



INDIAN

CHARTS AND PUBLICATIONS
(Original, Authentic and most up-to-date)



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INDIAN NOTICES TO MARINERS Edition No. 05, dated 01 MAR 2003 (Notices 125 – 134)

CONTENTS

- I. Index of Charts Affected.
- II. Permanent Notices.
- III. Temporary and Preliminary Notices.
- V. Radio Navigational Warnings.
- VII. Correction to List of Lights.
- VIII. Correction to List of Radio Signals.

Mariners are requested to notify the Chief Hydrographer to the Government of India, National Hydrographic Office, Post Box No. 75, Dehradun -248001, INDIA [Fax: 0091- (135) - 2748373 Grams: Hydro Dehradun immediately on the discovery of new dangers or suspected dangers to navigation and of changes or defects in aids to navigation. A Hydrographic Note (IH 102), which is a convenient form on which to send in a report, is attached with Notices to Mariners Editions dated 1st January, 1st April, 1st July and 1st October.

KR Srinivasan
Rear Admiral
Chief Hydrographer
to the Government of India

(Published on 1st and 15th of every month)

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EXPLANATORY NOTES

Charts and Positions The Notices in section II give instructions for the corrections of Indian and Admiralty Charts including the information on new Indian Charts and Publications. Geographical positions refer to the horizontal datum of the current edition of the largest scale chart unless otherwise stated. Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward. Symbols referred to are those shown on the chart 5020.

Alterations to depth contours, deletion of depths to make way for new detail, etc; are not mentioned unless they have some navigational significance.

Blocks and notes, if any, accompanying notices in Section II are placed after Section VIII.

Temporary and Preliminary Notices These are indicated by (T) and (P) after the notice number and are placed in Section III. A list of those in force published quarterly and text are published in Annual Edition of Indian Notices to Mariners. Charts are not corrected for them before issue, they should be corrected in pencil on receipt.

Original Information A star adjacent to the number of a notice indicates that the notice is based on original information.

Sailing Directions Corrections or the sailing Directions are given in Section VI. A summary of corrections in force will be issued in Section VI of the Edition dated 1st January, 1st April, 1st July and 1st October.

Lights When a light is affected by a notice its Lights List number is quoted. The correction of the Light List is given in Section VII and should be incorporated as per instructions given on page 11 of the list of Lights. It may be published in earlier or later Edition than the chart correcting notice.

The range of a light is the nominal range; geographical range is given in parenthesis if less than the nominal range.

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

Radio Navigational Warnings Updating information is published by fortnightly Notices to Mariners supplemented by the radio warnings for items of immediate importance. It should be borne in mind that they may be based on reports which can not always be verified before promulgation, and that is some time necessary to be selective and promulgate only the more important items to avoid over loading users; the reminder being included in the revised Edition of the charts and publications concerned.

Laws and Regulations While in the interest of the safety of shipping, the Hydrographic Office makes every endeavour 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 Indian Notices to Mariners contains important information and should be used to keep the specified charts and books up to date.

THE USE OF CHARTS AND ASSOCIATED PUBLICATIONS

Reliance on Charts and Associated Publications While every effort is made to ensure the accuracy of the information on Indian charts and other publication, it should be appreciated that it may not always be complete and up-to-date. The mariners must be the final judge of the reliance he can place on the information given, bearing in mind his particular circumstances, local pilotage guidance and judicious use of available navigational aids.

The positions of Hydrographic objects shown on the Indian charts and publications are given 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 variation in position obtained by visual fixing (Everest Datum) and GPS position (WGS 84 datum). Before plotting GPS positions on charts, datum shift values given on the chart are to be applied in order to agree with the charted position. These datum shift values are not uniform, particularly in areas off Andaman & Nicobar and Lakshdweep Islands, as these places are not strictly adjusted to mainland network (datum). Mariners are

advised to use alternate source of position information particularly when closing the shore or navigating in the vicinity of danger.

Charts Charts should be used with prudence; there are areas where the source data are old incomplete or of poor quality. The mariners should use largest scales appropriate for his particular purpose; apart from being the most detailed, the larger scale are usually corrected first. When extensive information (such as new hydrographic survey) is received, some months must elapse before it can be fully incorporated in published charts.

On small-scale charts of ocean areas where hydrographic information is, in many cases still sparse, charted shoal may be in error as regards position, least depth and extent. Undiscovered dangers may exist particularly away from well-established routes.

Further Guidance The mariner's Hand Book (NP 100) gives full explanation of the limitation of charts. In their own interest, all users should study it.

ATTENTION
CHANGE OF WEBSITE ADDRESS

It is intimated to mariners that Indian National Hydrographic Office, Dehradun website address has been changed from www.hydroindia.org to www.hydrobharat.org. The old website address will also remain operative till 31 Mar 2003 for reason of continuity.

I

INDEX OF CHARTS AFFECTED (Edition No. 05 dated 01 Mar 2003)

| <u>INDIAN Chart No.</u> | <u>Folio No.</u> | <u>Notice No.</u> | <u>ADMIRALTY Chart No.</u> | <u>Folio No.</u> | <u>Notice No.</u> |
|-----------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|
| 21 | 2 | 126 | 646 | 36 | 125 |
| 22 | 3 | 125 | 2523 | 40 | 125 |
| 31 | 5 | 134(T) | 2760 | 46 | 125 |
| 32 | 5 | 125, 134(T) | 2777 | 45 | 125 |
| 203 | 2 | 126, 127 | 2779 | 46 | 125 |
| 205 | 2 | 128 | 3777 | 40 | 125 |
| 215 | 3 | 130 | 3788 | 40 | 125 |
| 252 (INT 7325) | 2 | 128 | 3790 | 40 | 125 |
| 255 (INT 7334) | 3 | 129 | 3940 | 45 | 125 |
| 257 (INT 7343) | 3 | 130 | 3945 | 45 | 125 |
| 353 | 5 | 131 | 3946 | 45 | 125 |
| 354 (INT 7408) | 5 | 131 | | | |
| 355 (INT 7405) | 5 | 134(T) | | | |
| 356 | 5 | 134(T) | | | |
| 408 | 6 | 125 | | | |
| 410 | 7 | 133 | | | |
| 411 | 7 | 133 | | | |
| 451 | 7 | 133 | | | |
| 452 | 7 | 133 | | | |
| 2016 | 3 | 129 | | | |
| 2021 | 2 | 126 | | | |
| 2056 | 2 | 125 | | | |
| 2068 | 2 | 126, 127 | | | |
| 2076 | 3 | 129 | | | |
| 2080 | 2 | 126 | | | |
| 2081 | 2 | 125 | | | |
| 2100 | 2 | 125 | | | |
| 3006 | 5 | 132 | | | |
| 3011 | 5 | 132 | | | |
| 3013 | 5 | 132 | | | |
| 3024 | 5 | 131 | | | |
| 7706 (INT 706) | 1 | 134(T) | | | |

II

PERMANENT NOTICES

INDIAN HYDROGRAPHIC CHARTS AND PUBLICATIONS

***125 (05/03) MISCELLANEOUS UPDATES TO CHARTS**

| <u>Chart No.</u> | <u>Last Correction</u> | <u>Details</u> |
|------------------|------------------------|---|
| 22 | 105/03 | Delete existing Magenta limit and Chart Number 259 as follows:- <u>Limits:</u> North: 12° 20'. 00N. East: 76° 20'. 00E. South: 09° 36'. 00N. West: 74° 33'. 00E. Insert new Magenta limit and Chart Number 259 (INT 7356) as follows:- <u>Limits:</u> North: 11° 39'. 00N. East: 76° 35'. 00E. South: 08° 51'. 00N. West: 74° 42'. 00E. |
| 32 | 105/03 | Delete existing Magenta limit and Chart Number 355 as follows:- <u>Limits:</u> North: 17° 08'. 00N. East: 83° 10'. 00E. South: 15° 25'. 00N. West: 80° 10'. 00E. Insert new Magenta limit and Chart Number 355 (INT 7405) as follows:- <u>Limits:</u> North: 16° 49'.50N. East: 82° 54'.50E. South: 15° 03'.00N. West: 80° 02'.00E. Delete existing Magenta limit and Chart Number 354 as follows:- <u>Limits:</u> North: Northern Border East: Eastern Border South: 16° 49'. 00N. West: 82° 12'.00E. Insert new Magenta limit and Chart Number 354 (INT 7408) as follows:- <u>Limits:</u> North: Northern Border East: Eastern Border South: 16° 34'.00N. West: 82° 12'.00E. |
| 408 | 92/03 | In Source Data Diagram Amend scales of IN Surveys as follows :- Against 'a' – 1: 50, 000 – 1: 75, 000 Against 'b' – 1: 150, 000 Against 'c' – 1: 2000 – 1: 12, 500 |
| 2100, 2056, 2081 | 103/03 | Refer INM 103 of Edition 04/2003, The data buoy SW ₁ in position 20° 52'.50N., 71° 29'.52E. read as delete. |
| B.A. 646 | New Edition 27/6/02 | Insert accompanying note, CAUTION: SATELLITE-DERIVED POSITIONS, Centred on, 26° 02'.28S, 32° 32'.37E. Amend reference, Positions, within the title note centred on, 26° 01'.17S., 32° 31'.85E. to read, <i>Positions see CAUTION: SATELLITE-DERIVED POSITIONS note.</i> Substitute accompanying note, CHART 644: POSITIONS, for existing note, CAUTION – HORIZONTAL DATUM, centred on 26° 01'.77S., 32° 31'.37E. |
| B.A. 2523 | 78/03 | Insert magenta limit and chart number, 3738, as follows: North: 26° 35'.00N East: 51° 04'.00E South: 26° 02'.00N West: - Substitute the accompanying note, CHART 3790: POSITIONS, for existing note, CHARTS 3790 AND 3798: POSITIONS, in position 25° 56'.60N., 51° 09'.45E. Amend reference to, <i>Adjoining Chart 3790 (see Note-POSITIONS)</i> , in W. border at latitude 26° 25'.00N. |

II

- Delete magenta limit and chart reference, 3798 (see Note-Positions), in position 26° 10'.00N., 51° 04'.00E.
- B.A. 2760 237/02 Insert magenta limit and chart number, 400, as follows:
North: 4° 10'.00N East: 99° 00'.00E
South: 1° 13'.17N West: -
Delete magenta limit and chart number, 2778, in position 3° 52'.00N., 99° 05'.00E.
- B.A. 2777 109/03 Amend reference in S. border at longitude 96° 35'.00E. to read, *Adjoining Chart 400*.
- B.A. 2779 362/01 Amend reference in N. border at longitude 98° 15'.00E. to read, *Adjoining Chart 400*.
Delete magenta limits and chart number, 2918, in positions:
0° 57'.50N., 97° 15'.00E.
1° 03'.00N., 97° 48'.50E.
Delete reference, (see Chart 2918), in positions:
0° 30'.00N., 97° 53'.00E.
1° 19'.40N., 97° 40'.50E.
- B.A. 3777 465/02 Insert reference, *Adjoining Chart 3737*, in S. border at longitude 50° 23'.00E.
Substitute the accompanying note, CHARTS 3719, 3776, 3788 AND 3790:
POSITIONS, for existing note, CHARTS 3719, 3776,3788, 3790, AND 3792:
POSITIONS, in position 26° 26'.78N., 50° 29'.05E.
Delete magenta limit and chart reference, 3792 (see Note-Positions), in position 26° 25'.65N., 50° 18'.00E.
- B.A. 3788 465/02 Insert magenta limit and chart reference, 3738 (*see Note-POSITIONS*), as follows:
North: 26° 34'.86N East: -
South: - West: 50° 38'.96E.
Amend reference to, *Adjoining Chart 3790* (*see Note-POSITIONS*), in S. border
at longitude 50° 35'.0E. and E. border at latitude 26° 35'.00N.
Substitute the accompanying note, CHARTS 3738, 3777 AND 3790:
POSITIONS, for existing note, CHARTS 3777 AND 3790: POSITIONS, in
position 26° 29'.85N., 49° 36'.05E.
Delete magenta limit and chart number, 3792, in position
26° 25'.78N., 50° 49'.95E.
- B.A. 3790 302/02 Insert magenta limit and chart reference, 3737 (*see Note-POSITIONS*), as follows:
North: 26° 25'.20N East: 50° 47'.16E.
South: 26° 07'.90N West: 50° 18'.76E.
Insert magenta limit and chart reference, 3738 (*see Note-POSITIONS*), as follows:
North: 26° 34'.90N East: 51° 03'.96E.
South: 26° 01'.90N West: 50° 38'.96E.
Substitute the accompanying note, CHARTS 2523, 3737, 3738,3777, 3788 AND
3791: POSITIONS, for existing note, CHARTS 2523, 3777, 3788 AND 3791:
POSITIONS, in position 25° 55'.70N., 51° 13'.12E.
Delete magenta limit and chart number, 3792, in position
26° 08'.40N., 50° 49'.40E.
Delete magenta limit and chart number, 3798, in position
26° 08'.40N., 51° 03'.50E.
- B.A. 3940 110/03 Insert reference, *Adjoining Chart 2139*, in N. border at longitude 101° 02'.5E.
Insert reference, *Adjoining Chart 2139*, in E. border at latitude 2° 46'.5N.
Delete magenta limit and chart number, 3453, in position 2° 49'.05N., 101° 08'.80E.
- B.A. 3945 110/03 Insert magenta limit and chart number, 2139, as follows:
North: 3° 27'.00N East: 101° 25'.80E.
South: - West: 100° 53'.50E.
Delete plan, Outer Approaches to Port Klang.
Delete magenta limit and reference, See Plan, in position 3° 13'.5N., 101° 00'.1E.

II

Delete magenta limit and chart number, 3453, in position 3° 15'.2N., 101° 09'.1E.

B.A. 3946 110/03 Insert magenta limit and chart number, 2139, as follows
North: - East: 101° 25'.80E.
South: 2° 39'.30N West: 100° 53'.50E.
Delete magenta limit and chart number, 3453, in position 2° 49'.2N., 101° 09'.0E.
(NHO Dehradun & B.A. Notices 595, 875 & 987/03: HJ/1132/68)

*126 (05/03) INDIA – West Coast – Gulf of Kachchh – Mundra Port – Light

Insert ☆*Fl*(2) *W* 15s 24m 23M
(chart 2068, ☆*Fl*(2) *W* 15s 25m 23M,
chart 203, ☆*Fl*(2) 15s 26m 23M (15M),
chart 2080, ☆*Fl*(2) 15s 24m 23M (15M),
chart 21, ☆*Fl*(2) 23M) (a) 22° 43'.85N., 69° 42'.37E.
Legend, Marine Contol Tower (b) close of (a) above
Delete ☆ 22° 44'.40N., 69° 42'.80E.

Chart [*Last correction*]: – 2021 [118/01] – 2068 [102/03] – 2080 [186/02] – 203 [102/03] – 21 [101/03]
Light list Vol F, 0362 (DLL Jamnagar: HJ/1131/20)

*127 (05/03) INDIA – West Coast – Gulf of Kachchh – Buoy

Cancel former INM 279 (T) of 2002

SONAR  *QR*. functioning normal 22° 41'.6N., 69° 35'.0E.

Chart [*Last correction*]: – 2068 [126/03] – 203 [126/03]
(Navarea VIII No. 115/03: HJ/1130/20)

*128 (05/03) INDIA – West Coast – Navibandar to Veraval – Conspicuous object – Water tank

Insert  (*conspic*) 21° 30'.024N., 69° 49'.082E.

Chart [*Last correction*]: – 205 [451/02] – 252 (INT 7325) [451/02]
(Hydrographic Note INS Nirdeshak: HJ/1131/10)

*129 (05/03) INDIA – West Coast – Jawaharlal Nehru Port – Turning Circles and buoys

Insert Turning circle radius 260metres, centred on: (a) 18° 56'.620N., 72° 56'.059E.
Turning circle radius 180metres, centred on: (b) 18° 56'.501N., 72° 56'.240E.
Starboard hand channel marking buoy (with topmark) (c) 18° 58'.78N., 72° 59'.09E.
Starboard hand channel marking buoy (with topmark) (d) 18° 58'.50N., 72° 58'.47E.
Port hand channel marking buoy (with topmark) (e) 18° 58'.70N., 72° 58'.60E.

Chart [*Last correction*]: – 2076 [416/02] – 2016 [80/03] – 255 (INT 7334) [79/03]
(ROS C(L) 2756 JNPT : HJ/1130/87)

*130 (05/03) INDIA – West Coast – Mormugao Harbour southwest wards – Wreck

Amend ++ *PA* to ++ *PA ED* 14° 49'.8N., 073° 11'.2E.

Chart [*Last correction*]: – 215 [262/01] – 257 (INT 7343) [32/03]
(Hydrographic Note, INS Nirdeshak: HJ/1030/56)

II

***131 (05/03) INDIA – East Coast – Kalingapatnam – Microwave tower, Lattice mast**

| | | | |
|--------|----------------------------------|-----|----------------------------|
| Insert | $\overline{\text{M}}(40)$ (BSNL) | (a) | 18° 20'.28N., 84° 07'.40E. |
| | \odot Lattice Mast PA | (b) | 18° 19'.06N., 84° 07'.86E. |

Chart [Last correction]: – **3024** [47/02] – **353** [308/02] – **354** (INT 7408) (b) [81/03]
 (Hydrographic Note INS Darshak: HJ/1029/85)

***132 (05/03) INDIA – East Coast – Hugli River – Buoys**

| | | | |
|------------|---|-----|----------------------------|
| Substitute | $\frac{\text{X}}{\text{R}}$ UBBS Fl(2) 10s, for UBBS port hand buoy (conventional) Fl(2) 10s | | |
| Move | MC IV buoy Fl(2) R 10s, from: | (a) | 22° 28'.58N., 88° 09'.60E. |
| | to: | (b) | 21° 47'.17N., 88° 03'.14E. |
| | U.S.F buoy QFl from: | (c) | 21° 47'.10N., 88° 03'.03E. |
| | to: | (d) | 21° 59'.42N., 88° 02'.82E. |
| | | (e) | 21° 59'.45N., 88° 02'.84E. |

Chart [Last correction]: – **3006** [421/02] – **3013** (d,e) [57/03] – **3011** (b-e) [83/03]
 (Kolkata Port Trust: HJ/1129/21)

133 (05/03) BURMA – Approaches to Rangoon River – Yangon – Light float

| | | | |
|--------|---|-----|------------------------------|
| Insert | $\frac{\text{X}}{\text{R}}$ Dagon Fl (3) 20s 35m 11M with Racon | (a) | 15° 59'.525N., 96° 14'.533E. |
| Delete | $\frac{\text{X}}{\text{R}}$ Dagon Fl (3) 20s 12m 11M with Racon | (b) | 16° 00'.000N., 96° 14'.200E. |

Chart [Last correction]: – **410** [274/02] – **411** [364/02] – **451** [58/03] – **452** [364/02]
 Light List No.F, 1078 (Myanmar N to M 1/03: HJ/1028/53)

III

TEMPORARY AND PRELIMINARY NOTICES

***134 (T) (05/03) INDIA – East Coast – Bay of Bengal – Seismic survey**

1. Seismic survey in the following area is in progress by MV Ramform Vanguard and will be completed by 01 May 2003.

(a) 15° 00'.00N., 80° 23'.00E.

(b) 15° 00'.00N., 81° 15'.00E.

(c) 14° 30'.00N., 81° 15'.00E.

(d) 14° 30'.00N., 82° 00'.00E.

(e) 15° 29'.00N., 82° 00'.00E.

(f) 15° 24'.80N., 81° 20'.30E.

(g) 15° 08'.10N., 80° 49'.70E.

(h) 15° 21'.40N., 80° 40'.70E.

(i) 15° 19'.80N., 80° 39'.90E.

(j) 15° 13'.20N., 80° 30'.50E.

2. All vessel operating in vicinity to keep well clear and exercise caution

Chart affected – 355 (INT 7403) – 356 – 31 – 32 – 7706 (INT 706)

(Navarea VIII 110/03: HJ/1029/59)

V

NAVIGATIONAL WARNINGS

Refer to Notice No. 12 (Special Edition, Notice to Mariners – 1999). Navigational Warning pertaining to Navigational Warning Area (NAVAREA VIII) is reproduced in this section. Text of NAVAREA VIII known to be cancelled prior to the date indicated are not given. Serial numbers only of Navigational warnings in force, pertaining to other NAVAREAS are given.

(1) Navarea I (N.E. Atlantic)
(28 Feb 2003)
060 Received

(2) Navarea II (E. Atlantic)
(28 Feb 2003)
Nil

(3) Navarea III (Mediterranean)
(28 Feb 2003)
70 Received

(4) Navarea IV (N.W. Atlantic)
(28 Feb 2003)
4 (11)

(5) Navarea V (W. Atlantic)
(28 Feb 2003)
Nil

(6) Navarea VI (S.W. Atlantic)
(28 Feb 2003)
Nil

(7) Navarea VII (S.E. Atlantic)
(28 Feb 2003)
Nil

(8) Navarea VIII (Indian Ocean)
(28 Feb 2003)
126 Received

2003 004 045 055 072 078 079 080 081 097 100 110 112 115 117 121 122 123 124 125 126

106 to 109. Cancelled.

110. India East Coast – Bay Of Bengal. Charts 31 32 355 356 INT 706. Seismic survey by MV Ramform Vanguard from 20 Feb to 30 Apr 2003 in area bounded by: 15-00.0N., 080-23.0E; 15-00.0N., 081-15.0E; 14-30.0N., 081-15.0E; 14-30.0N., 082-00.0E; 15-29.0N., 082-00.0E; 15-24.8N., 081-20.3E; 15-08.1N., 080-49.7E; 15-21.4N., 080-40.7E; 15-19.8N., 080-39.9E; 15-13.2N., 080-30.5E. All vessels operating in vicinity to keep well clear and exercise caution. Cancel this message on 01 May 2003.

111. Cancelled.

112. Refer Navarea VIII 078/2003. Rig Sagar Gaurav moved to new position 19 – 16.3N., 071 – 29.1E. Wide berth requested.

113 & 114. Cancelled.

115. India West Coast – Gulf Of Kachchh. Charts 21 203 2068 INT 72 INT 705. SONAR buoy in position 22-41.6N., 069-35.0E. functioning normal.

116. Cancelled.

117. India West Coast – Arabian Sea. Charts 21 204 252 292 INT 72 INT 705. A large cylindrical unlit object adrift in approximate position 22-45.7N., 069-10.6E. Dangerous to navigation. Mariners to exercise caution.

118 to 120. Cancelled.

V

121. India West Coast- Cochin. Charts 22 32 220 259 260 2004 INT 706. Firing exercise by coast battery between 0330 UTC and 1530 UTC on 28 Feb 2003 in area bounded by: 09-57.6 N., 075-59.5 E; 09-57.7 N., 076-14.2 E; 09-40.0 N., 076-14.5 E; 09-42.5 N., 076-09.5 E. Safe flying height 10,000 metres. Cancel this message on 01 Mar 2003.

122. India East Coast – Nizamapatnam. Charts 31 32 355 356 3008 3026 INT 706. Air to ground firing practice by Air Force station 15-50.5N., 080-29.5E. between 0130 UTC and 1630 UTC on 27 Feb and 28 Feb 2003 in sector of 60 NM radius between 100 degree and 210 degree. The air space within the specified area is unsafe without any height restrictions. Cancel this message on 01 Mar 2003.

123. India West Coast - Pigeon Island. Charts 22 216 257 INT 706. Firing exercise by Naval ships and aircrafts between 0230 UTC and 1130 UTC from 01 Mar to 07 Mar 2003 on Pigeon Island. Danger Area – Circle of 06 NM radius around the position 14 –01.0N., 074 –19.6E. Safe flying height 3,500 metres. Cancel this message on 08 Mar 2003.

124. India West Coast – Mormugao. Charts 22 214 215 257 INT 706. Air to ground firing practice on land and sea by aircrafts between 0230 UTC and 1230 UTC from 01 Mar to 07 Mar 2003 in area bounded by: 15-13.0N., 073-57.0E., 15-13.0N., 073-52.0E; 15-11.0N., 073-57.0E; 15-11.0N., 073-52.0E. Safe flying height 3,500 metres. Cancel this message on 08 Mar 2003.

125. Refer Navarea 118/2003. Towing operation will continue till 05 march 2003. Cancel this message on 06 Mar 2003.

126. India South East Coast- Tuticorin. Charts 32 224 262 INT 706. Mooring and installation of OTEC in progress in area bounded by: 08-23.0N., 078-33.0E; 08-25.0N., 078-33.0E; 08-25.0N., 078-38.0E; 08-23.0N., 078-38.0E. All vessels requested to give wide berth. Cancel this message on 15 May 2003.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea)
(28 Feb 2003)
Nil

(10) Navarea X (Australia, New Guinea)
(28 Feb 2003)
015

(11) Navarea XI (Malacca Strait, China Sea, N. Pacific)
(28 Feb 2003)
052

(12) Navarea XII (N.E.Pacific)
(28 Feb 2003)
7 (18) Received

(13) Navarea XIII (N.W.Pacific)
(28 Feb 2003)
Nil

(14) Navarea XIV (S.W. Pacific)
(28 Feb 2003)
020

(15) Navarea XV (S.E. Pacific)
(28 Feb 2003)
Nil

(16) Navarea XVI (E. Pacific)
(28 Feb 2003)
Nil

(17) Hydropacks
(28 Feb 2003)
32 (81) Received

(18) Hydrolants
(28 Feb 2003)
54 (35) Received

VII

CORRECTIONS TO LIST OF LIGHTS

Edition No. 05 dated 01 Mar 2003

| | | | | | | | |
|------------------|---|---|--------------|-----|-----|--|--|
| D 7073 | -NW side. Meteorological Station (F) | 15 53.0 54 30.9 | Fl W 4s | 15 | 11 | White pylon on building 10 | <i>fl 1. TE 2003</i> * |
| F 0362 | Marine Control Tower * | 22 43.9 69 42.4 * | Fl (2) W 15s | 25 | 23 | ... | <i>Fl 0.3, ec 3.5, fl 0.3, ec 10.9</i> |
| F 1078 | <i>DAGON Lt V</i> | 15 59.5 96 14.5 * | Fl (3) W 20s | 35 | 11 | Red hull and light-tower, white Dagon on side | Ra refl. Riding light F W. Racon. * |
| F 1228 | - Sunk Rock. Lts in line 324°. Front * * | 6 58.7 93 56.8 * * | Fl W 6s | ... | ... | ... | Not to be confused with Campbell Bay Harbour entrance Ldg Lts F1226 and F 1226.1. (T) 2002 * |
| F 1762 | <i>Remove from List</i> | | | | | | |
| F 1762.1 | <i>Remove from List</i> | | | | | | |
| F 9534.7 | <i>Remove from List</i> | | | | | | |
| F 9534.72 | <i>Remove from List</i> | | | | | | |
| F 9534.9 | <i>Remove from List</i> | | | | | | |
| F 9535.88 | <i>Remove from List</i> | | | | | | |
| F 9535.9 | <i>Remove from List</i> | | | | | | |
| K 1022 | Kasenga | 3 02.7 107 20.8 | Fl W 5s | 20 | 10 | White beacon, red bands 18 | <i>Fl 0.5. Reported TE 2003.</i> Racon. Reported TR 2003 * |

VIII

CORRECTION TO LIST OF RADIO SIGNALS

Edition No. 05 dated 01 Mar 2003

VOL. 1, 1987

(Last correction: Edition No. 04 dated 15 Feb 2003)

NIL

VOL. 2, 1995

(Last correction: Edition No. 01 dated 01 Jan 2003)

NIL

B.A. VOL. 3 Part 1, NP 283(1), 2002/03

(Last correction: Edition No. 23 dated 01 Dec 2002)

NIL

VOL. 5, 1997/98

(Last correction: Edition No. 03 dated 01 Feb 2003)

NIL

VOL. 6, 1987

(Last correction: Edition No. 03 dated 01 Feb 2003)

Page 44-45, BAHRAIN, MINA' SULMAN

Delete station header and replace by:

MINA' SALMAN

26° 12'N., 50° 37'E.

Pilots, delete TELEPHONE section and replace by:

TELEPHONE: Bahrain Pilots: +973 727136

ASRY Pilots: +973 671111

Page 45, PROCEDURE, delete sections (3), (4) and (5) and replace by:

(3) There are two pilotage authorities for Bahrain, both of which co-ordinate through Bahrain Port Control:

(a) Bahrain Pilots handle all vessels bound for the Khawr al Qulay'ah and the marine terminals of GIIC, ALBA and BAPCO.

(b) ASRY Pilots handle all vessels bound for the ASRY drydock.

(4) Vessels should send ETA and maximum draught at least 24h and 12h in advance.

(5) Pilot boards 0.3n miles SE of Sitrah Lt buoy.

Delete header Vessel Traffic Management System and replace by:

Vessel Traffic Service

Page 45, Vessel Traffic Service, PROCEDURE, section (1) Vessels Inward-Bound, section (b), delete No 3 Bn and replace by:

No 3 Lt buoy

Section (3) Vessels Outward-Bound, section (c), line 1. after Approach insert: Lt

VIII

REPORTING POINTS, *delete table and replace by:*

| Deep Draught Channel: | NE Approach Channel: |
|-------------------------------|-------------------------------|
| Bahrain Lt Buoy | Sitrah Inwards Lt buoy |
| No 3 Lt buoy | Vidal Lt buoy |
| Bahrain Approach Lt buoy | No 27 Lt buoy |
| No 14 Lt buoy | Sitrah Lt buoy |
| No 27 Lt buoy | Mina' Salman Approach Lt buoy |
| Sitrah Lt buoy | |
| Mina' Salman Approach Lt buoy | |

Page 45, Delete legend STATIONS USING SITRAH PILOTS: and replace by:

OTHER STATIONS USING BAHRAIN PILOTS:

(B.A. 07/03)

(05/03)

B.A. VOL. 7, 1997/98-PART 2

(Last correction: Edition No. 16 dated 15 Aug 2000)

NIL

VOL. 8, 1999

(Last correction: Edition No. 02 dated 15 Jan 2003)

NIL

To accompany Notice to Mariners (125/03)

On. B.A. Chart 2523

CHART 3790: POSITIONS

To agree with adjoining chart 3790, which is referred to Revised Nahrwan Datum, positions read from chart 2523 should be moved 0.10 minutes SOUTHWARD and 0.04 minutes WESTWARD.

On. B.A. Chart 3777

CHARTS 3719,3776,3788 AND 3790:
POSITIONS

To Agree with larger scale chart 3776, adjoining chart 3719 and small scale chart 3788, which are referred to Nahrwan Datum, positions read from chart 3777 should be moved 0.14 minutes SOUTHWARD and 0.05 minutes WESTWARD. To agree with smaller scale chart 3790, which is referred to Revised Nahrwan Datum, positions read from chart 3777 should be moved 0.10 minutes SOUTHWARD and 0.04 minutes WESTWARD.

On. B.A. Chart 3788

CHARTS 3738, 3777 AND 3790: POSITIONS

To agree with larger scale charts 3738 and 3777, which are referred to WGS 84 Datum, positions read from chart 3788 should be moved 0.14 minutes NORTHWARD and 0.05 minutes EASTWARD. To agree with the adjoining chart 3790, which is referred to Revised Nahrwan Datum, positions read from chart 3788 should be moved 0.04 minutes NORTHWARD and 0.01 minutes EASTWARD.

On. B.A. Chart 3790

CHARTS 2523, 3737, 3738, 3777, 3788 AND
3791: POSITIONS

To agree with larger scale chart 3737, 3738, 3777 and 3791 and adjoining chart 2523, which are referred to WGS 84 Datum, positions read from chart 3790 should be moved 0.10 minutes NORTHWARD and 0.04 minutes EASTWARD. To agree with adjoining chart 3788, which is referred to Nahrwan Datum, positions read from chart 3790 should be moved 0.04 minutes SOUTHWARD and 0.01 minutes WESTWARD.

On. B.A. Chart 646

CAUTION: SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as GPS, are normally referred to the WGS 84 Datum. The differences between satellite-derived positions and positions on this chart cannot be determined; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional information, particularly when closing the shore or navigating in the vicinity of dangers.

CHART 644: POSITIONS

To agree with smaller scale chart 644, which is referred to WGS 84 Datum, positions read from chart 646 should be moved 0.03 minutes NORTHWARD.