



AERONAUTICAL SERVICES

NZANR – Part 71 – Mandatory Broadcast Zones (MBZ)

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

Identifier	Name	Upper limit		Lower Limit		Remarks	Working Hours
NZB169	WHANGAREI MBZ					[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Whangarei traffic". [Transponder:] Mandatory 1500 ft - 6500 ft AMSL	H24
NZB169_A	WHANGAREI MBZ	6500	FT	0	FT	[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Whangarei traffic". [Transponder:] Mandatory 1500 ft - 6500 ft AMSL	H24
NZB169_B	WHANGAREI MBZ	6500	FT	2500	FT	[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Whangarei traffic". [Transponder:] Mandatory 2500 ft - 6500 ft AMSL	H24
NZB169_C	WHANGAREI MBZ	6500	FT	4500	FT	[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Whangarei traffic". [Transponder:] Mandatory 4500 ft - 6500 ft AMSL	H24
NZB173	WHENUAPAI MBZ	2500	FT	0	FT	[Frequency:] 134.5 MHz (maximum reporting interval of 5 minutes) "Whenuapai traffic". [Transponder:] Mandatory. [Airspace Association:] All that airspace of the Whenuapai CTR/D NZA153 except for airspace contained in VFR transit lanes NZT158 Te Henga, West Whenuapai and NZT159 Whangaparaoa, East Whenuapai.	OTHER
NZB174	GREAT BARRIER MBZ	4500	FT	0	FT	[Frequency:] 124.4 MHz (maximum reporting interval of 10 minutes) "Barrier traffic".	H24
NZB175	AUCKLAND CITY MBZ			0	FT	[Upper Limit:] LL CA [Frequency:] 120.4 MHz (maximum reporting interval of 10 minutes) "City traffic". [Transponder:] Mandatory 1500 ft - 2500 ft AMSL	H24
NZB176	KAITAIA MBZ					[Frequency:] 119.1 MHz (maximum reporting interval of 5 minutes) "Kaitaia traffic". [Transponder:] Mandatory 1500 ft - 6500 ft AMSL	H24



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Identifier	Name	Upper limit	Lower Limit	Remarks	Working Hours
NZB176_A	KAITAIA MBZ	6500 FT	0 FT	[Frequency:] 119.1 MHz (maximum reporting interval of 5 minutes) "Kaitaia traffic". [Transponder:] Mandatory 1500 ft - 6500 ft AMSL	H24
NZB176_B	KAITAIA MBZ	6500 FT	0 FT	[Frequency:] 119.1 MHz (maximum reporting interval of 5 minutes) "Kaitaia traffic". [Transponder:] Mandatory 3000 ft - 6500 ft AMSL	H24
NZB177	KERIKERI MBZ			[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 2000 ft - 6500 ft AMSL	H24
NZB177_A	KERIKERI MBZ	6500 FT	0 FT	[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 2000 ft - 6500 ft AMSL	H24
NZB177_B	KERIKERI MBZ	6500 FT	3000 FT	[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 3000 ft - 6500 ft AMSL	H24
NZB178	PARAKAI MBZ	2500 FT	0 FT	[Frequency:] 123.5 MHz (maximum reporting interval of 5 minutes) "Parakai traffic".	H24
NZB180	KERIKERI SOUTH MBZ			[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 3500 ft - 9500 ft AMSL	H24
NZB180_A	KERIKERI SOUTH MBZ	9500 FT	3500 FT	[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 3500 ft - 9500 ft AMSL	H24
NZB180_B	KERIKERI SOUTH MBZ	9500 FT	6500 FT	[Frequency:] 119.4 MHz (maximum reporting interval of 5 minutes) "Kerikeri traffic". [Transponder:] Mandatory 6500 ft - 9500 ft AMSL	H24
NZB269	MERCER MBZ	4500 FT	0 FT	[Frequency:] 133.05 MHz (maximum reporting interval of 10 minutes) "Mercer traffic".	HJ
NZB273	MATAMATA MBZ	4500 FT	0 FT	[Upper Limit:] 4500 ft except when advised by NOTAM. [Frequency:] 122.25 MHz (maximum reporting interval of 15 minutes) "Matamata traffic".	OTHER
NZB274	ARDMORE MBZ		0 FT	[Upper Limit:] LL CA [Frequency:] 118.1 MHz (maximum reporting interval of 5 minutes) "Ardmore traffic".	H24
NZB276	WHITE ISLAND MBZ	4500 FT	0 FT	[Frequency:] 120.9 MHz (maximum reporting interval of 15 minutes) "White Island traffic".	H24
NZB277	WHAKATANE MBZ	3000 FT	0 FT	[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Whakatane traffic". [Transponder:] Mandatory 1500 ft - 3000 ft AMSL	H24



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Identifier	Name	Upper limit	Lower Limit	Remarks	Working Hours
NZB371	NATIONAL PARK MBZ		4500 FT	[Upper Limit:] Lower limit of controlled airspace within NZB371 lateral limits (9500 ft and 11,500 ft AMSL as applicable). [Frequency:] 119.6 MHz (maximum reporting interval of 10 minutes) "Park traffic".	H24
NZB375	WHANGANUI MBZ	3500 FT	0 FT	[Frequency:] 120.2 MHz (maximum reporting interval of 10 minutes) "Whanganui traffic". [Transponder:] Mandatory 1500 ft - 3500 ft AMSL	H24
NZB472	TARAWERA MBZ		0 FT	[Upper Limit:] LL CA. [Frequency:] 120.9 MHz (maximum reporting interval of 15 minutes) "Tarawera traffic".	H24
NZB475	WAIROA MBZ	3000 FT	0 FT	[Frequency:] 119.1 MHz (maximum reporting interval of 5 minutes) "Wairoa traffic".	H24
NZB477	TAUPO MBZ			[Frequency:] 118.4 MHz (maximum reporting interval of 10 minutes) "Taupo traffic". [Transponder:] Mandatory 2500 ft and 3000 ft - 6500 ft AMSL	H24
NZB477_A	TAUPO MBZ	6500 FT	0 FT	[Frequency:] 118.4 MHz (maximum reporting interval of 10 minutes) "Taupo traffic". [Transponder:] Mandatory 2500 ft - 6500 ft AMSL	H24
NZB477_B	TAUPO MBZ	6500 FT	3000 FT	[Frequency:] 118.4 MHz (maximum reporting interval of 10 minutes) "Taupo traffic". [Transponder:] Mandatory 3000 ft - 6500 ft AMSL	H24
NZB680	PARAPARAUMU MBZ		0 FT	[Upper Limit:] Lower limit of controlled airspace within NZB680 lateral limits. [Frequency:] 118.3 MHz (maximum reporting interval of 10 minutes) "Paraparaumu traffic". [Transponder:] Mandatory 1500 ft AMSL - LL CA	H24
NZB683	MOTUEKA MBZ	9500 FT	0 FT	[Frequency:] 127.3 MHz (maximum reporting interval of 15 minutes) "Motueka traffic".	H24
NZB773	WESTPORT MBZ	3000 FT	0 FT	[Frequency:] 119.1 MHz (maximum reporting interval of 5 minutes) "Westport traffic". [Transponder:] Mandatory 1500 ft - 3000 ft AMSL	H24
NZB775	RYANS CREEK MBZ	3000 FT	0 FT	[Frequency:] 130.2 MHz (maximum reporting interval of 5 minutes) "Ryans Creek traffic".	H24
NZB776	STEWART ISLAND MBZ	3000 FT	0 FT	[Frequency:] 130.2 MHz (maximum reporting interval of 15 minutes) "Stewart Island traffic".	H24



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Identifier	Name	Upper limit	Lower Limit	Remarks	Working Hours
NZB777	HOKITIKA MBZ	7500 FT	0 FT	[Frequency:] 119.8 MHz (maximum reporting interval of 5 minutes) "Hokitika traffic". [Transponder:] Mandatory 1500 ft - 7500 ft AMSL	H24
NZB778	HOKITIKA EAST MBZ			[Frequency:] 119.8 MHz (maximum reporting interval of 10 minutes) "Hokitika traffic". [Transponder:] Mandatory 7500 ft - 13500 ft AMSL	H24
NZB778_A	HOKITIKA EAST MBZ	13500 FT	4500 FT	[Frequency:] 119.8 MHz (maximum reporting interval of 10 minutes) "Hokitika traffic". [Transponder:] Mandatory 4500 ft - 13500 ft AMSL	H24
NZB778_B	HOKITIKA EAST MBZ	13500 FT	7500 FT	[Frequency:] 119.8 MHz (maximum reporting interval of 10 minutes) "Hokitika traffic". [Transponder:] Mandatory 7500 ft - 13500 ft AMSL	H24
NZB871	KAIKOURA MBZ	3500 FT	0 FT	[Frequency:] 124.9 MHz (maximum reporting interval of 10 minutes) "Kaikoura traffic".	H24
NZB875	WEST MELTON MBZ	1500 FT	0 FT	[Frequency:] 119.2 MHz (maximum reporting interval of 5 minutes) "West Melton traffic".	H24
NZB876	RANGIORA MBZ		0 FT	[Upper Limit:] Lower limit of Controlled Airspace. [Frequency:] 120.2 MHz (maximum reporting interval of 5 minutes) "Rangiora traffic".	H24
NZB971	TIMARU MBZ	9500 FT	0 FT	[Frequency:] 119.5 MHz (maximum reporting interval of 5 minutes) "Timaru traffic". [Transponder:] Mandatory 1600 ft - 9500 ft AMSL	H24
NZB972	TIMARU NORTH MBZ	9500 FT	4500 FT	[Frequency:] 119.5 MHz (maximum reporting interval of 10 minutes) "Timaru traffic". [Transponder:] Mandatory 4500 ft - 9500 ft AMSL	H24
NZB973	TIMARU EAST MBZ	9500 FT	2500 FT	[Frequency:] 119.5 MHz (maximum reporting interval of 10 minutes) "Timaru traffic". [Transponder:] Mandatory 2500 ft - 9500 ft AMSL	H24
NZB974	TIMARU SOUTH MBZ	9500 FT	4500 FT	[Frequency:] 119.5 MHz (maximum reporting interval of 10 minutes) "Timaru traffic". [Transponder:] Mandatory 4500 ft - 9500 ft AMSL	H24
NZB978	SOUTHERN ALPS MBZ	12500 FT	0 FT	[Frequency:] 118.6 MHz (maximum reporting interval of 5 minutes) "Alps traffic". High density VFR operations	H24

*** SEE AIRSPACE BOUNDARY DESCRIPTIONS BELOW ***



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NZANR – Part 71 – MBZ 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	
NZB169_A	1	Taurikura	354937.4S	1743140.3E	GRC				
NZB169_A	2	Marsden Point - a line following the mean high watermark from	355021.7S	1743002.1E	FNT				
NZB169_A	3	Ruakaka River Mouth	355406.0S	1742736.0E	GRC				
NZB169_A	4	Ruarangi	355633.5S	1741731.1E	GRC				
NZB169_A	5		355514.8S	1741621.8E	CWA	354616.8S	1742142.9E	10	NM
NZB169_A	6		354804.3S	1740937.4E	GRC				
NZB169_A	7	Intersection Whatitiri and Weke Roads	354705.1S	1740942.0E	GRC				
NZB169_A	8	Maunu	354420.1S	1741350.8E	GRC				
NZB169_A	9	Hurupaki, 1149 ft	354058.0S	1741654.3E	GRC				
NZB169_A	10	Paranui Falls	354138.5S	1742033.3E	GRC				
NZB169_A	11	Franklin Road and Owhiwa Road Intersection	354444.9S	1742515.8E	GRC				
NZB169_B	1	Taurikura	354937.4S	1743140.3E	GRC				
NZB169_B	2		355729.4S	1743109.5E	CCA	364712.46S	1743752.41E	50	NM
NZB169_B	3		360027.9S	1741606.2E	GRC				
NZB169_B	4	Intersection Central and Taipuha	360018.3S	1741550.4E	GRC				



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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	

		Station Roads							
NZB169_B	5	Intersection Ararua and Bull Roads	355745.5S	1741137.2E	GRC				
NZB169_B	6	Intersection Pikiwahine and Hillcrest Roads	355618.2S	1740918.9E	GRC				
NZB169_B	7	Omana	355403.6S	1740534.5E	GRC				
NZB169_B	8	Tangihua, 2057 ft	355123.6S	1740527.2E	GRC				
NZB169_B	9	Waiotama	354848.2S	1740526.2E	GRC				
NZB169_B	10	Intersection Whatitiri and Weke Roads	354705.1S	1740942.0E	GRC				
NZB169_B	11		354804.3S	1740937.4E	CCA	354616.8S	1742142.9E	10	NM
NZB169_B	12		355514.8S	1741621.8E	GRC				
NZB169_B	13	Ruarangi	355633.5S	1741731.1E	GRC				
NZB169_B	14	Ruakaka River mouth - a line following the mean high watermark from	355406.0S	1742736.0E	FNT				
NZB169_B	15	Marsden Point	355021.7S	1743002.1E	GRC				
NZB169_C	1		355729.4S	1743109.5E	GRC				
NZB169_C	2	Waipu Cove	360146.7S	1743029.9E	GRC				
NZB169_C	3	Mareretu	360224.5S	1741701.0E	GRC				
NZB169_C	4		360027.9S	1741606.2E	CWA	364712.46S	1743752.41E	50	NM
NZB173	1		363823.1S	1744603.3E	CWA	364712.46S	1743752.41E	11	NM
NZB173	2		364502.2S	1745119.3E	GRC				
NZB173	3		364602.5S	1745003.7E	GRC				
NZB173	4		365618.3S	1743309.7E	GRC				
NZB173	5		365718.1S	1742841.5E	CWA	364712.46S	1743752.41E	12.5	NM
NZB173	6		365127.6S	1742312.0E	GRC				



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

NZB173	7		364819.8S	1742537.7E	GRC				
NZB173	8		364138.9S	1743638.8E	GRC				
NZB173	9		364143.0S	1743700.0E	GRC				
NZB173	10		364146.5S	1743808.0E	GRC				
NZB173	11		364128.2S	1743912.0E	GRC				
NZB173	12		363952.0S	1744151.2E	GRC				
NZB173	13	Okura River Mouth VRP	363938.6S	1744437.7E	GRC				
NZB174	1	Needles Point	360129.5S	1752426.7E	GRC				
NZB174	2	Rakitu Island	360723.3S	1753049.0E	GRC				
NZB174	3	Cuvier Island	362615.1S	1754625.8E	GRC				
NZB174	4	Cape Colville	362810.3S	1752040.7E	GRC				
NZB174	5	Kaiiti Point	362848.5S	1751941.0E	GRC				
NZB174	6		364530.5S	1751403.1E	CCA	370016.7S	1744849.1E	25	NM
NZB174	7		363636.6S	1745857.3E	CCA	364712.46S	1743752.41E	20	NM
NZB174	8		362905.0S	1744827.3E	GRC				
NZB174	9	Kawau Island	362608.1S	1745204.4E	GRC				
NZB174	10	Miners Head	360400.8S	1752031.8E	GRC				
NZB175	1	following the mean high water mark from	364749.0S	1744708.9E	FNT				
NZB175	2	North Head	364944.7S	1744846.7E	GRC				
NZB175	3	St Heliers	365035.5S	1745150.7E	GRC				
NZB175	4	Musick Point	365047.5S	1745406.7E	GRC				
NZB175	5	Motukaraka Island	365240.1S	1745844.9E	GRC				
NZB175	6		365532.8S	1745618.2E	GRC				
NZB175	7	Cascades Road Botany Creek bridge	365450.7S	1745417.1E	GRC				



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

NZB175	8		365552.8S	1744952.7E	GRC				
NZB175	9		365636.1S	1744921.0E	GRC				
NZB175	10		365626.3S	1744750.4E	GRC				
NZB175	11		365631.6S	1744730.7E	GRC				
NZB175	12		365708.2S	1744518.7E	GRC				
NZB175	13		365748.8S	1743935.4E	GRC				
NZB175	14		365856.7S	1743813.5E	GRC				
NZB175	15	Taumatarea Point	365845.2S	1743755.7E	GRC				
NZB175	16	Dam	365744.8S	1743653.4E	GRC				
NZB175	17		365618.3S	1743309.7E	GRC				
NZB176_A	1	Peria	350602.7S	1732908.8E	GRC				
NZB176_A	2	Te Rore	351038.5S	1732233.9E	GRC				
NZB176_A	3	Kaitaia	350639.3S	1731530.5E	GRC				
NZB176_A	4		345245.4S	1725645.6E	GRC				
NZB176_A	5		344628.4S	1730455.6E	GRC				
NZB176_A	6	Church Road and State Highway 10 intersection	350208.0S	1731847.7E	GRC				
NZB176_A	7	Trig 1011, 548 ft	350405.1S	1732005.9E	GRC				
NZB176_B	1	Fern Flat	350653.2S	1733216.9E	GRC				
NZB176_B	2	Maungataniwha, 1860 ft	351002.9S	1733123.7E	GRC				
NZB176_B	3	Te Rore	351038.5S	1732233.9E	GRC				
NZB176_B	4	Peria	350602.7S	1732908.8E	GRC				
NZB177_A	1	Matauri Bay	350205.6S	1735448.2E	GRC				
NZB177_A	2	Waiaua Bay	350335.9S	1735552.4E	GRC				
NZB177_A	3	Takou Bay	350617.5S	1735611.4E	GRC				
NZB177_A	4		352052.3S	1740013.6E	GRC				



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius
NZB177_A	5	Intersection Wahangae and McIntyre Roads	352116.6S	1740319.0E	GRC			
NZB177_A	6	Spot height 958 ft	352125.9S	1740357.5E	GRC			
NZB177_A	7	Hukahuka Pa	352134.2S	1740501.6E	GRC			
NZB177_A	8	Waiomio	352450.3S	1740453.2E	GRC			
NZB177_A	9	Lake Rotokerurur	352621.7S	1740513.7E	GRC			
NZB177_A	10		352649.1S	1740500.5E	CCA	370016.3S	1744849.4E	100 NM
NZB177_A	11		352918.5S	1735734.1E	GRC			
NZB177_A	12	Waikaramu Road and State Highway 1 intersection	352036.8S	1735418.6E	GRC			
NZB177_A	13	Lake Waingaro	351540.0S	1735250.0E	GRC			
NZB177_A	14	Orotore	350741.5S	1734924.4E	GRC			
NZB177_A	15	Kaeo	350600.3S	1734647.6E	GRC			
NZB177_A	16	Otoroa	350427.7S	1735111.0E	GRC			
NZB177_B	1	Matauri Bay	350205.6S	1735448.2E	GRC			
NZB177_B	2	Otoroa	350427.7S	1735111.0E	GRC			
NZB177_B	3	Kaeo	350600.3S	1734647.6E	GRC			
NZB177_B	4	Tauranga Bay township	350024.6S	1734706.0E	GRC			
NZB177_B	5	East Bay	345957.7S	1734938.7E	GRC			
NZB177_B	6	Te Ngaere	350118.3S	1735207.2E	GRC			
NZB178	1	Kaipara Coast Highway	363755.6S	1742925.85E	GRC			
NZB178	2	(Intersection of Inland and Boathouse Roads), a line following Inland Road from	363841.3S	1742904.4E	FNT			
NZB178	3		364021.1S	1742903.1E	GRC			
NZB178	4		364206.0S	1742548.8E	CWA	363906.0S	1742600.00E	3 NM



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

NZB180_A	1		352649.1S	1740500.5E	GRC				
NZB180_A	2	Spot height 624 ft	352737.4S	1740452.8E	GRC				
NZB180_A	3		353229.3S	1740803.0E	CWA	351544.925S	1735440.341E	20	NM
NZB180_A	4		353520.4S	1735927.8E	GRC				
NZB180_A	5	Takorokoro, 473 ft	353503.2S	1735920.8E	GRC				
NZB180_A	6		352918.5S	1735734.1E	CWA	370016.3S	1744849.4E	100	NM
NZB180_B	1		353229.3S	1740803.0E	GRC				
NZB180_B	2	Matarau	353928.5S	1741315.8E	GRC				
NZB180_B	3		354110.5S	1741415.3E	CWA	351544.925S	1735440.341E	30	NM
NZB180_B	4		354505.0S	1740226.8E	GRC				
NZB180_B	5		353520.4S	1735927.8E	CCA	351544.925S	1735440.341E	20	NM
NZB269	1	Mangatawhiri	371306.7S	1750656.1E	GRC				
NZB269	2	cableway road end	371636.5S	1751003.1E	GRC				
NZB269	3	Island Block Road and Coalfields Road intersection	371842.1S	1751002.5E	GRC				
NZB269	4	following the Whangamarino River from	372006.7S	1750707.7E	FNT				
NZB269	5	cableway road bridge	371820.8S	1750512.6E	GRC				
NZB269	6	following Mangatangi Road from	371327.4S	1750220.8E	FNT				
NZB273	1	Matamata AD ARP			CIR	374404.0S	1754431.0E	3	NM
NZB274	1	Clevedon VRP - a line following Monument Road from	365929.2S	1750214.7E	FNT				
NZB274	2	Intersection of Monument and Tourist Roads	370053.6S	1750250.5E	GRC				
NZB274	3	intersection of HT lines and Sky High Road	370330.0S	1750401.2E	GRC				
NZB274	4	spot height 900 ft	370333.5S	1750035.7E	GRC				



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

NZB274	5	Karaka	370437.5S	1745541.7E	GRC				
NZB274	6		370341.1S	1745520.1E	GRC				
NZB274	7	Kuaka Drive and Arion Road roundabout	370235.5S	1745548.4E	GRC				
NZB274	8	Alfriston School - a line following Alfriston and Brookby Roads from	370056.8S	1745628.9E	FNT				
NZB274	9		370002.8S	1745744.2E	GRC				
NZB274	10	intersection of Brookby and Fitzpatrick Roads	365950.2S	1745840.2E	GRC				
NZB276	1		373247.4S	1771356.7E	GRC				
NZB276	2	Motuhora Island	375118.9S	1765827.6E	GRC				
NZB276	3	Moutoki Island	374953.5S	1765301.0E	GRC				
NZB276	4		374808.5S	1764723.1E	GRC				
NZB276	5	Motunau Island	373945.1S	1763335.8E	GRC				
NZB276	6		372823.5S	1770920.7E	CWA	373110.9S	1771044.5E	3	NM
NZB277	1	Motuhora Island	375118.9S	1765827.6E	GRC				
NZB277	2		375516.4S	1765632.9E	GRC				
NZB277	3		375605.0S	1765621.7E	GRC				
NZB277	4	Paroa	375644.6S	1765603.8E	GRC				
NZB277	5		375540.5S	1765018.3E	GRC				
NZB277	6	Matata	375303.7S	1764442.6E	GRC				
NZB277	7		374808.5S	1764723.1E	GRC				
NZB277	8	Moutoki Island	374953.5S	1765301.0E	GRC				
NZB371	1	following the western HT lines from HT lines and Poutu Canal intersection	390541.7S	1754814.7E	FNT				



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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
NZB371	2	north-eastern corner of NZM300	391743.7S	1754353.7E	GRC			
NZB371	3		391719.7S	1754216.7E	GRC			
NZB371	4		391748.7S	1754015.7E	GRC			
NZB371	5		391733.7S	1753850.7E	GRC			
NZB371	6		391858.7S	1753715.7E	GRC			
NZB371	7		391953.7S	1753840.7E	GRC			
NZB371	8		392153.7S	1753955.7E	GRC			
NZB371	9		392153.7S	1754050.7E	GRC			
NZB371	10		392313.7S	1754115.7E	GRC			
NZB371	11	Mt Pouapoto; 2854 ft following the HT line from	392559.7S	1754026.7E	FNT			
NZB371	12	following SH49 from	392755.7S	1753932.7E	FNT			
NZB371	13	Tangiwai a line following the railway from	392801.7S	1753520.7E	FNT			
NZB371	14	Ohakune timber mill	392444.7S	1752600.6E	GRC			
NZB371	15	Makotuku River Road eastern end	392015.7S	1752527.6E	GRC			
NZB371	16	following SH47 from	391037.7S	1752409.6E	FNT			
NZB371	17	Lake Rotoaira Road and SH47 intersection; line following Lake Rotoaira Road from	390239.7S	1753630.7E	FNT			
NZB371	18	Lake Rotoaira Road and Poutu Canal intersection ; line following the Poutu Canal from	390457.7S	1754654.7E	FNT			
NZB375	1		395837.2S	1751623.5E	CCA	401234.5799S	1752331.0495E	15 NM
NZB375	2		400355.1S	1750732.4E	GRC			
NZB375	3	Waiinu Beach	395205.7S	1744430.6E	GRC			
NZB375	4	Waiototara - a line following SH 3	394820.9S	1744403.5E	FNT			



NZANR – Part 71 – MBZ boundaries

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

		from							
NZB375	5	Intersection of SH3 and Bushy park Road	395013.9S	1745458.4E	GRC				
NZB375	6	Intersection SH4 and Makarikiriki Road	395213.2S	1750650.2E	GRC				
NZB375	7	Fordell VRP	395737.7S	1751215.6E	GRC				
NZB472	1		380341.7S	1763730.2E	CWA	380629.3594S	1761850.3761E	15	NM
NZB472	2		382110.5S	1762246.3E	GRC				
NZB472	3	Waiotapu, following SH5 from	382022.6S	1762148.7E	FNT				
NZB472	4		381409.2S	1761800.0E	GRC				
NZB472	5		381258.5S	1761754.7E	GRC				
NZB472	6		380617.9S	1762433.4E	GRC				
NZB472	7		380511.3S	1762733.1E	GRC				
NZB475	1		390339.4S	1772621.7E	GRC				
NZB475	2		391204.9S	1773035.0E	GRC				
NZB475	3		391310.9S	1772318.0E	GRC				
NZB475	4		390408.3S	1772309.5E	GRC				
NZB477_A	1	Aratiatia Dam	383701.7S	1760811.4E	GRC				
NZB477_A	2	Rakanui Road and Centennial Drive intersection	383957.2S	1760703.2E	GRC				
NZB477_A	3	Broadlands Road and HT intersection	384052.4S	1760721.8E	GRC				
NZB477_A	4	Hill, 1830 ft	384212.1S	1760749.7E	GRC				
NZB477_A	5	Sandfly Hill	384408.6S	1760738.7E	GRC				
NZB477_A	6		384651.0S	1760719.6E	GRC				
NZB477_A	7	Five Mile Gully	384723.7S	1760715.7E	GRC				



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

NZB477_A	8		385059.7S	1760755.7E	GRC				
NZB477_A	9	Hatepe	385108.7S	1760041.7E	GRC				
NZB477_A	10	Motutaiko Island	385113.7S	1755633.7E	GRC				
NZB477_A	11	Whakaipo Bay	384117.6S	1755753.7E	GRC				
NZB477_A	12	Wairakei	383735.6S	1760619.7E	GRC				
NZB477_B	1		383317.2S	1760938.7E	GRC				
NZB477_B	2	Aratiatia Dam	383701.7S	1760811.4E	GRC				
NZB477_B	3	Wairakei	383735.6S	1760619.7E	GRC				
NZB477_B	4	Whakaipo Bay	384117.6S	1755753.7E	GRC				
NZB477_B	5	Motutaiko Island	385113.7S	1755633.7E	GRC				
NZB477_B	6	Hatepe	385108.7S	1760041.7E	GRC				
NZB477_B	7		385059.7S	1760755.7E	GRC				
NZB477_B	8	Five Mile Gully	384723.7S	1760715.7E	GRC				
NZB477_B	9		384651.0S	1760719.6E	GRC				
NZB477_B	10		385306.4S	1761518.2E	CWA	384435.6S	1760427.4E	12	NM
NZB680	1	Otaki Beach	404422.3S	1750658.7E	GRC				
NZB680	2	Museum	405337.8S	1750142.6E	GRC				
NZB680	3	Substation	405528.1S	1750048.6E	GRC				
NZB680	4		405655.5S	1750017.0E	GRC				
NZB680	5	McKays Crossing ; A line following the railway line from	405813.1S	1745855.6E	FNT				
NZB680	6		410147.3S	1745358.1E	GRC				
NZB680	7		410141.8S	1745311.6E	GRC				
NZB680	8		404759.6S	1745126.2E	GRC				
NZB680	9		403928.6S	1750517.7E	GRC				
NZB683	1		410031.9S	1730240.1E	GRC				



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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	

NZB683	2		410222.9S	1730305.4E	GRC				
NZB683	3		410352.4S	1730337.0E	GRC				
NZB683	4		410750.4S	1730458.4E	GRC				
NZB683	5		410937.6S	1730500.4E	GRC				
NZB683	6		411021.2S	1730000.0E	CWA	410724.0S	1725919.0E	3	NM
NZB683	7		410528.3S	1725615.8E	GRC				
NZB683	8		410059.4S	1730116.5E	GRC				
NZB773	1		413702.9S	1715124.4E	GRC				
NZB773	2	Westport town	414522.4S	1713552.8E	GRC				
NZB773	3		415020.9S	1712311.4E	GRC				
NZB773	4		414428.9S	1712047.4E	GRC				
NZB773	5		413145.9S	1714407.4E	GRC				
NZB775	1	Bench Island	465428.0S	1681421.1E	GRC				
NZB775	2	Big Glory Bay	465924.7S	1680551.8E	GRC				
NZB775	3	Freshwater River	465358.4S	1675801.5E	GRC				
NZB775	4	Lee Bay	465146.3S	1680723.7E	GRC				
NZB775	5	Edwards Island	465009.9S	1681303.6E	GRC				
NZB776	1	Edwards Island VRP	465009.9S	1681303.6E	GRC				
NZB776	2	Lee Bay VRP	465146.3S	1680723.7E	GRC				
NZB776	3	Freshwater River VRP	465358.4S	1675801.5E	GRC				
NZB776	4	Big Glory Bay VRP	465924.7S	1680551.8E	GRC				
NZB776	5	Bench Island VRP	465428.0S	1681421.1E	GRC				
NZB776	6	East Cape VRP	470054.8S	1681343.2E	GRC				
NZB776	7	Breaksea VRP	470706.3S	1681224.9E	GRC				
NZB776	8	South Cape VRP	471724.7S	1673214.7E	GRC				



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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	

NZB776	9	South West Cape VRP	471658.9S	1672757.3E	GRC				
NZB776	10	Pohowaitai Island VRP	471320.9S	1671930.6E	GRC				
NZB776	11	Codfish VRP	464538.8S	1673518.4E	GRC				
NZB776	12	Rugged Islands VRP	464209.7S	1674254.3E	GRC				
NZB776	13	Bishop and Clerks Islands	464027.7S	1674820.1E	GRC				
NZB776	14	Black Rock Poinr	464059.8S	1675208.4E	GRC				
NZB776	15	White Rock Point	464200.9S	1675527.5E	GRC				
NZB776	16	Saddle Point	464317.8S	1675834.8E	GRC				
NZB776	17	Gull Rock Point	464759.6S	1680158.2E	GRC				
NZB777	1	Dobson	422707.9S	1711835.5E	GRC				
NZB777	2		423316.8S	1711613.7E	GRC				
NZB777	3		423806.5S	1711642.4E	GRC				
NZB777	4	Dillmanstown	423914.7S	1711154.6E	GRC				
NZB777	5	Goldsborough	424033.3S	1710719.1E	GRC				
NZB777	6	Intersection SH6 and Woodstock Road	424922.5S	1705408.7E	GRC				
NZB777	7	Ross	425348.6S	1704853.5E	GRC				
NZB777	8		424400.1S	1703907.5E	GRC				
NZB777	9		422529.1S	1711146.5E	GRC				
NZB777	10	Lake Ryan	422534.1S	1711224.9E	GRC				
NZB778_A	1	Te Kinga railbridge	423605.9S	1713022.8E	GRC				
NZB778_A	2	Mount French, 4282 ft	424040.7S	1712039.3E	GRC				
NZB778_A	3	Lake Kaniere Weir	424753.0S	1710815.9E	GRC				
NZB778_A	4	Mount Misery, 3032 ft	425729.3S	1705902.1E	GRC				
NZB778_A	5	Ross	425348.6S	1704853.5E	GRC				
NZB778_A	6	Intersection SH6 and Woodstock	424922.5S	1705408.7E	GRC				



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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	

		Road							
NZB778_A	7	Goldsborough	424033.3S	1710719.1E	GRC				
NZB778_A	8	Dillmanstown	423914.7S	1711154.6E	GRC				
NZB778_A	9		423806.5S	1711642.4E	GRC				
NZB778_A	10		423316.8S	1711613.7E	GRC				
NZB778_A	11	Dobson	422707.9S	1711835.5E	GRC				
NZB778_A	12		423434.1S	1712838.6E	GRC				
NZB778_B	1		424011.2S	1713830.1E	GRC				
NZB778_B	2		425434.9S	1712434.3E	CCA	433014.76S	1723052.69E	60	NM
NZB778_B	3		425957.7S	1711942.9E	GRC				
NZB778_B	4	Mt Misery, 3032 ft	425729.3S	1705902.1E	GRC				
NZB778_B	5	Lake Kaniere Weir	424753.0S	1710815.9E	GRC				
NZB778_B	6	Mt French, 4282 ft	424040.7S	1712039.3E	GRC				
NZB778_B	7	Te Kinga railbridge	423605.9S	1713022.8E	GRC				
NZB871	1		424454.0S	1734200.5E	GRC				
NZB871	2	Conway Rivermouth	423653.9S	1732812.5E	GRC				
NZB871	3	Hapuku	421953.9S	1734341.5E	GRC				
NZB871	4		422953.9S	1735700.5E	GRC				
NZB875	1	West Melton			CIR	432836.0S	1722348.4E	1.5	NM
NZB876	1	centred on Rangiora AD			CIR	431724.0S	1723230.0E	1.5	NM
NZB971	1		441356.3S	1712527.0E	FNT				
NZB971	2	(Dashing Rocks); a line joining	442232.9S	1711507.5E	GRC				
NZB971	3		442304.2S	1711529.2E	GRC				
NZB971	4	a line following the mean high waterline	442315.4S	1711609.1E	FNT				
NZB971	5	Mutu Mutu Point; a line joining	442555.8S	1711538.1E	GRC				



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

NZB971	6	a line following the Main South Railway	442613.6S	1711522.7E	FNT				
NZB971	7	a line following the Otaio River from Otaio River Mouth to	443249.7S	1711044.7E	FNT				
NZB971	8	(McAlwees Crossinf Road; a line joining	442934.8S	1705945.4E	GRC				
NZB971	9	Colliers Road	442933.4S	1705910.9E	GRC				
NZB971	10		441833.3S	1710444.0E	GRC				
NZB971	11	Pleasant Point	441539.8S	1710753.0E	GRC				
NZB971	12	Int Tiplady, Mckenzie, Coach and Winchester Roads	440733.6S	1711500.8E	GRC				
NZB971	13	Orari Racecourse	440736.4S	1711735.3E	GRC				
NZB972	1		440809.2S	1714606.6E	GRC				
NZB972	2		441400.5S	1713958.0E	GRC				
NZB972	3	Coldstream	440845.2S	1713122.8E	GRC				
NZB972	4		440116.8S	1713652.9E	CCA	433014.76S	1723052.69E	50	NM
NZB973	1		441400.5S	1713958.0E	GRC				
NZB973	2		443426.6S	1711810.9E	GRC				
NZB973	3	a line following the Main South Railway from Otaio River Mouth	443249.7S	1711044.7E	FNT				
NZB973	4	a line joining	442613.6S	1711522.7E	GRC				
NZB973	5	a line following the mean high waterline from Mutu Mutu Point	442555.8S	1711538.1E	FNT				
NZB973	6		442315.4S	1711609.1E	GRC				
NZB973	7		442304.2S	1711529.2E	GRC				
NZB973	8	a line following the mean high waterline from Dashing Rocks	442232.9S	1711507.5E	FNT				



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

NZB973	9		441356.3S	1712527.0E	GRC			
NZB973	10	Coldstream	440845.2S	1713122.8E	GRC			
NZB974	1		443426.6S	1711810.9E	GRC			
NZB974	2	Wainono Lagoon	444218.5S	1710954.2E	GRC			
NZB974	3	Mt Studholme	443829.8S	1705438.7E	GRC			
NZB974	4	Colliers Road	442933.4S	1705910.9E	GRC			
NZB974	5	a line folowing the Otaio River	442934.8S	1705945.4E	FNT			
NZB974	6	Otaio River Mouth	443249.7S	1711044.7E	GRC			
NZB978	1	Mount Sibbald; 9222 ft	433307.0S	1703319.4E	GRC			
NZB978	2	Observation Hill; 5541 ft	433934.0S	1703445.4E	GRC			
NZB978	3	Tekapo ski field road	434930.0S	1703636.4E	GRC			
NZB978	4	Mt Hay; 3848 ft	435658.0S	1703357.3E	GRC			
NZB978	5	Hydro-electric canal	440401.0S	1702535.3E	GRC			
NZB978	6	SH8 bridge	440414.0S	1702134.3E	GRC			
NZB978	7	Ben Dhu; 5272 ft	440321.0S	1700548.3E	GRC			
NZB978	8	spot height; 6526 ft	440159.0S	1695145.3E	GRC			
NZB978	9	Mt. Ward; 8675 ft	435159.0S	1695004.3E	GRC			
NZB978	10	Fettes Peak; 8051 ft	434502.0S	1695211.3E	GRC			
NZB978	11	SH6 Karangarua River bridge	433429.0S	1694821.3E	GRC			
NZB978	12	Meyer Swamp	432654.0S	1694900.3E	GRC			
NZB978	13	Lake Lyttle	432514.0S	1695730.3E	GRC			
NZB978	14	end Waiho Flat Road	431944.0S	1700552.3E	GRC			
NZB978	15	Alpine Lake	431654.0S	1700830.3E	GRC			
NZB978	16	North end Lake Mapourika	431734.0S	1701314.3E	GRC			
NZB978	17	Gunn Peak; 5752 ft	432032.0S	1702153.3E	GRC			



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Identifier	Sequence	Remarks	Latitude	Longitude	Type	Arc latitude	Arc longitude	Arc radius
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NZB978	18	Mount McLoughnan; 8497 ft	432604.0S	1702833.4E	GRC			
NZB978	19	Pukewhero Peak; 6581 ft	433032.0S	1703114.4E	GRC			

*** END OF AIRSPACE BOUNDARY DESCRIPTIONS ***