

# **NZ LIST OF LIGHTS**

**(including accompanying notes)**

## **NORTH ISLAND**

(updated to NTM Edition 25, 9 December 2022)

### **Disclaimer**

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## ABBREVIATIONS USED IN NEW ZEALAND LIST OF LIGHTS

AHP.....	Above head of passes (in miles)	NNE.....	North Northeast
AIS .....	Automatic Identification System Station	NNW.....	North Northwest
Al.....	Alternating	NW.....	Northwest
bl.....	Blast	Oc.....	Occulting
Bu.....	Blue	Oc(. .).....	Group occulting
CALM.....	Catenary Anchor Leg Mooring	Occas.....	Occasional
Dia.....	Diaphone	<b>(P)</b> .....	Preliminary
Dir Lt.....	Direction Light	PA.....	Position approximate
E.....	East	PEL.....	Port Entry Light
ec.....	Eclipse (phase)	Q.....	Quick flashing
ED.....	Existence Doubtful	R.....	Red
ENE.....	East Northeast	Ra refl.....	Radar reflector
ESE.....	East Southeast	Racon.....	Radar responder beacon
Explos.....	Explosive fog signal	RC.....	Circular radio beacon
F.....	Fixed	Ramark.....	Radar beacon
FFl.....	Fixed and flashing	Ro Bn.....	Radio beacon
FFI(. .).....	Fixed and group flashing	Rot.....	Rotating
Fl.....	Flashing	RTE.....	Radar Target Enhancer
Fl(. .).....	Group flashing	S.....	South
fl.....	Flash (phase)	s.....	Seconds
FPSO.....	Floating Production Storage and Offloading facility	SAR.....	Search and Rescue
FSO.....	Floating Storage and Offloading facility	SBM.....	Single Buoy Mooring
FSU.....	Floating Storage Unit	SE.....	Southeast
G .....	Green	si .....	Silence
GRP.....	Glass Reinforced Plastic	Sig Stn.....	Signal Station
HFPB.....	High Focal Plane Buoy	SPM.....	Single Point Mooring
(hor).....	Horizontal	SSE.....	South Southeast
I.....	Interrupted	SSW.....	South Southwest
Intens.....	Intensified sector	SV.....	Sodium vapour discharge lamp orange in colour
Irreg.....	Irregular	SW.....	Southwest
Iso.....	Isophase	<b>(T)</b> .....	Temporary
Lanby.....	Large Automatic Navigational Buoy	TALM.....	Taut Anchor Leg Mooring
Lat.....	Latitude	<b>TD</b> .....	Fog signal temporarily discontinued
Ldg Lts.....	Leading Lights	<b>TE</b> .....	Light temporarily extinguished
LED.....	Light Emitting Diode	<b>TR</b> .....	Racon temporarily discontinued
LFl.....	Long flash	Unintens.....	Unintensified sector
Lit.....	Light (no details known)	UQ.....	Ultra quick flashing
Long.....	Longitude	(var).....	Varying
LPG.....	Liquid Petroleum Gas	(vert).....	Vertical
lt.....	Light (phase)	Vi.....	Violet
Lt F .....	Light-float	Vis.....	Visible
Lts in line.....	Lights in line	VQ.....	Very quick flashing
(M).....	Light owned by Maritime New Zealand	W.....	West
M.....	Sea miles	W.....	White
m.....	metres	Whis.....	Whistle
min.....	Minutes	WNW.....	West Northwest
Mo.....	Morse code light or fog signal	WSW.....	West Southwest
MV.....	Mercury vapour discharge lamp greenish-white in colour	Y.....	Yellow, amber or orange
N.....	North		
NE.....	Northeast		

## LAYOUT OF COLUMN HEADINGS IN NEW ZEALAND LIST OF LIGHTS

- Column 1: Contains the number of each light.
- Column 2: Location, name.  
The names of lights having a range of 15 miles and over are printed in **bold** type.  
Names of lights owned by Maritime New Zealand are annotated(M).
- Column 3: Latitude and longitude are given to two decimal places of a minute.
- Column 4: Characteristics.
- Column 5: Elevation in metres.
- Column 6: Range in sea miles, in bold type if 15 miles or more.
- Column 7: Description of structure and its height in metres.
- Column 8: Remarks, including phase, sectors and arcs of visibility.

Refer to <http://www.linz.govt.nz> to obtain a full extract from the NZ Nautical Almanac for  
**General Information relating to the NZ List of Lights**

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3686	Cape Maria van Diemen (M)	34 28.60 172 38.70		FI(3)W 20s	91	9	White fibreglass tower 3	<i>fl 1, ec 1</i> x 2, <i>fl 1, ec 15</i> W (Obscured) 141°- 145° (4°) W 145°-206° (61°) W 314°-141° (187°)
3688	Cape Reinga / Te Rerenga Wairua (M)	34 25.60 172 40.65		FI W 12s	165	19	White concrete tower 10	<i>fl 0.1, ec 11.9</i> W (Obscured) 011°- 013° (2°) W 013°-263° (250°) W (Obscured) 263°- 285° (22°) W (Obscured) 326°- 356° (30°) W 356°-011° (15°)
	Reserve light					10		
3690	North Cape (Otou) Murimotu Island. Summit (M)	34 24.89 173 03.03		FI W 8s	99	18	White concrete tower 4	<i>fl 0.1, ec 7.9</i> W (Obscured) 080°- 135° (55°) Obscured from shore to 135° W 135°-080° (305°)
PARENGARENGA HARBOUR								
3690.4	Parengarenga Harbour	34 31.25 172 58.12		FI(2)W 5s	47	6	White tower 5	<i>fl 0.3, ec 1, fl 0.3, ec 3.4</i> Square tower
HOUHORA HARBOUR								
3690.6	Ruakōura / Perpendicular Point	34 49.50 173 10.05		FI W 4s	97	6	White metal pole	<i>fl 0.3, ec 3.7</i>
3690.7	HH2	34 49.54 173 09.38		Q R	5	1	Red □ Red metal pole	
3690.76	HH1	34 49.33 173 08.55		Q G	3	1	Green △ Green wooden pole	
3690.77	HH3	34 49.38 173 08.45		Q G	3	1	Green △ Green wooden pole	
3690.8	HH4	34 49.47 173 08.22		Q R	3	2	Red □ Red wooden pole	
3690.85	HH6	34 49.19 173 07.56		Q R	3	2	Red □ Red wooden pole	
3690.89	HH5	34 48.95 173 07.28		Q G	3	2	Green △ Green wooden pole	
3690.9	Pukenui Wharf. Head SE corner	34 48.85 173 07.16		2 F R(vert)	5			Lamp post
RANGAUNU HARBOUR								
3691	Wairakia Point	34 54.08 173 18.09		FI R 2.5s	3	2	Red □ Red metal pile beacon 3	<i>fl 0.3, ec 2.2</i>
3691.2	Omere, Janus or Toby Rock	34 52.80 173 16.93		FI(2)R 6s	5	5	Red □ Red metal pile beacon 5	<i>fl 0.3, ec 0.9, fl 0.3, ec 4.5</i>
3691.3	Otiaia Point	34 53.34 173 16.89		Q G	9	2	Green △ Green metal pile beacon	
3691.35	Scheigis Rock	34 53.42 173 17.67		FI R 3s	1	2	Red □ Red concrete pile beacon 1	<i>fl 0.3, ec 2.7</i>
AWANUI CHANNEL								
3691.4	Tohunga	34 55.46 173 17.44		Q G	3	2	Green △ Green wooden pile beacon	
3691.45	AC2	34 56.26 173 16.98		FI R 3s		2	Red □ Red wooden pile beacon	<i>fl 0.3, ec 2.7</i>
3691.5	Mangatete	34 57.01 173 16.28		FI G 2s	3	2	Green △ Green wooden pile beacon 2	<i>fl 0.3, ec 1.7</i>
3691.52	AC4	34 57.42 173 15.64		FI R 3s		2	Red □ Red wooden pile beacon 3	<i>fl 0.3, ec 2.7</i>
3691.54	Rat Island	34 57.57 173 15.34		Q G	2	2	Green △ Green wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3691.55	Home Creek	34 57.90 173 15.23					Green △ Green wooden pile beacon 3	
3691.56	Mangrove Island	34 58.44 173 15.14		Q G	3	2	Green △ Green wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3691.58	Junction Reach	34 58.89 173 14.60		Q R	2	2	Red □ Red pile beacon 2	<i>fl 0.3, ec 0.7</i> 2 piles

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3691.59	J4	34 58.99 173 14.65	Q R		2	2	Red □ Red pile beacon 2	<i>fl 0.3, ec 0.7</i>
3691.595	J6	34 59.35 173 14.96	Q R			2	Red □ Red wooden pile beacon 3	<i>fl 0.3, ec 0.7</i>
3691.598	Prices	34 59.33 173 15.29	Q G			2	Green △ Green wooden pile beacon 3	<i>fl 0.3, ec 0.7</i>
3691.6	J16	34 59.37 173 15.42	Q R		2	2	Red □ Red pile beacon 2	<i>fl 0.3, ec 0.7</i>
3691.7	J18	34 59.57 173 15.41	Q R		2	2	Red □ Red pile beacon 2	<i>fl 0.3, ec 0.7</i>
3691.8	J20	34 59.75 173 15.33	Q R		2	2	Red □ Red pile beacon 2	<i>fl 0.3, ec 0.7</i>
3691.9	A1	34 59.99 173 15.09	Q G		2	2	Green △ Green pile beacon 2	<i>fl 0.3, ec 0.7</i>
3691.95	A5	35 00.08 173 15.10	Q G		2	2	Green △ Green pile beacon 2	<i>fl 0.3, ec 0.7</i>
3692	Awanui River Unahi Head	35 00.21 173 15.27	2 F G(hor)				Pole	On each end of wharf
3694	Cape Karikari (Whakapouaka) (M)	34 46.99 173 23.84	FI(3)W 15s		59	10	White tower 3	<i>(fl 0.5, ec 1.5) x 2, fl 0.5, ec 10.5</i>
3695	Taipa River Entrance	34 59.51 173 28.20	FI R 2.5s		2	3	Red □ Red metal pole	<i>fl 0.3, ec 2.2</i>
<b>PORT MANGŌNUI</b>								
3696.5	Cole Point	34 58.90 173 31.66	Q G		3	5	Green △ Green metal pole 3	
3697	Port Mangōnui Wharf	34 59.30 173 32.13	2 F G(vert)					Shed
3697.5	Albert Reef	34 55.21 173 31.11	VQ(3)W 5s		4	2	Black ◊ Black, yellow and black horizontal stripes, pile beacon 4	
<b>WHANGAROA HARBOUR</b>								
3698	South Head	35 00.33 173 46.14	FI(2)WR 6s		105	W6 R4	White metal column	<i>fl 1, ec 1, fl 1, ec 3 W 121°-232° (111°) R 232°-282° (50°)</i>
3698.1	Kingfish Point	35 00.67 173 45.31	FI W 2s		13	5	White pole 6	<i>fl 0.3, ec 1.7</i>
3698.12	Shark Island	35 00.83 173 45.20	FI R 2.5s		3	2	Red □ Red metal pile beacon 3	
3698.14	East Pekapeka	35 00.48 173 44.85	FI(2)W 5s		2	2	Black ● Black, red and black horizontal stripes, metal pile beacon 2	pillar
3698.15	North Pekapeka	35 00.43 173 44.70	FI(2)W 5s		2	2	Black ● Black, red and black horizontal stripes, metal pile beacon 2	pillar
3698.18	West Pekapeka	35 00.61 173 44.26	FI(2)W 5s		2	2	Black ● Black, red and black horizontal stripes, metal pile beacon 2	pillar
3698.2	Clansman Wharf	35 02.68 173 44.67	2 F R(vert)				Metal pole	steel

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>CAVALLI ISLANDS</b>								
<b>3699</b>	Nukutaunga Island (M)	34 58.59 173 57.91		FI W 10s	111	7	White metal tower 4	<i>fl 1, ec 9</i>
<b>BAY OF ISLANDS HARBOUR</b>								
<b>3700</b>	Fraser Rock	35 14.48 174 06.99		FI WR 4s	13	W9 R8	Grey metal tower 3	<i>fl 0.7, ec 3.3</i> R 229°-238.9° (9.9°) W 238.9°-312.8° (73.9°) W 352.9°-229° (236.1°)
<b>3700.5</b>	The Brothers	35 11.86 174 03.90		Q(2)W 5s	5	5	Black <span style="display: inline-block; width: 1em; height: 1em; background-color: black; vertical-align: middle;"></span> Black, red and black horizontal stripes, pile beacon 5	<i>fl 0.3, ec 0.7, fl 0.3, ec 3.7</i>
<b>3700.55</b>	Motupapa (Cocked Hat) Island	35 11.88 174 02.99		Q R	3	2	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red metal pile beacon	
<b>3700.6</b>	Kerikeri Inlet. No 1S	35 11.83 174 00.56		Q G	3	2	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green metal pile beacon 3	
<b>3700.601</b>	KK2	35 11.89 174 00.17		FI R 2s	2	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red metal pole 2	<i>fl 0.3, ec 1.7</i>
<b>3700.6015</b>	KK3	35 11.83 174 00.38		FI G 2s	3	1	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.602</b>	KK4	35 11.86 173 59.92		FI R 2s	2	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red metal pole 2	<i>fl 0.3, ec 1.7</i>
<b>3700.603</b>	KK5	35 11.85 174 00.25		FI G 2s	3	1	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.604</b>	KK6	35 11.87 173 59.88		FI R 2s	2	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red metal pole 2	<i>fl 0.3, ec 1.7</i>
<b>3700.605</b>	KK7	35 12.01 173 59.63		FI G 2s	3	1	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.606</b>	KK8	35 11.97 173 59.70		FI R 2s	2	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red metal pole 2	<i>fl 0.3, ec 1.7</i>
<b>3700.607</b>	KK9	35 12.21 173 59.52		FI G 2s	3	1	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.61</b>	No. 10	35 12.05 173 59.62		Q R	3	2	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red wooden pile beacon	
<b>3700.615</b>	KK12	35 12.21 173 59.54		FI R 2s	2	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red wooden pile beacon 2	<i>fl 0.3, ec 1.7</i>
<b>3700.62</b>	No. 13	35 12.35 173 59.39		Q G	3	2	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon	
<b>3700.624</b>	KK17	35 12.44 173 59.12		FI G 2s	2	1	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green wooden pile beacon 2	<i>fl 0.3, ec 1.7</i>
<b>3700.625</b>	KK19	35 12.50 173 58.84		FI G 2s	3	2	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.626</b>	KK14	35 12.56 173 58.62		FI R 2s	3	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red wooden pile beacon 3	<i>fl 0.3, ec 1.7</i>
<b>3700.628</b>	KK Junction	35 12.52 173 58.61		F(2+1)G 6s	3	2	Green <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid green; vertical-align: middle;"></span> Green, red and green horizontal stripes, wooden pile beacon 3	<i>fl 0.3, ec 0.4, fl 0.3, ec 1.2, fl 0.3, ec 3.5</i>
<b>3700.65</b>	DB2	35 11.75 174 02.08		Q R	3	1	Red <span style="display: inline-block; width: 1em; height: 1em; border: 1px solid red; vertical-align: middle;"></span> Red wooden pile beacon	
<b>3700.7</b>	Doves Bay Marina Breakwater head	35 11.66 174 02.04		2 F G(ver)			Beacon	

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Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3701	Entrance Dir Lt	35 16.28 174 05.00		Dir F WRG	9	15	White metal pile beacon	F G 211.2°-213° (1.8°) AI WG 213°-213.3° (0.3°) F W 213.3°-214.6° (1.3°) AI WR 214.6°-215.1° (0.5°) F R 215.1°-216.6° (1.5°) F W 213.3°-214.6° (1.3°)
	Dir Lt			<i>By day</i>		9		
3702	Russell Wharf. Head	35 15.72 174 07.21		2 F R(vert)	7	2	Grey metal pole	
3702.1	Hermione Rock	35 15.84 174 05.60		FI(3)G 10s	4	3	Green △ Green metal pile beacon	
							4	
3702.6	Micky Rock	35 16.16 174 05.63		Q R	3	2	Red □ Red metal pile beacon	<i>fl 0.3, ec 0.7</i>
							3	
3703	Ti Point. Waitangi River Entrance	35 16.39 174 05.01		Q G		2	Green △ Green metal pile beacon	
3703.11	WR1	35 16.38 174 04.96		FI G 2s	3	1	Green △ Green wooden pile beacon	<i>fl 0.3, ec 1.7</i>
							3	
3703.13	WR3	35 16.36 174 04.92		FI G 2s	3	1	Green △ Green wooden pile beacon	<i>fl 0.3, ec 1.7</i>
							3	
3703.2	Waitangi Jetty Head	35 16.33 174 04.89		2 F G(vert)			Metal pole	
3704	Taylor Island off N end	35 16.62 174 05.84		FI G 2.5s	3	5	Green △ Green metal pile beacon	<i>fl 0.3, ec 2.2</i>
							4	
3704.1	Pahia No. 5 Starboard Beacon	35 16.80 174 05.62		FI G 2s	2	1	Green △ Green wooden pile beacon	<i>fl 0.3, ec 1.7</i>
							2	
3704.2	Paihia Jetty Head	35 16.84 174 05.59		2 F G(vert)	3	3	Beacon	On building
3704.3	Nihinui Point, Starboard Beacon	35 16.66 174 05.47		FI G 2s	3	1	Green △ Green metal pile beacon	<i>fl 0.3, ec 1.7</i>
							3	
3704.4	Nihinui Point, Port Beacon	35 16.63 174 05.50		FI R 2s	3	1	Red □ Red metal pile beacon	<i>fl 0.3, ec 1.7</i>
							3	
3705.1	Veronica Channel Ldg Lts 172° 24'. Front	35 18.28 174 06.53		Q W	30	9	White metal tower	Framework
							18	
3705.2	Veronica Channel Leading Rear Light	35 18.54 174 06.58		F Bu	57	5	Metal pole	
							6	
				<i>By day Oc W 6s</i>				<i>ec 2, fl 4</i>
3705.4	No. 1	35 15.84 174 06.10		FI G 2s	7	5	Green △ Green metal pile beacon	<i>fl 0.3, ec 1.7</i>
							7	
3705.5	No. 2	35 15.82 174 06.18		FI R 2s	5	5	Red □ Red metal pile beacon	<i>fl 0.3, ec 1.7</i>
							5	
3705.6	No. 3	35 16.64 174 06.23		FI G 2.5s	5	5	Green △ Green metal pile beacon	<i>fl 0.3, ec 2.2</i>
3705.7	No. 4	35 16.65 174 06.31		FI R 2.5s	5	5	Red □ Red metal pile beacon	<i>fl 0.3, ec 2.2</i>
3706	No. 5	35 17.87 174 06.37		FI G 2.5s	4	3	Green △ Green metal pile beacon	<i>fl 0.3, ec 2.2</i>
3707	No. 6	35 18.18 174 06.85		Q R		2	Red □ Red metal pile beacon	
3707.4	Okiato Ferry Ramp	35 18.30 174 07.12		2 F R(vert)	3	2	Grey concrete pile beacon	
							3	
3707.8		35 18.70 174 07.92		Q R	4	2	Red □ Red wooden pile beacon	
							4	
	OPUA							
3708	Wharf, Head - NE corner	35 18.66 174 07.19		2 F G(vert)	6	1	Beacon	On shed

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3708.3	Opua N Cardinal	35 18.67 174 07.17		Q W	5	2	Black $\Delta$ Black and yellow horizontal stripes, metal pile beacon	
3708.4	Ferry Ramp	35 18.73 174 07.22		2 F R(vert)	3	2	White pile beacon 3	
3708.5	Marina, Outer Breakwater. N End	35 18.77 174 07.34		Q R	4	1	Grey pile beacon	
3708.6		35 18.83 174 07.36		Q R	4	1	Grey pile beacon	
3708.7		35 18.90 174 07.37		Q R	4	1	Grey pile beacon	
3708.8	S end	35 18.98 174 07.32		Q R	4	1	Grey pile beacon	
3708.9	Inner Breakwater E End	35 18.97 174 07.31		Q G	4	1	Grey pile beacon	
3708.93	Ashbys. N	35 19.08 174 07.16		2 F G(vert)	3	1	Metal pile beacon 3	
3708.95	Ashbys. S	35 19.13 174 07.14		2 F G(vert)	3	1	Metal pile beacon 3	
<b>EASTERN BAY OF ISLANDS</b>								
3709	<b>Cape Brett (M)</b>	35 10.51 174 19.96		Fl W 15s	146	17	White tower 4	<i>fl 0.1, ec 14.9</i> W (Obscured) 031°- 106° (75°) W 106°-173° (67°) W (Partially obscured) 173°-195° (22°) Obscured by Otuwanga Island decreasing out to 2M. W 195°-205° (10°) W (Obscured) 205°- 212.5° (7.5°) Obscured by Motukoku Island (Piercy Island) and over a greater arc when within 3M. W 212.5°-000.9° (148.4°) The old lighthouse (14m) is situated close SW of the new light tower.
3709.5	Hat Island	35 13.03 174 15.15		Q G	4	2	Green $\Delta$ Green metal pole 2	
3710	Urupukapuka Island - Otehei Bay	35 13.45 174 13.56		VQ(9)W 10s	3	2	Black $\times$ Yellow, black and yellow horizontal stripes, concrete pile beacon 3	
3710.05	Pakatahi Island	35 13.90 174 12.06		Q G	2	2	Green $\Delta$ Green wooden pole 2	
3710.1	Paramena Reef	35 14.20 174 13.11		Q(2)W 5s	5	2	Black $\bullet$ Black, red and black horizontal stripes, beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 3.7</i>
3710.2	Okuia Point. Shag Rock	35 14.33 174 14.20		Q(9)W 15s	5	2	Black $\times$ Yellow, black and yellow horizontal stripes, concrete pile beacon 4	
<b>WHANGARURU HARBOUR</b>								
3710.3	Motukauri Island	35 21.39 174 20.26		Q G	4	2	Green $\Delta$ Green metal pile beacon	
3710.4	Hongaio Rock	35 21.43 174 21.00		Q G	4	3	Green $\Delta$ Green metal pile beacon	
3710.5	Orapa Rock	35 21.72 174 20.55		Q R	4	3	Red $\square$ Red pile beacon	
3710.7	Black Rocks	35 22.72 174 21.49		Q G	4	3	Green $\Delta$ Green metal pile beacon	On steel pile
3711	<b>Poor Knights Island. N Island (M)</b>	35 26.90 174 44.27		Fl W 5s	158	17	White metal tower 4	<i>fl 0.1, ec 4.9</i> W 039°-317° (278°) W (Obscured) 317°- 039° (82°)



## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>TUTUKAKA HARBOUR</b>								
<b>3712</b>	Tutukaka Head (South Gable). N point of harbour entrance. (M)	35 36.69 174 32.75		FI W 10s	92	14	White metal tower 4	<i>fl 0.5, ec 9.5</i> W (Obscured) 006°- 166° (160°) W 166°-006° (200°)
<b>3712.1</b>	Ldg Lts 270° 07'. Front	35 36.89 174 31.98		FI R 3s	3	5	Red metal pile beacon 2	
<b>3712.11</b>	Ldg Lts Rear	35 36.89 174 31.87		FI W 1.5s	7	5	White metal pile beacon 1	
<b>3712.12</b>	T1	35 36.81 174 31.90		Q G		1	Green $\triangle$ Green wooden pole 3	
<b>3712.125</b>	T2	35 36.82 174 31.89		Q R	3	1	Red $\square$ Red wooden pole 3	
<b>3712.13</b>	T4	35 36.78 174 31.81		Q R		1	Red $\square$ Red metal pile beacon 3	
<b>3712.135</b>	T3	35 36.75 174 31.81		Q G	3	1	Green $\triangle$ Green wooden pole 3	
<b>3712.14</b>	T5	35 36.73 174 31.75		Q G		1	Green $\triangle$ Green metal pile beacon 3	
<b>3712.145</b>	T6	35 36.75 174 31.74		Q R	3	1	Red $\square$ Red wooden pole 3	
<b>3713</b>	Bream Head (M)	35 50.66 174 34.87		FI(3)W 20s	172	10	White metal tower 4	<i>(fl 1, ec 1) x 2, fl 1, ec 15</i> W (Obscured) 138°- 170° (32°) W 170°-320° (150°) W (Obscured) 320°- 323° (3°) W 323°-326.5° (3.5°) W (Obscured) 326.5°- 050° (83.5°)
<b>3713.5</b>	Wareware Island	35 52.96 174 41.70		FI(2)W 10s	42	6	Green and white metal	<i>fl 1, ec 1.5, fl 1, ec 6.5</i> W 011°-272° (261°) W (Obscured) 272°- 011° (99°) Framework structure
<b>HEN AND CHICKENS ISLANDS</b>								
<b>3714</b>	Coppermine Island. E end (M)	35 53.18 174 46.84		FI W 5s	145	9	White metal tower 3	<i>fl 1, ec 4</i> Obscured on certain bearings by Hen and Chickens Group. Owing to its elevation the light is liable to be obscured by fog and mist.
<b>3715</b>	Taranga Island. W side (M)	35 57.53 174 41.87		FI W 10s	119	9	White $\square$ Metal tower 3	<i>fl 1, ec 9</i> W (Obscured) 184°- 209° (25°) W 209°-227.5° (18.5°) W (Obscured) 227.5°- 324° (96.5°) W 324°-184° (220°) Column tower.
<b>WHANGĀREI HARBOUR</b>								
<b>3716</b>	Marsden Point Dir Lt 320° 35'.	35 50.34 174 29.97		Dir AI WRG	21	10	Orange $\nabla$ Metal tower	G 314.4°-319.4° (5°) AI WG 319.4°-320.1° (0.7°) W 320.1°-321.1° (1°) AI WR 321.1°-321.8° (0.7°) R 321.8°-326.8° (5°) Framework. R lights on chimney 540m WSW. Conspicuous flare on chimney 0.6M SW. G 318.9°-319.4° (0.5°) R 321.8°-322.3° (0.5°)
	Dir Lt			<i>By day</i>		W7 R5 G5		
<b>3716.4</b>	Refinery Wharf. T-head. SE End	35 50.22 174 30.05		2 F R(vert)	23	4	Metal tower	Aluminium framework
<b>3716.42</b>	Refinery Wharf. T-head. NW end	35 50.13 174 29.87		2 F R(vert)	23	4	Metal tower	Aluminium framework
<b>3716.6</b>	Harbour Board Wharf. Head. E end	35 50.08 174 29.44		2 F R(vert)	2	4	Beacon	Wharf whaling

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3716.62	Harbour Board Wharf. Head. W end	35 50.06 174 29.35		2 F R(vert)	2	4	Beacon	Wharf whaling
3716.625	Northport Wharf. E end	35 50.00 174 29.37		3 F R(vert)	3	4	Beacon	
3716.63	Northport Wharf. W end	35 49.90 174 29.01		3 F R(vert)	3	4	Beacon	
3716.64	Marsden Cove Marina. Port 5	35 49.86 174 28.48		FI R 2s	1	1	Red □ Red pole	
3716.641	Starboard 5	35 49.86 174 28.44		FI G 2s	1	1	Green △ Green pole	
3716.642	Port 1	35 50.03 174 28.26		FI R 2s	1	1	Red □ Red pole	
3716.643	Starboard 1	35 50.01 174 28.23		FI G 2s	1	1	Green △ Green pole	
3716.65	Snake Bank	35 49.69 174 29.09		FI G 4s	5	3	Green △ Green pile beacon 6	
3716.66	Marsden Bay Beacon No 1	35 49.77 174 28.92		FI(2+1)R 6s	5	2	Red □ Red, green and red horizontal stripes, pile beacon 6	Ra refl
3716.67		35 49.76 174 28.73		Q Y	5	5	Yellow X Yellow pile beacon	Ra refl
3716.699	Sinclair Point. Ldg Lts 287°. Front	35 49.76 174 28.81		FI W 2.5s	5	5	Yellow and white stripes (direction unknown), pile beacon	
3716.7	Sinclair Point Rear Leading Light. Rear	35 49.54 174 27.92		F R	8	6	Orange □ Yellow pile beacon 4	R 200°-340° (140°)
3716.8	Passage Islet	35 49.82 174 29.81		FI W 3s	6	5	White concrete tower 2	<i>fl 0.3, ec 2.7</i> W 278°-133° (215°)
SHELL CUT REACH								
3717.4	Shell Cut Reach East Ldg Lts 115° 21'. Front	35 49.16 174 28.32		F G	5	6	Concrete pile beacon	G 035°-195° (160°)
3717.41	Lort Point. Rear	35 49.85 174 30.15		F R	18	6	Metal tower	R 035°-195° (160°) R (Obscured) 218°- 035° (177°)
3717.43	Lort Point	35 49.85 174 30.29		FI(2)W 5s	1	1	Black ● Black, red and black horizontal stripes, pile beacon 2	<i>fl 0.2, ec 1.2, fl 0.2, ec 3.4</i>
3717.45	Passage Island	35 49.73 174 29.78		FI(2)W 5s	2	1	Black ● Black, red and black horizontal stripes, pile beacon 2	<i>fl 0.2, ec 1.2, fl 0.2, ec 3.4</i>
3717.47	Taurikura	35 49.75 174 31.30		FI(2)W 5s	2	1	Black ● Black, red and black horizontal stripes, pile beacon 2	<i>fl 0.2, ec 1.2, fl 0.2, ec 3.4</i>
3717.5	Shell Cut Reach West Ldg Lts 295° 21'. Front	35 47.49 174 24.00		F R	5	6	Concrete pile beacon	
3717.51	Shell Cut Reach West Rear	35 46.90 174 22.50		F G	19	9	Metal pile beacon	Neon □ Tower on pile
SHOAL BAY								
3718.751	Shoal Bay S Cardinal	35 48.98 174 29.56		Q(6) + LFI W 15s	4	1	Black ∇ Yellow and black horizontal stripes, wooden pile beacon	
3718.755	Shoal Bay W Cardinal	35 47.91 174 28.18		Q(9)W 15s	4	1	Black ∇ Yellow, black and yellow horizontal stripes, wooden pile beacon	

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3718.757	Shoal Bay E Cardinal	35 47.96 174 27.09		Q(3)W 10s	4	1	Black $\diamond$ Black, yellow and black horizontal stripes, wooden pile beacon	
3718.759	Whangārei Heads	35 49.00 174 29.85		Fl G 5s	4	1	Beacon	G (Obscured) 013°- 066° (53°) G 066°-246° (180°) G (Obscured) 246°- 318° (72°)
PARUA BAY								
3718.76	Reserve Point	35 47.57 174 27.40		Q G	3	1	Green pile beacon	
3718.77	The Nook	35 47.31 174 27.71		Q R	3	2	Red $\square$ Red pile beacon 3	
3718.78	Martin Point	35 47.00 174 27.49		Q R	3	2	Red $\square$ Red pile beacon 3	
3718.79	Breakwater	35 46.49 174 27.07		Q R	2	1	Red beacon	
TAMATERAU BEACH								
3718.8	Tamaterau	35 47.83 174 24.99		Fl(3)G 10s	5	4	Green $\triangle$ Green pile beacon	
3718.9	One Tree Point. Ldg Lts 131° 21'. Front	35 48.63 174 26.03		F R	6	6	Pile beacon	R 050°-210° (160°)
3718.91	One Tree Point Leading Rear Light	35 49.32 174 26.99		F G	18	9	Metal tower	G 050°-210° (160°) Neon $\square$
3719	Stevens Point Dir Lt 311° 21'.	35 46.46 174 23.02		Dir F WRG	13	W13 R12 G12	Orange $\square$ Orange metal tower 13	F G 309.6°-311.1° (1.5°) F W 311.1°-311.6° (0.5°) F R 311.6°-313.1° (1.5°) Framework
3719.2	No.T1	35 47.53 174 24.57		Q G	5	1	Green $\triangle$ Green pile beacon	
3719.4	T6	35 47.30 174 24.14		Fl R 2.5s	5	3	Red $\square$ Red pile beacon	<i>fl 0.3, ec 2.2</i>
3719.8	No.T5	35 46.95 174 23.76		Fl G 3s	5	3	Green $\triangle$ Green pile beacon	
WELLINGTON REACH								
3720	Ross	35 46.73 174 23.28		Fl(2)R 6s	6	5	Red $\square$ Red pile beacon	
3720.4	No.W2	35 46.55 174 22.77		Q R	5	4	Red $\square$ Red pile beacon	
3720.6	No.W3	35 46.47 174 22.64		Q G	5	1	Green $\triangle$ Green pile beacon	
3720.7	No.W5	35 46.50 174 22.44		Fl G 3s	5	4	Green $\triangle$ Green pile beacon	
3720.8	Wellington Rock	35 46.59 174 22.41		Iso R 2s	5	4	Red $\square$ Red pile beacon 5	
CHANNEL TO PORTLAND								
3721	Portland Entrance. Ldg Lts 209° 55'. Front	35 47.27 174 21.78		Fl R 2.5s	5	2	Red concrete pile beacon	<i>fl 0.3, ec 2.2</i>
3721.01	Portland Entrance. Rear	35 47.39 174 21.69		Q W	7	2	Red concrete pile beacon	W 205°-220° (15°)
3721.1	P2	35 46.84 174 22.13		Q R	3	2	Red $\square$ Red pile beacon	
3721.15	Limestone Island	35 46.95 174 21.97		Q G 1.2s	4	2	Green $\triangle$ Green pile beacon 4	
3721.2	Limestone Island. SE side. P1	35 47.18 174 21.76		Fl G 5s	4	3	Green metal pile beacon 3	Disused wharf. Column on square base.
3721.3	P3	35 47.44 174 21.24		Q G		2	Green $\triangle$ Green concrete pile beacon	
3721.4	SE Side. P4	35 47.32 174 21.64		Q R	3	2	Red $\square$ Red pile beacon	
3721.6	P6	35 47.48 174 21.28		Q R	5	2	Red $\square$ Red pile beacon	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
PORTLAND								
3722	Ldg Lts 240°. Front	35 48.06 174 19.99	Q R		17	3	White wooden pole 3	<i>fl 0.4, ec 0.6</i> R 150°-330° (180°) R (Obscured) 330°- 150° (180°)
3722.1	Ldg Lts 240°. Rear	35 48.13 174 19.83	F G		41	2	Wooden pole	G 150°-330° (180°) On demand G (Obscured) 330°- 150° (180°) On demand Occas
3722.2	Portland Bulk Cement Wharf, NW side. P5	35 47.81 174 20.97	Q G		5	1	Green △ Green pile beacon	
3722.3	Portland Bulk Cement Wharf, E side. P8	35 47.98 174 20.95	Q R		2	2	Red □ Red wooden pile beacon	
3722.4	Coal Berth Wharf Head	35 48.07 174 20.84	LFI G 5s		4	3	Tower	<i>fl 2, ec 3</i>
3722.45	Cement Berth	35 48.17 174 20.84	2 F G(vert)				Beacon	
3722.46	Cement Berth	35 48.14 174 20.84	2 F G(vert)				Beacon	
3722.49	Portland Turning Basin	35 48.09 174 20.96	Q R 1.2s		4	2	Red □ Red pile beacon 4	
3722.5	P10 Ldg Lts Front	35 48.19 174 20.92	Q R		3	3	Red □ Red metal pile beacon	<i>fl 0.4, ec 0.6</i>
3722.513	No.P7 Ldg Lts Rear	35 48.47 174 20.94	Q G		3	3	Green △ Green concrete pile beacon	<i>fl 0.4, ec 0.6</i>
3722.515	No.P9	35 48.82 174 21.06	FI G 1.5s		3	2	Green △ Green wooden pile beacon	
3722.52	No.P13	35 49.41 174 20.78					Green △ Green concrete pile beacon	
CHANNEL TO WHANGĀREI								
3722.7	Wellington Reach W7	35 46.57 174 22.07	Q G		5	3	Green △ Green pile beacon	
3722.8	North Cardinal Beacon	35 46.66 174 22.12	Q W		5	3	Black △ Black and yellow horizontal stripes, pile beacon	
3723	No.K3	35 46.59 174 21.59	Q G		5	2	Green △ Green pile beacon	
3723.4	No.K5	35 46.50 174 21.40	Q G		5	2	Green △ Green pile beacon	
3723.8	No.K7	35 46.35 174 21.26	Q G		5	2	Green △ Green pile beacon	
3724	No.K8	35 46.38 174 21.17	Q R		5	2	Red □ Red pile beacon	
3724.4	No.K9	35 46.18 174 21.20	Q G		5	1	Green △ Green pile beacon	
3724.8	No.K11	35 45.99 174 21.17	Q G		5	1	Green △ Green pile beacon	
3725.7	No.K16	35 45.69 174 21.00	Q R		5	2	Red □ Red pile beacon	
PORT WHANGĀREI								
3725.8	Port Whangārei Wharf South End	35 45.48 174 21.02	2 F R(vert)		2	2	Beacon	Wharf coping
3725.82	Port Whangārei Wharf North End	35 45.41 174 21.00	2 F R(vert)		2	2	Beacon	Wharf coping
3725.9	No.K17	35 45.43 174 21.08	Q G		5	2	Green △ Green pile beacon	
3726	No.K18	35 45.58 174 20.92	Q R		5	2	Red □ Red pile beacon	
3726.4	No.K19	35 45.24 174 21.05	Q G		5	1	Green △ Green pile beacon	
3728	No.K20	35 45.25 174 20.99	FI R 3s		5	2	Red □ Red pile beacon	
3728.4	Slipway	35 44.83 174 20.92	Q R		4	2	Red pile beacon	Seaward end of apron. Dolphin.
3728.6	No.K27	35 44.97 174 21.02	Q G		5	2	Green △ Green pile beacon	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3728.7	Fertiliser Wharf South End	35 45.08 174 20.94		2 F R(vert)	2	2	Beacon	Bulk Cargo Jetty. In whaling
3728.72	Fertiliser Wharf North End	35 45.00 174 20.93		2 F R(vert)	2	2	Beacon	Bulk Cargo Jetty. In whaling
3728.8	No.4 Berth South End	35 44.72 174 20.91		2 F R(vert)	2	2	Beacon	
3728.81	No.4 Berth North End	35 44.65 174 20.90		2 F R(vert)	2	2	Beacon	
HĀTEA RIVER								
3729.6	No.H4	35 44.17 174 20.90		FI R 2s	2	2	Red □ Red wooden pile beacon	
3729.7	No.H3	35 44.14 174 20.92		FI G 2s	2	2	Green △ Green wooden pile beacon	
3729.8	No.H6	35 44.14 174 20.85		FI R 2s	3	2	Red □ Red wooden pile beacon	
3730	No.H8	35 44.12 174 20.79		FI R 2s	3	2	Red □ Red concrete pile beacon	
3730.1	No.H10	35 44.17 174 20.69		FI R 2s	3	2	Red □ Red wooden pile beacon	
3730.15	No.H12	35 44.24 174 20.61		FI R 2s	4	2	Red □ Red metal pile beacon	
3730.61	Pohe bridge starboard pontoon	35 44.14 174 20.13		2 F G(vert)	3	2	Pile beacon	
3730.62	Pohe bridge port pontoon	35 44.06 174 20.10		2 F R(vert)	3	2	Pile beacon	
MOKOHINAU ISLANDS								
3734	<b>Burgess Island (Pokohinu Island)</b> (M) Reserve light	35 54.37 175 06.90		FI W 10s	122	19	White masonry tower 14	<i>fl 0.1, ec 9.9</i>
MANGAWHAI HARBOUR								
3735	Sentinel Rock	36 04.94 174 36.17		FI W 5s	16	4	Pile beacon 2	<i>fl 0.5, ec 4.5</i> column
GREAT BARRIER ISLAND (AOTEA ISLAND)								
3736	Motuhaku Island. Summit (M)	36 09.86 175 17.45		FI W 15s	119	9	White metal column 4	<i>fl 1, ec 14</i> Obscured by islands on certain bearings
3736.1	Old Man Rock	36 11.56 175 20.58		FI(2)W 5s	2	2	Black ● Black, red and black horizontal stripes, concrete, metal pile beacon 2	
3736.2	Tryphena Point (M)	36 19.17 175 28.79		FI(3)W 6s	26	4	White metal column 3	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 2.5</i>
3736.6	Cape Rodney (M)	36 16.68 174 49.27		FI(4)W 20s	53	8	White metal tower 4	<i>(fl 0.5, ec 1.5) x 3, fl 0.5, ec 13.5</i> W (Obscured) 103.5°- 127.5° (24°) W 127.5°-358° (230.5°) W (Obscured) 358°- 038.5° (40.5°)
OMAHA BAY								
3737	Panetiki Island (The Outpost)	36 17.41 174 49.15		FI G 5s	18	3	White pile beacon 7	<i>fl 0.3, ec 4.7</i> G 193.5°-093.5° (260°) Column beacon
3737.4	Whangateau Harbour. Entrance. Ti Point	36 19.24 174 47.00		Q G	4	2	Green △ Black metal pole 4	Steel pole
HAURAKI GULF / TĪKAPA MOANA								
3738	Flat Rock (E of Kawau Is) (M)	36 26.75 174 55.50		FI W 7s	13	8	White concrete tower 8	<i>fl 1, ec 6</i>
3738.2	Kawati Point (M)	36 23.51 174 50.35		Iso WR 6s	34	W8 R6	White metal tower 4	AIS AtoN, MMSI 995126025 W (Partially obscured) 080.5°-083.5° (3°) W 083.5°-096.2° (12.7°) R 096.2°-134.5° (38.3°) W 134.5°-221.7° (87.2°) R 221.7°-241° (19.3°) W 241°-271.9° (30.9°) R 271.9°-295° (23.1°)

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3738.3	Maori Rock (M)	36 22.95 174 51.45		FI G 4s	6	2	Green metal pole 6	<i>fl 0.5, ec 3.5</i>  Steel pipe.
3738.4	Pembles Island (Tangaroa)	36 24.32 174 49.33		FI W 5s	12	1	White pole 2	<i>fl 1, ec 4</i> W (Partially obscured) 142.5°- 244.5° (102°) W 244.5°-142.5° (258°)
3738.5	North Cove W Cardinal	36 24.69 174 49.19		Q(9)W 15s	3	1	Black $\nabla$ Yellow, black and yellow horizontal stripes, pile beacon 2	Column beacon
3738.6	Martello Rock (Ruakoura) (M)	36 25.88 174 48.45		FI(3)WR 15s	8	W8 R6	White metal pile beacon 4	<i>(fl 0.5, ec 1.5) x 2, fl 0.5, ec 10.5</i> W 018.7°-103.7° (85°) R 103.7°-171° (67.3°) W 171°-201° (30°) R 201°-342.3° (141.3°) W 342.3°-349.2° (6.9°) R 349.2°-018.7° (29.5°) Column.
3738.64	Mullet Point	36 26.15 174 46.80		VQ W	3	2	Black $\triangle$ Black and yellow horizontal stripes, metal pile beacon 2	
3738.68	Half Tide Rock	36 23.82 174 45.34		VQ(3)W 5s	3	2	Black $\diamond$ Black, yellow and black horizontal stripes, metal pile beacon 2	
3738.7	Matakana River. E entrance point	36 23.82 174 44.55		FI G 3s	4	2	White pole	
3738.71	Matakana River. W entrance	36 23.89 174 44.51		FI R 3s	3	2	Red $\square$ Red wooden pile beacon	
3738.73	Matakana River (entrance)	36 23.56 174 44.14		FI R 2s	3	1	Red $\square$ Red wooden pile beacon 3	
3739	Motuketekete (M)	36 28.19 174 48.69		FI WR 10s	34	W8 R5	White metal column 3	<i>fl 1, ec 9</i> W (Obscured) 009.5°- 140.3° (130.8°) W 147.7°-191.5° (43.8°) R 191.5°-221.1° (29.6°) W 221.1°-008.8° (147.7°)
3739.5	Te Haupa Island	36 30.87 174 44.83		VQ(6) + LFI W 15s	3	2	Black $\nabla$ Yellow and black horizontal stripes, pile beacon	
3740	<b>Tiritiri Matangi Island. SE part. (M)</b>	36 36.33 174 53.85		FI W 15s	91	18	White metal tower 20	<i>fl 0.1, ec 14.9</i> Obscured within 4M by North West end of island Round tower.
3741	Whangaparaoa Peninsula Huaroa Point Light (M)	36 35.59 174 50.28		FI WR 5s	37	W8 R5	White metal column 4	<i>fl 1, ec 4</i> R 091°-133.5° (42.5°) Except where obscured by land W 133.5°-345° (211.5°) Except where obscured by land
3741.5	Gulf Harbour Marina	36 37.51 174 47.17		FI WR 3s	5	W5 R3	Metal mast 4	<i>fl 0.6, ec 2.4</i> R 025.1°-053° (27.9°) R 302°-326.8° (24.8°) W 326.8°-025.1° (58.3°)
3741.51	Gulf Harbour Marina Outer Ldg Lts 040°. Front	36 37.44 174 47.34		Q W			White $\triangle$ Pole	
3741.52	Gulf Harbour Marina Outer Ldg Lts Rear	36 37.42 174 47.37		FI W 3s			White $\nabla$ Metal pole 5	
3741.6	East Breakwater Head Light	36 37.59 174 47.22		Oc G 5s	3	2	Metal mast 2	<i>ec 2, fl 3</i>
3741.65	West Breakwater Head Light	36 37.55 174 47.19		Oc R 5s	3	2	Metal mast 2	<i>ec 2, fl 3</i>

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3741.71	No.1	36 37.65 174 47.14		Q G	3	2	Green $\triangle$ Green wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3741.72	No.2	36 37.64 174 47.13		Q R	3	2	Red $\square$ Red wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3741.81	Gulf Harbour Marina Inner Ldg Lts 025°. Front	36 37.11 174 47.41		Q W			Pole	
3741.82	Gulf Harbour Marina Inner Ldg Lts Rear	36 37.11 174 47.41		Q W			Pole	
3741.9	Weiti River Entrance	36 38.91 174 44.23		Q G	4	3	Green wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3741.91	Long Bay Marine Reserve NW Limit Light	36 38.94 174 43.65		Fl(5)Y 20s	5	1	Pole	
3741.92	Long Bay Marine Reserve NE Limit Light	36 39.09 174 44.62		Q R	2	1	Red $\square$ Red pole	
3741.93	Long Bay Marine Reserve SW Limit Light	36 41.78 174 45.71		Fl(5)Y 20s	5	1	Pole	
3741.94	Tipau Point Light	36 42.65 174 45.80		Q(2)G 5s	2	1	Green $\triangle$ Green wooden pile beacon	<i>fl 0.4, ec 0.6, fl 0.4, ec 3.6</i>
3742	The Noises. Maria Island (Ruapuke Island) (M)	36 42.53 175 00.34		Fl(3)WR 15s	35	W7 R4	White column 4	<i>(fl 0.5, ec 1.5) x 2, fl 0.5, ec 10.5</i> R 058°-231.8° (173.8°) W 231.8°-279.2° (47.4°) R 279.2°-289.5° (10.3°) W 289.5°-058° (128.5°)
3743	Wairau River Entrance Dir Lt 270° 30'.	36 45.85 174 45.95		Dir F WRG	4	1	Column	F G 265.8°-270.2° (4.4°) F W 270.2°-270.7° (0.5°) F R 270.7°-275.2° (4.5°)
3743.2	Rahopara Point	36 45.65 174 46.33		Fl G 5s	3	2	Green $\triangle$ Green metal pole	
AUCKLAND HARBOUR								
3744	Rangitoto Beacon	36 46.92 174 49.34		Fl R 12s	21	7	Red and white horizontal stripes, concrete tower	<i>fl 1.5, ec 10.5</i>
3744.05	Rangitoto Wharf	36 48.56 174 51.73		Fl W 5s	4	1	Grey metal pole 4	Steel pole
3744.1	Rangitoto Saltworks	36 47.58 174 49.44		Q(3)R 8s	2	1	Red $\square$ Red pole	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 4.5</i>
3745	<b>Saint Leonards Approach</b> Dir Lt 216°.	36 47.92 174 47.29		Dir F WRG	23	<b>G21</b> <b>R21</b> <b>W21</b> <b>R17</b> <b>G17</b>	Metal column	F G 213.5°-214.5° (1°) AI GW 214.5°-215.5° (1°) Alternating green light range 17.0M F W 215.5°-216.5° (1°) AI RW 216.5°-217.5° (1°) Alternating red light range 17.0M F R 217.5°-218.5° (1°)
				<i>By day</i>		4		
3746	Rangitoto Channel Ldg Lts 142° 09'. Front	36 49.45 174 50.50		Fl(2)W 4s	10	14	White and red horizontal stripes, concrete pile beacon	<i>fl 0.4, ec 1, fl 0.4, ec 2.2</i>
				<i>By day</i>		4		
3746.1	Rangitoto Channel Rear Dir Lt	36 50.64 174 51.65		Dir F WRG	8	W12 R11 G11	Red $\square$ White pile beacon	F G 141°-141.5° (0.5°) F W 141.5°-142.8° (1.3°) F R 142.8°-143.3° (0.5°)
3748	Bean Rock	36 50.00 174 49.87		Fl(3)WR 8s	15	W14 R11	White metal tower	<i>(fl 1, ec 1) x 2, fl 1, ec 3</i> R 050°-070° (20°) W 070°-086° (16°) R 086°-156° (70°) W 156°-164° (8°) R 164°-244° (80°) W 244°-260° (16°) R 260°-284° (24°) Framework tower. FR on One Tree Hill 4.7M SW <i>bl 5, si 25</i>
3756	Orakei Wharf	36 50.62 174 48.94		Oc R 6s	8	3	Tower	<i>ec 2, fl 4</i>
3758	Orakei Yacht Anchorage - Wave Break E Part E End	36 50.67 174 48.88		VQ(4)G 7s	4	2	Pile beacon	<i>(fl 0.3, ec 0.3) x 3, fl 0.3, ec 4.9</i>



**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3758.2	Wave Break E Part W end	36 50.74 174 48.53		VQ(4)R 7s	4	2	Pile beacon	<i>(fl 0.3, ec 0.3) x 3, fl 0.3, ec 4.9</i>
3758.4	Wave Break W Part E end	36 50.75 174 48.48		VQ(4)G 7s	4	2	Pile beacon	<i>(fl 0.3, ec 0.3) x 3, fl 0.3, ec 4.9</i>
3758.5	Orakei Marina. Mair Light	36 50.90 174 48.45		Iso WR 2s	7	2	White and red horizontal stripes, fibreglass tower 5	
3758.55	Orakei Marina No.1	36 50.91 174 48.40		FI G	4	2	Green $\triangle$ Green wooden pile beacon 2	
3758.6	Wave Break West Part West End	36 50.86 174 47.93		VQ(4)R 7s	4	2	Pile beacon	<i>(fl 0.3, ec 0.3) x 3, fl 0.3, ec 4.9</i>
3759	Hobson Point	36 51.05 174 48.25		FI R 5s	3	2	Red $\square$ Red wooden pile beacon 3	
<b>DEVONPORT</b>								
3764	Devonport Beach Lts in line 009°. Front	36 50.04 174 47.83		F G			White $\triangle$ White pole	Marks WEST cables
3764.1	Devonport Beach Rear	36 49.96 174 47.84		F R			White $\triangle$ White pole	Marks WEST cables, 177m from front
3765	Devonport Beach Lts in line 009°. Front	36 50.05 174 47.94		F G			White $\triangle$ White pole	Marks EAST cables
3765.1	Devonport Beach Rear	36 49.91 174 47.96		F R			White $\triangle$ White pole	Marks EAST cables, 275 m from front
3766.5	Bell South Cardinal Mark	36 49.99 174 47.66		VQ(6) + LFI W 10s	3	2	Black $\nabla$ Yellow and black horizontal stripes, pile beacon 2	
3767	Calliope Dock Training Jetty Head	36 49.92 174 47.28		F R	3		Pole	
3768	Calliope S Wharf, SE corner	36 49.93 174 47.18		2 F R(vert)	11		Pole	2 m apart
3768.2	Calliope S Wharf, SW corner	36 49.89 174 46.97		2 F G(vert)	11		Pole	2 m apart
3769		36 49.81 174 46.98		3 F GWR(vert)	6		Flagstaff 3	
3770	Bayswater Wharf Approach Channel. S end	36 49.67 174 46.01		FI R 3s	2		Red $\square$ Red metal pile beacon 6	<i>fl 0.3, ec 2.7</i>
3770.01	Bayswater Marina 1	36 49.67 174 46.05		FI G 3s	5	1	Green $\triangle$ Green pole	
3770.03	Bayswater Marina 2	36 49.53 174 46.02		FI(2)R 5s	5	1	Red $\square$ Red pole	
3770.05	Bayswater Marina 3	36 49.52 174 46.06		FI(2)G 4s	5	1	Green $\triangle$ Green pole	
3770.07	Bayswater Marina 4	36 49.45 174 46.03		FI(2)R 4s	5	1	Red $\square$ Red pole	
3770.09	Bayswater Marina 5	36 49.38 174 46.06		FI G 4s	5	1	Green $\triangle$ Green pole	
3770.11	Bayswater Marina 6	36 49.39 174 46.03		FI(2)R 3s	5	1	Red $\square$ Red pole	
3770.13	Bayswater Marina Entrance	36 49.34 174 46.00		Q G	5	1	Green metal pole	Green top. On breakwater
3770.15	Bayswater Marina Entrance	36 49.36 174 45.99		Q R	5	1	Red metal pole	Red top. On breakwater.
<b>MECHANICS BAY</b>								
3771	Mechanics Bay. SAR Centre. Breakwater Head	36 50.76 174 47.34		Oc R 6s	5	3	Wooden pile beacon	<i>ec 2, fl 4</i>
3772	Mechanics Bay. SAR Centre. Breakwater. Elbow	36 50.75 174 47.32		VQ(2+1)G 6s	5	3	Wooden pile beacon	<i>fl 0.3, ec 0.4, fl 0.3, ec 1.2, fl 0.3, ec 3.5</i>
3773	Compass Dolphin (Remains)	36 50.62 174 47.51		FI(2)W 4s	5	3	Black $\bullet$ Black, red and black horizontal stripes, wooden pile beacon	
3774	Commercial Harbour, Fergusson Wharf, Northern Dolphin	36 50.39 174 46.98		3 F YR(vert)	5	2	Metal pole	R <sub>YR</sub> 197°-343° (146°) LED



## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3797.1	OVH06	36 50.45 174 45.84	F G		5	1	Green $\triangle$ Green metal, painted pole 3	G (Obscured) 054°- 164° (110°) G 164°-054° (250°)
3797.2	OVH07	36 50.39 174 45.77	F R		5		Grey pole 3	Pole also supports a 5 knot speed sign
3797.3	OVH05	36 50.45 174 45.74	F R		2	1	Red painted, metal pole 1	Black pile
3797.4	Viaduct Harbour. W breakwater	36 50.42 174 45.72	F G		5		Pole	
3797.6	WW01	36 50.36 174 45.53	F G		5	3	Green $\triangle$ Green painted, metal pole 3	
3797.7	WW02	36 50.34 174 45.58	F R		5	3	Red $\square$ Red metal, painted pole 3	
3798	Ldg Lts 229° 45'. Front	36 50.44 174 45.44	F Bu		8	2	Yellow $\triangle$ , on building	LED
3798.1	Ldg Lts Rear	36 50.46 174 45.41	F Bu		13	2	Yellow $\square$ , on building	LED
WESTHAVEN BOAT HARBOUR								
3800	Westhaven Boat Harbour E Entrance. E Side	36 50.20 174 45.45	Oc R 6s		3	5	Red $\square$ Red pole	
3818	Westhaven Boat Harbour E Entrance. W Side	36 50.17 174 45.24	Fl G 5s		3	5	White concrete column	<i>fl 0.7, ec 4.3</i> 5FW lights on bulk cement jetty 0.2M S
3818.5	S-TP01	36 50.26 174 45.29	Fl R 5s		7	1	Red $\square$ Red metal, painted pole 7	<i>fl 0.5, ec 4.5</i> On top of seawardmost monopile structure
3819	Westhaven Boat Harbour off mole end	36 50.27 174 45.17	Oc G 6s		3	6	Green $\triangle$ Wooden pile beacon	<i>ec 2, fl 4</i>
3829	Harbour Bridge	36 49.77 174 44.79	4 F YGR(vert)		49		Pole	One set on E and one set on W sides of centre of bridge. Aero Q R on highest point of centre of bridge, and 5 F R along top of bridge On highest point of centre of bridge <i>bl 2, si 6 120 m SSW</i>
				Aero Q R				
				Horn 8s				
3831	Point Chevalier Reef Light	36 49.86 174 42.34	Q(3)R 6s				Red $\square$ Red pole	
3832	Kauri Pt Armament Depot Light	36 49.43 174 41.84	F G		3	2	White tower 3	On metal pile
UPPER WAITEMATA HARBOUR								
3833	Whau River No.1	36 50.00 174 41.96	Q G		3	2	Green $\triangle$ Green wooden pile beacon 3	
3834	No.2	36 50.42 174 41.46	Q R		5	3	Red $\square$ Red wooden pile beacon	
3834.5	No.4	36 50.83 174 40.57	Q R		3	2	Red $\square$ Red wooden pile beacon 3	
3835	No.5	36 50.69 174 41.24	Q G		3	2	Green $\triangle$ Green wooden pole	
3835.5	No.7	36 50.74 174 41.15	Q G		3	2	Green $\triangle$ Green wooden pile beacon 3	
3836	No.9	36 50.94 174 39.99	Oc G		5	3	Green $\triangle$ Green wooden pile beacon	
3837.1	Whau River No.6. Pollen Island Marine Reserve NW Limit	36 51.09 174 39.82	Q R		2	1	Red $\square$ Red pole	
3837.2	Pollen Island Marine Reserve NE Limit	36 51.10 174 40.28	Fl(5)Y 20s		2	1	Yellow pole	
3837.3	Pollen Island Marine Reserve SE Limit	36 51.70 174 40.91	Fl(5)Y 20s		2	1	Yellow pole	
3838	No.2	36 48.97 174 41.08	F R		2	3	Red $\square$ Red wooden pole	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3838.02	No.1	36 48.90 174 40.68		Q G	3	2	Green △ Green wooden pile beacon 3	
3838.04	No.3	36 48.85 174 40.25		Q G	3	2	Green △ Green wooden pile beacon 3	
3838.06	No.4	36 49.01 174 40.68		Q R	3	2	Red □ Red wooden pile beacon 3	
3838.08	No.5	36 48.71 174 39.93		Q G	3		Green △ Green wooden pile beacon 3	
3838.1	No.6	36 48.96 174 40.20		F R	2	2	Red □ Red wooden pile beacon	
3838.12	No.7	36 48.56 174 39.68		Q G	3	2	Green △ Green wooden pile beacon 3	
3838.14	No.8	36 48.77 174 39.87		Q R	3	2	Red □ Red wooden pile beacon 3	
3838.15	No.9	36 48.45 174 39.50		F G	2	2	Green △ Green wooden pile beacon	
3838.18	No.10	36 48.60 174 39.64		Q R	3	2	Red □ Red wooden pile beacon 3	
3838.2	No.12	36 48.49 174 39.49		F R	2	2	Red □ Red wooden pile beacon	
3838.3	No.11	36 48.42 174 39.24		F G	2	2	Green △ Green wooden pile beacon	
3838.31	No.13	36 48.42 174 39.15		Q G	3	2	Green △ Green wooden pile beacon 3	
3838.35	No.14A	36 48.46 174 39.14		FI R 3s	2	2	Red □ Red wooden pile beacon	
3838.4	No.15	36 48.45 174 39.05		F G	2	2	Green △ Green wooden pile beacon	
3838.5	No.16	36 48.48 174 39.07		Q R	3	2	Red □ Red wooden pile beacon 3	
3839	No.17	36 48.54 174 38.96		F G	3	2	Green △ Green pole	
3840	No.18	36 48.54 174 38.98		F R	3	2	Red □ Red pole	
3842	Ranger Rock	36 47.41 174 40.62		Q(3)W 10s	4	5	Black ◊ Black, yellow and black horizontal stripes, pole	Marks position of rock off Birkdale Wharf and outer end of power cable
3842.2	Beach Haven Wharf	36 47.41 174 40.69		F W			Pole	
3843	Greenhithe Bridge	36 47.07 174 40.16		F R			Red □ Red pole	
3843.2		36 47.07 174 40.21		F G			Green △ Green pole	
3844	<b>National Broadcast Station</b>	36 50.66 174 37.86		Aero F R	121	21	Mast	
3844	<b>National Broadcast Station</b>	36 50.94 174 37.78		Aero F R	152	21	Mast	
3845	Motuihe Island Wharf. Head (M)	36 48.38 174 56.09		Q W	6		Grey metal mast 3	
3845.1	North Reef	36 47.74 174 56.25		FI R 3s	5	1	Red □ Red pile beacon	<i>fl 0.5, ec 2.5</i>
3845.2	Motuihe Island East Cardinal	36 48.53 174 57.68		Q(3)W 5s	4	1	Black ◊ Black, yellow and black horizontal stripes, wooden pile beacon	
3845.25	Motutapu Island	36 47.77 174 54.95		VQ(6) + LFI W 15s	5	2	Black ∇ Yellow and black horizontal stripes, lattice beacon	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3845.3	Motutapu Island. E Point (M)	36 44.42 174 56.08		FI G 2s	7	1	White column 2	<i>fl 0.5, ec 1.5</i>
<b>WAIHEKE ISLAND</b>								
3845.4	Matiatia Bay Approach Directional Light Dir Lt 077° 10'.	36 46.80 174 59.55		Dir Oc WRG 6s	20	3	White metal pole	<i>ec 2, fl 4</i> Oc G 074.6°-076.6° (2°) Oc W 076.6°-077.7° (1.1°) Oc R 077.7°-079.7° (2°)
3846	Putiki Bay. Kennedy Point (M)	36 48.78 175 01.29		FI WR 10s	25	W7 R5	White metal column 3	<i>fl 1, ec 9</i> R 076.8°-102.5° (25.7°) Obscured by Park Point beyond 93° R 226°-301.5° (75.5°) W 301.5°-076.8° (135.3°)
3846.05		36 48.62 175 01.61		FI R 4s	4	2		
3846.1		36 48.41 175 02.54		FI R 3s	4	2	Red □ Red wooden pile beacon 3	
3846.5	Musick Point	36 50.57 174 54.04		Oc R 6s	7	3	Red □ Red metal pile beacon	
3847	Browns Island (Motukorea)	36 49.44 174 53.93		FI WR 4s	10	W6 R4	Yellow metal tower 29	<i>fl 1, ec 3</i> R 060°-082° (22°) W 082°-096° (14°) R 096°-217° (121°) W 217°-222° (5°) R 222°-274° (52°) W 274°-287° (13°) R 287°-351° (64°) W (Obscured) 351°- 060° (69°) Ra refl Tripod <b>TE 2022</b>
3847.5	Iliomama Rock	36 48.50 174 53.19		Q WR	2	W5 R3	Black and white horizontal stripes, metal pile beacon	R 062°-249.5° (187.5°) W 249.5°-062° (172.5°) Ra refl
3847.8	Motukorea Channel	36 49.91 174 52.04		LFI W 10s	4	2	Red O Red and white vertical stripes, wooden pile beacon	<i>fl 2, ec 8</i>
3848	West Tāmaki Head	36 50.53 174 52.62		Mo(N)WR 6.5s	5	W7 R5	Red and white horizontal stripes, pile beacon	<i>fl 1, ec 0.5, fl 0.3, ec 4.7</i> W 103.7°-323.7° (220°) R 323.7°-103.7° (140°)
3848.5	E Tamaki Head.	36 50.70 174 53.67		Q R	4	2	Red □ Red wooden pile beacon	
3848.6		36 50.62 174 53.75		Q G	4	2	Green △ Green wooden pile beacon 4	
3848.7		36 51.05 174 53.01		FI G 3s	3	2	Green △ Green pole 3	
3848.8		36 51.01 174 53.63		FI R 3s	3	2	Red □ Red pole 3	
<b>TAMAKI RIVER</b>								
3849	No. 3	36 52.10 174 54.02		Oc G 6s	3	3	Green △ Green wooden pile beacon	<i>ec 2, fl 4</i>
3849.05	No. 2	36 51.42 174 53.60		Q R	2	2	Red □ Red pile beacon	
3849.1	No. 1A	36 51.77 174 53.75		FI G 2s	3	2	Green △ Green pole 3	
3849.2	Half Moon Bay Marina. E Breakwater Head	36 52.69 174 53.98		FI(2)R 6s	3		Pole	
3849.25	Half Moon Bay Marina. W Breakwater Head	36 52.71 174 53.96		F G			Pole	
3849.3	Buckland's Beach Yacht Club Marina. E Breakwater. Head	36 52.72 174 53.89		Oc R 6s	3	5	Pole	<i>ec 2, fl 4</i>
3849.5	No. 11	36 52.73 174 53.47		Q G	3	3	Green △ Green wooden pile beacon	<i>fl 0.3, ec 0.7</i>

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3849.55	No. 4	36 52.85 174 52.99		Q R	3	3	Red □ Red wooden pile beacon	<i>fl 0.3, ec 0.7</i>
3849.6	No. 13	36 52.95 174 52.52		FI G 3s	4	2	Green △ Green pole	
3849.62	No. 15	36 53.75 174 52.53		Q G	4	2	Green △ Green pole	
3849.65	No. 12	36 54.16 174 52.44		Q R	5	1	Red □ Red pole	
3849.67	No. 16	36 54.32 174 51.80		FI R 2s	5	1	Red □ Red pole	
3849.7	Panmure Bridge. NW Pier	36 54.48 174 51.49		2 F G(vert)			Pole	On Pier at bridge level
3849.72	Panmure Bridge. SE Pier	36 54.50 174 51.51		2 F R(vert)			Pole	On Pier at bridge level
3849.75	No. 24	36 54.93 174 51.45		FI R 2s	5		Red □ Red pole	
3849.8	Pakuranga Bridge. W Pier	36 54.70 174 51.41		F G			Pole	
3849.82	Pakuranga Bridge. E Pier	36 54.71 174 51.46		F R			Pole	
3849.84	Pakuranga Bridge. Centre	36 54.71 174 51.43		1 F GR(vert)			Pole	Centre of bridge span. FG over FR
3849.98		36 53.59 174 57.52		FI G 5s	4	2	Green △ Green wooden pile beacon	
<b>TĀMAKI STRAIT</b>								
3850.2	Dennis Rock	36 52.43 174 58.39		Q(9)W 15s	5	2	Black X Yellow, black and yellow horizontal stripes, pile beacon	
4								
3850.5	Maraetai Boat Ramp N Breakwater. Head	36 52.61 175 02.50		Q G	2	3	Green metal pole	
3850.55	Maraetai Boat Ramp S Breakwater. Head	36 52.62 175 02.49		Q R	2	3	Red metal pole	
<b>WAIHEKE CHANNEL</b>								
3850.6	Passage Rock (M)	36 51.42 175 07.85		FI(2)W 10s	14	8	White metal tower 1	<i>fl 0.5, ec 1, fl 0.5, ec 8</i>
3851.5	Ruthe Passage	36 49.40 175 11.99		FI W 5s	57	7	Grey metal mast	<i>fl 1, ec 4</i>
3851.6		36 49.70 175 12.08		Q R	8	3	Red □ Red pile beacon	
<b>FIRTH OF THAMES</b>								
3852	Sandspit Passage Sandspit E end. (M)	36 54.02 175 10.96		FI WR 2s	6	W7 R4	White metal column 5	<i>fl 0.5, ec 1.5</i> W 091.3°-124° (32.7°) R 124°-139° (15°) R (Obscured) 139°- 277° (138°) R 277°-287.8° (10.8°) W 287.8°-303.3° (15.5°) R 303.3°-000° (56.7°) Column on wooden piles.
3852.3	Kawakawa Bay Breakwater	36 56.21 175 10.64		FI W 5s	2	4	Wooden pole	
3853	Wharekawa Quarry. N end of channel	37 03.64 175 18.01		Q G	6	3	Pole 3	Post on concrete pier
3854	Wharekawa Quarry. S end of channel	37 03.71 175 17.96		Q R	8	3	Pole 4	On shipwreck
3855	Kaiaua Boat Ramp	37 06.65 175 18.13		F W	3	2	Grey metal pole 3	
3856	Piako River Outer entrance	37 10.13 175 29.69		FI WR 3s	3	W5 R3	Red pile beacon	<i>fl 0.3, ec 2.7</i> R 002.8°-138.4° (135.6°) W 138.4°-153.8° (15.4°) R 153.8°-346.6° (192.8°) W 346.6°-002.8° (16.2°)
<b>THAMES</b>								
3860	Sewer Outfall - outer end	37 08.27 175 31.39		FI R 15s	4	3	White beacon 4	F R on war memorial 1 M ENE Square structure on piles
3861	Kaueranga Channel. N side	37 08.39 175 31.80		FI R 5s			Red pile beacon	Channel liable to change

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3862	Kaueranga Channel. N side No.6	37 08.71 175 32.00	Q R		4	3	Red beacon	
3864	Kaueranga Channel. E side No.8	37 08.75 175 32.20	Q R		4	3	Red beacon	
3866	Shortland Wharf. Head Ldg Lts 079° 45'. Front	37 08.75 175 32.61	F R		6	3	White mast vertical stripes △ 4	Neon □
3866.1	Shortland Wharf. Head Ldg Lts Rear	37 08.75 175 32.61	F G		8	3	White mast vertical stripes ▽ 7	Neon □
3868	Waihou River Outer channel. N side	37 09.18 175 30.74	FI R 5s		5	3	Red pile beacon	fl 0.6, ec 4.4
3878	Cow Islet. Summit (M)	36 48.32 175 24.11	LFI W 8s		33	9	Concrete tower 3	fl 2, ec 6 Square.
3879	Te Kouma. Head. S end (M)	36 49.46 175 25.41	FI(2)W 10s		39	5	Metal pile beacon 4	fl 0.5, ec 2, fl 0.5, ec 7 Column.
3879.5	Sugarloaf Ramp Point	36 48.25 175 28.36	FI W 20s		12	3	Metal pole 7	
3879.7	Te Kouma Boat Ramp	36 48.27 175 28.40	F Y		4	1	Wooden pile beacon 4	
3879.8	Whangarahi Stream	36 46.00 175 29.00	FI(3)G 20s		8	2	Green △ Green metal pole 8	
3880	Coromandel. Wharf Head	36 45.78 175 28.97	F R		8	2	Metal pole 6	
3880.5	Little Passage	36 46.20 175 27.39	FI(3)G 10s		8	2	Green △ Green metal pole 8	
3881	Jetty	36 48.59 175 28.08	Q(4)W 10s		8	1	Metal pole 6	Occas
3882	Channel Island (M)	36 25.30 175 19.89	FI(2)W 12s		79	9	White metal tower 4	fl 1, ec 2, fl 1, ec 8 AIS AtoN, MMSI 995126024
3886	<b>Cuvier Island (Repanga Island) E end (M)</b>	36 26.39 175 47.17	FI W 15s		119	19	White metal tower 15	fl 0.1, ec 14.9 W (Obscured) 086°- 129° (43°) Obscured within 8 M. Obscured off Cape Colville when bearing more than 089°. W 129°-086° (317°)
	Reserve light					10		
3888	Port Charles (M)	36 30.70 175 29.47	FI(4)W 20s		155	9	Metal column 4	(fl 0.5, ec 1.5) x 3, fl 0.5, ec 13.5
3890	Old Man Rock (M)	36 42.60 175 50.80	FI W 2s		64	8	Concrete column	fl 0.5, ec 1.5 Pedestal
3892	Ohinau Island. Summit (M)	36 43.63 175 52.63	FI W 5s		105	9	White metal tower 4	fl 1, ec 4 Aluminium
MERCURY BAY								
3893	Whitianga Entrance Whakapenui Point	36 49.61 175 42.84	FI W 3s		30	7	White mast 5	fl 0.3, ec 2.7 W (Partially obscured) 060°- 301.4° (241.4°) partially obscured by Motukorure Island.
3894	Tairua Harbour - Royal Billy Point Jetty	37 00.34 175 51.68	F R		8		Beacon	On pontoon
3896	Slipper Island (Whakahau)	37 02.90 175 57.21	FI(2)W 15s		103	9	White metal tower 4	fl 1, ec 2, fl 1, ec 11 W (Obscured) 041°- 044° (3°) W 044°-056° (12°) W (Obscured) 056°- 092° (36°) W 092°-125° (33°) W (Obscured) 125°- 148.5° (23.5°) W 148.5°-041° (252.5°)
WHANGAMATĀ HARBOUR								
3897	Whangamata Harbour Entrance Ldg Lts 288° 17'. Front	37 12.18 175 52.67	F R		10	4	Grey concrete pole	Neon □



## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3898.251	TP4	37 28.65 175 56.94		FI R 3s	2	1	Red □ Red pile beacon	
3898.5	MW RGR	37 31.44 175 58.96		FI(2+1)G 3s			Green △ Green, red and green horizontal stripes, pile beacon	
3898.6	Uretara Beacon	37 32.25 175 57.40		Q W			Black △ Black and yellow horizontal stripes, pile beacon	
TAURANGA HARBOUR								
3899	The Mount	37 37.65 176 10.38		FI W 15s	80	24	White beacon concrete 1	W 132°-311.5° (179.5°) Square structure
3899.05	'A' Beacon	37 36.07 176 10.71		VQ(3)W 5s	14	6	Black ⬇ Black, yellow and black horizontal stripes, pile beacon	Ra refl AIS AtoN, MMSI 995126086
3899.1	North Rock	37 37.41 176 10.50		FI WR 3s	11	W3 R2	Red metal column 5	<i>fl 0.3, ec 2.7</i> W 003°-273° (270°) R 273°-003° (90°) Concrete base
3899.2	North West Rock	37 37.75 176 09.99		FI W 2s	7	5	Metal column	<i>fl 0.3, ec 1.7</i>
3899.4	No.1 Reach. and Cutter Channel. Outbound. Ldg Lts Front	37 38.06 176 09.46		F G	14		White □, black vertical stripes Beacon 13	Neon □
	Dir Lt 297° 15'.			Dir F WRG	15			F G (Intensified) 291.5°-292° (0.5°) AI WG (Intensified) 292°-297° (5°) Alternating white phase increasing with bearing. F W (Intensified) 297°-297.5° (0.5°) AI WR (Intensified) 297.5°-302.5° (5°) Alternating red phase increasing with bearing. F R (Intensified) 302.5°-304.5° (2°) Intens by day on request to Port of Tauranga R (Intensified) 304.5°-306.5° (2°) Intens by day on request to Port of Tauranga
3899.41	No.1 Reach. Rear	37 38.15 176 09.40		F G	17		White ▽, black vertical stripes Beacon	Neon ▽. 178m from front
	Dir Lt 209°.			Dir AI WRG	12	6		AI WG 207.25°-208.13° (0.88°) Alternating green light range 4.0M F W 208.13°-209.88° (1.75°) AI WR 209.88°-210.75° (0.87°) DIRECTIONAL LIGHT. The directional approach light is operated on request. Vessels are to contact Port of Tauranga. Alternating red light range 4.0M Occas
3899.5	No.1 Reach Dredged Channel. Eastern boundary limit - Lts in Line. Front	37 38.05 176 09.43		F R	8		White △, black vertical stripes Beacon	Neon □
3899.51	No.1 Reach Dredged Channel. Rear	37 38.11 176 09.37		F R	14		White ▽, black vertical stripes Beacon	Neon □ 136m from front
3899.7	No.2 Reach. Ldg Lts 180° 10'. Front	37 38.87 176 09.82		Iso G 2s	11	6	White △ White concrete pile beacon	
	Dir Lt 180°.			Dir Q WRG	4	8		Q G 177.5°-179.7° (2.2°) Q W 179.7°-180.2° (0.5°) Q R 180.2°-187.5° (7.3°)

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3899.8	No.2 Reach. Rear Dir Lt	37 39.27 176 09.81		Dir F WRG	5		Orange $\triangle$ Metal, concrete pile beacon 15	F G 175.2°-175.9° (0.7°) AI WG 175.9°-179.9° (4°) White phase increasing with bearing. F W 179.9°-180.4° (0.5°) AI WR 180.4°-184.4° (4°) Red phase increasing with bearing. F R (Intensified) 184.4°-185.2° (0.8°) Intensified by day. Tripod
3900	No.4, Stony Point	37 38.21 176 10.12		Q(2)R 3s	6	4	Red $\square$ Red pile beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7</i>
3900.4	P1	37 38.27 176 10.22		VQ(9)W 10s			Black $\nabla$ Yellow, black and yellow horizontal stripes, pile beacon	
3902	P3	37 38.24 176 10.37		FI G 3s			Green $\triangle$ Green pile beacon	
3902.4	P5	37 38.31 176 10.58		Q G			Green $\triangle$ Green pile beacon	
3903	P7	37 38.43 176 10.68		Q(6) + LFI W 15s			Black $\nabla$ Yellow and black horizontal stripes, pile beacon	
3904	Salisbury Avenue Jetty. Head	37 38.43 176 10.86		F W F W F R	9 9 8	2 2	Mast	W (Obscured) 133°- 358° (225°) W 358°-133° (135°) white vertically disposed R 358°-133° (135°) red vertically disposed
3904.1	Tug Berth. North Jetty. Head	37 38.46 176 10.86		2 F Y(vert)			Beacon	
3904.29	Cutter Channel	37 38.66 176 10.94		F W	35		Orange and white stripes (direction unknown), tower $\square$ 35	Neon $\square$
3904.3	Cutter Channel. Old rear lead	37 38.70 176 11.06		F G	39		Tower $\nabla$ 39	Neon $\nabla$ lattice tower
3904.34	No.6	37 38.36 176 10.42		Iso R 2s			Red $\square$ Red pile beacon	
3904.5	Mount Maunganui Wharf. North End	37 38.48 176 10.88		2 F G(vert)	7	5	Beacon	
3904.8	No.11	37 38.79 176 10.70		Iso G 2s			Green $\triangle$ Green pile beacon	
3905	No.13	37 38.91 176 10.75		Iso G 2s			Green $\triangle$ Green pile beacon	
3905.1	Mount Maunganui Wharf. RoRo Berth	37 38.97 176 10.97		2 F R(vert)			Beacon	
3905.2	No.15	37 39.04 176 10.74		Iso G 2s			Green $\triangle$ Green pile beacon	
3905.3	No.17	37 39.31 176 10.60		Iso G 2s			Green $\triangle$ Green pile beacon	
3907	Mount Maunganui Wharf. South End	37 39.58 176 10.87		2 F Y(vert)	10	2	Column	Y 008°-188° (180°) Height of the second light is 8 m
3908.1	No.8	37 39.75 176 10.84		Iso R 2s			Red $\square$ Red pile beacon	
3908.4	Town Reach	37 39.96 176 10.59		FI Y 5s			Yellow X Yellow pile beacon	
3909	Sulphur Point Wharf. North End	37 39.47 176 10.53		2 F R(vert)			Beacon	
3909.1	Sulphur Point Wharf. South End	37 39.90 176 10.47		3 F GWR(vert)			Beacon	
3911	Tanker Berth. North End	37 39.81 176 10.83		2 F WY(vert)			Beacon	
3911.1	Tanker Berth. South End	37 39.94 176 10.80		2 F WG(vert)			Beacon	
3913	No.10	37 40.13 176 10.60		Q R			Red $\square$ Red pile beacon	



## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3913.5	No.12	37 40.26 176 10.54		Q R			Red <input type="checkbox"/> Red pile beacon	
3914	Tauranga Bridge Marina, North Breakwater Head	37 40.25 176 10.57		2 F R (vert)	4	2	Pole	
3915	Tauranga Bridge Marina, South Breakwater Head	37 40.25 176 10.60		Q G	3	2	Pole	
3919	Hunters Creek	37 38.44 176 08.07		FI(2+1)G 6s	7	5	Green <input type="checkbox"/> Green, red and green horizontal stripes, concrete pile beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7, fl 0.3, ec 2.7</i>
3919.01	HC1	37 38.44 176 08.18		FI G 3s	2	1	Green pile beacon 2	
3919.02	HC2	37 38.33 176 07.89		FI R 3s	2	1	Red pile beacon 2	
3919.03	HC3	37 38.34 176 08.07		FI G 3s	2	1	Green pile beacon 2	
3919.035	HC3A	37 38.32 176 07.95		FI G 3s	2	1	Green <input type="checkbox"/> Green pile beacon 2	
3919.04	HC5	37 38.21 176 07.82		FI G 3s	2	1	Green <input type="checkbox"/> Green pile beacon 2	
3919.05	HC7	37 38.14 176 07.72		FI G 3s	2	1	Green pile beacon 2	
3919.2	WC10	37 38.67 176 08.24		Q R			Red pile beacon	<i>fl 0.3, ec 0.7</i>
3919.3	WC12	37 38.70 176 07.62		Q R			Red pile beacon	<i>fl 0.3, ec 0.7</i>
3919.303	WC14	37 38.84 176 06.90		Q R	3	2	Red <input type="checkbox"/> Red pile beacon 3	
3919.305	WC16	37 38.89 176 06.37		FI R 3s	2	1	Red <input type="checkbox"/> Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.306	WC18	37 38.98 176 05.93		FI R 3s	2	2	Red <input type="checkbox"/> Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.307	WC18B	37 39.14 176 05.57		FI R 3s	2	2	Red <input type="checkbox"/> Red pile beacon 2	<i>fl 1, ec 2</i>
3919.308	WC18(C)	37 39.28 176 05.17		FI R 3s	2	2	Red pile beacon	
3919.31	WC11	37 39.09 176 05.08		FI G 3s	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.311	WC13	37 39.14 176 04.63		Q G	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.312	WC15	37 39.18 176 04.21		FI G 3s	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.313	WC15(B)	37 39.12 176 03.89		Q G	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.314	WC17	37 39.10 176 03.29		FI G 3s	2	2	Green pile beacon	
3919.315	WC21	37 38.97 176 03.15		FI G 3s	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.316	WC20	37 39.28 176 03.58		FI R 3s			Red <input type="checkbox"/> Red pile beacon	<i>fl 0.3, ec 2.7</i>
3919.318	WC23	37 38.78 176 03.07		Q G	2	2	Green <input type="checkbox"/> Green pile beacon	
3919.32	WC22	37 37.71 176 03.83		FI R 3s		1	Red <input type="checkbox"/> Red pile beacon	<i>fl 0.3, ec 2.7</i>
3919.321	WC24	37 37.56 176 03.66		FI R 3s	2	1	Red <input type="checkbox"/> Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.322	Omokoroa 'OP'	37 38.00 176 03.32		FI G 3s	2	1	Green pile beacon	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3919.323	WC25	37 38.41 176 03.13		Q G			Green $\triangle$ Green pile beacon	
3919.325	Rangiwaera 'A'	37 38.40 176 06.23		FI(2+1)R 10s		2	Red $\square$ Red, green and red horizontal stripes, pile beacon	
3919.327	Rangiwaera 'B'	37 38.26 176 06.04		FI R 3s	2	1	Red $\square$ Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.333	TE3	37 39.34 176 03.45		FI G 3s	2	1	Green pile beacon	
3919.338	TE15	37 39.47 176 02.93		FI G 3s	2	1	Green pile beacon	
3919.36	Motuhua	37 37.92 176 04.46		FI G 3s	2	1	Green $\triangle$ Green pile beacon	
3919.38	OP20	37 37.41 176 04.40		FI R 3s			Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.4	Western 'A'	37 38.23 176 05.99		Q R			Red pile beacon	<i>fl 0.3, ec 0.7</i>
3919.41	Western A2	37 38.12 176 05.51		Q R 3s	2	2	Red $\square$ Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3919.5	Western 'B'	37 37.86 176 05.25		FI(2+1)G 6s			Green $\triangle$ Green, red and green horizontal stripes, pile beacon	
3919.6	Western 'C'	37 37.99 176 04.85		Q G			Green $\triangle$ Green pile beacon	
3919.7	Western 'G'	37 39.14 176 03.40		FI(2+1)G 6s			Green $\triangle$ Green, red and green horizontal stripes, pile beacon	
3919.8	Omokoroa 'D'	37 37.50 176 03.38		Q R			Red $\square$ Red pile beacon	
3919.85	Western 'E'	37 37.27 176 03.18		FI R 3s	2.5	1	Red $\square$ Red pile beacon	
3919.9	Western F	37 36.85 176 02.89		Q G			Green $\triangle$ Green pile beacon	
3920.2	Otumoetai 'A'	37 39.38 176 10.13		Q G			Green $\triangle$ Green pile beacon	<i>fl 0.3, ec 0.7</i> G (Obscured) 118°- 249.5° (131.5°) G 249.5°-118° (228.5°)
3920.21	Marina Fuel Jetty	37 39.57 176 09.94		3 F R(vert)	5	2	Beacon	1 metre apart
3920.22	Marina North Breakwater Head	37 39.54 176 09.92		FI W 1.5s	1		Beacon	<i>fl 0.3, ec 1.2</i> On platform
3920.3	Martha Beacon Waikareao Estuary	37 39.54 176 09.83		Q R			Red $\square$ Red pile beacon	<i>fl 0.3, ec 0.7</i>
3920.35	Otumoetai 'C'	37 39.56 176 09.80		FI(2+1)R 6s			Red $\square$ Red, green and red horizontal stripes, pile beacon	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7, fl 0.3, ec 2.7</i>
3920.351	Waikareao Estuary. WK1	37 39.73 176 09.84		Q G	2	1	Green pile beacon 2	
3920.352	WK2	37 39.83 176 09.91		FI R 3s	2	1	Red $\square$ Red pole 2	<i>fl 0.3, ec 2.7</i>
3920.353	WK3	37 39.85 176 09.88		FI G 3s	2	1	Green pile beacon 2	<i>fl 0.3, ec 2.7</i>
3920.354	WK4	37 39.97 176 09.96		FI R 3s	2	1	Red pile beacon 2	<i>fl 0.3, ec 2.7</i>
3920.355	WK5	37 39.96 176 09.91		FI G 3s	2	1	Green pile beacon 2	<i>fl 0.3, ec 2.7</i>
3920.356	WK7	37 40.05 176 09.90		FI G 3s	2	1	Green pile beacon 2	<i>fl 0.3, ec 2.7</i>
3920.357	WK9	37 40.17 176 09.89		FI G 3s	2	1	Green $\triangle$ Green pile beacon 2	<i>fl 0.3, ec 2.7</i>

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3920.4	Otumoetai Channel. Otumoetai 'B'	37 39.31 176 09.48	Q G				Green $\triangle$ Green pile beacon	G (Obscured) 111°- 260° (149°) G 260°-111° (211°)
3920.5	Otumoetai 'D'	37 39.22 176 09.05	Q G		3	2	Green $\triangle$ Green pile beacon	
3920.6	Otumoetai West Cardinal	37 39.07 176 08.81	Q(9)W 15s		3	2	Black $\times$ Yellow, black and yellow horizontal stripes, pile beacon	(fl 0.3, ec 0.7) x 8, fl 0.3, ec 6.7
4								
BAY OF PLENTY								
3922	Mōtītī Island	37 36.43 176 25.13	FI(2)W 10s		63	8	White metal column 4	fl 0.5, ec 1, fl 0.5, ec 8
3924	<b>Whakatāne Airport Light</b>	37 55.58 176 55.29	Aero FI W 3.7s		14	15		
3925	Whakatāne River Entrance. Ldg Lts 171° 08'. Front	37 56.58 177 00.70	F R		5	5	White $\triangle$ White beacon	Neon O
3925.1	Whakatāne River Entrance. Rear	37 56.62 177 00.70	F R		14	5	White $\triangle$ White beacon	Neon O
3925.5	Ldg Lts 201° 10'. Front	37 56.79 177 00.53	F G		6	5	Green pole	Neon $\square$
3925.51	Ldg Lts Rear	37 56.88 177 00.49	F G		10	5	Green pole	Neon $\square$
3925.55	No. 2 beacon	37 56.42 177 00.68	Q R		3	3	Red $\square$ Red beacon	
3								
3926	N end, E groyne	37 56.52 177 00.68	Q R		2	1	Red beacon	Spar
3929	Cape Runaway (M)	37 32.32 177 59.10	FI W 5s		57	9	White fibreglass tower 3	fl 1, ec 4
3930	Matakaoa Point (M)	37 33.39 178 18.90	FI(4)W 20s		20	8	White metal tower 4	(fl 0.5, ec 1.5) x 3, fl 0.5, ec 13.5 W 105°-303° (198°)
Square.								
EAST COAST								
3932	<b>East Cape (M)</b>	37 41.34 178 32.89	FI W 10s		155	19	White metal tower 14	fl 0.1, ec 9.9 W (Obscured) 111°- 140° (29°) W 140°-143° (3°) W (Obscured) 143°- 153° (10°) W (Partially obscured) 153°- 026° (233°) Partially obscured by East Island (Whangaokeno Island)
Round.								
3950	<b>Gable End Foreland Light (M)</b>	38 31.49 178 17.38	FI W 15s		210	19	White metal tower 4	fl 0.1, ec 14.9
TŪRANGA-A-KIWA / POVERTY BAY								
3954	Tuaheni Point (M)	38 42.07 178 03.93	LFI W 8s		128	10	White metal column 4	fl 2, ec 6
Column.								
3958	Gisborne Harbour Waikanae Beach Dir Lt 330°.	38 40.49 177 59.26	Dir F WRG		11	9	White pile beacon 11	F G 324°-329° (5°) F W 329°-331° (2°) F R 331°-336° (5°) AIS AtoN, MMSI 995121038. G 315°-329° (14°) R 331°-358° (27°)
F GR								
3958.15	Airport	38 39.71 177 58.90	Aero FI W 5s				Tower	Occas
3962	South Breakwater Head	38 40.68 178 01.11	Iso G 3s		6	4	Green metal tower	fl 0.3, ec 2.7 G (Obscured) 236°- 349° (113°) G 349°-236° (247°)
3962.15	South end Butlers Wall	38 40.57 178 01.18	Iso R 3s		6	4	Red beacon 4	Tripod tubular structure
3966	<b>BUM 8</b> Ldg Lts 054° 31'. Front	38 40.37 178 01.60	F Bu		8.5	19	Orange $\triangle$ Black metal pile beacon 8.5	

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3966.1	BUM 9 Ldg Lts Rear	38 40.28 178 01.76		F Bu		19	Orange ▽ Black and orange vertical stripes metal tower 11	Framework tower
3967		38 39.07 177 57.61		Aero FI Y 1.5s	21	5	Tower	Occas
3967.4		38 40.36 177 56.78		Aero F R			Tower	Occas
3969	Kahutara Point (M)	39 06.83 177 59.76		FI(3)W 20s	188	9	White tower 3	(fl 1, ec 1) x 2, fl 1, ec 15 W (Partially obscured) 028°-031° (3°) May be obscured by Portland Island. W 031°-028° (357°) Round.
3970	Portland Island. S end (M)	39 18.22 177 52.04		FI W 15s	97	9	White metal tower 4	fl 1, ec 14
NAPIER HARBOUR								
3980.5		39 26.21 176 52.03		Aero Oc R 1.5s	8		Beacon	Obstruction Occas
3981	Westshore	39 27.47 176 52.31		FI WRG 10s	15	W16 R13 G13	White metal tower 13	fl 0.3, ec 9.7 W 228°-248° (20°) R 248°-272° (24°) G 272°-278.3° (6.3°) R 281.6°-287.6° (6°)
	South Pania Channel Dir Lt 280°.			Dir F WRG		14	White metal tower 13	F G 278.25°-279.5° (1.25°) F W 279.5°-280.5° (1°) F R 280.5°-281.75° (1.25°)
				By day		4		
3981.2	Tareha Street Dir Lt	39 28.80 176 53.23		Dir F WRG	14	14	Grey concrete pole 14	F G 218°-219° (1°) F W 219°-220.5° (1.5°) F R 220.5°-221.5° (1°)
				By day		4		
3981.5	East Pier Dir Lt	39 28.66 176 53.75		Dir Oc WRG 10s	10	11	Blue tower 10	ec 2, fl 8 Oc G 202.1°-204.4° (2.3°) Oc W 204.4°-205.6° (1.2°) Oc R 205.6°-209.6° (4°) AIS AtoN, MMSI 995121067
				By day		3		
				Iso R 4s		6		
3981.6	Western Entrance	39 28.69 176 53.66		FI(5)G 20s	4	4	Green wooden pile beacon 4	AIS AtoN, MMSI 995121068
3981.7	Inner Harbour Dir Lt	39 29.13 176 53.56		Dir F WRG	6	7	Yellow ◇ Yellow metal tower 4	F G 186.8°-191.5° (4.7°) F W 191.5°-191.9° (0.4°) F R 191.9°-196.6° (4.7°)
				By day		1		
3982.5	Approach Dir Lt 183°.	39 28.67 176 54.53		Dir F GYWR	7	11	White tower 4	F Y 179°-181° (2°) F G 181°-182° (1°) F W 182°-184° (2°) F R 184°-189° (5°)
3982.72	Green Lead Ldg Lts 171° 48'. Front	39 28.48 176 54.69		F G	20	9	Green △ Yellow pile beacon 20	Strip lights
3982.721	Rear Green Lead	39 28.60 176 54.72		F G	25	9	Green ▽ Grey 30	Strip lights
3982.9	Ldg Lts 158° 02'. Front	39 28.50 176 54.94		F Bu	34	1	Tower, floodlit	Neon
3982.91	Ldg Lts Rear	39 28.63 176 55.01		F Bu	34	1	Tower, floodlit	Neon
3983	Breakwater Harbour Ldg Lts 168°. Front	39 28.46 176 54.80		F R	22	9	Red △ Grey pole 31	Strip lights
3983.1	Breakwater Harbour Leading Lights Rear	39 28.63 176 54.85		F R	25	9	Red ▽ Yellow pole 25	Strip lights
3983.15	Inner Directional Light Dir Lt	39 28.43 176 55.33		Dir AI WRG	28	2	Tower, floodlit	F G 094°-102° (8°) AI WG 102°-107° (5°) F W 107°-116° (9°) AI WR 116°-121° (5°) F R 121°-129° (8°)

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3983.2	Breakwater	39 28.17 176 55.20		VQ(2)W 5s	12	5	White mast 9	fl 0.3, ec 0.3, fl 0.3, ec 4.1
3983.25	Tower Ldg Lts Rear	39 28.53 176 55.31		F Bu	34	1	Tower, floodlit	Neon
3983.3	Mole Head Ldg Lts Front	39 28.24 176 54.93		Oc R 3s	9	4	White metal tower 7	ec 0.5, fl 2.5
INNER HARBOUR								
3990	Lts in line 245° 49'. Front	39 35.24 176 56.24		F R	7	10	Orange $\triangle$ Pile beacon	Neon $\square$
3990.1	Rear	39 35.27 176 56.15		F R	10	10	Orange $\triangle$ White pole	Neon $\square$
3991	Clifton Ldg Lts 212° 16'. Front	39 38.41 177 00.41		F W	5	3	Red $\triangle$ Concrete pole 5	
3991.1	Ldg Lts Rear	39 38.42 177 00.40		F W	8	3	Red $\nabla$ Concrete pole 8	
3992	Cape Kidnappers / Te Kauwae-a-Māui (M)	39 38.71 177 05.47		FI(2)W 15s	112	8	White metal tower	fl 1, ec 2, fl 1, ec 11
3993	Blackhead Point (M)	40 13.03 176 47.22		FI(2)W 10s	41	9	White metal tower 4	fl 1, ec 1, fl 1, ec 7
3994	Castlepoint (M)	40 54.02 176 13.88		FI(3)W 30s	52	19	White metal tower 23	fl 0.2, ec 2, fl 0.3, ec 2, fl 0.2, ec 25.3 W 209°-029° (180°)
	Reserve light			FI(3)W 30s		10		
3998	Honeycomb (M)	41 20.62 175 49.65		LFI W 10s	57	10	White metal tower 4	fl 2, ec 8
4000	Cape Palliser (Matakitakiakupe) (M)	41 36.72 175 17.40		FI(2)W 20s	78	26	White and red horizontal stripes, metal tower 18	Concrete base.
	Reserve light			FI(2)W 20s		10		
WELLINGTON HARBOUR (PORT NICHOLSON)								
4004	Baring Head/Ōrua-pouanui (M)	41 24.50 174 52.27		Oc W 15s	87	14	White concrete tower 12	ec 6, fl 9 W (Obscured) 169°- 192° (23°) W (Obscured) 296°- 301° (5°) W 301°-169° (228°)
4006	Pencarrow Head	41 21.56 174 50.87		FI(3)WR 12s	18	W12 R10	White concrete tower 17	(fl 1, ec 2) x 2, fl 1, ec 5 W 000.5°-081° (80.5°) R 081°-176.5° (95.5°) W 176.5°-187.5° (11°)
4007	Lyll Bay	41 20.40 174 47.46		Aero Oc R			Tower	
4007.4		41 20.41 174 48.74		Aero Oc R			Tower	
4010	Main Entrance. Ldg Lts 016° 24'. Front	41 19.06 174 51.35		Q W	7	21	White tower 4	Black metal pile structure
	Reserve light			W		19		Standby light
	Reserve light			W		16		Emergency light
4010.1	Hope Shoal. Ldg Lts Rear	41 17.79 174 51.85		Iso WRG 4s	17	W22 R8 G11	Orange and yellow horizontal stripes, metal pile beacon	W (Intensified) 014°-019° (5°) W 019°-123° (104°) W (Intensified) 123°-124° (1°) G (Intensified) 124°-133° (9°) G 133°-183° (50°) W 183°-218° (35°) R 218°-357° (139°) W 357°-014° (17°) Stripes on seaward side of cylinder W (Intensified) 014°-019° (5°) Intensified on request
				By day Iso W 4s		4		
4010.2	Hinds Point. Ldg Lts 168°. Rear	41 20.13 174 51.65		Iso W 2s	9.3	10	White tower 6	W 165°-170° (5°)
4011	Steeple Rock	41 19.46 174 50.74		Iso WR 6s	7	W9 R8	Red and white horizontal stripes, tower	W 133°-190° (57°) R 190°-015° (185°)
4012	Falcon Shoals	41 18.26 174 51.02		FI R 3s	6	3	Red and white horizontal stripes, pile beacon	
4013	Seatoun Wharf	41 19.12 174 49.82		F R	6		Pole 3	Neon
4014	Matiu/Somes Island, S side	41 15.58 174 51.82		LFI W 10s	29	7	White tower	fl 4, ec 6 W 314°-107° (153°)

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4018	Point Halswell	41 17.04 174 49.57		Fl W 3s	8	15	Black and white squared, concrete tower 6	<i>fl 0.3, ec 2.7</i> W (Obscured) 024°- 070° (46°) W 070°-294° (224°) W (Obscured) 294°- 337° (43°)
4019.6	Evans Bay	41 18.61 174 48.43		Q G	3	5	Black pile beacon	
4020	Burnham Wharf. Head	41 18.61 174 48.72		2 F G(vert)	9		Pole	Top light 9m, Bottom light 7m
4021	Miramar Wharf. Head	41 18.80 174 48.65		2 F R(vert)	9		Pole	Top light 9m, Bottom light 7m
4021.4	Off Breakwater head	41 18.70 174 48.03		Q G	3	2	Pile beacon	
4021.5	N pier	41 18.68 174 47.96		F R			Metal mast	Neon □
4021.6	Middle pier	41 18.72 174 47.96		F R			Metal mast	Neon □
4021.7	S Pier	41 18.75 174 47.94		F R			Metal mast	Neon □
4022	Dir Lt 184° 30'.	41 19.00 174 48.41		Dir Iso WRG 4s	8	4	Grey pole 5	Iso G 180°-182° (2°) Iso W 182°-187° (5°) Iso R 187°-189° (2°) on request to Centreport Occas
LAMBTON HARBOUR								
4024	Point Jerningham	41 17.06 174 48.21		Q R	6	5	White pile beacon 4	Red Lts on radio mast .8M SSW
4030	Boat Harbour. E side	41 17.40 174 47.26		Q R	3	3	Orange metal mast 2	<i>fl 0.1, ec 0.9</i>
4032	Chaffers Marina	41 17.31 174 46.98		Fl R 5s		3	Wooden pile beacon	<i>fl 1, ec 4</i>
4032.1		41 17.36 174 46.99		Fl G 5s	3	3	Wooden pile beacon	<i>fl 1, ec 4</i>
4035	Queens Wharf. Head S end. Inner	41 17.14 174 46.80		F R			Pole	SW corner on wharf
4036	Queens Wharf Head S end. Outer	41 17.14 174 46.82		F R			Pole	SE corner of wharf
4043	Kings Wharf	41 16.94 174 47.07		Iso G 3s	6	4	Pile beacon	
4045	Thorndon Container Terminal. Off SE end	41 16.89 174 47.42		Oc G 3s	6	4	Pile beacon	<i>ec 1, fl 2</i> Ra refl
4052	Rail Road Ferry Terminal. No. 1	41 15.96 174 47.23		F R	3		Pole	
4052.2	No. 2	41 15.98 174 47.28		F R	3	3	Pole	
4053	Berthing light	41 15.97 174 47.27		Q R	10	3	White metal mast 6	<i>fl 0.1, ec 0.9</i>
4054	Port Nicholson. Days Bay Wharf. Head	41 16.84 174 54.30		2 F R(hor) 2 F GW(vert)	6 7	1	Pole	White light has a HEIGHT of 6m
4055	Seaview Wharf. Head S end	41 15.54 174 53.93		2 F G(vert)				
4056.2	Seaview Marina Sector Light	41 15.16 174 54.18		F WRG	4	1	Grey metal pole	G 130°-135° (5°) W 135°-138° (3°) R 138°-143° (5°)
4057	Seaview Marina	41 15.00 174 54.04		Fl W 5s	5	4	Wooden mast 4	<i>fl 0.3, ec 4.7</i>
4057.2		41 15.06 174 54.07		Q(2)R 5s			Wooden pile beacon 2	
4057.4		41 15.09 174 54.07		Q(2)G 5s	2		Wooden pile beacon 2	
4057.5	S Breakwater head	41 15.10 174 54.06		Q(2)G 5s	5	2	Wooden mast 4	<i>fl 0.4, ec 0.6, fl 0.4, ec 3.6</i>
4057.6	N Breakwater Head	41 15.08 174 54.12		Q(2)R 5s	5	2	Wooden mast 4	<i>fl 0.4, ec 0.6, fl 0.4, ec 3.6</i> R (Faint) 071.7°-078.8° (7.1°) R 078.8°-294.6° (215.8°) R (Faint) 294.6°-326.4° (31.8°) R (Obscured) 326.4°- 071.7° (105.3°)
4058	Petone Wharf. Head	41 13.81 174 52.19		2 F R(vert)	9	4	Pole	Bottom light HEIGHT 7m

**NORTH ISLAND**

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>COOK STRAIT</b>								
<b>4061</b>	Island Bay. Ldg Lts 012° 18'. Front	41 20.65 174 46.27	F R				Pole	Occas
<b>4061.1</b>	Island Bay. Rear	41 20.63 174 46.28	F R				Pole	Occas
<b>4062.1</b>	Tongue Point (M)	41 20.38 174 39.62	FI WR 4s		44	W9 R6	White metal tower 4	<i>fl 0.8, ec 3.2</i> W 012°-139.3° (127.3°) R 297.4°-012° (74.6°)
<b>4063</b>	Oteranga. S Limit	41 19.08 174 38.12	FI(3)WR 20s		90	W7 R4	White $\Delta$ White and orange vertical stripes, beacon	<i>(fl 1.5, ec 0.5) x 2, fl 1.5, ec 14.5</i> R 058°-148° (90°) W 328°-058° (90°) More than one beacon
<b>4063.4</b>	Oteranga. N Limit	41 17.70 174 37.10	LFI WR 20s		25	W8 R5	White $\Delta$ White and orange vertical stripes, beacon	<i>fl 5, ec 15</i> R 017°-107° (90°) W 107°-197° (90°) More than one beacon
<b>4066.2</b>	Ohau Point (M)	41 14.35 174 38.72	FI(2)W 15s		104	8	White metal tower 4	<i>fl 1, ec 2, fl 1, ec 11</i> W (Obscured) 033°- 094° (61°) W 094°-318° (224°) Visibility 94° to shore
<b>TE AWARUA-O-PORIRUA HARBOUR</b>								
<b>4066.3</b>	Tawhitikuri / Goat Point. Mana. Dir Lt 100° 06'.	41 05.33 174 52.00	Dir Oc WRG 2.5s				White $\Delta$ Column	<i>ec 0.8, fl 1.7</i> Oc G 092.4°-099° (6.6°) Oc W 099°-101.1° (2.1°) Oc R 101.1°-131.6° (30.5°)
<b>4066.4</b>	Paremata Dir Lt 171° 24'.	41 06.40 174 51.93	Dir Oc WRG 2.5s				Column	<i>ec 0.8, fl 1.7</i> Oc G 170.1°-171.2° (1.1°) Oc W 171.2°-171.8° (0.6°) Oc R 171.8°-173° (1.2°)
<b>4066.5</b>		41 05.96 174 51.82	FI(4)G 6s		4	1	Green $\Delta$ Green pile beacon 4	
<b>4066.6</b>	Mana Marina. N breakwater. Head	41 06.07 174 51.96	FI R 3s		4	1	Grey metal pole 3	<i>fl 0.5, ec 2.5</i>
<b>4066.7</b>	S breakwater. Head	41 06.08 174 51.96	FI G 3s		4	1	Grey metal pole 3	<i>fl 0.5, ec 2.5</i>
<b>4066.8</b>		41 05.71 174 51.77	FI G 2s		4	1	Green $\Delta$ Green pile beacon 4	
<b>4067</b>	<b>Paraparaumu</b>	40 54.09 174 59.51	Aero FI W 3.5s		24	<b>15</b>	Tower	Shown sunset to 2200 Occas
<b>4068</b>	Waikanae	40 51.85 175 01.12	Iso G 6s		6	5	Beacon	G 060°-216° (156°)
<b>WHANGANUI HARBOUR</b>								
<b>4072</b>	<b>Whanganui Airport</b>	39 57.58 175 01.53	Aero FI W 4s		39	<b>15</b>		Occas
<b>4076</b>	Centre	39 56.77 174 59.12	FI R 2s		9	4	Red and white $\square$ , squared Mast 7	<i>fl 0.5, ec 1.5</i>
<b>4078</b>	North Head, Bar. Ldg Lts 059°. Front	39 56.70 174 59.41	F R		16		Black X White pile beacon	Neon $\square$ Moved as necessary to mark channel over the bar. Traffic signals.
<b>4078.1</b>	North Head, Bar. Rear	39 56.67 174 59.47	F R		23		White and black border stripe O White and black vertical stripes, pile beacon	Neon $\square$ Triangular
<b>4081</b>	Wharves	39 56.72 174 59.39	2 F WR(vert)		2	1	Pile beacon	On wharf pile
<b>4082</b>	Te Anau hulk	39 56.76 174 59.55	Q G		6	2	Beacon	On fo'c'sle head of hulk
<b>4084</b>	Patea River. Entrance E side	39 46.27 174 29.48	FI W 3s		41	7	White column 5	<i>fl 0.3, ec 2.7</i> W (Obscured) 110.5°- 133° (22.5°) W (Obscured) 299°- 310.5° (11.5°) W 310.5°-110.5° (160°)
<b>4084.5</b>	Kupe Platform	39 51.06 174 07.20	Aero Mo(U)WR 15s Horn (U) 30s		24	10	Production platform	Shown on each corner of the platform. Morse

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4084.6	Maari Wellhead Platform	39 59.15 173 17.63		Mo(U)W 15s  Horn (U) 30s	27	10		(fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7 At SE & NW corners of platform. (bl 0.75, si 1) x 2, bl 2.5, si 24 Morse
4084.75	FPSO Raroa	39 58.36 173 17.86		Mo(U)W 15s  Mo(U)R 15s  Horn (U) 30s		10	FPSO 20	(fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7 Shown on forward mast (fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7 Shown on the port & starboard bridge wings (bl 0.75, si 1) x 2, bl 2.5, si 24 Morse
4085	Oaonui - Prohibited Anchorage Area. S Limit	39 25.61 173 49.25		Iso WR 6s	37	W12 R10	Black and white stripes (direction unknown), metal 11	R 062°-137° (75°) W 347°-062° (75°)
4086	Oaonui - Prohibited Anchorage Area. N Limit	39 22.09 173 46.88		F WR	29	W12 R10	Black and white stripes (direction unknown), metal 11	W 057°-132° (75°) R 342°-057° (75°)
4087	Gas Production Platform Maui A	39 33.28 173 26.95		Aero Mo(U)WR 15s Horn (U) 30s	27	10	Production platform	(fl 0.4, ec 0.5) x 2, fl 1.2, ec 12  (bl 0.7, si 1) x 2, bl 2.5, si 24.1 Morse.
	Pipeline marker light.			Oc(2)R 6s	49	11		ec 1, fl 1, ec 1, fl 3 R 226.5°-256.5° (30°) On NE side.
	Pipeline marker light.			Oc R 10s	21	5		ec 4, fl 6 R 038°-060° (22°) On SW side.
4087.5	<b>Maui B</b>	39 38.72 173 19.01		Aero Mo(U)WR 15s Horn (U) 30s	18	15	Production platform	(fl 1, ec 1) x 2, fl 3, ec 8 At N & S corner (bl 0.7, si 1) x 2, bl 2.5, si 24.1 Morse On NE side.
	Pipeline marker light.			Fl(3)R 10s	19	5		R 208.5°-252° (43.5°) On NE side.
4087.8	FPSO Umuroa	39 25.66 173 14.21		Mo(U)W 15s  Mo(U)W 15s  F R  Horn (U) 30s	43  40  39	10  10  2	FPSO	(fl 1, ec 1) x 2, fl 3, ec 8 Shown on main mast and turret at bows (fl 1, ec 1) x 2, fl 3, ec 8 Shown on main mast and turret at bows Shown on flare tower and funnel (bl 0.7, si 1) x 2, bl 2.5, si 24.1 Morse
4088	<b>Cape Egmont (M)</b>	39 16.50 173 45.21		Fl W 8s	33	19	White metal tower 20	fl 0.1, ec 7.9 W (Obscured) 200°- 210° (10°) W (Obscured) 342°- 352° (10°) W 352°-200° (208°)
4089	Puniho (M)	39 11.58 173 47.51		Fl(3)W 10s	8	9	White metal tower 4	(fl 0.5, ec 1.5) x 2, fl 0.5, ec 5.5
PORT TARANAKI								
4091	<b>Airport (New Plymouth)</b>	39 00.55 174 10.84		Aero Fl W 3.7s	42	15	Tower 15	fl 0.2, ec 3.5 Occas
4092	Breakwater. Head	39 03.04 174 02.53		Fl G 2s	13	10	Green metal mast 6	fl 0.4, ec 1.6
4092.8	Lee Breakwater. Head	39 03.30 174 02.68		Q(4)R 6s	13	5	Red metal mast 9	(fl 0.5, ec 0.5) x 3, fl 0.5, ec 2.5
4093	Port Taranaki Ldg Lts 197° 16'. Front	39 03.65 174 02.51		VQ R	9	R12 R5	Orange O Orange lattice beacon	R strip light 1m long Pyramid beacon.
4093.1	Port Taranaki Leading Rear	39 03.72 174 02.48		VQ R	20	R5 R12	Orange O Orange lattice beacon	R strip light 1m long Pyramid beacon. 135m from front
4093.3	Turning Basin Centre	39 03.14 174 02.29		Fl Y 5s	4	1	White pole 1	Y 280°-063° (143°)
4094	Moturoa Wharf Light. Ldg Lts 242° 47'. Front	39 03.41 174 01.90		VQ W	8	4	Orange △ Orange pole 4	Lts in Line, with rear light, to indicate channel limit.
4094.1	Moturoa Wharf Rear	39 03.43 174 01.84		VQ W	20	4	Orange metal tower 7	88 from front
4094.5	Blyde Wharf light. Ldg Lts 247° 31'. Front	39 03.44 174 01.98		VQ G	15	3	Orange △ Green pole	Lts in Line, with rear light, to indicate channel limit.



## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4094.51	Blyde Wharf Rear	39 03.45 174 01.94		VQ G	20	3	Orange $\triangle$ 12	62m from front
4095	Breakwater Berth Ldg Lts 285° 06'. Front	39 03.28 174 02.08		VQ R	18	3	Red metal pole 12	Mast
4095.1	Breakwater Berth Rear	39 03.26 174 02.00		VQ R	24	3	Red metal pole 18	Mast. 115m from front
4095.2	Port Taranaki Marina	39 03.42 174 02.83		Q R	4		Grey pile beacon 4	Steel
4095.5	Waitara River. Entrance - Directional Light Dir Lt	38 59.86 174 14.17		Dir F WRG	13	W8 R6 G6		F R 146.9°-151.3° (4.4°) F W 151.3°-152.1° (0.8°) F G 152.1°-156.4° (4.3°) Shed. CAUTION: Vessels should not attempt to enter without recent local knowledge.
4095.8	Pohokura B	38 54.70 174 16.30		Horn (U) 30s 3 Mo(U)R 15s	24 24	10 4	Production platform	(bl 0.7, si 1) x 2, bl 2.5, si 24.1 Morse (fl 1, ec 1) x 2, fl 3, ec 8
TAHAROA								
4096	Ironsand Terminal	38 09.94 174 42.30		LFI(2)W 20s	36	12	Red and white horizontal stripes, tower 12	fl 2, ec 4, fl 2, ec 12
4097	Prohibited Anchorage Area. S Limit. Lts in line 081° 30'. Front	38 10.72 174 42.38		F R	3	3	White and red stripes (direction unknown), beacon	Neon $\square$ Rectangular
4097.5	Prohibited Anchorage Area. S Limit. Rear	38 10.71 174 42.43		F R	4	3	White and red stripes (direction unknown), beacon	Neon $\square$ Rectangular
4098	Prohibited Anchorage Area. N Limit. Lts in line 090°. Front	38 10.00 174 42.16		F R	3	3	White and red stripes (direction unknown), beacon	Neon $\square$ Rectangular beacon
4098.5	Prohibited Anchorage Area. N Limit. Rear	38 10.00 174 42.27		F R	6	3	White and red stripes (direction unknown), beacon	Neon $\square$ . 160m from front. Rectangular beacon
4099	Taharoa Offshore Terminal	38 10.59 174 39.91		Fl W 5s		6	SPM Orange buoy	fl 1, ec 4 Ra refl AIS AtoN, MMSI 995121026
KAWHIA HARBOUR								
4101		38 05.63 174 47.57		Q W	7	5	White $\diamond$ White and yellow horizontal stripes, pole	fl 0.2, ec 0.8 Dangerous to use in line with K4101.1 for crossing the bar. Vessels should not attempt to enter without recent local knowledge.
4101.1		38 05.75 174 47.81		Iso W 4s	11	5	White $\diamond$ White and yellow horizontal stripes, beacon	See K4101 Dangerous to use in line with K4101 for crossing the bar. Vessels should not attempt to enter without recent local knowledge.
WHAINGAROA HARBOUR								
4104	Putoetoe Point. Ldg Lts 089° 18'. Front	37 48.05 174 51.76		F R	7	12	Orange and white border stripe $\triangle$ Beacon 7	Caution: Vessels should not attempt to enter without recent local knowledge.
4104.1	Putoetoe Point. Middle.	37 48.04 174 52.04		F R	13	12	Orange and white border stripe $\triangle$ Beacon	
4104.2	Putoetoe Point. Rear. Dir Lt	37 48.04 174 52.39		Dir F WRG	26	W22 R20 G20	Orange and white border stripe $\diamond$ Beacon 8	Alignment of white sector may be altered to indicate deepest water.
4104.3		37 47.94 174 51.96		F R	3	1	Red $\square$ Red wooden pole	
MANUKAU HARBOUR								
4107	Ninepin Rock	37 03.02 174 30.19		Fl(4)W 30s	29	14	1	(fl 0.1, ec 4.9) x 3, fl 0.1, ec 14.9 Ra refl Pedestal
4108	Manukau Heads	37 03.07 174 32.72		Oc W 6s	234	12	White wooden	ec 2, fl 4 W 028°-130° (102°) W (Obscured) 130°- 238° (108°)

## NORTH ISLAND

Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4109	Papakura Channel No.2 Dir Lt	37 01.48 174 40.07		Dir FI WR	4	7	Red □ Red metal pile beacon	W 077.5°-079° (1.5°) White phase increasing with bearing. F W 079°-081° (2°) WR 081°-082.5° (1.5°) Red phase increasing with bearing. Tripod <i>fl 0.3, ec 0.7</i>
4110	1	37 02.37 174 40.80		Q R Q G	6 4	3	Green △ Green metal pile beacon	<i>fl 0.3, ec 0.7</i>
4110.01	Grahams Beacon	37 03.40 174 40.85		FI R 2s	3	2	Red □ Red wooden pile beacon	
4110.03	Kauritutahi	37 05.01 174 39.94		FI R 8s	3	2	Red □ Red wooden pile beacon	
4110.05	Matakawau Point Light	37 06.36 174 40.12		FI G 2s	12	2	Wooden pole 4	
4110.06	Kellys Landing	37 07.25 174 40.70		FI R 6s	3	2	Red □ Red wooden pile beacon	
4110.07	Tokaroa Point Light	37 08.44 174 40.90		FI G 4s	3	2	Metal pole 3	
4110.085	Waiau Pa	37 09.04 174 42.25		FI R 6s	4	2	Red wooden pile beacon 4	
4110.1	4	37 01.91 174 42.15		FI R 2s	5	3	Red □ Red metal pile beacon	<i>fl 0.5, ec 1.5</i>
4110.2	6	37 01.96 174 43.52		FI R 4s	4	3	Red □ Red metal pile beacon	<i>fl 1, ec 3</i>
4110.3	8	37 02.14 174 45.20		FI R 2s	4	3	Red □ Red metal pile beacon	<i>fl 0.5, ec 1.5</i>
4110.33	1A	37 02.47 174 45.58		FI G 2s	3	3	Green △ Green wooden pile beacon	
4110.38	8A	37 01.81 174 46.67		FI R 6s	3	3	Red □ Red wooden pile beacon	
4110.4	No.3	37 02.16 174 46.71		FI G 6s	4	3	Green △ Green metal pile beacon	<i>fl 0.5, ec 5.5</i>
4110.45	3A	37 02.09 174 47.48		FI(2)G 5s	3	3	Green △ Green wooden pile beacon	
4110.5	5	37 02.12 174 47.93		Q G	4	3	Green △ Green metal pile beacon	<i>fl 0.3, ec 0.7</i>
4110.6	10	37 01.89 174 47.96		Q R	4	3	Red □ Red metal pile beacon	<i>fl 0.3, ec 0.7</i>
4110.7	7	37 02.24 174 49.03		Q G	3	3	Green △ Green metal pile beacon	<i>fl 0.3, ec 0.7</i>
4110.8	9	37 02.38 174 49.53		FI G 4s	4	3	Green △ Green metal pile beacon	<i>fl 1, ec 3</i>
4110.9	Te Pua Point	37 03.29 174 51.78		FI R 4s	5	2	Red wooden pile beacon 5	
4110.95	Weymouth	37 03.16 174 51.32		FI R 2s	4	2	Red wooden pile beacon 4	
4111	LPG Terminal North West End Light	37 02.18 174 49.67		Q W	2	1	Beacon	
4111.1	LPG Terminal South East End Light	37 02.21 174 49.70		Q W	2	1	Beacon	
4111.2	LPG Terminal North West Dolphin	37 02.18 174 49.65		Q W	3	1		
4111.3	LPG Terminal South East Dolphin	37 02.21 174 49.72		Q W	3	1		
4111.4	Pipe Terminal Platform Light	37 02.19 174 49.68		Q W	2	1	Pole	
4111.5	Service Platform South West Side Light	37 02.19 174 49.67		2 F R(vert)	7	1	Pole 5	Height of second light is 5m
4111.6	Service Platform North West Corner Light	37 02.19 174 49.66		Q W	2	1	Pole	
4112	Airport Prohibited Anchorage Area South West Corner Light	37 01.39 174 45.22		Q Y	2	4	Pole	

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4112.4		37 00.32 174 48.65		F W			Beacon	
4113	Auckland International Airport Light	37 00.38 174 47.35		Aero Fl W 4s	38		Tower	Occas
4113.3	McLaughlins Mount Light	37 00.81 174 50.76		Aero Oc R 2s	77		Tower	
4114	Puketutu Island	36 57.64 174 43.70		Q W	5	2	Tower	
4115	Lawry Point	36 59.44 174 37.01		Fl W 5s	6	5	Red and white horizontal stripes, metal pile beacon	<i>fl 1, ec 1, fl 1, ec 2</i> Column
WAIROPA CHANNEL								
4116.15	Alpha	37 00.82 174 36.58		Fl R 3s	2	2	Red □ Red metal pile beacon 2	
4116.2	Wairopa Channel No.3	37 00.68 174 36.71		Fl(3)G 6s			Green △ Green metal pile beacon	
4116.25	Wairopa Channel No.5	37 00.43 174 36.74		Q(4)G 6s	2	2	Green △ Green metal pile beacon 2	
4116.3	Wairopa Channel No.7	37 00.08 174 36.92		Fl G 3s			Green △ Green metal pile beacon	
4116.31	Wairopa Channel No.9	36 59.63 174 37.72		Oc G 3s	2	2	Green △ Green metal pile beacon 2	
4116.32	Wairopa Channel No.11	36 58.97 174 38.38		Fl(2)G 4s	2	2	Green △ Green metal pile beacon 2	
4116.33	Wairopa Channel No.2	36 58.16 174 38.97		Fl(2)R 5s	2	2	Red □ Red metal pile beacon 2	
4116.34	Wairopa Channel No.13	36 57.49 174 40.06		Fl(3)G 6s			Green △ Green metal pile beacon	
4116.35	Wairopa Channel No.4	36 57.38 174 39.92		Fl(3)R 6s	2	2	Red □ Red metal pile beacon	
4116.36	Wairopa Channel No.15	36 57.29 174 40.37		Q(4)G 3s			Green △ Green metal pile beacon	
4116.37	Wairopa Channel No.6	36 57.21 174 40.36		Q(4)R 6s	2	2	Red □ Red metal pile beacon 2	
4116.38	Wairopa Channel No.15A	36 57.29 174 41.08		Fl G 3s	2	2	Green △ Green metal pile beacon 2	
4116.4	Wairopa Channel No.8	36 57.21 174 41.08		Fl R 3s			Red □ Red metal pile beacon	
4116.45	Wairopa Channel No.17	36 57.24 174 41.38		Fl(2)G 5s	2	2	Green △ Green metal pile beacon 2	
4116.5	Wairopa Channel No.10	36 57.16 174 41.32		Fl(2)R 5s			Red □ Red metal pile beacon	
4116.6	Wairopa Channel No.10A	36 56.91 174 41.66		Fl(3)R 6s	2	2	Red □ Red metal pile beacon 2	
4116.65	Wairopa Channel No.12	36 56.65 174 41.97		Q(4)R 6s	2	2	Red □ Red metal pile beacon 2	
4116.7	Wairopa Channel No.19	36 56.71 174 42.06		Q(4)G 6s	2	2	Green △ Green metal pile beacon 2	
4116.75	Wairopa Channel No.21	36 56.51 174 42.40		Oc G 6s	2	2	Green △ Green metal pile beacon 2	
4116.76	Wairopa Channel No.14	36 56.45 174 42.38		Oc R 6s	2	2	Red □ Red metal pile beacon 2	

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Int. K No.	Location - Name	Lat Long	S E	Characteristics	Elevation metres	Range miles	Structure Height in metres	Remarks
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
4116.77	Wairopa Channel No.23	36 56.46 174 42.74		FI G 5s	2	2	Green $\triangle$ Green metal pile beacon 2	
4116.78	Wairopa Channel No.16	36 56.40 174 43.04		FI R 6s	2	2	Red $\square$ Red metal pile beacon 2	
4116.79	Wairopa Channel No.25	36 56.51 174 43.67		Q(4)G 6s	2	2	Green $\triangle$ Green metal pile beacon 2	
4116.8	Wairopa Channel No.18	36 56.44 174 43.67		FI(4)R 6s			Red $\square$ Red metal pile beacon	
4117	Wairopa Channel No.27	36 56.28 174 44.23		Q G	2	1	Green $\triangle$ Green wooden pile beacon	
4117.1	Wairopa Channel No.29	36 56.20 174 44.63		FI G 4s	2	1	Green $\triangle$ Green wooden pile beacon	<i>fl 1.5, ec 2.5</i>
4117.2	Wairopa Channel No.31	36 56.16 174 45.12		Q G	2	1	Green $\triangle$ Green wooden pile beacon	
4117.3	Wairopa Channel No.33	36 56.09 174 45.70		Oc G 6s	2		Green $\triangle$ Green pile beacon	
4117.4	Wairopa Channel No.20	36 56.02 174 45.69		Oc R 6s	2	2	Red $\square$ Red wooden pile beacon	<i>ec 2, fl 4</i>
4117.45	Wairopa Channel No.35	36 56.02 174 45.93		Q G	2		Green $\triangle$ Green pile beacon	
4117.5	Wairopa Channel No.20A	36 55.97 174 46.02		Q R	2	2	Red $\square$ Red metal pile beacon 2	
4117.6	Wairopa Channel No.37	36 56.02 174 46.18		FI G 4s	2	1	Green $\triangle$ Green wooden pile beacon	<i>fl 1.5, ec 2.5</i>
4117.7	Wairopa Channel No.39	36 56.09 174 46.49		Q G	2	1	Green $\triangle$ Green wooden pile beacon	
4117.8	Wairopa Channel No.22	36 56.04 174 46.50		Q R	2	1	Red $\square$ Red wooden pile beacon	
4117.9	Wairopa Channel No.24	36 56.05 174 46.72		FI R 4s	2	1	Red $\square$ Red wooden pile beacon	<i>fl 1.5, ec 2.5</i>
4118	Wairopa Channel Reef Beacon	36 56.11 174 46.77		FI G 4s	4	2	Green $\triangle$ Green wooden pile beacon	
4119	Wairopa Channel Onehunga. Wharf. W end	36 55.99 174 46.96		F R	5	3		Shed A
4119.5	Wairopa Channel Silt deflector, Head	36 55.99 174 46.87		Q R	2		Red $\square$ Red pile beacon	
4122	<b>Piha (M)</b>	36 58.22 174 28.06		FI W 15s	266	20	White concrete tower 5	<i>fl 0.1, ec 14.9</i>
<b>KAIPARA HARBOUR</b>								
4130	Pouto Point	36 21.75 174 10.87		FI W 5s	6	6	White tower 4	<i>fl 0.3, ec 4.7</i>
4132	South Head	36 25.72 174 14.14		FI W 7.5s	41	8	White tower 4	<i>fl 0.5, ec 7</i> Round
4133		36 29.16 174 19.43		Iso G 5s	2	5	Green $\triangle$ Green wooden pole 2	<i>fl 2.5, ec 2.5</i>
4134	Kaipara River Shelly Beach E side of channel	36 31.01 174 22.68		FI WR 10s	6	W4 R2	Red concrete pile beacon 2	<i>fl 0.5, ec 9.5</i> R 082°-123° (41°) W 123°-082° (319°) round concrete base
4135		36 35.97 174 23.07		FI G 6s	2	2	Green $\triangle$ Green wooden pole 2	<i>fl 1.5, ec 4.5</i>
4136	Helensville	36 36.81 174 24.19		FI G 4s	4	2	Grey metal pile beacon 4	<i>fl 0.3, ec 3.7</i> Column
4137	Kaipara River Entrance	36 37.10 174 25.13		Q(3)G 8s	3	2	White wooden pile beacon 3	
4137.5	Mussel Rock	36 15.68 174 15.05		Q R	3	2	Red $\square$ Red metal pole 3	

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>4138</b>	Wairoa River, Middle Channel, M1	36 14.24 174 06.84		Q G	3	2	Green $\Delta$ Green metal pole 3	
<b>4140</b>	Sail Point. Summit	36 11.69 174 03.62		Fl W 3s	10	6	White metal tower 10	<i>fl 0.3, ec 2.7</i> Round
<b>HOKIANGA HARBOUR</b>								
<b>4151</b>	Ferry Landing	35 23.17 173 31.63		Fl R 3s	3	1	White and grey horizontal stripes, concrete pile beacon	
<b>4152</b>	Takataka Rock Light	35 22.58 173 32.39		Q(3)W 10s	2	2	Black, yellow and black horizontal stripes, concrete pile beacon	<i>(fl 0.2, ec 1) x 2, fl 0.2, ec 7.4</i> Column
<b>4153</b>	Tauroa Point (M)	35 11.07 173 03.46		Fl(2)W 10s	65	9	White fibreglass tower 3	<i>fl 1, ec 1.5, fl 1, ec 6.5</i>