



Australian Notices to Mariners are the authority for correcting Australian Charts and Publications

AUSTRALIAN NOTICES TO MARINERS

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Notices 417 - 458

Published fortnightly by the Australian Hydrographic Service

R. NAIRN
Hydrographer of Australia

- SECTIONS.**
- I. Australian Notices to Mariners, including blocks and notes.**
 - II. Amendments to Admiralty List of Lights and Fog Signals, Vol K**
 - III. Navigational Warnings.**
 - IV. Hydrographic Reports.**
 - V. Amendments to Admiralty List of Radio Signals (NP 281(2), 282, 283(2), 285, 286(4))**
 - VI. Amendments to Admiralty Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136)**

[British Admiralty Notices to Mariners](#)

[New Zealand Notices to Mariners](#)

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star () adjacent to the number of a notice indicates that the notice is based on original information.*

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4221 8599, e-mail Hydro.NTM@defence.gov.au or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

Copies of these notices can be obtained from the AUSTRALIAN HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong; Distributors for the sale of Australian Navigational Products; AHS website www.hydro.gov.au or register for eNotices at www.hydro.gov.au/enotices/enotices.htm.

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This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS does not accept liability for errors in third party information.

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25 May 2007

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417 AUSTRALIA - Products

AHS (A242191, A243185)

New Electronic Navigation Chart (Seafarer ENC)

Cell Name	Released	Title
AU5198X9	May 2007	Botany Bay and Port Hacking
AU5XX154	May 2007	Port Phillip Bay - Port Melbourne

418 AUSTRALIA - Amendment to Australian Notice to Mariners No 9

DoD (A237659, A237660)

Page 48 Swanbourne firing area

Amend geographic positions to read:

(a) 31° 57' 05" S 115° 45' 14" E along the coast to	(b) 31° 58' 22" S 115° 45' 15" E
(c) 31° 58' 54" S 115° 44' 36" E	(d) 31° 58' 54" S 115° 43' 21" E
(f) 31° 56' 33" S 115° 44' 54" E	(e) 31° 56' 33" S 115° 43' 21" E

419 AUSTRALIA - Amendment to Australian Seafarers Handbook AHP 20

AHS (A241277, A241278)

"AUSTRALIA - AUSTRALIAN SEAFARERS HANDBOOK - Renumbering of reference Annual Australian Notices to Mariners

Australian Annual Notices to Mariners Number 28

Page 68 paragraph 2

Delete paragraph Australian Annual Notices Office website.

Page 79 last paragraph

Delete last line (see Australian Annual Notices to Mariners No.28).

Depiction of Zones on Australian Navigational Charts

Page 76 paragraph 3

Amend to read Australian Annual Notices to Mariners Number 17 (see**420* AUSTRALIA - NEW SOUTH WALES - Port Kembla - Berth designation**

Port Kembla Local Marine Notice 005/06 (A213534)

Aus 195 (plan, Port Kembla) [1079/2006]

Insert	berth desig 206	34° 28'.290 S	150° 54'.670 E
	berth desig 205	34° 28'.130 S	150° 54'.135 E
	berth desig 204	34° 28'.105 S	150° 54'.125 E
	berth desig 203	34° 28'.105 S	150° 54'.235 E
	berth desig 202	34° 28'.080 S	150° 54'.220 E
	berth desig 113	34° 27'.795 S	150° 53'.710 E
	berth desig 112	34° 27'.720 S	150° 53'.610 E
	berth desig 111	34° 27'.550 S	150° 53'.390 E
	berth desig 110	34° 27'.370 S	150° 53'.190 E
	berth desig 109	34° 27'.325 S	150° 53'.155 E
	berth desig 107	34° 27'.280 S	150° 53'.305 E
	berth desig 106	34° 27'.300 S	150° 53'.320 E
	berth desig 105	34° 27'.345 S	150° 53'.485 E
	berth desig 104	34° 27'.260 S	150° 53'.635 E
	berth desig 103	34° 27'.130 S	150° 53'.760 E
	berth desig 102	34° 27'.330 S	150° 53'.790 E
	berth desig 101	34° 27'.540 S	150° 53'.850 E
Substitute	berth desig 201 for legend Inflammable Liquids Berth	34° 27'.825 S	150° 54'.400 E
Delete	legend	34° 27'.78 S	150° 53'.68 E
	legend	34° 27'.69 S	150° 53'.55 E
	legend	34° 27'.58 S	150° 53'.41 E
	legend	34° 27'.36 S	150° 53'.11 E
	legend	34° 27'.27 S	150° 53'.16 E
	legend	34° 27'.33 S	150° 53'.48 E
	legend	34° 27'.25 S	150° 53'.62 E
	legend	34° 27'.33 S	150° 53'.83 E
	legend	34° 27'.54 S	150° 53'.86 E

421* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Bottle and Glass Point - Depths
NSW Maritime mA115738 (A242804)

Aus 201 [304/2007]

Insert [accompanying block](#) 33° 50'.8 S 151° 16'.2 E

422* AUSTRALIA - NEW SOUTH WALES - Port Stephens - Buoyage

AHS (A241646 - A241653, A241655, A241656), NSW Maritime Notice HI0705 (A238743)

Aus 209 [622/2006]

Insert	port lateral light beacon, <i>Fl.R.5s</i> , with topmark	32° 43'.883 S	152° 02'.485 E
	port lateral light beacon, <i>Fl.R.5s</i> , with topmark	32° 44'.065 S	152° 02'.594 E
	port lateral beacon with topmark	32° 42'.339 S	151° 59'.405 E
	east cardinal beacon with topmark	32° 41'.918 S	151° 59'.548 E
	port lateral spar buoy without topmark	32° 41'.949 S	151° 59'.813 E

Substitute	port lateral light beacon, <i>Fl.R.5s</i> , with topmark, for port lateral beacon	32° 44'.15 S	152° 02'.64 E
	port lateral light beacon, <i>Fl.R.5s</i> , with topmark, for port lateral beacon	32° 44'.27 S	152° 02'.62 E
	port lateral light beacon, <i>Fl.R.5s</i> , with topmark, for port lateral beacon	32° 44'.34 S	152° 02'.52 E
	port lateral light beacon, <i>Fl.R.5s</i> , with topmark, for port lateral beacon	32° 44'.37 S	152° 02'.48 E
	south cardinal light beacon, <i>Q(6)+LFl.15s</i> , with topmark, for starboard lateral light beacon	32° 42'.61 S	151° 59'.21 E

Delete	port lateral beacon	32° 41'.73 S	151° 59'.44 E
	starboard lateral beacon	32° 44'.10 S	152° 02'.58 E
	sign	32° 43'.87 S	152° 02'.49 E
	sign	32° 43'.97 S	152° 02'.53 E

423* AUSTRALIA - NEW SOUTH WALES - Cape Hawke Harbour - Buoyage

NSW Maritime (A203782)

Aus 219 (plan, Cape Hawke Harbour) [382/2007]

Insert [accompanying block](#) 32° 11'.0 S 152° 30'.0 E

424* AUSTRALIA - NEW SOUTH WALES - Clarence River - Yamba - Buoyage; depths

NSW Maritime (A238094, A242169)

Aus 220 (plan, Clarence River Entrance) [687/2006]

Insert [accompanying block](#) 29° 26'.0 S 153° 21'.0 E

425* AUSTRALIA - QUEENSLAND - Shoalwater Bay - Military exercise area altered
Commonwealth of Australia (A232878, A232930, A232933, A232969)

Aus 248 [118/2005]

Insert	firing danger area boundary between	22° 28'.756 S	150° 49'.300 E
		22° 26'.000 S	150° 47'.955 E

Amend	legend to <i>SHOALWATER BAY MILITARY EXERCISE AREA</i>	22° 35'.5 S	150° 42'.5 E
	legend to <i>Shoalwater Bay Military Exercise Area (see Note)</i>	22° 36'.1 S	150° 47'.6 E
	legend to <i>Shoalwater Bay Military Exercise Area (see Note)</i>	22° 31'.8 S	150° 48'.7 E
	legend to <i>Shoalwater Bay Military Exercise Area (see Note)</i>	22° 26'.6 S	150° 47'.3 E

Delete	firing danger area boundary between	22° 28'.45 S	150° 49'.30 E
		22° 26'.00 S	150° 48'.06 E

Aus 260 [262/2007]

Insert	firing danger area boundary between	22° 26'.73 S	150° 48'.31 E
		22° 20'.00 S	150° 45'.03 E
		22° 10'.02 S	150° 30'.06 E
		22° 15'.02 S	150° 19'.87 E
		22° 16'.77 S	150° 12'.06 E
		22° 20'.27 S	150° 12'.00 E
		22° 21'.31 S	150° 10'.52 E

Amend	legend to <i>SHOALWATER BAY MILITARY EXERCISE AREA</i>	22° 18'.7 S	150° 05'.7 E
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Delete	firing danger area boundary between	22° 26'.7 S	150° 48'.5 E
		22° 19'.9 S	150° 45'.0 E
		22° 09'.9 S	150° 30'.1 E
		22° 14'.9 S	150° 20'.0 E
		22° 16'.9 S	150° 12'.1 E
		22° 19'.5 S	150° 11'.5 E

Aus 261 (plan, Supply Bay) [126/2007]

Insert	firing danger area boundary between	22° 10'.247 S	150° 30'.400 E
		22° 10'.020 S	150° 30'.060 E
		22° 14'.508 S	150° 20'.900 E

Substitute	accompanying note for Shoalwater Bay Military Exercise Area note outside N Border	22° 09'.50 S	150° 27'.60 E
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Delete	firing danger area boundary between	22° 14'.51 S	150° 20'.90 E
		22° 09'.90 S	150° 30'.06 E
		22° 10'.20 S	150° 30'.40 E

Aus 367 [262/2007]

Insert	firing danger area boundary between	22° 46'.47 S	150° 48'.47 E
		22° 47'.04 S	150° 53'.21 E
		22° 47'.67 S	150° 58'.54 E
		22° 40'.47 S	150° 55'.02 E
		22° 20'.00 S	150° 45'.03 E
		22° 10'.02 S	150° 30'.06 E
		22° 15'.02 S	150° 19'.87 E
		22° 16'.77 S	150° 12'.06 E
		22° 20'.27 S	150° 12'.00 E
		22° 21'.31 S	150° 10'.52 E

Delete	firing danger area boundary between	22° 46'.2 S	150° 48'.5 E
		22° 46'.9 S	150° 53'.0 E
		22° 39'.9 S	150° 55'.2 E
		22° 19'.9 S	150° 45'.0 E
		22° 09'.9 S	150° 30'.1 E
		22° 14'.9 S	150° 20'.0 E
		22° 16'.9 S	150° 12'.1 E
		22° 19'.5 S	150° 11'.5 E

Aus 820 [383/2007]

Insert	firing danger area boundary between	22° 46'.47 S	150° 48'.47 E
		22° 47'.04 S	150° 53'.21 E
		22° 47'.67 S	150° 58'.54 E
		22° 40'.47 S	150° 55'.02 E
		22° 23'.50 S	150° 46'.74 E

Delete	firing danger area boundary between	22° 46'.2 S	150° 48'.5 E
		22° 46'.9 S	150° 53'.0 E
		22° 39'.9 S	150° 55'.2 E
		22° 23'.5 S	150° 46'.9 E

Aus 822 [262/2007]

Insert	firing danger area boundary between	22° 32'.43 S	150° 51'.10 E
		22° 20'.00 S	150° 45'.03 E
		22° 10'.02 S	150° 30'.06 E
		22° 15'.02 S	150° 19'.87 E
		22° 16'.77 S	150° 12'.06 E
		22° 20'.27 S	150° 12'.00 E
		22° 21'.31 S	150° 10'.52 E

Amend	legend to <i>SHOALWATER BAY MILITARY EXERCISE AREA</i>	22° 30'.0 S	149° 38'.5 E
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Delete	firing danger area boundary between	22° 32'.4 S	150° 51'.4 E
		22° 19'.9 S	150° 45'.0 E
		22° 09'.9 S	150° 30'.1 E
		22° 14'.9 S	150° 20'.0 E
		22° 16'.9 S	150° 12'.0 E
		22° 19'.5 S	150° 11'.5 E

AX 60260 [262/2007]

Insert	firing danger area boundary between	22° 26'.73 S	150° 48'.31 E
		22° 20'.00 S	150° 45'.03 E
		22° 10'.02 S	150° 30'.06 E
		22° 15'.02 S	150° 19'.87 E
		22° 16'.77 S	150° 12'.06 E
		22° 20'.27 S	150° 12'.00 E
		22° 21'.31 S	150° 10'.52 E

Amend	legend to <i>SHOALWATER BAY MILITARY EXERCISE AREA</i>	22° 18'.7 S	150° 05'.7 E
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Delete	firing danger area boundary between	22° 26'.7 S	150° 48'.5 E
		22° 19'.9 S	150° 45'.0 E
		22° 09'.9 S	150° 30'.1 E
		22° 14'.9 S	150° 20'.0 E
		22° 16'.9 S	150° 12'.1 E
		22° 19'.5 S	150° 11'.5 E

AX 67248 [NE 3/2/2006]

Amend	legend to <i>SHOALWATER BAY MILITARY EXERCISE AREA</i>	22° 39'.9 S	150° 47'.5 E
	legend to <i>Shoalwater Bay Military Exercise Area (see Note)</i>	22° 36'.1 S	150° 47'.6 E
	legend to <i>Shoalwater Bay Military Exercise Area (see Note)</i>	22° 31'.8 S	150° 48'.5 E

AX 67261 [NE 16/5/2003]

Substitute	accompanying note for Shoalwater Bay Military Exercise Area note outside N Border	22° 25'.0 S	150° 17'.0 E
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426* AUSTRALIA - TORRES STRAIT - Moa - Rock

RNOTI (A241727, A241728)

Aus 376 [393/2007]

Insert	rock which covers and uncovers, enclosed by danger circle, with legend (2)	10° 10'.97 S	142° 11'.39 E
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427* PAPUA NEW GUINEA - Wapolu Point - Legend
AHS (A241643)

Aus 517 [347/2007]

Amend contour value to 50

9° 18'.20 S 150° 30'.56 E

428* PAPUA NEW GUINEA - Cape Gloucester - Depth
University of Hawaii (A241864)

Aus 386 [348/2007]

Substitute depth, 679fm, for depth 270fm

5° 20'.2 S 148° 20'.3 E

Aus 4603 (INT 603) [345/2007]

Insert contour between

5° 20'.6 S 148° 24'.2 E
5° 21'.0 S 148° 19'.3 E
5° 26'.3 S 148° 16'.0 E

Delete contour between

5° 20'.6 S 148° 24'.2 E
5° 19'.3 S 148° 17'.3 E
5° 26'.3 S 148° 16'.0 E

Aus 4604 (INT 604) [265/2007]

Insert contour between

5° 20'.6 S 148° 24'.2 E
5° 21'.0 S 148° 19'.3 E
5° 26'.3 S 148° 16'.0 E

Delete contour between

5° 20'.6 S 148° 24'.2 E
5° 19'.3 S 148° 17'.3 E
5° 26'.3 S 148° 16'.0 E

Aus 4622 (INT 622) [348/2007]

Insert contour between

5° 20'.9 S 148° 22'.9 E
5° 20'.7 S 148° 20'.5 E
5° 22'.3 S 148° 19'.2 E

Delete depth 494m
contour between

5° 20'.4 S 148° 20'.3 E
5° 20'.4 S 148° 22'.9 E
5° 18'.2 S 148° 19'.5 E
5° 22'.3 S 148° 19'.2 E

429* AUSTRALIA - NORTHERN TERRITORY - North East Bromby - Light buoy established

Former Notice - 328(P)/2007 is cancelled

AMSA ATH 2007/23 (A242489)

Aus 715 [222/2007]

Insert east cardinal pillar light buoy, Q(3)10s, with topmark

11° 48'.25 S 136° 43'.57 E

430* AUSTRALIA - NORTHERN TERRITORY - Port Essington - Depths

HMAS' *Mermaid* and *Paluma* HI372 mmi21518 (A242772)

Aus 18 [678/2005]

Insert [accompanying block](#)

11° 15'.0 S 132° 09'.0 E

431 INDONESIA - Wetar - Tanjung Tutuneden - Light

British Admiralty Notice 16/1809/2007 (A238828)

Aus 4603 (INT 603) [428/2007]

Insert light

7° 58'.2 S 126° 27'.7 E

Aus 4721 (INT 721) [1224/2006]

Insert light, F(2)18M

7° 58'.2 S 126° 27'.7 E

432* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Infrastructure
AHS (A242164)

Aus 52 [1029/2006]

Insert [accompanying block](#)

20° 18'.0 S

118° 35'.0 E

433* AUSTRALIA - WESTERN AUSTRALIA - Airlie Island - Light range altered

Former Notice - 291(P)/2007 is cancelled

AMSA ATH 2007/22 (A242490)

Aus 63 [1030/2006]

Amend light range to 16M

21° 19'.50 S

115° 09'.97 E

Aus 64 [856/2006]

Amend light range to 16M

21° 19'.42 S

115° 10'.03 E

Aus 328 [573/2006]

Amend light range to 16M

21° 19'.5 S

115° 10'.0 E

Aus 743 [1030/2006]

Amend light range to 16M

21° 19'.4 S

115° 10'.0 E

434* AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Lights

AHS (A242200), DPI WA (A242304)

Aus 330 [857/2006]

Amend light range to 16/5M
light range to 6M

24° 52'.6 S

113° 37'.8 E

24° 54'.4 S

113° 37'.6 E

Aus 331 [857/2006]

Amend light range to 16/5M
light range to 6M

24° 52'.6 S

113° 37'.8 E

24° 54'.4 S

113° 37'.6 E

Aus 747 [355/2007]

Amend light range to 16/5M

24° 52'.6 S

113° 37'.9 E

Aus 747 (plan, Carnarvon)

Insert light flare

24° 54'.39 S

113° 38'.59 E

Amend light range to 16/5M

24° 52'.56 S

113° 37'.88 E

435* AUSTRALIA - WESTERN AUSTRALIA - North Island - Light range; racon

Former Notice - 293(P)/2007 is cancelled

AMSA ATH 07/19, 07/20 (A241997, A241998)

Aus 332 [786/2006]

Insert racon (N) at light

28° 17'.9 S

113° 35'.3 E

Amend light range to 18M

28° 17'.9 S

113° 35'.3 E

Aus 416 [857/2006]

Insert racon (N) at light

28° 17'.9 S

113° 35'.4 E

Amend light range to 18M

28° 17'.9 S

113° 35'.4 E

Aus 417 [1033/2006]

Insert racon (N) at light

28° 17'.9 S

113° 35'.4 E

Amend light range to 18M

28° 17'.9 S

113° 35'.4 E

Aus 751 [1017/2006]

Insert racon (N) at light

28° 17'.9 S

113° 35'.3 E

Amend light range to 18M

28° 17'.9 S

113° 35'.3 E

436* AUSTRALIA - WESTERN AUSTRALIA - Pelsaert Island - Light range; racon

Former Notice - 294(P)/2007 is cancelled
 AMSA ATH 2007/24, 2007/25 (A242575, A242576)

Aus 332 [435/2007]

Insert	racon (X) at light	28° 59'.2 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.2 S	113° 57'.7 E
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Aus 333 [800/2006]

Insert	racon (X) at light	28° 59'.2 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.2 S	113° 57'.7 E
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Aus 416 [435/2007]

Insert	racon (X) at light	28° 59'.1 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.1 S	113° 57'.7 E
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Aus 417 [435/2007]

Insert	racon (X) at light	28° 59'.1 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.1 S	113° 57'.7 E
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Aus 751 [435/2007]

Insert	racon (X) at light	28° 59'.2 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.2 S	113° 57'.7 E
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Aus 752 [786/2006]

Insert	racon (X) at light	28° 59'.2 S	113° 57'.7 E
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Amend	light range to 18M	28° 59'.2 S	113° 57'.7 E
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437* AUSTRALIA - SOUTH AUSTRALIA - Winceby Island to Franklin Harbour - Contour; legend
UKHO (A241671)**Aus 777** [396/2007]

Insert	contour between	33° 46'.46 S	136° 59'.56 E
		33° 46'.00 S	137° 00'.38 E
		33° 45'.93 S	137° 01'.58 E

Amend	legend to 34° 30' 01" S	34° 29'.9 S	136° 06'.7 E
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Delete	contour between	33° 46'.5 S	136° 59'.6 E
		33° 45'.4 S	137° 00'.3 E
		33° 45'.9 S	137° 01'.6 E

438* AUSTRALIA - SOUTH AUSTRALIA - Point Riley - Depths

3D Marine Mapping (A238208)

Aus 778 [396/2007]

Insert	accompanying block	33° 51'.0 S	137° 20'.0 E
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439* AUSTRALIA - SOUTH AUSTRALIA - Ward Point to Wallaroo Bay - Depth; legends

UKHO (A241671)

Aus 778 [438/2007]

Amend	depth to 2 ₄ m	33° 02'.5 S	137° 52'.5 E
	legend to BRB	33° 05'.3 S	137° 51'.8 E
	legend to Munderoo Bay	33° 33'.0 S	137° 55'.0 E
	legend to Wallaroo Bay	33° 53'.6 S	137° 35'.4 E
	legend to Aus 777 Plan	33° 52'.7 S	137° 33'.5 E

440* AUSTRALIA - TASMANIA - Little Oyster Cove - Lights altered

Marine and Safety Tasmania (A241757)

Aus 171 [869/2006]

Amend	light to <i>FR</i>	43° 07'.63 S	147° 15'.40 E
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Delete	dashed and continuous line with legend 249° emanating from light	43° 07'.6 S	147° 15'.4 E
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Aus 173 [270/2007]

Amend	light to <i>FR</i>	43° 07'.7 S	147° 15'.3 E
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Delete	dashed and continuous line with legend 249° emanating from light	43° 07'.7 S	147° 15'.3 E
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Aus 173 (plan, Little Oyster Cove)

Amend	light to <i>FR</i>	43° 07'.72 S	147° 15'.35 E
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Delete	light	43° 04'.74 S	147° 15'.27 E
	dashed and continuous line with legend 249° emanating from light	43° 07'.74 S	147° 15'.27 E

Aus 795 [270/2007]

Amend	light to <i>FR</i>	43° 07'.7 S	147° 15'.3 E
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441* AUSTRALIA - TASMANIA - Elephant Rock to Musselroe Point - Legends

UKHO (A241671)

Aus 767 [359/2007]

Insert	contour value 15	40° 59'.71 S	148° 21'.89 E
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Amend	contour value to 15	40° 47'.8 S	148° 10'.6 E
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Move	legend Skeleton Bay to	41° 14'.6 S 41° 14'.95 S	148° 20'.4 E 148° 19'.25 E
------	------------------------	-----------------------------	-------------------------------

Delete	contour between	40° 55'.3 S 40° 55'.2 S	148° 20'.2 E 148° 20'.1 E
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442* AUSTRALIA - BASS STRAIT - Production well depth

Nexus Energy Ltd (A212850, A241999)

Aus 357A [380/2007]

Insert	depth, 28fm	38° 05'.67 S	148° 18'.62 E
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Aus 422 [257/2007]

Insert	depth, 28fm	38° 05'.6 S	148° 18'.7 E
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Aus 423 [257/2007]

Insert	depth, 28fm	38° 05'.6 S	148° 18'.7 E
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443(T)/2007 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Obstruction; light buoy
 Port Kembla Local Marine Notice 12/2007 (A242799)

An obstruction, wave energy barge, exists in approx position 34° 28'.29 S 150° 54'.69 E.

The obstruction is marked by a special spar light buoy, Q(3)Y.10s, with east cardinal topmark.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 195

444(T)/2007 AUSTRALIA - QUEENSLAND - Brisbane River - Quarantine Flats Reach - Harbour works completed

Former Notice - 1121(T)/2006 is cancelled

Maritime Safety Queensland Notice 264/2007 (A242412)

Cancel this notice on receipt

Chart formerly affected – Aus 237 – Aus 238

445(T)/2007 AUSTRALIA - QUEENSLAND - Brisbane River - Quarries Reach to Parker Island Reach - Harbour works; light buoys

Date - Until 3 May 2011

Former Notice - 318(T)/2007 is cancelled

Maritime Safety Queensland Notices 190(T)/2007, 296(T)/2007 (A237697, A243714, A243715)

Harbour works are in progress for the Gateway Bridge development.

A silt curtain and temporary causeway exist from the northern bank of the river to approx position 27° 26'.62 S 153° 06'.01 E.

A 6 knot no wash speed limit zone marked by special light buoys exists between:

27° 26'.67 S 153° 05'.74 E
 27° 26'.45 S 153° 06'.39 E
 27° 26'.60 S 153° 06'.50 E
 27° 26'.66 S 153° 06'.50 E
 27° 26'.89 S 153° 05'.87 E
 27° 26'.67 S 153° 05'.74 E

Special light buoys, Fl.Y.2.5s, exist in positions:

27° 26'.74 S 153° 05'.79 E
 27° 26'.52 S 153° 06'.44 E
 27° 26'.60 S 153° 06'.50 E
 27° 26'.83 S 153° 05'.83 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 238

446(T)/2007 AUSTRALIA - QUEENSLAND - Bundaberg - Long Reach - Cable ferry operations*Date - Until 31 December 2007*

Maritime Safety Queensland Notice 271(T)/2007 (A242414)

A cable ferry is operating in position 24° 47'.88 S 152° 22'.91 E. The ferry will exhibit the lights and signals, including warning lights, as described by the International Regulations for the Prevention of Collisions at Sea, which also include:

- (a) While the ferry is underway, with towing cables obstructing the channel, it will exhibit the lights and shapes for a vessel restricted in its ability to manoeuvre.
- (b) While the ferry is alongside either landing, it will exhibit the lights and shapes for an anchored vessel. During this mode river traffic may proceed past the ferry crossing.
- (c) By night the ferry will exhibit four white lights, positioned to illuminate the towing cables.

The ferry may operate over a 24 hour period and can be contacted on VHF Ch 16.

When approaching the crossing, vessels should sound a warning signal of one prolonged blast.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 242**447(T)/2007 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Raynham Island - Marine danger area eastwards***Former Notice - 237(T)/2007 is cancelled*

Maritime Safety Queensland Notice 257(T)/2007 (A241994)

A marine danger area, including all waters contained within a 2M radius, centred on position 22° 15'.97 S 150° 32'.46 E (WGS 84 datum), has been declared.

Any person found within the area will be removed and subject to criminal prosecution.

Chart temporarily affected – Aus 260 – Aus 367 – Aus 822 – AX 60260**448(T)/2007 AUSTRALIA - QUEENSLAND - Hay Point - Declared navigation depth**

Maritime Safety Queensland Notice 259(T)/2007 (A241992)

The declared depth for the navigation channel in Hay Point tug harbour is 5.3 metres.

Lesser depths exist close to the outer edge of the channel and at the southern end of the tug berths.

Chart temporarily affected – Aus 250

449(T)/2007 AUSTRALIA - QUEENSLAND - Townsville - Depth information*Former Notice - 160(T)/2007 is cancelled*

Maritime Safety Queensland Notices 283(T)/2007, 290(T)/2007, 295(T)/2007 (A242769, A243007, A243716)

Available depths as at 8 May 2007:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.7	
* Platypus Channel	11.8	
Outer Harbour:		
Arrival Channel	8.0	West of a line from dolphin across end of berth pocket to edge of arrival channel
* Departure Channel	11.6	
Inner Harbour:		
* Harbour	11.7	
Berths:		
* No 1	12.2	
* No 2	12.8	
* No 3	12.8	
* No 4	9.9	
* No 7	11.1	
* No 8	10.0	
* No 9	12.0	
*No 10	9.3	To seaward dolphin
* No 11	11.8	
CB Marine	1.9	
* Between No 7 and No 8	10.0	Seaward of zero mark at No 7
* Between No 9 and No 10	10.1	Seaward of zero mark at No 10
Ross River Channel	2.4	
Ross River and Ross Creek	-	No declared depth

*Indicates revised entry.

Chart temporarily affected – Aus 256 – Aus 257**450(T)/2007 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information***Former Notice - 825(T)/2006 is cancelled*

Maritime Safety Queensland Notice 262(T)/2007 (A242238)

Available depths as at 24 April 2007:

	<i>Metres</i>
Departure Channel	9.6
Inner Channel	9.6
* Swing Basin	5.8
* Sugar Berth	9.5

* Indicates revised entry.

Shoaling for a distance of 200m to seaward of the berth pocket (17° 35'.97 S 146° 07'.53 E) can develop over time.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 258

451(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Maret Islands - Scientific instruments

Former Notice - 243(T)/2007 is cancelled

MetOcean (A243004)

Scientific instruments exist as follows:

<i>Position (WGS 84 datum)</i>	<i>Remarks</i>
14° 27'.62 S 124° 59'.71 E	subsurface
14° 27'.60 S 124° 59'.70 E	4 white poly floats
14° 27'.56 S 124° 59'.79 E	lit buoy FI(5)Y.20s
14° 27'.59 S 124° 59'.73 E	4 white poly floats
14° 27'.16 S 124° 59'.17 E	lit buoy FI(5)Y.20s
14° 27'.22 S 124° 59'.15 E	4 white poly floats
14° 27'.18 S 124° 59'.05 E	subsurface
14° 27'.14 S 124° 59'.14 E	subsurface
14° 27'.10 S 124° 59'.33 E	subsurface
* 14° 27'.08 S 125° 01'.33 E	subsurface
* 14° 26'.70 S 125° 00'.50 E	subsurface
14° 25'.66 S 124° 58'.22 E	subsurface
14° 25'.64 S 124° 58'.22 E	4 white poly floats
14° 25'.37 S 124° 58'.48 E	subsurface
14° 25'.38 S 124° 58'.47 E	4 white poly floats
14° 24'.95 S 124° 57'.47 E	subsurface
14° 24'.94 S 124° 57'.44 E	4 white poly floats
14° 24'.66 S 124° 57'.67 E	lit buoy FI(5)Y.20s
14° 24'.68 S 124° 57'.73 E	4 white poly floats
14° 24'.58 S 124° 57'.56 E	subsurface
14° 24'.58 S 124° 57'.55 E	4 white poly floats
14° 23'.49 S 124° 52'.74 E	subsurface
14° 23'.47 S 124° 52'.73 E	4 white poly floats
14° 17'.22 S 124° 32'.60 E	subsurface
14° 17'.15 S 124° 32'.60 E	4 white poly floats
14° 11'.85 S 124° 15'.06 E	subsurface
14° 11'.82 S 124° 15'.04 E	4 white poly floats
13° 51'.52 S 123° 12'.97 E	4 white poly floats

*Indicates revised entry.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 320 – Aus 729**452(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works; restricted areas**

Former Notice - 831(T)/2006 is cancelled

Port Hedland Port Authority Notices 1/2006, 2/2006, 4/2007 (A201292, A242978)

Harbour works are in progress in vicinity of 20° 18'.6 S 118° 34'.2 E and 20° 19'.5 S 118° 34'.6 E.

Restricted areas, bounded seaward from the high water line, exist as follows:

Restricted Area One

20° 18'.35 S 118° 34'.11 E
 20° 18'.35 S 118° 34'.36 E
 20° 18'.70 S 118° 34'.24 E
 20° 19'.06 S 118° 34'.18 E
 20° 19'.06 S 118° 34'.07 E

Restricted Area Two

20° 19'.70 S 118° 34'.33 E
 20° 19'.33 S 118° 34'.33 E
 20° 19'.56 S 118° 34'.77 E
 20° 19'.70 S 118° 34'.77 E
 20° 19'.70 S 118° 34'.49 E

Restricted Area Three

20° 19'.06 S 118° 34'.07 E
 20° 19'.06 S 118° 34'.18 E
 20° 18'.70 S 118° 34'.24 E
 20° 19'.33 S 118° 34'.33 E
 20° 19'.70 S 118° 34'.33 E

Entry is prohibited to all recreational vessels and mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 54

453(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments eastwards recovered

Former Notice - 1008(T)/2006 is cancelled
MetOcean (A243004)

Cancel this notice on receipt

Chart formerly affected – Aus 62 – Aus 742

454(T)/2007 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 334(T)/2007 is cancelled
Fremantle Port Authority Notice 16(T)/2007 (A242911)

Available depths as at 3 May 2007:

<i>Berth</i>	<i>Metres</i>
No 1	11.1
No 2	11.2
* No 4	12.5
* No 5	12.4
No 6	12.4
No 7	12.3
* No 8	12.2
* No 9	12.5
* No 10	10.1
No 11	10.3
No 12	10.8
* C	10.4
* D	11.1
* E	10.5
* F	10.6
* G	10.5
H	10.5

* Indicates new or revised entry.

Note: Victoria Quay berths A and B are no longer used for commercial operations.

Chart temporarily affected – Aus 113

455(T)/2007 AUSTRALIA - VICTORIA - Port Phillip - Entrance Deep - Underwater survey work

Date - Until 11 June 2007
Victorian Notice 58(T)/2007 (A242768)

Diving and Remote Operating Vehicle (ROV) surveys of the Rip Bank will be conducted along the Entrance Deep walls (38° 17' 9 S 144° 38' 1 E) in way of the entrance channels. The surveys will commence at times of predicted slack water and continue up to one hour thereafter.

All entrance channels will be closed to shipping during certain periods when underwater activities take place in way of the Great Ship Channel.

The Eastern Ship Channel and Outer Eastern Channel will remain open to shipping when underwater activities take place in the Western Ship Channel and/or Outer Western Channel. During the closure periods vessels must not pass or overtake in the Eastern Ship Channel and Outer Eastern Channel.

Details of the planned daily program can be obtained from Point Lonsdale Signal Station.

Vessels intending to use any of the entrance channels should make early contact with Point Lonsdale Signal Station.

Chart temporarily affected – Aus 143 – Aus 144 – Aus 158

456(T)/2007 AUSTRALIA - VICTORIA - Western Port - Tea Tree Point - Shoaling cleared

Former Notice - 246(T)/2006 is cancelled
Victorian Notice 54/2007 (A241990)

Cancel this notice on receipt

Chart formerly affected – Aus 150 – Aus 151

457(T)/2007 AUSTRALIA - VICTORIA - Port Albert - Harbour works

Victorian Notice 52/2007 (A242067)

Harbour works for wharf reconstruction are in progress in vicinity of 38° 40'.45 S 146° 41'.80 E (WGS 84 datum); berthing places will be restricted or unavailable.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 181 – Aus 182**458(T)/2007 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions**

Victorian Notice 51(T)/2007 (A242065)

Suspended well heads, least depth unknown, exist in the vicinity of 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357A

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2007/08

Edition No 10 dated 25 May 2007

Last Amendment: Edition No 9 dated 11 May 2007

K1424-5	Pulau Masalembu Besar	5 35-30 S 114 24-83 E	Fl R 6s	14	13	Red ◻ on red beacon 10	<i>fl 0-5.</i> Range 6M (T) 2007
						*	*
K1530	Jene Ponto (I)	5 37-90 S 119 51-00 E	Fl W 5s	15	12	White metal lattice tower 13	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
K1539	Pulau Selayar SE. Patumbukan (I)	6 23-47 S 120 30-20 E	Fl W 5s	15	11	White metal lattice tower 12	<i>fl 1</i>
*	*	*	*	*	*	*	*
K1539-4	Pulau Selayar SE. Patumbukan (I)	6 23-78 S 120 30-60 E	Fl W 5s	15	11	White metal lattice tower 10	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
K1539-5	Pulau Selayar SE. Patumbukan (I)	6 23-87 S 120 30-62 E	Fl W 4s	15	11	White metal lattice tower 12	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
K3090-1	- (COM)	19 18-28 S 147 37-31 E	Fl(2) W 5s	..	..	Black ◯ on black buoy, red band	Off station (T) 2007
							*
K3338	- S side	8 30-00 S 140 22-50 E	Fl(4) W 20s	44	21	White metal framework tower 40	<i>(fl 1, ec 3) x 3, fl 1, ec 7</i>
		*	*		*		*
K3364	- Salawati . Tg Warangket	0 54-00 S 130 49-83 E	Fl(2) W 10s	74	17	White beacon	
						*	*
K3486	- Kimbe Island	5 12-29 S 150 22-60 E	Fl(3) W 10s	110	10	White GRP hut 4	<i>(fl 0-5, ec 1-5) x 2, fl 0-5, ec 5-5.</i> TE 2007
							*
K3648-6 DELETED	Remove from list						
K4107	- Ninepin Rock	37 03-02 S 174 30-18 E	Fl(4) W 30s	29	14	Pedestal 1	<i>(fl 0-1, ec 4-9) x 3, fl 0-1, ec 14-9.</i> Ra refl
							*
K4432	Howells Point	46 23-04 S 168 01-82 E	Fl WR 5s	28	W 9 R 6	White column 4	<i>fl 1.</i> W shore-298°, R 298°-317°(19°), W 317°-009-5°(52-5°), R 009-5°-shore. TE 2007
							*
K4706-5	- Black Rocks. SE of Malololailai Island	17 47-36 S 177 12-74 E	Aero Fl W 7s	3	5	Wooden post on concrete base	
			*				

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 11 May 2007. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

AUSCOAST WARNING

- 081 N Coast. North East Bromby east cardinal light buoy Q(3)10s with topmark, established in position 11° 48'.0 S 136° 43'.5 E.
- 082 NW Coast. Modu Nan Hai VI in position 21° 25'.0 S 114° 03'.3 E. 2.5M clearance requested.
- 083 Cancelled.
- 084 Cancelled.
- 085 NW Coast. Pipe laying and drilling operations being conducted in area bounded by 21° 20'.3 S to 21° 32'.3 E and 113° 46'.2 S to 113° 53'.5 E; 10m lit buoy in position 21° 27'.0 S 113° 49'.5E.
- 086 Cancelled.
- 087 SE Coast. Seismic survey vessel *Western Trident* towing 8 x 3M cables in area bounded by 38° 26' S to 38° 48' S and 142° 08' E to 142° 48' E. 5M clearance requested.
- 088 NW Coast. Bedout Island light K1675 (19° 35'.4 S 119° 06'.0 E) operating at reduced power.
- 089 SW Coast. Drill rig *Sedco 703* in position 21° 27'.2 S 114° 15'.1 E. 2.5M clearance requested.
- 090 NW Coast. Pipe laying vessels *Pacific Worker* and *Pacific Warlock* conducting underwater operations in vicinity of 12° 17'.5 S 124° 19'.6 E. 2.5M clearance requested.
- 091 NE Coast. Goods Island rear light K3270.1 (10° 34' S 142° 09' E) altered to *Fl.2.5s 14M* and synchronised with front lead light.
- 092 SW Coast. Drill rig *Wildcraft* in position 28° 42'.9 S 114° 15'.9 E. 2.5M clearance requested.

NAVAREA X WARNINGS

Nil issued.

Navigational warnings in force as at 110001UTC MAY 07.

Auscoast

037 050 055 058 060 063 064 069 071 073 076 078 079 080 081 082 085 087 088 089 090 091 092.

Navarea X

Nil

Summary of mobile drilling rigs as at 110001UTC MAY 07.

Name	Position
Stena Clyde	12° 17'.7 S 124° 19'.9 E
Ocean Epoch	13° 35'.9 S 123° 21'.9 E
Songa Venus	13° 46'.9 S 123° 13'.8 E
Ocean Bounty	19° 29'.0 S 116° 36'.6 E
Chikyu	19° 54'.7 S 115° 07'.5 E
Ensco 106	20° 30'.0 S 115° 25'.8 E
Atwood Eagle	21° 22'.9 S 113° 49'.1 E
Sedco 703	21° 27'.2 S 114° 15'.1 E
Nan Hai VI	21° 25'.0 S 114° 03'.3 E
Wildcraft	28° 42'.9 S 114° 15'.9 E

NAVAREA XIV WARNINGS

Nil issued.

Navarea XIV warnings in force as at 110001UTC MAY 07.

005 007 010 022.

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
NSW- Jervis Bay	Nav aids	SV <i>Alchemy</i>	K McGregor
NT- Gove	Infrastructure	HMAS <i>Hawkesbury</i>	
MALAYSIA- Palau	Depth	HMAS <i>Bathurst</i>	

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2007

Edition No 10 dated 25 May 2007

VOLUME 2, NP 282, 2007/08

Published BA Wk 13/07
(Last Amendments: Edition No 9 dated 11 May 2007)

RADAR BEACONS

Page 65, MAURITIUS section.
74260 Port Louis, Lt Bn.

Delete position and replace by: 20°08'·28S 57°28'·44E

Mauritius Port Authority Ad18/07

Page 86, CHINA section.
Insert:

Zhu Yu Lt Bn Racon

28°25'·97N 121°51'·08E **81636**

O

Chinese Notice 14/410/07 Ad18/07

Page 83, CHINA section.

Insert:

Lianhua Shan Lt Float Racon

22°56'·67N 113°32'·69E **81295**

K

Chinese Notice 12/296/07 Ad18/07

Page 87, CHINA section.
Insert:

Ningdian Lt Buoy No 2 Racon

29°31'·24N 121°37'·89E **81666**

C

Chinese Notice 15/443/07 Ad18/07

Page 84, CHINA section.

Insert:

Datang Electric Works Front Ldg Lt Racon

23°33'·60N 117°05'·63E **81423**

Y

Chinese Notice 12/303/07 Ad18/07

Page 93, CHINA section.
Insert:

Lushan Xingang Lt Buoy No 1 Racon

38°48'·20N 121°07'·30E **82200**

Q

Chinese Notice 11/07 Ad18/07

Page 85, CHINA section.

Insert:

Huanggan Dao Lt Bn Racon

25°02'·10N 119°01'·86E **81505**

K

Chinese Notice 14/412/07 Ad18/07

Page 103, JAPAN section.
84720 Nyudo Saki Lt.
Delete entry

Japanese Notice 17/536/07 Ad19/07

Page 85, CHINA section.

Insert:

Hui Yu Lt Bn Racon

25°11'·38N 119°00'·01E **81507**

M

Chinese Notice 14/412/07 Ad18/07

Page 118, MEXICO (Pacific Coast) section.
Insert:

Ensenada Approach Lt Buoy Racon

31°49'·02N 116°38'·83W **91253**

A

Mexican Notice 3/55/07 Ad18/07

Page 85, CHINA section.

Insert:

Xiwuduo Lt Bn Racon

25°09'·41N 119°00'·68E **81508**

Y

Chinese Notice 14/412/07 Ad18/07

Page 118, MEXICO (Pacific Coast) section.
Insert:

Guaymas Approach Lt Buoy Racon

27°52'·22N 110°50'·96W **91368**

A

Mexican Notice 3/57/07 Ad18/07

Page 85, CHINA section.

Insert:

Li Yu Lt Bn Racon

25°45'·76N 119°48'·27E **81526**

O

Chinese Notice 13/372/07 Ad18/07

Page 119, MEXICO (Pacific Coast) section.
91380 Topolobampo Harbour, Landfall Buoy.
Delete position and replace by: 25°30'·37N 109°13'·14W

Mexican Notice 3/58/07 Ad18/07

Page 86, CHINA section.

Insert:

Wailongyan Jiao Lt Bn Racon

28°12'·60N 121°33'·17E **81634**

G

Chinese Notice 14/411/07 Ad18/07

Page 119, MEXICO (Pacific Coast) section.
Insert:

Mazatlan Approach Lt Buoy Racon

23°09'·20N 106°25'·69W **91388**

A

Mexican Notice 3/59/07 Ad18/07

Page 119, MEXICO (Pacific Coast) section.
Insert:

Puerto Vallarta Approach Lt Buoy Racon (PA) 20°39'·00N 105°15'·70W **91418**
A

Mexican Notice 3/60/07 Ad19/07

Page 119, MEXICO (Pacific Coast) section.
Insert:

Manzanillo Approach Lt Buoy Racon 19°02'·30N 104°22'·80W **91430**
A

Mexican Notice 3/61/07 Ad18/07

Page 119, MEXICO (Pacific Coast) section.
Insert:

Puerto Lazaro Cardenas Racon 17°53'·42N 102°09'·50W **91438**
Approach Lt Buoy
A

Mexican Notice 3/62/07 Ad18/07

Page 128, MEXICO (Gulf Coast) section.
95280 Puerto de Progreso, Approach Lt Buoy.
Delete position and replace by: 21°22'·03N 89°42'·00W

Mexican Notice 3/82/07 Ad18/07

Page 128, MEXICO (Gulf Coast) section.
Insert:

Dos Bocas Approach Lt Buoy Racon 18°27'·43N 93°12'·87W **95420**
A

Mexican Notice 3/81/07 Ad18/07

Page 128, MEXICO (Gulf Coast) section.
95558 Puerto de Tampico Approach Lt Buoy.
Delete position and replace by: 22°16'·42N 97°44'·25W

Delete morse ident Q and replace by: A

(former amendment Ad13/07)
Mexican Notice 3/64/07 Ad18/07

DIFFERENTIAL GPS (DGPS)

Page 179, BRAZIL section, after Ilha Rasa Lt entry.
Insert:

Paranaguá	25°29'·67S 48°19'·54W	320							
-----------	--------------------------	-----	--	--	--	--	--	--	--

Brazilian Notice 6/31/07 Ad18/07

RADIO TIME SIGNALS

Page 229, ARGENTINA section.
BUENOS AIRES (LOL).
Delete entry and replace by:

BUENOS AIRES (LOL) 34°37'S 58°21'W
10000 A1A A2A A3E 2·0

Page 229, ARGENTINA section.
BUENOS AIRES (PACHECO) (LQB) (LQC).
Delete entry

Sevicio de Hidrografía Naval, Argentina Ad19/07

(Continued on next page)

Times of Transmission

Mon-Fri: 1100-1200 LT

System

01s-58s Second pulses, 5ms duration
59s Silence
00s Minute pulse, 5ms duration

The carriers are modulated not only by the time pulses described above, but also as detailed below:

00m-03m 10m-13m 1000 Hz tone
20m-23m 30m-33m
40m-43m 50m-53m
03m-05m 08m-10m Call sign LOL in morse, Station
13m-15m 18m-20m identification and time (UT (GMT)-3)
in voice
23m-25m 28m-30m
33m-35m 38m-40m
43m-45m 48m-50m
53m-55m 58m-60m
05m-08m 15m-18m 440 Hz tone
25m-28m 35m-38m
45m-48m
55m-58m Time Signal only

Sevicio de Hidrografía Naval, Argentina Ad19/07

Page 232, GERMANY section.
MAINFLINGEN (DCF77).
Delete entry and replace by:

MAINFLINGEN (DCF77)

50°01'N 9°00'E

77-5 A1A A3E 30

Times of Transmission

H24

System

00s	M-Minute marker
01s-14s	BBK and Meteo Time information
15s	R-If backup antenna is used
16s	A1-announcement of Time System change
17s	Z1 Time System (Winter)
18s	Z2 Time System (Summer)
19s	A2-announcement of a leap second at the next hour
20s	S-Start of Time Code
21s-27s	Minute
28s	Parity: Sum of 21s-27s
29s-34s	Hour
35s	Parity: Sum of 29s-34s
36s-41s	Day of Month
42s-44s	Day of Week
45s-49s	Month
50s-57s	Year (07, 08, 09 etc.)
58s	Parity: Sum of 36s-57s
59s	No modulation

Wasser und Schifffahrtsamt Wilhelmshaven Ad19/07

Page 236, JAPAN section.
NAZAKI (JG2AS).
Delete entry

Japanese Hydrographic and Oceanographic Dept Ad19/07

Pages 240 and 241, RUSSIA section.
IRKUTSK (RID).
Delete entry

www.irkutsk.com Ad19/07

Page 244, UNITED KINGDOM section.
RUGBY (MSF), Station heading, Times of Transmission and System.
Delete and replace by:

ANTHORN (MSF)

54°54'N 3°16'W

60 A1A 15

Times of Transmission

H24 unless maintenance is being carried out - see National Physical Laboratory (NPL)
website: www.npl.co.uk/time/msf/msfoutages.html

System

See TIME CODE FORMAT on following pages.

National Physical Laboratory (NPL) Ad19/07

Page 244, UNITED KINGDOM section.
RUGBY (MSF), NPL Computer Time Service via Modem (NPL Truetime).
Delete lines 28 to 34 and replace by:

NPL Truetime Telephone: 0906 851 6333 (UK only)
Telephone: +44(0)208 943 6880
Fax: +44(0)208 943 6458
e-mail: time@npl.co.uk
website: www.npl.co.uk/npl/ctm/index.html

National Physical Laboratory (NPL) Ad19/07

Page 245 to 248, UNITED KINGDOM section.
RUGBY (MSF), Station heading.
Delete and replace by: ANTHORN (MSF)

National Physical Laboratory (NPL) Ad19/07

Page 248, UNITED KINGDOM section.
BRITISH BROADCASTING CORPORATION-RADIO 1.
Delete entry and replace by:

BRITISH BROADCASTING CORPORATION—RADIO 197.7-99.8 MHz¹ F3E

(1) For Channel Islands 97.1 MHz

Times of Transmission

Mon-Fri: 0700
Sat: 1300
Sun: Nil

NOTE: Broadcasts given 1h earlier when DST is in force

System

The Greenwich Time Signal (GTS) or BBC pips is a time code heard on some BBC Radio Stations. There are 6 pips (short beeps) in total, which occur on the 5 seconds leading up to the hour and on the hour itself. Each pip is a 1 kHz tone which, for the 5 leading pips, lasts a tenth of a second, while the final pip lasts half a second. The actual moment when the hour changes is at the very beginning of the last pip. When a leap second occurs, it is indicated by a seventh pip

BBC Website Ad19/07

(Continued on next page)

Page 251, UNITED STATES section.
After FORT COLLINS, COLORADO (WWV).
Insert:

FORT COLLINS, COLORADO (WWVB) 40°41'N 105°02'W

60

13

Times of Transmission

H24

System

Its time scale is the same as for WWV and its frequency accuracy and stability as transmitted are the same. Its entire format consists of a 1 pulse per second special binary time code giving minutes, hours, days, the current year (two digits), and the correction between its UTC time scale and UT1 astronomical time. Indicators for daylight saving time, leap seconds and leap year are also included. Identification of WWVB is made by its unique time code and a 45° carrier phase shift which occurs for the period between 10 minutes and 15 minutes after each hour. The useful coverage area of WWVB is within the continental United States.

00s	Minute marker
01s-08s	Minutes
09s	P1 Position identifier
10s-11s	
12s-18s	Hours
19s	P2 Position identifier
20s-21s	
22s-28s	Days
29s	P3 Position identifier
30s-33s	Days
34s-35s	
36s-38s	DUT1
39s	P4 Position identifier
40s-44s	DUT1 (UT1-UTC)
45s-48s	Year
49s	P5 Position identifier
50s-53s	Year
54s	
55s	Leap year indicator
56s	Leap second warning
57s	DST
58s	As 57s but changes 24h later
59s	P0 Position indicator

United States Radio Navigational Aids Pub 117 Ad19/07

VOLUME 3, PART 2, NP 283(2), 2007/08Published BA Wk 3/07
(Last Amendments: Edition No 8 dated 27 April 2007)**RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS**Page 206, RUSSIA (Pacific Coast), after **VLADIVOSTOK**.
Insert new station:

VLADIVOSTOK (UFZ)		43°23'N 131°55'E		
A	4241	RADIO-TELEX		
B	6314			
C	6460			
D	8416-5			
E	8643			
F	12579			
G	12799-5			
H	16806-5			
I	17155			
DIAGRAM: page 5				
Weather Bulletins				
A, C, G, I: 2300	Synoptic summary for 0000 (Moscow LT) for current 24 hour period; 24 hour storm warnings, weather forecast and sea state in Russian for Sea of Japan including Tsugaru Kaikyo.			
A, C, E, G: 0900	Synoptic summary for 1800 (Moscow LT) for current 24 hour period; 12 hour storm warnings, weather forecast and sea state in Russian for Sea of Japan including Tsugaru Kaikyo.			
B, F, H: 0200	Storm warnings in English for Sea of Japan N of 42°N and NW Pacific Ocean from Kuril'skiye Ostrova to meridian 180° and N of 45°N. Storm warnings and 24 hour weather forecast in English for Russian coastal waters in the Sea of Japan.			
B, D, F: 1100	Storm warnings in English for Sea of Japan N of 42°N and NW Pacific Ocean from Kuril'skiye Ostrova to meridian 180° and N of 45°N. Storm warnings and 12 hour weather forecast in English for Russian coastal waters in the Sea of Japan.			
Navigational Warnings				
A, C, G, I: 2300 A, C, E, G: 0900	Coastal warnings for Russian waters in the Sea of Japan, Tatarskiy Proliv, the SW part of Sea of Okhotsk to Zaliv Ayan; for the areas around Ostrov Sakhalin, including Proliv Laperuza and around the S part of Kuril'skiye Ostrova to the S tip of Ostrov Ketoy in Russian.			
B, F, H: 0200 B, D, F: 1100	List of numbers of current NAVAREA XIII warnings, list of numbers of current coastal warnings for NAVAREA XIII English			

Russian Radio List Pub No 3013 Ad18/07

SHIP'S WEATHER REPORTSPage 277, RUSSIA.
Delete and replace by:**RUSSIA**

Moscow Mr Ravil S. Fakhrutdinov
 Roshydromet
 12 Novovaganikovsky pereulok
 Moscow 123242
 Telephone: +7 095 2520828
 Fax: +7 095 2552414 (0500-1500)
 E-mail: adm@tuboss.mskw.mecom.ru
 Telex 411117 RUMSRF

Russian Radio List Pub No 3013 Ad18/07

VOLUME 5, NP 285, 2006/07Published BA Wk 24/06
(Last Amendments: Edition No 7 dated 13 April 2007)**CHAPTER 9 VHF DSC, LIST OF COAST RADIO STATIONS FOR SEA AREA A1**

Page 95, Algeria.

Delete entry and replace by:

Algeria

Alger	006052110	36°44'N 3°10'E	50	Operational (<i>CNOSS Alger</i>)
Cherchell	006052111	36°36'N 2°12'E	50	Operational (<i>CNOSS Alger</i>)
Tenes	006052113	36°29'N 1°23'E	50	Operational (<i>CNOSS Alger</i>)
Annaba	006053814	36°54'N 7°45'E	50	Operational (<i>CROSS Jijel</i>)
Bejaia	006053815	36°45'N 5°04'E	50	Operational (<i>CROSS Jijel</i>)
Skikda	006053816	36°52'N 6°54'E	50	Operational (<i>CROSS Jijel</i>)
Dellys	006054112	36°55'N 3°53'E	50	Operational (<i>CNOSS Alger</i>)
Oran	006054117	35°42'N 0°38'W	50	Operational (<i>CROSS Oran</i>)
Mostaganem	006054118	35°56'N 0°06'E	50	Operational (<i>CROSS Oran</i>)
Ghazaouet	006054119	35°06'N 1°51'W	50	Operational (<i>CROSS Oran</i>)

Algerian Maritime Administration Ad19/07

Page 115, Korea, South (Republic of).

Delete entry and replace by:

Korea, South (Republic of)

Inch'ön (Incheon) Korea Coast Guard	004401001	37°30'N 126°30'E	50	Operational (<i>MRCC Inch'ön</i>)
Tonghae (Donghae) Korea Coast Guard	004401002	37°31'N 129°07'E	50	Operational (<i>MRCC Tonghae</i>)
Mokp'o (Mokpo) Korea Coast Guard	004401003	34°46'N 126°23'E	50	Operational (<i>MRCC Mokp'o</i>)
Pusan (Busan) Korea Coast Guard	004401004	35°07'N 129°02'E	50	Operational (<i>MRCC Pusan</i>)
Cheju (Jeju) Coast Guard	004401005	33°21'N 126°49'E	50	Operational (<i>MRCC Cheju</i>)
Cheju (Jeju) Radio	004400701	33°29'N 126°29'E	25	Operational (<i>MRCC Cheju</i>)
Cheju (Jeju) Radio	004400702	33°14'N 126°33'E	25	Operational (<i>MRCC Cheju</i>)
Inch'ön (Incheon) Radio	004400003	37°29'N 126°33'E	25	Operational (<i>MRCC Inch'ön</i>)
Inch'ön (Incheon) Radio	004400004	37°13'N 126°09'E	25	Operational (<i>MRCC Inch'ön</i>)
Gunsan Radio	004400201	36°18'N 126°38'E	25	Operational (<i>MRCC Inch'ön</i>)
Gunsan Radio	004400501	35°57'N 126°41'E	25	Operational (<i>MRCC Inch'ön</i>)
Kangnŭng (Kangreung) Radio	004400602	37°42'N 129°00'E	25	Operational (<i>MRCC Tonghae</i>)
Kangnŭng (Kangreung) Radio	004400603	37°26'N 129°10'E	25	Operational (<i>MRCC Tonghae</i>)
Kangnŭng (Kangreung) Radio	004400604	38°11'N 128°35'E	25	Operational (<i>MRCC Tonghae</i>)
Mokp'o (Mokpo) Radio	004400304	34°44'N 126°07'E	25	Operational (<i>MRCC Mokp'o</i>)
Mokp'o (Mokpo) Radio	004400307	35°08'N 126°06'E	25	Operational (<i>MRCC Mokp'o</i>)
Mokp'o (Mokpo) Radio	004400308	34°41'N 125°27'E	25	Operational (<i>MRCC Mokp'o</i>)
Mokp'o (Mokpo) Radio	004400309	34°48'N 126°24'E	25	Operational (<i>MRCC Mokp'o</i>)
Mokp'o (Mokpo) Radio	004400310	34°27'N 126°37'E	25	Operational (<i>MRCC Mokp'o</i>)
Pusan (Busan) Radio	004400101	35°05'N 129°03'E	25	Operational (<i>MRCC Pusan</i>)
Pusan (Busan) Radio	004400103	34°48'N 128°25'E	25	Operational (<i>MRCC Pusan</i>)
Pusan (Busan) Radio	004400105	35°08'N 129°02'E	25	Operational (<i>MRCC Pusan</i>)
Pusan (Busan) Radio	004400106	35°09'N 128°44'E	25	Operational (<i>MRCC Pusan</i>)
Ulsan Radio	004400102	35°35'N 129°24'E	25	Operational (<i>MRCC Pusan</i>)

(Continued on next page)

Pohang Radio	004400401	36°30'N 129°26'E	25	Operational (<i>MRCC Tonghae</i>)
Pohang Radio	004400402	36°51'N 129°24'E	25	Operational (<i>MRCC Tonghae</i>)
Ulreung Radio	004400403	37°28'N 130°53'E	25	Operational (<i>MRCC Tonghae</i>)
Ulreung Radio	004400404	37°32'N 130°52'E	25	Operational (<i>MRCC Tonghae</i>)
Yeosu Radio	004400104	34°59'N 127°52'E	25	Operational (<i>MRCC Mokp'o</i>)
Yeosu Radio	004400305	34°45'N 127°44'E	25	Operational (<i>MRCC Mokp'o</i>)
Yeosu Radio	004400306	34°26'N 127°30'E	25	Operational (<i>MRCC Mokp'o</i>)

Korea Coast Guard Ad19/07

CHAPTER 10 MF DSC, LIST OF COAST RADIO STATIONS FOR SEA AREA A2

Page 139, Algeria.
Delete entry and replace by:

Algeria

Alger	006052110	36°44'N 3°10'E	200	Operational (<i>CNOSS Alger</i>)
Annaba	006053814	36°54'N 7°45'E	200	Operational (<i>CROSS Jijel</i>)
Oran	006054117	35°42'N 0°38'W	200	Operational (<i>CROSS Oran</i>)

Algerian Maritime Administration Ad19/07

Page 151, Korea, South (Republic of).
Delete entry and replace by:

Korea, South (Republic of)

Inch'ön (Incheon) Korea Coast Guard	004401001	37°30'N 126°30'E	250	Operational (<i>MRCC Inch'ön</i>)
Tonghae (Donghae) Korea Coast Guard	004401002	37°31'N 129°07'E	250	Operational (<i>MRCC Tonghae</i>)
Mokp'o (Mokpo) Korea Coast Guard	004401003	34°46'N 126°23'E	250	Operational (<i>MRCC Mokp'o</i>)
Pusan (Busan) Korea Coast Guard	004401004	35°07'N 129°02'E	250	Operational (<i>MRCC Pusan</i>)
Cheju (Jeju) Korea Coast Guard	004401005	33°21'N 126°49'E	250	Operational (<i>MRCC Cheju</i>)
Inch'ön (Incheon) Radio	004400003	37°29'N 126°33'E	150	Operational (<i>MRCC Inch'ön</i>)
Pusan (Busan) Radio	004400101	35°05'N 129°03'E	150	Operational (<i>MRCC Pusan</i>)
Cheju (Jeju) Radio	004400701	33°29'N 126°29'E	150	Operational (<i>MRCC Cheju</i>)

Korea Coast Guard Ad19/07

Page 170, diagram, R5-A MEDITERRANEAN - WEST Digital Selective Calling (DSC) Limits of Sea Areas.
Diagram will be updated at new edition to be published soon.

UKHO Ad19/07

Pages 182 and 183, diagram, R15-A NORTH - WEST PACIFIC Digital Selective Calling (DSC) Limits of Sea Areas.
Diagrams will be updated at new edition to be published soon.

(former amendment Ad40/06)
UKHO Ad19/07

CHAPTER 15 NAVTEX

Page 270, NAVTEX COAST STATIONS, Ukraine.
Delete entry and replace by:

Ukraine

Odesa [C] [X] ¹	46°29'N 30°44'E	280	Operational
Kerch [G] [U] ¹	45°23'N 36°28'E	120	Operational

¹) English broadcasts 490 kHz

Ukraine State Hydrographic Service Ad18/07

(25 May 2007)

Page 274, diagram, X2, NAVTEX - MSI BROADCASTS, Mediterranean and Black Sea (NAVAREA III).

Amend [C] Odesa in position 46°29'N, 30°44'E to read: [X] [C] Odesa
Amend [B] Kerch in position 45°23'N, 36°28'E to read: [U] [G] Kerch

Ukraine State Hydrographic Service Ad18/07

Page 303, STATIONS WITH OPERATIONAL NAVTEX FACILITIES, UKRAINE.
Delete entry and replace by:

UKRAINE

Kerch [G] 45°22'N 36°29'E
TELEPHONE: +380 65 6149317 Diagram X2
FAX: +380 65 6121436
MMSI: 002723659

NAVTEX [G]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS	ICE REPORTS
0100		●	
0500		●	
0900	●	●	
1300		●	●
1700	●	●	
2100		●	

Kerch [U] 45°22'N 36°29'E
TELEPHONE: +380 65 6149317 Diagram X2
FAX: +380 65 6121436
MMSI: 002723659

NAVTEX [U]

Frequency: 490 kHz Language: English

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS	ICE REPORTS
0320		●	
0720		●	
1120	●	●	
1520		●	●
1920	●	●	
2320		●	

Ukraine State Hydrographic Service Ad18/07

Odesa [C] 46°29'N 30°44'E
TELEPHONE: +380 487507845 Diagram X2
FAX: +380 482 210908
MMSI: 002725613

NAVTEX [C]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS	ICE REPORTS
0020		●	
0420		●	
0820	●	●	
1220		●	●
1620	●	●	
2020		●	

Odesa [X] 46°29'N 30°44'E
TELEPHONE: +380 487507845 Diagram X2
FAX: +380 482 210908
MMSI: 002725613

NAVTEX [X]

Frequency: 490 kHz Language: English

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS	ICE REPORTS
0350		●	
0750		●	
1150	●	●	
1550		●	●
1950	●	●	
2350		●	

Page 308, 518 kHz NAVTEX BROADCAST SCHEDULES BY NAVAREA, NAVAREA III.

Delete UKRAINE Kerch [B] entry. Insert new Kerch [G] entry after TURKEY Antalya [F]:

III UKRAINE Kerch [G] 0100, 0500, 0900, 1300, 1700, 2100

Delete Ukraine Odesa [C] entry and replace by:

III UKRAINE Odesa [C] 0020, 0420, 0820, 1220, 1620, 2020

Ukraine State Hydrographic Service Ad18/07

CHAPTER 16 DISTRESS, SEARCH AND RESCUE

Page 328, ALGERIA.
Delete entry and replace by:

ALGERIA

See diagram R5

National SAR Agency: RCC D'Alger Address: 123, Rue Tripoli Husein Dey, BP-428, Alger Tel: +213 21 495102 Fax: +213 21 495112 E-mail: mrcc_alger@mdn.dz			
The Coast Guard is responsible for co-ordinating Search and Rescue maritime operations. A network of Coast Radio Stations maintains a continuous listening watch on international distress frequencies.			
	Telephone +213	Fax +213	Others
MRCC (CNOSS) ALGIERS	21 710178	21 714108	Telex: +408 55211 E-mail: mrccalgiers@mdn.dz
(CROSS) ORAN	41 396701	41 396701	Telex: +408 81488
(CROSS) JIJEL	34 478478	34 474591	Telex: +408 84959
ARCC ALGIERS	21 853256	21 853260	AFTN: DAARYCYX Telex: +408 65335 E-mail: mcc_alger@mdn.dz
ALGER RADIO	21 203184 21 203179 21 202249 21 806516	21 203217	Telex: +408 63601
ANNABA RADIO	38 868089 38 804231 38 868457	38 804230	
BEJAIA RADIO	34 235766	34 235773	
GHAZAOUET RADIO	43 324900 43 324918 43 323600	43 324910	Telex: +408 18951
ORAN RADIO	41 433605 40 206937	41 431328	Telex: +408 21287 & 21288
SIKIDA RADIO	38 755106	38 754836	Telex: +408 87018
TENES RADIO	27 766341 27 766999 27 766168		Telex: +408 78888

(former amendment Ad30/06)
CNOSS – MRCC Algiers Ad19/07

(Continued on next page)

Page 379, SWEDEN.
Delete entry and replace by:

SWEDEN

See diagram R2

National SAR Agency: Swedish Maritime Administration Address: SE-601, 78 Norrköping, Sweden Tel: +46 11 191000 Fax: +46 11 191055 +46 11 101949 E-mail: hk@sjofartsverket.se Website: www.sjofartsverket.se			
The Swedish MRCC is located in Göteborg and maintains continuous monitoring of VHF Channel 16 and VHF/MF DSC with coverage of the entire Swedish Search and Rescue Region (SRR). The call by radio is "Sweden Rescue", alternatively contact may be made via the emergency telephone number.			
	Telephone +46	Fax +46	Others
MRCC GÖTEBORG	31 648020 31 699050	31 648010	Telex +54 20180 MRCCGBG S (e-mail) +54 62190 MRCC S (fax, reserve) Inmarsat B (AOR-E) 326590010 (Tel) (AOR-E) 326590011 (Fax) (AOR-E) 326590012 (Data) (AOR-E) 391011650 (HSD) (AOR-E) 326590013 (Tlx) Inmarsat C (AOR-E) 426590010 E-mail mrccgbg@amrcc.sjofartsverket.se
ARCC SWEDEN Cospas-Sarsat SPOC	31 648080	31 648110	E-mail arc@luftfartsstyrelsen.se

Swedish Maritime Administration and MRCC Göteborg Ad18/07

VOLUME 6, PART 4, NP 286(4), 2006/07

Published BA Wk 35/06

(Last Amendments: Edition No 9 dated 11 May 2007)

Page 263, KOREA, SOUTH, PUSAN (BUSAN), Vessel Traffic Service,
after REPORTING section.

Insert new section:

SHIP SAFETY CALL CENTRE:

- (1) The Pusan Ship Safety Call Centre provides real-time information about the location of floating objects including whales, in order to prevent collisions between such objects and high-speed vessels navigating between Korea and Japan.
- (2) A designated reporting area has been established bounded by lines joining the following positions:
 - (a) 35°03'76N 129°09'69E
 - (b) 34°04'83N 129°07'81E
 - (c) 33°45'91N 130°14'68E
 - (d) 34°44'67N 129°30'21E
- (3) Vessels navigating through the designated reporting area encountering floating objects (including whales) should advise Pusan VTS by VHF or AIS.
- (4) Example messages for AIS communications:
 - (a) Three non-dolphin whales at 34°12'05N 135°23'82E moving southwest:
WH3/341205N/1352382E/SW
 - (b) Discovery of floating material (log and container) at 34°12'05N 135°23'82E:
FM(LOG/CNTR)/341205N/1352382E
- (5) Pusan VTS will broadcast safety information on VHF Ch 09.

Korean Notice 4/29/2007 Ad19/07

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2007

NP 9 Antarctic Pilot (2004 Edition)

Antarctic Treaty Area — Ballast water management

3

After Paragraph 1.18 2 *Insert:***Ballast water management****1.18a**

- 1 Guidelines for ballast water exchange in the Antarctic Treaty Area (areas south of 60°S), provide an interim Ballast Water Regional Management Plan for Antarctica. For further information see *The Mariner's Handbook*.

UK Maritime and Coastguard Agency

Marine Information Notice 283(M) [Ad 19/07]

NP 13 Australia Pilot Volume I (2005 Edition)

Western Australia - North West Cape — Oil production wells

221

After Paragraph 6.5 *Insert:***North West Cape****6.5a**

- 1 **Enfield Oil Production Wells** (21°29'S 113°59'E) are situated 20 miles NW of North West Cape, consisting of numerous wells, the Nganhurra FPSO and connecting pipelines.
Stybarrow Oil Production Wells (21°28'S 113°50'E) are being established (2007) adjacent to the Enfield Production Wells and will consist of various wells, pipelines and an FPSO.
Eskdale Oil Production Well (21°23'S 113°49'E) is being established (2007) 31 miles NW of North West Cape.
- 2 A cautionary zone, radius 2.5 miles, exists around the above fields.

Australian Notice 05/247/07

[Ad 18/07]

Western Australia - Houtman Abrolhos — Racon

266

After Paragraph 7.141 1 *Insert:*

- 2 **Racon:**

Pelsaert Island (28°59'S 113°58'E).

For further details see *Admiralty List of Radio Signals Volume 2*.

Auscoast Warning 069/07

[Ad 18/07]

NP 15 Australia Pilot Volume III (2005 Edition)

Queensland - Port of Hay Point — Pilot boarding places

203

Paragraph 6.165 1 lines 3-4 *Replace by:*

...convenient of two boarding places about 2½ miles NE or ESE from the berths, as shown on the chart. A...

Australian Notice 185/07

[Ad 19/07]

NP 39 South Indian Ocean Pilot (2004 Edition)

Mauritius - Malheureux Rock — Position

274

Paragraph 11.241 1 line 2 *For* 20° *Read* 19°Indian Navy Ship *Sarvekshak*

[Ad 18/07]

NP 62 Pacific Islands Pilot Volume III (2006 Edition)

Hawaiian Islands — Security zones

261

After Paragraph 11.58 1 line 4 *Insert:*

See Appendix V for details of Hilo Harbor security zone.

268

After Paragraph 11.116 1 line 6 *Insert:***Traffic regulation.** See Appendix V for details of Kailua Kona security zone.

280

After Paragraph 12.51 2 line 7 *Insert:***Traffic regulation.** See Appendix V for details of Lahaina Harbour security zone.

282

After Paragraph 12.78 1 line 2 *Insert:*

See Appendix V for details of Kahului Harbor security zone.

298

After Paragraph 13.14 1 *Insert:***Traffic regulation****13.14a**

- 1 **Security zone.** A security zone where navigation is restricted, includes all the waters of Honolulu Harbor and entrance channel, Honolulu International Airport, Kalihi Channel, Keehi Lagoon and General Anchorages B, C and D.
- 2 Severe fines with the possibility of prison sentences may be levied for unauthorised entry into this area. Permission to enter the area must be obtained from the US Coast Guard Captain of the Port. Further information may be obtained from the Marine Safety Office or National Response Centre.
For boundary positions of the areas involved and for further details, see Appendix V.

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2007

301

After Paragraph 13.54 1 line 2 *Insert*:

Security zone. See 13.14a.

310

After Paragraph 13.154 1 line 7 *Add*:

- 2 See Appendix V for details of Barbers Point Harbor security zone.

322

After Paragraph 14.41 1 line 4 *Insert*:

Security zone. See Appendix V for details of Nawiliwili Harbor security zone.

324

After Paragraph 14.82 1 line 4 *Insert*:

Security zone. See Appendix V for details of Port Allen security zone.

357-358

Appendix V §165.1407 (a) *Replace by*:

(a) Location.

The following areas, from the surface of the water to the ocean floor, are security zones.

(1) All waters of Honolulu Harbor and entrance channel commencing at a line between entrance channel light buoys Nos 1 and 2, to a line between light beacons No 14 and 15, W of Sand Island Bridge.

(2) All waters extending 100 yards in all directions from each vessel in excess of 300 gt anchored in Honolulu Harbor anchorage B, C or D as defined in 33 CFR 110.235 (a).

(3) All waters of Kalihi Channel and Keehi Lagoon beginning at

Kalihi Channel Light Buoy No 1 and continuing along the channel to light beacon No 13, thence; On a line of bearing of 332°5' to shore, thence; E and S along the shoreline to light beacon No 15, thence; SE to light beacon No 14, thence; SE along the shoreline of Sand Island to the SW tip of Sand Island at 21°18'N 157°53'W, thence; SW on the line of bearing of 233° to Kalihi Channel Light Buoy No 1.

(4) Honolulu International Airport.

(i) North Section. All waters surrounding Honolulu International Airport from 21°18'3N 157°55'6W, thence; S to 21°18'0N 157°55'6W, thence E to the W edge of Kalihi Channel, thence; N along the W edge of the channel to light beacon No 13, thence; On a line of bearing of 332°5' to shore.

(ii) South Section. All waters near Honolulu International Airport from 21°18'0N 157°55'6W, thence; S to 21°16'5N 157°55'6W, E to 21°16'5N 157°54'0W, thence; N along the W edge of Kalihi Channel to light buoy No 5, thence; W to 21°18'0N 157°55'6W.

(5) Barbers Point Offshore Moorings. All waters around the Tesoro Single Point and the Chevron Conventional Buoy Moorings beginning at

21°16'4N 158°06'0W; thence;

NE to 21°17'4N 158°04'0W; thence;

SE to 21°16'5N 158°03'5W; thence;

SW to 21°15'5N 158°05'6W; thence;

N to the beginning point.

(6) Barbers Point Harbor. All waters within the harbour enclosed by a line drawn between the harbor entrance channel light beacon No 6 and the jetty point beacon at 21°19'5N 158°07'3W.

(7) All waters within Kahului Harbor, Maui, consisting of all waters shorewards of the COLREGS DEMARCATION line (33 CFR 80.1460).

(8) All waters within Nawiliwili Harbor, Kauai, shorewards of the COLREGS DEMARCATION line (33 CFR 80.1450).

(9) All waters of Port Allen Harbor, Kauai, shorewards of the COLREGS DEMARCATION line (33 CFR 80.1440).

(10) All waters of Hilo Harbor, Hawaii, shorewards of the COLREGS DEMARCATION line (33 CFR 80.1480).

(11) The waters within a 100 yard (92 m) radius centered on each large cruise ship in Kahului Harbor, Nawiliwili Harbor, Port Allen Harbor and Hilo Harbor, Hawaii.

(12) All waters extending 100 yards (92 m) in all directions from each large cruise ship in Lahaina, Maui, whenever the cruise ship is within 3 miles of Lahaina Light (20°52'3N 156°40'7W).

(13) All waters extending 100 yards (92 m) in all directions from each large cruise ship in Kailua-Kona, Hawaii, whenever the cruise ship is within 3 miles of Kukailimoku Point (19°56'N 156°00'W).

(14) The designated area around each cruise vessel is a moving security zone when a cruise ship is in transit and becomes a fixed zone when anchored or moored.

358

Appendix V §165.1407 (c) *Replace by*:

(c) Large cruise ship:

For the purposes of this section the term "large cruise ship" is defined as a passenger vessel over 300 ft in length that carries passengers for hire.

Appendix V §165.1407 (d) (3) *Replace by*:

(3) Persons desiring to transit the area of the security zones may contact the Captain of the Port by calling the Command Centre at telephone numbers 808-842-2600, or on VHF channel 16 to seek permission to transit the area. Written requests may be submitted to the Captain of the Port, Coast Guard Sector Honolulu, Sand Island Access Road, Honolulu 96819 or faxed to 808-842-2622. If permission is granted, all persons and vessels shall comply with the instructions of the Captain of the Port or his designated representatives.

USA Coast Pilot 7 (39th Edition 2007)

[Ad 18/07]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2007

NP 100 The Mariner's Handbook (2004 Edition)

Pollution of the Sea — Ballast water

63

Paragraph 3.103 / Including heading *Replace by:*

Ballast water management for ships

3.103

- 1 International Guidelines have been adopted by the IMO to prevent the introduction of unwanted aquatic organisms and pathogens from ships' ballast water and sediment discharges into marine eco-systems. The Guidelines include the retention of ballast water onboard, ballast exchange at sea, ballast management aimed at preventing or minimising the uptake of contaminated water or sediment and the discharge of ballast ashore. Attention is particularly drawn to the hazards associated with exchanging ballast at sea.
- 2 Ship Owners and Agents are strongly advised to comply with these Guidelines which were introduced under IMO Resolution A.868 (20), entitled *1997 Guidelines for the Control and Management of Ships' Ballast Water to Minimize the Transfer of Harmful Aquatic Organisms and Pathogens*.
- 3 In February 2004 a Diplomatic Conference adopted an *International Convention for the Control and Management of Ships' Ballast Water and Sediments*. This *Ballast Water Management (BWM) Convention* will come into force world-wide 12 months after it has been signed by 30 states, representing 35 % of world merchant shipping tonnage.
- 4 Individual States are currently in the process of introducing national legislation in accordance with the *BWM Convention*, introduced above. On implementation, this legislation will be applicable to commercial vessels that carry out ballast water discharge within a state's jurisdictional waters.
- 5 Typical legislation requires that all ships intending to discharge ballast water within a state's jurisdictional waters shall conduct any exchange at least 200 nautical miles from the coast and in water at least 200 m in depth. If this is not possible exchange should be carried out as far as possible from the nearest land and in all cases at least 50 nautical miles from the coast. In cases where the ship is unable to comply, ballast water must be retained on board, and only a minimum amount may be authorised for discharge, with the prior authorisation of the appropriate National Maritime Authority.
- 6 Ballast water management will be conducted in accordance with a *Ship's BWM Plan*. In addition, a *Ballast Water Reporting Form*, may be required by the relevant authority, as directed, prior to the ETA. The *Ship's BWM Plan* will be approved by the flag administration or relevant classification societies.
Violations of the legislation will be sanctioned according to national law, which can include warnings, fines, detention or prohibition of the ship's entry into a port or terminal.
- 7 Further information can be obtained through National Authorities, the IMO, or the UK Maritime and Coastguard Agency (UK MCGA).

Website: www.mcga.gov.uk

UK Maritime and Coastguard Agency
Marine Information Notices 253(M+F) and 282(M)

[Ad 19/07]