E.

18° 55′.82N., 072° 32′.93E.

18° 53′.39N., 072° 29′.89E.

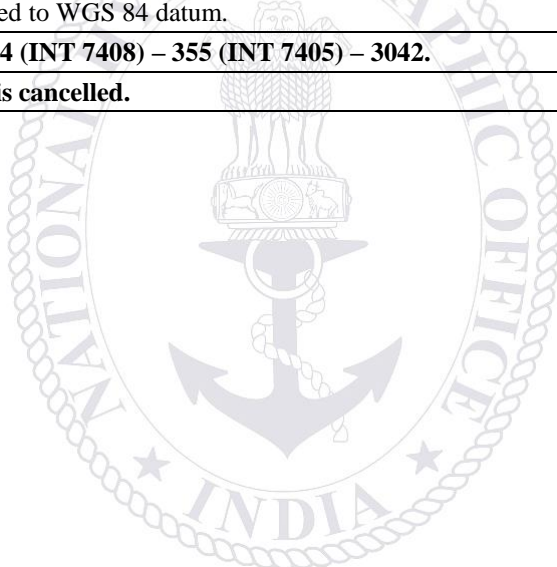
18° 51′.81N., 072° 26′.50E.



Section – III

TEMPORARY AND PRELIMINARY NOTICE

*152 (T) (15/22)	INDIA – EAST COAST – Bay of Bengal – Oil Rigs.
Source: NCD, Mumbai.	
1. List of Oil Rigs is as follows:-	
Rig Name	Position
Aban II	16° 22′.58N., 82° 04′.71E.
DDKG 1	16° 32′.21N., 82° 33′.78E.
DS Fortune	19° 37′.84N., 71° 17′.77E.
Platinum Explorer	16° 18′.79N., 82° 17′.81E.
Olinda Star	16° 18′.97N., 82° 15′.92E.
Key Singapore	16° 26′.89N., 82° 09′.49E.
2. All vessels operating in vicinity are to maintain a clearance of 01 NM off the oil rigs.	
3. All positions referred to WGS 84 datum.	
Charts Affected – 391 – 354 (INT 7408) – 355 (INT 7405) – 3042.	
Former INTM 148 (T)/22 is cancelled.	



SECTION – IV

MARINE INFORMATION

1. **NAVTEX TRANSMISSION**

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

Mauritius (Cassis)	- Operational
Seychelles (Mahe)	- Operational
Myanmar (Yangon, Myeik, Kyau Phyu)	- 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					
			0110	0510	0910	1310	1710	2110
(a)	Veraval	H	0110	0510	0910	1310	1710	2110
(b)	Vengurla 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)	Balasore	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 crews 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: - mrc-west@indiancoastguard.nic.in. 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 are published in the fortnightly Indian Notices to Mariners.

(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 is mandatory for all Indian and foreign flag ships and vessels entering and leaving.

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/ IRIDIUM AND SATELLITE PHONE**

(a) 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.

(b) 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).

(c) 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 Instruments 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. Sunderlal Bahl 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>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 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 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 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>L. R. Marine Services 301, 3rd Floor, Biryra House, 265, Perin Nariman 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 Lift o Marine Allen's Mansion, C6, Nungi Station Road, Bata Nagar, Kolkata – 700 140 Tel: +91 9836972027 Fax: 033 24924283 Email: sankar@liftmarine.org, liftmarine77@gmail.com Web: www.liftmarine.org</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 Web: www.iictechnologies.com</p>
<p>M/s Zenith Surveys (I) Pvt. Ltd. Lakhani's Plam 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>M/s CNC Office No. S-12-92, Haware's Centurion Premises Coop. Soc. Ltd Plot no 88-91, Sector 19, NERUL, Navi Mumbai – 400706 Tel: +91 22 22660017/ +91 22 49747575 Cell No: +91 9920654848/ +91 7506097212 Email: sales@emariner.net</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 – 2020.

2. NAVAREA VIII Warnings in force as on 01 Aug 22: -

2021 SERIES - 017 147 286 340 387 392 447 463 478 479 544 629 658 690 759 761 771 833
2022 SERIES - 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437 445
446 461 476 489 497 513 518 519 528 536 546 562 563 564 569 571 575 578 580 583 584 585
586 587 588 589

3. NAVAREA VIII Warnings issued during the period from 16 Jul 22 to 31 Jul 22 (both dates inclusive) are as tabulated below: –

<p>558. India West Coast – off Dabhol. Charts IN 21 212 256 293 INT 7022. Unmanned barge reported adrift 17-27N 072-54E at 161030 UTC Jul 22.</p> <p>2. Cancel NAVAREA VIII MSG 557/22 and this MSG 191030 UTC Jul 22.</p>
<p>559. India West Coast - off Jaigarh. Charts IN 21 212 256 293 INT 7022. Unmanned barge reported adrift 17-21.57N 073-02.12E at 170500 UTC Jul 22.</p> <p>2. Cancel NAVAREA VIII MSG 558/22 and this MSG 200500 UTC Jul 22.</p>
<p>560. India West Coast - Off Porbandar. Charts IN 21 204 252 292 INT 7325. Firing by CG aircraft scheduled on 20, 22 Jul 22 from 0330 to 1000 UTC in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised.</p> <p>2. Cancel this MSG 221100 UTC Jul 22.</p>
<p>561. Cancel NAVAREA VIII MSG 550/21, 112/22, 531/22 and this MSG. 142, 143, 148 (T) of INTM 14/22 refers.</p>
<p>562. India West Coast - off Mumbai. Charts IN 21 211 255 292 INT 7334. Albatross 5 progressing cable route survey in area bounded by 18-59.84N 072-27.54E, 18-59.03N 072-28.45E, 18-54.09N 072-28.14E, 18-52.98N 072-26.57E, 18-53.70N 072-25.53E, 18-54.68N 072-26.99E. Length of tow 250 meters from stern. Wide berth requested.</p> <p>2. Cancel this MSG 301830 UTC Aug 22.</p>
<p>563. India West Coast - off Revdanda. Charts IN 21 211 255 292 INT 7334. CHAUL KADU reefs beacon LT (18-35.82N 072-50.94E) inoperative.</p>
<p>564. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. KEY GIBRALTAR carrying out hook-up activities in vicinity of 19-03N 071-43E, 19-03N 071-47.31E, 18-59N 071-47.31E, 18-59N 071-43E. Wide berth from area advised.</p> <p>2. Cancel this MSG 191830 UTC Aug 22.</p>
<p>565. India East Coast - off Gopalpur. Charts IN 31 305 352 353 391 INT 7413. Army air defence firing scheduled from 24 to 27 Jul 22 from 0130 to 0830 UTC and 0930 to 1430 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 41 NM radius joining point B and C. Wide berth from area advised.</p> <p>2. Cancel this MSG 271530 UTC Jul 22.</p>
<p>566. India West Coast - off Kandla Port. Charts IN 21 203 2080 INT 7319. Barge KARMA III reported sinking in approximate position 22-43.68N 069-56.93E at 201640 UTC Jul 22.</p>
<p>567. Andaman Sea - off Barren. Charts IN 41 473 INT 7031. Firing by CG aircraft scheduled on 26, 27 Jul 22 from 0800 to 1000 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised.</p> <p>2. Cancel this MSG 271100 UTC Jul 22.</p>
<p>568. India East Coast - off Chennai. Charts IN 356 3001 INT 7402. Firing scheduled on 26 JUL 22 from 0830 to 0930 UTC in danger sector extending upto 11 NM between bearing 045 and 075 from 13-07.02N 080-18.01E. Wide berth from area advised.</p> <p>2. Cancel this MSG 261030 UTC Jul 22.</p>
<p>569. India west coast - off Kandla Port. Charts IN 21 203 2080 INT 7319. Barge KARMA III Reported sunk in approximate position 22-43.68N 069-56.93E at 201640 UTC Jul 22.</p> <p>2. Cancel NAVAREA VIII MSG 566/22.</p>
<p>570. NAVAREA VIII - Warnings in force as on 22 Jul 2022</p> <p>2021 Series - 017 147 286 340 387 392 447 463 478 479 544 629 658 690 759 761 771 833</p> <p>2022 Series - 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437 445 446</p> <p>461 476 489 497 510 511 512 513 518 519 528 530 536 537 544 546 562 563 564 565 566 567</p> <p>568 569</p>

<p>570. Continued. (A) NAVAREA VIII warnings less than 42 days promulgated via safetynet. (B) Text of NAVAREA VIII warning in force including those which no longer broadcast available in www.hydrobharat.gov.in 2. Cancel this MSG 291000 UTC Jul 22.</p>
<p>571. India East Coast - off Chandrabhaga. Charts IN 31 304 352 INT 7416. IFB SRI LAXMI NARAYAN reported sunk in approximate position 19-45N 086-12E on 23 Jul 22.</p>
<p>572. Andaman Sea - off Port Blair. Charts IN 41 405 473 4016 INT 7031. Firing scheduled on 28 and 29 Jul 22 from 1000 to 1200 UTC in danger area bounded by 11-40.8N 092-45.9E, 11-38.13N 093-00.7E, 11-30.65N 092-56.9E, 11-26.33N 092-50.27E. Wide berth from area advised. 2. Cancel this MSG 291300 UTC Jul 22.</p>
<p>573. India East Coast - Visakhapatnam. Charts IN 31 308 354 391 3002 INT 7410. Firing scheduled on 27 Jul 22 from 0001 to 0130 UTC in danger area bounded by (a) 17-42N 083-18E (b) 17-48N 083-35E (c) 17-31N 083-32E and arc of 17 NM radius joining point B and C. Wide berth from area advised. 2. Cancel this MSG 270230 UTC Jul 22.</p>
<p>574. India West Coast - off Porbandar. Charts IN 21 204 252 292 INT 7325. Firing by CG aircraft scheduled on 27, 29 Jul 22 from 0330 to 1000 UTC in danger area bounded by 21-32N 069-24E, 21-17N 069-24E, 21-17N 069-06E, 21-32N 068-56E. Wide berth from area advised. 2. Cancel this MSG 291100 UTC Jul 22.</p>
<p>575. India West Coast - off Mumbai. Charts IN 21 255 292 INT 7334. UMM AL ANBER will carry out cable laying operations from 26 Jul to 14 Aug 22 in area bounded by (a) 18-57.29N 071-52.41E, 18-57.73N 072-00.62E, 18-55.97N 071-57.77E, 18-55.5N 071-52.4E (b) 18-58.32N 072-11.3E, 18-58.64N 072-17.19E, 18-57.41N 072-17.19E, 18-56.48N 072-11.43E. Wide berth of 01 NM requested. 2. Cancel this MSG 141830 UTC Aug 22.</p>
<p>576. India West Coast - Mormugao. Charts IN 22 214 257 293 2022 INT 7022. Firing scheduled on 29 Jul 22 from 0330 to 0730 UTC in danger sector extending upto 15 NM between bearing 220 to 260 from 15-24.7N 073-47.05E. Wide berth from area advised. 2. Cancel this MSG 290830 UTC Jul 22.</p>
<p>577. India East Coast - off Sagar I. Charts IN 31 301 351 INT 7419. Firing by CG aircraft scheduled on 29 Jul 22 from 0430 to 1030 UTC in danger area bounded within 20-37N TO 20-52N and 088-30E to 089-00E. Wide berth from area advised. 2. Cancel this MSG 291130 UTC Jul 22.</p>
<p>578. India West Coast - off Ponnani. Charts IN 22 220 259 294 INT 7356. Firing by CG aircraft scheduled on 29 Jul 22 from 0430 to 1030 UTC in danger area bounded within 10-20N to 10-50N and 075-00E to 075-35E. Wide berth from area advised. 2. Cancel this MSG 291130 UTC Jul 22.</p>
<p>579. India West Coast - Aguada. Charts IN 214 2022 INT 7345. DGPS (15-29.51N 073-46.36E) transmission will be switched off from 290330 to 291330 UTC Jul 22 for maintenance. 2. Cancel this MSG 291330 UTC Jul 22.</p>
<p>580. India East Coast. Charts IN 31 355 391 INT 7405. Rig move. OLINDA STAR (16-18.97N 082-15.92E). Refer to 148(T) of INTM 14/22. Wide berth requested.</p>
<p>581. India West Coast - off Mumbai. Charts IN 21 22 293 INT 7022. Firing scheduled from 272330 to 281330 UTC in danger area bounded within 17-50N to 18-05N and 070-30E to 070-45E. Wide berth from area advised. 2. Cancel this MSG 281430 UTC Jul 22.</p>
<p>582. India East Coast - off Chennai. Charts IN 32 313 356 391 3001 INT 7400. CG exercise scheduled on 29 Jul 22 from 0130 to 1130 UTC in danger area bounded within 13-08N to 13-26N and 080-28E to 080-33E. Wide berth from area advised. 2. Cancel this MSG 291230 UTC Jul 22.</p>
<p>583. India West Coast - Kochi. Charts IN 22 220 2004 INT 7356. Racon k at Vypin Lt (09-59.90N 076-13.30E) not operational from 25 Jul 22.</p>
<p>584. India East Coast - off Paradip Port. Charts IN 31 351 3041 INT 7419. Approach channel buoy no-2 (20-12.58N 086-46.17E) reported adrift and unlit. Vessels transiting to exercise caution.</p>
<p>585. India East Coast - off Gopalpur. Charts IN 31 305 352 353 391 INT 7413. Army air defence firing scheduled from 01 to 06, 08, 10 to 13, 16 to 20, 25 to 27, 29 to 30 Aug 22 from 0130 to 0830 UTC and 0930 to 1430 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 41 nm radius joining point B and C. Wide berth from area advised 2. Cancel this MSG 301530 UTC Aug 22.</p>
<p>586. Andaman Sea - off Barren I. Charts IN 41 473 INT 7031. Firing by CG aircraft scheduled ON 01, 02 Aug 22 from 0830 to 1030 UTC in danger area bounded within 11-50N to 12-00N and 093-40E to 094-10E. Wide berth from area advised. 2. Cancel this MSG 021130 UTC Aug 22.</p>

<p>587. Indian Ocean - off Reunion Island. Charts IN 7702 BA 712 INT 702. Naval gunnery exercise scheduled on 01 Aug 22 from 0800 to 1500 UTC in danger area bounded by 21-26S 055-2.5E, 21-12S 054-57E, 21-19.5S 054-25.9E, 21-39S 054-33.5E. Wide berth from area advised</p> <p>2. Cancel this MSG 011530 UTC Aug 22.</p>
<p>588. NAVAREA VIII - warnings in force as on 29 Jul 2022</p> <p>2021 Series - 017 147 286 340 387 392 447 463 478 479 544 629 658 690 759 761 771 833</p> <p>2022 Series - 049 093 117 118 134 162 180 194 237 253 259 270 286 313 391 423 436 437 445 446 461 476 489 497 510 511 512 513 518 519 528 530 536 537 546 562 563 564 569 571 575 578 580 583 584 585 586 587</p> <p>(A) NAVAREA VIII warnings less than 42 days promulgated via safetynet</p> <p>(B) Text of NAVAREA VIII warning inforce including those which no longer broadcast available in www.hydrobharat.gov.in</p> <p>2. Cancel this MSG 051000 UTC Aug 22.</p>
<p>589. India East and West Coast. National data centre of nais will be switched off from 010330 to 011530 UTC Aug 22 for maintenance.</p> <p>2. Cancel this MSG 011530 UTC Aug 22.</p>

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
D6576	PORTO DE PEBANE Remove from list; deleted						
D7653-6	KHOWR-E MUSA - No 25	30 12.19 N 48 57.85 E	Fl G 6s	..	7	Green beacon	..
	*	*	*	*	*	*	*
D7655-5	- No 29	30 20.81 N 48 53.64 E	Fl(3)G 9s	..	7	Green beacon	..
	*	*	*	*	*	*	*
D7655-6	- No 40	30 22.82 N 48 54.28 E	Fl R 3s	..	7	Red beacon	..
	*	*	*	*	*	*	*
D7655-8	- No 31	30 23.99 N 48 55.77 E	Fl G 3s	..	7	Green beacon	..
	*	*	*	*	*	*	*
D7655-9	- No 42	30 24.55 N 48 55.73 E	Fl R 3s	..	7	Red beacon	..
	*	*	*	*	*	*	*
F0469-55	GULF OF KHAMBHAT -- Petronet LNG. North Jetty	21 40.52 N 72 30.61 E	Fl Y 4s
	*	*	*	*	*	*	*
F0469-6	----	21 40.32 N 72 30.61 E	Fl Y 4s
	*	*	*	*	*	*	*

SECTION – VIII
CORRECTION TO LIST OF RADIO SIGNALS



INP 31(1), 2019

(Last correction: Edition No. 06 dated 16 Mar 2022)

Page 10, INDIA (Andaman and Nicobar Region)

CAMPBELL BAY MRSC

Delete entry and replace by:

CAMPBELL BAY MRSC		07°00'N 93°55'E	
MMSI 004194408	DSC VHF MF HF 4 6 8 12 & 16 MHz		Diagram page 13
 +91 3193 264666 +91 3193 264235 MSAR CALL: 1554 (Toll free)		 +91 3193 264215	
Inmarsat C: (IOR) 441907910 Inmarsat Fleet: 773156289 (Voice) 783251174 (Fax)		e-mail: dhq10@indiancoastguard.nic.in mrsc-cbay@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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RT (MF)



	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

RT (HF)

	Position	Transmits	Receives	Hours of Watch
		4125	4125	H24
		6215	6215	
		8291	8291	
		12290	12290	
		16420	16420	



Page 10, INDIA (Andaman and Nicobar Region)

Insert entry below **DIGLIPUR MRSC**

HUTBAY MRSC		10°34'N 92°33'E	
MMSI 004194409	DSC VHF		Diagram page 13
 +91 3192 211480 MSAR CALL : 1554 (Toll free)		 +91 3192 284194	
Inmarsat Fleet: 773237872 (Voice) 783246664 (Fax)		e-mail: mrsc-hutbay@indiancoastguard.nic.in cgs-htb@indiancoastguard.nic.in	



VHF

		Ch 16	H24
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KAMORTA MRSC		08°02'N 93°34'E	
MMSI 004194408	DSC VHF		Diagram page 13
 +91 3192 263053 MSAR CALL: 1554 (Toll free)		 +91 3192 263030	
Inmarsat C: 441912710 Inmarsat Fleet: 773234415 (Voice) 783258543 (Fax)		e-mail: mrsc-kamorta@indiancoastguard.nic.in cgs-kmt@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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MAYABANDER MRSC		12°55'N 92°53'E	
MMSI 004194407	DSC VHF		Diagram page 13
 +91 3192 276449 MSAR CALL: 1554 (Toll free)		 +91 3192 276449	
Inmarsat C: 441912810 Inmarsat Fleet: 773156771 (Voice) 783247444 (Fax)		e-mail: mpsc-mbunder@indiancoastguard.nic.in myb@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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Page 09, INDIA (Eastern Region)*Insert below CHENNAI MRCC*

FRAZERGANJ MRSC		21°33'N 88°15'E	
MMSI 004194404	DSC VHF		Diagram Page 13
 +91 83 73099183 MSAR CALL :1554 (Toll free)		 +91 44 23460405	
Inmarsat Fleet: 773256470 (Voice) 783238690 (Fax)		e-mail: mpsc-frazerganj@indiancoastguard.nic.in cgs-fzr@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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GOPALPUR MRCC		19°19'N 84°57'E	
MMSI 004194403	DSC VHF		Diagram Page 13
 +91 6811 295513 MSAR CALL :1554 (Toll free)		 +91 44 23460405	
Inmarsat C: 441912310 Inmarsat Fleet: 773231449 (Voice) 783250486 (Fax)		e-mail: mpsc-gopalpur@indiancoastguard.nic.in g-pur@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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Page 10 INDIA (Eastern Region)*Insert below HALDIA MRSC*

KAKINADA MRSC		16°57'N 82°16'E	
MMSI 004194402	DSC VHF		Diagram Page 13
 +91 884 2342175 MSAR CALL: 1554 (Toll free)		 +91 884 2342171	
Inmarsat C: 441913210 Inmarsat Fleet: 773933153 (Voice) 783247357 (Fax)		e-mail: mpsc-kakinada@indiancoastguard.nic.in cgs-knd@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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KARAIKAL MRSC		10°53'N 79°49'E	
MMSI 004194405	DSC VHF MF HF 4 6 8 12 & 16 MHz		Diagram Page 13
 +91 4368 299150 MSAR CALL: 1554 (Toll free)		 +91 4368 238101	
Inmarsat C: 441925046 Inmarsat Fleet: 773909956 (Voice) 783258537 (Fax)		e-mail: mpsc-karaikal@indiancoastguard.nic.in cgs-kkl@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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RT (MF)

	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

RT (HF)



	Position	Transmits	Receives	Hours of Watch
		4125	4125	H24
		6215	6215	
		8291	8291	
		12290	12290	
		16420	16420	

KRISHNAPATNAM MRSC			14°15'N 80°07'E
MMSI 004194402	DSC VHF		Diagram Page 13
 +91 861 2377730 MSAR CALL: 1554 (Toll free)		 +91 861 2377740	
Inmarsat C: 441925069 Inmarsat Fleet: 773256779 (Voice) 783236677 (Fax)		e-mail: mrcs-kpatnam@indiancoastguard.nic.in cgs-kpm@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 10 INDIA (Eastern Region)*Insert below MANDAPAM MRSC*

NIZAMPATNAM MRSC			15°53'N 80°39'E
MMSI 004194402	DSC VHF		Diagram page 13
 +91 8648 257357 MSAR CALL:1554 (Toll free)		 +91 8648 294257	
Inmarsat C: 441925034 Inmarsat Fleet: 773152364 (Voice) 783247434 (Fax)		e-mail: mrcs-npatnam@indiancoastguard.nic.in cgs-nzm@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 10 INDIA (Eastern Region)*Insert below PARADIP MRSC*

PUDUCHERRY MRSC			11°57'N 79°48'E
MMSI 004194401	DSC VHF		Diagram page 13
 +91 413 2257950 MSAR CALL: 1554 (Toll free)		 +91 413 2257956	
Inmarsat C: 441901355 Inmarsat Fleet: 773157742 (Voice) 783246643 (Fax)		e-mail: mrcs-puducherry@indiancoastguard.nic.in cgs-pon@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 10 INDIA (Eastern Region) TUTICORIN MRSC*Delete entry and replace by*

TUTICORIN MRSC			08°45'N 78°11'E
MMSI 004194405	DSC VHF MF HF 4 6 8 12 &16 MHz		Diagram page 13
 +91 461 2352046 MSAR CALL :1554 (Toll free)		 +91 461 2353503	
Inmarsat C: 441928126 Inmarsat Fleet: 773235345 (Voice) 783247418 (Fax)		e-mail: cgs-tut@indiancoastguard.nic.in mrcs-tuticorin@indiancoastguard.nic.in	

8.4

VHF

		Ch 16	H24
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RT (MF)



	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

RT (HF)

	Position	Transmits	Receives	Hours of Watch
		4125	4125	H24
		6215	6215	
		8291	8291	
		12290	12290	
		16420	16420	



Page 08 INDIA (Western Region)

Insert Below DAMAN CGAS,

JAKHAU MRSC			23°13'N 68°37'E
MMSI 004192208	DSC VHF		Diagram page 12
 +91 2831 286302 MSAR CALL: 1554 (Toll free)		 +91 2831 286432 +91 2831 286304	
Inmarsat C: 441900444 Inmarsat Fleet: 773238483 (Voice) 783250469 (Fax)		e-mail: mrcs-jakhau@indiancoastguard.nic.in cgs-jkh@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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MUNDRA MRSC			22°44'N 69°42'E
MMSI 004192207	DSC VHF		Diagram page 12
 +91 2838 271403 MSAR CALL :1554 (Toll free)		 +91 2838 271404	
Inmarsat C: 441901016 Inmarsat Fleet: 773233855 (Voice) 783247419 (Fax)		e-mail: mrcs-mundra@indiancoastguard.nic.in cgs-mdr@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 09 INDIA (Western Region)



Insert below OKHA MRSC,

PIPAVAV MRSC			21°00'N 71°26'E
MMSI 004192207	DSC VHF		Diagram page 12
 +91 2794 221603 MSAR CALL :1554 (Toll free)		 +91 2794 221600	
Inmarsat Fleet: 773234086 (Voice) 783250475 (Fax)		e-mail: mrcs-pipavav@indiancoastguard.nic.in cgs-ppv@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 09 INDIA (Western Region)*Insert below VADINAR MRSSC*

VERAVAL MRSC		20°54'N 70°22'E	
MMSI 004192207	DSC VHF		Diagram page 12
 +91 2876 241352 MSAR CALL: 1554 (Toll free)		 +91 2876 241353	
Inmarsat C: 441912210 Inmarsat Fleet: 773234250 (Voice) 783260081 (Fax)		e-mail: mpsc-veraval@indiancoastguard.nic.in cgs-vrl@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 08 INDIA (Western Region)*Insert above BEYPORE MRSSC*

ANDROTH MRSC		10°48'N 73°40'E	
MMSI 004192209	DSC VHF		Diagram page 12
 +91 4893 232224 MSAR CALL: 1554 (Toll free)		 +91 4893 232645	
Inmarsat Fleet: 773234264 (Voice) 783258536 (Fax)		e-mail: mpsc-androth@indiancoastguard.nic.in cgs-adr@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 08 INDIA (Western Region)*Insert below BEYPORE MRSSC*

DAHANU MRSC		20°04'N 72°42'E	
MMSI 004192203	DSC VHF		Diagram page 12
 +91 2528 250004 MSAR CALL: 1554 (Toll free)		 +91 2528 250003	
Inmarsat C: 441901019 Inmarsat Fleet: 773150134 (Voice) 783247354 (Fax)		e-mail: mpsc-dahanu@indiancoastguard.nic.in cgs-dah@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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Page 08 INDIA (Western Region)*Insert below GOA MRSC*

KARWAR MRSC		14°46'N 74°09'E	
MMSI 004192204			Diagram page 12
 +91 8382 263100 MSAR CALL :1554 (Toll free)		 +91 8382 263100	
Inmarsat C: 441925162		e-mail: mpsc-karwar@indiancoastguard.nic.in cgs-kwr@indiancoastguard.nic.in	

VHF



		Ch 16	H24
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KAVARATTI MRSC			10°32'N 72°37'E
MMSI 004192209	DSC VHF		Diagram page 12
 +91 4896 263491 MSAR CALL: 1554 (Toll free)		 +91 4896 263497	
Inmarsat C: 441900453 Inmarsat Fleet: 773213243 (Voice) 783231888 (Fax)		e-mail: mrcs-kavaratti@indiancoastguard.nic.in dhq12@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 08 INDIA (Western Region)*Insert below KOCHI MRSC*

MINICOY MRSC			08°18'N 73°04'E
MMSI 004192209	DSC VHF		Diagram page 12
 +91 4892 222477 MSAR CALL: 1554 (Toll free)		 +91 4892 223232	
Inmarsat Fleet: 773157566 (Voice) 783259023 (Fax)		e-mail: mrcs-minicoy@indiancoastguard.nic.in cgs-mcy@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 09 INDIA (Western Region)*Insert below MUMBAI MRCC*

MURUD JANJIRA MRSC			18°16'N 72°59'E
MMSI 004192203	DSC VHF		Diagram page 12
 +91 2144 274421 MSAR Call :1554 (Toll free)		 +91 2144 274420	
Inmarsat Fleet: 773232293 (Voice) 783247368 (Fax)		e-mail: mrcs-mjr@indiancoastguard.nic.in cgs-mjr@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 09 INDIA (Western Region)*Insert below NEW MANGALORE MRSC*

RATNAGIRI MRSC			16°53'N 73°16'E
MMSI 004192203	DSC VHF		Diagram page 12
 +91 2352 299230 MSAR Call :1554 (Toll free)		 +91 2352 299231	
Inmarsat Fleet: 773154330 (Voice) 783247386 (Fax)		e-mail: mrcs-ratnagiri@indiancoastguard.nic.in cgs-rtn@indiancoastguard.nic.in	

VHF

		Ch 16	H24
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Page 51, REUNION (FRANCE), LA REUNION (CROSS) MRCC

Delete entry and replace by:

CROSS SOUTH INDIAN OCEAN (CROSS SOI) REUNION MRCC		20°54'.51S 55°35'.31E	
MMSI 006601000	DSC MF		
☎ 196 (Sea rescue request from local landline or mobile) +262 262 434343 +262 692 880433 (SMS only) +262 692 610108 (Voice/SMS/MMS/WhatsApp)		☎ +262 262 711595	
Call: CROSS SOI Inmarsat C: 422799193 Iridium: +881 631448		e-mail reunion@mrccfr.eu lareunion.mrcc@developpement-durable.gouv.fr Website: https://www.dm.sud-ocean-indien.developpement-durable.gouv.fr/cross-r24.html	
NOTE(S): 1. Distress, Urgency and Safety traffic only. 2. Telephone number 196 does not replace the VHF at sea, which has priority for alerting and staying in contact with the CROSS and the emergency services.			

VHF

Cascade	Ch 16	21°11'.00S 55°50'.00E
Colorado		20°53'.19S 55°25'.81E
Le Plate		21°12'.39S 55°19'.89E
Manapany		21°19'.92S 55°34'.86E
Reservoirs		21°09'.54S 55°45'.85E
La Montagne		20°53'.00S 55°26'.00E
La Saline		21°05'.00S 55°16'.00E
Le Port		20°56'.00S 55°18'.00E
HOURS OF WATCH: Ch 16: H24		

RT (MF)

	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

INP 31(2), 2019*(Last correction: Edition No. 01 dated 01 Jan 2022)*

NIL

INP 31(5), 2017*(Last correction: Edition No. 24 dated 16 Dec 2021)*

NIL

INP 31(6), 2018*(Last correction: Edition No. 08 dated 01 July 2022)***Page 72, INDONESIA (Sumatera), DUMAI, Procedure section:**

Delete and replace by:

PROCEDURE:

- (1) **Sea and harbor pilotage pilotage is compulsory.** Berthing and unberthing H24.
- (2) **Harbour pilot boards** in position 1°40'.03N 101°37'.93E (Lt buoy No 18, on arrival if a berth is available).

SECTION – IX

REPORTING OF NAVIGATIONAL DANGERS

Appeal to all Mariners

1. Mariners at sea whilst on passage, or whilst entering / leaving ports / Harbour 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 : msis-inho@navy.gov.in, 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.

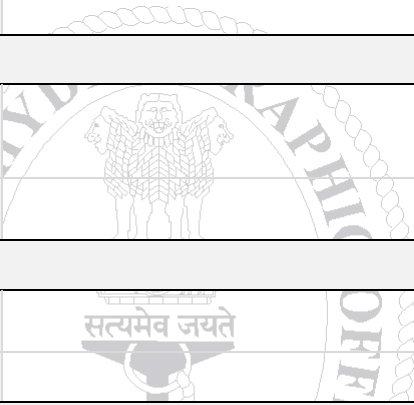

Please Note: - An acknowledgement will be sent by National Hydrographic Office for Hydrographic Notes, on receipt. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless the information is also received from other authorities/ foreign Notices to Mariners. Further, 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, ENC's 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: mrcc-west@indiancoastguard.nic.in

NATION WIDE SAR TELE: 1554 (LAND LINE)

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

AFTN: VABBYXYC