



INDIAN

CHARTS AND PUBLICATIONS

(ORIGINAL, AUTHENTIC AND MOST UP-TO-DATE)



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INDIAN NOTICES TO MARINERS

EDITION No. 22, DATED 15 NOV 2003

(Notices 399 - 414)

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- VII. Corrections to List of Lights.
- VIII. Corrections to List of Radio Signals.

Mariners are requested to notify the Chief Hydrographer to the Government of India, National Hydrographic Office, and Post Box No. 75, Dehradun -248001, INDIA 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 for 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.

I

INDEX OF CHARTS AFFECTED

(Edition No. 22 dated 15 Nov 2003)

INDIAN Chart No.	Folio No.	Notice No.	ADMIRALTY Chart No.	Folio No.	Notice No.
20	1	399, 411(P)	2887	40	411(P)
31	5	414(P)	2889	40	399, 411(P)
32 (INT 754)	5	404	3176	40	411(P)
211	3	412(P)	3179	40	399
212	3	401	3412	40	411(P)
226	4	404	3739 (INT 7220)	40	411(P)
255 (INT 7334)	3	412(P)	3831	45	405
264	4	404	3833	45	405, 406, 409
268 (INT 7353)	4	413(P)	3948	46	406
273	4	413(P)	3951	40	399
289	1	399, 411(P)	4030	45	408, 409
353	5	403	4031	45	408, 409
354 (INT 7334)	5	403	4032	46	408
2007	4	402, 413(P)	4035	45	407
2020	3	400	4038	46	408, 409
2022	3	400	4039	46	408, 409
2036	3	401	4040	46	408, 409
2078 (INT 7346)	3	400	4041	46	405
8004	1	411(P)	4042	46	405
			4043	46	405
			4044	46	410

II

PERMANENT NOTICES


399 (22/03) UNITED ARAB EMIRATES – Jazirat Dalma Eastwards and Creagh Shoal Northwestwards – Buoyage. Light-floats. Radar beacons.

Light List Vol D, 7368, 7369

Source: B.A Notice 4672/03

(HJ/1132/47)

Chart 20 [*previous update 389/03*]

Delete  *Q(9) Dalma* and associated radar beacon,
Racon(N) 24° 32'. 00N., 52° 28'.00E.






 *Fl.Creagh Shoal* and associated radar beacon,
Racon(C) 24° 43'. 20N., 52° 43'.10E.



Chart 289 [*previous update 318/03*]

Delete  *Q(9)15s12M Dalma* and associated radar beacon,
Racon(N) 24° 32'. 50N., 52° 27'.80E.



 *Fl. 10s 12M Creagh Shoal* and associated radar
beacon, *Racon(C)* 24° 43'. 20N., 52° 43'.10E.



B.A. Chart 2889 [*previous update 288/03*]

Substitute  *Q(9)15s Dalma* for  *Q(9) 12M Dalma Reef*
and associated symbol, radar reflector 24° 32'. 50N., 52° 27'.80E.



 *Q(9)15s Creagh shoal* for  *Fl.12M Creagh*
Shoal and associated symbol, radar reflector 24° 43'. 20N., 52° 43'.10E.

B.A. Chart 3179 [*previous update 34/03*]

Substitute  *Q(9)15s Dalma* for  *Q(9) 15s 12M Dalma*
Reef and associated symbol, radar reflector 24° 32'. 50N., 52° 27'.80E.

 *Q(9)15s Creagh shoal* for  *Fl.10s 12M Creagh*
Shoal and associated symbol, radar reflector 24° 43'. 20N., 52° 43'.10E.

B.A. Chart 3951 [*previous update 305/03*]

Substitute  *Q(9)15s Dalma* for  *Q(9) 15s 12M Dalma* 24° 32'. 39N., 52° 27'.74E.

***400 (22/03) INDIA – West Coast – Port of Mormugao –Buoy.**

Source: Mormugao Port Trust

(HJ/1030/56)

Chart 2020 [*previous update 368/03*]

Delete  15° 23'. 95N., 73° 46'.83E.

Chart 2022 [*previous update 309/03*]


Delete  15° 23'. 96N., 73° 46'.91E.

Chart 2078 (INT 7346) [*previous update 368/03*]

Delete  15° 23'. 96N., 73° 46'.91E.

II

401 (22/03) INDIA – West Coast – Murud Janjira Harbour to Ratnagiri – Wreck.

Source: RoS INS Nirdeshak C(N) 451
(HJ/1030/87)

Chart 212 [*previous update 362/03*]

Delete			18° 18'. 44N., 72° 55'.54E.
	 PA		17° 16'. 94N., 72° 58'.04E.

Chart 2036 [*previous update 331/01*]

Delete			18° 18'. 44N., 72° 55'.54E.
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402 (22/03) INDIA – Lakshadweep – Androth Island – Light.

Source: NHO, Dehradun
(HJ/1030/06)

Chart 2007 [*previous update 392/03*]

Amend	light to, <i>Fl(2)10s 35m 16M</i>	10° 48'. 76N., 73° 42'.08E.
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403 (22/03) INDIA – East Coast – Kalingapatnam Southeastwards to Puri Northeastwards – Depths. Landmark.

Source: B.A Notice 4820/03
(HJ/1029/85)

Chart 353 [*previous update 131/03*]

Insert	depth <i>21₅</i>	19° 55'. 0N., 86° 25'.3E.
	depth <i>16₂</i> enclosed by 20m contour	19° 54'. 0N., 86° 20'.5E.
	depth <i>16₈</i> enclosed by 20m contour	19° 51'. 6N., 86° 16'.0E.
	depth <i>6₈</i>	(a) 18° 20'. 7N., 84° 08'.9E.
	depth <i>15₆</i>	(b) 18° 17'. 9N., 84° 08'.6E.
Delete	depth <i>8₂</i> , close NW. of:	(a) above
	depth <i>18₃</i> , close SW. of:	(b) above

Chart 354 (INT 7408) [*previous update 350/03*]

Insert	depth <i>6₈</i>	(a) 18° 20'. 7N., 84° 08'.9E.
	depth <i>15₆</i>	(b) 18° 17'. 9N., 84° 08'.6E.
Delete	depth <i>8₂</i> , close NW. of:	(a) above
	depth <i>18₃</i> , close SW. of:	(b) above

II

404 (22/03) SRILANKA – West Coast – Dondra Head – Radar beacon.

Light List Vol. F, 0836

LRS Vol 2, 7950

Source: B.A Notice 4724/03

(HJ/929/59)

Chart 32 (INT 754) [*previous update 238/03*]

Amend radar beacon to, Racon (C), at light 5° 55'. 20N., 80° 35'.50E.

Chart 226 [*previous update 306/89*]

Amend radar beacon to, Racon (C), at light 5° 55'. 20N., 80° 35'.50E.

Chart 264 [*previous update 419/02*]


Amend radar beacon to, Racon (C), at light 5° 55'. 20N., 80° 35'.50E.

405 (22/03) SINGAPORE STRAIT – Singapore – Changi Southwards – Buoyage.

Source: B.A Notice 4750/03

(HJ/927/15)

B.A. Chart 3831 [*previous update 248/03*]

Insert  Fl.Y.2s CNB-1 1° 18'.24N., 104° 00'.99E.

 Fl.Y.2s CNB-2 1° 18'.11N., 104° 01'.20E.

 Fl.Y.4s CNB-3 1° 18'.14N., 104° 02'.41E.

 Fl.Y.4s CNB-4 1° 18'.72N., 104° 02'.40E.

B.A. Chart 3833 [*previous update 395/03*]


Insert  Fl.Y.2s CNB-1 1° 18'.24N., 104° 00'.99E.


 Fl.Y.2s CNB-2 1° 18'.11N., 104° 01'.20E.

B.A. Chart 4041 [*previous update 372/03*]

Insert  Fl.Y.2s CNB-1 1° 18'.24N., 104° 00'.99E.

 Fl.Y.2s CNB-2 1° 18'.11N., 104° 01'.20E.

 Fl.Y.4s CNB-3 1° 18'.14N., 104° 02'.41E.

 Fl.Y.4s CNB-4 1° 18'.72N., 104° 02'.40E.

B.A. Chart 4042 [*previous update 248/03*]

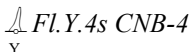
Insert  Fl.Y.4s CNB-3 1° 18'.14N., 104° 02'.41E.

 Fl.Y.4s CNB-4 1° 18'.72N., 104° 02'.40E.

II

405 (22/03) SINGAPORE STRAIT – Singapore – Changi Southwards – Buoyage (continued).

B.A. Chart 4043 [previous update 280/03]

Insert		1° 18'.24N., 104° 00'.99E.
		1° 18'.11N., 104° 01'.20E.
		1° 18'.14N., 104° 02'.41E.
		1° 18'.72N., 104° 02'.40E.

406 (22/03) INDONESIA – Sumatera – East Coast – Gosong-Gosong Timur Eastwards, Penyaitlayar Westwards and Tanjung Gundap Southeastwards – Buoyage.

Source: B.A Notice 4749/03

(HJ/927/05)

B.A. Chart 3833 [previous update 395/03]

Insert		0° 59'.00N., 104° 00'.79E.
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B.A. Chart 3948 [previous update 376/03]

Insert		0° 41'.83N., 103° 58'.42E.
		0° 52'.17N., 104° 00'.84E.
		0° 54'.33N., 104° 00'.75E.

407 (22/03) SINGAPORE – Cruise Bay – Mooring buoys.

Source: B.A Notice 4748/03

(HJ/927/15)

B.A. Chart 4035 [previous update 375/03]



Delete		1° 15'.57N., 103° 48'.99E.
		1° 15'.56N., 103° 48'.95E.
		1° 15'.61N., 103° 48'.80E.

408 (22/03) SINGAPORE – Jurong Island Southwards – Sinki Fairway – Buoyage.

Source: B.A Notice 4747/03

(HJ/927/16)

B.A. Chart 4030 [previous update 395/03]

Move		1° 13'.50N., 103° 40'.12E.
	to:	1° 13'.52N., 103° 40'.16E.
		1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

II

408 (22/03) SINGAPORE – Jurong Island Southwards – Sinki Fairway – Buoyage (continued).

B.A. Chart 4031 [previous update 395/03]

Move	$\frac{\Delta}{Y}$ Fl.Y.4s PKDBH-1, from:	1° 13'.50N., 103° 40'.12E.
	to:	1° 13'.52N., 103° 40'.16E.
	$\frac{\Delta}{Y}$ Fl.(4)Y. 15s PKDBH-9, from:	1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

B.A. Chart 4032 [previous update 295/03]

Move	$\frac{\Delta}{Y}$ Fl.(4)Y. 15s PKDBH-9, from:	1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

B.A. Chart 4038 [previous update 395/03]

Move	$\frac{\Delta}{Y}$ Fl.Y.4s PKDBH-1, from:	1° 13'.50N., 103° 40'.12E.
	to:	1° 13'.52N., 103° 40'.16E.
	$\frac{\Delta}{Y}$ Fl.(4)Y. 15s PKDBH-9, from:	1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

B.A. Chart 4039 [previous update 296/03]

Move	$\frac{\Delta}{Y}$ Fl.Y.4s PKDBH-1, from:	1° 13'.50N., 103° 40'.12E.
	to:	1° 13'.52N., 103° 40'.16E.
	$\frac{\Delta}{Y}$ Fl.(4)Y. 15s PKDBH-9, from:	1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

B.A. Chart 4040 [previous update 395/03]

Move	$\frac{\Delta}{Y}$ Fl.Y.4s PKDBH-1, from:	1° 13'.50N., 103° 40'.12E.
	to:	1° 13'.52N., 103° 40'.16E.
	$\frac{\Delta}{Y}$ Fl.(4)Y. 15s PKDBH-9, from:	1° 13'.18N., 103° 40'.27E.
	to:	1° 13'.20N., 103° 40'.32E.

409 (22/03) SINGAPORE STRAIT– Singapore – Raffles Shoal Northwestwards – Sudong Holding Anchorage – Wreck.

Source: B.A Notice 4746/03

(HJ/927/16)

B.A. Chart 3833 [previous update 406/03]

Insert	$\textcircled{23}$ Wk	1° 11'.97N., 103° 40'.27E.
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B.A. Chart 4030 [previous update 408/03]

Insert	$\textcircled{23}$ Wk	1° 11'.97N., 103° 40'.27E.
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B.A. Chart 4031 [previous update 408/03]

Insert	$\textcircled{23}$ Wk	1° 11'.97N., 103° 40'.27E.
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II

409 (22/03) SINGAPORE STRAIT– Singapore – Raffles Shoal Northwestwards – Sudong Holding Anchorage – Wreck (continued).

B.A. Chart 4038 [*previous update 408/03*]

Insert



1° 11'.97N., 103° 40'.27E.

B.A. Chart 4039 [*previous update 408/03*]

Insert



1° 11'.97N., 103° 40'.27E.

B.A. Chart 4040 [*previous update 408/03*]

Insert



1° 11'.97N., 103° 40'.27E.

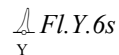
410 (22/03) JOHOR STRAIT – Singapore – T. Punggol Northwards – Buoy.

Source: B.A Notice 4722/03

(*HJ/927/16*)

B.A. Chart 4044 (plan B. Johor Port) [*previous update 280/03*]

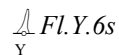
Delete



1° 25'.39N., 103° 54'.56E.

B.A. Chart 4044 [*previous update 280/03*]

Delete



1° 25'.39N., 103° 54'.56E.

III

TEMPORARY AND PRELIMINARY NOTICES

411 (P) (22/03) UNITED ARAB EMIRATES – Mina' Jabal 'Ali Northeastwards and Northwestwards – Reclamation areas. Restricted areas. Buoyage. Submarine cables.

Source: B.A. Notice 4673(P)/03

(HJ/1132/54)

1. Major reclamation works for the two Palm Island development projects, 'Palm Jumeirah' (Palm Island 1) and 'Palm Jebel Ali' (Palm Island 2), are underway in the vicinity of positions 25°07'.00N., 55°08'.00E. and 25°01'.50N., 54°58'.30E. respectively.
2. To maintain safety and assist craft working on these projects, two exclusion zones have been established.
3. The exclusion zone surrounding 'Palm Jumeirah' is 2.5M radius centred on a temporary light-beacon in position 25°07'.86N., 55°06'.97E. Mariners are to keep at least 3M seaward of this light-beacon. Within this restricted area other temporary beacons and light-buoys have been established.
4. The exclusion zone surrounding 'Palm Jebel Ali' is bounded by the following positions:
24°57'.88N., 54°57'.78E. (shore)
25°00'.30N., 54°55'.10E.
25°03'.80N., 54°58'.80E.
25°01'.30N., 55°01'.50E.
24°59'.48N., 55°01'.52E. (light, Al.WR.2s8M)
The outer perimeter of this zone will be marked by light-buoys in due course.
5. Mariners are to exercise special care in the vicinity of 25°03'.30N., 55°00'.60E. where barge and construction traffic cross the Jabal 'Ali Approach Channel.
6. The two submarine cables which leave the UAE coast in position 24°59'.19N., 55°01'.15E. have been relocated to avoid the 'Palm Jebel Ali' development.
7. The new routes for these two cables join the following positions:
Fibre Optic Gulf (FOG) Cable.
24°59'.19N., 55°01'.15E. (shore)
24°59'.30N., 55°01'.09E.
24°59'.78N., 55°01'.45E.
25°01'.21N., 55°01'.91E.
25°02'.12N., 55°01'.36E.
25°02'.60N., 55°00'.36E.
25°02'.70N., 54°59'.20E.
25°02'.37N., 54°58'.12E.
25°01'.17N., 54°56'.34E. (existing cable)
8. **Abu Dhabi – Dubai Diversity Cable.**
24°59'.19N., 55°01'.15E. (shore)
24°59'.30N., 55°01'.09E.
24°59'.79N., 55°01'.43E.
25°01'.22N., 55°01'.84E.
25°02'.02N., 55°01'.28E.
25°02'.51N., 55°00'.28E.
25°02'.59N., 54°59'.18E.
25°02'.26N., 54°58'.17E.
25°01'.14N., 54°56'.51E.
24°59'.90N., 54°55'.23E. (existing cable)
9. The replaced cables have been recovered and re-laid on the new routes above. Mariners are advised not to anchor or trawl in the vicinity of submarine cables.

III

411 (P) (22/03) UNITED ARAB EMIRATES – Mina' Jabal 'Ali Northeastwards and Northwestwards – Reclamation areas. Restricted areas. Buoyage. Submarine cables (continued).

10. For further information mariners should refer to Navigational Warnings issued by the Control and Marine Guidance Office of the Ports, Customs and Free Zone Corporation.
11. Charts will be updated when the work is complete.
12. Former Notice 312(P)/03 is cancelled.

Charts affected: 20 – 289 – 8004 – B.A. 2887 – 2889 – 3176 – 3412 – 3739 (INT 7220)

***412 (P) (22/03) INDIA – West Coast – Off Mumbai – Lighterage Operation.**

Source: SCI, Mumbai
(HJ/1030/87)

1. Lighterage Operation at LPO Mumbai is resumed.
2. The location of the lighterage area is within 2 miles radius of 18°56'.00N., 72°24'.00E.
3. All tankers at LPO Mumbai are to maintain VHF channel 06 and give wide berth.
4. Former Notice 249(T)/03 is cancelled.

Charts affected: 211 – 255 (INT 7334)

***413 (P) (22/03) INDIA – Lakshadweep – Androth Island – Breakwater. Beacon.**

Source: RoS D(N) – 167, INS Sutlej.
(HJ/1030/06)

1. A new breakwater at position 10°48'.89N., 73°40'.57E. of approx length 530m and width 07m is under construction.
2. A beacon is installed at the seawards end of the breakwater in position 10°49'.31N., 73°40'.70E. with characteristics Fl 4s.

Charts affected: 268 (INT 7353) – 273 – 2007

***414 (P) (22/03) INDIA – East Coast – Off Paradip – Databuoy.**

Source: Hydrographic Note, INS Darshak.
(HJ/1029/82)

1. It has been reported by mariners that data collecting buoy DS 4 has been sighted at position 18°26'.27N., 87°36'.02E.
2. Mariners are advised to exercise caution while navigating in this area.
4. Refer former Notice 341(T)/03.

Charts affected: 31

IV

MARINE INFORMATION

SHIP REPORTING SYSTEM (INDSAR)

Ship reporting system INDSAR for ships in Indian SRR (Indian Search and Rescue Region) activated w.e.f 01 Feb 2003 at no cost to mariners for safety of life at sea. Timely position reporting is critical for quick response. Mariners in ISRR requested to pass position to MRCC Mumbai on INMSAT code 43.

MRCC Mumbai contact details

Tel : 022-24376133
Fax : 022-24333727
INMARSAT : 00583 441 907 210
E-mail : indsar@vsnl.net

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)
(15 Nov 2003)
421 Received
- (2) Navarea II (E. Atlantic)
(15 Nov 2003)
Nil
- (3) Navarea III (Mediterranean)
(15 Nov 2003)
741 Received
- (4) Navarea IV (N.W. Atlantic)
(15 Nov 2003)
409 (11) Received
- (5) Navarea V (W. Atlantic)
(15 Nov 2003)
Nil
- (6) Navarea VI (S.W. Atlantic)
(15 Nov 2003)
Nil
- (7) Navarea VII (S.E. Atlantic)
(15 Nov 2003)
149 Received
- (8) Navarea VIII (Indian Ocean)
(15 Nov 2003)
627 Received

2003: 559 583 587 593 604 607 609 610 613 616 617 618 619 620 621 623 624 625 626.

594 to 603. Cancelled.

604. India West Coast – Murud Janjira. Charts 21 22 212 256 INT 705 INT 706. Seismic survey by MV C-Orion from 05 Nov to 25 Nov 2003 in area bounded by: 17 –41.9N., 072-19.8E; 17-41.9N., 072-40.1E; 17 –35.0N., 072-19.8E; 17-35.0N., 072-40.1E. Vessel towing 6 x 5000 metres long streamer cable. All vessels operating in vicinity to give wide berth and exercise caution. Cancel this message on 26 Nov 2003.

605 & 606. Cancelled.

607. India West Coast – Arabian Sea. Charts 21 210 254 292 INT 705 INT 706. Seismic survey in progress by MV C Explorer from 07 Nov to 30 Nov 2003 in area bounded by: 19-57.8N., 071-42.3E; 20-05.0N., 071-39.0E; 20-09.8N., 071-50.5E; 20-10.9N., 071-50.3E; 20-18.6N., 072-08.6E; 20-13.4N., 072-09.3E; 20-06.8N., 071-53.6E; 20-03.2N., 071-55.2E. Vessel towing 3 x 4000 metres long streamer cables with tail buoy at the end. All vessels operating in vicinity to exercise caution and requested to give wide berth. Cancel this message on 01 Dec 2003.

608. Cancelled.

609. Cancel navarea 578 of 2003. India West Coast. Charts 21 22 209 210 211 218 255 258 INT 706. Present position of oil rigs as on 01 Nov 2003 as follows:

- a) Kedarnath 19-29.8N., 071-54.9E.
- b) Badrinath 12-06.1N., 074-36.6E.
- c) Pride Pennsylvania 18-38.8N., 072-14.9E.

V

d) Hitdrill	19-21.9N., 071-12.6E.
e) Edholt	19-31.8N., 071-22.3E.
f) Trident-II	19-29.7N., 071-22.9E.
g) Trident-12	19-18.9N., 071-18.6E.
h) Ida	19-38.9N., 071-21.0E.
i) CE Thornton	19-40.8N., 071-44.7E.
j) JT Angel	19-19.9N., 071-20.0E.
k) Frontier Ice	19-03.1N., 072-10.6E.
l) FG MC Clintok	19-22.1N., 071-26.1E.
m) PN III	19-25.6N., 071-16.2E.
n) Pride West Virginia	19-16.3N., 071-29.1E.
o) DS Matdrill	20-51.1N., 071-59.5E.
p) Sagar Pragati	19-36.1N., 071-21.1E.
q) Sagar Shakti	19-25.2N., 071-17.0E.
r) Sagar Jyoti	18-40.4N., 072-21.5E.
s) Sagar Ratna	19-36.6N., 071-22.9E.
t) Sagar Kiran	19-25.1N., 071-21.1E.
u) Sagar Laxmi (EPS)	18-55.8N., 072-18.4E.
v) Sagar Uday	19-28.4N., 071-12.6E.
w) Sagar Gaurav	18-47.2N., 072-19.5E.
x) Ron Tappmeyer	19-20.8N., 071-22.1E.
y) Sagar Bhushan	18-27.1N., 070-29.7E.
z) Sagar Samarat	20-18.8N., 071-50.9E.

Wide berth requested.

610. Cancel navarea 540 of 2003. India East Coast. Charts 31 32 301 315 317 351 355 358 INT 706. Present position of oil rigs as on 01 Nov 2003 as follows:

a) Aban -II	09 -42.6N., 079-06.9E.
b) Sagar Vijay	16 -32.0N., 082-33.0E.
c) Transocean Nordic	20-44.0N., 087-54.0E.

Wide berth requested.

611 & 612. Cancelled.

613. India West Coast – Approaches to Mumbai. Charts 21 22 211 255 292 INT 705 INT 706. Seismic Survey in progress by MV Geobaltic from 08 Nov to 06 Dec 2003 in area bounded by 18-47.1N., 072-05.4E; 18-39.0N., 071-43.4E; 18-37.5N., 072-09.4E; 18-29.5N., 071-47.2E. Vessel towing 4 X 5500 metres long streamer cables with yellow buoy at the end. All vessels operating in vicinity to keep well clear and exercise caution and requested to give wide berth. Cancel this message on 07 Dec 2003.

614 & 615. Cancelled

616. Indian Ocean – Off Mauritius. Charts INT 70 INT 71 INT 72 INT 73. Submarine telephone cable repair in progress by C/S Chamarel in following positions.

A)	20-53.0S	057-57.0E
B)	20-52.8S	058-05.0E
C)	20-46.0S	058-14.0E

All vessels to give wide berth and exercise caution.

617. India West Coast- Cochin. Charts 22 32 220 259 260 2004 2029 INT 706 . Firing exercise by coast battery between 0330 UTC and 1530 UTC from 17 Nov to 30 Nov 2003 in area bounded by 09-57.6N., 075-59.5E; 09-57.7N., 076-14.2E; 09-40.0N., 076-14.5E; 09-42.5N., 076-09.5E. Safe flying height 10000 metres. Cancel this message on 01 Dec 2003.

618. India West Coast –Mormugao. Charts 22 214 215 257 2009 INT 706. Firing practice by Naval Aircrafts between 0230 UTC and 1230 UTC from 14 Nov to 21 Nov 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 3500 metres. Cancel this message on 22 Nov 2003.

619. India West Coast – Pigeon Island . Charts 22 216 257 2072 INT 706. Firing exercise by Naval Ships and

V

Aircrafts between 0230 UTC and 1130 UTC from 15 Nov to 21 Nov 2003 on Pigeon Island. Danger area – circle of 25 NM radius around the position 14-01.0N., 074-19.6E. Safe flying height 3500 metres. Cancel this message on 22 Nov 2003.

620. India West Coast – Arabian Sea. Charts 21 22 253 255 292 INT 705. Seismic Survey by RV Veritas Searcher from 16 Nov to 13 Dec 2003 in area bounded by 20-16.7N., 069-59.1E; 19-06.9N., 070-20.3E; 19-00.0N., 070-27.0E; 19-00.0N., 070-37.0E; 19-29.0N., 070-37.0E; 19-22.8N., 070-50.0E; 20-00.0N., 070-50.0E; 20-00.0N., 071-04.0E; 20-18.0N., 070-52.2E. Vessel towing 6000 metres long streamer cable. All vessels operating in vicinity to exercise caution and give wide berth. Cancel this message on 14 Dec 2003.

621. India West Coast – Rozi Anchorage. Charts 203 2027 2080 INT 705. Kalvan light 22-35.4N., 070-02.8E unlit

622. Cancelled

623. India West Coast. Charts 21 22 255 292 INT 706. Rig Randolph yost in position 19-19.4N., 071-23.4E. Wide berth requested.

624. India West Coast – Approaches to Mumbai. Charts 21 22 211 255 292 INT 705 INT 706. Lighterage operation in progress in area of 2 NM radius of position 18-56.0N., 072-24.0E. All vessels in vicinity requested to give wide berth and navigate with caution.

625. India West Coast – Gulf of Khambhat. Charts 21 208 254 292 INT 705 INT 706. Following lights withdrawn permanently

- (a) Bhavnagar Old Port Light 21-48.3N., 072-09.2E.
- (b) Johnston Point Light 21-48.6N., 072-12.0E.

626. Andaman Sea – India Andaman Islands. Charts 41 404 405 472 473 4016 INT 706. Firing exercise by Naval ships between 0730 UTC and 0830 UTC on 18 Nov 2003 in area bounded by: 11-39.0N., 092-49.0E; 11-39.0N., 093-03.0E; 11-24.0N., 093-03.0E; 11-24.0N., 092-49.0E. Safe flying height 9,200 metres. Cancel this message on 19 Nov 2003.

627. Cancelled

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea)
(15 Nov 2003)
237 Received

(10) Navarea X (Australia, New Guinea)
(15 Nov 2003)
031 Received

(11) Navarea XI (Malacca Strait, China Sea, N. Pacific)
(15 Nov 2003)
0552 Received

(12) Navarea XII (N.E.Pacific)
(15 Nov 2003)
283 (Gen) Received

(13) Navarea XIII (N.W.Pacific)
(15 Nov 2003)
Nil

(14) Navarea XIV (S.W. Pacific)
(15 Nov 2003)
103

V

(15) Navarea XV (S.E. Pacific)
(15 Nov 2003)
Nil

(16) Navarea XVI (E. Pacific)
(15 Nov 2003)
Nil

(17) Hydropacs
(15 Nov 2003)
1741 (96) Received

(18) Hydrolants
(15 Nov 2003)
1898 (55) Received

CORRECTION TO SAILING DIRECTIONS

INP 1 West Coast of India Pilot (1981 Edition)

Coondapoor

114

R 18, *Insert*

The port is seasonal and is open to traffic from 16 Sep to 15 May every year.

Coondapoor

115

L 1, *Insert*

Of Late the traffic at the port has declined considerably and the traffic handled during 1998-99 is nil.

L 3, *Insert*

No tugs are available.

L 17, *Replace by*

The nearest Railway Station is Coondapoor at a distance of 25 Kms from the port

L 19, *Insert*

The Port is linked to NH-17 by road which is 5 Kms away

(INS Jamuna)

(22/03)

VII

CORRECTIONS TO LIST OF LIGHTS

Edition No. 22 dated 15 Nov 2003

D 6518	--2nd Ldg Lts 070°. Water Intake Jetty. Head. Front	25 57.1 32 31.3	Iso G 4s	12	10	Roof of pump house	Vis 050°-090°(40°). Unreliable (T) 2003. F R lights, 90m apart, mark the jetty	*
D 7368	<i>Remove from List</i>							
D 7369	<i>Remove from List</i>							
D 7405.6	<i>Remove from List</i>							
D 7405.61	<i>Remove from List</i>							
E 6039	Qad Ibun Haddan	27 48.3 34 06.0	Fl W 10s	47	22	White □ on framework tower 39	Racon. TR 2003. TE 1992	*
E 6040	Ras Umm Sidd	27 51.0 34 18.9	Fl(3)W 20s	45	22	White □ on framework tower 17	Racon. TR 2003. TE 1999. R lights on radio mast 2.4M NNW	*
E 8165	- BELAYIM OILFIELD. Sheratib Shoals. Petrobel D 10	28 37.2 33 06.7	Q(9)W 15s	23	15	Platform	Racons. TR 2003. Other installations, marked by Mo(U)W lights, exist in this field	*
F 0378	Pirotan Island. 1.4M NE (Mawadi Point)	22 37.2 69 58.3	Fl R 10s	5	5	White pyramidal concrete tower, red bands 8	<i>fl l.</i> TE 2003	*
F 0735.95	- Eastwards. <i>ODAS SW 5</i>	8 47.4 78 21.0	Fl(5)W 20s	Yellow superbuoy	Ra refl	*
*	*	*	*	*	*	*		*
F 0759	- Westwards. <i>ODAS DS 6A</i>	8 21.3 72 42.8	Fl W 4s	...	4	Yellow buoy	Ra refl	*
*	*	*	*	*	*	*		*
F 0933	- Eastwards. <i>ODAS</i>	12 31.0 84 58.6	Fl W 5s	...	4	...	(T) 2003	*
*	*	*	*	*	*	*		*
F 0945.8	- Southeastwards. <i>ODAS</i>	13 11.1 80 23.3	Fl W 5s	...	4	...	(T) 2003	*
*	*	*	*	*	*	*		*

VII

F 1005	- Southeastwards. <i>ODAS</i>	18 26.6 87 35.2	Fl W 5s	...	4	...	(T) 2003
*	*	*	*	*	*	*	*
F 1054	Kutubdia Island	21 51.8 91 50.7	Fl(3)W 10s	39	20	Red and white □ on metal framework tower	<i>(fl 0.22, ec 1.44)x2. fl 0.22, ec 6.46. Racon</i> *
F 1202.68	Wilson Island	12 08.7 92 57.5	Fl(2) W 20s	...	10	White frame work tower red bands 12	<i>fl 0.5, ec 1, fl 0.5, ec 18</i> *
F 1215	Andaman Islands. Westwards. <i>ODAS</i>	12 08.6 90 46.2	Fl W 5s	...	4	...	(T) 2003
*	*	*	*	*	*	*	*
F 1245	Pulau Ilir	1 15.9 98 49.1	Fl W 9s	94	24	White metal framework structure	*
K 1034	Gosong Mampango	3 34.8 109 10.1	Fl W 5s	13	12	White metal framework tower, red bands 20	Ra refl. Racon. TE 2003 *
K 1074	- W Mole. Head	6 04.8 106 52.8	Fl G 5s	22	12	Δ on green beacon 20	<i>fl 1. Damaged; replaced by unlit green beacon (T) 2003</i> *

VIII

CORRECTION TO LIST OF RADIO SIGNALS

Edition No. 22 dated 15 Nov 2003

VOL. 1, 1987

(Last correction: Edition No. 16 dated 15 Aug 2003)

NIL

VOL. 2, 1995

(Last correction: Edition No. 19 dated 01 Oct 2003)

NIL

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

(Last correction: Edition No. 19 dated 01 Oct 2003)

NIL

VOL. 5, 1997/98

(Last correction: Edition No. 18 dated 15 Sep 2003)

NIL

VOL. 6, 1987

(Last correction: Edition No. 18 dated 15 Sep 2003)

NIL

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. 20 dated 15 Oct 2003)

NIL