



## AERONAUTICAL SERVICES

### NZANR – Part 71 – Common Frequency Zones (CFZ)

NOTES: (1) Upper/Lower Limit is expressed in FT (AMSL) or FL (Flight Level) (2) Lower Limit = SFC for all CFZ

Identifier	Name	Upper Limit		Remarks
NZC172	NORTH SHORE CFZ	2500	FT	[Frequency:] 118.0 MHz, "North Shore traffic"
NZC173	HAURAKI GULF CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC173 lateral limits (1500 ft, 2500 ft and 3500 ft AMSL as applicable). [Frequency:] 120.4 MHz, "Hauraki traffic"
NZC174	BAY OF ISLANDS CFZ	3000	FT	[Frequency:] 119.4 MHz, "Bay of Islands traffic"
NZC175	HIKURANGI CFZ	6500	FT	[Frequency:] 118.6 MHz, "Hikurangi traffic"
NZC271	HARBOUR CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC271 lateral limits. [Frequency:] 123.65 MHz, "Harbour traffic"
NZC272	BLACKSANDS CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC272 lateral limits. [Frequency:] 123.75 MHz, "Blacksands traffic"
NZC273	MORRINSVILLE CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC273 lateral limits. [Frequency:] 123.25 MHz, "Morrinsville traffic"
NZC273_A	MORRINSVILLE CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC273 lateral limits. [Frequency:] 123.25 MHz, "Morrinsville traffic"
NZC273_B	MORRINSVILLE CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC273 lateral limits. [Frequency:] 123.25 MHz, "Morrinsville traffic"
NZC274	PENINSULA CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC274 lateral limits. [Frequency:] 124.5 MHz, "Peninsula traffic"
NZC279	ARDMORE CFZ			[Upper Limit:] LL CA [Frequency:] 118.1 MHz, "Ardmore traffic"
NZC372	TARANAKI CFZ			[Upper Limit:] LL CA [Frequency:] 124.65 MHz, "Taranaki traffic"
NZC373	MAUI CFZ			[Upper Limit:] 5500 ft or the lower limit of controlled airspace within NZC373 lateral limits. [Frequency:] 133.65 MHz, "Maui traffic"
NZC377	MANAWATU CFZ			[Upper Limit:] Lower limit of controlled airspace within the lateral limits of



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Identifier	Name	Upper Limit		Remarks
				NZC377 (1500 ft, 2500 ft and 3500 ft AMSL as applicable). [Frequency:] 122.6 MHz, "Manawatu traffic"
NZC378	RANGITIKEI CFZ			[Upper Limit:] LL CA [Frequency:] 124.1 MHz, "Rangitikei traffic"
NZC379	RIVER CFZ			[Upper Limit:] LL CA [Frequency:] 120.2 MHz, "River traffic"
NZC476	KAIMANAWA CFZ	6500	FT	[Frequency:] 134.0 MHz, "Kaimanawa traffic"
NZC478	CENTENNIAL PARK CFZ	4500	FT	[Frequency:] 134.45 MHz, "Centennial Park traffic"
NZC479	HASTINGS CFZ			[Upper Limit:] Lower limit of controlled airspace. [Frequency:] 125.8 MHz, "Hastings traffic"
NZC677	MARLBOROUGH SOUNDS CFZ			[Upper Limit:] Lower limit of controlled airspace. [Frequency:] 123.0 MHz, "Sounds traffic"
NZC678	PORIRUA CFZ			[Upper Limit:] LL CA [Frequency:] 118.3 MHz, "Porirua traffic"
NZC679	HUTT CFZ			[Upper Limit:] LL CA [Frequency:] 120.75 MHz, "Hutt Traffic"
NZC681	TARARUA CFZ			[Upper Limit:] Lower limit of controlled airspace. [Frequency:] 118.3 MHz, "Paraparaumu traffic"
NZC684	TASMAN CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC684 lateral limits. [Frequency:] 127.3 MHz, "Tasman traffic"
NZC684_A	TASMAN CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC684 lateral limits. [Frequency:] 127.3 MHz, "Tasman traffic"
NZC684_B	TASMAN CFZ			[Upper Limit:] Lower limit of controlled airspace within NZC684 lateral limits. [Frequency:] 127.3 MHz, "Tasman traffic"
NZC773	MILFORD SOUND CFZ	11000	FT	[Frequency:] 118.2 MHz, "Milford traffic"
NZC776	FIORDLAND CFZ			[Upper Limit:] 11,000 ft AMSL or the lower limit of controlled airspace within the lateral limits of NZC776. [Frequency:] 119.2 MHz, "Fiordland traffic" [Airspace Association:] Excluding that area bounded by the Milford Sound Common Frequency Zone.
NZC776_A	FIORDLAND CFZ	11000	FT	[Upper Limit:] 11,000 ft AMSL or the lower limit of controlled airspace within the lateral limits of NZC776. [Frequency:] 119.2 MHz, "Fiordland traffic" [Airspace Association:] Excluding that area bounded by the Milford Sound Common Frequency Zone.



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Identifier	Name	Upper Limit		Remarks
NZC776_S	FIORDLAND CFZ	11000	FT	
NZC874	CANTERBURY CFZ			[Upper Limit:] Lower limit of controlled airspace [Frequency:] 119.2 MHz, "Canterbury traffic"
NZC875	RANGIORA CFZ			[Upper Limit:] Lower limit of controlled airspace within the lateral limits of NZC875. [Frequency:] 120.2 MHz, "Rangiora traffic" [Airspace Association:] Excludes all that airspace bounded by a circle 1.5 NM radius centred on S43 17 24.0 E172 32 30.0 (Rangiora Aerodrome).
NZC875_A	RANGIORA CFZ			[Upper Limit:] Lower limit of controlled airspace within the lateral limits of NZC875. [Frequency:] 120.2 MHz, "Rangiora traffic"
NZC875_S	RANGIORA CFZ			[Frequency:] 120.2 MHz, "Rangiora traffic" [Airspace Association:] All that airspace bounded by a circle 1.5 NM radius centred on S43 17 24.0 E172 32 30.0 (Rangiora Aerodrome). Note that this airspace created as the exclusion for NZC875.
NZC972	WANAKA CFZ			[Upper Limit:] Lower limit of controlled airspace within the lateral limits of NZC972. [Frequency:] 120.1 MHz, "Wanaka traffic"
NZC973	SOUTHERN ALPS CFZ	12500	FT	[Frequency:] 118.6 MHz, "Alps traffic"
NZC974	SOUTH CANTERBURY CFZ			[Frequency:] 119.5 MHz, "South Canty traffic" [Upper Limit:] LL MBZ or 5500 ft
NZC977	BANKS PENINSULA CFZ			[Upper Limit:] Lower limit of controlled airspace. [Frequency:] 118.75 MHz, "Banks traffic"

\*\*\* SEE AIRSPACE BOUNDARY DESCRIPTIONS BELOW \*\*\*



## AERONAUTICAL SERVICES

### NZANR – Part 71 – CFZ boundaries

Boundary Line Types **CIR** (Circle), **CWA** (Clockwise Arc), **CCA** (Counterclockwise Arc), **GRC** (Great Circle), **RHL** (Rhumbline), **FNT** (geoborder i.e. a line following the road , etc)

Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius
NZC172	1		363636.6S	1745857.3E	GRC			
NZC172	2		363823.1S	1744603.3E	GRC			
NZC172	3	Okura River Mouth VRP	363938.6S	1744437.7E	GRC			
NZC172	4		363952.0S	1744151.2E	GRC			
NZC172	5		364128.2S	1743912.0E	GRC			
NZC172	6		364146.5S	1743808.0E	GRC			
NZC172	7		364143.0S	1743700.0E	GRC			
NZC172	8		364138.9S	1743638.8E	GRC			
NZC172	9		364145.3S	1743628.2E	GRC			
NZC172	10		364111.5S	1743629.6E	FNT			
NZC172	11		364009.5S	1743209.6E	GRC			
NZC172	12		364021.2S	1742903.2E	FNT			
NZC172	13		362909.4S	1742704.8E	CWA	364712.46S	1743752.41E	20 NM
NZC173	1		364530.5S	1751403.1E	GRC			
NZC173	2		365409.3S	1751154.9E	GRC			
NZC173	3	Omana Beach	365228.2S	1750216.8E	GRC			
NZC173	4	Motukaraka Island	365240.1S	1745844.9E	GRC			



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NZANR – Part 71 – CFZ boundaries

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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC173	5	Musick Point VRP	365047.5S	1745406.7E	GRC				
NZC173	6	St Heliers VRP	365035.5S	1745150.7E	GRC				
NZC173	7	North Head VRP; A line following the mean high water mark to	364944.7S	1744846.7E	FNT				
NZC173	8		364749.0S	1744708.9E	GRC				
NZC173	9		364602.5S	1745003.7E	GRC				
NZC173	10		364502.2S	1745119.3E	CCA	364712.46S	1743752.41E	11	NM
NZC173	11		363823.1S	1744603.3E	GRC				
NZC173	12		363636.6S	1745857.3E	CWA	370016.68S	1744849.07E	25	NM
NZC174	1	Hole in the Rock	350953.1S	1742028.1E	GRC				
NZC174	2	Home Point	351909.4S	1742239.8E	GRC				
NZC174	3	Cape Home	352236.2S	1742238.4E	GRC				
NZC174	4	Te Rangi, 1335 ft	352413.3S	1741408.5E	GRC				
NZC174	5		352511.3S	1741045.0E	CCA	370016.3S	1744849.4E	100	NM
NZC174	6		352649.1S	1740500.5E	GRC				
NZC174	7	Lake Rotokereru	352621.7S	1740513.7E	GRC				
NZC174	8	Waiomio	352450.3S	1740453.2E	GRC				
NZC174	9	Hukahuka Pa	352134.2S	1740501.6E	GRC				
NZC174	10	Spot height 958 ft	352125.9S	1740357.5E	GRC				
NZC174	11	Intersection Wahangae and McIntyre Road	352116.6S	1740319.0E	GRC				
NZC174	12		352052.3S	1740013.6E	GRC				
NZC174	13	Takou Bay	350617.5S	1735611.4E	GRC				
NZC174	14	Waiaua Bay	350335.9S	1735552.4E	GRC				
NZC174	15	Matauri Bay	350205.6S	1735448.2E	GRC				
NZC174	16	Te Ngaere	350118.3S	1735207.2E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC174	17	East Bay	345957.7S	1734938.7E	GRC				
NZC174	18	Tauranga Bay township	350024.6S	1734706.0E	GRC				
NZC174	19	Stephenson Island	345756.9S	1734658.2E	GRC				
NZC174	20	Motukawanui Island	345953.2S	1735631.5E	GRC				
NZC175	1		353456.0S	1743307.1E	GRC				
NZC175	2	Bream Head	355113.2S	1743526.2E	GRC				
NZC175	3		355729.4S	1743109.5E	GRC				
NZC175	4	Taurikura	354937.4S	1743140.3E	GRC				
NZC175	5	Franklin Road and Owhiwa Road	354444.9S	1742515.8E	GRC				
NZC175	6	Paranui Falls	354138.5S	1742033.3E	GRC				
NZC175	7	Hurupaki, 1145 ft	354058.0S	1741654.3E	GRC				
NZC175	8		354242.7S	1741517.6E	GRC				
NZC175	9		354110.5S	1741415.3E	GRC				
NZC175	10	Matarau	353928.5S	1741315.8E	GRC				
NZC175	11		353229.3S	1740803.0E	GRC				
NZC175	12	Spot height 624 ft	352737.4S	1740452.8E	GRC				
NZC175	13		352649.1S	1740500.5E	CWA	370016.3S	1744849.4E	100	NM
NZC175	14		352511.3S	1741045.0E	GRC				
NZC175	15	Te Rangi, 1335 ft	352413.3S	1741408.5E	GRC				
NZC175	16	Cape Home	352236.2S	1742238.4E	GRC				
NZC175	17	Rimariki Island	352524.5S	1742634.4E	GRC				
NZC271	1		374808.5S	1764723.1E	GRC				
NZC271	2	Matata	375303.7S	1764442.6E	GRC				
NZC271	3	Pongakawa Valley	375423.0S	1763032.0E	GRC				
NZC271	4	Intersection SH29 and McLaren Falls Road	374801.2S	1760223.3E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC271	5	Waiuananu, 1931 ft	374634.3S	1755539.2E	GRC				
NZC271	6		374058.9S	1755428.1E	GRC				
NZC271	7	Wahine Rock, 2608 ft	373412.6S	1754917.0E	GRC				
NZC271	8	Pahiko, 2585 ft	373228.9S	1754656.2E	GRC				
NZC271	9	Pukekohatu, 2621 ft	373126.8S	1754551.2E	GRC				
NZC271	10		372715.1S	1754242.2E	GRC				
NZC271	11	Tirohia	372607.0S	1753841.5E	GRC				
NZC271	12	Intersection Reservoir canal and Awaiti Roads	371940.6S	1753319.1E	GRC				
NZC271	13	Intersection SH26 and Komata Reefs Roads	372043.0S	1754039.9E	GRC				
NZC271	14	Mayor Island	371725.0S	1761533.9E	GRC				
NZC271	15	Motunau Island	373945.1S	1763335.8E	GRC				
NZC272	1	Intersection of Puketaha and Telephone Roads	374252.9S	1752017.7E	GRC				
NZC272	2		374330.1S	1752021.3E	CCA	375057.3480S	1752018.77E	7.5	NM
NZC272	3		374343.9S	1751748.9E	GRC				
NZC272	4		374931.4S	1751740.8E	CCA	375154.95S	1751957.92E	3	NM
NZC272	5		375253.7S	1751622.7E	GRC				
NZC272	6		375808.6S	1751228.3E	CCA	375057.3480S	1752018.77E	9.5	NM
NZC272	7	a line following the railway line from	380021.0S	1751835.3E	FNT				
NZC272	8	Otorohanga	381113.3S	1751239.4E	GRC				
NZC272	9	Albatross Point	380631.2S	1744104.6E	GRC				
NZC272	10	Hill, 545 ft	372418.3S	1744227.7E	GRC				
NZC272	11	Port Waikato	372312.4S	1744348.5E	GRC				
NZC272	12	Huntly VRP	373343.0S	1750930.5E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC272	13	Gordonton VRP	374013.4S	1751818.2E	GRC				
NZC273_A	1		374058.9S	1755428.1E	GRC				
NZC273_A	2	Waiuananu, 1931 ft	374634.3S	1755539.2E	GRC				
NZC273_A	3	Atiamuri	382335.6S	1760150.2E	GRC				
NZC273_A	4	Mangakino	382211.2S	1754627.0E	GRC				
NZC273_A	5	Otorohanga, a line following the railway line from	381113.3S	1751239.4E	FNT				
NZC273_A	6		380021.0S	1751835.3E	CCA	375057.3480S	1752018.77E	9.5	NM
NZC273_A	7		380020.1S	1752208.4E	GRC				
NZC273_A	8	Hamilton ARP	375422.3S	1752224.7E	CCA	375159.0S	1752007.0E	3	NM
NZC273_A	9		375045.3S	1752334.3E	GRC				
NZC273_A	10		374552.5S	1752717.3E	CCA	375057.3480S	1752018.77E	7.5	NM
NZC273_A	11		374330.1S	1752021.3E	GRC				
NZC273_A	12	Intersection of Puketaha and Telephone Roads	374252.9S	1752017.7E	GRC				
NZC273_A	13	Gordonton VRP	374013.4S	1751818.2E	GRC				
NZC273_A	14	Huntly VRP	373343.0S	1750930.5E	GRC				
NZC273_A	15	Okaeria, 1053 ft	371916.2S	1751955.2E	GRC				
NZC273_A	16	Maukoro Canal	371829.5S	1752614.6E	GRC				
NZC273_A	17	Intersection Reservoir Canal and Awaiti Roads	371940.6S	1753319.1E	GRC				
NZC273_A	18	Tirohia	372607.0S	1753841.5E	GRC				
NZC273_A	19		372715.1S	1754242.2E	GRC				
NZC273_A	20	Pukekohatu, 2621 ft	373126.8S	1754551.2E	GRC				
NZC273_A	21	Pahiko, 2585 ft	373228.9S	1754656.2E	GRC				
NZC273_A	22	Wahine Rock, 2608 ft	373412.6S	1754917.0E	GRC				





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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC273_B	1	Matamata MBZ			CIR	374404.0S	1754431.0E	3	NM
NZC274	1	Cuvier Island	362615.1S	1754625.8E	GRC				
NZC274	2	Red Mercury Island	363729.4S	1755601.1E	GRC				
NZC274	3	Ruamahuanui Island	365718.5S	1760544.5E	GRC				
NZC274	4	Mayor Island	371725.0S	1761533.9E	GRC				
NZC274	5	Intersection SH26 and Komata Reefs Roads	372043.0S	1754039.9E	GRC				
NZC274	6	Intersection Reservoir canal and Awaiti Roads	371940.6S	1753319.1E	GRC				
NZC274	7	Maukoro Canal	371829.5S	1752614.6E	GRC				
NZC274	8		371407.6S	1752336.7E	GRC				
NZC274	9		371009.9S	1751731.4E	GRC				
NZC274	10		370700.5S	1751241.0E	GRC				
NZC274	11		370510.4S	1750916.7E	GRC				
NZC274	12		370052.2S	1751346.8E	GRC				
NZC274	13		365727.2S	1751457.4E	GRC				
NZC274	14		365409.3S	1751154.9E	GRC				
NZC274	15		364530.5S	1751403.1E	GRC				
NZC274	16		362848.5S	1751941.0E	GRC				
NZC274	17	Cape Colville	362810.3S	1752040.7E	GRC				
NZC279	1	Orere Point	365727.2S	1751457.4E	GRC				
NZC279	2		370052.2S	1751346.8E	GRC				
NZC279	3		370510.4S	1750916.7E	GRC				
NZC279	4		370341.1S	1750625.5E	GRC				
NZC279	5	Intersection of HT lines and Sky High Road	370330.0S	1750401.2E	GRC				



**NZANR – Part 71 – CFZ boundaries**

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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius
NZC279	6	(Intersection of Monument and Tourist Roads) a line following Monument Road from	370053.6S	1750250.5E	FNT			
NZC279	7	Clevedon VRP	365929.2S	1750214.7E	GRC			
NZC279	8	Intersection of Brookby and Fitzpatrick Roads	365950.2S	1745840.2E	GRC			
NZC279	9		370002.8S	1745744.2E	GRC			
NZC279	10		365532.8S	1745618.2E	GRC			
NZC279	11	Motukaraka Island	365240.1S	1745844.9E	GRC			
NZC279	12	Omana Beach	365228.2S	1750216.8E	GRC			
NZC279	13		365409.3S	1751154.9E	GRC			
NZC372	1	Okoki	390045.4S	1742922.6E	GRC			
NZC372	2	Pohokura Saddle	391024.6S	1743807.8E	GRC			
NZC372	3	Matemateaonga; 2339 ft	392259.2S	1744047.7E	GRC			
NZC372	4	Spot height 1253 ft	394029.3S	1744846.8E	GRC			
NZC372	5	Waverley	394537.2S	1743741.7E	GRC			
NZC372	6	(Intersection of Waverley Beach and Waipipi Roads)	394916.3S	1743653.1E	GRC			
NZC372	7		395249.4S	1743613.0E	GRC			
NZC372	8		395030.0S	1743030.0E	GRC			
NZC372	9		393937.3S	1741433.3E	GRC			
NZC372	10	a line following the mean high water mark from	393443.3S	1740725.1E	FNT			
NZC372	11		390347.8S	1740112.4E	GRC			
NZC372	12		390546.5S	1740232.4E	GRC			
NZC372	13		390336.7S	1741238.6E	GRC			



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC372	14		385929.3S	1742135.3E	GRC				
NZC372	15	Urenui VRP	385950.7S	1742324.6E	GRC				
NZC373	1		385736.8S	1740119.1E	GRC				
NZC373	2		390215.8S	1740011.3E	GRC				
NZC373	3		390347.8S	1740112.4E	FNT				
NZC373	4		393443.3S	1740725.1E	GRC				
NZC373	5		393937.3S	1741433.3E	GRC				
NZC373	6		395300.0S	1740900.00E	GRC				
NZC373	7		400200.0S	1731600.0E	GRC				
NZC373	8		392000.0S	1731000.0E	GRC				
NZC377	1	SH57A / Aokautere-Pahiatua Road intersection	402208.5S	1753943.3E	GRC				
NZC377	2		402537.5S	1753452.7E	GRC				
NZC377	3		403608.0S	1752946.1E	GRC				
NZC377	4		404238.5S	1751622.2E	GRC				
NZC377	5		404029.0S	1750849.3E	GRC				
NZC377	6		403253.8S	1750749.6E	GRC				
NZC377	7		402327.2S	1750554.5E	GRC				
NZC377	8		401427.1S	1750405.2E	CWA	401234.5799S	1752331.0495E	15	NM
NZC377	9	follows the mean high water mark from	400355.1S	1750732.4E	FNT				
NZC377	10	Himatangi Beach	402223.8S	1751340.6E	GRC				
NZC377	11	Himatangi	402328.3S	1751854.3E	GRC				
NZC377	12		402327.2S	1752128.2E	GRC				
NZC377	13	Mangawhata bridge	402331.6S	1752605.5E	GRC				
NZC377	14	Manawatu River bridge	402223.8S	1753726.5E	GRC				



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NZANR – Part 71 – CFZ boundaries

Boundary line types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclockwise Arc), GRC (Great Circle), RHL (Rhumbline), FNT (geoborder i.e. a line following the road , etc)									
Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC378	1		400210.1S	1760143.7E	GRC				
NZC378	2		401611.8S	1755328.6E	CWA	401912.89S	1753816.25E	12	NM
NZC378	3		402153.3S	1755333.6E	GRC				
NZC378	4	Aokautere VRP	402208.5S	1753943.3E	GRC				
NZC378	5		401921.3S	1754451.3E	GRC				
NZC378	6	Ashhurst VRP	401719.0S	1754518.5E	GRC				
NZC378	7	Bunnythorpe Substation	401649.8S	1753816.6E	GRC				
NZC378	8		401650.5S	1753742.4E	GRC				
NZC378	9	Te Arakura	401644.5S	1753315.9E	GRC				
NZC378	10	SH 1 and Oroua River intersection	401654.8S	1753140.6E	GRC				
NZC378	11	Oroua River	401655.9S	1753100.9E	GRC				
NZC378	12	Taipō Road and Cole Road Intersection	401651.7S	1752752.6E	GRC				
NZC378	13	Stewart Road and Awahuri Feiding Road intersection	401508.5S	1753158.8E	GRC				
NZC378	14	Sandon Road	401301.9S	1753230.5E	GRC				
NZC378	15	Te Rakehou Road and Halcombe Road intersection	401045.8S	1753029.5E	GRC				
NZC378	16	Marton Railway Station	400515.3S	1752329.5E	GRC				
NZC378	17		400505.4S	1752229.6E	GRC				
NZC378	18	Bonny Glen - a line following the railway tracks from	400329.0S	1751840.2E	FNT				
NZC378	19	Turakina	400249.0S	1751251.5E	GRC				
NZC378	20	Ratana	400222.3S	1751032.7E	GRC				
NZC378	21		400158.6S	1750939.3E	CWA	401234.5799S	1752331.0495E	15	NM
NZC378	22		395837.2S	1751623.5E	GRC				
NZC378	23	Intersection Waipapa and Raupiu	394150.8S	1751942.6E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

		Roads							
NZC378	24		394150.7S	1752210.2E	GRC				
NZC378	25		394256.0S	1753525.2E	CWA	401234.5799S	1752331.0495E	30.9	NM
NZC379	1	Oreore	393305.2S	1751734.3E	GRC				
NZC379	2	Kakatahi	393919.2S	1751944.9E	GRC				
NZC379	3	Intersection Waipapa and Raupiu Roads	394150.8S	1751942.6E	GRC				
NZC379	4		395837.2S	1751623.5E	GRC				
NZC379	5	Fordell VRP	395737.7S	1751215.6E	GRC				
NZC379	6	Intersection SH4 and Makarikiriki Valley Road	395213.2S	1750650.2E	GRC				
NZC379	7	Intersection SH3 and Bushy Park Road - a line following SH3 from	395013.9S	1745458.4E	FNT				
NZC379	8	Waitotara	394820.9S	1744403.5E	GRC				
NZC379	9	Waiinui Beach	395205.7S	1744430.6E	GRC				
NZC379	10		400355.1S	1750732.4E	CCA	401234.5799S	1752331.0495E	15	NM
NZC379	11		400644.1S	1750522.7E	GRC				
NZC379	12		395621.7S	1744500.6E	GRC				
NZC379	13		395249.4S	1743613.0E	GRC				
NZC379	14	Intersection Waverley Beach and Waipipi Roads	394916.3S	1743653.1E	GRC				
NZC379	15	Waverley	394537.2S	1743741.7E	GRC				
NZC379	16	Spot height 1253 ft	394029.3S	1744846.8E	GRC				
NZC476	1	Te Haroto	390731.4S	1763623.4E	GRC				
NZC476	2	Kuripapango	392347.9S	1761940.7E	GRC				
NZC476	3		392115.7S	1760155.7E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC476	4		392113.7S	1755830.7E	GRC				
NZC476	5		391710.7S	1755830.7E	GRC				
NZC476	6	follows the Rangitikei River from	391710.7S	1760015.7E	FNT				
NZC476	7	Follows the Otamateanui Stream from	391610.7S	1755852.7E	FNT				
NZC476	8		391532.7S	1755619.7E	GRC				
NZC476	9	Hill H; 4660 ft	391651.7S	1755535.7E	GRC				
NZC476	10	Mt. Ngawhareangarua; 4700 ft	391736.7S	1755147.7E	GRC				
NZC476	11	Hill GG; 3779 ft	391715.7S	1754506.7E	GRC				
NZC476	12	Ahipaepae; 3913 ft	390131.0S	1760629.8E	GRC				
NZC476	13		385500.0S	1761706.6E	GRC				
NZC478	1	Lake Rotokawa	383753.6S	1761113.7E	GRC				
NZC478	2	HT line	384236.9S	1761039.8E	GRC				
NZC478	3	Hill, 1830 ft	384212.1S	1760749.7E	GRC				
NZC478	4	Broadlands Road and HT intersection	384052.4S	1760721.8E	GRC				
NZC478	5	Rakanui Road and Centennial Drive intersection	383957.2S	1760703.2E	GRC				
NZC478	6	Aratiatia Dam	383701.7S	1760811.4E	GRC				
NZC479	1		393815.0S	1770645.0E	GRC				
NZC479	2	Bare Island	394958.3S	1770138.1E	GRC				
NZC479	3		395600.0S	1765800.0E	GRC				
NZC479	4	Kaiakau Beach	395643.5S	1765544.2E	GRC				
NZC479	5	Waipawa	395615.6S	1763531.7E	GRC				
NZC479	6	Aryll East	395139.8S	1763201.5E	GRC				
NZC479	7	Gwavas	394347.7S	1762639.7E	GRC				
NZC479	8	Hill, 1148 ft	393708.3S	1762929.4E	GRC				
NZC479	9	Aorangi Road / HT lines	393010.8S	1763545.7E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC479	10	Fern Hill	393514.8S	1764539.6E	GRC				
NZC479	11		393546.9S	1764526.3E	CCA	392713.69S	1765208.13E	10	NM
NZC479	12		393627.6S	1765707.6E	GRC				
NZC479	13		393730.0S	1770530.0E	GRC				
NZC677	1		405417.4S	1741820.9E	GRC				
NZC677	2	Cape Koamaru	410510.5S	1742232.6E	CCA	412014.02S	1744901.06E	25	NM
NZC677	3	Te Rua Bay	411439.0S	1741635.5E	GRC				
NZC677	4	Piripiri	411844.6S	1740311.4E	GRC				
NZC677	5	Mt Robertson	412051.8S	1740119.7E	GRC				
NZC677	6	Tuamarina Bridge	412622.4S	1735754.0E	GRC				
NZC677	7		412701.8S	1734638.7E	GRC				
NZC677	8		412704.6S	1734310.5E	GRC				
NZC677	9		412649.1S	1733611.3E	GRC				
NZC677	10		410614.3S	1734231.0E	GRC				
NZC677	11		405155.6S	1734657.5E	GRC				
NZC678	1		405557.1S	1750944.0E	GRC				
NZC678	2		410821.0S	1745827.3E	GRC				
NZC678	3		411031.8S	1745402.6E	GRC				
NZC678	4		411035.8S	1745315.1E	GRC				
NZC678	5		410855.3S	1745225.9E	GRC				
NZC678	6		410856.9S	1744959.7E	GRC				
NZC678	7		410910.3S	1744606.9E	FNT				
NZC678	8		410554.8S	1745001.6E	GRC				
NZC678	9		410342.0S	1745018.7E	FNT				
NZC678	10		410141.8S	1745311.6E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC678	11		410147.3S	1745358.1E	GRC				
NZC678	12	Mt Wainui	410045.5S	1745842.4E	GRC				
NZC678	13	Akatarawa Saddle	405654.3S	1750629.6E	GRC				
NZC679	1	Remutaka Saddle	410645.0S	1751351.3E	GRC				
NZC679	2		411540.2S	1745540.2E	GRC				
NZC679	3		411035.8S	1745315.1E	GRC				
NZC679	4		411031.8S	1745402.6E	GRC				
NZC679	5		410821.0S	1745827.3E	GRC				
NZC679	6		405557.1S	1750944.0E	GRC				
NZC679	7	Puffer Saddle	410417.7S	1751426.2E	GRC				
NZC681	1		404238.5S	1751622.2E	GRC				
NZC681	2	Mangaone North Road	405024.9S	1751021.3E	GRC				
NZC681	3	Kapakapanui; 3635 ft	405557.1S	1750944.0E	GRC				
NZC681	4	Akatarawa Saddle	405654.3S	1750629.6E	GRC				
NZC681	5	Mt Wainui	410045.5S	1745842.4E	GRC				
NZC681	6	A line following the railway station from	410147.3S	1745358.1E	FNT				
NZC681	7	McKays Crossing	405813.1S	1745855.6E	GRC				
NZC681	8		405655.5S	1750017.0E	GRC				
NZC681	9	Substation	405528.1S	1750048.6E	GRC				
NZC681	10	Museum	405337.8S	1750142.6E	GRC				
NZC681	11	Otaki Beach	404422.3S	1750658.7E	GRC				
NZC681	12		403928.6S	1750517.7E	GRC				
NZC684_A	1	Separation Point	404656.7S	1725953.1E	GRC				
NZC684_A	2		405337.9S	1730623.1E	GRC				
NZC684_A	3		410614.6S	1731213.1E	GRC				





NZANR – Part 71 – CFZ boundaries

Boundary line types CIR (Circle), CWA (Clockwise Arc), CCA (Counterclockwise Arc), GRC (Great Circle), RHL (Rhumbline), FNT (geoborder i.e. a line following the road , etc)									
Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC684_A	4		411016.5S	1731147.9E	GRC				
NZC684_A	5		411655.3S	1730737.3E	GRC				
NZC684_A	6		412022.4S	1730441.5E	GRC				
NZC684_A	7		412125.3S	1730158.1E	GRC				
NZC684_A	8		411621.0S	1723617.0E	GRC				
NZC684_A	9	Mt Arthur, 5890 ft	411304.6S	1724053.8E	GRC				
NZC684_A	10	Lodestone, 4796 ft	411013.0S	1724444.7E	GRC				
NZC684_A	11		410206.0S	1725145.0E	GRC				
NZC684_B	1		410031.9S	1730240.1E	GRC				
NZC684_B	2		410222.9S	1730305.4E	GRC				
NZC684_B	3		410352.4S	1730337.0E	GRC				
NZC684_B	4		410750.4S	1730458.4E	GRC				
NZC684_B	5		410937.6S	1730500.4E	GRC				
NZC684_B	6		411021.2S	1730000.0E	CWA	410724.0S	1725919.0E	3	NM
NZC684_B	7		410528.3S	1725615.8E	GRC				
NZC684_B	8		410059.4S	1730116.5E	GRC				
NZC773	1		441730.4S	1674103.2E	GRC				
NZC773	2	Yates Point VRP	442947.1S	1674858.2E	GRC				
NZC773	3	Pembroke Junction VRP	443446.0S	1675456.7E	GRC				
NZC773	4	Tutuko Flats VRP	443824.9S	1675923.1E	GRC				
NZC773	5	Gulliver VRP	444227.0S	1675904.1E	GRC				
NZC773	6	Mt Isolation , 5315 ft	444351.5S	1675732.0E	GRC				
NZC773	7	Ada VRP	444305.1S	1675108.2E	GRC				
NZC773	8	Transit Beach VRP	443533.3S	1674444.3E	GRC				
NZC773	9		442320.3S	1672943.7E	CWA	444024.0S	1675524.0E	25	NM



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius
NZC776_A	1	Rabbit Pass, 4595 ft	441845.3S	1685059.6E	GRC			
NZC776_A	2	Minaret Burn River Mouth	443111.6S	1690450.3E	GRC			
NZC776_A	3	Macetown	445204.7S	1684926.0E	GRC			
NZC776_A	4		445443.0S	1684809.9E	GRC			
NZC776_A	5	Coronet Peak, 5417 ft	445456.9S	1684423.0E	GRC			
NZC776_A	6		445534.3S	1684333.1E	GRC			
NZC776_A	7	Moonlight	445749.5S	1683903.2E	GRC			
NZC776_A	8	Moke Lake	450001.1S	1683403.2E	GRC			
NZC776_A	9		450344.0S	1682736.4E	GRC			
NZC776_A	10		450840.9S	1681301.6E	GRC			
NZC776_A	11		451007.4S	1681359.6E	GRC			
NZC776_A	12		451213.4S	1681524.0E	GRC			
NZC776_A	13		451318.7S	1681834.8E	GRC			
NZC776_A	14	Ridge Peak, 6030 ft	451207.2S	1682358.4E	GRC			
NZC776_A	15		450920.0S	1683004.6E	GRC			
NZC776_A	16	Walter Peak 5904 ft	450743.7S	1683335.4E	GRC			
NZC776_A	17		450607.0S	1683851.4E	GRC			
NZC776_A	18		450629.0S	1683937.9E	GRC			
NZC776_A	19		450911.6S	1683805.2E	GRC			
NZC776_A	20		451141.6S	1683639.7E	GRC			
NZC776_A	21	Eyre Peak, 6460 ft	451926.8S	1682733.5E	GRC			
NZC776_A	22	Jane Peak	451939.1S	1681923.2E	GRC			
NZC776_A	23	South Mavora Lake	451903.1S	1681042.2E	GRC			
NZC776_A	24	Catseye Bay - Arc Centre Milford Sound ARP	444851.9S	1672218.8E	CWA	444024.0S	1675524.0E	25.05 NM
NZC776_A	25	Awarua Point	441538.11S	1680033.9E	GRC			



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC776_S	1		441730.4S	1674103.2E	GRC				
NZC776_S	2	Yates Point VRP	442947.1S	1674858.2E	GRC				
NZC776_S	3	Pembroke Junction VRP	443446.0S	1675456.7E	GRC				
NZC776_S	4	Tutoko Flats VRP	443824.9S	1675923.1E	GRC				
NZC776_S	5	Gulliver VRP	444227.0S	1675904.1E	GRC				
NZC776_S	6	Mt Isolation, 5315 ft	444351.5S	1675732.0E	GRC				
NZC776_S	7	Ada VRP	444305.1S	1675108.2E	GRC				
NZC776_S	8	Transit Beach VRP	443533.3S	1674444.3E	GRC				
NZC776_S	9		442320.3S	1672943.7E	CWA	444024.0S	1675524.0E	25	NM
NZC874	1	Melton Grange	432225.7S	1722718.4E	GRC				
NZC874	2		432615.7S	1722251.3E	GRC				
NZC874	3		432654.9S	1722405.4E	GRC				
NZC874	4	Centered on West Melton ARP	432715.5S	1722443.7E	CCA	432836.0S	1722348.4E	1.5	NM
NZC874	5		432808.2S	1722546.3E	GRC				
NZC874	6	Intersection of West Coast and Miners Roads	433012.8S	1722637.6E	GRC				
NZC874	7		433121.4S	1722356.4E	GRC				
NZC874	8		433148.6S	1722248.2E	GRC				
NZC874	9	Intersection of Newtons and West Melton Roads	433324.4S	1722207.2E	GRC				
NZC874	10	a line following SH1 from intersection of SH1 and Weedons-Ross Road	433454.4S	1722435.6E	GRC				
NZC874	11	a line following Telegraph Road from intersection of Godely, Main South and Norwood Roads to	433826.5S	1721447.1E	GRC				
NZC874	12	Charings Cross	433237.2S	1720920.5E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC874	13	Darfield Hospital	432915.0S	1720705.5E	GRC				
NZC874	14	Hill 7541, 964 ft, Curve Rd - east of Sheffield	432328.0S	1720201.5E	GRC				
NZC874	15	Intersection of Frasers Rd and Keens Rd	432031.0S	1715748.5E	GRC				
NZC874	16		431224.9S	1720740.4E	GRC				
NZC874	17	Ashley Gorge settlement	431450.5S	1721235.3E	GRC				
NZC874	18	Oxford	431756.4S	1721104.6E	GRC				
NZC874	19	Cust	431839.2S	1722254.1E	GRC				
NZC875_A	1	Waipara River Mouth	430915.3S	1724751.1E	GRC				
NZC875_A	2		432319.6S	1724525.2E	GRC				
NZC875_A	3	Waimakariri River Mouth - a line following the Waimakariri River from	432325.7S	1724238.9E	FNT				
NZC875_A	4		432359.2S	1724015.1E	GRC				
NZC875_A	5		432246.6S	1723839.5E	GRC				
NZC875_A	6	Intersection of Threldkelds and Main Drain Roads	432140.8S	1723627.5E	GRC				
NZC875_A	7	Intersection of Bradley and Mill Roads	432139.9S	1723411.2E	GRC				
NZC875_A	8		432248.8S	1723344.0E	GRC				
NZC875_A	9		432300.6S	1723243.4E	GRC				
NZC875_A	10	Intersection of North Eyre and No. 10 Roads	432322.5S	1723050.2E	GRC				
NZC875_A	11	Intersection North Eyre abd Two Chain Roads	432249.1S	1722847.4E	GRC				
NZC875_A	12	Melton Grange	432225.7S	1722718.4E	GRC				
NZC875_A	13	Cust	431839.2S	1722254.1E	GRC				
NZC875_A	14	Oxford	431756.4S	1721104.6E	GRC				



NZANR – Part 71 – Common Frequency Zones (CFZ)

NZANR – Part 71 – CFZ boundaries

Boundary line types <b>CIR</b> (Circle), <b>CWA</b> (Clockwise Arc), <b>CCA</b> (Counterclockwise Arc), <b>GRC</b> (Great Circle), <b>RHL</b> (Rhumbline), <b>FNT</b> (geoborder i.e. a line following the road , etc)									
Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC875_A	15	Ashley Gorge Settlement	431450.5S	1721235.3E	GRC				
NZC875_A	16		431224.9S	1720740.4E	GRC				
NZC875_A	17	Okuku Saddle	430340.0S	1721815.5E	GRC				
NZC875_A	18	Mt Grey; 3118 ft	430703.5S	1723254.3E	GRC				
NZC875_S	1	based on Rangiora AD			CIR	431724.0S	1723230.0E	1.5	NM
NZC972	1	Lindis Pass	443501.6S	1693827.9E	GRC				
NZC972	2	Cluden Hill	444820.6S	1693006.0E	GRC				
NZC972	3		445620.8S	1692157.8E	GRC				
NZC972	4		445727.5S	1690744.5E	GRC				
NZC972	5		445553.9S	1690748.7E	GRC				
NZC972	6		445539.5S	1690305.4E	GRC				
NZC972	7	Queensbury Hill, 5023 ft	445556.1S	1690041.4E	GRC				
NZC972	8		445511.2S	1685633.9E	GRC				
NZC972	9	Soho VRP	445427.1S	1685231.3E	GRC				
NZC972	10		445435.7S	1685010.9E	GRC				
NZC972	11		445443.0S	1684809.9E	GRC				
NZC972	12	Macetown	445204.7S	1684926.0E	GRC				
NZC972	13	Minaret Burn River Mouth	443111.6S	1690450.3E	GRC				
NZC972	14	Timaru River Mouth	443224.7S	1691849.5E	GRC				
NZC973	1	spot height 6664 ft	434608.0S	1704237.0E	GRC				
NZC973	2		435049.0S	1703953.0E	GRC				
NZC973	3	Mount Dobson, 6873 ft	435608.0S	1704012.0E	GRC				
NZC973	4		440440.0S	1703234.0E	GRC				
NZC973	5	Hydro-electric canal	440401.0S	1702535.3E	GRC				
NZC973	6	Mount Hay, 3848 ft	435658.0S	1703357.3E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC973	7	Tekapo ski field road	434930.0S	1703636.4E	GRC				
NZC973	8	Observation Hill, 5541 ft	433934.0S	1703445.40E	GRC				
NZC973	9	Mount Sibbald, 9222 ft	433307.0S	1703319.4E	GRC				
NZC973	10	Mt Hope, 6844 ft	434333.0S	1704137.9E	GRC				
NZC974	1		440809.2S	1714606.6E	GRC				
NZC974	2		441400.5S	1713958.0E	GRC				
NZC974	3		443426.6S	1711810.9E	GRC				
NZC974	4		444218.5S	1710954.2E	GRC				
NZC974	5	Mount Studholme	443829.8S	1705438.7E	GRC				
NZC974	6	Mount Nessing	442052.8S	1704225.0E	GRC				
NZC974	7	Arundel Bridge	435814.7S	1711836.0E	GRC				
NZC974	8	a line following Arundel-Hinds Road from	435814.8S	1711842.4E	FNT				
NZC974	9	Hinds	440006.2S	1713407.6E	GRC				
NZC974	10		440116.8S	1713652.9E	CCA	433014.76S	1723052.69E	50	NM
NZC977	1		433900.0S	1731100.0E	GRC				
NZC977	2		435100.0S	1731000.0E	GRC				
NZC977	3		435700.0S	1725700.0E	GRC				
NZC977	4	Lake Ellesmere outlet	435121.4S	1722237.9E	GRC				
NZC977	5	Intersection of Godley, Main South and Norwood Roads, a line following SH 1 from	433826.5S	1721447.1E	GRC				
NZC977	6	Intersection of SH1 and Wedons-Ross Road	433454.4S	1722435.6E	GRC				
NZC977	7	Intersection of Shands and Tancred Roads	433649.7S	1722744.6E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius	

NZC977	8		433642.6S	1722959.2E	GRC				
NZC977	9		433639.8S	1723054.0E	GRC				
NZC977	10		433616.4S	1723552.7E	GRC				
NZC977	11		433354.6S	1723851.3E	GRC				
NZC977	12		433122.4S	1724158.7E	GRC				
NZC977	13		432812.3S	1724158.0E	GRC				
NZC977	14		432700.9S	1724157.8E	GRC				
NZC977	15		432500.0S	1724134.9E	GRC				
NZC977	16	a line following the Waimakariri River from	432359.2S	1724015.1E	FNT				
NZC977	17	Waimakariri River Mouth	432325.7S	1724238.9E	GRC				
NZC977	18		432319.6S	1724525.2E	GRC				
NZC977	19		433523.7S	1724849.7E	GRC				

\*\*\* END OF AIRSPACE BOUNDARY DESCRIPTIONS \*\*\*