

# **NZ LIST OF LIGHTS**

**(including accompanying notes)**

## **NORTH ISLAND**

(updated to NTM Edition 4, 19 February 2021)

### **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
FFI.....	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.  
Place is printed in CAPITALS.  
The names of lights having a range of 15 miles and over are printed in bold type.
- Column 3: Latitude and longitude are given to two decimal places of a minute where data accuracy permits.

### IMPORTANT NOTE:

*"Positions given are approximate. They are included only to help in the identification of features on charts. It is possible to find differences, especially in longitude, of several tenths of a minute between these positions and those on charts in use, as a result of the variations between geodetic reference systems"*(refer page A-8, section 4.3, para. 4, M12 Standardization of List of Lights and Fog Signals 2004. IHO.)

- 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

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		Fl(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		Fl 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 (Otu) Murimotu Island. Summit (M)	34 24.89 173 03.03		Fl 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		Fl(2)W 5s	47	6	White tower 5	<i>fl 0.3, ec 1, fl 0.3, ec 3.4</i> Square
HOUHORA HARBOUR								
3690.6	Ruakōura / Perpendicular Point	34 49.50 173 10.05		Fl 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 metal pole Red □	
3690.76	HH1	34 49.33 173 08.55		Q G	3	1	Green wooden pole Green □	
3690.77	HH3	34 49.38 173 08.45		Q G	3	1	Green wooden pole Green □	
3690.8	HH4	34 49.47 173 08.22		Q R	3	2	Red wooden pole Red □	
3690.85	HH6	34 49.19 173 07.56		Q R	3	2	Red wooden pole Red □	
3690.89	HH5	34 48.95 173 07.28		Q G	3	2	Green wooden pole Green □	
3690.9	Pukenui Wharf. Head SE corner	34 48.85 173 07.16		2 F R(vert)	5			Lampost
RANGAUNU HARBOUR								
3691	Wairakia Point	34 54.08 173 18.09		Fl R 2.5s	3	2	Red metal pile beacon Red □ 3	<i>fl 0.3, ec 2.2</i>
3691.2	Omere Janus or Toby Rock	34 52.80 173 16.93		Fl(2)R 6s	5	5	Red metal pile beacon Red □ 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 metal pile beacon Green □	
3691.35	Scheigis Rock	34 53.42 173 17.67		Fl R 3s	1	2	Red concrete pile beacon Red □ 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 wooden pile beacon Green □	
3691.45	AC2	34 56.26 173 16.98		Fl R 3s		2	Red wooden pile beacon Red □	<i>fl 0.3, ec 2.7</i>
3691.5	Mangatete	34 57.01 173 16.28		Fl G 2s	3	2	Green wooden pile beacon Green □	<i>fl 0.3, ec 1.7</i>

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
3691.52	AC4	34 57.42 173 15.64		FI R 3s		2	Red wooden pile beacon Red □ 3	fl 0.3, ec 2.7
3691.54	Rat Island	34 57.57 173 15.34		Q G	2	2	Green wooden pile beacon Green □	fl 0.3, ec 0.7
3691.55	Home Creek	34 57.90 173 15.23					Green wooden pile beacon Green □ 3	
3691.56	Mangrove Island	34 58.44 173 15.14		Q G	3	2	Green wooden pile beacon Green □	fl 0.3, ec 0.7
3691.58	Junction Reach	34 58.89 173 14.60		Q R	2	2	Red pile beacon Red □ 2	fl 0.3, ec 0.7 2 piles
3691.59	J4	34 58.99 173 14.65		Q R	2	2	Red pile beacon Red □ 2	fl 0.3, ec 0.7
3691.595	J6	34 59.35 173 14.96		Q R		2	Red wooden pile beacon Red □ 3	fl 0.3, ec 0.7
3691.598	Prices	34 59.33 173 15.29		Q G		2	Green wooden pile beacon Green □ 3	fl 0.3, ec 0.7
3691.6	J16	34 59.37 173 15.42		Q R	2	2	Red pile beacon Red □ 2	fl 0.3, ec 0.7
3691.7	J18	34 59.57 173 15.41		Q R	2	2	Red pile beacon Red □ 2	fl 0.3, ec 0.7
3691.8	J20	34 59.75 173 15.33		Q R	2	2	Red pile beacon Red □ 2	fl 0.3, ec 0.7
3691.9	A1	34 59.99 173 15.09		Q G	2	2	Green pile beacon Green □ 2	fl 0.3, ec 0.7
3691.95	A5	35 00.08 173 15.10		Q G	2	2	Green pile beacon Green □ 2	fl 0.3, ec 0.7
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	(fl 0.5, ec 1.5) x 2, fl 0.5, ec 10.5
3695	Taipa River Entrance	34 59.51 173 28.20		FI R 2.5s	2	3	Red metal pole Red □	fl 0.3, ec 2.2
PORT MANGONUI								
3696.5	Cole Point	34 58.90 173 31.66		Q G	3	5	Green metal pole Green □ 3	
3697	Port Mangonui 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, yellow and black horizontal stripes, pile beacon Black □ 4	
WHANGAROA HARBOUR								
3698	South Head	35 00.33 173 46.14		FI(2)WR 6s	105	W6 R4	White metal column	fl 1, ec 1, fl 1, ec 3 W 121°-232° (111°) R 232°-282° (50°)

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)
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 metal pile beacon Red □ 3	
3698.14	East Pekapeka	35 00.48 173 44.85		FI(2)W 5s	2	2	Black, red and black horizontal stripes, metal pile beacon Black □ 2	pillar
3698.15	North Pekapeka	35 00.43 173 44.70		FI(2)W 5s	2	2	Black, red and black horizontal stripes, metal pile beacon Black □ 2	pillar
3698.18	West Pekapeka	35 00.61 173 44.26		FI(2)W 5s	2	2	Black, red and black horizontal stripes, metal pile beacon Black □ 2	pillar
3698.2	Clansman Wharf	35 02.68 173 44.67		2 F R(vert)			Metal pole	steel
CAVALLI ISLANDS								
3699	Nukutaunga Island (M)	34 58.59 173 57.91		FI W 10s	111	7	White metal tower 4	<i>fl 1, ec 9</i>
BAY OF ISLANDS HARBOUR								
3700	Fraser Rock	35 14.48 174 06.99		FI WR 4s	13	W9 R8	Grey metal framework 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°)
3700.5	The Brothers	35 11.86 174 03.90		Q(2)W 5s	5	5	Black, red and black horizontal stripes, pile beacon Black □ 5	<i>fl 0.3, ec 0.7, fl 0.3, ec 3.7</i>
3700.55	Motupapa (Cocked Hat) Island	35 11.88 174 02.99		Q R	3	2	Red metal pile beacon Red □	
3700.6	Kerikeri Inlet. No 1S	35 11.83 174 00.56		Q G	3	2	Green metal pile beacon Green □ 3	
3700.601	KK2	35 11.89 174 00.17		FI R 2s	2	1	Red metal pole Red □ 2	<i>fl 0.3, ec 1.7</i>
3700.6015	KK3	35 11.83 174 00.38		FI G 2s	3	1	Green wooden pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
3700.602	KK4	35 11.86 173 59.92		FI R 2s	2	1	Red metal pole Red □ 2	<i>fl 0.3, ec 1.7</i>
3700.603	KK5	35 11.85 174 00.25		FI G 2s	3	1	Green wooden pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
3700.604	KK6	35 11.87 173 59.88		FI R 2s	2	1	Red metal pole Red □ 2	<i>fl 0.3, ec 1.7</i>
3700.605	KK7	35 12.01 173 59.63		FI G 2s	3	1	Green wooden pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
3700.606	KK8	35 11.97 173 59.70		FI R 2s	2	1	Red metal pole Red □ 2	<i>fl 0.3, ec 1.7</i>

## Corrected to NZ Notices to Mariners Fortnightly Edition No 4, dated 19 February 2021

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>3700.607</b>	KK9	35 12.21 173 59.52		FI G 2s	3	1	Green wooden pile beacon Green □ 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 wooden pile beacon Red □	
<b>3700.615</b>	KK12	35 12.21 173 59.54		FI R 2s	2	1	Red wooden pile beacon Red □ 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 wooden pile beacon Green □	
<b>3700.624</b>	KK17	35 12.44 173 59.12		FI G 2s	2	1	Green wooden pile beacon Green □ 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 pile beacon Green □ 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 wooden pile beacon Red □ 3	<i>fl 0.3, ec 1.7</i>
<b>3700.628</b>	KK Junction	35 12.52 173 58.61		FI(2+1)G 6s	3	2	Green, red and green horizontal stripes, wooden pile beacon Green □ 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 wooden pile beacon Red □	
<b>3700.7</b>	Doves Bay Marina Breakwater head	35 11.66 174 02.04		2 F G(vert)			Beacon	
<b>3701</b>	<b>Entrance</b> Dir Lt	35 16.28 174 05.00		Dir Al WRG	9	15	White metal pile beacon	F G 211.2°-213° (1.8°) Al WG 213°-213.3° (0.3°) F W 213.3°-214.6° (1.3°) Al WR 214.6°-215.1° (0.5°) F R 215.1°-216.6° (1.5°) F W 213.3°-214.6° (1.3°)
				<i>By day</i>		9		
<b>3702</b>	Russell Wharf. Head	35 15.72 174 07.21		2 F R(vert)	7	2	Grey metal pole	
<b>3702.1</b>	Hermione Rock	35 15.84 174 05.60		FI(3)G 10s	4	3	Green metal pile beacon Green □ 4	
<b>3702.6</b>	Micky Rock	35 16.16 174 05.63		Q R	3	2	Red metal pile beacon Red □ 3	<i>fl 0.3, ec 0.7</i>
<b>3703</b>	Ti Point. Waitangi River Entrance	35 16.39 174 05.01		Q G		2	Green metal pile beacon Green □	
<b>3703.11</b>	WR1	35 16.38 174 04.96		FI G 2s	3	1	Green wooden pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
<b>3703.13</b>	WR3	35 16.36 174 04.92		FI G 2s	3	1	Green wooden pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
<b>3703.2</b>	Waitangi Jetty Head	35 16.33 174 04.89		2 F G(vert)			Metal pole	

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>3704</b>	Taylor Island off N end	35 16.62 174 05.84		FI G 2.5s	3	5	Green metal pile beacon Green □ 4	<i>fl 0.3, ec 2.2</i>
<b>3704.1</b>	Pahia No. 5 Starboard Beacon	35 16.80 174 05.62		FI G 2s	2	1	Green wooden pile beacon Green □ 2	<i>fl 0.3, ec 1.7</i>
<b>3704.2</b>	Paihia Jetty Head	35 16.84 174 05.59		2 F G(vert)	3	3	Beacon	On building
<b>3704.3</b>	Nihinui Point, Starboard Beacon	35 16.66 174 05.47		FI G 2s	3	1	Green metal pile beacon Green □ 3	<i>fl 0.3, ec 1.7</i>
<b>3704.4</b>	Nihinui Point, Port Beacon	35 16.63 174 05.50		FI R 2s	3	1	Red metal pile beacon Red □ 3	<i>fl 0.3, ec 1.7</i>
<b>3705.1</b>	Veronica Channel Ldg Lts 172° 24' Front	35 18.28 174 06.53		Q W	30	9	White metal framework tower 18	Framework
<b>3705.2</b>	Ldg Lts Rear	35 18.54 174 06.58		F Bu	57	5	Metal pole 6	
				By day Oc W 6s				<i>ec 2, fl 4</i>
<b>3705.4</b>	No. 1	35 15.84 174 06.10		FI G 2s	7	5	Green metal pile beacon Green □ 7	<i>fl 0.3, ec 1.7</i>
<b>3705.5</b>	No. 2	35 15.82 174 06.18		FI R 2s	5	5	Red metal pile beacon Red □ 5	<i>fl 0.3, ec 1.7</i>
<b>3705.6</b>	No. 3	35 16.64 174 06.23		FI G 2.5s	5	5	Green metal pile beacon Green □	<i>fl 0.3, ec 2.2</i>
<b>3705.7</b>	No. 4	35 16.65 174 06.31		FI R 2.5s	5	5	Red metal pile beacon Red □	<i>fl 0.3, ec 2.2</i>
<b>3706</b>	No. 5	35 17.87 174 06.37		FI G 2.5s	4	3	Green metal pile beacon Green □	<i>fl 0.3, ec 2.2</i>
<b>3707</b>	No. 6	35 18.18 174 06.85		Q R		2	Red metal pile beacon Red □	
<b>3707.4</b>	Okiato Ferry Ramp	35 18.30 174 07.12		2 F R(vert)	3	2	Grey concrete pile beacon 3	
<b>3707.8</b>		35 18.70 174 07.92		Q R	4	2	Red wooden pile beacon Red □ 4	
<b>OPUA</b>								
<b>3708</b>	Wharf, Head - NE corner	35 18.66 174 07.19		2 F G(vert)	6	1	Beacon	On shed
<b>3708.3</b>	Opua N Cardinal	35 18.67 174 07.17		Q W	5	2	Black and yellow horizontal stripes, metal pile beacon Black □	
<b>3708.4</b>	Ferry Ramp	35 18.73 174 07.22		2 F R(vert)	3	2	White pile beacon 3	
<b>3708.5</b>	Marina, Outer Breakwater. N End	35 18.77 174 07.34		Q R	4	1	Grey pile beacon	
<b>3708.6</b>		35 18.83 174 07.36		Q R	4	1	Grey pile beacon	
<b>3708.7</b>		35 18.90 174 07.37		Q R	4	1	Grey pile beacon	
<b>3708.8</b>	S end	35 18.98 174 07.32		Q R	4	1	Grey pile beacon	
<b>3708.9</b>	Inner Breakwater E End	35 18.97 174 07.31		Q G	4	1	Grey pile beacon	



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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>3708.93</b>	Ashbys. N	35 19.08 174 07.16		2 F G(ver)	3	1	Metal pile beacon 3	
<b>3708.95</b>	Ashbys. S	35 19.13 174 07.14		2 F G(ver)	3	1	Metal pile beacon 3	
<b>EASTERN BAY OF ISLANDS</b>								
<b>3709</b>	<b>Cape Brett (M)</b>	35 10.51 174 19.96		FI W 15s	146	<b>17</b>	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 Otuwhanga 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.
<b>3709.5</b>	Hat Island	35 13.03 174 15.15		Q G	4	2	Green metal pole Green □ 2	
<b>3710</b>	Urupukapuka Island - Otehei Bay	35 13.45 174 13.56		VQ(9)W 10s	3	2	Yellow, black and yellow horizontal stripes, concrete pile beacon Black □ 3	
<b>3710.05</b>	Pakatahi Island	35 13.90 174 12.06		Q G	2	2	Green wooden pole Green □ 2	
<b>3710.1</b>	Paramena Reef	35 14.20 174 13.11		Q(2)W 5s	5	2	Black, red and black horizontal stripes, beacon Black □	<i>fl 0.3, ec 0.7, fl 0.3, ec 3.7</i>
<b>3710.2</b>	Okuia Point. Shag Rock	35 14.33 174 14.20		Q(9)W 15s	5	2	Yellow, black and yellow horizontal stripes, concrete pile beacon Black □ 4	
<b>WHANGARURU HARBOUR</b>								
<b>3710.3</b>	Motukauri Island	35 21.39 174 20.26		Q G	4	2	Green metal pile beacon Green □	
<b>3710.4</b>	Hongaio Rock	35 21.43 174 21.00		Q G	4	3	Green metal pile beacon Green □	
<b>3710.5</b>	Orapa Rock	35 21.72 174 20.55		Q R	4	3	Red pile beacon Red □	
<b>3710.7</b>	Black Rocks	35 22.72 174 21.49		Q G	4	3	Green metal pile beacon Green □	On steel pile
<b>3711</b>	<b>Poor Knights Island. N Island (M)</b>	35 26.90 174 44.27		FI W 5s	158	<b>17</b>	White metal tower 4	<i>fl 0.1, ec 4.9</i> W 039°-317° (278°) W (Obscured) 317°- 039° (82°)
<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°)

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)
3712.1	Ldg Lts 270° 07' Front	35 36.89 174 31.98		FI R 3s	3	5	Red metal pile beacon 2	
3712.11	Ldg Lts Rear	35 36.89 174 31.87		FI W 1.5s	7	5	White metal pile beacon 1	
3712.12	T1	35 36.81 174 31.90		Q G		1	Green wooden pole Green □ 3	
3712.125	T2	35 36.82 174 31.89		Q R	3	1	Red wooden pole Red □ 3	
3712.13	T4	35 36.78 174 31.81		Q R		1	Red metal pile beacon Red □ 3	
3712.135	T3	35 36.75 174 31.81		Q G	3	1	Green wooden pole Green □ 3	
3712.14	T5	35 36.73 174 31.75		Q G		1	Green metal pile beacon Green □ 3	
3712.145	T6	35 36.75 174 31.74		Q R	3	1	Red wooden pole Red □ 3	
3713	Bream Head (M)	35 50.66 174 34.87		FI(3)W 20s	172	10	White metal tower 4	(fl 1, ec 1) x 2, fl 1, ec 15 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°)
3713.5	Wareware Island	35 52.96 174 41.70		FI(2)W 10s	42	6	Green and white metal	fl 1, ec 1.5, fl 1, ec 6.5 W 011°-272° (261°) W (Obscured) 272°- 011° (99°) frame
HEN AND CHICKENS ISLANDS								
3714	Coppermine Island. E end (M)	35 53.18 174 46.84		FI W 5s	145	9	White metal tower 3	fl 1, ec 4 Obscured on certain bearings by Hen and Chickens Group. Owing to its elevation the light is liable to be obscured by fog and mist.
3715	Taranga Island. W side (M)	35 57.53 174 41.87		FI W 10s	119	9	Metal framework tower White □ 3	fl 1, ec 9 W (Obscured) 184°- 209° (25°) W 209°-227.5° (18.5°) W (Obscured) 227.5°- 324° (96.5°) W 324°-184° (220°) column
WHANGĀREI HARBOUR								
3716	Marsden Point Dir Lt 320° 35'	35 50.34 174 29.97		Dir Al WRG	21	10	Metal tower Orange □	G 314.4°-319.4° (5°) Al WG 319.4°-320.1° (0.7°) W 320.1°-321.1° (1°) Al 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°)

By day

W7  
R5  
G5

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)
3716.4	Refinery Wharf. T-head. SE End	35 50.22 174 30.05		2 F R(vert)	23	4	Metal framework tower	Aluminium framework
3716.42	Refinery Wharf. T-head. NW end	35 50.13 174 29.87		2 F R(vert)	23	4	Metal framework tower	Aluminium framework
3716.6	Harbour Board Wharf. Head. E end	35 50.08 174 29.44		2 F R(vert)	2	4	Beacon	Wharf whaling
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 pole Red □	
3716.641	Starboard 5	35 49.86 174 28.44		FI G 2s	1	1	Green pole Green □	
3716.642	Port 1	35 50.03 174 28.26		FI R 2s	1	1	Red pole Red □	
3716.643	Starboard 1	35 50.01 174 28.23		FI G 2s	1	1	Green pole Green □	
3716.65	Snake Bank	35 49.69 174 29.09		FI G 4s	5	3	Green pile beacon Green □ 6	
3716.66	Marsden Bay Beacon No 1	35 49.77 174 28.92		FI(2+1)R 6s	5	2	Red, green and red horizontal stripes, pile beacon Red □ 6	Ra refl
3716.67		35 49.76 174 28.73		Q Y	5	5	Yellow pile beacon Yellow X	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	Ldg Lts Rear	35 49.54 174 27.92		F R	8	6	Yellow pile beacon Orange □ 4	R 200°-340° (140°)
3716.8	Passage Islet	35 49.82 174 29.81		FI W 3s	6	5	White concrete framework tower 2	<i>fl 0.3, ec 2.7</i> W 278°-133° (215°)
3717	East of One Tree Point	35 49.13 174 27.79		FI R 5s	5	7	Red pile beacon Red □	<i>fl 1, ec 4</i>
SHELL CUT REACH								
3717.3	No.S2	35 48.85 174 27.45		Q R	5	3	Red pile beacon Red □	
3717.4	Shell Cut Reach East Leading Light. Ldg Lts 115° 21' Front	35 49.16 174 28.32		F G	5	6	Concrete pile beacon	G 035°-195° (160°)
3717.41	Ldg Lts Rear	35 49.85 174 30.15		F R	18	6	Metal framework 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, red and black horizontal stripes, pile beacon Black □ 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, red and black horizontal stripes, pile beacon Black □ 2	<i>fl 0.2, ec 1.2, fl 0.2, ec 3.4</i>

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)
3717.47	Taurikura	35 49.75 174 31.30	Fl(2)W 5s	2	1	Black, red and black horizontal stripes, pile beacon Black □ 2	fl 0.2, ec 1.2, fl 0.2, ec 3.4
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	Ldg Lts Rear	35 46.90 174 22.50	F G	19	9	Metal pile beacon	Neon □ Tower on pile
3717.6	No.S3	35 48.79 174 27.48	Fl G 2.5s	5	3	Green pile beacon Green □	
3718.4	No.S5	35 48.34 174 26.31	Fl G 5s	5	3	Green pile beacon Green □	
3718.5	No.S6	35 48.39 174 26.27	Fl R 5s	5	3	Red pile beacon Red □	
3718.7	No.S8	35 48.06 174 25.41	Q R	5	2	Red pile beacon Red □	
SHOAL BAY							
3718.751	Shoal Bay S Cardinal	35 48.98 174 29.56	Q(6) + LFI W 15s	4	1	Yellow and black horizontal stripes, wooden pile beacon Black □	
3718.755	Shoal Bay W Cardinal	35 47.91 174 28.18	Q(9)W 15s	4	1	Yellow, black and yellow horizontal stripes, wooden pile beacon Black □	
3718.757	Shoal Bay East Cardinal	35 47.96 174 27.09	Q(3)W 10s	4	1	Black, yellow and black horizontal stripes, wooden pile beacon Black □	
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 pile beacon Red □ 3	
3718.78	Martin Point	35 47.00 174 27.49	Q R	3	2	Red pile beacon Red □ 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 pile beacon Green □	
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	Ldg Lts Rear	35 49.32 174 26.99	F G	18	9	Metal framework tower Neon □	G 050°-210° (160°)
3719	Stevens Point Dir Lt 311° 21' Front	35 46.46 174 23.02	Dir F WRG	13	W13 R12 G12	Orange metal tower Orange □ 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 pile beacon Green □	
3719.4	No.T2	35 47.30 174 24.14	Fl R 2.5s	5	5	Red pile beacon Red □	
3719.8	No.T5	35 46.95 174 23.76	Fl G 3s	5	3	Green pile beacon Green □	

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>WELLINGTON REACH</b>								
<b>3720</b>	Wellington Reach Ross	35 46.73 174 23.28		FI(2)R 6s	6	5	Red pile beacon Red □	
<b>3720.4</b>	No.W2	35 46.55 174 22.77		Q R	5	4	Red pile beacon Red □	
<b>3720.6</b>	No.W3	35 46.47 174 22.64		Q G	5	1	Green pile beacon Green □	
<b>3720.7</b>	W5	35 46.50 174 22.44		FI G 3s	5	4	Green pile beacon Green □	
<b>3720.8</b>	Wellington Rock	35 46.59 174 22.41		Iso R 2s	5	4	Red pile beacon Red □	
5								
<b>CHANNEL TO PORTLAND</b>								
<b>3721</b>	Portland Entrance. Ldg Lts 209° 55' Front	35 47.27 174 21.78		FI R 2.5s	5	2	Red concrete pile beacon	<i>fl 0.3, ec 2.2</i>
<b>3721.01</b>	Ldg Lts Rear	35 47.39 174 21.69		Q W	7	2	Red concrete pile beacon	W 205°-220° (15°)
<b>3721.1</b>	P2	35 46.84 174 22.13		Q R	3	2	Red pile beacon Red □	
<b>3721.15</b>	Limestone Island	35 46.95 174 21.97		Q G 1.2s	4	2	Green pile beacon Green □	
4								
<b>3721.2</b>	Limestone Island. SE side. P1	35 47.18 174 21.76		FI G 5s	4	3	Green metal pile beacon	Disused wharf. Column on square base.
3								
<b>3721.3</b>	P3	35 47.44 174 21.24		Q G		2	Green concrete pile beacon Green □	
<b>3721.4</b>	SE Side. P4	35 47.32 174 21.64		Q R	3	2	Red pile beacon Red □	
<b>3721.6</b>	P6	35 47.48 174 21.28		Q R	5	2	Red pile beacon Red □	
<b>3722</b>		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°)
<b>3722.1</b>	Ldg Lts 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
<b>PORTLAND</b>								
<b>3722.2</b>	Portland Bulk Cement Wharf, NW side. P5	35 47.81 174 20.97		Q G	5	1	Green pile beacon Green □	
<b>3722.3</b>	Portland Bulk Cement Wharf, E side. P8	35 47.98 174 20.95		Q R	2	2	Red wooden pile beacon Red □	
<b>3722.4</b>	Coal Berth Wharf Head	35 48.07 174 20.84		LFI G 5s	4	3	Framework tower	<i>fl 2, ec 3</i>
<b>3722.45</b>	Cement Berth	35 48.17 174 20.84		2 F G(vert)			Beacon	
<b>3722.46</b>	Cement Berth	35 48.14 174 20.84		2 F G(vert)			Beacon	
<b>3722.49</b>	Portland Turning Basin	35 48.09 174 20.96		Q R 1.2s	4	2	Red pile beacon Red □	
4								
<b>3722.5</b>	P10	35 48.19 174 20.92		Q R	3	3	Red metal pile beacon Red □	<i>fl 0.4, ec 0.6</i>
<b>3722.513</b>	Ldg Lts Rear	35 48.47 174 20.94		Q G	3	3	Green concrete pile beacon Green □	<i>fl 0.4, ec 0.6</i>
<b>3722.515</b>	No.P9	35 48.82 174 21.06		FI G 1.5s	3	2	Green wooden pile beacon Green □	

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)
3722.52	No.P13	35 49.41 174 20.78					Green concrete pile beacon Green □	
CHANNEL TO WHANGĀREI								
3722.7	Wellington Reach W7	35 46.57 174 22.07	Q G		5	3	Green pile beacon Green □	
3722.8	North Cardinal Beacon	35 46.66 174 22.12	Q W		5	3	Black and yellow horizontal stripes, pile beacon Black □	
3723	K3	35 46.59 174 21.59	Q G		5	2	Green pile beacon Green □	
3723.4	No.K5	35 46.50 174 21.40	Q G		5	2	Green pile beacon Green □	
3723.8	No.K7	35 46.35 174 21.26	Q G		5	2	Green pile beacon Green □	
3724	No.K8	35 46.38 174 21.17	Q R		5	2	Red pile beacon Red □	
3724.4	No.K9	35 46.18 174 21.20	Q G		5	1	Green pile beacon Green □	
3724.8	No.K11	35 45.99 174 21.17	Q G		5	1	Green pile beacon Green □	
3725.7	No.K16	35 45.69 174 21.00	Q R		5	2	Red pile beacon Red □	
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 pile beacon Green □	
3726	No.K18	35 45.58 174 20.92	Q R		5	2	Red pile beacon Red □	
3726.4	No.K19	35 45.24 174 21.05	Q G		5	1	Green pile beacon Green □	
3728	No.K20	35 45.25 174 20.99	FI R 3s		5	2	Red pile beacon Red □	
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 pile beacon Green □	
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 wooden pile beacon Red □	
3729.7	No.H3	35 44.14 174 20.92	FI G 2s		2	2	Green wooden pile beacon Green □	
3729.8	No.H6	35 44.14 174 20.85	FI R 2s		3	2	Red wooden pile beacon Red □	
3730	No.H8	35 44.12 174 20.79	FI R 2s		3	2	Red concrete pile beacon Red □	
3730.1	No.H10	35 44.17 174 20.69	FI R 2s		3	2	Red wooden pile beacon Red □	
3730.15	No.H12	35 44.24 174 20.61	FI R 2s		4	2	Red metal pile beacon Red □	

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>3730.61</b>	Pohe bridge starboard pontoon	35 44.14 174 20.13		2 F G(vert)	3	2	Pile beacon	
<b>3730.62</b>	Pohe bridge port pontoon	35 44.06 174 20.10		2 F R(vert)	3	2	Pile beacon	
<b>MOKOHINAU ISLANDS</b>								
<b>3734</b>	<b>Burgess Island</b> <b>(Pokohinu Island)</b> (M) Reserve light	35 54.37 175 06.90		FI W 10s	122	<b>19</b>	White masonry tower 14	<i>fl 0.1, ec 9.9</i>
						10		
<b>MANGAWHAI HARBOUR</b>								
<b>3735</b>	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
<b>GREAT BARRIER ISLAND (AOTEA ISLAND)</b>								
<b>3736</b>	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
<b>3736.2</b>	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>
<b>3736.6</b>	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°)
<b>OMAHA BAY</b>								
<b>3737</b>	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
<b>3737.4</b>	Whangateau Harbour. Entrance. Ti Point	36 19.24 174 47.00		Q G	4	2	Black metal pole Green □ 4	Steel
<b>HAURAKI GULF / TĪKAPA MOANA</b>								
<b>3738</b>	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>
<b>3738.2</b>	Kawati Point (M)	36 23.51 174 50.35		Iso WR 6s	34	W8 R6	White metal tower 4	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°)
<b>3738.3</b>	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>
<b>3738.4</b>	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°) column
<b>3738.5</b>	North Cove W Cardinal	36 24.69 174 49.19		Q(9)W 15s	3	1	Yellow, black and yellow horizontal stripes, pole Black □ 2	
<b>3738.6</b>	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°)
<b>3738.64</b>	Mullet Point	36 26.15 174 46.80		VQ W	3	2	Black and yellow horizontal stripes, metal pile beacon Black □ 2	

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>3738.68</b>	Half Tide Rock	36 23.82 174 45.34		VQ(3)W 5s	3	2	Black, yellow and black horizontal stripes, metal pile beacon Black □ 2	
<b>3738.7</b>	Matakana River. E entrance point	36 23.82 174 44.55		FI G 3s	4	2	White pole	
<b>3738.71</b>	Matakana River. W entrance	36 23.89 174 44.51		FI R 3s	3	2	Red wooden pile beacon Red □	
<b>3738.73</b>	Matakana River (entrance)	36 23.56 174 44.14		FI R 2s	3	1	Red wooden pile beacon Red □ 3	
<b>3739</b>	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°)
<b>3739.5</b>	Te Haupa Island	36 30.87 174 44.83		VQ(6) + LFI W 15s	3	2	Yellow and black horizontal stripes, pile beacon Black □	
<b>3740</b>	<b>Tiritiri Matangi Island (M)</b>	36 36.33 174 53.85		FI W 15s	91	<b>18</b>	White metal tower 20	<i>fl 0.1, ec 14.9</i> Obscured within 4M by North West end of island Round tower.
<b>3741</b>	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
<b>3741.5</b>	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°)
<b>3741.51</b>	Gulf Harbour Marina Outer Leading Light Ldg Lts 40°	36 37.44 174 47.34		Q W			Pole White □	Ldg Lts 040°
<b>3741.52</b>	Ldg Lts Rear	36 37.42 174 47.37		FI W 3s			Metal pole White □ 5	
<b>3741.6</b>	East Breakwater Head Light	36 37.59 174 47.22		Oc G 5s	3	2	Metal mast 2	<i>ec 2, fl 3</i>
<b>3741.65</b>	West Breakwater Head Light	36 37.55 174 47.19		Oc R 5s	3	2	Metal mast 2	<i>ec 2, fl 3</i>
<b>3741.71</b>	No 1	36 37.65 174 47.14		Q G	3	2	Green wooden pile beacon Green □	<i>fl 0.3, ec 0.7</i>
<b>3741.72</b>	No 2	36 37.64 174 47.13		Q R	3	2	Red wooden pile beacon Red □	<i>fl 0.3, ec 0.7</i>
<b>3741.81</b>	Gulf Harbour Marina Inner Leading Light. Ldg Lts 25°	36 37.11 174 47.41		Q W			Pole	Ldg Lts 025°
<b>3741.82</b>	Ldg Lts Rear	36 37.11 174 47.41		Q W			Pole	
<b>3741.9</b>	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>
<b>3741.91</b>	Long Bay Marine Reserve NW Limit Light	36 38.94 174 43.65		FI(5)Y 20s	5	1	Pole	



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>3741.92</b>	Long Bay Marine Reserve NE Limit Light	36 39.09 174 44.62		Q R	2	1	Red pole Red □	
<b>3741.93</b>	Long Bay Marine Reserve SW Limit Light	36 41.78 174 45.71		Fl(5)Y 20s	5	1	Pole	
<b>3741.94</b>	Tipau Point Light	36 42.65 174 45.80		Q(2)G 5s	2	1	Green wooden pile beacon Green □	<i>fl 0.4, ec 0.6, fl 0.4, ec 3.6</i>
<b>3742</b>	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°)
<b>3743</b>	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°)
<b>3743.2</b>	Rahopara Point	36 45.65 174 46.33		Fl G 5s	3	2	Green metal pole Green □	
<b>AUCKLAND HARBOUR</b>								
<b>3744</b>	Rangitoto beacon	36 46.92 174 49.34		Fl R 12s	21	7	Red and white horizontal stripes, concrete framework tower	<i>fl 1.5, ec 10.5</i>
<b>3744.05</b>	Rangitoto Wharf	36 48.56 174 51.73		Fl W 5s	4	1	Grey metal pole 4	Steel pole
<b>3744.1</b>	Rangitoto Saltworks	36 47.58 174 49.44		Q(3)R 8s	2	1	Red pole Red □	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 4.5</i>
<b>3745</b>	<b>Saint Leonards Approach</b> Dir Lt 216°	36 47.92 174 47.29		Dir F WRG	23	<b>R21</b> <b>G21</b> <b>W21</b> <b>R17</b> <b>G17</b>	Metal column	F G 213.5°-214.5° (1°) Al GW 214.5°-215.5° (1°) Alternating green light range 17.0M F W 215.5°-216.5° (1°) Al RW 216.5°-217.5° (1°) Alternating red light range 17.0M F R 217.5°-218.5° (1°)
				<i>By day</i>		4		
<b>3746</b>	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		
<b>3746.1</b>	Rangitoto Channel Rear Dir Lt	36 50.64 174 51.65		Dir F WRG	8	W12 R11 G11	White pile beacon Red □	F G 141°-141.5° (0.5°) F W 141.5°-142.8° (1.3°) F R 142.8°-143.3° (0.5°)
<b>3748</b>	Bean Rock	36 50.00 174 49.87		Fl(3)WR 8s	15	W14 R11	White metal framework 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°) FR on One Tree Hill 4.7M SW <i>bl 5, si 25</i> <i>ec 2, fl 4</i>
				Siren 30s				
<b>3756</b>	Orakei Wharf	36 50.62 174 48.94		Oc R 6s	8	3	Framework tower	<i>ec 2, fl 4</i>
<b>3758</b>	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>
<b>3758.2</b>	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>
<b>3758.4</b>	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>

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)
3758.5	Orakei Marina. Main Light	36 50.90 174 48.45	Iso WR 2s	7	2	White and red horizontal stripes, fibreglass framework tower 5	
3758.55	Orakei Marina No.1	36 50.91 174 48.40	FI G	4	2	Green wooden pile beacon Green □ 2	
3758.6	Wave Break West Part West End	36 50.86 174 47.93	VQ(4)R 7s	4	2	Pile beacon	(fl 0.3, ec 0.3) x 3, fl 0.3, ec 4.9
3759	Hobson Point	36 51.05 174 48.25	FI R 5s	3	2	Red wooden pile beacon Red □ 3	
DEVONPORT							
3764	Devonport Beach Dir Lt 009° Front	36 50.04 174 47.83	F G			White pole White □	Marks WEST cables
3764.1	Devonport Beach Rear	36 49.96 174 47.84	F R			White pole White □	Marks WEST cables
3765	Devonport Beach Dir Lt 009° Front	36 50.05 174 47.94	F G			White pole White □	Marks EAST cables
3765.1	Devonport Beach Rear	36 49.91 174 47.96	F R			White pole White □	Marks EAST cables, 177 m from front
3766.5	Bell South Cardinal Mark	36 49.99 174 47.66	VQ(6) + LFI W 10s	3	2	Yellow and black horizontal stripes, pile beacon Black □ 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 metal pile beacon Red □ 6	fl 0.3, ec 2.7
3770.01	Bayswater Marina 1	36 49.67 174 46.05	FI G 3s	5	1	Green pole Green □	
3770.03	Bayswater Marina 2	36 49.53 174 46.02	FI(2)R 5s	5	1	Red pole Red □	
3770.05	Bayswater Marina 3	36 49.52 174 46.06	FI(2)G 4s	5	1	Green pole Green □	
3770.07	Bayswater Marina 4	36 49.45 174 46.03	FI(2)R 4s	5	1	Red pole Red □	
3770.09	Bayswater Marina 5	36 49.38 174 46.06	FI G 4s	5	1	Green pole Green □	
3770.11	Bayswater Marina 6	36 49.39 174 46.03	FI(2)R 3s	5	1	Red pole Red □	
3770.13	Bayswater Marina Entrance	36 49.34 174 46.00	Q G	5	1	Green metal pole	Green top
3770.15	Bayswater Marina Entrance	36 49.36 174 45.99	Q R	5	1	Red metal pole	Red top
MECHANICS BAY							
3771	Mechanics Bay. SAR Centre. Breakwater Head	36 50.76 174 47.34	Oc R 6s	5	3	Wooden pile beacon	ec 2, fl 4
3772	Mechanics Bay. SAR Centre. Breakwater. Elbow	36 50.75 174 47.32	VQ(2+1)G 6s	5	3	Wooden pile beacon	fl 0.3, ec 0.4, fl 0.3, ec 1.2, fl 0.3, ec 3.5

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)
3773	Compass Dolphin (Remains)	36 50.62 174 47.51		FI(2)W 4s	5	3	Black, red and black horizontal stripes, wooden pile beacon Black □	
3774	Commercial Harbour, Fergusson Wharf, Northern Dolphin	36 50.39 174 46.98		3 F YR(vert)	5	2	Metal pole	R/YR 197°-343° (146°) LED
3797.1	OVH06	36 50.45 174 45.84		F G	5	1	Green metal, painted pole Green □ 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 painted, metal pole Green □ 3	
3797.7	WW02	36 50.34 174 45.58		F R	5	3	Red metal, painted pole Red □ 3	
3798	Ldg Lts 229° 45' Front	36 50.44 174 45.44		F Bu	8	2		LED
3798.1	Ldg Lts Rear	36 50.46 174 45.41		F Bu	13	2		LED
WESTHAVEN BOAT HARBOUR								
3800	Westhaven Boat Harbour E Entrance. E Side	36 50.20 174 45.45		Oc R 6s	3	5	Red pole Red □	
3818	Westhaven Boat Harbour E Entrance. W Side	36 50.17 174 45.24		FI 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		FI R 5s	7	1	Red metal, painted pole Red □ 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	Wooden pile beacon Green □	<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 pole Red □	
3832	Kauri Pt Armament Depot Light	36 49.43 174 41.84		F G	3	2	White framework tower 3	On metal pile
UPPER WAITEMATA HARBOUR								
3833	Whau River No 1 Light	36 50.00 174 41.96		Q G	3	2	Green wooden pile beacon Green □ 3	
3834	No 2	36 50.42 174 41.46		Q R	5	3	Red wooden pile beacon Red □	
3834.5	No 4	36 50.83 174 40.57		Q R	3	2	Red wooden pile beacon Red □ 3	

Corrected to NZ Notices to Mariners Fortnightly Edition No 4, dated 19 February 2021

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>3835</b>	No 5	36 50.69 174 41.24		Q G	3	2	Green wooden pole Green □	
<b>3835.5</b>	No 7	36 50.74 174 41.15		Q G	3	2	Green wooden pile beacon Green □	
							3	
<b>3836</b>	No 9	36 50.94 174 39.99		Oc G	5	3	Green wooden pile beacon Green □	
<b>3837.1</b>	Whau River No 6 Light and Pollen Island Marine Reserve NW Limit Light	36 51.09 174 39.82		Q R	2	1	Red pole Red □	
<b>3837.2</b>	Pollen Island Marine Reserve NE Limit Light	36 51.10 174 40.28		Fl(5)Y 20s	2	1	Yellow pole	
<b>3837.3</b>	Pollen Island Marine Reserve SE Limit Light	36 51.70 174 40.91		Fl(5)Y 20s	2	1	Yellow pole	
<b>3838</b>	No 2	36 48.97 174 41.08		F R	2	3	Red wooden pole Red □	
<b>3838.02</b>	No 1	36 48.90 174 40.68		Q G	3	2	Green wooden pile beacon Green □	
							3	
<b>3838.04</b>	No 3	36 48.85 174 40.25		Q G	3	2	Green wooden pile beacon Green □	
							3	
<b>3838.06</b>	No 4	36 49.01 174 40.68		Q R	3	2	Red wooden pile beacon Red □	
							3	
<b>3838.08</b>	No 5	36 48.71 174 39.93		Q G	3		Green wooden pile beacon Green □	
							3	
<b>3838.1</b>	No 6	36 48.96 174 40.20		F R	2	2	Red wooden pile beacon Red □	
<b>3838.12</b>	No 7	36 48.56 174 39.68		Q G	3	2	Green wooden pile beacon Green □	
							3	
<b>3838.14</b>	No 8	36 48.77 174 39.87		Q R	3	2	Red wooden pile beacon Red □	
							3	
<b>3838.15</b>	No 9	36 48.45 174 39.50		F G	2	2	Green wooden pile beacon Green □	
<b>3838.18</b>	No 10	36 48.60 174 39.64		Q R	3	2	Red wooden pile beacon Red □	
							3	
<b>3838.2</b>	No 12	36 48.49 174 39.49		F R	2	2	Red wooden pile beacon Red □	
<b>3838.3</b>	No 11	36 48.42 174 39.24		F G	2	2	Green wooden pile beacon Green □	
<b>3838.31</b>	No 13	36 48.42 174 39.15		Q G	3	2	Green wooden pile beacon Green □	
							3	

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)
3838.35	No 14A	36 48.46 174 39.14		FI R 3s	2	2	Red wooden pile beacon Red □	
3838.4	No 15	36 48.45 174 39.05		F G	2	2	Green wooden pile beacon Green □	
3838.5	No 16	36 48.48 174 39.07		Q R	3	2	Red wooden pile beacon Red □	
							3	
3839	No 17	36 48.54 174 38.96		F G	3	2	Green pole Green □	
3840	No 18	36 48.54 174 38.98		F R	3	2	Red pole Red □	
3842	Ranger Rock Light	36 47.41 174 40.62		Q(3)W 10s	4	5	Black, yellow and black horizontal stripes, pole Black □	Marks position of rock off Birkdale Wharf and outer end of power cable
3842.2	Beach Haven Wharf Light	36 47.41 174 40.69		F W			Pole	
3843	Greenhithe Bridge Light	36 47.07 174 40.16		F R			Red pole Red □	
3843.2		36 47.07 174 40.21		F G			Green pole Green □	
3844		36 50.94 174 37.78		Aero F R	152	21		
3844		36 50.66 174 37.86		Aero F R	121	21		
3844		36 50.39 174 37.59		Aero F R	152	21		
3844		36 50.77 174 38.01		Aero F R	152	21		
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 pile beacon Red □	<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, yellow and black horizontal stripes, wooden pile beacon Black □	
3845.25	Motutapu Island	36 47.77 174 54.95		VQ(6) + LFI W 15s	5	2	Yellow and black horizontal stripes, lattice beacon Black □	
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>
WAIHEKE ISLAND								
3845.4	Matiatia Bay Approach Directional Light Dir Lt 77° 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 wooden pile beacon Red □	
							3	
3846.5	Musick Point	36 50.57 174 54.04		Oc R 6s	7	3	Red metal pile beacon Red □	

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>3847</b>	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>3847.5</b>	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
<b>3847.8</b>	Motukorea Channel	36 49.91 174 52.04		LFI W 10s	4	2	Red and white vertical stripes, wooden pile beacon Red O	<i>fl 2, ec 8</i>
<b>3848</b>	West Tāmaki Head	36 50.53 174 52.62		Mo(N)WR 6.5s	5	W7 R5	Red and white horizontal stripes, pile beacon White □	<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°)
<b>3848.5</b>	E Tamaki Head.	36 50.70 174 53.67		Q R	4	2	Red wooden pile beacon Red □	
<b>3848.6</b>		36 50.62 174 53.75		Q G	4	2	Green wooden pile beacon Green □	
<b>3848.7</b>		36 51.05 174 53.01		FI G 3s	3	2	Green pole Green □	4 3
<b>3848.8</b>		36 51.01 174 53.63		FI R 3s	3	2	Red pole Red □	3
<b>TAMAKI RIVER</b>								
<b>3849</b>	No. 3	36 52.10 174 54.02		Oc G 6s	3	3	Green wooden pile beacon Green □	<i>ec 2, fl 4</i>
<b>3849.05</b>	No. 2	36 51.42 174 53.60		Q R	2	2	Red pile beacon Red □	
<b>3849.1</b>	No. 1A	36 51.77 174 53.75		FI G 2s	3	2	Green pole Green □	3
<b>3849.2</b>	Half Moon Bay Marina. E Breakwater Head	36 52.69 174 53.98		FI(2)R 6s	3		Pole	
<b>3849.25</b>	Half Moon Bay Marina. W Breakwater Head	36 52.71 174 53.96		F G			Pole	
<b>3849.3</b>	Bucklands 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>
<b>3849.5</b>	No. 11	36 52.73 174 53.47		Q G	3	3	Green wooden pile beacon Green □	<i>fl 0.3, ec 0.7</i>
<b>3849.55</b>	No. 4	36 52.85 174 52.99		Q R	3	3	Red wooden pile beacon Red □	<i>fl 0.3, ec 0.7</i>
<b>3849.6</b>	No. 13	36 52.95 174 52.52		FI G 3s	4	2	Green pole Green □	
<b>3849.62</b>	No. 15	36 53.75 174 52.53		Q G	4	2	Green pole Green □	
<b>3849.65</b>	No. 12	36 54.16 174 52.44		Q R	5	1	Red pole Red □	
<b>3849.67</b>	No. 16	36 54.32 174 51.80		FI R 2s	5	1	Red pole Red □	

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)
3849.7	Panmure Bridge. NW Pier	36 54.48 174 51.49		2 F G(ver)			Pole	On Pier at bridge level
3849.72	Panmure Bridge. SE Pier	36 54.50 174 51.51		2 F R(ver)			Pole	On Pier at bridge level
3849.75	No. 24	36 54.93 174 51.45		FI R 2s	5		Red pole Red □	
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 RG(ver)			Pole	Centre of bridge span. FG over FR
3849.98		36 53.59 174 57.52		FI G 5s	4	2	Green wooden pile beacon Green □	
3850.2	Dennis Rock	36 52.43 174 58.39		Q(9)W 15s	5	2	Yellow, black and yellow horizontal stripes, pile beacon Black □ 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	
WAIHEKE CHANNEL								
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 pile beacon Red □	
FIRTH OF THAMES								
3852	Sandspit Passage Sandspit E end. (M)	36 54.02 175 10.96		FI WR 2s	6	W7 R4	Grey 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°) East end.
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°)
THAMES								
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 ENESquare structure on piles
3861	Kaueranga Channel. N side	37 08.39 175 31.80		FI R 5s			Red pile beacon	Channel liable to change
3862	Kaueranga Channel. N side No.6	37 08.71 175 32.00		Q R	4	3	Red beacon	

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>3864</b>	Kaueranga Channel. E side No.8	37 08.75 175 32.20	Q R	4	3	Red beacon	
<b>3866</b>	Shortland Wharf. Head Ldg Lts 79° 45' Front	37 08.75 175 32.61	F R	6	3	White mast 4	Neon
<b>3866.1</b>	Ldg Lts Rear	37 08.75 175 32.61	F G	8	3	White mast 7	Neon
<b>3868</b>	Waihou River Outer channel. N side	37 09.18 175 30.74	FI R 5s	5	3	Red pile beacon	<i>fl 0.6, ec 4.4</i>
<b>3878</b>	Cow Islet. Summit (M)	36 48.32 175 24.11	LFI W 8s	33	9	Concrete framework tower 3	<i>fl 2, ec 6</i>
<b>3879</b>	Te Kouma. Head. S end (M)	36 49.46 175 25.41	FI(2)W 10s	39	5	Metal pile beacon 4	<i>fl 0.5, ec 2, fl 0.5, ec 7</i>
<b>3879.5</b>	Sugarloaf Ramp Point	36 48.25 175 28.36	FI W 20s	12	3	Metal pole 7	
<b>3879.7</b>	Te Kouma Boat Ramp	36 48.27 175 28.40	F Y	4	1	Wooden pile beacon 4	
<b>3879.8</b>	Whangarahi Stream	36 46.00 175 29.00	FI(3)G 20s	8	2	Green metal pole Green 8	
<b>3880</b>	Coromandel. Wharf Head	36 45.78 175 28.97	F R	8	2	Metal pole 6	
<b>3880.5</b>	Little Passage	36 46.20 175 27.39	FI(3)G 10s	8	2	Green metal pole Green 8	
<b>3881</b>	Jetty	36 48.59 175 28.08	Q(4)W 10s	8	1	Metal pole 6	Occas
<b>3882</b>	Channel Island (M)	36 25.30 175 19.89	FI(2)W 12s	79	9	White metal tower 4	<i>fl 1, ec 2, fl 1, ec 8</i>
<b>3886</b>	<b>Cuvier Island (Repanga Island) E end (M)</b>	36 26.39 175 47.17	FI W 15s	119	19	White metal tower 15	<i>fl 0.1, ec 14.9</i> W (Obscured) 086°- 129° (43°) Obscured within 8 M. Obscured off Cape Colville when bearing more than 089°. W 129°-086° (317°) Obscured off Cape Colville when bearing more than 089°.
	Reserve light				10		
<b>3888</b>	Port Charles (M)	36 30.70 175 29.47	FI(4)W 20s	155	9	Metal column 4	<i>(fl 0.5, ec 1.5) x 3, fl 0.5, ec 13.5</i>
<b>3890</b>	Old Man Rock (M)	36 42.60 175 50.80	FI W 2s	64	8	Concrete column	<i>fl 0.5, ec 1.5</i>
<b>3892</b>	Ohinau Island. Summit (M)	36 43.63 175 52.63	FI W 5s	105	9	White metal tower 4	Pedestal <i>fl 1, ec 4</i> aluminium
<b>MERCURY BAY</b>							
<b>3893</b>	Whitianga Entrance Whakapenui Point	36 49.61 175 42.84	FI W 3s	30	7	White mast 5	<i>fl 0.3, ec 2.7</i> W (Partially obscured) 060°-301.4° (241.4°) partially obscured by Motukorure Island.
<b>3894</b>	Tairua Harbour – Royal Billy Point Jetty	37 00.34 175 51.68	F R	8		Beacon	On pontoon



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>3896</b>	Slipper Island (Whakahau)	37 02.90 175 57.21		FI(2)W 15s	103	9	White metal tower 4	<i>fl 1, ec 2, fl 1, ec 11</i> 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°)
<b>WHANGAMATĀ HARBOUR</b>								
<b>3897</b>	Whangamata Harbour Entrance Leading Lights. Ldg Lts 288° 17' Front	37 12.18 175 52.67		F R	10	4	Grey concrete pole	Neon □
<b>3897.1</b>	Ldg Lts Rear	37 12.18 175 52.66		F R	12	4	Grey concrete pole	Neon □
<b>3897.2</b>	Whangamata Harbour Outer	37 12.25 175 52.98		Q G	3	2	Green beacon □	
<b>3897.3</b>	Whangamata Harbour Inner	37 12.12 175 52.84		Q G	3	1	Green beacon □	
<b>3897.4</b>	Whangamata Harbour Wharf. Head	37 11.98 175 52.72		3 F RW	5		Beacon	Vertically disposed lights
<b>3898</b>	Mayor Island (Tuhua)	37 18.59 176 15.49		FI(3)WR 15s	30	W7 R4	White metal column 4	<i>(fl 0.5, ec 1) x 2, fl 0.5, ec 11.5</i> W 236°-248.5° (12.5°) R 248.5°-274.5° (26°) W 274.5°-094.5° (180°)
<b>KATIKATI HARBOUR</b>								
<b>3898.197</b>	BTN	37 27.42 175 58.38		FI(2+1)R 3s			Red, green and red horizontal stripes, pile beacon	
<b>3898.198</b>	BT6	37 27.59 175 58.46		Q R 3s			Red pile beacon	<i>fl 0.3, ec 2.7</i>
<b>3898.199</b>	BT2	37 27.84 175 58.52		Q R 3s			Red pile beacon	<i>fl 0.3, ec 2.7</i>
<b>3898.2</b>	BOWENTOWN BEACON	37 28.34 175 58.72		Q(3)W 10s	3	5	Black, yellow and black horizontal stripes, pile beacon Black □ 3	
<b>3898.218</b>	MW	37 29.67 175 58.40		FI(2+1)G 3s	3	3	Green, red and green horizontal stripes, pile beacon Green □ 3	
<b>3898.231</b>	BK	37 27.93 175 58.56		FI(2+1)G 6s	2	1	Green, red and green horizontal stripes, pile beacon Green □ 2	
<b>3898.232</b>	BK2	37 28.00 175 58.52		FI R 3s	3		Red pole Red □ 3	<i>fl 0.3, ec 2.7</i>
<b>3898.234</b>	BK4	37 27.92 175 58.40		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.236</b>	BK8	37 27.88 175 58.05		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.237</b>	BK10	37 28.06 175 57.82		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.238</b>	BK12	37 28.24 175 57.72		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.239</b>	BK14	37 28.43 175 57.62		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>

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>3898.24</b>	TP	37 28.49 175 57.48		FI(2+1)G 6s	2	1	Green, red and green horizontal stripes, pile beacon Green □ 2	
<b>3898.241</b>	BK16	37 28.74 175 57.44		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.243</b>	BK20	37 29.02 175 57.37		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.245</b>	BK24	37 29.31 175 57.60		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.247</b>	BK28	37 29.57 175 57.87		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
<b>3898.248</b>	BK35	37 29.72 175 58.25		Q G 3s			Green pile beacon	<i>fl 0.3, ec 2.7</i>
<b>3898.25</b>	TP2	37 28.55 175 57.14		FI R 3s	2	1	Red pile beacon Red □ 2	
<b>3898.251</b>	TP4	37 28.65 175 56.94		FI R 3s	2	1	Red pile beacon Red □	
<b>3898.5</b>	MW RGR	37 31.44 175 58.96		FI(2+1)G 3s			Green, red and green horizontal stripes, pile beacon Green □	
<b>3898.6</b>	URETARA BEACON	37 32.25 175 57.40		Q W			Black and yellow horizontal stripes, pile beacon Black □	
<b>TAURANGA HARBOUR</b>								
<b>3899</b>	<b>The Mount</b>	37 37.65 176 10.38		FI W 15s	80	<b>24</b>	White concrete beacon 1	W 132°-311.5° (179.5°) Square structure
<b>3899.05</b>	'A' Beacon	37 36.07 176 10.71		VQ(3)W 5s	14	6	Black, yellow and black horizontal stripes, pile beacon Black □	Ra refl AIS AtoN, MMSI 995126086
<b>3899.1</b>	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
<b>3899.2</b>	North West Rock	37 37.75 176 09.99		FI W 2s	7	5	Metal column	<i>fl 0.3, ec 1.7</i>

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>3899.4</b>	No.1 Reach. And Cutter Channel. Outbound.	37 38.06 176 09.46		F G  Dir F WRG 3s	14  15		White daymark black vertical stripes 13	Neon □  F G (Intensified) 291.5°- 292° (0.5°) Intens by day on request to Port of Tauranga Al WG (Intensified) 292°- 297° (5°) Alternating white phase increasing with bearing. Intens by day on request to Port of Tauranga. F W (Intensified) 297°- 297.5° (0.5°) Intens by day on request to Port of Tauranga Al WR (Intensified) 297.5°- 302.5° (5°) Alternating red phase increasing with bearing. Intens by day on request to Port of Tauranga. F R (Intensified) 302.5°- 304.5° (2°) Intens by day on request to Port of Tauranga Iso R (Intensified) 304.5°- 306.5° (2°) Intens by day on request to Port of Tauranga
<b>3899.41</b>	Ldg Lts Rear	37 38.15 176 09.40		F G  Dir Al WRG	17  12		White daymark black vertical stripes	Neon triangle, point down. 178m from front Al WG 207.25°-208.13° (0.9°) DIRECTIONAL LIGHT. The directional approach light is operated on request. Vessels are to contact Port of Tauranga. Alternating green light range 4.0M F W 208.13°-209.88° (1.8°) DIRECTIONAL LIGHT. The directional approach light is operated on request. Vessels are to contact Port of Tauranga. Al WR 209.88°-210.75° (0.9°) DIRECTIONAL LIGHT. The directional approach light is operated on request. Vessels are to contact Port of Tauranga. Alternating red light range 4.0M Occas
<b>3899.51</b>	No.1 Reach Dredged Channel. Rear	37 38.11 176 09.37		F R	14		White daymark black vertical stripes	Neon □ 136m from front

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>3899.7</b>	No.2 Reach. Ldg Lts 180° 10' Front	37 38.87 176 09.82		Iso G 2s	11	6	White concrete pile beacon White □	
	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°)
<b>3899.8</b>	No.2 Reach. Rear Dir Lt	37 39.27 176 09.81		Dir F WRG	5		Metal, concrete pile beacon Orange □ 15	F G 175.2°-175.9° (0.7°) Al WG 175.9°-179.9° (4°) White phase increasing with bearing. F W 179.9°-180.4° (0.5°) Al WR 180.4°-184.4° (4°) Red phase increasing with bearing. F R (Intensified) 184.4°- 185.2° (0.8°) Intensified by day. Tripod
<b>3900</b>	No.4, Stony Point	37 38.21 176 10.12		Q(2)R 3s	6	4	Red pile beacon Red □	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7</i>
<b>3900.4</b>	P1	37 38.27 176 10.22		VQ(9)W 10s			Yellow, black and yellow horizontal stripes, pile beacon Black □	
<b>3902</b>	P3	37 38.24 176 10.37		FI G 3s			Green pile beacon Green □	
<b>3902.4</b>	P5	37 38.31 176 10.58		Q G			Green pile beacon Green □	
<b>3903</b>	P7	37 38.43 176 10.68		Q(6) + LFI W 15s			Yellow and black horizontal stripes, pile beacon Black □	
<b>3904</b>	Salisbury Avenue Jetty. Head	37 38.43 176 10.86		F W	9		Mast	W (Obscured) 133°- 358° (225°)
				F W	9	2		W 358°-133° (135°) white vertically disposed
				F R	8	2		R 358°-133° (135°) red vertically disposed
<b>3904.1</b>	Tug Berth. North Jetty. Head	37 38.46 176 10.86		2 F Y(vert)			Beacon	
<b>3904.29</b>	Cutter Channel	37 38.66 176 10.94		F W	35		Orange and white stripes (direction unknown), tower □ 35	Neon □
<b>3904.3</b>	Cutter Channel. Old rear lead	37 38.70 176 11.06		F G	39		Tower □ 39	Neon TriangleLattice
<b>3904.34</b>	No.6	37 38.36 176 10.42		Iso R 2s			Red pile beacon Red □	
<b>3904.5</b>	Mount Maunganui Wharf. North End	37 38.48 176 10.88		2 F G(vert)	7	5	Beacon	
<b>3904.8</b>	No.11	37 38.79 176 10.70		Iso G 2s			Green pile beacon Green □	
<b>3905</b>	No.13	37 38.91 176 10.75		Iso G 2s			Green pile beacon Green □	
<b>3905.1</b>	Mount Maunganui Wharf. RoRo Berth	37 38.97 176 10.97		2 F R(vert)			Beacon	
<b>3905.2</b>	No.15	37 39.04 176 10.74		Iso G 2s			Green pile beacon Green □	
<b>3905.3</b>	No.17	37 39.31 176 10.60		Iso G 2s			Green pile beacon Green □	
<b>3907</b>	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
<b>3908.1</b>	No.8	37 39.75 176 10.84		Iso R 2s			Red pile beacon Red □	
<b>3908.4</b>	Town Reach	37 39.96 176 10.59		FI Y 5s			Yellow pile beacon Yellow X	

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>3909</b>	Sulphur Point Wharf. North End	37 39.47 176 10.53		2 F R(vert)			Beacon	
<b>3909.1</b>	Sulphur Point Wharf. South End	37 39.90 176 10.47		3 F GWR(vert)			Beacon	
<b>3911</b>	Tanker Berth. North End	37 39.81 176 10.83		2 F WY(vert)			Beacon	
<b>3911.1</b>	Tanker Berth. South End	37 39.94 176 10.80		2 F WG(vert)			Beacon	
<b>3913</b>	No.10	37 40.13 176 10.60		Q R			Red pile beacon Red □	
<b>3913.5</b>	No.12	37 40.26 176 10.54		Q R			Red pile beacon Red □	
<b>3914</b>	Tauranga Bridge Marina, North Breakwater Head	37 40.25 176 10.57		2 F R(vert)	4	2	Pole	
<b>3915</b>	Tauranga Bridge Marina, South Breakwater Head	37 40.25 176 10.60		Q G	3	2	Pole	
<b>3919</b>	Hunters Creek	37 38.44 176 08.07		FI(2+1)G 6s	7	5	Green, red and green horizontal stripes, concrete pile beacon Green □	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7, fl 0.3, ec 2.7</i>
<b>3919.01</b>	HC1	37 38.44 176 08.18		FI G 3s	2	1	Green pile beacon 2	
<b>3919.02</b>	HC2	37 38.33 176 07.89		FI R 3s	2	1	Red pile beacon 2	
<b>3919.03</b>	HC3	37 38.34 176 08.07		FI G 3s	2	1	Green pile beacon 2	
<b>3919.035</b>	HC3A	37 38.32 176 07.95		FI G 3s	2	1	Green pile beacon Green □ 2	
<b>3919.04</b>	HC5	37 38.21 176 07.82		FI G 3s	2	1	Green pile beacon Green □ 2	
<b>3919.05</b>	HC7	37 38.14 176 07.72		FI G 3s	2	1	Green pile beacon 2	
<b>3919.2</b>	WC10	37 38.67 176 08.24		Q R			Red pile beacon	<i>fl 0.3, ec 0.7</i>
<b>3919.3</b>	WC12	37 38.70 176 07.62		Q R			Red pile beacon	<i>fl 0.3, ec 0.7</i>
<b>3919.303</b>	WC14	37 38.84 176 06.90		Q R	3	2	Red pile beacon Red □ 3	
<b>3919.305</b>	WC16	37 38.89 176 06.37		FI R 3s	2	1	Red pile beacon Red □ 2	<i>fl 0.3, ec 2.7</i>
<b>3919.306</b>	WC18	37 38.98 176 05.93		FI R 3s	2	2	Red pile beacon Red □ 2	<i>fl 0.3, ec 2.7</i>
<b>3919.307</b>	WC18B	37 39.14 176 05.57		FI R 3s	2	2	Red pile beacon Red □ 2	<i>fl 1, ec 2</i>
<b>3919.308</b>	WC18(C)	37 39.28 176 05.17		FI R 3s	2	2	Red pile beacon	
<b>3919.31</b>	WC11	37 39.09 176 05.08		FI G 3s	2	2	Green pile beacon Green □	
<b>3919.311</b>	WC13	37 39.14 176 04.63		Q G	2	2	Green pile beacon Green □	
<b>3919.312</b>	WC15	37 39.18 176 04.21		FI G 3s	2	2	Green pile beacon Green □	
<b>3919.313</b>	WC15(B)	37 39.12 176 03.89		Q G	2	2	Green pile beacon Green □	
<b>3919.314</b>	WC17	37 39.10 176 03.29		FI G 3s	2	2	Green pile beacon	
<b>3919.315</b>	WC21	37 38.97 176 03.15		FI G 3s	2	2	Green pile beacon Green □	

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)
3919.316	WC20	37 39.28 176 03.58		FI R 3s			Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
3919.318	WC23	37 38.78 176 03.07		Q G	2	2	Green pile beacon Green □	
3919.32	WC22	37 37.71 176 03.83		FI R 3s		1	Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
3919.321	WC24	37 37.56 176 03.66		FI R 3s	2	1	Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
						2		
3919.322	Omokoroa 'OP'	37 38.00 176 03.32		FI G 3s	2	1	Green pile beacon	
3919.323	WC25	37 38.41 176 03.13		Q G			Green pile beacon Green □	
3919.325	Rangiwaia 'A'	37 38.40 176 06.23		FI(2+1)R 10s		2	Red, green and red horizontal stripes, pile beacon Red □	
3919.327	Rangiwaia 'B'	37 38.26 176 06.04		FI R 3s	2	1	Red pile beacon Red □	<i>fl 0.3, ec 2.7</i>
						2		
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	Motuhoa	37 37.92 176 04.46		FI G 3s	2	1	Green pile beacon Green □	
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 pile beacon Red □	<i>fl 0.3, ec 2.7</i>
						2		
3919.5	Western 'B'	37 37.86 176 05.25		FI(2+1)G 6s			Green, red and green horizontal stripes, pile beacon Green □	
3919.6	Western 'C'	37 37.99 176 04.85		Q G			Green pile beacon Green □	
3919.7	Western 'G'	37 39.14 176 03.40		FI(2+1)G 6s			Green, red and green horizontal stripes, pile beacon Green □	
3919.8	Omokoroa 'D'	37 37.50 176 03.38		Q R			Red pile beacon Red □	
3919.85	Western 'E'	37 37.27 176 03.18		FI R 3s	2.5	1	Red pile beacon Red □	
3919.9	Western F	37 36.85 176 02.89		Q G			Green pile beacon Green □	
3920.2	Otumoetai 'A'	37 39.38 176 10.13		Q G			Green pile beacon Green □	<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 pile beacon Red □	<i>fl 0.3, ec 0.7</i>
3920.35	Otumoetai 'C'	37 39.56 176 09.80		FI(2+1)R 6s			Red, green and red horizontal stripes, pile beacon Red □	<i>fl 0.3, ec 0.7, fl 0.3, ec 1.7,</i> <i>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 pole Red □	<i>fl 0.3, ec 2.7</i>



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)
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		F WRG	11	9	White pile beacon 11	G 324°-329° (5°) W 329°-331° (2°) R 331°-336° (5°) AIS AtoN, MMSI 995121038. G 315°-329° (14°) R 331°-358° (27°)
				By night		9		
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 framework 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	BUM 8 Ldg Lts 54° 31' Front	38 40.37 178 01.60		F Bu	8.5	19	Black metal pile beacon 8.5	
3966.1	Ldg Lts Rear	38 40.28 178 01.76		F Bu		19	Black and orange vertical stripes, metal framework tower 11	
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 framework 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 framework tower 4	fl 1, ec 14
NAPIER HARBOUR								
3980.5		39 26.21 176 52.03		Aero Oc R 1.5s	8		Beacon	ObstructionOccas
3981	Westshore	39 27.47 176 52.31		FI WRG 10s	15	W16 R13 G13	White metal framework 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°)
3981	South Pania Channel Dir Lt 280°	39 27.47 176 52.31		Dir F WRG	15	14	White metal framework tower 13	F G 278.25°-279.5° (1.3°) F W 279.5°-280.5° (1°) F R 280.5°-281.75° (1.3°)
						4		
3981.2	PEL 6 Westshore Dir Lt	39 28.64 176 52.95		Dir F WRG	17	14	Grey concrete pole 17	F G 228.3°-229.3° (1°) F W 229.3°-230.8° (1.5°) F R 230.8°-231.8° (1°)
				By day		4		
3981.5	E Pier Dir Lt	39 28.66 176 53.75		Dir Oc WRG 10s	10	11	Blue 4	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°) hut
				By day By night Iso R 4s		3 6		
3981.6	Western Entrance	39 28.69 176 53.66		FI(5)G 20s	4	4	Green wooden pile beacon 2	
3981.7	Inner Harbour Dir Lt	39 29.13 176 53.56		Dir F WRG	6	7	Yellow metal framework tower Yellow □	F G 186.8°-191.5° (4.7°) F W 191.5°-191.9° (0.4°) F R 191.9°-196.6° (4.7°)



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)
				<i>By day</i>		1		
<b>3982.7</b>	Dir Lt 171°	39 28.47 176 54.70		F Bu	10	1	Pole	Neon
<b>3982.71</b>	Ldg Lts Rear	39 28.53 176 54.71		F Bu	19	1	Pole	Neon
<b>3982.72</b>	Yellow Lead	39 28.48 176 54.68		F Y	12	3	White and red stripes (direction unknown), pile beacon White □	Neon
							14	
<b>3982.721</b>	Ldg Lts Rear	39 28.60 176 54.72		F Y	27	3	White and yellow stripes (direction unknown), tower, Floodlit	Neon
							33	
<b>3982.9</b>	Ldg Lts 158° 02' Front	39 28.50 176 54.94		F Bu	34	1	tower, Floodlit	Neon
<b>3982.91</b>	Ldg Lts Rear	39 28.63 176 55.01		F Bu	34	1	tower, Floodlit	Neon
<b>3983</b>	Breakwater Harbour	39 28.48 176 54.81		F R	19		Red and yellow daymark pole	Neon Triangle
<b>3983.1</b>	Dir Lt 168°	39 28.63 176 54.85		Dir F GRYW	25	11	Red and yellow daymark pole	F Y 164°-166° (2°) F G 166°-167° (1°) F W 167°-169° (2°) F R 169°-174° (5°) Neon Triangle
<b>3983.15</b>	Inner Directional Light Dir Lt	39 28.43 176 55.33		Dir Al WRG	28	2	framework tower, Floodlit	F G 094°-102° (8°) Al WG 102°-107° (5°) F W 107°-116° (9°) Al WR 116°-121° (5°) F R 121°-129° (8°)
<b>3983.2</b>	Breakwater	39 28.17 176 55.20		VQ(2)W 5s	12	5	White mast	<i>fl 0.3, ec 0.3, fl 0.3, ec 4.1</i>
							9	
<b>3983.25</b>	Ldg Lts Rear	39 28.53 176 55.31		F Bu	34	1	framework tower, Floodlit	Neon
<b>3983.3</b>	Mole Head	39 28.24 176 54.93		Oc R 3s	9	4	White metal framework tower	<i>ec 0.5, fl 2.5</i>
							7	
<b>INNER HARBOUR</b>								
<b>3990</b>	Ldg Lts 245° 49' Front	39 35.24 176 56.24		F R	7	10	Pile beacon Orange □	Neon □
<b>3990.1</b>	Ldg Lts Rear	39 35.27 176 56.15		F R	10	10	White pole Orange □	Neon □
<b>3991</b>	Clifton Ldg Lts 212° 16' Front	39 38.41 177 00.41		F W	5	3	Concrete pole Red □	
							5	
<b>3991.1</b>	Ldg Lts Rear	39 38.42 177 00.40		F W	8	3	Concrete pole Red □	
							8	
<b>3992</b>	Cape Kidnappers / Te Kauwae-a-Māui (M)	39 38.71 177 05.47		Fl(2)W 15s	112	8	White metal framework tower	<i>fl 1, ec 2, fl 1, ec 11</i>
<b>3993</b>	Blackhead Point (M)	40 13.03 176 47.22		Fl(2)W 10s	41	9	White metal framework tower	<i>fl 1, ec 1, fl 1, ec 7</i>
							4	
<b>3994</b>	<b>Castlepoint (M)</b>	40 54.02 176 13.88		Fl(3)W 30s	52	19	White metal tower	<i>fl 0.2, ec 2, fl 0.3, ec 2, fl 0.2, ec 25.3</i> W 209°-029° (180°)
	Reserve light			Fl(3)W 30s		10		
<b>3998</b>	Honeycomb (M)	41 20.62 175 49.65		LFI W 10s	57	10	White metal framework tower	<i>fl 2, ec 8</i>
							4	
<b>4000</b>	<b>Cape Palliser (Matakitakiakupe) (M)</b>	41 36.72 175 17.40		Fl(2)W 20s	78	26	White and red horizontal stripes, metal tower	Concrete base.
							18	
	Reserve light			Fl(2)W 20s		10		

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)
WELLINGTON HARBOUR (Port Nicholson)								
<b>4004</b>	Baring Head/Ōrua-pouanui (M)	41 24.50 174 52.27		Oc W 15s	87	14	White concrete tower 12	<i>ec 6, fl 9</i> W (Obscured) 169°- 192° (23°) W (Obscured) 296°- 301° (5°) W 301°-169° (228°)
<b>4006</b>	Pencarrow Head	41 21.56 174 50.87		Fl(3)WR 12s	18	W12 R10	White concrete tower 17	<i>(fl 1, ec 2) x 2, fl 1, ec 5</i> W 000.5°-081° (80.5°) R 081°-176.5° (95.5°) W 176.5°-187.5° (11°)
<b>4007</b>	Lyall Bay	41 20.40 174 47.46		Aero Oc R			Tower	
<b>4007.4</b>		41 20.41 174 48.74		Aero Oc R			Tower	
<b>4010</b>	<b>Main Entrance.</b> <b>Front Ldg Lts 16°</b> <b>24' Front</b> <b>Reserve light</b> <b>Reserve light</b>	41 19.06 174 51.35		Q W	7	<b>21</b>	White framework tower 4	Black metal pile structure
<b>4010.1</b>	Ldg Lts Rear	41 17.79 174 51.85		Iso WRG 4s	17	<b>W22</b> R8 G11	Orange and yellow horizontal stripes, metal pile beacon	Standby light Emergency light 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
				<i>By day Iso W</i> <i>4s</i>		4		
<b>4010.2</b>	Ldg Lts Rear Dir Lt 168°	41 20.13 174 51.65		Iso W 2s	9.3	10	White framework tower 6	W 165°-170° (5°)
<b>4011</b>	Steeple Rock	41 19.46 174 50.74		Iso WR 6s	7	W9 R8	Red and white horizontal stripes, framework tower	W 133°-190° (57°) R 190°-015° (185°)
<b>4012</b>	Falcon Shoals	41 18.26 174 51.02		Fl R 3s	6	3	Red and white horizontal stripes, pile beacon	
<b>4013</b>	Seatoun Wharf	41 19.12 174 49.82		F R	6		Pole 3	Neon
<b>4014</b>	Matiu/Somes Island, S side	41 15.58 174 51.82		LFI W 10s	29	7	White tower	<i>fl 4, ec 6</i> W 314°-107° (153°)
<b>4018</b>	<b>Point Halswell</b>	41 17.04 174 49.57		Fl W 3s	8	<b>15</b>	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°)
<b>4019.6</b>	Evans Bay	41 18.61 174 48.43		Q G	3	5	Black pile beacon	
<b>4020</b>	Burnham Wharf. Head	41 18.61 174 48.72		2 F G(vert)	9		Pole	Top light 9m, Bottom light 7m
<b>4021</b>	Miramar Wharf. Head	41 18.80 174 48.65		2 F R(vert)	9		Pole	Top light 9m, Bottom light 7m
<b>4021.4</b>	Off Breakwater head	41 18.70 174 48.03		Q G	3	2	Pile beacon	
<b>4021.5</b>	N pier	41 18.68 174 47.96		F R			Metal mast	Neon □
<b>4021.6</b>	Middle pier	41 18.72 174 47.96		F R			Metal mast	Neon □
<b>4021.7</b>	S Pier	41 18.75 174 47.94		F R			Metal mast	Neon □

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)
4022	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°) 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	fl 0.1, ec 0.9
4032	Chaffers Marina	41 17.31 174 46.98		FI R 5s		3	Wooden pile beacon	fl 1, ec 4
4032.1		41 17.36 174 46.99		FI G 5s	3	3	Wooden pile beacon	fl 1, ec 4
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	ec 1, fl 2 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		2 Q R(hor)	106	R3 R1	White metal mast 6	fl 0.1, ec 0.9
4054	Port Nicholson. Days Bay Wharf. Head	41 16.84 174 54.30		2 F GW(vert)	7		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		FI W 5s	5	4	Wooden mast 4	fl 0.3, ec 4.7
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	fl 0.4, ec 0.6, fl 0.4, ec 3.6
4057.6	N Breakwater Head	41 15.08 174 54.12		Q(2)R 5s	5	2	Wooden mast 4	fl 0.4, ec 0.6, fl 0.4, ec 3.6 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
COOK STRAIT								
4061	Island Bay. Ldg Lts 12° 18' Front	41 20.65 174 46.27		F R			Pole	Occas
4061.1	Ldg Lts Rear	41 20.63 174 46.28		F R			Pole	Occas
4062.1	Tongue Point (M)	41 20.38 174 39.62		FI WR 4s	44	W9 R6	White metal tower 4	fl 0.8, ec 3.2 W 012°-139.3° (127.3°) R 297.4°-012° (74.6°)
4063	Oteranga. S Limit	41 19.08 174 38.12		FI(3)WR 20s	90	W7 R4	White and orange vertical stripes, beacon White □	(fl 1.5, ec 0.5) x 2, fl 1.5, ec 14.5 R 058°-148° (90°)

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)
								W 328°-058° (90°) More than one
<b>4063.4</b>	Oteranga. N Limit	41 17.70 174 37.10		LFI WR 20s	25	W8 R5	White and orange vertical stripes, beacon White □	<i>fl 5, ec 15</i> R 017°-107° (90°) W 107°-197° (90°) More than one
<b>4066.2</b>	Ohau Point (M)	41 14.35 174 38.72		Fl(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>PORIRUA HARBOUR</b>								
<b>4066.3</b>	Goat Point. Mana. Dir Lt 100° 06' Front	41 05.33 174 52.00		Dir Oc WRG 2.5s			Column White □	<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>		41 06.38 174 51.93					White pile beacon White □	
<b>4066.4</b>	Paremata Dir Lt 171° 24' Front	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		Fl(4)G 6s	4	1	Green pile beacon Green □ 4	
<b>4066.6</b>	Mana Marina. N breakwater. Head	41 06.07 174 51.96		Fl 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		Fl 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		Fl G 2s	4	1	Green pile beacon Green □ 4	
<b>4067</b>	<b>Paraparaumu</b>	40 54.09 174 59.51		Aero Fl W 3.5s	24	15	Tower	Shown sunset to 2200Occas
<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 Fl W 4s	39	15		Occas
<b>4076</b>	Centre	39 56.77 174 59.12		Fl R 2s	9	4	Mast □ 7	<i>fl 0.5, ec 1.5</i>
<b>4078</b>	North Head, Bar. Ldg Lts 59° Front	39 56.70 174 59.41		F R	16		White pile beacon Black X	Neon □
<b>4078.1</b>	Ldg Lts Rear	39 56.67 174 59.47		F R	23		White and black vertical stripes, pile beacon O	Neon □ 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		Fl 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
<b>4084.6</b>	Maari Wellhead Platform	39 59.15 173 17.63		Mo(U)W 15s Horn (U) 30s	27	10		<i>(fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7</i> At SE & NW corners of platform. <i>(bl 0.75, si 1) x 2, bl 2.5, si 24 Morse</i>
<b>4084.75</b>	FPSO Raroa	39 58.36 173 17.86		Mo(U)W 15s		10	FPSO	<i>(fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7</i> Shown on forward mast

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)
			Mo(U)R 15s		10		(fl 0.65, ec 0.25) x 2, fl 1.5, ec 11.7 Shown on the port & starboard bridge wings
			Horn (U) 30s				(bl 0.75, si 1) x 2, bl 2.5, si 24 Morse
<b>4085</b>	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°)
<b>4086</b>	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°)
<b>4087</b>	Gas Production Platform	39 33.28 173 26.95	Aero Mo(U)WR 15s Horn (U) 30s Oc(2)R 6s Oc R 10s	27 49 21	10 11 5	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. Maui A ec 1, fl 1 ec 1, fl 3 R 226.5°-256.5° (30°) Pipeline marker light. On NE side. ec 4, fl 6 R 038°-060° (22°) Pipeline marker light. On SW side.
<b>4087.5</b>	<b>Maui B</b>	39 38.72 173 19.01	Aero Mo(U)WR 15s Horn (U) 30s Fl(3)R 10s	18 19	<b>15</b> 5	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 R 208.5°-252° (43.5°) Pipeline marker light. On NE side.
<b>4087.8</b>	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
<b>4088</b>	<b>Cape Egmont (M)</b>	39 16.50 173 45.21	Fl W 8s	33	<b>19</b>	White metal tower 20	fl 0.1, ec 7.9 W (Obscured) 200°- 210° (10°) W (Obscured) 342°- 352° (10°) W 352°-200° (208°)
<b>4089</b>	Puniho (M)	39 11.58 173 47.50	Fl(3)W 10s	8	9	White metal tower 4	(fl 0.5, ec 1.5) x 2, fl 0.5, ec 5.5
<b>PORT TARANAKI</b>							
<b>4090</b>	Mikotahi	39 03.31 174 01.78	Fl(2)W 5s	30	10	Grey metal tower	fl 0.5, ec 1, fl 0.5, ec 3 W (Obscured) 047.4°- 066° (18.6°) W 066°-127° (61°) W (Partially obscured) 127°-133° (6°) Obscured only beyond Motumahanga W 133°-159° (26°) W (Partially obscured) 159°-171° (12°) Obscured only beyond Moturoa W 171°-242° (71°) W (Obscured) 242°- 305° (63°) White top

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>4091</b>	<b>Airport (New Plymouth)</b>	39 00.49 174 10.84		Aero FI W 3.7s	42	<b>15</b>	Tower	<i>fl 0.2, ec 3.5</i> Occas
<b>4092</b>	Breakwater. Head	39 03.04 174 02.53		FI G 2s	13	10	Green mast 6	<i>fl 0.4, ec 1.6</i>
<b>4092.5</b>	Port Taranaki Wave Recorder Light	39 03.20 174 02.77		FI Y 2s	9	3	Orange wooden, metal pole 5	<i>fl 0.2, ec 1.8</i> Wooden platform on orange metal tripod structure
<b>4092.8</b>	Lee Breakwater. Head	39 03.30 174 02.68		Q(4)R 6s	13	5	Red mast	<i>(fl 0.5, ec 0.5) x 3, fl 0.5, ec 2.5</i>
<b>4093</b>	Port Taranaki Leading Light Ldg Lts 197° 16' Front	39 03.65 174 02.51		VQ R	9	R5 R12	Orange pole Orange O	R strip light 1m longPyramid
<b>4093.1</b>	Ldg Lts Rear	39 03.72 174 02.48		VQ R	20	R5 R12	Orange pole Orange O	R strip light 1m longPyramid. 140m from front
<b>4093.3</b>	Turning Basin Centre Light	39 03.14 174 02.29		FI Y 5s	4	1	White pole 1	Y 280°-063° (143°)
<b>4094</b>	Moturoa Wharf Light Ldg Lts 242° 47' Front	39 03.41 174 01.90		VQ W	8	4	White pole Orange □	
<b>4094.1</b>	Ldg Lts Rear	39 03.44 174 01.83		VQ W	13	4	Orange □ 7	121m from front
<b>4094.5</b>	Blyde Wharf light Ldg Lts 247° 31' Front	39 03.44 174 01.98		VQ G	15	3	Green pole Orange □	
<b>4094.51</b>	Ldg Lts Rear	39 03.46 174 01.94		VQ G	20	3	Orange □ 12	62m from front
<b>4095</b>	Breakwater Berth Light Ldg Lts 285° 06' Front	39 03.28 174 02.08		VQ R	18	3	Red metal pole	mast
<b>4095.1</b>	Ldg Lts Rear	39 03.26 174 02.00		VQ R	24	3	Red metal pole	mast. 118m from front
<b>4095.2</b>	Port Taranaki Marina Light	39 03.42 174 02.83		Q R	3		Red pole	
<b>4095.5</b>	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.
<b>4095.8</b>	Pohokura B	38 54.70 174 16.30		2 Mo(U)W 15s	24	10	Production platform	<i>(fl 1, ec 1) x 2, fl 3, ec 8</i>
				3 Mo(U)R 15s Horn (U) 30s	24	4		<i>(fl 1, ec 1) x 2, fl 3, ec 8</i> <i>(bl 0.7, si 1) x 2, bl 2.5, si</i> <i>24.1 Morse</i>
<b>TAHAROA</b>								
<b>4096</b>	Ironsand Terminal	38 09.94 174 42.30		LFI(2)W 20s	36	12	Red and white horizontal stripes, tower 12	<i>fl 2, ec 4, fl 2, ec 12</i>
<b>4097</b>	Prohibited Anchorage Area. S Limit. Ldg Lts 81° 30' Front	38 10.72 174 42.38		F R	3	3	White and red stripes (direction unknown), beacon	Neon □Rectangular
<b>4097.5</b>	Ldg Lts Rear	38 10.71 174 42.43		F R	4	3	White and red stripes (direction unknown), beacon	Neon □Rectangular
<b>4098</b>	Prohibited Anchorage Area. N Limit. Ldg Lts 90° Front	38 10.00 174 42.16		F R	3	3	White and red stripes (direction unknown), beacon	Neon □Rectangular
<b>4098.5</b>	Ldg Lts Rear	38 10.00 174 42.27		F R	6	3	White and red stripes (direction unknown), beacon	Neon □Rectangular

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>4099</b>	<i>Taharoa Offshore Terminal</i>	38 10.59 174 39.91		FI W 5s		6	Orange	<i>fl 1, ec 4</i> Ra refl AIS AtoN, MMSI 995121026
<b>KAWHIA HARBOUR</b>								
<b>4101</b>		38 05.63 174 47.57		Q W	7	5	White and yellow horizontal stripes, pole White □	<i>fl 0.2, ec 0.8</i> Dangerous to use in line with K4101.1 for crossing the bar. Vessels should not attempt to enter without recent local knowledge.
<b>4101.1</b>		38 05.75 174 47.81		Iso W 4s	11	5	White and yellow horizontal stripes, beacon White □	See K4101 Dangerous to use in line with K4101 for crossing the bar. Vessels should not attempt to enter without recent local knowledge.
<b>RAGLAN HARBOUR</b>								
<b>4104</b>	Putoetoe Point. Ldg Lts 89° 18' Front	37 48.05 174 51.76		F R	7	12	Beacon □ 7	Caution: Vessels should not attempt to enter without recent local knowledge.
<b>4104.1</b>	Putoetoe Point. Middle.	37 48.04 174 52.04		F R	13	12	Beacon □	
<b>4104.2</b>	Ldg Lts Rear Dir Lt	37 48.04 174 52.39		Dir F WRG	26	<b>W22 R20 G20</b>	Beacon □ 8	Alignment of white sector may be altered to indicate deepest water. Light range Red 20.0, light range Green 20.0.
<b>4104.3</b>		37 47.94 174 51.96		F R	3	1	Red wooden pole Red □	
<b>MANUKAU HARBOUR</b>								
<b>4107</b>	Ninepin Rock	37 03.02 174 30.19		FI(4)W 30s	29	14	1	( <i>fl 0.1, ec 4.9</i> ) x 3, <i>fl 0.1, ec 14.9</i> Ra refl Pedestal
<b>4108</b>	Manukau Heads	37 03.07 174 32.72		Oc W 6s	234	12	White wooden	<i>ec 2, fl 4</i> W 028°-130° (102°) W (Obscured) 130°- 238° (108°)
<b>4109</b>	Papakura Channel No.2 Dir Lt	37 01.48 174 40.07		Dir FI WR	4	7	Red metal pile beacon Red □	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>
<b>4110</b>	1	37 02.37 174 40.80		Q R Q G	6 4	3 3	Green metal pile beacon Green □	<i>fl 0.3, ec 0.7</i>
<b>4110.01</b>	Grahams Beacon	37 03.40 174 40.85		FI R 2s	3	2	Red wooden pile beacon Red □	
<b>4110.03</b>	Kauritutahi	37 05.01 174 39.94		FI R 8s	3	2	Red wooden pile beacon Red □	
<b>4110.05</b>	Matakawau Point Light	37 06.36 174 40.12		FI G 2s	12	2	Wooden pole 4	
<b>4110.06</b>	Kellys Landing	37 07.25 174 40.70		FI R 6s	3	2	Red wooden pile beacon Red □	
<b>4110.07</b>	Tokaroa Point Light	37 08.44 174 40.90		FI G 4s	3	2	Metal pole 3	



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)
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 metal pile beacon Red □	<i>fl 0.5, ec 1.5</i>
4110.2	6	37 01.96 174 43.52	FI R 4s	4	3	Red metal pile beacon Red □	<i>fl 1, ec 3</i>
4110.3	8	37 02.14 174 45.20	FI R 2s	4	3	Red metal pile beacon Red □	<i>fl 0.5, ec 1.5</i>
4110.33	1A	37 02.47 174 45.58	FI G 2s	3	3	Green wooden pile beacon Green □	
4110.38	8A	37 01.81 174 46.67	FI R 6s	3	3	Red wooden pile beacon Red □	
4110.4	No.3	37 02.16 174 46.71	FI G 6s	4	3	Green metal pile beacon Green □	<i>fl 0.5, ec 5.5</i>
4110.45	3A	37 02.09 174 47.48	FI(2)G 5s	3	3	Green wooden pile beacon Green □	
4110.5	5	37 02.12 174 47.93	Q G	4	3	Green metal pile beacon Green □	<i>fl 0.3, ec 0.7</i>
4110.6	10	37 01.89 174 47.96	Q R	4	3	Red metal pile beacon Red □	<i>fl 0.3, ec 0.7</i>
4110.7	7	37 02.24 174 49.03	Q G	3	3	Green metal pile beacon Green □	<i>fl 0.3, ec 0.7</i>
4110.8	9	37 02.38 174 49.53	FI G 4s	4	3	Green metal pile beacon Green □	<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	
4112.4		37 00.32 174 48.65	F W			Beacon	
4113	Auckland International Airport Light	37 00.38 174 47.35	Aero FI W 4s	38		Tower	Occas



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)
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	Framework tower	
4115	Lawry Point	36 59.44 174 37.01		FI W 5s	6	5	Red and white horizontal stripes, metal pile beacon	<i>fl 1, ec 1, fl 1, ec 2</i> Column
4116.15	Alpha	37 00.82 174 36.58		FI R 3s	2	2	Red metal pile beacon Red □	
							2	
4116.2	Wairopa Channel No.3	37 00.68 174 36.71		FI(3)G 6s			Green metal pile beacon Green □	
4116.25	Wairopa Channel No.5	37 00.43 174 36.74		Q(4)G 6s	2	2	Green metal pile beacon Green □	
							2	
4116.3	Wairopa Channel No.7	37 00.08 174 36.92		FI G 3s			Green metal pile beacon Green □	
4116.31	Wairopa Channel No.9	36 59.63 174 37.72		Oc G 3s	2	2	Green metal pile beacon Green □	
							2	
4116.32	Wairopa Channel No.11	36 58.97 174 38.38		FI(2)G 4s	2	2	Green metal pile beacon Green □	
							2	
4116.33	Wairopa Channel No.2	36 58.16 174 38.97		FI(2)R 5s	2	2	Red metal pile beacon Red □	
							2	
4116.34	Wairopa Channel No.13	36 57.49 174 40.06		FI(3)G 6s			Green metal pile beacon Green □	
4116.35	Wairopa Channel No.4	36 57.38 174 39.92		FI(3)R 6s	2	2	Red metal pile beacon Red □	
4116.36	Wairopa Channel No.15	36 57.29 174 40.37		Q(4)G 3s			Green metal pile beacon Green □	
4116.37	Wairopa Channel No.6	36 57.21 174 40.36		Q(4)R 6s	2	2	Red metal pile beacon Red □	
							2	
4116.38	Wairopa Channel No.15A	36 57.29 174 41.08		FI G 3s	2	2	Green metal pile beacon Green □	
							2	
4116.4	Wairopa Channel No.8	36 57.21 174 41.08		FI R 3s			Red metal pile beacon Red □	
4116.45	Wairopa Channel No.17	36 57.24 174 41.38		FI(2)G 5s	2	2	Green metal pile beacon Green □	
							2	
4116.5	Wairopa Channel No.10	36 57.16 174 41.32		FI(2)R 5s			Red metal pile beacon Red □	
4116.6	Wairopa Channel No.10A	36 56.91 174 41.66		FI(3)R 6s	2	2	Red metal pile beacon Red □	
							2	
4116.65	Wairopa Channel No.12	36 56.65 174 41.97		Q(4)R 6s	2	2	Red metal pile beacon Red □	
							2	
4116.7	Wairopa Channel No.19	36 56.71 174 42.06		Q(4)G 6s	2	2	Green metal pile beacon Green □	
							2	

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)
4116.75	Wairoa Channel No.21	36 56.51 174 42.40	Oc G 6s	2	2	Green metal pile beacon Green □ 2	
4116.76	Wairoa Channel No.14	36 56.45 174 42.38	Oc R 6s	2	2	Red metal pile beacon Red □ 2	
4116.77	Wairoa Channel No.23	36 56.46 174 42.74	FI G 5s	2	2	Green metal pile beacon Green □ 2	
4116.78	Wairoa Channel No.16	36 56.40 174 43.04	FI R 6s	2	2	Red metal pile beacon Red □ 2	
4116.79	Wairoa Channel No.25	36 56.51 174 43.67	Q(4)G 6s	2	2	Green metal pile beacon Green □ 2	
4116.8	Wairoa Channel No.18	36 56.44 174 43.67	FI(4)R 6s			Red metal pile beacon Red □	
4117	Wairoa Channel No.27	36 56.28 174 44.23	Q G	2	1	Green wooden pile beacon Green □	
4117.1	Wairoa Channel No.29	36 56.20 174 44.63	FI G 4s	2	1	Green wooden pile beacon Green □	fl 1.5, ec 2.5
4117.2	Wairoa Channel No.31	36 56.16 174 45.12	Q G	2	1	Green wooden pile beacon Green □	
4117.3	Wairoa Channel No.33	36 56.09 174 45.70	Oc G 6s	2		Green pile beacon Green □	
4117.4	Wairoa Channel No.20	36 56.02 174 45.69	Oc R 6s	2	2	Red wooden pile beacon Red □	ec 2, fl 4
4117.45	Wairoa Channel No.35	36 56.02 174 45.93	Q G	2		Green pile beacon Green □	
4117.5	Wairoa Channel No.20A	36 55.97 174 46.02	Q R	2	2	Red metal pile beacon Red □ 2	
4117.6	Wairoa Channel No.37	36 56.02 174 46.18	FI G 4s	2	1	Green wooden pile beacon Green □	fl 1.5, ec 2.5
4117.7	Wairoa Channel No.39	36 56.09 174 46.49	Q G	2	1	Green wooden pile beacon Green □	
4117.8	Wairoa Channel No.22	36 56.04 174 46.50	Q R	2	1	Red wooden pile beacon Red □	
4117.9	Wairoa Channel No.24	36 56.05 174 46.72	FI R 4s	2	1	Red wooden pile beacon Red □	fl 1.5, ec 2.5
4118	Wairoa Channel Reef Beacon	36 56.11 174 46.77	FI G 4s	4	2	Green wooden pile beacon Green □	
4119	Wairoa Channel Onehunga. Wharf. W end	36 55.99 174 46.96	F R	5	3		Shed A
4119.5	Wairoa Channel Silt deflector, Head	36 55.99 174 46.87	Q R	2		Red pile beacon Red □	
4122	Piha (M)	36 58.22 174 28.06	FI W 15s	266	20	White concrete tower 5	fl 0.1, ec 14.9
KAIPARA HARBOUR							
4130	Pouto Point	36 21.75 174 10.87	FI W 5s	6	6	White tower 4	fl 0.3, ec 4.7 W 190°-356° (166°)
4132	South Head	36 25.72 174 14.14	FI W 7.5s	41	8	White tower 4	fl 0.5, ec 7 Round

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(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
<b>4133</b>		36 29.16 174 19.43		Iso G 5s	2	5	Green wooden pole Green □ 2	<i>fl 2.5, ec 2.5</i>
<b>4134</b>	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
<b>4135</b>		36 35.97 174 23.07		FI G 6s	2	2	Green wooden pole Green □ 2	<i>fl 1.5, ec 4.5</i>
<b>4136</b>	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
<b>4137</b>	Kaipara River Entrance	36 37.10 174 25.13		Q(3)G 8s	3	2	White wooden pile beacon 3	
<b>4137.5</b>	Mussel Rock	36 15.68 174 15.05		Q R	3	2	Red metal pole Red □ 3	
<b>4138</b>	Wairoa River, Middle Channel, M1	36 14.24 174 06.84		Q G	3	2	Green metal pole Green □ 3	
<b>4139.05</b>	S3	36 12.95 174 07.95		FI G 3s	3	2	Green metal pole Green □ 3	
<b>4139.1</b>	S5	36 12.20 174 06.88		FI G 3s	3	2	Green metal pole Green □ 3	
<b>4140</b>	Sail Point. Summit	36 11.69 174 03.62		FI W 3s	10	6	White metal framework 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		FI R 3s	3	1	White and grey horizontal stripes, concrete pile beacon	
<b>4152</b>	Takataka Rock Light	35 22.58 173 32.39					Black, yellow and black horizontal stripes, concrete pile beacon	Column
<b>4153</b>	Tauroa Point (M)	35 11.07 173 03.46		FI(2)W 10s	65	9	White fibreglass tower 3	<i>fl 1, ec 1.5, fl 1, ec 6.5</i>