

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Vol K Edition 2011/12. Weekly Edition No. 50, Dated 15 December 2011.

Last Amendment: Weekly Edition No. 49, dated 08 December 2011.

K0825	COCOS OR KEELING ISLANDS Renumbered; was previously K0827.2						
	- Port Refuge (AU)	12 05-78 S 96 52-00 E	Fl(4)Y 10s	3	3	Black beacon	
*	*	*	*	*	*	*	*
K0825	Remove from list; renumbered to K0825.5						
K0825-5	Renumbered; was previously K0825						
	- Port Refuge. Ldg Lts 183°. Front (AU)	12 06-30 S 96 51-71 E	Q Y	..	..	△ on beacon	
*	*	*	*	*	*	*	*
K0825-51	Renumbered; was previously K0826.1						
	- Port Refuge. Ldg Lts 183°. Rear. 815m from front. Griffith (AU)	12 06-74 S 96 51-68 E	Fl W 3s	..	..	▽ on beacon	<i>fl l</i>
*	*	*	*	*	*	*	*
K0826	Remove from list; renumbered to K0826.2						
K0826-2	Renumbered; was previously K0826						
	- Port Refuge. No 2 (AU)	12 06-10 S 96 51-90 E	Fl R 2-5s	..	..	□ on beacon	
*	*	*	*	*	*	*	*
K0826-3	- Port Refuge. No 3 (AU)	12 06-40 S 96 51-81 E	Fl G 2-5s	..	..	△ on beacon	
*	*	*	*	*	*	*	*
K0826-4	Renumbered; was previously K0826.2						
	- Port Refuge. No 4 (AU)	12 06-58 S 96 51-92 E	Fl R 2-5s	..	..	□ on beacon	
*	*	*	*	*	*	*	*
K0826-5	Renumbered; was previously K0826.4						
	- Port Refuge. No 5 (AU)	12 06-68 S 96 51-87 E	Fl G 2-5s	..	..	△ on beacon	
*	*	*	*	*	*	*	*
K0826-6	- Port Refuge. No 6 (AU)	12 06-71 S 96 51-91 E	Fl R 2-5s	..	..	□ on beacon	
*	*	*	*	*	*	*	*
K0826-7	Renumbered; was previously K0826.8						
	- Port Refuge. No 7 (AU)	12 06-77 S 96 51-82 E	Fl G 2-5s	..	..	△ on beacon	
*	*	*	*	*	*	*	*
K0826-8	Renumbered; was previously K0827						
	- Port Refuge. No 8 (AU)	12 06-84 S 96 51-80 E	Fl R 2-5s	..	..	□ on beacon	
*	*	*	*	*	*	*	*
K0826-9	- Port Refuge. No 9 (AU)	12 06-93 S 96 51-41 E	Fl G 2-5s	..	..	△ on beacon	
*	*	*	*	*	*	*	*

K0826-1	Remove from list; renumbered to K0825.51						
K0826-2	Remove from list; renumbered to K0826.4						
K0826-4	Remove from list; renumbered to K0826.5						
K0826-8	Remove from list; renumbered to K0826.7						
K0827	Remove from list; renumbered to K0826.8						
K0827	Renumbered; was previously K0827.4						
	- Port Refuge. No 10 (AU)	12 07-00 S 96 51-41 E	Fl R 2-5s	. .	. .	□ on beacon	
*	*	*	*	*	*	*	*
K0827-2	- Port Refuge. No 12 (AU)	12 07-28 S 96 50-96 E	Fl R 2-5s	. .	. .	□ on beacon	
*	*	*	*	*	*	*	*
K0827-4	Renumbered; was previously K0828						
	- Port Refuge. No 14 (AU)	12 07-52 S 96 50-57 E	Fl R 2-5s	. .	. .	□ on beacon	
*	*	*	*	*	*	*	*
K0827-2	Remove from list; renumbered to K0825						
K0827-4	Remove from list; renumbered to K0827						
K0828	Remove from list; renumbered to K0827.4						
K0828	Renumbered; was previously K0829						
	- Port Refuge (AU)	12 07-63 S 96 51-81 E	Fl Y 4s	. .	. .	Beacon	
*	*		*				
K0828-1	- Port Refuge (AU)	12 07-97 S 96 51-35 E	Fl G 2-5s	. .	. .	△ on green beacon	
*	*	*	*	*	*	*	*
K0828-2	- Port Refuge (AU)	12 08-33 S 96 50-98 E	Fl R 2-5s	. .	. .	□ on red beacon	
*	*	*	*	*	*	*	*
K0828-3	- Port Refuge (AU)	12 08-58 S 96 50-63 E	Fl G 2-5s	. .	. .	△ on green beacon	
*	*	*	*	*	*	*	*
K0828-4	- Port Refuge (AU)	12 09-01 S 96 50-29 E	Fl R 2-5s	. .	. .	□ on red beacon	
*	*	*	*	*	*	*	*
K0829	Remove from list; renumbered to K0828						
K1692-38	BARROW ISLAND Renumbered; was previously K1692.6						
	- Wapet Landing	20 43-48 S 115 28-57 E	Fl R 5s	. .	. .	Red beacon	
*	*	*	*	*	*	*	*

K1692-39	Renumbered; was previously K1692.5						
	- Mushroom Island	20 43-38 S 115 29-06 E	Q(6)+LFl W 15s	..	.. Black beacon, yellow top		
*	*	*	*	*	*	*	*
K1719-51	SHARK BAY - Gascoyne River	24 54-30 S 113 38-49 E	Fl G 3s	..	.. Δ on green beacon		
	*		*				
K1719-52	- Gascoyne River	24 54-18 S 113 38-44 E	Fl G 3s	..	.. Δ on green beacon		
	*		*				
K1719-53	- Gascoyne River	24 54-10 S 113 38-43 E	Fl G 3s	..	.. Δ on green beacon		
	*		*				
K1719-54	- Gascoyne River	24 54-00 S 113 38-48 E	Fl G 3s	..	.. Δ on green beacon		
	*	*	*				
K1719-605	- Gascoyne River	24 53-91 S 113 38-59 E	Fl G 3s	..	.. Δ on green beacon		
*	*	*	*	*	*	*	*
K1719-61	- Gascoyne River	24 53-80 S 113 38-88 E	Fl R 3s	..	.. □ on red beacon		
	*		*				
K1719-62	- Gascoyne River	24 53-82 S 113 38-68 E	Fl G 3s	..	.. Δ on green beacon		
	*	*	*				
K1719-625	- Gascoyne River	24 53-80 S 113 38-65 E	Fl R 3s	..	.. □ on red beacon		
*	*	*	*	*	*	*	*
K1719-63	- Gascoyne River	24 53-66 S 113 38-85 E	Fl G 3s	..	.. Δ on green beacon		
	*	*	*				
K1719-64	- Gascoyne River	24 53-58 S 113 38-92 E	Fl R 3s	..	.. □ on red beacon		
	*	*	*				
K1719-645	- Gascoyne River	24 53-62 S 113 38-92 E	Fl G 3s	..	.. Δ on green beacon		
*	*	*	*	*	*	*	*
K1719-65	- Gascoyne River	24 53-59 S 113 39-02 E	Fl G 3s	..	.. Δ on green beacon		
	*	*	*				
K1719-655	- Gascoyne River	24 53-58 S 113 39-09 E	Fl G 3s	..	.. Δ on green beacon		
*	*	*	*	*	*	*	*
K1719-66	- Gascoyne River	24 53-53 S 113 39-15 E	Fl R 3s	..	.. □ on red beacon		
	*		*				
K1719-67	- Gascoyne River	24 53-54 S 113 39-17 E	Fl G 3s	..	.. Δ on green beacon		
*	*	*	*	*	*	*	*

K1719-68	- Gascoyne River	24 53-38 S 113 39-25 E	Fl R 3s	..	.. □ on red beacon	
*	*	*	*	*	*	*
K1719-7	- Gascoyne River	24 53-25 S 113 39-33 E	Fl G 3s	..	.. △ on green beacon	
	*		*			
K1719-71	- Gascoyne River	24 53-26 S 113 39-30 E	Fl R 3s	..	.. □ on red beacon	
*	*	*	*	*	*	*
K1719-73	- Gascoyne River	24 53-22 S 113 39-27 E	Fl R 3s	..	.. □ on red beacon	
*	*	*	*	*	*	*
K1719-8	- Gascoyne River	24 53-10 S 113 39-18 E	Fl R 3s	..	.. □ on red beacon	
	*		*			
K1719-81	- Gascoyne River	24 53-08 S 113 39-22 E	Fl G 3s	..	.. △ on green beacon	
			*			
K1722-26	- Carnarvon. Mangrove Point. Fishing Boat Harbour channel. No 16	24 54-43 S 113 39-08 E	Fl R 3s	..	.. Red □ on beacon	
*	*	*	*	*	*	*
K1722-3	- Carnarvon. Mangrove Point. Fishing Boat Harbour channel	24 54-00 S 113 39-08 E	Fl G 3s	..	.. △ on beacon	
			*		*	
K1722-51	- Carnarvon. Fishing Boat Harbour. Ldg Lts 357-3°. Rear. 150m from front	24 53-80 S 113 39-06 E	F Bu			
	*					
K1811-3	ESPERANCE BAY - No 1	33 51-81 S 121 54-54 E	Fl G 3s	7	5 Green △ on beacon	
		*	*			*
K1811-4	- No 2	33 51-91 S 121 54-60 E	Fl R 3s	7	5 Red □ on beacon	
		*	*			*
K1811-58	- No 6	33 52-06 S 121 54-27 E	Q R	7	4 Red □ on red beacon	
*	*	*	*	*	*	*
K1943-9	SPENCER GULF. PORT WHYALLA - Basin Dredged Channel. Lts in line 301°20'. Front	33 00-81 S 137 35-33 E	F Bu	..	.. .. Neon △	
						*
K2673-6	PORT JACKSON. SYDNEY HARBOUR. NEUTRAL BAY Remove from list; deleted					
K2696-77	PORT JACKSON. SYDNEY HARBOUR. DARLING HARBOUR. ROZELLE BAY Remove from list; deleted					

K2830-2	Evans River. Ldg Lts 324-1°. Front	29 06-93 S 153 26-09 E	Fl W 3s	..	..	..	<i>fl 1</i>
	*	*		*	*	*	
K2830-21	Evans River. Ldg Lts 324-1°. Rear. 27m from front	29 06-92 S 153 26-08 E	F Bu				
	*	*					
K2832-52	Evans River. Yacht Harbour. Ldg Lts 213°. Front	29 07-33 S 153 25-99 E	F Bu				
	*	*					
K2832-521	Evans River. Yacht Harbour. Ldg Lts 213°. Rear. 72m from front	29 07-37 S 153 25-96 E	F Bu				
	*	*					
K3140-5	GREAT BARRIER REEF (COASTAL WATERS) - Mourilyan Harbour. No. 1		17 35-88 S 146 08-05 E	Fl G 2-5s	..	.. Green Δ on green beacon	
							*
K3398-5	TELUK YOS SUDARSO Remove from list; deleted						
K4969-3	ÎLES SOUS-LE-VENT. ÎLE DE HUAHINE - Passe Avamoia. N side (FR)	16 42-71 S 151 02-46 W	Fl R 2-5s	5	5 Red \square on red beacon 11	<i>fl 0-5.</i> Missing (T) 2011	*
	FR, LC, 66140						
K5021-5	ÎLE DE TUBUAI - Mataura Channel (FR)	23 20-40 S 149 28-90 W	Oc G 4s	3	5 Green Δ on green column 7	<i>ec 1.</i> TE 2011	
	FR, LC, 70270						*

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 50 dated 15 December 2011

The **Admiralty List of Radio Signals diagrams** included in the paper version of the weekly Notice to Mariners (Section VI) are printed in black and white. If required, a colour version of these diagrams can be downloaded from the UKHO website. To obtain a colour version of these diagrams go to: www.ukho.gov.uk - select **PRODUCTS AND SERVICES** - select **Maritime Safety Info** - select **View and download NMs** - select **Weekly** - select **Year** - select **Week** - go to **Selected Week Content** - select **File** (for example: NP286(3)-WK01-10-PAGE149_Week01_2010.pdf)

VOLUME 2, NP 282, 2011/12

Published Wk 11/11
(Last Amendments: Weekly Edition No. 49 dated 8 December 2011)

RADAR BEACONS

PAGE 104, MALAYSIA (Sarawak).
Insert:

Helang Offshore Platform Racon 4°47'·04N 113°28'·41E **85823**
Q

MV British Emerald (RSDRA2011000206047) 50/11

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 147, CHILE.

Delete section and replace by:

Arica Molo de Abrigo Lt	18°28'·11S 70°19'·66W	997251003	Broadcasts every minute	Synthetic	
Arica North Mole Lt	18°28'·16S 70°19'·41W	997251004	Broadcasts every minute	Synthetic	
Bajo Canal Trinidad	49°57'·21S 75°29'·78W	997256001	Broadcasts every 3 minutes	Virtual	
Bajo Satélite Lt	52°33'·43S 69°41'·66W	997251093	Broadcasts every minute	Synthetic	
Banco Dirección Lt Bn	52°25'·63S 69°30'·17W	997251096	Broadcasts every minute	Synthetic	
Banco Narrow Lt	52°18'·92S 69°19'·37W	997251098	Broadcasts every minute	Synthetic	
Banco Orange Lt	52°24'·75S 69°21'·61W	997251097	Broadcasts every minute	Synthetic	
Cabo Tudor Lt	50°00'·08S 75°22'·06W	997251001	Broadcasts every 3 minutes	Real	
Cerro Dirección Lt	52°21'·16S 69°30'·37W	997251099	Broadcasts every minute	Synthetic	
Concordia Lt	18°21'·01S 70°21'·53W	997251002	Broadcasts every minute	Synthetic	
Crawford Lt	52°32'·75S 69°36'·23W	997251094	Broadcasts every minute	Synthetic	
Islotes Salientes Lt	55°06'·80S 70°14'·40W	997251007	Broadcasts every 3 minutes	Synthetic	
Islotes Sandwich Lt	55°12'·55S 70°25'·80W	997251006	Broadcasts every 3 minutes	Real	
Península Alacrán Lt	18°28'·79S 70°19'·97W	997251005	Broadcasts every minute	Synthetic	
Puerto Progreso Lt Bn	52°28'·67S 69°30'·13W	997251095	Broadcasts every minute	Synthetic	

(former amendment 44/11)

Chilean Notice 10/11 (RSDRA2011000215405) 50/11

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP15 Australia Pilot Volume 3 (2009 Edition)

Australia – Torres Strait – Prince of Wales Channel — Directions; approach from inner route

425

After Paragraph 13.80 4 line 3 Insert:

5 **Alternative track passing S of Herald Patches.**

For shallow draught vessels within the charted two-way route NE of Strait Rock (10°33'·30S 142°22'·48E), the track leads WNW for 5 miles and joins Prince of Wales Channel between Ince Point (10°30'·42S 142°18'·78E) and Herald Patches (10°30'·15S 142°20'·65E) (13.81) passing:

NNE of Bourne Rock (10°32'·89S 142°22'·56E) (13.80), thence:

NNE of an isolated shoal (10°31'·52S 142°20'·66E) with a depth of 9·4 m, thence:

Across a shoal (10°30'·84S 142°19'·75E) with a least depth of 8·3 m lying close to the SW boundary.

Australian Notice 23/1180/11

[50/11]

Australia – Torres Strait – Alert Patches — Directions; light buoy

427

After Paragraph 13.82 2 line 5 Insert:

N of a light buoy (N cardinal) (10°28'·43S 142°22'·61E), thence:

Paragraph 13.82 2 lines 6-9 *Replace by:*

N of Alert Patches (10°29'·38S 142°21'·42E) (13.81), and:

Chart Aus 293 & ALL K3267

[50/11]

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Vol K Edition 2011/12. Weekly Edition No. 51, Dated 22 December 2011.

Last Amendment: Weekly Edition No. 50, dated 15 December 2011.

K1692	BARROW ISLAND - Wapet Landing. Ldg Lts 265.1°	20 43-46 S 115 28-31 E	2 F Bu					
*	*	*	*	*	*	*	*	*
K1753	GEELVINK CHANNEL. CHAMPION BAY. PORT OF GERALDTON - Fishing Boat Harbour. Dir Lt 194.9°	28 46-38 S 114 35-57 E	Dir F WRG	. .	. .	Orange △ on grey pile		
	*		*					
K1753-1	Remove from list; deleted							
K1814-22	ESPERANCE BAY - Bandy Creek. Boat Harbour	33 50-07 S 121 55-97 E	Fl G 5s					
		*	*					
K2330	PORT PHILLIP. EAST SHORE - Schnapper Point	38 12-69 S 145 02-11 E	Q(2)G 5s	9	10	Metal framework tower		
		*	*					
K2544	GIPPSLAND LAKES - Mount Barkly	37 52-84 S 147 57-85 E	Oc W 4s	70	17	Metal framework tower 9	ec l. Vis 245°-099°(214°)	
	- - Emergency light	. .	Fl W 4s		*			
K2544-1	Renumbered; was previously K2545.5 - Eastern Pier. Head	37 53-41 S 147 58-42 E	F G	12	2			
*					*			
K2544-11	Renumbered; was previously K2547 - Western Pier. Head	37 53-43 S 147 58-36 E	Fl R 2-5s	9	2	Metal framework tower		
*								
K2544-15	- Hopetoun Channel. No 3	37 53-53 S 147 56-99 E	Fl G 3s	. .	. .	Green △ on green beacon		
*	*	*	*	*	*	*		*
K2544-2	- Hopetoun Channel. No 5	37 53-59 S 147 56-89 E	Fl G 2-5s	. .	. .	Green △ on green beacon		
*	*	*	*	*	*	*		*
K2544-24	- Hopetoun Channel. No 7	37 53-62 S 147 56-79 E	Q G	. .	. .	Green △ on green beacon		
*	*	*	*	*	*	*		*
K2544-25	- Hopetoun Channel. No 9	37 53-63 S 147 56-71 E	Fl G 1-5s	. .	. .	Green △ on green beacon		
*	*	*	*	*	*	*		*
K2544-3	- Hopetoun Channel. No 10. Groyne	37 53-61 S 147 56-49 E	Fl R 1-5s	. .	. .	Red □ on red beacon		
*	*	*	*	*	*	*		*
K2544-35	- Hopetoun Channel. No 11	37 53-56 S 147 56-45 E	Fl G 2s	. .	. .	Green △ on green beacon		
*	*	*	*	*	*	*		*

K2544·4	- Hopetoun Channel. No 12	37 53·56 S 147 56·37 E	Fl R 2s	..	..	Red □ on red beacon	
*	*	*	*	*	*	*	*
K2544·45	- Hopetoun Channel. No 13	37 53·50 S 147 56·34 E	Fl G 3s	..	..	Green △ on green beacon	
*	*	*	*	*	*	*	*
K2544·55	- Hopetoun Channel. No 14	37 53·51 S 147 56·31 E	Fl R 3s	..	..	Red □ on red beacon	
*	*	*	*	*	*	*	*
K2544·6	- Hopetoun Channel. (Raft)	37 53·30 S 147 56·41 E	Fl(2)W 4s	..	..	Beacon	
*	*	*	*	*	*	*	*
K2544·7	- The Narrows	37 53·15 S 147 58·04 E	Fl Y 2s	..	..	Yellow × on yellow beacon	Marks dredger Sandpiper connection point to submarine dredge pipeline
			*				
K2544·73	- Reeve Channel. Kalimna Jetty	37 52·71 S 147 57·27 E	Fl Bu 5s				
			*				
K2544·74	- Reeve Channel. No 3	37 52·88 S 147 57·22 E	Q G	..	..	Green beacon	
	*					*	
K2544·75	- Reeve Channel. No 5	37 52·89 S 147 56·95 E	Fl G 4s	..	..	Green △ on green beacon	
	*					*	
K2544·751	- Reeve Channel. Rigby Island. Ldg Lts 116·4°	37 52·99 S 147 57·03 E	2 F W				
*	*	*	*	*	*	*	*
K2544·755	- Reeve Channel. Fraser Island. Northward	37 52·92 S 147 56·16 E	Q(6)+LFl W 15s	..	..	▽ on beacon	
*	*	*	*	*	*	*	*
K2545·5	Remove from list; renumbered to K2544.1						
K2546·2	- Long Island. Ldg Lts 214°. Front	37 53·17 S 147 58·70 E	Fl Bu 3s				
			*				
K2546·21	- Long Island. Ldg Lts 214°. Rear	37 53·18 S 147 58·70 E	Q Bu				
			*				
K2546·5	- Lakes Entrance. Cunninghame. Marina	37 52·97 S 147 58·79 E	F W				
			*				
K2546·6	- Lakes Entrance. Cunninghame. Marina	37 52·97 S 147 58·80 E	F W				
			*				
K2546·8	- Lakes Entrance. Cunninghame. Marina	37 52·95 S 147 58·86 E	F W				
			*				

K2546-9	- Lakes Entrance. Cunninghame. Marina	37 52-95 S 147 58-87 E	F W				
						*	
K2547	Remove from list; renumbered to K2544.11						
K2547-5	- Entrance. N Arm. No 3	37 52-81 S 147 58-33 E	Q G	..	..	△ on green beacon	
	*						
K2547-52	- Entrance. N Arm. No 5	37 52-78 S 147 58-43 E	Fl G 3s	..	..	△ on green beacon	
	*						
K2547-54	- Entrance. N Arm. No 9	37 52-74 S 147 58-61 E	Fl(2)G 5s	..	..	△ on green beacon	
	*						
K2547-56	- Entrance. N Arm. No 6	37 52-71 S 147 58-79 E	Q R	..	..	□ on red beacon	
	*						
K2547-58	- Entrance. N Arm. No 8	37 52-60 S 147 59-08 E	Fl(2)R 5s	..	..	□ on red beacon	
	*						
K4847	Erromango Island. Ountovin Point	18 51-78 S 168 59-70 E	Fl(2)W 10s	167	10 White pylon 15	<i>fl 0-5, ec 1-5, fl 0-5, ec 7-5</i>	
					*		*
K4852	ÉFATÉ ISLAND - Pango Point. Kalotiti Lighthouse	17 46-87 S 168 15-57 E	Fl W 6s	22	11 White pylon		
	*						*
K4868	MALAKULA ISLAND - Lamap. Peunoamp Point	16 25-31 S 167 48-53 E	Fl W 10s	35	7 White metal framework tower	<i>fl 1</i>	
							*
K4880-4	ESPIRITU SANTO ISLAND - Luganville. Million Dollar Point	15 31-10 S 167 14-66 E	Fl(4)W 60s	12	8 Tower 10		
							*

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 51 dated 22 December 2011

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VOLUME 2, NP 282, 2011/12

Published Wk 11/11
(Last Amendments: Weekly Edition No. 50 dated 15 December 2011)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 149, CHINA, before Axiu Jiao Approach Lt Buoy entry.
Insert:

Aoqian Lt Buoy No 2	25°25'·09N 119°50'·43E	999412586	Broadcasts every 3 minutes	Real	
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(former amendment 39/11)
[Chinese Notice 48/1805/11 \(RSDRA2011000225155\) 51/11](#)

PAGE 165, MALTA, Wave Energy Converter Lt.
Delete entry

(former amendment 39/11)
[Transport Malta Notice 105/11 \(RSDRA2011000220093\) 51/11](#)

PAGE 169, SWEDEN, after Knolls Grund Lt Buoy entry.
Insert:

ODAS Lt Buoy	57°31'·00N 17°37'·00E			Real	
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[Swedish Notice 381/7567/11 \(RSDRA2011000225078\) 51/11](#)

LEGAL TIME

PAGE 216, Syria.
Delete entry and replace by:

Syria	-2	-3	1 April each year 0000h	Last Thursday in October 2400h
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[OAG Worldwide Limited \(RSDRA2011000223129\) 51/11](#)

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP9 Antarctic Pilot (2009 Edition)

**Gerlache Strait - South Part - Port Lockroy —
Directions; Isolated Shoal**

299

After Paragraph 5.168 2 line 1 *Insert:*

Clear of an isolated shoal 17·8m (64°49'·50S
63°32'·50W), position approximate, thence:

Chilean Notice 10/126/11
(SDD 2011000 215405)

[51/11]

NP15 Australia Pilot Volume 3 (2009 Edition)

**Australia – Queensland – Moreton Bay —
Side Channels; directions**

143

Paragraph 4.33 1 line 3 *For* 300° *Read* 292°

Chart Aus 235

[51/11]

Luzon — Pagbilao Power Station

285

After Paragraph 9.18 Insert:

Pagbilao Power Station**9.18a**

- 1 **Description.** Pagbilao Power Station (13°53'47N 121°44'63E) lies on the SW coast of Pagbilao Grande Island. Anchorage may be obtained at the pilot station 1 mile S of Pagbilao Grande Island.
- 2 **Berth,** aligned NNW/SSE, comprises two coal unloading gantries and is suitable for vessels of 300 m in length, draught 13.75 m. A conspicuous chimney lies close E of the berth.

Southwest Ships Agencies Inc
(SDD 2011000 220765)

[51/11]

**NP100 The Mariner's Handbook
(2009 Edition)**
ECDIS

39

Paragraph 2.82 2 lines 10-12 *Replace by:*

...implications.

- 3 IMO Safety of Navigation Circular 266 (SN Circ266) warns that ECDIS that is not updated for the latest versions of IHO Standards may not meet the chart carriage requirements set out in SOLAS regulation V/19.2.1.4.

It also advises that any ECDIS which is not upgraded to be compatible with the latest version of the Product Specification or the S-52 Presentation Library may be unable to correctly display the latest charted features.

- 4 Additionally, in some cases, the appropriate alarms and indications may not be activated even though the features have been included in the ENC.

An up-to-date list of all the relevant IHO standards relating to ECDIS equipment is maintained within the "About ENCs" section of the IHO website: www.iho.int

After Paragraph 2.82 Insert:

**Software anomalies and feedback from users
2.82a**

- 1 Since 2010, warnings have been issued to alert mariners to anomalies in the operation of some ECDIS systems. To date, these have related to display and alarm behaviour in particular system configurations, in that equipment may not display certain combinations of chart features and attributes correctly, and on rare occasions may fail to display a navigational significant feature. This appears to be caused by anomalous behaviour in some ECDIS software, especially early versions.
- 2 The existence of such anomalies is not surprising given that ECDIS is the first complex, safety-related computer-based navigational system, and it is quite possible that further anomalies remain to be discovered. In the first instance, mariners are recommended to make appropriate checks with the equipment manufacturer. This is of particular importance where ECDIS is the only source of chart information available to the mariner.

- 3 As ECDIS is now in widespread use, and its carriage about to become mandatory (2.84), it is important that any anomalies identified by mariners are reported to flag-state Administrations so that the appropriate authorities can investigate them. Mariners are therefore encouraged to make reports in sufficient detail to permit analysis, and, when appropriate, to issue alerts when such anomalies affect the safety of navigation.

- 4 For UK-flagged vessels, MCA MIN 406 (M+F) has requested that reports be made to the MCA by e-mail to ECDISreport@mca.gov.uk with the following information:

ECDIS: Manufacturer, model name/type, serial number (if available), software version.

ENC: Issuer (eg UKHO), cell name (eg GB40282A), edition number, and the latest update number applied.

Date time group.

- 5 Description of anomaly, including location (in lat/long or otherwise), and screen-shots (if possible).

Details of system settings at the time of occurrence, including display mode and display scale, ideally shown as screen-shots.

Rectifying action (if any).

Additionally, for vessels irrespective of nationality, it is requested that reports are copied to UKHO via the Customer Service Desk at customerservices@ukho.gov.uk

- 6 Further information will be made available through Notices to Mariners and within the UK element of the README.TXT file included on ENC service media.

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After Paragraph 2.86 2 line 10 *Insert:*

- 3 **Particular issues.** Mariners using ECDIS are reminded not to rely solely on automated voyage planning and monitoring checks and alarms. Some ECDIS appear only to undertake route check functions on larger scale ENCs and therefore alarms might not activate. This may not be clearly indicated on the ECDIS display. Mariners should always undertake careful visual inspection of the entire planned route using the "other/all" display mode to confirm that it, and any deviations from it, is clear of dangers.

- 4 Some ECDIS may not display certain combinations of chart features and attributes correctly and on rare occasions may fail to display a navigational significant feature. This appears to be caused by anomalous behaviour in some ECDIS software, especially early versions. It is recommended that appropriate checks are made with the equipment manufacturer. This is of particular importance where ECDIS is the only source of chart information available to the mariner.

- 5 Further information will be made available through Notices to Mariners and within the UK element of the README.TXT file included on ENC service media.

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