



14 January 2011

Edition 1

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

AUSTRALIAN NOTICES TO MARINERS

Notices 28 – 80

List of Temporary and Preliminary Notices in force

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

- I. **Australian Notices to Mariners, including blocks and notes.**
- II. **Hydrographic Reports.**
- III. **Navigational Warnings.**

SUPPLEMENTS.

- I. **Tracings**
- II. **Cumulative List of Australian Notices to Mariners.**
- III. **Temporary and Preliminary Notices in force.**
- IV. **Amendments to Admiralty List of Lights and Fog Signals (Vol K),
Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing
Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).**

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IMPORTANT NOTICE

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.

GENERAL INSTRUCTIONS

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.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, 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).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website (www.hydro.gov.au) and through the eNotices (email) service (www.hydro.gov.au/enotices/enotices.htm).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service (www.hydro.gov.au/prodserv/distributors/distributors.htm). Copies of the notices may not be sold for profit without prior written agreement.

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28 AUSTRALIA - Product

Australian Hydrographic Service (AA512459)

New Chart

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 599 (INT 9037)	14/1/2011	Australian Antarctic Territory - Gibney Island to Kista Strait 67° 32' 00 S - 67° 40' 78 S 62° 14' 84 E - 62° 51' 18 E <i>New chart providing improved coverage of the western approaches to Mawson.</i>	1:25 000	Aus 5001	\$35.00

New Edition

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Price</i>
Aus 5000	14/1/2010	Australian Index of Nautical Charts - Northern Portion	\$17.50
Aus 5001	14/1/2010	Australian Index of Nautical Charts - Southern Portion	\$17.50

New Electronic Navigation Chart (Seafarer ENC)

<i>Cell Name</i>	<i>Released</i>	<i>Title</i>
AU311133	January 2010	Arafura Sea - New Year Island
AU438148	January 2010	Victoria - Red Bluff to Beware Reef
AU5173P1	January 2010	Tasmania - Little Oyster Cove

New Chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 653	Papua New Guinea - North East Coast - Plans in Papua New Guinea Plans: Langemak Bay and Finsch Harbour Dreger and Schneider Harbours	1:12 500 1:10 000	28 January 2011

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP 51	New Zealand Pilot (Eighteenth Edition 2010).	23/12/2010	The seventeenth edition is thereby cancelled.
NP 283(2)	Admiralty List of Radio Signals. Maritime Safety Information Services. The Americas, Far East and Oceania. Edition 2010/11.	23/12/2010	The 2010 edition is thereby cancelled.

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

29 AUSTRALIA - Product - Amendment to Seafarer Tides

Australian Hydrographic Service (AA510898)

A patch update is available from www.hydro.gov.au

30* AUSTRALIA - NEW SOUTH WALES - Two Fold Bay - Fish aggregating device northeastwards

Industry and Investment NSW (AA511055, AA511056, AA511296)

Aus 806 [581/2010]

Insert	special conical light buoy, <i>Fl.Y.5s</i> (Dec - Apr), with topmark	36° 58'.80 S	150° 14'.75 E
Delete	light buoy	36° 58'.8 S	150° 15'.7 E

31* AUSTRALIA - NEW SOUTH WALES - Beecroft Head - Fish aggregating device

Industry and Investment NSW (AA511055, AA511056, AA511296)

Aus 807 [1358/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	34° 57'.75 S	150° 58'.50 E
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Aus 808 [1358/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	34° 57'.75 S	150° 58'.50 E
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Delete	light buoy	34° 56'.2 S	150° 58'.2 E
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AX 0808E [1358/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	34° 57'.75 S	150° 58'.50 E
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Delete	light buoy	34° 56'.2 S	150° 58'.2 E
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32* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Molineux Point - Lights altered

Sydney Ports Corporation (AA510971)

Aus 198 [891/2010]

Amend	light to <i>Q.Bu 4M & Dir F.Al.WRG.17m</i>	33° 58'.93 S	151° 12'.54 E
	light to <i>Q.Bu 4M</i>	33° 58'.99 S	151° 12'.62 E

Aus 199 [890/2010]

Amend	light to <i>Q.Bu.23m 4M & Dir F.Al.WRG.17m</i>	33° 58'.93 S	151° 12'.54 E
	light to <i>Q.Bu.16m 4M</i>	33° 58'.99 S	151° 12'.62 E

33* AUSTRALIA - NEW SOUTH WALES - Cape Three Points - Fish aggregating device

Industry and Investment NSW (AA511055, AA511056, AA511296)

Aus 809 [1042/2010]

Move	light buoy	33° 30'.0 S	151° 38'.4 E
	to	33° 30'.03 S	151° 38'.59 E

AX 0809E [1042/2010]

Move	light buoy	33° 30'.0 S	151° 38'.4 E
	to	33° 30'.03 S	151° 38'.59 E

34* AUSTRALIA - NEW SOUTH WALES - Mermaid Reef - Fish aggregating device

Industry and Investment NSW (AA511055, AA511056, AA511296)

Aus 811 [1362/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	31° 47'.0 S	152° 55'.2 E
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35* AUSTRALIA - NEW SOUTH WALES - Point Danger - Fish aggregating device

Industry and Investment NSW (AA511055, AA511056, AA511296)

Aus 813 [693/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	28° 09'.73 S	153° 41'.00 E
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Aus 814 [1106/2010]

Insert	special conical light buoy, <i>Fl.Y.5s (Dec - Apr)</i> , with topmark	28° 09'.83 S	153° 40'.94 E
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36* AUSTRALIA - QUEENSLAND - Brisbane River - Port limit

Australian Hydrographic Service (DHDB 1670030)

Aus 237 [1107/2010]

Insert	dashed magenta line with legend <i>Brisbane Port Limit</i> , between	27° 22'.683 S	153° 09'.608 E
		27° 22'.484 S	153° 09'.765 E
		27° 18'.650 S	153° 10'.134 E
	dashed magenta line with legend <i>Brisbane Port Limit</i> , between	27° 23'.114 S	153° 10'.776 E
		27° 22'.826 S	153° 10'.977 E
		27° 22'.377 S	153° 12'.867 E
	dashed magenta line with legend <i>Brisbane Port Limit</i> , between	27° 25'.514 S	153° 10'.179 E
		27° 25'.172 S	153° 11'.488 E
		27° 25'.012 S	153° 11'.442 E
		27° 23'.914 S	153° 10'.568 E
		27° 23'.980 S	153° 10'.171 E
		27° 23'.710 S	153° 10'.359 E

37* AUSTRALIA - QUEENSLAND - Pialba - Radio masts

Australian Hydrographic Service (AA510653)

Aus 241 [1047/2010]

Insert	radio mast with legend, (<i>R Lts</i>)	25° 18'.12 S	152° 47'.26 E
Substitute	radio mast for tower	25° 18'.1 S	152° 47'.2 E
Delete	tower with legend, (<i>R Lts</i>)	25° 18'.3 S	152° 47'.3 E

Aus 365 [1298/2010]

Delete	mast with legend, (<i>R Lts</i>)	25° 16'.4 S	152° 49'.6 E
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Aus 817 [1160/2010]

Delete	mast with legend, (<i>R Lts</i>)	25° 16'.4 S	152° 49'.7 E
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38* AUSTRALIA - QUEENSLAND - Rodds Peninsula to Facing Island - Light buoys established
Maritime Safety Queensland Notice 1090(T)/2010 (AA511240, AA511383, AA511384)

Aus 245 [1224/2010]

Insert	special cylindrical light buoy, Q.Y, without topmark	23° 47'.639 S	151° 22'.958 E
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Aus 246 [899/2010]

Insert	special cylindrical light buoy, Q.Y, without topmark	23° 59'.913 S	151° 34'.987 E
	special cylindrical light buoy, Q.Y, without topmark	23° 52'.027 S	151° 27'.187 E

Delete	depth, 13 ₇ m	23° 51'.97 S	151° 27'.18 E
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Aus 819 [1223/2010]

Insert	special cylindrical light buoy, Q.Y, without topmark	23° 59'.91 S	151° 34'.99 E
	special cylindrical light buoy, Q.Y, without topmark	23° 52'.03 S	151° 27'.19 E
	special cylindrical light buoy, Q.Y, without topmark	23° 50'.04 S	151° 25'.70 E
	special cylindrical light buoy, Q.Y, without topmark	23° 47'.64 S	151° 22'.96 E

Delete	depth, 14 ₃ m	23° 50'.0 S	151° 25'.9 E
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39* AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Light beacons established
Maritime Safety Queensland Notice 1109/2010 (AA511360)

Aus 252 [1225/2010]

Insert	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.50 S	148° 43'.64 E
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Delete	depth, 3 ₆ m	20° 15'.3 S	148° 43'.6 E
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Aus 253 [1226/2010]

Insert	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.498 S	148° 43'.642 E
	light beacon, Fl.R.2-5s, with port lateral topmark	20° 15'.720 S	148° 43'.677 E
	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.942 S	148° 43'.645 E

Delete	depth, 1 ₂ m	20° 15'.94 S	148° 43'.71 E
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Aus 268 (plan, Airlie Beach) [949/2010]

Insert	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.498 S	148° 43'.642 E
	light beacon, Fl.R.2-5s, with port lateral topmark	20° 15'.498 S	148° 43'.675 E
	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.720 S	148° 43'.644 E
	light beacon, Fl.R.2-5s, with port lateral topmark	20° 15'.720 S	148° 43'.677 E
	light beacon, Fl.G.2-5s, with starboard lateral topmark	20° 15'.942 S	148° 43'.645 E
	light beacon, Fl.R.2-5s, with port lateral topmark	20° 15'.942 S	148° 43'.680 E

40* AUSTRALIA - QUEENSLAND - Palm Passage - Light buoy established
Australian Institute of Marine Science (AA510554)

Aus 828 [739/2010]

Insert	special pillar light buoy, Fl.Y.5s, with topmark	18° 28'.14 S	146° 52'.35 E
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Delete	depth, 14 ₃ m	18° 28'.1 S	146° 52'.2 E
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41* AUSTRALIA - TIMOR SEA - Sahul Banks - Chart note
UKHO (AA511271)

Aus 314 [1306/2010]

Delete	note, FLOATING PRODUCTION FACILITY	12° 38'.0 S	125° 47'.0 E
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AX 0314F [1306/2010]

Delete	note, FLOATING PRODUCTION FACILITY	12° 38'.0 S	125° 47'.0 E
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42* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacons established; lights discontinued

Former Notice - 1143(P)/2010 is cancelled

Port Hedland Port Authority (AA510428, AA510429, AA510430, AA510652, AA511515)

Aus 54 [1114/2010]

Insert	light beacon, <i>F.R.</i> , with triangular topmark apex up	20° 19'.709 S	118° 35'.294 E
	light beacon, <i>F.R.</i> , with triangular topmark apex down	20° 19'.746 S	118° 35'.371 E
	a dashed line in a direction 296.8° for a distance of 1900m with legend, <i>Nelson 116.8°</i> , emanating from light	20° 19'.746 S	118° 35'.371 E
Delete	light beacon	20° 19'.52 S	118° 34'.95 E
	light beacon	20° 19'.54 S	118° 35'.00 E
	dashed line with legend, <i>Nelson 116.9°</i> , emanating from light beacon	20° 19'.54 S	118° 35'.00 E
	light	20° 19'.06 S	118° 34'.04 E
	dashed line with legend, <i>Leslie 287.5°</i> , emanating from light	20° 19'.03 S	118° 33'.96 E

43* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Lights altered

Fremantle Port Authority (AA510575 - AA510578)

Aus 113 [1370/2010]

Insert	a dashed line in a direction 237.2° for a distance of 360m with legend, <i>057.2°</i> , emanating from light	32° 02'.418 S	115° 45'.226 E
Move	light to	32° 02'.42 S 32° 02'.418 S	115° 45'.22 E 115° 45'.226 E
Delete	dashed line with legend, <i>062.4°</i> , emanating from light	32° 02'.42 S	115° 45'.22 E

44* AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Light buoy established

Department of Transport WA (AA510412 - AA510415)

Aus 115 (plan, Port of Bunbury) [1238/2010]

Insert	isolated danger spar light buoy, <i>F(2)10s</i> , without topmark	33° 18'.718 S	115° 38'.229 E
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45* AUSTRALIA - TASMANIA - River Tamar - She-Oak Point to Bell Bay - Lights altered

Tasports (AA511443)

Aus 167 [1372/2010]

Amend	light to <i>F.R(vert) 19m 10M</i>	41° 04'.80 S	146° 48'.47 E
	light to <i>F.R(vert) 11m 10M</i>	41° 04'.68 S	146° 48'.26 E
	light beacon to <i>Iso.G.2s</i>	41° 05'.41 S	146° 48'.06 E
	light beacon to <i>Fl(2).R.5s</i>	41° 08'.76 S	146° 50'.77 E

Delete	white and red light sectors emanating from light	41° 04'.68 S	146° 48'.26 E
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Aus 167 (plan, Bell Bay)

Amend	light beacon to <i>Fl(2).R.5s Bell Bay No2</i>	41° 08'.76 S	146° 50'.77 E
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Aus 799 [1372/2010]

Amend	light to <i>F.R(vert) 11m 10M</i>	41° 04'.7 S	146° 48'.3 E
	light to <i>F.R(vert) 19m 10M</i>	41° 04'.8 S	146° 48'.5 E

46* AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoys established

Victorian Notice 139(T)/2010 (AA511261)

Aus 153 [705/2010]

Insert	special conical light buoy, <i>Fl.Y.5s</i> , with topmark	38° 05'.560 S	144° 24'.200 E
	special conical light buoy, <i>Fl.Y.5s</i> , with topmark	38° 07'.616 S	144° 24'.184 E

Aus 157 [1247/2010]

Insert	special conical light buoy, <i>Fl.Y.5s</i> , with topmark	38° 05'.560 S	144° 24'.200 E
	special conical light buoy, <i>Fl.Y.5s</i> , with topmark	38° 07'.616 S	144° 24'.184 E

47* AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Nav aids*Former Notice - 1348(P)/2010 is cancelled*

Victorian Notice 141/2010 (AA511187)

Aus 155 [1315/2010]

Insert	south cardinal light beacon, <i>VQ(6)+LFl.10s</i> , with topmark	37° 52'.329 S	144° 58'.212 E
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Delete	depth, 0 ₈ m	37° 52'.24 S	144° 58'.21 E
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Aus 155 (plan, St. Kilda)

Insert	special cylindrical buoy, without topmark	37° 51'.778 S	144° 58'.135 E
	special cylindrical buoy, without topmark	37° 51'.675 S	144° 58'.063 E
	special cylindrical buoy, without topmark	37° 51'.534 S	144° 57'.857 E

48(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information*Former Notice - 1377(T)/2010 is cancelled*

Newcastle Port Corporation (AA511254)

Available depths as at 21 December 2010:

<i>Berth</i>	<i>Metres</i>
Western Basin 3	11.6
* Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
* Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.8
Dyke 2	12.8
Dyke 4	16.5
Dyke 5	16.5
Dyke 6	6.3
Mayfield 4 Ch 27 to 266	12.8
* BHP Wharf 6 to Ch 1050	7.9
Kooragang 2	11.6
Kooragang 2 North Dolphin Ch 182 to 228	11.1
Kooragang 2 South Dolphin Ch -92 to 00	10.9
Kooragang 3	13.3
* Kooragang 4	16.5
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang 8	15.6
Kooragang 9	15.6
* Kooragang Ship Receival KSR	7.5
Throsby 1	9.3
Carrington wharf	To be sounded as and when required
* Foreshore Park Berth	5.9
Elgo wharf	To be sounded as and when required
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Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.1
Entrance Channel to Horseshoe	15.2
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Swinging Basin to Mayfield 4	12.8
Hunter River South Arm (Kooragang 6 to Kooragang 9)	15.0
* Basin Cutting	12.8
Basin Area to Eastern & Western Basin Berths	12.3
Basin Area to 1 Throsby	10.0
Stockton Crossing	3.6
* Indicates revised entry.	

Chart temporarily affected – Aus 207 – Aus 208

49(T)/2011 AUSTRALIA - NEW SOUTH WALES - Clarence River - Nav aids off station; nav aids destroyed; depths unreliable; obstructions

NSW Maritime Notice NC1105/2011 (AA512489)

Nav aids in the Clarence River (29° 25'.0 S 153° 21'.0 E) may be off station or destroyed due to flooding. Depths may vary to those charted and underwater obstructions may exist.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 222

50(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 836(T)/2009 is cancelled

Maritime Safety Queensland Notice 1102(T)/2010 (AA511200)

Available depths as at 15 December 2010:

	<i>Metres</i>
Centre line leads (255°)	5.3
Southern approach leads (291°)	5.7

Shoal areas, with a least depth of 3.9m, exist north of the centre line leads, approximately 770m north east of the seaway south wall.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

51(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling

Former Notice - 837(T)/2009 is cancelled

Maritime Safety Queensland Notice 1101(T)/2010 (AA511199)

Shoaling, with a least depth of 2.6m, exists in the North Channel between 27° 55'.86 S 153° 25'.30 E and 27° 55'.66 S 153° 25'.09 E.

Deeper water to 3.5m is found on the eastern side of the channel centre line.

Shoaling, with a least depth of 3.6m, exists in the South Channel between 27° 56'.20 S 153° 25'.49 E and 27° 56'.11 S 153° 26'.01 E.

Deeper water to 4.5m is found to the west of the channels centre line.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 230

52(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information

Former Notice - 1320(T)/2010 is cancelled

Port of Brisbane Corporation (AA511258)

Available depths and under keel clearances (UKC) at 22 December 2010:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No10	14.1	
Fisherman Islands No9	14.1	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.2	
Fisherman Islands No6	14.0	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	
Fisherman Islands No3	14.1	
* Fisherman Islands No2	14.0	
Fisherman Islands No1	14.1	
Fisherman Islands Grain and Woodchip	13.1	
* Caltex Fisherman Islands	14.5	
* BP Luggage Point	14.5	
Fisherman Islands Coal	13.7	
* Fisherman Islands General Purpose	11.5	
Caltex Products	10.0	
Cement Australia Co Wharf	9.8	
BP Products	10.9	
* Shell	10.9	
Pacific Terminals	10.8	
* Incitec North	10.1	
* Incitec South	10.4	
* Pinkenba 1	10.4	
* Pinkenba 2	10.4	
Riverside Marina	5.0	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	6.6	
Cairncross Breasting Wharf	6.5	
Brisbane Naval Wharf	4.8	
Maritime No3	6.5	(not maintained)
* Maritime No2	10.3	
* Maritime No1	9.1	
Hamilton No4	10.3	
* Hamilton No1	8.8	
* Brisbane Cruise Ship Terminal	8.8	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay :</i>		
North East Channel	5.5	1.5
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width)
East Knoll Bypass Channel	6.9	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River :</i>		
Entrance Beacons and Bar Cutting	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 - 0.9

*Indicates new or revised entry.

Chart temporarily affected – Aus 235 – Aus 236 – Aus 237 – Aus 238

53(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Harbour works completed*Former Notice - 1322(T)/2010 is cancelled*

Maritime Safety Queensland Notice 993(T)/2010 (AA505774)

Cancel this notice on receipt.

Chart formerly affected – Aus 236 - AU428153**54(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Obstructions**

Maritime Safety Queensland Notice 36(T)/2011 (AA512482)

Nav aids in the Brisbane River (27° 23'.0 S 153° 10'.0 E) may be off station or destroyed due to flooding.

Large quantities of navigational hazards exist in the area and underwater obstructions may be prevalent.

Vessels are undertaking salvage operations and mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 237 – Aus 238**55(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Mooring buoys**

Maritime Safety Queensland Notice 37(T)/2011 (AA512483)

Unlit mooring buoys exist in positions:

27° 20'.80 S 153° 07'.11 E

27° 20'.73 S 153° 07'.11 E

27° 20'.66 S 153° 07'.12 E

27° 24'.07 S 153° 09'.61 E

27° 24'.06 S 153° 09'.65 E

Chart temporarily affected – Aus 236 – Aus 237**56(T)/2011 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck**

Maritime Safety Queensland Notice 30(T)/2011 (AA511951)

A wreck marked by a special light buoy, *Fl.Y.1-5s*, exists in position 25° 39'.64 S 152° 58'.48 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 240 – Aus 817**57(T)/2011 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Nav aids off station; nav aids destroyed; depths unreliable; obstructions**

Maritime Safety Queensland Notice 22(T)/2011 (AA511663)

Nav aids in the Burnett River (24° 45'.3 S 151° 24'.0 E) may be off station or destroyed due to flooding. Depths may vary to those charted and underwater obstructions may exist.

Mariners are advised to avoid navigating in the Burnett River until further notice.

Chart temporarily affected – Aus 242

58(T)/2011 AUSTRALIA - QUEENSLAND - Boyne River - Nav aids off station; nav aids destroyed
 Maritime Safety Queensland Notice 1097(T)/2010 (AA511612)

Nav aids in the Boyne River (23° 56'.5 S 151° 21'.3 E) may be off station or destroyed due to flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 246

59(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Anchorage area
 Maritime Safety Queensland Notice 27(T)/2011 (AA511950)

A small craft anchorage exists within an area bounded by the following positions:

23° 45'.0 S 151° 09'.8 E
 23° 45'.0 S 151° 10'.0 E
 23° 46'.4 S 151° 10'.1 E
 23° 46'.4 S 151° 10'.4 E.

Mooring buoys exist within the area.

Permission must be obtained from Gladstone Port Corporation prior to anchoring or mooring within the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245

60(T)/2011 AUSTRALIA - QUEENSLAND - Fitzroy River - Light buoys off station
 Maritime Safety Queensland Notice 1089(T)/2010 (AA511745)

Nav aids in the Fitzroy River (23° 31'.0 S 150° 50'.0 E) may be off station due to flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 247 – Aus 819

61(T)/2011 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Harbour works completed
Former Notice - 853(T)/2010 is cancelled
 Maritime Safety Queensland (AA511682)

Cancel this notice on receipt.

Chart formerly affected – Aus 247 - AU5247P2

62(P)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Light beacons established

Date - On or about 14 January 2011

Maritime Safety Queensland Notice 1109/2010 (AA511360)

Light beacons exist as follows:

<i>Positions</i>	<i>Remarks</i>
20° 16'.06 S 148° 43'.63E	special light beacon with topmark, <i>Fl.Y.2.5s</i> ,
20° 16'.17 S 148° 43'.68E	light beacon with starboard lateral topmark, <i>Fl.R.2.5s</i> ,
20° 16'.16 S 148° 43'.64E	light beacon with starboard lateral topmark, <i>Fl.G.2.5s</i> ,
20° 16'.27 S 148° 43'.66E	light beacon with port lateral topmark, <i>Fl.R.2.5s</i> ,
20° 16'.22 S 148° 43'.62E	special light beacon with topmark, <i>Fl.Y.2.5s</i> ,
20° 16'.32 S 148° 43'.66E	light beacon with port lateral topmark, <i>Fl.R.2.5s</i> ,
20° 16'.32 S 148° 43'.60E	light beacon with starboard lateral topmark, <i>Fl.G.2.5s</i> ,
20° 16'.40 S 148° 43'.60E	light beacon with port lateral topmark, <i>Fl.R.2.5s</i> .

Note: a block update will be applied in due course on receipt of survey data.

Chart which will be affected – Aus 252 – Aus 253 – Aus 268**63(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations**

Date - Until 4 March 2011

Maritime Safety Queensland Notice 1096(T)/2010 (AA511221)

Dredging operations are in progress in Marlin Marina (16° 55'.15 S 145° 46'.91 E).

Special light buoys, Q, mark the anchors deployed by the barge.

Chart temporarily affected – Aus 262 – Aus 263 – AX 63262**64(T)/2011 PAPUA NEW GUINEA - Eastern Fields - Seismic survey northwestwards**

Date - Until 5 April 2011

National Maritime Safety Authority PNG Notice 6/2011 (AA512484)

MV *BGP Explorer* is conducting a survey in an area bounded by the following positions:

9° 48'.0 S 145° 17'.0 E
 9° 59'.0 S 145° 27'.0 E
 9° 44'.0 S 145° 42'.0 E
 9° 35'.0 S 145° 32'.0 E.

Chart temporarily affected – Aus 377 – AX 60377**65(T)/2011 PAPUA NEW GUINEA - Port Moresby to Kerema Bay - Seismic survey**

Date - Until 10 March 2011

National Maritime Safety Authority PNG Notice 6/2011 (AA512484)

MV *HaiYangShiYou 719* is conducting a survey in an area bounded by the following positions:

8° 30'.0 S 145° 48'.0 E
 9° 00'.0 S 146° 24'.0 E
 9° 45'.0 S 147° 13'.0 E
 9° 50'.0 S 147° 08'.0 E
 8° 42'.0 S 145° 37'.0 E.

Chart temporarily affected – Aus 377 – Aus 379 – Aus 505 – Aus 621 – AX 60377

66(T)/2011 PAPUA NEW GUINEA - Caution Bay - Harbour works*Date - Until 31 January 2013*

National Maritime Safety Authority PNG Notice 46/2010 (AA511164)

Works associated with the construction of a jetty are in progress within an area bounded by the following positions:

9° 20' 01 S 146° 58' 80 E
 9° 21' 27 S 146° 59' 22 E
 9° 21' 21 S 146° 59' 84 E
 9° 20' 58 S 146° 59' 61 E
 9° 20' 50 S 147° 00' 43 E
 9° 19' 97 S 147° 00' 23 E.

A 2M exclusion zone exists from the outside this area and a 0.25M exclusion zone exists around all vessels associated with the works.

All hazards to navigation will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 379**67(T)/2011 AUSTRALIA - QUEENSLAND - Weipa - Depth information***Former Notice - 391(T)/2010 is cancelled*

Maritime Safety Queensland Notice 18(T)/2011 (AA511659)

Available depths as at 6 January 2011:

	<i>Metres</i>
Weipa Approaches	11.1
South Channel	11.1
* Departure Channel	11.1
Cora Bank South Channel	7.3
Humbbug Point Approaches	8.6
Humbbug Point Berth	9.5
Evans Landing	9.6
Lorim Point East	12.3
Lorim Point West	12.3

* Indicates new or revised entry

Chart temporarily affected – Aus 4**68(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Lacepede Islands to James Price Point - Scientific instruments***Date - Until 31 July 2011*

MetOcean Engineers (AA511743)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
17° 29' 44 S 121° 53' 42 E	lit buoy, <i>Fl(5)Y.20s</i>
17° 29' 12 S 121° 53' 25 E	lit buoy, <i>Fl(5)Y.20s</i>
16° 47' 62 S 121° 43' 70 E	lit buoy, <i>Fl(5)Y.20s</i>

Chart temporarily affected – Aus 323 – Aus 324

69(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys

Date - Until 29 November 2011

Chevron Australia Pty Ltd (AA511777)

Lit yellow mooring buoys, *Fl.Y.10s*, exist in positions (WGS84 datum):

21° 05'.93 S 115° 30'.83 E	21° 02'.44 S 115° 29'.08 E
20° 57'.74 S 115° 28'.07 E	20° 54'.52 S 115° 32'.33 E
20° 54'.36 S 115° 32'.25 E	20° 54'.09 S 115° 27'.74 E
20° 53'.06 S 115° 30'.78 E	20° 51'.73 S 115° 28'.09 E
20° 51'.61 S 115° 31'.95 E	20° 51'.56 S 115° 29'.54 E
20° 50'.30 S 115° 30'.18 E	20° 50'.13 S 115° 30'.25 E
20° 49'.95 S 115° 30'.35 E	20° 49'.92 S 115° 30'.35 E
20° 49'.85 S 115° 30'.40 E	20° 49'.53 S 115° 29'.20 E
20° 49'.52 S 115° 28'.54 E	20° 49'.32 S 115° 30'.67 E
20° 49'.01 S 115° 30'.83 E	20° 48'.58 S 115° 28'.59 E
20° 48'.38 S 115° 28'.95 E	20° 48'.30 S 115° 30'.30 E
20° 48'.04 S 115° 28'.52 E	20° 47'.39 S 115° 29'.94 E
20° 47'.28 S 115° 30'.63 E	20° 47'.10 S 115° 30'.02 E
20° 47'.04 S 115° 29'.78 E	20° 46'.79 S 115° 29'.29 E
20° 44'.16 S 115° 29'.05 E	20° 44'.00 S 115° 29'.16 E
20° 41'.19 S 115° 24'.75 E	20° 37'.86 S 115° 35'.19 E
20° 33'.33 S 115° 34'.32 E	20° 30'.47 S 115° 33'.85 E.

Chart temporarily affected – Aus 61 – Aus 62 – Aus 63 – Aus 327 – Aus 328 – Aus 742 – Aus 743**70(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information***Former Notice - 1340(T)/2010 is cancelled*

Fremantle Ports (AA512171)

Available depths as at 10 January 2011:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
No 4	12.4
No 5	12.4
* No 6	14.0 (east from bollard 36)
* No 7	14.0 (east from bollard 36)
* No 8	14.0
* No 9	14.0
* No 10	14.0
No 11	10.2
No 12	10.8
C	10.4
D	11.0
E	10.5
F	10.4
G	10.5
H	10.3

* Indicates new or revised entry.

Maximum draft of vessels using inner harbour berths must be obtained by contacting the Harbour Master's office.

Chart temporarily affected – Aus 113

71(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works*Date - Until 30 June 2011*

Department of Transport WA Notice 145/2010 (AA512206)

Works associated with the construction of a marina are in progress (32° 06'.00 S 115° 45'.55 E).

An exclusion zone marked by special light buoys exists within the marina and only vessels authorised by the Department of Transport may access the area.

Chart temporarily affected – Aus 117 – AX 70117

72(T)/2011 AUSTRALIA - TASMANIA - North West Bay - Beacon destroyed

Marine and Safety Tasmania Notice M5/2011 (AA512451)

The port lateral beacon (43° 02'.90 S 147° 16'.43 E) has been destroyed; a port lateral buoy has been established in situ.

Chart temporarily affected – Aus 171 – Aus 173 – Aus 174 – Aus 796

73(T)/2011 AUSTRALIA - BASS STRAIT - Drilling operations completed*Former Notice - 1282(T)/2010 is cancelled*

Aventus Consulting (AA503337)

Cancel this notice on receipt.

Chart formerly affected – Aus 487 - AU340145

74(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Entrance Deep - Underwater survey work*Date - Until 16 April 2011*

Victorian Notice 6(T)/2011 (AA512240)

Diving and Remote Operating Vehicle (ROV) surveys of the Rip Bank will be conducted along the Entrance Deep (38° 17'.9 S 144° 38'.1 E) during the following periods:

17 to 21 January 2011,
 31 January to 5 February 2011,
 15 to 19 February 2011,
 28 February to 4 March 2011,
 15 to 19 March 2011,
 29 March to 3 April 2011,
 13 to 16 April 2011.

The surveys will commence at times of predicted slack water and continue up to one hour thereafter.

RV *Orca II* will be conducting the survey operations and can be contacted on VHF Ch 12 and Ch 16 or on mobile 0407088850.

Diving operations will be conducted from the vessel *Barwon Pride* and can be contacted on VHF Ch 12 and Ch 16 or on mobile 0417553299.

The entrance channels may be closed to shipping during certain periods when underwater activities take place in the Great Ship Channel.

The Eastern Ship Channel and Outer Eastern Channel may 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 VTS on VHF Ch 12.

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

Mariners are advised to navigate with caution in the area.

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

14 January 2011

75(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Altona - Harbour works completed*Former Notice - 576(T)/2010 is cancelled*

Victorian Notice 1(T)/2011 (AA512261)

Cancel this notice on receipt.

Chart formerly affected – Aus 143 – Aus 155 - AU438144**76(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works completed***Former Notice - 1288(T)/2010 is cancelled*

Victorian Notice 1(T)/2011 (AA512261)

Cancel this notice on receipt.

Chart formerly affected – Aus 154 – Aus 155 - AU438144 - AU5XX154**77(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Appleton Dock - Harbour works***Date - Until 31 August 2011*

Victorian Notice 2(T)/2011 (AA512223)

Works associated with the remediation of berths B to D are in progress (37° 49'.07 S 144° 55'.20 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154**78(T)/2011 AUSTRALIA - VICTORIA - Lakes Entrance - Cunninghame Arm - Harbour works completed***Former Notice - 741(T)/2009 is cancelled*

Victorian Notice 1(T)/2011 (AA512261)

Cancel this notice on receipt.

Chart formerly affected - Aus182**79(T)/2011 PACIFIC OCEAN - South Fiji - Light buoy off station**

Australian Bureau of Meteorology (AA512200)

The light buoy, *Fl. Y. 2s* (26° 04'.0 S 176° 00'.0 E), is drifting and currently in position 25° 27'.78 S 175° 45'.90 E (11 Jan 2011).**Chart temporarily affected – Aus 4602 (INT 602)****80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES***Former Notice - 1103(T)/2010 is cancelled*

Australian Hydrographic Service (AA512503)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1424/2010	Aus357-487	BASS STRAIT Drilling operations
317/2006	Aus191	NEW SOUTH WALES <i>Batemans Bay</i> Shoaling; buoy
1113/2009	Aus198-199-AU5198X9	<i>Botany Bay</i> Harbour works
1376/2010	Aus198-199	Light buoys

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1318/2010	Aus197-204-215-424-489-809-4643-AX0809E-67215	<i>Broken Bay</i> Barrenjoey Head-Light range reduced
49/2010	Aus197-808-809-AX0808E-0809E-63200-AU434151	<i>Cape Baily to Ben Buckler</i> Scientific instruments
49/2011	Aus222	<i>Clarence River</i> Nav aids off station; nav aids destroyed; depths unreliable; obstructions
708/2008	Aus195-197-806-807-808-809-810-811-812-813-AX0808E-0809E	<i>Green Cape to Ballina Head</i> Scientific instruments
847/2010	Aus219-AU5219P3	<i>Hastings River</i> Light discontinued
1009/2009	Aus197-200-201-AX63200-AU5X200E	<i>Manly</i> Scientific instruments
919/2010	Aus207-208-809-AX0809E	<i>Newcastle</i> Obstructions
1378/2010	Aus810	Drilling operations
48/2011	Aus207-208	Depth information
167/2010	Aus200-202-AU5X200E	<i>Port Jackson</i> Scientific instrument
707/2010	Aus194-195	<i>Port Kembla</i> Obstruction; light buoy established
917/2010	Aus194	Depth information
918/2010	Aus195-808-AX0808E	Obstructions
1374/2010	Aus194-195	Dredging operations
NORTHERN TERRITORY		
767/2010	Aus24-27-28-AU5XXX24	<i>Darwin</i> Depth information
950/2004	Aus309-311-315	<i>Troubadour Shoals</i> Scientific instruments
QUEENSLAND		
381/2010	Aus251-AU421148	<i>Acacia Island</i> Light beacon destroyed
819/2008	Aus252-253-268-AU5268P2	<i>Airlie Beach</i> Light buoys established
667/2009	Aus252-253-268-AU5268P2	Wreck
62/2011	Aus252-253-268	Muddy Bay-Light beacons established
729/2009	Aus4-701-AU413141	<i>Albatross Bay</i> Scientific instruments
505/2010	Aus365-AU427153	<i>Arkwright Point</i> Scientific instrument
716/2010	Aus254-825-AU320149	<i>Barb Reef</i> Beacon destroyed
1132/2010	Aus252-254-825	<i>Bird Island to Groper Point</i> Nav aids
845/2009	Aus252-254-AU5254P2	<i>Black Island</i> Light beacon destroyed
58/2011	Aus246	<i>Boyne River</i> Nav aids off station; nav aids destroyed
1090/2006	Aus238	<i>Brisbane River</i> Lights altered
560/2010	Aus236-237-AU428153-5237X8	Whyte Island-Harbour works
965/2010	Aus238-AU5237X8	Shoaling
1123/2010	Aus237	Harbour works
1381/2010	Aus238	South Brisbane Reach-Lights buoys established
52/2011	Aus235-236-237-238	Depth information
54/2011	Aus237-238	Obstructions
55/2011	Aus236-237	Mooring buoys

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
561/2010	Aus242-AU5XX242	<i>Bundaberg</i> Inner Reach-Light beacon damaged
922/2010	Aus242	Shoaling
968/2010	Aus242-243	Depth information
1386/2010	Aus242	Anchoring prohibited
57/2011	Aus242	Nav aids off station; nav aids destroyed; depths unreliable; obstructions
327/2010	Aus262-263-264-830-AX63262-AU417145-5262X4	<i>Cairns</i> Depth information
63/2011	Aus262-263-AX63262	Dredging operations
114/2008	Aus826-827	<i>Cape Bowling Green</i> Scientific instrument
1395/2010	Aus256-827	<i>Cape Cleveland</i> Scientific instrument
717/2010	Aus256-827-AU320147	<i>Cape Ferguson</i> Scientific instruments
94/2009	Aus826-827-AU320147	<i>Cape Upstart</i> Wreck northwards
755/2008	Aus371-372-827-828	<i>Cassady</i> Light beacon destroyed
1138/2010	Aus256-827	<i>Cleveland Bay</i> Scientific instruments
804/2010	Aus246-819-AU424151	<i>Colosseum Inlet</i> Obstruction
1136/2009	Aus270-AU5270P6	<i>Cooktown</i> Light buoy repositioned; light buoy established
929/2010	Aus270	Depth information
175/2010	Aus249-823-AX0249E-0823E-AU422149	<i>Coral Point</i> Light beacon destroyed
971/2010	Aus830	<i>Double Island</i> Scientific instrument
60/2011	Aus247-819	<i>Fitzroy River</i> Light buoys off station
1445/2009	Aus246-AU424151	<i>Gladstone</i> Boyne Cutting-Light beacon destroyed; light buoy established
171/2010	Aus246-AU424151	Boyne River-Light beacons destroyed
673/2010	Aus246-819-AU424151	South Channel-Scientific instrument
760/2010	Aus244-245-AU5244X5	Fishermans Landing to Curtis Island-Pipeline
1128/2010	Aus244-245	Dredging operations
1258/2010	Aus244-245	Harbour works
1389/2010	Aus244-245-246	Depth information
1390/2010	Aus244-245	Scientific instruments
1392/2010	Aus245	Harbour works; light buoys established
59/2011	Aus245	Anchorage area
1081/2010	Aus258	<i>Gladys Inlet</i> Shoaling; light buoys repositioned
50/2011	Aus230	<i>Gold Coast Seaway</i> Shoaling
51/2011	Aus230	Shoaling
1099/2008	Aus828-AU419146	<i>Goold Island</i> Wreck
174/2010	Aus366-367-819-820-AX0367E-0820E-AU424150	<i>Great Keppel Island</i> Light beacon destroyed
56/2011	Aus240-817	<i>Great Sandy Strait</i> Wreck
964/2009	Aus249-250-AU5250P2	<i>Hay Point</i> Depth information
1329/2010	Aus249-250	Depth information

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
855/2010	Aus249-250-823-824-AX0249E-0823E	<i>Hay Point to Bailey Islet</i> Scientific instruments
436/2010	Aus236-364-814-AU428153	<i>Henderson Rock</i> Wreck
111/2008	Aus819	<i>Heron Island</i> Scientific instruments
318/2010	Aus251-823-824-AX0823E-AU421149	<i>Hesket Rock</i> Light beacon destroyed
1197/2010	Aus259-828	<i>Hinchinbrook Channel</i> Wreck
1195/2010	Aus252	<i>Hook Island</i> Nara Inlet-Light beacon destroyed; light buoy established
930/2007	Aus254-825	<i>Hook Reef</i> Beacon destroyed
1188/2010	Aus251-252-824	<i>Io Reef</i> Light beacon destroyed; light buoy established
1051/2008	Aus6	<i>Karumba</i> Light beacon withdrawn
766/2010	Aus6	Depth information
1052/2006	Aus252	<i>Laguna Quays</i> Reduced depth
444/2010	Aus252-AU5252P1	Lights unlit; light beacons damaged
1257/2010	Aus819	<i>Laird Point</i> Scientific instrument
613/2010	Aus247-819-820-AU424151	<i>Lisa Jane Shoals</i> Scientific instrument
118/2008	Aus832	<i>Lizard Island</i> Scientific instruments
1330/2010	Aus250	<i>Mackay</i> Depth information
1194/2010	Aus252	<i>Macona Inlet</i> Light beacon destroyed; light buoy established
1383/2010	Aus235	<i>Mooloolaba</i> Shoaling
710/2008	Aus235-236	<i>Moreton Bay</i> Light buoys established
84/2009	Aus236	Rous Channel-Shoaling
662/2009	Aus236	Cleveland Point-Light beacon unlit
128/2010	Aus236-AU428153	Redcliffe-Scientific instrument southeastwards
712/2010	Aus236-AU428153	Deception Bay-Obstruction
803/2010	Aus236-AU428153	Cabbage Tree Head-Shoaling
851/2010	Aus235	North Banks-Scientific instrument
966/2010	Aus236	Bramble Bay-Bridge construction
1012/2010	Aus236-237-AU428153-5237X8	Fisherman Islands-Lights established
1183/2010	Aus236	Pelican Banks-Wreck; light buoy established
1252/2010	Aus236	Scarborough-Shoaling
1321/2010	Aus236	Ship to ship transfer
387/2010	Aus258-829-AU418146-5258P1	<i>Mourilyan</i> Light beacon unlit
1396/2010	Aus258	Depth information
135/2010	Aus258-AU5258P1	<i>Mourilyan Harbour</i> Harbour works
1244/2006	Aus268	<i>Pioneer Bay</i> Harbour works; light buoys.
848/2010	Aus230-813-814	<i>Point Danger to Point Lookout</i> Scientific instruments
1019/2009	Aus265-AU5247P1	<i>Port Alma</i> Depth information

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
621/2010	Aus270-AU5270P1	Port Douglas Depth information Prince of Wales Channel
1198/2010	Aus292-293	AIS trial Proserpine River
445/2010	Aus252-824-AU421148	Light beacon destroyed; light beacon damaged Rocky Point
170/2009	Aus829-AU418146	Light beacon withdrawn Schooner Rock
1187/2010	Aus251-824	Light beacon destroyed; light buoy established Seaforth
380/2010	Aus251-AU421148	Light beacon destroyed Shute Harbour
763/2010	Aus252-253-AU421148-5253P1	Wreck Southport
963/2010	Aus230	Dredging operations Surprise Rock
1191/2010	Aus252-253-824	Light beacon destroyed; light buoy established Swains Reef
311/2008	Aus367-426	Scientific instruments Thread Shoal to Myrmidon Reef
116/2008	Aus828	Scientific instruments Townsville
1248/2008	Aus256-257-AU5XX257	Light buoy
1133/2009	Aus257-AU5XX257	Ross Creek-Light beacons withdrawn; light buoys established
62/2010	Aus257-AU5XX257	Ross River-Harbour works
718/2010	Aus256-257-AU5XX257	Light buoy established
1079/2010	Aus256-257	Depth information
1080/2010	Aus256-257	Scientific instruments
1139/2010	Aus256-257	Dredging operations Weipa
66/2010	Aus4	Albatross Bay-Obstruction
67/2011	Aus4	Depth information Whitehaven Bay
384/2010	Aus252-253-824-825-AU421149	Light beacon destroyed Whitsunday Group
1189/2010	Aus252-254-824	Shaw Island-Platypus Rock-Light beacon destroyed; light buoy established Whitsunday Island
1192/2010	Aus252-253	Whitehaven Beach-Light beacon destroyed; light buoy established
1193/2010	Aus252-253-254	Reef Point-Light beacon destroyed; light buoy established Whitsundays
1190/2010	Aus252-254-824	Spitfire Rock-Light beacon destroyed; light buoy established
1394/2010	Aus254	The Narrows-Buoy off station Yorkeys Knob
1263/2010	Aus830	Wreck
SOUTH AUSTRALIA		
1344/2010	Aus347	Cape Jaffa Wreck westwards Glenelg
1161/2008	Aus125	Shoaling
458/2009	Aus125-781	Restricted area; light buoys Goat Island
1280/2010	Aus120	Light buoy off station Kangaroo Island
880/2010	Aus125-126-345-346-444-780-AU436137	Light destroyed; lights established
573/2010	Aus139-780	MacDonnell Sound Wreck
720/2008	Aus137	Port Adelaide Shoaling

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
415/2008	Aus344-778	<i>Port Augusta</i> Light beacon altered
1032/2010	Aus778-AU433137	Bluff Reach-Light beacon damaged
1211/2010	Aus778	Navaid replacement
1148/2010	Aus134	<i>Port Lincoln</i> Wreck
1212/2010	Aus125-781	<i>Port Stanvac</i> Scientific instrument
1098/2010	Aus139-780-781	<i>Sultana Point</i> Beacon destroyed
176/2009	Aus777	<i>Wallaroo</i> Depth information
873/2010	Aus342-343-AX0343E	<i>Whidbey Isles</i> Scientific instrument
1412/2010	Aus136	<i>Whyalla</i> Light destroyed
268/2008	Aus125	<i>Wirrina Cove</i> Shoaling
TASMANIA		
816/2010	Aus169-766-AU443148-5169P3	<i>Coles Bay</i> Light removed
529/2010	Aus171-796-AU443147	<i>Frederick Henry Bay</i> Light beacon destroyed
922/2005	Aus179-800	<i>Furneaux Group</i> Franklin Sound-Shoaling
91/2010	Aus169	<i>Georges Bay</i> Wreck
509/2008	Aus171-172	<i>Hobart</i> Obstructions
72/2011	Aus171-173-174-796	<i>North West Bay</i> Beacon destroyed
143/2010	Aus167-AU5167X8	<i>Port Dalrymple</i> Light buoy off station
1085/2009	Aus167-799-AU442146-5167X8	<i>River Tamar</i> Port Dalrymple-Reclamation works
883/2010	Aus167-168-AU5167X8	Long Reach-Light beacon destroyed
1416/2010	Aus163-799	<i>Round Hill Point</i> Pipeline
TIMOR SEA		
569/2010	Aus314-319-4721-4722-AX0314F-0319F-AU313124	<i>Osborn Passage</i> Platform; mooring buoys
476/2006	Aus312	<i>Sahul Banks</i> Scientific instruments
223/2009	Aus312-4721-AX0312F-4721F-AU311126	Navaid; racon non operational
1399/2010	Aus315-AX0315F	<i>Van Cloon Shoal</i> Drilling operations northeastwards
TORRES STRAIT		
65/2010	Aus293-299-AU311142-5XX299	<i>Madge Reef</i> Light beacon unlit
389/2010	Aus376-377-840-AX60377-AU410143	<i>Stephens Islet</i> Wreck northwards
1333/2010	Aus376-377-840-AX60377	<i>Yorke Islands</i> Wreck

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
VICTORIA		
1300/2009	Aus801-AU439145	Anderson Inlet Shoaling
1301/2009	Aus181-182-AU439146	Barry Beach Shoaling
1354/2010	Aus181-802	Corner Inlet Shoaling
1153/2010	Aus150-801	Kilcunda Exclusion zone
1291/2010	Aus357-AU439146	Ninety Mile Beach Obstructions
800/2009	Aus181-182-AU439146	Port Albert Shoaling
796/2007	Aus143-158	Port Phillip Obstruction
893/2008	Aus154-AU5XX154	Port Melbourne-River Yarra-Light beacon withdrawn
942/2010	Aus153-157	Geelong-Depth information
943/2010	Aus155	Werribee River-Harbour works
1035/2010	Aus143-158	South Channel-Obstruction
1100/2010	Aus154-155	Port Melbourne-Princes Pier-Harbour works
1215/2010	Aus157	Corio Bay-Light beacon to be established
1352/2010	Aus158	Rye-Dredging operations
1420/2010	Aus154	Port Melbourne-River Yarra-Harbour works
74/2011	Aus143-144-158	Entrance Deep-Underwater survey work
77/2011	Aus154	Port Melbourne-Appleton Dock-Harbour works
1302/2009	Aus181-AU439146	Port Welshpool Middle Ground Channel-Beacon destroyed
514/2008	Aus150-151	Western Port Phillip Island-Shoaling northwards
1346/2009	Aus150-801-AU439145	Wonthaggi-Scientific instrument
1217/2010	Aus150-801-AU439145	West Head-Light buoy off station
WESTERN AUSTRALIA		
729/2006	Aus109	Albany Light beacon; light buoy
633/2010	Aus109-AU5XX109	Harbour works
75/2010	Aus62-742-AU421115	Barrow Island Harbour works; exclusion zone
76/2010	Aus62-742-743-AU421115	Scientific instruments
139/2010	Aus62-742-743-AU421115	Scientific instruments
867/2010	Aus742	Scientific instrument
1088/2010	Aus62-742	Anchorage northeastwards
1335/2010	Aus325-326-739	Bedout Islet Seismic survey northwards
1093/2010	Aus328-744-4708-4723-4725-AX4708F	Bessieres Island FPSO off station northwestwards
85/2010	Aus115-334-335-755-AX0334E-0755E-AU434115	Binningup Offshore works; exclusion zone
1079/2009	Aus50-51-324-AU418122	Broome Electronic navigation aid trial
977/2010	Aus51	Scientific instruments
1401/2010	Aus319-320-322-729-4721-4722-AX0319F-0322F-4721F-4722F	Browse Island Seismic survey
1402/2010	Aus55-56-740-741	Cape Lambert Dredging operations
458/2010	Aus327-742-743-AU421116	Cape Preston Harbour works

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1410/2010	Aus329-745	<i>Cape Range</i> Seismic survey westwards
1034/2007	Aus57-58-59	<i>Dampier</i> Depth information
911/2009	Aus57-58-741	Obstruction
936/2010	Aus59-AU5XXX58	Shoaling <i>Dampier Archipelago</i>
629/2010	Aus327	Scientific instruments northwestwards
1144/2010	Aus327-741-AU320116	Oil field northwestwards
1270/2010	Aus327-741	Scientific instruments northwards <i>Delambre Island to Dixon Island</i>
1087/2010	Aus55-57	Drilling operations <i>Emu Point</i>
764/2008	Aus110-118-759	Light <i>Esperance</i>
337/2010	Aus119-AU5119P1	Depth information
338/2010	Aus119-AU434121-5119P1	Light beacons destroyed <i>Exmouth Plateau to Onslow</i>
1090/2010	Aus64-327-328-329-742-743-744-4723-4725	Seismic survey <i>Fremantle</i>
470/2008	Aus112-113-AX63112	Obstruction; submarine pipeline; light buoys
273/2009	Aus112-754-AX0754E-63112-66002	Anchorage
773/2010	Aus117-AX70117-AU433115	Light beacon damaged
70/2011	Aus113	Depth information
71/2011	Aus117-AX70117	Harbour works <i>Garden Island</i>
815/2010	Aus117-754-AX0754E-66002-70117-AU433115	Exclusion zone
1096/2010	Aus117-754-755-AX0754E-0755E-66002-70117	Scientific instrument <i>Geographe Bay</i>
518/2009	Aus334-335-755-756-AX0334E-0755E-AU434115	Scientific instrument <i>Geraldton</i>
946/2008	Aus81	Depth information
451/2009	Aus81-751	Light buoy off station <i>Irvine Island</i>
1142/2010	Aus40-732-733	Scientific instruments <i>James Price Point</i>
1204/2010	Aus324	Scientific instruments <i>Lacepede Islands to James Price Point</i>
68/2011	Aus323-324	Scientific instruments <i>Montebello Islands</i>
631/2010	Aus328-742-AU421115	Scientific instruments northwestwards
1209/2010	Aus327-328	Scientific instruments northwards
1405/2010	Aus327	Mooring buoy off station northeastwards <i>Montebello Islands to Barrow Island</i>
69/2011	Aus61-62-63-327-328-742-743	Lit mooring buoys <i>Mullaloo to Warnbro Sound</i>
524/2010	Aus112-116-117-334-754-755-AX0334E-0754E-0755E-63112-66002-70117-AU432115-433115	Scientific instruments <i>North Muiron Island to Locker Island</i>
869/2010	Aus743-744	Scientific instruments <i>North West Cape</i>
1095/2010	Aus328-329-744	Scientific instruments northwestwards
1338/2010	Aus329-745-AU323113	Seismic survey southwestwards
1408/2010	Aus329	Scientific instrument northwards
1409/2010	Aus329-745-4723-4725	Seismic survey

80(T)/2011 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1411/2010	Aus332-333-751	<i>Oakajee</i> Scientific instruments
792/2009	Aus334-754-AX0334E-0754E-0755E-66002-AU332114-432115-433115	<i>Perth</i> Scientific instruments westwards
722/2010	Aus52-54-AU5XXX52	<i>Port Hedland</i> Depth information
723/2010	Aus52-53-54-AU5XXX52	Dredging operations
1269/2010	Aus52-53-54-739-740	Scientific instruments
1274/2010	Aus328	<i>Rankin Bank</i> Scientific instruments
1272/2010	Aus327-741-742	<i>Regnard Bay</i> Platform; pipeline northwards
1085/2010	Aus322-323-324-AX0322F	<i>Scott Reef to James Price Point</i> Scientific instruments
1277/2010	Aus64-328-743	<i>Thevenard Island</i> Scientific instruments
1091/2010	Aus63-64-328-742-743-4723-4725	<i>Thevenard Island to Exmouth Plateau</i> Scientific instruments
1052/2008	Aus40-732-733	<i>Yampi Sound</i> Comber Rock-Buoy off station
EAST TIMOR		
727/2006	Aus901	<i>Dili</i> Light unlit
INDIAN OCEAN		
800/2005	Aus607	<i>Cocos Islands</i> Light beacon
1458/2009	Aus4070-4071	<i>Sumatera</i> Scientific instruments westwards
PACIFIC OCEAN		
1471/2009	Aus399-4622-AU306156	Scientific instruments
79/2011	Aus4602	Light buoy off station
PAPUA NEW GUINEA		
609/2008	Aus399-683-4622	<i>Bougainville Island</i> Lights unlit
66/2011	Aus379	<i>Caution Bay</i> Harbour works
64/2011	Aus377-AX60377	<i>Eastern Fields</i> Seismic survey northwestwards
1397/2010	Aus378-502	<i>Gulf of Papua</i> Seismic survey
406/2008	Aus547-4622	<i>Kimbe Island</i> Light unlit
967/2005	Aus646	<i>Madang</i> Horizontal datum anomaly
404/2008	Aus379-505-4620	<i>Port Moresby</i> Fish aggregation device southwards
65/2011	Aus377-379-505-621-AX60377	<i>Port Moresby to Kerema Bay</i> Seismic survey
1102/2008	Aus399-AU407155	<i>Rantan Island</i> Light unlit
1038/2010		AUSTRALIA Summer time

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WA- Jurien Bay	Rock		R Koch

NAVIGATION WARNINGS

The following radio messages have been received during the period to 14 January 2011. 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

2010

- 316 Drill rig *Ocean Epoch* in position 19° 23'·15 S 116° 18'·12 E. 2·5M clearance requested.
- 317 Cancelled.
- 318 Cancelled.
- 319 Cancelled.
- 320 Mindarie Keys front leading light K1757·7 (31° 41'·03 S 115° 42'·23 E) unlit.
- 321 Cancelled.
- 322 Cancelled.
- 323 Cancelled.
- 324 Cancelled.
- 325 Cancelled.
- 326 Cancelled.
- 327 Cancelled.
- 328 Four yellow light buoys (4m x 2m x 2m) exist in the following area 20° 03'·0 S to 20° 05'·0 S and 113° 46'·0 E to 113° 47'·0 E. A lit waverider buoy, Fl(5)Y·20s, 1m in diameter exists in position 20° 10'·5 S 113° 50'·5 E. A subsurface buoy, 50m below the surface, exists in position 20° 10'·5 S 113° 49'·4 E.
- 329 Cancelled.
- 330 Cancelled.
- 331 Cancelled.
- 332 Special purpose vessel *Sapura 3000* conducting cable laying operations in area bounded by 20° 10'·0 S to 20° 38'·0 S and 116° 17'·0 E to 116° 24'·0 E. 2·5M clearance requested.
- 333 Cancelled.
- 334 Special purpose vessel *Geo Celtic* conducting seismic survey in area bounded by 18° 34'·0 S to 18° 57'·0 S and 118° 38'·0 E to 118° 55'·0 E. 5M clearance requested.
- 335 Cancelled.

2011

- 001 Cancelled.
- 002 Cancelled.
- 003 Two 2m diameter unlit yellow buoys established in position 38° 08'·0 S 148° 27'·8 E.
- 004 Special purpose vessel *Pacific Explorer* conducting seismic survey in area bounded by 21° 55'·0 S to 22° 13'·0 S and 113° 04'·0 E to 113° 20'·0 E. 5M clearance requested.
- 005 Cancelled.
- 006 Cancelled.
- 007 Smith Cay (9° 45'·93 S 143° 19'·15 E) unreliable day shape missing.
- 008 Drill rig *Songa Venus* in position 11° 31'·23 S 127° 07'·03 E. 2·5M clearance requested.
- 009 Cancelled.
- 010 Two 2m diameter unlit yellow buoys established in position 38° 09'·00 S 148° 31'·00 E.
- 011 Drill rig *Kan Tan IV* in position 38° 26'·4 S 145° 16'·5 E. 2·5M clearance requested.

NAVAREA X WARNINGS

2010

- 013 Triton oceanographic observation buoy set 04° 58'·0 S 156° 01'·0 E.
- 014 Triton oceanographic observation buoy set 00° 01'·48 S 146° 59'·98 E.

2011

- 001 Special purpose vessel *BGP Explorer* conducting seismic survey in area bounded by 9° 23'·0 S to 9° 43'·0 S and 145° 30'·0 E to 145° 50'·0 E. 6M clearance requested.

Navigational warnings in force as at 140001UTC JAN 11.**Auscoast**

2010 271 282 283 292 301 312 313 316 320 328 332 334
2011 003 004 007 008 010 011

Navarea X

2010 010 012 013 014
2011 001

Summary of mobile drilling rigs as at 140001UTC JAN 11.

<i>Name</i>	<i>Position</i>
Songa Venus	11° 31'·23 S 127° 07'·03 E
Ocean Epoch	19° 23'·15 S 116° 18'·12 E
Ensco 109	20° 17'·23 S 116° 16'·31 E
Atwood Eagle	20° 06'·37 S 114° 43'·08 E
Jack Bates	20° 03'·52 S 113° 35'·59 E
Kan Tan IV	38° 26'·40S 145° 16'·50 E

NAVAREA XIV WARNINGS**2010**

050 Cancelled.
051 South Pacific Ocean, New Zealand.
 Reference A: IMO International SafetyNET Manual
 Reference B: Individual manufacturers EGC Manuals
 Reference C: ALRS Volume 5
 Reference D: ALRS Volume 3 (2)
 Reference E: GMDSS Master Plan
 Reference F: NZ204 New Zealand Nautical Almanac
 With effect 1 Feb 2011 New Zealand Coastal Navigation Warning SafetyNET transmissions will be addressed to coastal warning area identification letter 'Z'. This area extends to approximately 250NM seaward of mainland New Zealand and 50NM east of the Chatham Islands. New Zealand Coastal Navigation Warnings will be broadcast via SafetyNET on receipt and repeated at scheduled broadcast times 0900 and 2100 UTC. To receive New Zealand Coastal Navigation Warnings from 1 Feb 2011 mariners must configure their EGC receivers as follows: if inside NAVAREA XIV, enter the letter 'Z' in the coastal warning settings; if outside NAVAREA XIV, select 14 as an additional NAVAREA and enter the letter 'Z' in the coastal warning settings; reference A provides further information on EGC receiver configuration; reference B provides information regarding configuration specific to the manufacturers EGC receivers; references C through F provide full details of the New Zealand Maritime Safety Information service with effect from 1 Feb 2011.

2011

001 South Pacific Ocean, Fiji, Viti Levu east coast and southern Lau Group. The following lights are unlit:
 Makogai K4733.4 (17° 27'·2 S 178° 58'·6 E)
 Vatoa (Turtle Island) K4759 (19° 49'·7 S 178° 13'·40 W)
002 French Polynesia. Coastal Radio Station 'Mahina Radio' Inoperative from 051000 Jan 11 UTC. Distress messages can be sent to frequencies: VHF Channel 16 (on society archipelago only); MF DSC 2187.5 KHZ; HF 8291 KHZ. Weather forecasts will be broadcast on frequency 8803 KHZ at 0230 and 1730 UTC daily. Meteorological warnings will be broadcast at 1030 and 1830 UTC as required

Navarea XIV warnings in force as at 140001UTC Jan 11.

2010 019 038 047 051
2011 001 002