

**SOUTH ISLAND**

Int. No (1)	Location - Name (2)	Lat Long (3)	S E (3)	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
<b>4180</b>	Cape Farewell. Pillar Point. (M)	40 30.18 172 42.82		FlW 5s	166	9	White metal tower 4	<i>fl 1</i>
<b>GOLDEN BAY</b>								
<b>4182</b>	<b>Farewell Spit.</b> (M) Bush - end Point	40 32.7 173 00.5		FlWR 15s	30	<b>W19</b> <b>R15</b>	White metal framework tower, orange top 27	<i>fl 0.1. W 117°-297° (180°) R 297°-336.8° (39.8°) W 336.8°-089.5° (112.7°), Obscured 089.5°-117° (27.5°)</i>
<b>COLLINGWOOD</b>								
<b>4186</b>	- Outer Ldg Lts. Front	40 40.7 172 41.0		FW			White Δ on wooden mast	Neon □ Occas. Moved to meet changes in the channel
<b>4186.1</b>	- - Rear.			FW			White Δ on wooden mast	Neon □ Occas
<b>4194.1</b>	Channel Entrance - Port Waitapu	40 48.5 172 40.0		FlG 3s	5	2	Pile	<i>fl 0.3, ec 2.7. (Caution, shallow tidal entrance drying at LW)</i>
<b>4196</b>	Port Waitapu - Ldg Lts. On hill. Front	40 49.3 172 49.0		FW		4		Occas. Moved to meet changes in the channel.
<b>4196.1</b>	- - Rear.			FW				Occas
<b>4197</b>	- Inner Ldg Lts. Front	40 49.8 172 48.3		FW			White Δ on wooden mast	Neon □
<b>4197.1</b>	- - Rear			FR			White Δ on wooden mast	Neon □
<b>TARAKOHE HARBOUR</b>								
<b>4198</b>	- Main Ldg Lts 138° 50'. Front	40 49.6 172 53.9		FBu	8	7	White Δ on wooden mast	Neon □
<b>4198.1</b>	- - Rear. 32 m from front			FBu	10	7	Wooden mast	Neon □
<b>4199</b>	- E outer mole. Head	40 49.2 172 53.6		FlR 5s	6	3	Round metal tower 2	<i>fl 1.0. Obscured 201° to 245° until about 2.6 M from harbour entrance</i>
<b>4199.1</b>	- W outer mole. Head	40 49.3 172 53.6		FlG 5s	6	4	Round metal tower 2	<i>fl 1.0</i>
<b>4199.8</b>	- Marina Entrance	40 49.3 172 53.8		FlR 3s	3	2	Metal pole 3	<i>fl 0.5</i>
<b>4201</b>	- E inner mole. Head	40 49.3 172 53.7		OcR 3s	4	3	Round metal tower 2	<i>ec 1</i>
<b>4201.1</b>	- W inner mole. Head	40 49.34 172 53.68		OcG 3s	4	3	Round metal tower 2	<i>ec 1</i>
<b>TASMAN BAY</b>								
<b>4204</b>	Separation Point (M)	40 47.0 172 59.9		FlW 8s	18	8	White metal tower 3	<i>fl 0.5. Vis 099°-328° (229°)</i>
<b>4206</b>	Pitt Head (M)	40 57.0 173 04.0		Fl(2)WR 15s	23	W7 R4	Square orange daymark, white stripe 3	<i>fl 1, ec 2, fl 1, ec 11. R 063°-191° (128°) W 191°-337° (146°) R 337°-348° (11°)</i>
<b>4210</b>	Riwaka Lts in line 243°. Front	41 04.6 173 00.7		FG	6	3	White tower	CAUTION: Vessels should not attempt to enter without recent local knowledge.
<b>4210.1</b>	- - Rear. 32 m from front			FG	9	3	White tower	
<b>MOTUEKA</b>								
<b>4212</b>	- Channel N side	41 08.19 173 01.79		QG	3	2	Green wooden pile	<i>fl 0.3, ec 0.9. CAUTION: Vessels should not attempt to enter without recent local knowledge.</i>
<b>4213</b>	- Training wall. Channel S side	41 08.25 173 01.82		QR	5	4	Pile	<i>fl 0.3, ec 0.9.</i>
<b>4214</b>	- Channel N side	41 08.23 173 01.67		Iso G 4s	3	2	Green wooden pile	<i>fl 2, ec 2</i>
<b>MAPUA</b>								
<b>4220</b>	On sandbank 0.6 M N of wharf. Lts in line 275° 00'. Front	41 14.8 173 06.3		FBu	8	4	White Δ on pole 8	Vessels should not attempt to enter without recent local knowledge.
<b>4220.1</b>	- Rear	41 14.8 173 06.3		FBu	11	4	White Δ on pole 11	
<b>4220.2</b>	Lts in line, 220° 45' Front	41 15.5 173 06.1		FG	9		White Δ on pole 9	
<b>4220.21</b>	- Rear	41 15.5 173 06.0		FG	11		White Δ on mast 11	

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PORT NELSON								
4222	- Schnapper	41 12.19 173 19.42		Fl(4)WR 20s	13	W15 R8	Steel column 11	<i>fl 0.06, ec 3.24</i> x 3, <i>fl 0.06, ec 10.04.</i> R 031°–047° (16°) W 047°–225° (178°) Ra refl
4223	- Nelson Airport	41 17.9 173 13.5		Aero Fl W				
4224	- Port Nelson Landfall Light	41 15.4 173 16.8		Fl(2)WR 12s	22	W20 R17	Steel pylon 18	<i>fl 0.2, ec 2.8, fl 0.2, ec 8.8.</i> R 067°–095° (28°) W 095°–216° (121°) Fl R on radio masts 2.2 and 3.0 M SW
4225	Ldg Lts 164° 45'. Haulashore Island. Front	41 16.2 173 15.4		Dir WRG	8	W14 R11 G11	White △ on piles	FG 157.2°–162.2°(5°) AI WG 162.2°–164°(1.8°) W phase increasing with bearing FW 164°–165.5°(1.5°) AI WR 165.5°–167.2°(1.7°) R phase increasing with bearing FR 167.2°–177.2°(10°)
4225.1	-- Rear. 600 m from front			F Bu	27	10	White ▽	Neon □. Vis 130°–200° (70°). Partially obscured 174°–188° (14°)
4225.6	Fairway Beacon	41 14.0 173 14.2		QW	13	9	Black △ on black and yellow pile	fl 0.2
4226	- S mole. Off head	41 15.8 173 15.3		Iso G 2s	3	7	Green metal pile	
4227	- Entrance Ldg Lts 135° 25'. Front	41 16.1 173 15.7		F G	6		White △	Neon □
4227.1	-- Rear. 306 m from front			F G	9		White ▽	Neon □. Vis 122°–148° (26°)
4227.4	- Boulder Bank W end No. 1	41 15.8 173 15.4		QR	3	5	Pile beacon	
4227.5	-- No. 2	41 15.9 173 15.5		Iso R 2s	2		Pile	
4227.6	-- No. 3	41 15.9 173 15.6		Iso R 2s	2		Pile	
4227.7	-- No. 4	41 15.9 173 15.7		Iso R 2s	2		Pile	
4228	- Haulashore Island N end. Ldg Lts 270° Front	41 16.0 173 15.4		F W	3		White ◇ on beacon	
4228.1	---- Rear. 103 m from front			F W	4	3	White △ on beacon	
4230	- Brunt Quay. NW Corner	41 15.7 173 16.3		Iso G 2s			Green metal pole	
4230.2	-	41 15.8 173 16.0		Iso G 2s				
4230.3	-	41 15.8 173 16.1		Iso G 2s				
4231	- NW side of channel. No. 5	41 15.9 173 15.8		Iso R 2s	7	2	Red wooden pile	
4231.02	-- No. 6	41 15.7 173 15.9		Iso R 2s	7	2	Red wooden pile	
4231.04	-- No. 7	41 15.6 173 16.1		Iso R 2s	7	2	Red wooden pile	
4231.06	-- No. 8	41 15.5 173 16.2		Iso R 2s	7	2	Red wooden pile	
4231.08	-- No. 9	41 15.5 173 16.3		Iso R 2s	7	2	Red wooden pile	
4231.1	-- No. 10	41 15.5 173 16.4		Iso G 2s	7	2	Green wooden pile	
BOAT HARBOUR CHANNEL								
4231.2	- No. 12	41 15.4 173 16.5		Iso R 2s	7	2	Red wooden pile	
4231.23	- No. 14	41 15.4 173 16.7		Iso R 2s	7	2	Red wooden pile	
4231.24	- No. 15	41 15.4 173 16.7		Iso G 2s	7	2	Green wooden pile	

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4231.26	- No. 16	41 15.4 173 16.8		Iso R 2s	7	2	Red wooden pile	
4231.27	- No. 17	41 15.4 173 16.8		Iso G 2s	7	2	Green wooden pile	
4231.28	- No. 18	41 15.5 173 16.8		Iso R 2s	7	2	Red wooden pile	
4231.33	- No. 20	41 15.6 173 16.8		Iso R 2s	7	2	Red wooden pile	
4231.5	- No. 23	41 15.5 173 16.9		Iso G 2s	7	2	Green wooden pile	
<b>TASMAN BAY</b>								
4233	- Croisilles Harbour	41 04.7 173 39.9		FlWR 5s	14	W5 R4	White post on rock 1	W 124°–139° (15°) R 139°–124° (345°)
4234	Okuri Point (M)	40 58.7 173 45.7		FlWR 4s	34	W8 R5	White metal tower 3	<i>fl</i> 0.8. R 160°–210° (50°), W 210°–160° (310°), except where obscured by land.
4236	Stephens Island (Takapourewa) N end (M)	40 39.9 174 00.0		FlW 6s	183	18	White metal tower 15	<i>fl</i> 0.1. Vis 054°–350° (296°) Reserve light range 10 M.
4237	Anatakupu Island (M)	40 53.8 173 52.2		FlW 3s	31	4	Fibreglass Column 2	<i>fl</i> 1
4237.4	Kapowai Bay. S end	40 54.2 173 50.5		FlR 3s	4	1	White square tower	<i>fl</i> 0.3
<b>TE AUMITI (FRENCH PASS)</b>								
4238	- Channel Point (M)	40 55.5 173 50.1		FWR	3	W10 R7	White house	R 034°–053° (19°), obscured in Waikawa Bay by Two Island Point. W 053°–148° (95°) R 148°–238° (90°)
4240	- Reef (M)	40 55.4 173 50.0		FlW 1.5s	5	4	White beacon 5	<i>fl</i> 0.5
4241	Elmslie Bay. Wharf. Head	40 55.6 173 50.7		FlG 3s	3	1	Cargo Shed	
<b>CHETWODE ISLAND.</b>								
4242	Ninepin Rock (M)	40 54.9 174 03.3		FlW 4s	17	8	White metal tower 3	<i>fl</i> 0.8
4242.05	Oke Rock	40 55.7 174 01.6		FlG 10s	6	3	Green $\Delta$ on green beacon 7	<i>fl</i> 1.0 <i>ec</i> 9.0. Ra refl
<b>PELORUS SOUND</b>								
4242.1	- Maud Island (Te Hoiere). NE Point	41 00.99 173 54.45		FlW 15s	24	10	White post 2	Vis 088°–031° (303°)
4242.15	Dart Rock	41 02.8 173 49.0		Fl(2)W 20s	3	5	Black $\bullet$ on white post, Black with red bands	<i>fl</i> 0.5, <i>ec</i> 1, <i>fl</i> 0.5, <i>ec</i> 18
4242.17	Flax Point	41 05.7 173 47.0		FlW 10s	9	2	White post 2	<i>fl</i> 0.5
4242.2	Tawero Point Orchard	41 03.8 173 57.0		FlW 5s	9	5	White post 2	Vis 099°–320° (221°)
4242.3	Tawero Point. S	41 04.0 173 56.8		FlW 10s	11	5	White post 2	Vis 217°–052° (195°)
4242.4	Turn Point. N	41 08.4 173 52.3		Fl(2)W 15s	6	5	White post 2	Vis 040°–233° (193°)
4242.5	Turn Point. S	41 08.7 173 52.0		FlW 10s	7	5	White post 2	<i>fl</i> 0.5. Vis 357°–190° (193°)
4242.6	One Tree Point. N	41 11.5 173 51.9		FlW 10s	7	5	White post 2	Vis 178°–008° (190°)
4242.7	One Tree Point. S	41 11.8 173 51.9		FlG 10s	6	3	White post 2	Vis 187°–022° (195°)
4242.9	Black Point	41 14.5 173 51.0		FlW 5s	2	5	White post 2	<i>fl</i> 0.5
<b>HAVELOCK HARBOUR</b>								
4243	- No 1. Moutapu	41 15.3 173 50.3		FlG 3s	2	3	Green metal tripod	<i>fl</i> 0.5
4243.1	- No. 3	41 15.6 173 49.2		FlG 3s	2	1	Green pile beacon	<i>fl</i> 0.5
4243.2	- No. 2. Hoods Bay	41 15.7 173 48.6		FlR 3s	2	3	Red pile beacon	<i>fl</i> 0.5

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4243.3	- Shag Point	41 15.7 173 47.8		Fl W 3s	2	3	White pile beacon	fl 0.5
4243.4	- No. 5	41 15.7 173 47.3		Fl G 3s	3	2	Green pile beacon	fl 0.5
4243.5	- No. 4	41 15.9 173 46.7		Fl R 3s	2	1	Red pile beacon	fl 0.5
4243.51	Cullen Point	41 16.1 173 46.3		Fl W 3s	3	3	White post 2	fl 0.3
4243.52	-	41 15.9 173 46.5		Q(4)R 5s	2	2	Red pile beacon	
4243.6	- No. 7	41 16.3 173 46.3		Fl G 3s	4	1	Green pile beacon	fl 0.5
4243.61	- Johnson Light.	41 16.6 173 46.2		Fl R 3s	4	4	Post 3	fl 0.5
4243.8	- Ldg Lts 190.5° Front	41 16.51 173 46.22		Fl R(ver)	7	1		Neon □
4243.81	- - - Rear. 16m from front.	41 16.52 173 46.21		Fl R(ver)	8	1		Neon □
<b>COOK STRAIT</b>								
4244	Cape Jackson (M)	40 59.7 174 18.8		Fl(3)W 20s	87	9	White metal tower 4	(fl 1, ec 1) x 2, fl 1, ec 15. Vis 050°–003° (313°) May be obscured by cliffs within 50m of the light.
4244.5	- - (Rock)	40 59.5 174 19.1		Fl W 4s	15	3	White tower on concrete base 15	fl 0.4
4246	<b>The Brothers</b> (M)	41 06.2 174 26.5		Fl W 10s	79	19	White wooden tower 12	fl 0.1. Reserve light range 10 M.
				Fl R 10s	70	10	Same structure	fl 1.5 Vis 164.5°–169.5° (5°) over Cook Rock, but obscured within 0.8 M
				Fl R 10s	74	10	Same structure	fl 1.5. Vis 008°–014° (6°) over awash rocks.
<b>QUEEN CHARLOTTE SOUND</b>								
4248	- Motuara Island. S end	41 06.0 174 16.5		Fl(2)W 10s	28	8	White metal framework tower 5	fl 0.4, ec 1.6, fl 0.4, ec 7.6
4249	- Edgecombe Point	41 09.3 174 12.0		Fl R 10s	3	5	White post 3	fl 0.5
4250	- Kurakura Point	41 11.1 174 12.1		Fl(3)W 15s	28	10	White metal column, red top 3	(fl 0.8, ec 1.2) x 2, fl 0.8, ec 10.2
4252	- Dieffenbach Point	41 14.0 174 08.8		Fl W 3s	12	6	White tower 3	fl 0.3
4253	- Luke Rock	41 13.19 174 08.30		Fl G 5s	3	5	Green △ on green column	fl 0.3
4253.5	- Allports Island	41 14.3 174 03.4		Q(5)W 10s	3	5	White post 2	(fl 0.3, ec 0.7) x 4, fl 0.3, ec 5.7
4254	- The Snout	41 15.1 174 02.9		Fl(2)W 10s	14	7	White post 2	fl 0.5, ec 1.0, fl 0.5, ec 8
4254.5	- - Waikawa Bay Marina. S Breakwater	41 16.0 174 02.3		Oc WRG 3s	5	2	White metal post 4	ec 0.5. G 212°–217° (5°) W 217°–227° (10°) R 227°–232° (5°)
4254.6	- - N breakwater	41 15.9 174 02.3		Fl G 3s	4	2	White metal post 3	fl 0.5
4255	- Picton Point	41 15.4 174 02.0		Fl R 2.5s	3	2	White post 3	fl 0.5
<b>PICTON HARBOUR</b>								
4256	- Mabel Island. S point	41 16.2 174 00.8		Fl W 2s	4	4	White concrete post	fl 0.3. Vis 183.5°–108.5° (285°)
4256.2	Picton Harbour Approaches	41 16.7 174 00.5		Fl G 3s	2	1		fl 0.3
4256.7	- Shelly Beach	41 16.91 174 00.71		Fl R 3s	5	5	White metal post	fl 0.3
4256.85	- Shelly Beach Breakwater	41 17.2 174 00.5		Fl R 6s	5	5	White metal post 3	fl 0.5

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4256.9	- Picton Floating Breakwater	41 17.3 174 00.5		FlG 4s	2	5	White metal post on floating breakwater 2	<i>fl 0.5</i>
4257	- Waitohi Wharf. Head	41 16.95 174 00.39		FR QBu	7 14	6 5	Metal framework flood-lighting tower Same structure	Occas warning light is exhibited when large vessels are manoeuvring at Picton Wharves
4257.5	- Breakwater	41 17.4 174 00.5		FG				
4257.8	- Ldg Lts 176° 05'. Front	41 17.3 174 00.5		FG	3	2	Concrete pile 3	(P) 2006
4257.81	- - Rear. 20 m from front	41 17.3 174 00.5		FG	4	2	Concrete pile 4	(P) 2006
4258	- Ferry Terminal No.1 Wharf. Head	41 17.2 174 00.4		FG			Mast 4	Neon
4258.2	- - - Root	41 17.2 174 00.3		FG			Mast	Neon
4259	- - No. 2 Wharf. Head	41 17.1 174 00.4		FR	6		Mast	Neon
4259.2	- - - Root	41 17.2 174 00.3		FR	9		Mast	Neon
4260	- Wedge Point	41 15.5 174 00.7		Mo(A) 8s	8	5	White post 2	<i>fl 0.2, ec 1.4, fl 3.0, ec 3.4</i>
4260.2	Shakespeare Bay. Inner	41 16.4 174 00.2		Q(4)R 6s	2	3	White post 2	<i>(fl 0.4, ec 0.6) x 3, fl 0.4, ec 2.6</i>
4260.3	- Shakespeare Bay. No. 3	41 16.35 173 59.80		LFlG 5s	2	3	White post 1	
4260.4	Shakespeare Bay. Outer	41 16.0 174 00.2		Q(5)G 10s	2	3	White post 2	<i>(fl 0.3, ec 0.7) x 4, fl 0.3 ec 5.7</i>
TORY CHANNEL								
4261	- Houhou Light	41 15.25 173 58.43		FlG 3s	2	2	Green $\Delta$ on pillar	Ra refl
4262	- W Head	41 12.80 174 18.88		Mo(N)WR 10s	46	8	White tower 4	<i>fl 1, ec 1, fl 0.5, ec 7.5.</i> W 095°–246° (151°) R 246°–270° (24°), W 270°–010° (100°), R 010°–052° (42°)
4264	- Arapawa Island Ldg Lts 311° 45'. Front	41 12.16 174 18.30		QW	7	11	White $\Delta$ orange stripe 6	
4264.1	- - - Rear. 130 m from front	41 12.10 174 18.22		Iso W 2s	27	11	White $\Delta$ orange stripe 6	
4265	- E Head. Dir Lt	41 12.62 174 19.41		Dir WRG	35	3	Wooden post 1	G 082.7°–086.7° (4°), W 090.7°–094.8° (4.1°), R 098.8°–102.8° (4°), Al WG 086.7°–090.7° (4°) Al WR 094.8°–098.8° (4°) R light on mast 2.3 M NE.
4266	- Scraggy Point	41 12.90 174 18.32		Fl(2)W 10s	18	5	White post 2	<i>fl 0.5, ec 2, fl 0.5, ec 7</i>
4266.1	- Motukina Point	41 14.7 174 15.3		FlR 5s	14	4	White post 2	<i>fl 0.5</i>
4267	- Te Uira-karapa Point. W	41 14.3 174 15.0		FlW 5s	8	6	White metal pole 3	<i>fl 0.4</i>
4267.1	- - E	41 14.3 174 15.2		FlG 3s	18	4	White wooden pole 2	An old light tower (3 m) is situated close W.
4267.4	- Arrowsmith Point	41 14.7 174 12.0		Fl(4)W 15s	4	5	White post	<i>(fl 0.5, ec 1) x 3, fl 0.5, ec 10.</i> Vis 082°–270.5° (188.5°)
4268	- Ruaomoko Point. E	41 14.7 174 10.0		Fl(3)W 10s	22	5	White post 2	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 6.5</i>
4268.2	- - W	41 14.6 174 09.7		QW	9	5	White post 2	
4268.21	- Otamango Point	41 15.2 174 09.5		FlR 3s	6	4	White post 2	<i>fl 0.3</i>

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COOK STRAIT								
4268.3	- Fighting Bay. Prohibited Anchorage and Fishing Area. N limit.	41 18.5 174 14.1		F(4)WR 20s	189	W7 R4	White $\Delta$ on beacon orange stripe	<i>fl 1.0, ec 0.5</i> x 3, <i>fl 1.0, ec 14.5.</i> W 221°–263° (42°) R 263°–310° (47°) Daymark 263° 100 m marks N limit of cable area
4268.4	- - - S limit.	41 20.2 174 10.4		L F(2)WR 20s	117	W7 R5	White $\Delta$ on beacon orange stripe	<i>fl 2.0, ec 0.5, fl 2.0, ec 15.5.</i> R 271°–301° (30°) W 301°–051° (110°) Daymark. 301°–200 m marks S limit of cable area
4269	Robertson Point	41 21.2 174 07.2		FIW 5s	16	5	White concrete column 2	<i>fl 0.5</i>
4272	Blenheim (Aerodrome)	41 30.9 173 52.3		Aero AI WG 3.7s				F R on radio mast 4 M E
4273	-	41 32.6 173 48.1		Aero Oc R				
4274	<b>Cape Campbell (M)</b>	41 43.8 174 16.5		FIW 15s	47	<b>19</b>	White metal tower, black bands 22	<i>fl 0.1.</i> Obscured by land when bearing more than 010°. RC.
KAIKOURA PENINSULA								
4275	- Point Kean (M)	42 25.4 173 42.9		F(2)W 15s	41	9	Yellow metal tower 4	<i>fl 1, ec 2, fl 1, ec 11.</i>
4276	- N Wharf. Ldg Lts 221° 35'. Front	42 24.8 173 42.2		F G	5			
4276.1	- - - Rear. 126 m from front	42 24.9 173 42.1		F G	8			
4277	- Kaikoura S Breakwater Head	42 25.5 173 40.9		Iso G 2s	5	6	Steel post, black and white bands 3	
4279	Point Gibson (M)	42 53.2 173 19.0		FIW 10s	76	10	Red metal tower, white bands 3	<i>fl 1.</i> Vis 202°–027° (185°)
4282	Motunau River. Entrance. Ldg Lts. Front	43 03.1 173 04.6		FR	6	3	Mast	CAUTION: Vessels should not attempt to enter without local knowledge
4282.1	- - Rear. 73 m from front			FR	12	3	Mast	
LYTTELTON HARBOUR								
4286	- <b>Godley Head</b>	43 35.2 172 48.5		L F(3)W 26s	97	<b>17</b>	Tower, brown cupola, white base 6	<i>(fl 2, ec 4) x 2, fl 2, ec 12.</i> 161°–017° (216°)
4288	- <b>Purau Bay</b>	43 37.6 172 44.6		Dir Oc WRG 12s	54	<b>15</b>	Grey concrete shed, red roof 3	<i>ec 4.</i> G 236°–240° (4°) W 240°–242° (2°), R 242°–246° (4°)
4289	- <b>Governors Bay</b>	43 37.33 172 38.88		<i>By day</i> Dir F WRG	65	<b>19</b>	Grey concrete shed, red roof 3	G 258°–260° (2°) W 260°–261° (1°), R 261°–263° (2°) Light oscillates at the margins of the white sector
4290	- Shag Reef. Ldg Lts 260° 39'. Front	43 36.9 172 42.8		<i>By day</i> FIW 1.5s	10	3	White conical tower	<i>fl 0.5.</i> Ra refl
4290.1	- - - Rear. 0.52 M from front	43 37.0 172 42.1		LFIW 5s	18	5	White concrete tower, red and yellow chequered E face	<i>fl 2.</i> Ra refl
4291	- N of Parson Rock	43 36.9 172 45.1		F(2)R 10s	7	4	Red $\square$ on red pile beacon	<i>fl 0.5, ec 1, fl 0.5, ec 8</i>
4293	- Sticking Point. Breakwater. Head	43 36.7 172 44.0		F(2)G 5s	8	5	White pile	
4296	- Naval Point. Ldg Lts 301° 54'. Front	43 36.7 172 42.8		FR	8		$\Delta$ on beacon	Neon $\Delta$
4296.1	- - - Rear. 570 m from front	43 36.5 172 42.4		FR	11		$\nabla$ on beacon	Neon $\nabla$
4299	- Naval Point W Mole	43 36.6 172 42.9		Oc R 6s	8	2	Black and white pylon	

## SOUTH ISLAND

Int. No (1)	Location – Name (2)	Lat Long (3)	S E (3)	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
4300	- Gladstone Pier. E Mole	43 36.6 172 43.1		Oc G 6s	8	2	White tower, green top	ec 1. Obscured by shed between 278°–303° (25°)
4301	- Dredged channel extremity. Lts in line 301° 54'. Front	43 36.7 172 42.7		FR	8	1	White $\Delta$ on wooden pile 10	Neon $\square$
4301.1	- - - Rear. 475 m from front			FR	11	1	White $\nabla$ on wooden pile 10	Neon $\square$
4302	- Magazine Bay pipe Marina. Fixed Breakwater Head	43 36.8 172 42.3		F(3)G 10s	2	2	Black and white steel pipe	
4304	- Camp Bay. Ldg Lts 195° 30'. Front	43 37.5 172 46.8		FR	14		White beacon	
4304.1	- - - Rear. 46 m from front			FR	18		White beacon	
4310	<b>Steep Head (M)</b>	43 44.8 173 07.6		FIW 5s	156	19	White metal tower 4	<i>fl</i> 0.1. Vis 161°–001° (200°). Owing to its elevation the light is liable to be obscured by fog and mist
	-Reserve light					10		
AKAROA HARBOUR								
4314	- <b>Akaroa Head (M)</b>	43 53.5 172 58.7		FIW 10s	68	19	White fibreglass tower 3	<i>fl</i> 0.1. Vis 262°–116° (214°) but obscured from seaward by Timutimu Head when bearing more than 071°.
4315	- - Ldg Lts 330° 06'. Front	43 49.08 172 54.20		FG	8	7	Wooden pole 7	
4315.1	- - - Rear. 0.79 M from front	43 48.41 172 53.66		FG	83	7	Wooden pole 7	
4316	- Green Point. On reef from front	43 48.9 172 56.8		FI G 5s	4	2	White wooden post 5	Vis 024°–241° (217°)
4318	- Childrens Bay Ldg Lts 058° 40'. Front	43 48.11 172 58.04		FG	7	5	On street light, red & yellow quarters on circular daymark	Neon $\square$
4318.1	- - - Rear.	43 48.09 172 58.08		FG	10	5	On street light, red & yellow quarters on circular daymark	Neon $\square$
TIMARU HARBOUR								
4322	- Fairway Beacon	44 22.83 171 19.37		Mo(A)W 10s	8	9	White beacon, red stripes	
4323	-	44 13.5 171 26.0		OcY 5s	9	2	White $\Delta$ on wooden pile 2	
4324	- <b>Airport</b>	44 18.3 171 13.5		Aero FIW 3.7s	31	15		<i>fl</i> 0.2. Location beacon
4328	- Ldg Lts 267° 10'. Front	44 23.2 171 15.5		FG	16	5	Orange $\Delta$ on white concrete post	Neon $\square$
4328.1	- - <b>Benvenue Cliff.</b> Middle. 0.53 M from front	44 23.2 171 14.8		Dir W R G	25	<b>W21</b> <b>R17</b> <b>G17</b>	Orange $\Delta$ on beacon 4	F G 264.5°–266° (1.5°), AI WG 266°–266.7° (0.7°), W phase increasing with bearing. F W 266.7°–267.5° (0.8°), AI WR 267.5°–268.2° (0.7°), R phase increasing with bearing. F R 268.2°–269.7° (1.5°) Neon $\square$
				FG <i>By day</i>	25	10 5		
4328.2	- - Rear. 210 m from middle	44 23.2 171 14.6		FG	30	7	Orange $\Delta$ on beacon 4	Neon $\square$
4329	- Eastern Extension Mole. Spur Breakwater Head	44 23.2 171 16.0		FI R 5s	17	11	Tower	<i>fl</i> 1. F R lights on radio mast 2.5 M N.
4329.4	- Outer N Mole. Head	44 23.3 171 15.6		FI G 10s	10	6	White wooden mast 8	
4330	- Lts in line 228° E mole. Head. Front	44 23.5 171 15.6		FR	7	2	Metal box 4	Neon $\square$ . Vis 003°–244° (241°)
4330.1	- - No. 2 Wharf. Root. Rear. 640 m from front			FR	20	2	Metal box on floodlit tower	Neon $\square$

## SOUTH ISLAND

Int. No (1)	Location – Name (2)	Lat Long (3)	S E	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
4331	- War Memorial	44 24.0 171 15.1		FG	44	14	Mast	
				<i>By day</i>		10		
4332	- Inner N Mole. Head	44 23.3 171 15.6		FIG 2s	6	5	White lattice tower inclined 45° from vertical	<i>fl 0.3.</i> Electric lights in railway yard are visible from seaward especially when approaching from S.
4335	- No. 3 Wharf. Head Lts in line 228°. Front	44 23.6 171 15.3		FG	6	4	Metal box Neon □	
4335.2	- - Near root. Rear. 230 m from front	44 23.7 171 15.2		FG	20	4	Metal box Neon □	
4340	Tuhawaiki Point (M)	44 26.7 171 15.6		LFIW 10s	29	9	White metal tower 9	<i>fl 2</i>
OAMARU HARBOUR								
4348	- Breakwater. Head	45 06.4 170 58.8		FIR 5s	8	5	Framework tower	<i>fl 0.3</i>
4350	- Holmes Wharf. Head	45 06.5 170 58.7		FG	4	2	Lamp Post	
4358	Moeraki. Ldg Lts 216° 31'. Front.	45 21.8 170 50.8		QW	11	6	Mast 4	
4358.1	- - Rear. 500 m from front.			Iso W 4s	51	6	Mast 4	
4359	- Wharf. Head	45 21.6 170 51.2		Iso R 3.5s	5	2	White post, red top	
4360	- Katiki Point (M)	45 23.68 170 52.09		Iso W 12s	56	10	White wooden tower 8	Vis 181°-018° (197°)
4362	Heyward Point	45 45.5 170 41.5		FWR 5s	25	W9 R7	White tower 4	<i>fl 0.7.</i> W shore-259°, R 259°-306.5° (47.5°)
OTAGO HARBOUR								
4363	Fairway Beacon	45 45.1 170 43.6		F(2)R 5s	9	5	Red □ on pile beacon, pivoted at base	<i>fl 0.5, ec 1, fl 0.5, ec 3</i>
4364	<b>Taiaroa Head</b>	45 46.4 170 43.7		LFI(2)W 18s	60	18	White stone tower 12	<i>fl 2, ec 4, fl 2, ec 10.</i> Vis 158°-300° (142°). Sig Stn. FR lights on mast 7.5M WSW
4365	N mole	45 46.3 170 43.2		F(3)W 5s	9	5	Black ⚡ on black metal column with yellow band	Ra refl
4366	<b>Approach Channel.</b> Dir Lt 186° 09'	45 48.0 170 43.1		Dir WRG	19	<b>W21</b> <b>R17</b> <b>G17</b>	Red △ on white tower 5	F G 183.65°-185.1° (1.45°), AI W G 185.1°-185.45° (0.35°), W phase increasing with bearing F W 185.45°-186.85° (1.4°), AI W R 186.85°-187.2° (0.35°) R phase increasing with bearing F R 187.2°-188.65° (1.45°). An overspill of white light is visible at night to eastward and westward of the fixed red and green sectors. Vessels should ensure they have crossed the red and green sectors before turning on to the leading line. Range 5M when sighted outside the main Dir Lt Sectors
				<i>By day</i>		4		
LOWER HARBOUR								
4366.9	No. 1	45 46.5 170 43.2		FIG 3s	3	2	Green △ on green beacon	
4367	No. 1A	45 46.82 170 43.14		F(2)G 5s	3	3	Green △ on green beacon	Ra refl
4367.1	Harington Point	45 47.1 170 43.4		Oc R 10s	3	2	Metal house on cliff	<i>ec 1</i>
4367.12	Spit Tide Gauge Pile	45 47.16 170 43.12		Oc G 4s	3	3	Green △ on steel pile	

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Int. No (1)	Location – Name (2)	Lat Long (3)	S E (4)	Characteristics (5)	Elevation metres (6)	Range miles (7)	Structure Height in metres (8)	Remarks (9)
4367.2	No. 2	45 47.3 170 43.4		FIR 3s	3	3	Red □ on red beacon	Ra refl
4367.3	No. 3	45 47.3 170 43.1		F(2)G 4s	3	3	Green △ on green beacon	Ra refl
4367.4	No. 4. Groyne. Head	45 47.4 170 43.3		F(2)R 4s	3	3	Red □ on red tripod beacon	Ra refl
4367.5	No. 5	45 47.5 170 43.0		F(3)G 6s	3	3	Green △ on green beacon	(fl 0.5, ec 1) x 2, fl 0.5, ec 2.5. Ra refl
4367.6	No. 6. Groyne. Head	45 47.6 170 43.1		F(3)R 6s	3	3	Red □ on red beacon	Ra refl
4367.7	No. 7	45 47.6 170 42.8		FIG 3s	3	3	Green △ on green beacon	Neon □ Ra refl
4367.8	No. 8. Groyne. Head	45 47.7 170 42.9		FIR 3s	3	3	Red □ on red tripod beacon	Ra refl
4367.9	No. 9	45 47.7 170 42.5		Oc G 4s	5	3	Green △ on green beacon	ec 1. Ra refl
4368	No. 10. Groyne. Elbow	45 47.8 170 42.5		Oc R 10s	3	2	Red □ on red beacon	ec 1. Ra refl
4368.2	No. 11	45 47.6 170 41.8		FIG 2.5s	3	1	Green △ on green beacon	Ra refl
4368.3	No. 12	45 47.8 170 41.7		FIR 2.5s	3	1	Red □ on red beacon	Ra refl
4368.4	No. 13	45 47.48 170 40.81		F(2)G 5s	3	3	Green △ on green beacon	Ra refl
4368.45	No. 13A Ldg Lts 283° 15'. Front	45 47.5 170 40.2		FG	3	3	Green △ on green beacon	Neon □. Ra refl
4368.46	Rear. 870 m from front	45 47.4 170 39.6		FY	5	3	White △ on tripod beacon	
4368.5	No. 14	45 47.63 170 40.75		F(2)R 5s	3	3	Red □ on red beacon	Ra refl
4368.6	No. 15	45 47.6 170 39.8		FIG 3s	3	3	Green △ on green beacon	Ra refl
4368.7	No. 16	45 47.7 170 40.3		F(3)R 5s	3	3	Red □ on red beacon	Ra refl
4368.72	No. 16A	45 47.7 170 39.9		FIR 3s	3	3	Red □ on red beacon	Ra refl
4368.8	No. 17 – Off Pulling Point	45 47.76 170 39.39		FG	3	3	Green △ on green tripod beacon	Neon □. Ra refl
4368.9	No. 18	45 47.9 170 39.5		F(2)R 5s	3	3	Red □ on red pile beacon	Ra refl
4368.95	No. 18A	45 47.99 170 39.04		Oc R 4s	3	3	Red □ on red beacon	Ra refl
4369	No. 19 – Off Acheron Head	45 47.90 170 38.74		FG	3	3	Green △ on green tripod beacon	Neon □. Ra refl
4369.1	No. 19A	45 47.90 170 38.47		F(3)G 6s	3	3	Green △ on green pile beacon	Ra refl
4369.2	No. 20	45 48.0 170 38.4		F(3)R 5s	3	3	Red □ on red beacon	Ra refl
4369.22	No. 20A	45 48.1 170 38.3		FIR 3s	3	3	Red □ on red tripod beacon	Ra refl
4369.5	No. 21	45 47.93 170 38.33		FIG 3s	3	3	Green △ on green pile beacon	Ra refl
4369.52	No. 21A	45 48.0 170 38.3		FG	3	3	Green △ on green pile beacon	Neon □. Ra refl
4369.54	Deborah Bay	45 47.8 170 38.1		FY	3	3	Red △ on pile beacon	
4369.6	No. 22	45 48.2 170 38.1		F(2)R 5s	3	3	Red □ on red	Ra refl
4369.7	No. 23	45 48.1 170 38.0		Oc G 4s	3	3	Green △ on green beacon	ec 1. Ra refl
4369.8	No. 24	45 48.3 170 38.0		FIR 3s	4	3	Red □ on red beacon	Ra refl
4369.82	No. 24A	45 48.5 170 37.9		F(2)R 5s	4	3	Red □ on red beacon	Ra refl

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Int. No (1)	Location – Name (2)	Lat Long (3)	S E (4)	Characteristics (5)	Elevation metres (6)	Range miles (7)	Structure Height in metres (8)	Remarks (9)
4369.83	No. 25 – Off Rocky Point	45 48.3 170 37.8		FG	3	6	Green $\Delta$ on green tripod beacon 3	Neon $\square$ . Ra refl
				By day Dir RY		2		R 345° - 350° (5°) Y 350° - 355° (5°)
4369.84	Careys Bay. Fishing Berths. SE head	45 48.5 170 37.6		3 FG(vert)	3	1	Pole on wharf	
4369.85	Boiler Point	45 48.5 170 37.6		QR	3	2	Red pile 3	
4369.86	Multi Purpose Berth. N end	45 48.6 170 37.7		FG				Neon $\square$
4370	No. 26	45 48.6 170 37.9		FIR 3s	3	1	Red $\square$ on red beacon	Ra refl
<b>PORT CHALMERS</b>								
4370.2	No. 27	45 48.5 170 37.7		FG	3	1	Green $\Delta$ on green beacon	Ra refl
4370.25	Container Terminal Wharf. NE end	45 48.7 170 37.6		4 FW(hor)				
4370.27	Beach Street Wharf. E end.	45 48.8 170 37.8		FG				Neon $\square$
4370.3	No. 28	45 48.81 170 37.99		F(2) R 5s	3	3	Red $\square$ on red beacon	Ra refl
4370.74	No. 29	45 49.0 170 37.8		FG	3	3	Green $\Delta$ on green pile	Neon $\square$
4370.9	No. 30	45 49.1 170 37.9		FIR 3s	3	1	Red $\square$ on red beacon	Ra refl
4371	Wharf - SE corner	45 49.2 170 37.8		VQ(3) W	3	1	$\diamond$ on yellow and black beacon 3	
4371.5	Wharf – off SW corner	45 49.2 170 37.6		VQ(6) + LFI W 15s	3	1	$\nabla$ On yellow and black beacon 3	Ra refl
4372	Ldg Lts 028° 20'. No 32 Front	45 49.2 170 37.9		Q(2)R 4s	3	1	Red $\square$ on red beacon, white band	Ra refl
4372.1	- Rear. 170 m from front	45 49.2 170 38.0		QR	3	1	White $\Delta$ black stripes	
4372.2	Ldg Lts 044° 43'.	45 49.4 170 37.9		F(2)Y 4s	3	1	Black pile beacon, White $\Delta$	
4372.21	- Rear. 230 m from front	45 49.3 170 38.0		QY	3	1	Black pile beacon, White $\Delta$	
<b>UPPER HARBOUR</b>								
4372.4	Ldg Lts 208° 20'. No. 2A. Front	45 49.8 170 37.5		F(2)R 4s	3	1	Red $\square$ on red double pile beacon	
4372.5	- Rear. 100 m from front	45 49.9 170 37.5		QR	3	1	White $\Delta$ , black stripe	
4373	Goat Island No. 1	45 49.6 170 37.6		QG	3	1	Pile beacon	
4373.2	No. 2 Quarantine Island/Kamau Taurua	45 49.6 170 37.7		QR	3	2	Pile beacon	
4373.3	No. 3	45 49.7 170 37.2		F(2)G 5s	3	1	Green $\Delta$ on green pile beacon	
4373.4	No. 4	45 49.8 170 37.2		F(2)R 5s	3	1	Red $\square$ on pile	
4373.44	No. 5	45 49.7 170 36.9		QG	3	1	Green $\Delta$ on green beacon	
4373.6	No. 6	45 49.8 170 36.9		QR	3	1	Red $\square$ on pile	
4373.7	No. 7	45 49.8 170 36.5		F(2)G 5s	3	1	Green $\Delta$ on green beacon	
4373.8	No. 8	45 49.9 170 36.5		F(2)R 5s	3	1	Red $\square$ on pile	
4373.9	No. 8A	45 49.9 170 36.3		F(3)R 6s	3	1	Red $\square$ on pile	
4374	Kilgour Point. No. 9	45 49.9 170 36.1		F(3)G 6s	3	1	Green $\Delta$ on green beacon	

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Int. No (1)	Location – Name (2)	Lat Long (3)	S E	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
<b>VICTORIA CHANNEL</b>								
4374.1	- No. 11	45 50.0 170 35.8		QG	3	1	Green $\Delta$ on green pile beacon	
4374.12	- No. 12	45 50.1 170 35.9		QR	3	1	Red $\square$ on pile beacon	F R lights on radio masts 3.1 M SSW
4374.125	- No. 13	45 50.0 170 35.7		F(2)G 5s	3	1	Green $\Delta$ on green beacon	
4374.13	- No. 15	45 50.1 170 35.6		F(3)G 6s	3	1	Green $\Delta$ on green beacon	
4374.14	- No. 16	45 50.1 170 35.7		F(3)R 6s	3	1	Red $\square$ on pile	
4374.16	- No. 17	45 50.1 170 35.5		QG	3	1	Green $\Delta$ on green pile beacon	
4374.18	- No. 18	45 50.2 170 35.5		QR	3	1	Red $\square$ on pile	
4374.2	- No. 19	45 50.2 170 35.4		Iso G 4s	3	1	Green $\Delta$ on green pile beacon	
4374.22	- No. 20	45 50.3 170 35.4		F(2)R 5s	3	1	Red $\square$ on pile	
4374.24	- No. 21	45 50.3 170 35.3		F(2)G 5s	3	1	Green $\Delta$ on green pile beacon	
4374.26	- No. 22	45 50.4 170 35.4		F(3)R 6s	3	1	Red $\square$ on pile	
4374.28	- No. 23	45 50.4 170 35.3		F(3)G 6s	3	1	Green $\Delta$ on green pile beacon	
4374.29	- No. 24	45 50.5 170 35.3		QR	3	1	Red $\square$ on red beacon	
4374.3	- No. 25	45 50.5 170 35.2		QG	3	1	Green $\Delta$ on green beacon	
4374.31	- No. 26	45 50.7 170 35.2		F(2)R 5s	3	1	Red $\square$ on double pile beacon	
4374.32	- No. 27	45 50.6 170 35.1		F(2)G 5s	3	1	Green $\Delta$ on green double pile beacon	
4374.33	- No. 28	45 50.8 170 35.2		F(3)R 6s	3	1	Red $\square$ on red pile	
4374.34	- No. 29	45 50.8 170 35.1		F(3)G 6s	3	1	Green $\Delta$ on green pile beacon	
4374.36	- No. 30	45 51.0 170 35.0		QR	3	1	Red $\square$ on pile	
4374.38	- No. 31	45 51.0 170 35.0		QG	3	1	Green $\Delta$ on green pile beacon	
4374.39	- No. 32	45 51.2 170 34.9		F(2)R 5s	3	1	Red $\square$ on red beacon	
4374.395	- No. 33	45 51.1 170 34.8		F(2)G 5s	3	1	Green $\Delta$ on green beacon	
4374.4	- No. 34	45 51.3 170 34.8		F(3)R 6s	3	1	Red $\square$ on pile	
4374.42	- No. 35	45 51.3 170 34.7		F(3)G 6s	3	1	Green $\Delta$ on green pile beacon	
4374.43	- No. 36	45 51.4 170 34.7		QR	3	1	Red $\square$ on red beacon	
4374.44	- No. 37	45 51.3 170 34.7		QG	3	1	Green $\Delta$ on green beacon	
4374.46	- No. 38	45 51.5 170 34.6		F(2)R 5s	3	1	Red $\square$ on pile	
4374.47	- No. 39	45 51.5 170 34.5		F(2)G 5s	3	1	Green $\Delta$ on green beacon	
4374.48	- No. 40	45 51.7 170 34.4		F(3)R 6s	3	1	Red $\square$ on red pile white band	Marks telegraph cable
4374.5	- No. 41	45 51.7 170 34.3		F(3)G 6s	3	1	Green $\Delta$ on green pile beacon, white band	Marks telegraph cable
4374.52	- No. 42	45 51.9 170 34.2		QR	3	1	Red $\square$ on red double pile beacon	
4374.54	- No. 43	45 51.8 170 34.1		QG	3	1	Green $\Delta$ on green double pile beacon	
4374.55	- No. 44	45 52.0 170 34.0		F(2)R 5s	3	1	Red $\square$ on red pile	
4374.56	- No. 45	45 51.9 170 33.9		F(2)G 5s	3	1	Green $\Delta$ on green pile beacon	

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Int. No (1)	Location – Name (2)	Lat Long (3)	S E	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
4374.58	- No. 46	45 52.0 170 33.8		F(3)R 6s	3	1	Red □ on red pile	
4374.6	- No. 47	45 52.0 170 33.7		F(3)G 6s	3	1	Green △ on green pile beacon	
4374.61	- No. 48	45 52.1 170 33.6		QR	3	1	Red □ on red pile	
4374.615	- No. 49	45 52.0 170 33.6		QG	3	1	Green △ on green beacon	
4374.62	- No. 50	45 52.1 170 33.5		F(2)R 5s	3	1	Red □ on pile	
4374.64	- No. 51	45 52.1 170 33.5		F(2)G 5s	3	1	Green △ on green pile beacon	
4374.65	- No. 52	45 52.2 170 33.5		F(3)R 6s	3	1	Red □ on red beacon	
4374.655	- No. 53	45 52.1 170 33.3		F(3)G 6s	3	1	Green △ on green beacon	
4374.66	- No. 54	45 52.2 170 33.1		QR	3	1	Red □ on red beacon	
4374.68	- No. 55	45 52.2 170 33.1		QG	3	1	Green △ on green double pile beacon	
4374.7	- No. 56	45 52.3 170 32.9		F(2)R 5s	3	1	Red □ on pile	
4374.72	- No. 57	45 52.2 170 32.8		F(2)G 5s	3	1	Green △ on green pile beacon	
4374.725	Ravensbourne Wharf - E end	45 52.2 170 32.7		F G	3	1		Neon □
4374.73	- Centre	45 52.2 170 32.6		2 F G(vert)	3	1		
4374.735	- W end	45 52.2 170 32.6		F G	3	1		Neon □
4374.74	- No. 58	45 52.3 170 32.4		F(3)R 6s	3	1	Red □ on pile	
4374.76	- No. 59	45 52.3 170 32.4		F(3)G 6s	3	1	Green △ on green pile beacon	
4374.77	- No. 60	45 52.4 170 32.2		QR	3	1	Red □ on red pile	
4374.78	- No. 61	45 52.4 170 32.2		QG	3	1	Green △ on green pile beacon	
4374.8	- No. 62	45 52.5 170 32.0		F(2)R 5s	3	1	Red □ on pile	
4374.82	- No. 63	45 52.4 170 32.0		F(2)G 5s	3	1	Green △ on green pile beacon	
4374.83	- No. 64	45 52.5 170 31.7		F(3)R 6s	3	1	Red □ on pile	
4374.84	- No. 66	45 52.5 170 31.6		QR	3	1	Red □ on pile	
4374.86	- No. 67	45 52.5 170 31.6		QG	3	1	Green △ on green pile beacon	
4374.88	- No 68	45 52.6 170 31.4		F(2)R 5s	3	1	Red □ on pile	
4374.9	LPG Wharf - E	45 52.5 170 31.5		F G	2	1	On E dolphin	Neon □
4374.91	- Leith Wharf. Head	45 52.4 170 31.4		F G	3	1	E end, side of pumphouse	Neon □
4374.96	- Oil Jetty. Head	45 52.5 170 31.3		2 F G(vert)	9			5
<b>DUNEDIN</b>								
4374.98	- No. 70	45 52.6 170 31.3		F(3)R 6s	3	1	Red □ on pile	
4375	- No. 72	45 52.6 170 31.1		QR	3	1	Red □ on pile beacon	
4375.02	- No. 74	45 52.7 170 31.0		F(2)R 5s	3	1	Red □ on pile	
4375.1	- No. 76	45 52.9 170 30.7		F(3)R 6s	3	1	Red □ on pile	
4375.2	- Rattray St Wharf. E end	45 52.8 170 30.8		2 F G(vert)	17	1	Shed	

**SOUTH ISLAND**

Int. No (1)	Location - Name (2)	Lat Long (3)	S E (4)	Characteristics (5)	Elevation metres (6)	Range miles (7)	Structure Height in metres (8)	Remarks (9)
<b>4375.5</b>	Birch Street Wharf. E end	45 52.9 170 30.7		FG				
<b>4376</b>	Cape Saunders S end (M)	45 52.8 170 43.7		LFIW 10s	58	10	White metal tower 4	<i>fl 2.</i> Vis 254°-064° (170°)
<b>4380</b>	Nugget Point. E end (M)	46 26.9 169 49.0		LFI(2)W 12s	75	10	White stone tower 9	<i>fl 2, ec 2, fl 2, ec 6</i>
<b>4381</b>	Tautuku Peninsula (M)	46 36.8 169 26.3		FI(3)W 15s	32	8	White metal tower 4	<i>(fl 0.5, ec 1.5) x 2, fl 0.5, ec 10.5</i>
<b>4382</b>	Slope Point (M)	46 40.5 169 00.0		FIW 5s	33	8	White round metal tower 3	<i>fl 1.</i> Vis 268°-098° (190°)
<b>4384</b>	Waipapa Point (M)	46 39.8 168 50.7		FI(5)W 20s	21	9	White wooden tower 13	<i>(fl 1, ec 1) x 4, fl 1, ec 11</i>
<b>4387</b>	Bushy Point (M)	46 36.5 168 31.2		FI(2)W 15s	7	8	White metal tower 4	<i>fl 1, ec 2, fl 1, ec 11</i>
<b>STEWART ISLAND/RAKIURA</b>								
<b>4388</b>	Ackers Point (M)	46 53.8 168 09.8		FI(3)WR 10s	20	W7 R4	White metal tower 5	<i>(fl 0.5, ec 1.5) x 2, fl 0.5, ec 5.5.</i> W 118°-251.8° (133.8°), partially obscured by land 118°-160° (42°) R 251.8°-257° (5.2°), W 257°-000° (103°) partially obscured by land 320-000° (40°)
<b>4389</b>	Halfmoon Bay	46 53.9 168 08.1		FI R 5s	2	5	Red □ on red metal pile	
<b>4394</b>	<b>Dog Island</b> (M)	46 39.2 168 24.6		FIW 10s	46	<b>19</b>	White round stone tower, black bands 37	<i>fl 0.1.</i> Reserve Light range 10 M.
<b>BLUFF HARBOUR</b>								
<b>4397</b>	- Entrance Light	46 37.5 168 20.5		FIWR 3s	19	W11 R8	White △ on wooden tower 6	<i>fl 1.</i> R 247.5°-342° (94.5°), W 342°-077.5° (95.5°)
<b>4398</b>	-Stirling Point	46 36.8 168 21.6		FR	11	6	On old signal station roof 7	
<b>4400</b>	-No. 1 Reach Ldg Lts 031° 00'. Front	46 36.3 168 22.4		FG	6	10	White metal framework pyramid tower 4	Neon □. F R light on water tower 11.8M N
<b>4400.1</b>	- - Rear. 0.59 M from front			<i>By day</i> FG	12	12	White metal framework pyramid tower 12	Neon □
<b>4402</b>	- No. 2 Reach. Ldg Lts 351°. Front	46 36.1 168 21.7		<i>By day</i> FR	6	4	White △ structure	Neon □
<b>4402.1</b>	- - - Rear. 200 m from front			FR	8	4	White △ structure	Neon □
<b>4404</b>	- Ldg Lts 133° 25'. Front. Inner Davey	46 36.34 168 21.87		QW	3	5	White structure on black dolphin	<i>fl 0.3</i>
<b>4404.1</b>	- - - Rear. 235 m from front. Outer Davey Beacon	46 36.43 168 22.00		Iso W 2s	6	5	White structure on black dolphin	
<b>4405</b>	- No. 3 Reach. Ldg Lts 313° 25'. Front	46 35.5 168 20.6		Iso G 2s	7	5	White tower on pile beacon	<i>fl 0.5</i>
<b>4405.1</b>	- - - Rear. 335 m from front			FIW 1.5s	12	5	White tower on metal structure	<i>fl 0.5.</i> Vis 043.5°-223.5° (180°)
<b>4406</b>	- No. 1	46 36.18 168 21.70		FI.G 3s	3	2	Green beacon	<i>fl 0.5</i>
<b>4407</b>	- Channel Rocks Beacon	46 36.2 168 21.5		FI R 2s	7	3	Red pile beacon	<i>fl 0.7</i>
<b>4408</b>	- No. 2	46 36.0 168 21.5		Q(2)G 3s	5	2	Green pile beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7</i>
<b>4410</b>	- Argyle Beacon	46 36.03 168 21.32		Q(2)R 5s	5	3	Red □ on red pile beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 3.7</i>
<b>4411</b>	- Tidal Beacon	46 36.0 168 21.2		QR	6	2	Red pile beacon	<i>fl 0.3</i>

**SOUTH ISLAND**

Int. No (1)	Location – Name (2)	Lat Long (3)	S E (4)	Characteristics (5)	Elevation metres (6)	Range miles (7)	Structure Height in metres (8)	Remarks (9)
4413	- No. 3	46 35.86 168 21.20		F(3)G 6s	6	3	Green pile beacon	(fl 0.5, ec 1) x 2, fl 0.5, ec 2.5
4415	- No. 4	46 35.8 168 21.2		QG	3	2	Green pile beacon	fl 0.3
4424	- Ldg Lts 279° 01'. Front	46 35.52 168 19.95		FG			White ▽	Neon □
4424.1	- - Rear. 21 m from front	46 35.52 168 19.94		FG			White ▽	Neon □
<b>RIVERTON/APARIMA</b>								
4432	- Howells Point/Taramea	46 23.05 168 01.83		FWR 5s	28	W9 R6	White column 4	fl 1. W shore–298°, R 298°–317° (19°), W 317°–009.5° (52.5°), R 009.5°–shore
4433	Jacobs River Estuary No. 1 Reach - Ldg Lts 307° 12'. Front	46 21.4 168 01.5		FG	5	2	White △ on beacon 3	Neon □
4433.1	- - - Rear. 46 m from front			FR	5	2	White ▽ on beacon 3	Neon □
4434	- No. 2 Reach - Ldg Lts 249° 26'. Front	46 21.7 168 01.3		FR	3	2	White △ on beacon 3	Neon □
4434.1	- - - Rear. 19 m from front			FG	3	2	Red ▽ on beacon 3	Neon □
4435	The Pearl	46 21.6 168 01.1		QR	3	2	Grey beacon 3	
<b>FOVEAUX STRAIT</b>								
4438	<b>Centre Island.</b> S end (M)	46 27.60 167 50.67		FWR 15s	81	<b>W19</b> <b>R15</b>	White wooden tower 12	fl 0.1, ec 14.9. R 191°–299° (108°), W 299°–114° (175°), R 114°–141° (27°) Reserve light range W 10 M R 7 M
4440	Long Point (M)	46 15.6 167 06.5		F(4) W 15s	23	9	Aluminium tower 4	(fl 1, ec 1) x 3, fl 1, ec 8
4442	<b>Puysegur Point</b> (M)	46 09.5 166 36.6		FIW 12s	45	<b>19</b>	White metal tower 5	fl 0.1. Reserve light Range 10 M
4444	Cape Providence (M)	46 00.0 166 27.0		FIW 5s	60	9	White fibreglass tower 4	fl 1
<b>FIORDLAND</b>								
4446	Five Fingers Point (M)	45 43.8 166 27.6		F(3)W 20s	166	9	Metal framework tower 9	(fl 1, ec 1) x 2, fl 1, ec 15
4452	Secretary Island - SW Point (M)	45 13.6 166 52.4		F(2)W 15s	52	9	Aluminium pedestal 2	fl 1, ec 2, fl 1, ec 11. Vis 007°–207° (200°)
<b>MILFORD SOUND</b>								
4464	- Saint Anne Point (M)	44 34.4 167 46.9		FIW 5s	27	8	White tower 6	fl 1. Vis 071°–316° (245°)
4464.5	- Harrison Cove. Underwater Observatory	44 37.7 167 54.3		QR				
4464.7	- Deep Water Basin. No. 2 (M)	44 40.2 167 54.7		FIR 4 s	3	1	Red □ on pile beacon	fl 0.5
4465	- Deep Water Basin (M)	44 40.9 167 55.2		Q(2)W 5s	2	5	Grey metal pile 3	fl 0.3, ec 0.7, fl 0.3, ec 3.7
4465.5	- Fresh Water Basin. Breakwater Head	44 40.9 167 55.8		2 FG(vert)	5	1	White metal post 3	1m apart
<b>JACKSON'S BAY</b>								
4466	Jackson Head (M)	43 57.7 168 37.3		Q(2)W 15s	155	9	White metal tower 4	fl 0.5, ec 0.5, fl 0.5, ec 13.5 Obscured from westward; from shore to 091°
4468	Heretaniwha Point (M)	43 35.3 169 33.2		Q(3)W 10s	77	9	White fibreglass tower	(fl 0.5, ec 0.5) x 2, fl 0.5, ec 7.5

**SOUTH ISLAND**

Int. No (1)	Location – Name (2)	Lat Long (3)	S E (3)	Characteristics (4)	Elevation metres (5)	Range miles (6)	Structure Height in metres (7)	Remarks (8)
<b>GREYMOUTH HARBOUR</b>								
4470	- S breakwater. 47 m from head	42 26.40 171 11.43		LFIW 10s	17	9	White wooden pole	<i>fl</i> 3.5. Vis 016°–196° (180°), F R lights on radio mast 20 M SSW.
4472	- - 32 m from head	42 26.41 171 11.40		FG	11	3	White concrete column	
4473	- N breakwater. Head	42 26.4 171 11.5		FR	11	3	White concrete column	
4475	- Main Ldg Lts 128° 06'. Richmond Quay. Front	42 26.9 171 12.1		FRGR	14		Orange $\Delta$ on tower, black diamond on each side 14	Neon $\square$ F R Neon $\square$ on each side, (in line with rear light indicates limits of channel.) Channel liable to change
4475.1	- - Rear. 160 m from front	42 26.9 171 12.2		FG	19		White $\Delta$ on beacon 19	Neon $\square$ conspicuous from SW.
4476	- Tidal Wall. 27 m from head	42 26.6 171 11.7		QR	5	3	Metal pile 3	
4478	- Main Wharf. Head	42 26.8 171 12.0		F(2 + 1)G 6s	5	1	Green wooden pile, red band 2	<i>fl</i> 0.3, <i>ec</i> 0.4, <i>fl</i> 0.3, <i>ec</i> 1.2, <i>fl</i> 0.3, <i>ec</i> 3.5
4486	Cape Foulwind (M)	41 45.1 171 28.0		FW 12s	70	9	White concrete tower 9	<i>fl</i> 1.2
<b>WESTPORT AND BULLER RIVER</b>								
4490	- W breakwater	41 43.8 171 35.2		FW 5s	20	8	White square tower, with red band	<i>fl</i> 1
4491	- W breakwater head	41 43.7 171 35.2		FIG 2s	9	5	White round tower with green band 5	<i>fl</i> 0.5
4492	- E breakwater head	41 43.6 171 35.3		FIR 2s	9	5	White round tower with red band at top 5	<i>fl</i> 0.5
4494	- Outer Ldg Lts 165° 35'. Front	41 44.2 171 35.5		FG	10		Red X on steel column with yellow fluorescent reflective panels 6	Neon $\square$ . Channel liable to change
4494.1	- - Rear. 360 m from front	41 44.4 171 35.5		FG	15		Red $\diamond$ on $\square$ frame red and white vertical bands, orange fluorescent reflective $\square$ panels 11	Neon $\square$
4496	- Inner Ldg Lts 169° 42'. Front	41 44.8 171 35.6		QR	4		Beacon, red and white horizontal bands	
4496.1	- - Rear. 213 m from front	41 45.0 171 35.6		LFIR 5s	7		Beacon, red and white horizontal bands 2	<i>fl</i> 2
4496.5	- E limit transit beacon	41 44.2 171 35.5		FR	11		Pole with black and white bands	Neon $\square$
4496.6	- Broad E pole	41 44.2 171 35.5		FBu	11		Pole with black and white bands	Neon $\square$
4497	- Horse Box	41 44.3 171 35.4		Q(3)G 5s	6		Tripod with black and white metal tower 6	<i>fl</i> 0.5
4498	- Turning Mark	41 44.5 171 35.5		Iso R 1.5s	3	2	Red metal framework tower	
4499	- Crane Wharf Hd	41 44.7 171 35.7		2FR(ver)	5	1		Vis 105°–160° (55°)
4506	Kahurangi Point (M)	40 46.7 172 13.2		F(2)W 15s	46	9	White metal tower 18	<i>fl</i> 1, <i>ec</i> 2, <i>fl</i> 1, <i>ec</i> 11.