



## AERONAUTICAL SERVICES

### NZANR – Part 71 – Controlled Airspace (CTA)

NOTES: (1) CTA-P = CTA-PART (2) Upper/Lower Limit is expressed in FT (AMSL) or FL (Flight Level) (3) Lower Limit = 0 FT equivalent to Lower Limit = SFC

Identifier	Name	Type	Class	Upper Limit		Lower Limit	
NZA132	AUCKLAND	CTA	C	600	FL	13500	FT
NZA136	AUCKLAND	CTA	C	9500	FT	6500	FT
NZA137	AUCKLAND	CTA	C	600	FL	9500	FT
NZA141	AUCKLAND	CTA	C	9500	FT	1500	FT
NZA142	AUCKLAND	CTA	C				
NZA142	AUCKLAND	CTA-P	C	9500	FT	2500	FT
NZA142_S	AUCKLAND	CTA-P	C	9500	FT	2500	FT
NZA143	AUCKLAND	CTA	C	9500	FT	3500	FT
NZA146	AUCKLAND	CTA	C	9500	FT	4500	FT
NZA232	AUCKLAND	CTA	D	9500	FT	6500	FT
NZA233	BAY	CTA	D	9500	FT	6500	FT
NZA234	ROTORUA	CTA	D	9500	FT	4500	FT
NZA237	TAURANGA	CTA	D	2500	FT	1500	FT
NZA238	TAURANGA	CTA	D	9500	FT	2500	FT
NZA239	HAMILTON	CTA	D	2500	FT	2000	FT
NZA240	AUCKLAND	CTA	C	9500	FT	3500	FT
NZA241	AUCKLAND	CTA	C	9500	FT	4500	FT
NZA242	AUCKLAND	CTA	C	9500	FT	6500	FT
NZA243	HAMILTON	CTA	D	9500	FT	2500	FT
NZA246	AUCKLAND	CTA	C	9500	FT	6500	FT
NZA249	HAMILTON	CTA	D	9500	FT	4500	FT
NZA320	NEW PLYMOUTH	CTA	D	6500	FT	5500	FT

## NZANR – Part 71 – Controlled Airspace (CTA)

NOTES: (1) CTA-P = <i>CTA-PART</i> (2) Upper/Lower Limit is expressed in FT ( <i>AMSL</i> ) or FL ( <i>Flight Level</i> ) (3) Lower Limit = 0 FT equivalent to Lower Limit = SFC							
Identifier	Name	Type	Class	Upper Limit		Lower Limit	
NZA321	CHRISTCHURCH	CTA	D	9500	FT	6500	FT
NZA330	OHAKEA	CTA	C	600	FL	11500	FT
NZA331	NEW PLYMOUTH	CTA	D	6500	FT	1500	FT
NZA332	OHAKEA	CTA	C	600	FL	13500	FT
NZA333	OHAKEA	CTA	C	9500	FT	3500	FT
NZA334	NEW PLYMOUTH	CTA	D	6500	FT	2500	FT
NZA335	OHAKEA	CTA	C	9500	FT	1500	FT
NZA336	OHAKEA	CTA	C	9500	FT	1800	FT
NZA337	OHAKEA	CTA	C	9500	FT	2500	FT
NZA338	OHAKEA	CTA	C	9500	FT	2500	FT
NZA339	OHAKEA	CTA	C	9500	FT	2500	FT
NZA340	OHAKEA	CTA	C	9500	FT	5500	FT
NZA341	NEW PLYMOUTH	CTA	D	6500	FT	3000	FT
NZA344	NEW PLYMOUTH	CTA	D	6500	FT	4500	FT
NZA345	NEW PLYMOUTH	CTA	D	6500	FT	4500	FT
NZA346	OHAKEA	CTA	C	9500	FT	4500	FT
NZA347	OHAKEA	CTA	C				
NZA347	OHAKEA	CTA-P	C	600	FL	9500	FT
NZA347_S	OHAKEA	CTA-P		600	FL	9500	FT
NZA348	OHAKEA	CTA	D	9500	FT	6500	FT
NZA433	NAPIER	CTA	D	9500	FT	8500	FT
NZA437	NAPIER	CTA	D	9500	FT	5500	FT
NZA438	NAPIER	CTA	D	9500	FT	6500	FT
NZA444	GISBORNE	CTA	D	3500	FT	2500	FT
NZA445	GISBORNE	CTA	D	9500	FT	3500	FT
NZA446	GISBORNE	CTA	D	9500	FT	4500	FT

## NZANR – Part 71 – Controlled Airspace (CTA)

NOTES: (1) CTA-P = CTA-PART (2) Upper/Lower Limit is expressed in FT (AMSL) or FL (Flight Level) (3) Lower Limit = 0 FT equivalent to Lower Limit = SFC							
Identifier	Name	Type	Class	Upper Limit		Lower Limit	
NZA447	GISBORNE	CTA	D	9500	FT	6500	FT
NZA448	ROTORUA	CTA	D	9500	FT	3500	FT
NZA449	NAPIER	CTA	D	9500	FT	7500	FT
NZA452	NAPIER	CTA	D	9500	FT	2500	FT
NZA453	NAPIER	CTA	D	9500	FT	3500	FT
NZA454	NAPIER	CTA	D	9500	FT	4500	FT
NZA458	NAPIER	CTA	D	2500	FT	1500	FT
NZA459	NAPIER	CTA	D	2500	FT	2000	FT
NZA465	BAY	CTA	C	600	FL	9500	FT
NZA467	BAY	CTA	D	9500	FT	6500	FT
NZA469	BAY	CTA	C	600	FL	13500	FT
NZA531	NAPIER	CTA	D	9500	FT	5500	FT
NZA532	NAPIER	CTA	D	9500	FT	6500	FT
NZA533	NAPIER	CTA	D	9500	FT	4500	FT
NZA621	NELSON	CTA	D	3500	FT	1500	FT
NZA622	NELSON	CTA	D	3500	FT	2000	FT
NZA623	NELSON	CTA	D	3500	FT	2500	FT
NZA624	NELSON	CTA	D	3500	FT	3000	FT
NZA625	NELSON	CTA	D	9500	FT	3500	FT
NZA626	NELSON	CTA	D	9500	FT	4500	FT
NZA627	NELSON	CTA	D	9500	FT	5500	FT
NZA628	NELSON	CTA	D	9500	FT	6500	FT
NZA629	NELSON	CTA	D	9500	FT	7500	FT
NZA630	CHRISTCHURCH	CTA	D	9500	FT	5500	FT
NZA631	WOODBOURNE	CTA	C	9500	FT	3500	FT
NZA633	WELLINGTON	CTA	C	9500	FT	1500	FT

## NZANR – Part 71 – Controlled Airspace (CTA)

NOTES: (1) CTA-P = <i>CTA-PART</i> (2) Upper/Lower Limit is expressed in FT ( <i>AMSL</i> ) or FL ( <i>Flight Level</i> ) (3) Lower Limit = 0 FT equivalent to Lower Limit = SFC							
Identifier	Name	Type	Class	Upper Limit		Lower Limit	
NZA634	WELLINGTON	CTA	C	9500	FT	2500	FT
NZA635	WELLINGTON	CTA	C	9500	FT	3500	FT
NZA636	WELLINGTON	CTA	C	9500	FT	3500	FT
NZA637	WELLINGTON	CTA	C	9500	FT	4500	FT
NZA638	WELLINGTON	CTA	C	9500	FT	4500	FT
NZA639	WELLINGTON	CTA	C	9500	FT	4500	FT
NZA640	WELLINGTON	CTA	C	9500	FT	5500	FT
NZA641	WELLINGTON	CTA	C	9500	FT	5500	FT
NZA642	WELLINGTON	CTA	C	9500	FT	7500	FT
NZA643	WELLINGTON	CTA	C	9500	FT	3500	FT
NZA727	CHRISTCHURCH	CTA	C	600	FL	175	FL
NZA728	CHRISTCHURCH	CTA	D	600	FL	9500	FT
NZA729	QUEENSTOWN	CTA	C	175	FL	13500	FT
NZA730	QUEENSTOWN	CTA	C	175	FL	9500	FT
NZA731	QUEENSTOWN	CTA	C	175	FL	7500	FT
NZA733	QUEENSTOWN	CTA	C	175	FL	6500	FT
NZA734	INVERCARGILL	CTA	D	9500	FT	2500	FT
NZA736	CHRISTCHURCH	CTA	C	600	FL	13500	FT
NZA737	INVERCARGILL	CTA	D	9500	FT	1500	FT
NZA738	INVERCARGILL	CTA	D	9500	FT	5500	FT
NZA739	INVERCARGILL	CTA	D	9500	FT	6500	FT
NZA741	QUEENSTOWN	CTA	C	175	FL	7500	FT
NZA742	QUEENSTOWN	CTA	C	175	FL	9500	FT
NZA744	QUEENSTOWN	CTA	C	175	FL	13500	FT
NZA745	INVERCARGILL	CTA	D	9500	FT	4500	FT
NZA746	INVERCARGILL	CTA	D	9500	FT	3500	FT

## NZANR – Part 71 – Controlled Airspace (CTA)

NOTES: (1) CTA-P = <i>CTA-PART</i> (2) Upper/Lower Limit is expressed in FT ( <i>AMSL</i> ) or FL ( <i>Flight Level</i> ) (3) Lower Limit = 0 FT equivalent to Lower Limit = SFC							
Identifier	Name	Type	Class	Upper Limit		Lower Limit	
NZA830	CHRISTCHURCH	CTA-P	C	600	FL	9500	FT
NZA830	CHRISTCHURCH	CTA	C				
NZA830_S	CHRISTCHURCH	CTA-P		600	FL	9500	FT
NZA831	CHRISTCHURCH	CTA	C	600	FL	13500	FT
NZA833	CHRISTCHURCH	CTA	D	9500	FT	7500	FT
NZA834	CHRISTCHURCH	CTA	C	9500	FT	7500	FT
NZA837	CHRISTCHURCH	CTA	C	600	FL	11500	FT
NZA842	CHRISTCHURCH	CTA	C	9500	FT	1500	FT
NZA843	CHRISTCHURCH	CTA	C	9500	FT	2000	FT
NZA845	CHRISTCHURCH	CTA	C	9500	FT	3500	FT
NZA846	CHRISTCHURCH	CTA	C	9500	FT	2500	FT
NZA847	CHRISTCHURCH	CTA	C	9500	FT	5500	FT
NZA849	CHRISTCHURCH	CTA	C	9500	FT	7500	FT
NZA930	CHRISTCHURCH	CTA	C	600	FL	9500	FT
NZA931	CHRISTCHURCH	CTA	C	600	FL	13500	FT
NZA932	CHRISTCHURCH	CTA	C	600	FL	13500	FT
NZA933	CHRISTCHURCH	CTA	C	600	FL	13500	FT
NZA934	CHRISTCHURCH	CTA	C	600	FL	175	FL
NZA936	DUNEDIN	CTA	D	9500	FT	3500	FT
NZA937	DUNEDIN	CTA	D	9500	FT	4500	FT
NZA938	DUNEDIN	CTA	D	13500	FT	7500	FT
NZA942	QUEENSTOWN	CTA	C	175	FL	13500	FT
NZA947	CHRISTCHURCH	CTA	C	600	FL	245	FL

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



## AERONAUTICAL SERVICES

### NZANR – Part 71 – CTA 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	
NZA132	1		373229.50S	1785608.90E	GRC				
NZA132	2		371044.00S	1765325.10E	CCA	370016.30S	1744849.40E	100	NM
NZA132	3		382711.50S	1734628.50E	GRC				
NZA132	4		390221.00S	1733229.00E	GRC				
NZA132	5		390738.10S	1713321.70E	CWA	370016.30S	1744849.40E	200	NM
NZA136	1		362024.50S	1751452.90E	CWA	370016.30S	1744849.40E	45	NM
NZA136	2		371524.00S	1754143.00E	GRC				
NZA136	3		373047.70S	1752321.80E	GRC				
NZA136	4		373047.00S	1752115.00E	GRC				
NZA136	5		371829.50S	1752614.60E	CCA	370016.30S	1744849.40E	35	NM
NZA136	6		362824.30S	1750655.60E	CCA	364712.45S	1743752.45E	30	NM
NZA136	7		365758.43S	1740248.98E	GRC				
NZA136	8		365851.33S	1735001.33E	CWA	364712.45S	1743752.45E	40	NM
NZA136	9		361510.90S	1740804.10E	GRC				
NZA136	10		360122.20S	1741304.10E	CWA	364712.45S	1743752.45E	50	NM
NZA136	11		355729.40S	1743109.50E	GRC				
NZA136	12		360709.30S	1743715.60E	CWA	364712.45S	1743752.45E	40	NM
NZA137	1		371044.00S	1765325.10E	GRC				
NZA137	2		365835.70S	1754459.30E	CWA	370016.30S	1744849.40E	45	NM
NZA137	3		371524.00S	1754143.00E	GRC				
NZA137	4		373047.70S	1752321.80E	GRC				
NZA137	5	Morrinsville	373928.80S	1753140.30E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA137	6		375609.00S	1754539.00E	GRC				
NZA137	7		385718.30S	1753437.30E	GRC				
NZA137	8		385555.10S	1752219.30E	GRC				
NZA137	9	Taumarunui NDB	385517.50S	1751849.40E	GRC				
NZA137	10		391349.10S	1745455.60E	GRC				
NZA137	11	New Plymouth VOR/DME	390026.07S	1741102.16E	GRC				
NZA137	12		390149.40S	1734327.00E	GRC				
NZA137	13		390221.00S	1733229.00E	GRC				
NZA137	14		382711.50S	1734628.50E	CWA	370016.30S	1744849.40E	100	NM
NZA141	1		364738.50S	1745855.90E	CWA	370016.68S	1744849.07E	15	NM
NZA141	2		370043.80S	1750732.30E	GRC				
NZA141	3	intersection of West Rd and HT Lines	370004.60S	1750142.00E	GRC				
NZA141	4	intersection of Brookby Rd and Fitzpatrick Rd, follows Afriston and Brookby Rd	365950.20S	1745840.20E	FNT				
NZA141	5	Alfriston and Brookby RdAlfriston	370100.90S	1745626.60E	GRC				
NZA141	6	Training track	370236.70S	1745544.40E	GRC				
NZA141	7	Karaka	370437.50S	1745541.70E	GRC				
NZA141	8		370953.60S	1745400.60E	GRC				
NZA141	9		371353.70S	1745400.70E	GRC				
NZA141	10		371434.60S	1745433.10E	CWA	370016.30S	1744849.40E	15	NM
NZA141	11		370240.90S	1743019.70E	GRC				
NZA141	12	Cornwallis Rd and Huia Rd intersection	365954.10S	1743543.80E	GRC				
NZA141	13	Dam	365744.80S	1743653.40E	GRC				
NZA141	14	Blockhouse Bay	365533.60S	1744224.70E	GRC				
NZA141	15	Panmure	365444.10S	1745130.00E	GRC				
NZA141	16	Holder Lookout	365142.80S	1745255.80E	GRC				
NZA141	17	Musick Point	365047.50S	1745406.70E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA142	1		371009.90S	1751731.40E	CWA	370016.68S	1744849.07E	25	NM
NZA142	2		365856.50S	1741739.40E	CWA	364712.45S	1743752.45E	20	NM
NZA142	3		364325.60S	1750217.50E	CWA	370016.30S	1744849.40E	20	NM
NZA142	4		370052.20S	1751346.80E	GRC				
NZA142	5	Upper Mangatawhiri Reservoir Dam	370510.40S	1750916.70E	GRC				
NZA142	6	Mangatangi Reservoir Dam	370700.50S	1751241.00E	GRC				
NZA142_S	1	and	364738.50S	1745855.90E	CWA	370016.68S	1744849.07E	15	NM
NZA142_S	2		370043.80S	1750732.30E	GRC				
NZA142_S	3	West Road and HT Lines intersection	370004.60S	1750142.00E	GRC				
NZA142_S	4	Brookby Rd and Fitzpatrick Rd intersection	365950.20S	1745840.20E	FNT				
NZA142_S	5	Alfriston	370100.90S	1745626.60E	GRC				
NZA142_S	6	Training track	370236.70S	1745544.40E	GRC				
NZA142_S	7	Karaka	370437.50S	1745541.70E	GRC				
NZA142_S	8		370953.60S	1745400.60E	GRC				
NZA142_S	9		371353.70S	1745400.70E	GRC				
NZA142_S	10		371434.60S	1745433.10E	CWA	370016.30S	1744849.40E	15	NM
NZA142_S	11		370240.90S	1743019.70E	GRC				
NZA142_S	12	Cornwallis Rd and Huia Rd intersection	365954.10S	1743543.80E	GRC				
NZA142_S	13	Dam	365744.80S	1743653.40E	GRC				
NZA142_S	14	Blockhouse Bay	365533.60S	1744224.70E	GRC				
NZA142_S	15	Panmure	365444.10S	1745130.00E	GRC				
NZA142_S	16	Holder Lookout	365142.80S	1745255.80E	GRC				
NZA142_S	17	Musick Point	365047.50S	1745406.70E	GRC				
NZA143	1		363636.60S	1745857.30E	CWA	370016.68S	1744849.07E	25	NM
NZA143	2		371009.90S	1751731.40E	GRC				
NZA143	3	Mangatangi Reservoir Dam	370700.50S	1751241.00E	GRC				
NZA143	4	Upper Mangatawhiri Reservoir Dam	370510.40S	1750916.70E	GRC				



## NZANR – Part 71 – CTA 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)									
NZA143	5		370052.20S	1751346.80E	CCA	370016.30S	1744849.40E	20	NM
NZA143	6		364325.60S	1750217.50E	CCA	364712.45S	1743752.45E	20	NM
NZA146	1		362824.30S	1750655.60E	CWA	370016.30S	1744849.40E	35	NM
NZA146	2		371829.50S	1752614.60E	GRC				
NZA146	3		373047.00S	1752115.00E	GRC				
NZA146	4		373047.70S	1751914.90E	GRC				
NZA146	5		373219.70S	1751408.80E	GRC				
NZA146	6	Huntly	373343.00S	1750930.50E	GRC				
NZA146	7		373424.10S	1745853.40E	CWA	370016.30S	1744849.40E	35	NM
NZA146	8		371800.58S	1741103.27E	GRC				
NZA146	9		371409.81S	1742249.68E	CCA	370016.30S	1744849.40E	25	NM
NZA146	10		363636.60S	1745857.30E	CCA	364712.45S	1743752.45E	20	NM
NZA146	11		365705.89S	1741608.79E	GRC				
NZA146	12		365758.43S	1740248.98E	CWA	364712.45S	1743752.45E	30	NM
NZA232	1		383246.00S	1753905.00E	GRC				
NZA232	2		385718.30S	1753437.30E	GRC				
NZA232	3		385555.10S	1752219.30E	GRC				
NZA232	4	Taumarunui NDB	385517.50S	1751849.40E	GRC				
NZA232	5		391349.10S	1745455.60E	GRC				
NZA232	6	New Plymouth VOR/DME	390026.10S	1741102.20E	GRC				
NZA232	7		390149.40S	1734327.00E	CWA	390026.07S	1741102.16E	21.5	NM
NZA232	8		384010.10S	1740153.50E	GRC				
NZA232	9		383338.90S	1740317.30E	GRC				
NZA232	10		373909.40S	1742018.40E	CCA	370016.30S	1744849.40E	45	NM
NZA232	11		374438.50S	1745833.30E	GRC				
NZA232	12		374925.00S	1745824.00E	GRC				
NZA232	13		380650.40S	1750101.40E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA232	14		381123.70S	1750202.80E	GRC				
NZA232	15		383151.00S	1745947.00E	GRC				
NZA232	16		383506.00S	1751918.00E	GRC				
NZA233	1		371409.80S	1760931.00E	CCA	374039.20S	1761128.40E	26.5	NM
NZA233	2		372715.10S	1754242.20E	GRC				
NZA233	3	Morrinsville	373928.80S	1753140.30E	GRC				
NZA233	4		373047.70S	1752321.80E	GRC				
NZA233	5		371524.00S	1754143.00E	CCA	370016.30S	1744849.40E	45	NM
NZA233	6		370816.00S	1754409.50E	GRC				
NZA234	1		380341.70S	1763730.20E	CWA	380629.36S	1761850.38E	15	NM
NZA234	2		382110.50S	1762246.30E	GRC				
NZA234	3		383058.00S	1762524.60E	CWA	380629.36S	1761850.38E	25	NM
NZA234	4		381508.00S	1754905.00E	GRC				
NZA234	5	Wharepapa South	380838.00S	1753301.00E	GRC				
NZA234	6	Korakonui	380857.00S	1752509.50E	GRC				
NZA234	7	Whanaka, 1250 ft	380118.80S	1752912.70E	GRC				
NZA234	8	Mt Ruru, 1613 ft	374725.80S	1753342.70E	GRC				
NZA234	9	Morrinsville	373928.80S	1753140.30E	GRC				
NZA234	10		372715.10S	1754242.20E	CWA	374039.20S	1761128.40E	26.5	NM
NZA234	11		371409.80S	1760931.00E	GRC				
NZA234	12		372711.30S	1761028.50E	CCA	374039.20S	1761128.40E	13.5	NM
NZA234	13		374058.90S	1755428.10E	GRC				
NZA234	14		380917.20S	1760009.50E	CCA	380629.36S	1761850.38E	15	NM
NZA234	15		382113.20S	1761510.30E	GRC				
NZA234	16		381639.20S	1761818.40E	GRC				
NZA234	17		381409.20S	1761800.00E	GRC				
NZA234	18		380923.30S	1762549.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA234	19		380511.30S	1762733.10E	GRC				
NZA237	1		373720.60S	1762524.90E	GRC				
NZA237	2		374322.90S	1762459.20E	GRC				
NZA237	3		374305.20S	1762025.60E	GRC				
NZA237	4		374251.00S	1761651.50E	GRC				
NZA237	5		374258.40S	1761414.70E	GRC				
NZA237	6		374328.00S	1761013.20E	GRC				
NZA237	7		374213.80S	1760819.00E	GRC				
NZA237	8		374220.80S	1760630.00E	GRC				
NZA237	9		374209.60S	1760212.00E	GRC				
NZA237	10		374157.60S	1755745.90E	GRC				
NZA237	11		373642.10S	1755818.10E	GRC				
NZA237	12		373257.90S	1760324.40E	GRC				
NZA237	13		373438.30S	1762132.00E	GRC				
NZA238	1		374207.70S	1762941.60E	GRC				
NZA238	2		374618.10S	1762617.90E	GRC				
NZA238	3		374739.10S	1762335.00E	GRC				
NZA238	4		374617.70S	1755829.40E	GRC				
NZA238	5		374444.40S	1755731.50E	GRC				
NZA238	6		374157.60S	1755745.90E	GRC				
NZA238	7		373642.10S	1755818.10E	GRC				
NZA238	8		373541.30S	1755537.50E	CWA	374039.20S	1761128.40E	13.53	NM
NZA238	9		373629.10S	1762741.10E	GRC				
NZA239	1		374152.90S	1752639.20E	GRC				
NZA239	2		374548.80S	1752828.80E	GRC				
NZA239	3		380036.40S	1752341.80E	GRC				
NZA239	4		380310.30S	1751858.20E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA239	5		380153.30S	1751318.60E	GRC				
NZA239	6		375805.70S	1751127.40E	GRC				
NZA239	7		374310.30S	1751619.60E	GRC				
NZA239	8		374036.90S	1752105.20E	GRC				
NZA240	1		365705.89S	1741608.79E	CCA	364712.45S	1743752.45E	20	NM
NZA240	2		365904.13S	1741735.86E	CCA	370016.30S	1744849.40E	25	NM
NZA240	3		371409.81S	1742249.68E	GRC				
NZA240	4		371800.58S	1741103.27E	CWA	370016.30S	1744849.40E	35	NM
NZA240	5		370153.25S	1740505.50E	CWA	364712.45S	1743752.45E	30	NM
NZA240	6		365758.43S	1740248.98E	GRC				
NZA241	1		365758.43S	1740248.98E	CCA	364712.45S	1743752.45E	30	NM
NZA241	2		370153.25S	1740505.50E	CCA	370016.30S	1744849.40E	35	NM
NZA241	3		371800.58S	1741103.27E	GRC				
NZA241	4		372149.90S	1735919.54E	CWA	370016.30S	1744849.40E	45	NM
NZA241	5		370436.92S	1735248.25E	CWA	364712.45S	1743752.45E	40	NM
NZA241	6		365851.33S	1735001.33E	GRC				
NZA242	1		365851.33S	1735001.33E	CCA	364712.45S	1743752.45E	40	NM
NZA242	2		370436.92S	1735248.25E	CCA	370016.30S	1744849.40E	45	NM
NZA242	3		372149.90S	1735919.54E	GRC				
NZA242	4		372536.10S	1734746.28E	CWA	370016.30S	1744849.40E	55	NM
NZA242	5		365906.76S	1734001.50E	GRC				
NZA243	1		373047.70S	1752321.80E	GRC				
NZA243	2	Morrinsville	373928.80S	1753140.30E	GRC				
NZA243	3	Mt Ruru	374725.80S	1753342.70E	GRC				
NZA243	4	Whanaka, 1250 ft	380118.80S	1752912.70E	GRC				
NZA243	5	Korakonui	380857.00S	1752509.50E	GRC				
NZA243	6	Otorohanga	381113.30S	1751239.40E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA243	7		380421.40S	1750647.90E	GRC				
NZA243	8		375939.60S	1750915.20E	GRC				
NZA243	9		375854.10S	1750852.90E	GRC				
NZA243	10		375732.70S	1750442.00E	GRC				
NZA243	11	Hakarimata, 1227 ft	373942.90S	1750729.00E	GRC				
NZA243	12	Huntly	373343.00S	1750930.50E	GRC				
NZA243	13		373219.70S	1751408.80E	GRC				
NZA243	14		373047.70S	1751914.90E	GRC				
NZA243	15		373047.00S	1752115.00E	GRC				
NZA246	1		371800.60S	1741103.30E	CCA	370016.30S	1744849.40E	35	NM
NZA246	2		373424.10S	1745853.40E	GRC				
NZA246	3		374438.50S	1745833.30E	CWA	370016.30S	1744849.40E	45	NM
NZA246	4		373909.40S	1742018.40E	CWA	370016.30S	1744849.40E	45	NM
NZA246	5		372149.90S	1735919.60E	GRC				
NZA249	1	Huntly	373343.00S	1750930.50E	GRC				
NZA249	2	Hakarimata, 1227 ft	373942.90S	1750729.00E	GRC				
NZA249	3		375732.70S	1750442.00E	GRC				
NZA249	4		375854.10S	1750852.90E	GRC				
NZA249	5		375939.60S	1750915.20E	GRC				
NZA249	6		380421.40S	1750647.90E	GRC				
NZA249	7	Otorohanga	381113.30S	1751239.40E	GRC				
NZA249	8	Korakonui	380857.00S	1752509.50E	GRC				
NZA249	9	Maihihi	381254.90S	1752302.70E	GRC				
NZA249	10		381558.20S	1752125.00E	CWA	375057.70S	1752019.00E	25	NM
NZA249	11		381123.70S	1750202.80E	GRC				
NZA249	12		380650.40S	1750101.40E	GRC				
NZA249	13		374925.00S	1745824.00E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA249	14		373424.10S	1745853.40E	GRC				
NZA320	1	Mokau River Mouth	384222.20S	1743647.90E	GRC				
NZA320	2		390013.40S	1744149.20E	GRC				
NZA320	3		391224.40S	1743328.40E	GRC				
NZA320	4		391533.40S	1742817.40E	GRC				
NZA320	5		391834.30S	1741958.00E	GRC				
NZA320	6		391822.70S	1741410.80E	GRC				
NZA320	7		391748.00S	1741050.50E	GRC				
NZA320	8		391459.80S	1741021.70E	GRC				
NZA320	9		391532.90S	1741631.20E	GRC				
NZA320	10		391256.00S	1742526.80E	GRC				
NZA320	11	Purangi	390909.80S	1743117.40E	GRC				
NZA320	12		385940.20S	1743757.40E	CCA	390026.07S	1741102.16E	21	NM
NZA320	13		384308.90S	1742624.30E	GRC				
NZA320	14		384346.80S	1740203.20E	GRC				
NZA320	15		384700.10S	1734927.80E	CWA	390026.07S	1741102.16E	21.5	NM
NZA320	16		383917.80S	1741644.00E	GRC				
NZA321	1		391349.10S	1745455.60E	GRC				
NZA321	2		394128.30S	1745505.00E	CCA	401234.58S	1752331.05E	38	NM
NZA321	3		394745.20S	1744603.20E	GRC				
NZA321	4		403753.80S	1745231.60E	GRC				
NZA321	5		405417.40S	1741820.90E	GRC				
NZA321	6		394349.30S	1743146.40E	GRC				
NZA321	7		393151.40S	1742442.40E	GRC				
NZA321	8		392817.00S	1741238.30E	GRC				
NZA321	9		391748.00S	1741050.50E	GRC				
NZA321	10		391459.80S	1741021.70E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA321	11		391106.90S	1740942.20E	GRC				
NZA321	12		390923.80S	1740101.00E	GRC				
NZA321	13		391207.00S	1735839.40E	GRC				
NZA321	14		391838.50S	1735857.90E	GRC				
NZA321	15		392351.60S	1735909.60E	GRC				
NZA321	16		393014.10S	1740239.90E	GRC				
NZA321	17		393018.40S	1735415.10E	GRC				
NZA321	18		391844.20S	1735335.20E	GRC				
NZA321	19		391145.80S	1734733.10E	CWA	390026.07S	1741102.16E	21.5	NM
NZA321	20		390149.40S	1734327.00E	GRC				
NZA321	21	New Plymouth VOR/DME	390026.10S	1741102.20E	GRC				
NZA330	1		391722.42S	1753345.60E	CIR	391722.42S	1753345.60E	3	NM
NZA331	1	Mimi River Mouth	385749.70S	1742609.60E	GRC				
NZA331	2		390123.00S	1742349.70E	GRC				
NZA331	3		390317.10S	1742116.30E	GRC				
NZA331	4		390751.80S	1740600.50E	GRC				
NZA331	5		390809.40S	1740023.90E	GRC				
NZA331	6		390544.60S	1735620.70E	GRC				
NZA331	7		390249.10S	1735505.00E	GRC				
NZA331	8		385643.20S	1735905.80E	CWA	390026.07S	1741102.16E	10	NM
NZA331	9		385113.00S	1741600.30E	GRC				
NZA331	10		385444.50S	1742448.90E	GRC				
NZA332	1		400016.90S	1783207.30E	GRC				
NZA332	2		421219.50S	1755312.80E	GRC				
NZA332	3		414847.70S	1751737.90E	GRC				
NZA332	4		411650.00S	1754818.50E	GRC				
NZA332	5		390908.00S	1774518.80E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA333	1		401530.90S	1755836.90E	CWA	401912.89S	1753816.25E	16	NM
NZA333	2		402849.90S	1755501.10E	GRC				
NZA333	3	Eketahuna	403847.00S	1754219.60E	GRC				
NZA333	4	Mangaroa Road bridge	403721.90S	1753546.30E	GRC				
NZA333	5	2617 ft	403635.10S	1753159.60E	GRC				
NZA333	6	Dam	403608.00S	1752946.10E	GRC				
NZA333	7		404238.50S	1751622.20E	GRC				
NZA333	8	KAPTI	403753.80S	1745948.00E	GRC				
NZA333	9		403753.80S	1745231.60E	GRC				
NZA333	10		394745.20S	1744603.20E	CWA	401234.58S	1752331.05E	38	NM
NZA333	11		394128.30S	1745505.00E	GRC				
NZA333	12		394150.70S	1752210.20E	GRC				
NZA333	13		394841.00S	1752643.30E	CWA	401234.58S	1752331.05E	24	NM
NZA333	14		395203.90S	1753946.70E	GRC				
NZA333	15	Mangapipi Road and Kiwitea-Tapuae Road intersection	395930.10S	1754337.90E	GRC				
NZA333	16	Kimbolton	400332.80S	1754647.00E	GRC				
NZA333	17		401644.80S	1754523.70E	GRC				
NZA333	18	Cheltenham	400817.50S	1753938.20E	GRC				
NZA333	19		400426.70S	1753957.50E	CCA	401234.58S	1752331.05E	15	NM
NZA333	20		401427.10S	1750405.20E	GRC				
NZA333	21		402327.20S	1750554.50E	GRC				
NZA333	22		403253.80S	1750749.60E	GRC				
NZA333	23		403253.80S	1751546.20E	GRC				
NZA333	24		402833.70S	1751830.80E	GRC				
NZA333	25		402537.50S	1753452.70E	GRC				
NZA333	26		402153.30S	1755333.60E	CCA	401912.89S	1753816.25E	12	NM
NZA333	27		401611.80S	1755328.60E	GRC				



## NZANR – Part 71 – CTA 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)									
NZA334	1		385726.20S	1743740.30E	GRC				
NZA334	2		390747.30S	1742723.30E	GRC				
NZA334	3		390958.90S	1742339.20E	GRC				
NZA334	4		391216.50S	1741533.80E	GRC				
NZA334	5		391106.90S	1740942.20E	GRC				
NZA334	6		390923.80S	1740101.00E	GRC				
NZA334	7		390611.50S	1735231.80E	GRC				
NZA334	8		390149.40S	1734327.00E	CWA	390026.07S	1741102.16E	21.5	NM
NZA334	9		384700.10S	1734927.80E	GRC				
NZA334	10		384346.80S	1740203.20E	GRC				
NZA334	11		384308.90S	1742624.30E	CWA	390026.07S	1741102.16E	21	NM
NZA335	1		401709.00S	1754617.50E	GRC				
NZA335	2		401939.10S	1754532.20E	GRC				
NZA335	3		402037.60S	1754443.90E	GRC				
NZA335	4		402212.50S	1754325.50E	GRC				
NZA335	5		402208.50S	1753943.30E	GRC				
NZA335	6		402537.50S	1753452.70E	GRC				
NZA335	7		402833.70S	1751830.80E	GRC				
NZA335	8	Himatangi	402328.30S	1751854.30E	GRC				
NZA335	9	Himatangi Beach	402223.80S	1751340.60E	GRC				
NZA335	10		402327.20S	1750554.50E	GRC				
NZA335	11		401427.10S	1750405.20E	CWA	401234.58S	1752331.05E	15	NM
NZA335	12	Follows HT lines	395836.40S	1751621.80E	FNT				
NZA335	13	Follow HT lines	400131.20S	1752200.30E	GRC				
NZA335	14	Cheltenham	400817.50S	1753938.20E	GRC				
NZA335	15		401644.80S	1754523.70E	GRC				
NZA336	1		401709.00S	1754617.50E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA336	2		401814.00S	1754823.60E	GRC				
NZA336	3		401900.20S	1754857.70E	GRC				
NZA336	4		401922.00S	1754842.00E	GRC				
NZA336	5		401923.30S	1754708.90E	GRC				
NZA336	6		402021.20S	1754631.90E	GRC				
NZA336	7		402037.60S	1754443.90E	GRC				
NZA336	8		401939.10S	1754532.20E	GRC				
NZA337	1	Himatangi	402328.30S	1751854.30E	GRC				
NZA337	2		402833.70S	1751830.80E	GRC				
NZA337	3		403253.80S	1751546.20E	GRC				
NZA337	4		403253.80S	1750749.60E	GRC				
NZA337	5		402327.20S	1750554.50E	GRC				
NZA337	6	Himatangi Beach	402223.80S	1751340.60E	GRC				
NZA338	1		400426.70S	1753957.50E	GRC				
NZA338	2	Cheltenham	400817.50S	1753938.20E	GRC				
NZA338	3	a line following the high tension lines from	400131.20S	1752200.30E	FNT				
NZA338	4	following the high tension lines	395836.40S	1751621.80E	CWA	401234.58S	1752331.05E	15	NM
NZA339	1		401611.80S	1755328.60E	CWA	401912.89S	1753816.25E	12	NM
NZA339	2		402153.30S	1755333.60E	GRC				
NZA339	3		402537.50S	1753452.70E	GRC				
NZA339	4		402208.50S	1753943.30E	GRC				
NZA339	5		402212.50S	1754325.50E	GRC				
NZA339	6		402037.60S	1754443.90E	GRC				
NZA339	7		402021.20S	1754631.90E	GRC				
NZA339	8		401923.30S	1754708.90E	GRC				
NZA339	9		401922.00S	1754842.00E	GRC				
NZA339	10		401900.20S	1754857.70E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA339	11		401814.00S	1754823.60E	GRC				
NZA339	12		401709.00S	1754617.50E	GRC				
NZA340	1	Eketahuna	403847.00S	1754219.60E	GRC				
NZA340	2		404033.60S	1753900.00E	GRC				
NZA340	3		404109.70S	1752801.00E	GRC				
NZA340	4		404011.40S	1752125.60E	GRC				
NZA340	5	Dam	403608.00S	1752946.10E	GRC				
NZA340	6	spot height 2617 ft	403635.10S	1753159.60E	GRC				
NZA340	7	Mangaroa Road bridge	403721.90S	1753546.30E	GRC				
NZA341	1		390923.80S	1740101.00E	GRC				
NZA341	2		391207.00S	1735839.40E	GRC				
NZA341	3		391145.80S	1734733.10E	CWA	390026.07S	1741102.16E	21.5	NM
NZA341	4		390149.40S	1734327.00E	GRC				
NZA341	5		390611.50S	1735231.80E	GRC				
NZA344	1		391207.00S	1735839.40E	GRC				
NZA344	2		391838.50S	1735857.90E	GRC				
NZA344	3		391844.20S	1735335.20E	GRC				
NZA344	4		391145.80S	1734733.10E	GRC				
NZA345	1		385940.20S	1743757.40E	GRC				
NZA345	2	Purangi	390909.80S	1743117.40E	GRC				
NZA345	3		391256.00S	1742526.80E	GRC				
NZA345	4		391532.90S	1741631.20E	GRC				
NZA345	5		391459.80S	1741021.70E	GRC				
NZA345	6		391106.90S	1740942.20E	GRC				
NZA345	7		391216.50S	1741533.80E	GRC				
NZA345	8		390958.90S	1742339.20E	GRC				
NZA345	9		390747.30S	1742723.30E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA345	10		385726.20S	1743740.30E	CWA	390026.07S	1741102.16E	21	NM
NZA346	1		401144.40S	1761331.40E	CWA	401912.89S	1753816.25E	28	NM
NZA346	2		403601.00S	1760737.80E	GRC				
NZA346	3		402849.90S	1755501.10E	CCA	401912.89S	1753816.25E	16	NM
NZA346	4		401530.90S	1755836.90E	GRC				
NZA346	5		401611.80S	1755328.60E	GRC				
NZA346	6		401709.00S	1754617.50E	GRC				
NZA346	7		401644.80S	1754523.70E	GRC				
NZA346	8	Kimbolton	400332.80S	1754647.00E	GRC				
NZA346	9	Mangapipi Road and Kiwitea-Tapuae Road intersection	395930.10S	1754337.90E	GRC				
NZA346	10		395203.90S	1753946.70E	CCA	401234.58S	1752331.05E	24	NM
NZA346	11		394841.00S	1752643.30E	GRC				
NZA346	12		394150.70S	1752210.20E	GRC				
NZA346	13		394256.00S	1753525.20E	CWA	401234.58S	1752331.05E	31	NM
NZA346	14		394719.00S	1754656.30E	GRC				
NZA346	15	Maharahara, 3594 ft	401024.90S	1755506.70E	GRC				
NZA346	16		401148.60S	1755648.60E	GRC				
NZA347	1		390908.80S	1774518.80E	GRC				
NZA347	2		411650.00S	1754818.50E	GRC				
NZA347	3	Martinborough	411307.50S	1752735.10E	GRC				
NZA347	4	NE corner Lake Wairarapa	411118.40S	1751851.00E	GRC				
NZA347	5	Mount Hector	405706.80S	1751656.60E	GRC				
NZA347	6		404238.50S	1751622.20E	GRC				
NZA347	7	KAPTl	403753.80S	1745948.00E	GRC				
NZA347	8		403753.80S	1745524.50E	GRC				
NZA347	9		394128.30S	1745505.00E	GRC				
NZA347	10		391349.10S	1745455.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA347	11	Taumarunui NDB	385517.50S	1751849.40E	GRC				
NZA347	12		385555.10S	1752219.30E	GRC				
NZA347	13		385718.30S	1753437.30E	GRC				
NZA347	14	Motuoapa	385556.40S	1755232.50E	GRC				
NZA347	15		390555.30S	1761939.80E	CWA	392714.11S	1765208.05E	33	NM
NZA347	16		385422.70S	1764743.00E	GRC				
NZA347	17		385542.70S	1772614.80E	GRC				
NZA347	18		390217.59S	1773139.86E	GRC				
NZA347_S	1		391722.44S	1753345.60E	CIR	391722.44S	1753345.60E	3	NM
NZA348	1		385555.10S	1752219.30E	GRC				
NZA348	2		392759.50S	1752535.40E	GRC				
NZA348	3		392759.30S	1753408.20E	GRC				
NZA348	4		394256.00S	1753525.20E	GRC				
NZA348	5		394150.70S	1752210.20E	GRC				
NZA348	6		394128.30S	1745505.00E	GRC				
NZA348	7		391349.10S	1745455.60E	GRC				
NZA348	8	Taumarunui NDB	385517.50S	1751849.40E	GRC				
NZA433	1		393548.86S	1761748.00E	GRC				
NZA433	2		393946.39S	1761537.30E	GRC				
NZA433	3		394447.73S	1761251.35E	GRC				
NZA433	4		394223.02S	1761127.36E	GRC				
NZA433	5		393748.98S	1761123.07E	GRC				
NZA437	1		390451.70S	1765057.38E	GRC				
NZA437	2		390729.97S	1765427.50E	GRC				
NZA437	3		391135.18S	1763913.05E	GRC				
NZA437	4		391605.48S	1763434.15E	GRC				
NZA437	5		391831.64S	1763728.29E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA437	6		392645.07S	1763226.57E	GRC				
NZA437	7		392038.69S	1762750.75E	GRC				
NZA437	8		391453.21S	1762906.16E	GRC				
NZA437	9		390907.29S	1763506.99E	GRC				
NZA438	1		390451.70S	1765057.38E	GRC				
NZA438	2		390907.29S	1763506.99E	GRC				
NZA438	3		391453.21S	1762906.16E	GRC				
NZA438	4		390555.30S	1761939.80E	CWA	392714.11S	1765208.05E	33	NM
NZA438	5		385422.70S	1764743.00E	GRC				
NZA444	1		383109.86S	1780545.29E	GRC				
NZA444	2		384056.39S	1780930.76E	GRC				
NZA444	3		384427.12S	1781043.21E	GRC				
NZA444	4		384821.70S	1781122.57E	GRC				
NZA444	5		385556.91S	1780457.73E	GRC				
NZA444	6		385418.72S	1775835.69E	GRC				
NZA444	7		385159.45S	1775304.16E	GRC				
NZA444	8		384325.32S	1774832.04E	GRC				
NZA444	9		383327.84S	1774517.43E	GRC				
NZA444	10		383003.98S	1774651.59E	GRC				
NZA444	11		382657.87S	1775040.75E	GRC				
NZA444	12		382545.90S	1775632.81E	GRC				
NZA444	13		382706.08S	1780033.16E	GRC				
NZA445	1		382910.23S	1782918.12E	GRC				
NZA445	2		383929.30S	1783041.21E	GRC				
NZA445	3		390814.84S	1781614.54E	GRC				
NZA445	4		391225.05S	1780552.95E	GRC				
NZA445	5		390732.34S	1774852.73E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA445	6		385551.21S	1774010.41E	GRC				
NZA445	7		384948.19S	1773810.05E	GRC				
NZA445	8		384145.12S	1774228.80E	GRC				
NZA445	9		383356.41S	1773955.61E	GRC				
NZA445	10		382802.14S	1774231.79E	GRC				
NZA445	11		381817.65S	1775413.61E	GRC				
NZA446	1		381817.65S	1775413.61E	GRC				
NZA446	2		382802.14S	1774231.79E	GRC				
NZA446	3		383356.41S	1773955.61E	GRC				
NZA446	4		384145.12S	1774228.80E	GRC				
NZA446	5		384948.19S	1773810.05E	GRC				
NZA446	6		383224.88S	1773224.04E	GRC				
NZA446	7		382522.66S	1773533.02E	GRC				
NZA446	8		381631.22S	1774624.10E	GRC				
NZA446	9		381722.35S	1775110.45E	GRC				
NZA447	1		384948.19S	1773810.05E	GRC				
NZA447	2		385551.21S	1774010.41E	GRC				
NZA447	3		390732.34S	1774852.73E	GRC				
NZA447	4		390908.00S	1774518.80E	GRC				
NZA447	5		390217.59S	1773139.86E	GRC				
NZA447	6		385542.70S	1772614.80E	GRC				
NZA448	1		373630.50S	1764542.00E	GRC				
NZA448	2		375243.60S	1764014.10E	GRC				
NZA448	3		375829.50S	1763540.30E	GRC				
NZA448	4		380341.70S	1763730.20E	GRC				
NZA448	5		380511.30S	1762733.10E	GRC				
NZA448	6		380923.30S	1762549.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA448	7		381409.20S	1761800.00E	GRC				
NZA448	8		381639.20S	1761818.40E	GRC				
NZA448	9		382113.20S	1761510.30E	CWA	380629.36S	1761850.38E	15	NM
NZA448	10		380917.20S	1760009.50E	GRC				
NZA448	11		380203.00S	1755838.40E	GRC				
NZA448	12		374058.90S	1755428.10E	CWA	374039.20S	1761128.40E	13.5	NM
NZA448	13		373541.30S	1755537.50E	GRC				
NZA448	14		373642.10S	1755818.10E	GRC				
NZA448	15		374157.60S	1755745.90E	GRC				
NZA448	16		374444.40S	1755731.50E	GRC				
NZA448	17		374617.70S	1755829.40E	GRC				
NZA448	18		374739.10S	1762335.00E	GRC				
NZA448	19		374618.10S	1762617.90E	GRC				
NZA448	20		374207.70S	1762941.60E	GRC				
NZA448	21		373629.10S	1762741.10E	CCA	374039.20S	1761128.40E	13.5	NM
NZA448	22		372711.30S	1761028.50E	GRC				
NZA448	23		371409.80S	1760931.00E	GRC				
NZA448	24		372504.60S	1763317.70E	GRC				
NZA449	1		395819.64S	1764304.27E	GRC				
NZA449	2		400216.57S	1764056.52E	GRC				
NZA449	3		395755.13S	1762745.19E	GRC				
NZA449	4		395122.97S	1761731.30E	GRC				
NZA449	5		394447.73S	1761251.35E	GRC				
NZA449	6		393946.39S	1761537.30E	GRC				
NZA449	7		394845.11S	1762327.16E	GRC				
NZA449	8		395341.83S	1763109.29E	GRC				
NZA452	1		392224.22S	1772332.05E	GRC				



## NZANR – Part 71 – CTA 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)									
NZA452	2		392907.49S	1772443.10E	GRC				
NZA452	3		393658.97S	1772018.29E	GRC				
NZA452	4		393612.82S	1770418.92E	GRC				
NZA452	5		394019.55S	1770015.03E	GRC				
NZA452	6	Intersection Te Mata Rd-Waimarama Rd-River Rd	394015.84S	1765516.45E	GRC				
NZA452	7		394154.99S	1764857.61E	GRC				
NZA452	8		393953.33S	1764237.95E	GRC				
NZA452	9		393551.59S	1763847.28E	GRC				
NZA452	10		393136.73S	1763737.25E	GRC				
NZA452	11		391954.68S	1764122.34E	GRC				
NZA452	12		391736.25S	1764353.89E	GRC				
NZA452	13		391244.20S	1770135.73E	GRC				
NZA452	14		391742.87S	1770805.25E	GRC				
NZA452	15		391802.31S	1771609.16E	GRC				
NZA453	1		391014.98S	1765805.66E	GRC				
NZA453	2		391244.20S	1770135.73E	GRC				
NZA453	3		391736.25S	1764353.89E	GRC				
NZA453	4		391954.68S	1764122.34E	GRC				
NZA453	5		393136.73S	1763737.25E	GRC				
NZA453	6		393551.59S	1763847.28E	GRC				
NZA453	7		393953.33S	1764237.95E	GRC				
NZA453	8		394154.99S	1764857.61E	GRC				
NZA453	9		394632.03S	1764631.75E	GRC				
NZA453	10		394506.11S	1764158.35E	GRC				
NZA453	11		394536.59S	1763756.21E	GRC				
NZA453	12		394634.96S	1763012.63E	GRC				
NZA453	13		394509.17S	1762742.86E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA453	14		394020.59S	1762559.25E	GRC				
NZA453	15		393327.19S	1762516.15E	GRC				
NZA453	16		392645.07S	1763226.57E	GRC				
NZA453	17		391831.64S	1763728.29E	GRC				
NZA453	18	Te Pohue VRP	391500.70S	1764056.70E	GRC				
NZA454	1		390729.97S	1765427.50E	GRC				
NZA454	2		391014.98S	1765805.66E	GRC				
NZA454	3	Te Pohue VRP	391500.70S	1764056.70E	GRC				
NZA454	4		391831.64S	1763728.29E	GRC				
NZA454	5		391605.48S	1763434.15E	GRC				
NZA454	6		391135.18S	1763913.05E	GRC				
NZA458	1		391856.33S	1770035.60E	CWA	392714.11S	1765208.05E	10.5	NM
NZA458	2		393202.18S	1770412.85E	GRC				
NZA458	3		393402.34S	1770059.31E	GRC				
NZA458	4		392836.79S	1770134.02E	GRC				
NZA459	1		392043.94S	1764535.32E	GRC				
NZA459	2		392956.36S	1764513.19E	GRC				
NZA459	3		393320.90S	1764448.90E	GRC				
NZA459	4	SH Bridge over Ngaruroro River	393516.21S	1764540.70E	GRC				
NZA459	5		393621.01S	1764631.40E	CCA	392714.11S	1765208.05E	10.12	NM
NZA459	6		393701.03S	1765522.06E	GRC				
NZA459	7		393754.13S	1765450.30E	GRC				
NZA459	8		393854.66S	1765514.72E	GRC				
NZA459	9		393819.90S	1764627.79E	GRC				
NZA459	10		393536.22S	1764337.74E	GRC				
NZA459	11		393316.28S	1764223.00E	GRC				
NZA459	12		392147.84S	1764349.76E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA465	1		382910.23S	1782918.12E	GRC				
NZA465	2		383929.30S	1783041.21E	GRC				
NZA465	3		390814.84S	1781614.54E	GRC				
NZA465	4		391225.05S	1780552.95E	GRC				
NZA465	5		390732.34S	1774852.73E	GRC				
NZA465	6		390908.00S	1774518.80E	GRC				
NZA465	7		390217.59S	1773139.86E	GRC				
NZA465	8		385542.70S	1772614.80E	GRC				
NZA465	9		385422.70S	1764743.00E	CCA	392714.11S	1765208.05E	33	NM
NZA465	10		390555.30S	1761939.80E	GRC				
NZA465	11	Motuoapa	385556.40S	1755232.50E	GRC				
NZA465	12		385718.30S	1753437.30E	GRC				
NZA465	13		375609.00S	1754539.00E	GRC				
NZA465	14	Morrinsville	373928.80S	1753140.30E	GRC				
NZA465	15		373047.70S	1752321.80E	GRC				
NZA465	16		371524.00S	1754143.00E	CCA	370016.30S	1744849.40E	45	NM
NZA465	17		365835.70S	1754459.30E	GRC				
NZA465	18		371044.00S	1765325.10E	CWA	370016.30S	1744849.40E	100	NM
NZA465	19		373630.50S	1764542.00E	GRC				
NZA465	20		374638.40S	1770216.90E	GRC				
NZA465	21		381631.22S	1774624.10E	GRC				
NZA465	22		381722.35S	1775110.45E	GRC				
NZA465	23		381817.65S	1775413.61E	GRC				
NZA467	1		381631.22S	1774624.10E	GRC				
NZA467	2		382522.66S	1773533.02E	GRC				
NZA467	3		383224.88S	1773224.04E	GRC				
NZA467	4		384948.19S	1773810.05E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA467	5		385542.70S	1772614.80E	GRC				
NZA467	6		385422.70S	1764743.00E	CCA	392714.11S	1765208.05E	33	NM
NZA467	7		390555.30S	1761939.80E	GRC				
NZA467	8	Motuoapa	385556.40S	1755232.50E	GRC				
NZA467	9		385718.30S	1753437.30E	GRC				
NZA467	10		383246.00S	1753905.00E	GRC				
NZA467	11		383506.00S	1751918.00E	GRC				
NZA467	12		383151.00S	1745947.00E	GRC				
NZA467	13		381123.70S	1750202.80E	CCA	375057.70S	1752019.00E	25	NM
NZA467	14		381558.20S	1752125.00E	GRC				
NZA467	15	Maihihi	381254.90S	1752302.70E	GRC				
NZA467	16	Korakonui	380857.00S	1752509.50E	GRC				
NZA467	17	Wharepapa South	380838.00S	1753301.00E	GRC				
NZA467	18		381508.00S	1754905.00E	CCA	380629.36S	1761850.38E	25	NM
NZA467	19		383058.00S	1762524.60E	GRC				
NZA467	20		382110.50S	1762246.30E	CCA	380629.36S	1761850.38E	15	NM
NZA467	21		380341.70S	1763730.20E	GRC				
NZA467	22		375829.50S	1763540.30E	GRC				
NZA467	23		375243.60S	1764014.10E	GRC				
NZA467	24		373630.50S	1764542.00E	GRC				
NZA467	25		374638.40S	1770216.90E	GRC				
NZA469	1		382700.00S	1794400.00W	GRC				
NZA469	2		400016.90S	1783207.30E	GRC				
NZA469	3		390908.00S	1774518.80E	GRC				
NZA469	4		390732.34S	1774852.73E	GRC				
NZA469	5		391225.05S	1780552.95E	GRC				
NZA469	6		390814.84S	1781614.54E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA469	7		383929.30S	1783041.21E	GRC				
NZA469	8		382910.23S	1782918.12E	GRC				
NZA469	9		381817.65S	1775413.61E	GRC				
NZA469	10		381722.35S	1775110.45E	GRC				
NZA469	11		381631.22S	1774624.10E	GRC				
NZA469	12		374638.40S	1770216.90E	GRC				
NZA469	13		373630.50S	1764542.00E	CCA	370016.30S	1744849.40E	100	NM
NZA469	14		371044.00S	1765325.10E	GRC				
NZA469	15		373229.50S	1785608.90E	GRC				
NZA531	1		394343.01S	1765957.56E	GRC				
NZA531	2		394950.35S	1765923.36E	GRC				
NZA531	3		395349.22S	1764523.77E	GRC				
NZA531	4		395329.35S	1764216.38E	GRC				
NZA531	5		394634.96S	1763012.63E	GRC				
NZA531	6		394536.59S	1763756.21E	GRC				
NZA531	7		394506.11S	1764158.35E	GRC				
NZA531	8		394632.03S	1764631.75E	GRC				
NZA531	9		394656.92S	1764751.07E	GRC				
NZA532	1		395349.22S	1764523.77E	GRC				
NZA532	2		395819.64S	1764304.27E	GRC				
NZA532	3		395341.83S	1763109.29E	GRC				
NZA532	4		394845.11S	1762327.16E	GRC				
NZA532	5		393946.39S	1761537.30E	GRC				
NZA532	6		393548.86S	1761748.00E	GRC				
NZA532	7		393327.19S	1762516.15E	GRC				
NZA532	8		394020.59S	1762559.25E	GRC				
NZA532	9		394509.17S	1762742.86E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA532	10		394634.96S	1763012.63E	GRC				
NZA532	11		395329.35S	1764216.38E	GRC				
NZA533	1		394019.55S	1770015.03E	GRC				
NZA533	2		394343.01S	1765957.56E	GRC				
NZA533	3		394656.92S	1764751.07E	GRC				
NZA533	4		394632.03S	1764631.75E	GRC				
NZA533	5		394154.99S	1764857.61E	GRC				
NZA533	6	Intersection Te Mata Rd-Waimarama Rd-River Rd	394015.84S	1765516.45E	GRC				
NZA621	1		410928.70S	1732353.50E	GRC				
NZA621	2		411216.60S	1732006.40E	CCA	411813.27S	1731258.67E	8	NM
NZA621	3		411016.50S	1731147.90E	GRC				
NZA621	4		410614.60S	1731213.10E	CWA	411813.27S	1731258.67E	12	NM
NZA622	1		410614.60S	1731213.10E	GRC				
NZA622	2		411016.50S	1731147.90E	GRC				
NZA622	3		411655.30S	1730737.30E	GRC				
NZA622	4		412022.40S	1730441.50E	GRC				
NZA622	5		412125.30S	1730158.10E	GRC				
NZA622	6		412320.50S	1730251.60E	GRC				
NZA622	7		412522.70S	1730529.10E	GRC				
NZA622	8		412752.20S	1730130.70E	GRC				
NZA622	9		412635.10S	1725906.70E	GRC				
NZA622	10		412502.80S	1725749.70E	GRC				
NZA622	11		411748.40S	1725754.30E	GRC				
NZA622	12		411805.20S	1730204.30E	GRC				
NZA622	13		411351.60S	1730459.50E	GRC				
NZA622	14		411129.00S	1730459.10E	GRC				
NZA622	15		410750.40S	1730458.40E	CWA	411813.27S	1731258.67E	12	NM

## NZANR – Part 71 – CTA 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)									
NZA623	1		410548.30S	1732622.80E	GRC				
NZA623	2		410928.70S	1732353.50E	CCA	411813.27S	1731258.67E	12	NM
NZA623	3		410750.40S	1730458.40E	GRC				
NZA623	4		410352.40S	1730337.00E	CWA	411813.27S	1731258.67E	16	NM
NZA624	1		412752.20S	1730130.70E	GRC				
NZA624	2		413109.60S	1725629.30E	GRC				
NZA624	3		412433.10S	1725038.50E	GRC				
NZA624	4		411708.20S	1724923.00E	GRC				
NZA624	5		411748.40S	1725754.30E	GRC				
NZA624	6		412502.80S	1725749.70E	GRC				
NZA624	7		412635.10S	1725906.70E	GRC				
NZA625	1		405142.10S	1734319.90E	GRC				
NZA625	2		410045.20S	1733710.50E	GRC				
NZA625	3		410303.80S	1733536.50E	GRC				
NZA625	4		411135.70S	1733230.70E	GRC				
NZA625	5		411054.50S	1732734.90E	GRC				
NZA625	6		412002.70S	1731807.40E	GRC				
NZA625	7		411926.00S	1731503.20E	GRC				
NZA625	8		412156.50S	1731201.70E	GRC				
NZA625	9		412354.10S	1731010.90E	GRC				
NZA625	10		412433.20S	1730806.70E	GRC				
NZA625	11		412522.70S	1730529.10E	GRC				
NZA625	12		412752.20S	1730130.70E	GRC				
NZA625	13		413109.60S	1725629.30E	GRC				
NZA625	14		412433.10S	1725038.50E	GRC				
NZA625	15		411708.20S	1724923.00E	GRC				
NZA625	16		411118.00S	1725841.10E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA625	17		411129.00S	1730459.10E	GRC				
NZA625	18		410750.40S	1730458.40E	GRC				
NZA625	19		410352.40S	1730337.00E	GRC				
NZA625	20		410222.90S	1730305.40E	GRC				
NZA625	21		404450.80S	1725902.00E	CWA	411813.27S	1731258.67E	35	NM
NZA626	1		412354.10S	1731010.90E	GRC				
NZA626	2		413000.50S	1730402.50E	GRC				
NZA626	3		413308.20S	1725540.30E	GRC				
NZA626	4		413222.00S	1725247.10E	GRC				
NZA626	5		412759.50S	1724823.00E	GRC				
NZA626	6		412259.90S	1724529.40E	GRC				
NZA626	7		411723.40S	1724456.00E	GRC				
NZA626	8		411708.20S	1724923.00E	GRC				
NZA626	9		412433.10S	1725038.50E	GRC				
NZA626	10		413109.60S	1725629.30E	GRC				
NZA626	11		412752.20S	1730130.70E	GRC				
NZA626	12		412522.70S	1730529.10E	GRC				
NZA626	13		412433.20S	1730806.70E	GRC				
NZA627	1		410614.30S	1734231.10E	GRC				
NZA627	2		412604.20S	1733625.00E	GRC				
NZA627	3		412518.30S	1731656.30E	GRC				
NZA627	4		412723.20S	1731325.50E	GRC				
NZA627	5		413227.70S	1730451.50E	GRC				
NZA627	6		413257.10S	1730408.00E	GRC				
NZA627	7		413358.70S	1730336.70E	GRC				
NZA627	8		413500.00S	1730034.00E	GRC				
NZA627	9		413438.20S	1725816.10E	GRC				



## NZANR – Part 71 – CTA 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)									
NZA627	10		413327.10S	1725650.50E	GRC				
NZA627	11		413308.20S	1725540.30E	GRC				
NZA627	12		413000.50S	1730402.50E	GRC				
NZA627	13		412354.10S	1731010.90E	GRC				
NZA627	14		412156.50S	1731201.70E	GRC				
NZA627	15		411926.00S	1731503.20E	GRC				
NZA627	16		412002.70S	1731807.40E	GRC				
NZA627	17		411054.50S	1732734.90E	GRC				
NZA627	18		411135.70S	1733230.70E	GRC				
NZA627	19		410303.80S	1733536.50E	GRC				
NZA627	20		410045.20S	1733710.50E	GRC				
NZA628	1		412723.20S	1731325.50E	GRC				
NZA628	2		413516.80S	1730800.50E	GRC				
NZA628	3		413706.60S	1730421.80E	GRC				
NZA628	4		413818.60S	1730127.50E	GRC				
NZA628	5		413830.40S	1725711.20E	GRC				
NZA628	6		413626.30S	1724928.00E	GRC				
NZA628	7		413200.70S	1724500.50E	GRC				
NZA628	8		412412.30S	1724210.10E	GRC				
NZA628	9		411734.90S	1724127.80E	GRC				
NZA628	10		411723.40S	1724456.00E	GRC				
NZA628	11		412259.90S	1724529.40E	GRC				
NZA628	12		412759.50S	1724823.00E	GRC				
NZA628	13		413222.00S	1725247.10E	GRC				
NZA628	14		413308.20S	1725540.30E	GRC				
NZA628	15		413327.10S	1725650.50E	GRC				
NZA628	16		413438.20S	1725816.10E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA628	17		413500.00S	1730034.00E	GRC				
NZA628	18		413358.70S	1730336.70E	GRC				
NZA628	19		413257.10S	1730408.00E	GRC				
NZA628	20		413227.70S	1730451.50E	GRC				
NZA629	1		412604.20S	1733625.00E	GRC				
NZA629	2		412649.10S	1733611.30E	GRC				
NZA629	3		412837.20S	1733415.00E	GRC				
NZA629	4		413207.00S	1732935.20E	GRC				
NZA629	5		413732.40S	1733027.40E	GRC				
NZA629	6		413727.40S	1733302.00E	GRC				
NZA629	7		414529.50S	1732615.80E	GRC				
NZA629	8		414438.90S	1730018.90E	GRC				
NZA629	9		414107.30S	1724644.40E	GRC				
NZA629	10		413217.30S	1723919.50E	GRC				
NZA629	11		412542.60S	1723649.40E	GRC				
NZA629	12		411756.20S	1723601.90E	GRC				
NZA629	13		411734.90S	1724127.80E	GRC				
NZA629	14		412412.30S	1724210.10E	GRC				
NZA629	15		413200.70S	1724500.50E	GRC				
NZA629	16		413626.30S	1724928.00E	GRC				
NZA629	17		413830.40S	1725711.20E	GRC				
NZA629	18		413818.60S	1730127.50E	GRC				
NZA629	19		413706.60S	1730421.80E	GRC				
NZA629	20		413516.80S	1730800.50E	GRC				
NZA629	21		412723.20S	1731325.50E	GRC				
NZA629	22		412518.30S	1731656.30E	GRC				
NZA630	1		405417.40S	1741820.90E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA630	2	Cape Jackson	405942.00S	1741849.10E	GRC				
NZA630	3		410914.80S	1741201.30E	GRC				
NZA630	4	Picton	411746.00S	1740007.80E	GRC				
NZA630	5	Para	412218.20S	1735627.30E	GRC				
NZA630	6		412639.90S	1735254.50E	GRC				
NZA630	7		412701.90S	1734638.60E	GRC				
NZA630	8		412704.60S	1734310.50E	GRC				
NZA630	9		412649.10S	1733611.30E	GRC				
NZA630	10		410614.30S	1734231.10E	GRC				
NZA630	11		410045.20S	1733710.50E	GRC				
NZA630	12		405142.10S	1734319.90E	GRC				
NZA631	1		413000.00S	1740800.00E	GRC				
NZA631	2	White Bluffs	413328.90S	1740849.60E	GRC				
NZA631	3		413425.60S	1740854.20E	GRC				
NZA631	4	Awatere River Mouth	413624.90S	1740957.60E	GRC				
NZA631	5	Dashwood Pass	413629.10S	1740313.70E	GRC				
NZA631	6		413656.70S	1734858.10E	GRC				
NZA631	7		413732.40S	1733027.40E	GRC				
NZA631	8		413207.00S	1732935.20E	GRC				
NZA631	9		412837.20S	1733415.00E	GRC				
NZA631	10		412649.10S	1733611.30E	GRC				
NZA631	11		412704.60S	1734310.50E	GRC				
NZA631	12		412701.90S	1734638.60E	GRC				
NZA631	13	Tuamarina Bridge	412622.40S	1735754.00E	GRC				
NZA631	14	The Diversion	412624.80S	1740145.60E	GRC				
NZA633	1		412555.60S	1745530.40E	GRC				
NZA633	2		413034.90S	1750328.40E	CWA	412014.02S	1744901.06E	15	NM

## NZANR – Part 71 – CTA 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)									
NZA633	3		412927.30S	1743317.30E	GRC				
NZA633	4		412414.70S	1744035.20E	CCA	412014.02S	1744901.06E	7.5	NM
NZA634	1	Twin Bridges	410523.00S	1750551.00E	GRC				
NZA634	2		410820.60S	1750532.00E	GRC				
NZA634	3		411031.30S	1750514.40E	GRC				
NZA634	4		411628.40S	1745717.50E	GRC				
NZA634	5		412445.40S	1745444.40E	GRC				
NZA634	6		412555.60S	1745530.40E	CWA	412014.02S	1744901.06E	7.5	NM
NZA634	7		412414.70S	1744035.20E	GRC				
NZA634	8		412927.30S	1743317.30E	CCA	412014.02S	1744901.06E	15	NM
NZA634	9		413034.90S	1750328.40E	GRC				
NZA634	10		413335.80S	1750848.10E	GRC				
NZA634	11		413636.20S	1751410.10E	CWA	412014.02S	1744901.06E	25	NM
NZA634	12		414457.80S	1744400.00E	GRC				
NZA634	13	Awatere River Mouth	413624.90S	1740957.60E	GRC				
NZA634	14		413425.60S	1740854.20E	GRC				
NZA634	15	White Bluffs	413328.90S	1740849.60E	GRC				
NZA634	16		413000.00S	1740800.00E	GRC				
NZA634	17	The Diversion	412624.80S	1740145.60E	GRC				
NZA634	18	Tuamarina Bridge	412622.40S	1735754.00E	GRC				
NZA634	19	Rarangi	412330.80S	1740248.60E	GRC				
NZA634	20		412040.10S	1740741.80E	GRC				
NZA634	21		412035.50S	1741548.70E	GRC				
NZA634	22		412032.00S	1742228.30E	CWA	412014.02S	1744901.06E	20	NM
NZA634	23		410812.40S	1742749.50E	GRC				
NZA634	24		410511.10S	1742233.50E	CWA	412014.02S	1744901.06E	25	NM
NZA634	25		405535.50S	1745451.10E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA634	26		410205.10S	1745601.30E	GRC				
NZA635	1	Akatarawa Saddle	405654.30S	1750629.60E	GRC				
NZA635	2	Mt Barton 1728 ft	410219.10S	1750607.80E	GRC				
NZA635	3	Twin Bridges	410523.00S	1750551.00E	GRC				
NZA635	4		410205.10S	1745601.30E	GRC				
NZA635	5		405535.50S	1745451.10E	GRC				
NZA635	6	Poplar/SH1 intersection	405622.20S	1745936.40E	GRC				
NZA636	1		410812.40S	1742749.50E	CCA	412014.02S	1744901.06E	20	NM
NZA636	2		412032.00S	1742228.30E	GRC				
NZA636	3		412035.50S	1741548.70E	CWA	412014.02S	1744901.06E	25	NM
NZA636	4		410511.10S	1742233.50E	GRC				
NZA637	1		404100.00S	1751037.00E	GRC				
NZA637	2		404550.80S	1750702.70E	GRC				
NZA637	3		405627.40S	1750042.60E	GRC				
NZA637	4	Poplar/SH 1 intersection	405622.20S	1745936.40E	GRC				
NZA637	5		405535.50S	1745451.10E	CCA	412014.02S	1744901.06E	25	NM
NZA637	6		412035.50S	1741548.70E	GRC				
NZA637	7		412040.10S	1740741.80E	GRC				
NZA637	8	Rarangi	412330.80S	1740248.60E	GRC				
NZA637	9	Tuamarina Bridge	412622.40S	1735754.00E	GRC				
NZA637	10		412639.90S	1735254.50E	GRC				
NZA637	11	Para	412218.20S	1735627.30E	GRC				
NZA637	12	Picton	411746.00S	1740007.80E	GRC				
NZA637	13		410914.80S	1741201.30E	GRC				
NZA637	14	Cape Jackson	405942.00S	1741849.10E	GRC				
NZA637	15		405417.40S	1741820.90E	GRC				
NZA637	16		403753.80S	1745231.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA637	17	KAPTI	403753.80S	1745948.00E	GRC				
NZA638	1		411712.10S	1751605.90E	GRC				
NZA638	2		412554.90S	1751300.90E	GRC				
NZA638	3		413335.80S	1750848.10E	GRC				
NZA638	4		413034.90S	1750328.40E	GRC				
NZA638	5		412555.60S	1745530.40E	GRC				
NZA638	6		412445.40S	1745444.40E	GRC				
NZA638	7		411031.30S	1750514.40E	GRC				
NZA638	8		411502.70S	1751250.10E	GRC				
NZA639	1	Awatere River Mouth	413624.90S	1740957.60E	GRC				
NZA639	2		414457.80S	1744400.00E	GRC				
NZA639	3		415112.30S	1744056.70E	GRC				
NZA639	4		414402.00S	1741621.00E	GRC				
NZA639	5	Seddon VRP	414021.90S	1740427.60E	GRC				
NZA639	6		413842.40S	1740424.40E	GRC				
NZA639	7	Dashwood Pass	413629.10S	1740313.70E	GRC				
NZA640	1		404238.50S	1751622.20E	GRC				
NZA640	2	Mangaone North Road	405024.90S	1751021.30E	GRC				
NZA640	3	Kapakapanui, 3635 ft	405557.10S	1750944.00E	GRC				
NZA640	4	Pakuratahi Forks	410322.70S	1751140.60E	GRC				
NZA640	5	Pakuratahi bridge	410444.00S	1751207.80E	GRC				
NZA640	6		410521.10S	1751215.00E	GRC				
NZA640	7		410553.80S	1751100.60E	GRC				
NZA640	8		410618.70S	1751022.30E	GRC				
NZA640	9		410707.80S	1750811.50E	GRC				
NZA640	10		410820.60S	1750532.00E	GRC				
NZA640	11		410523.00S	1750551.00E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA640	12	Mt Barton 1728 ft	410219.10S	1750607.80E	GRC				
NZA640	13	Akatarawa Saddle	405654.30S	1750629.60E	GRC				
NZA640	14		405627.40S	1750042.60E	GRC				
NZA640	15		404550.80S	1750703.00E	GRC				
NZA640	16		404100.00S	1751037.00E	GRC				
NZA641	1		415112.30S	1744056.70E	GRC				
NZA641	2		420357.50S	1743442.20E	CWA	412014.02S	1744901.06E	45	NM
NZA641	3		414223.50S	1735652.00E	GRC				
NZA641	4		414227.60S	1734858.60E	GRC				
NZA641	5		413656.70S	1734858.10E	GRC				
NZA641	6	Dashwood Pass	413629.10S	1740313.70E	GRC				
NZA641	7		413842.40S	1740424.40E	GRC				
NZA641	8	Seddon VRP	414021.90S	1740427.60E	GRC				
NZA641	9		414402.00S	1741621.00E	GRC				
NZA642	1		404238.50S	1751622.20E	GRC				
NZA642	2	Mount Hector	405706.80S	1751656.60E	GRC				
NZA642	3	NE corner of Lake Wairarapa	411118.40S	1751851.00E	GRC				
NZA642	4		411712.10S	1751605.90E	GRC				
NZA642	5		411502.70S	1751250.10E	GRC				
NZA642	6		411031.30S	1750514.40E	GRC				
NZA642	7		410820.60S	1750532.00E	GRC				
NZA642	8		410707.80S	1750811.50E	GRC				
NZA642	9		410618.70S	1751022.30E	GRC				
NZA642	10		410553.80S	1751100.60E	GRC				
NZA642	11		410521.10S	1751215.00E	GRC				
NZA642	12	Pakuratahi bridge	410444.00S	1751207.80E	GRC				
NZA642	13	Pakuratahi Forks	410322.70S	1751140.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA642	14	Kapakapanui 3635 ft	405557.10S	1750944.00E	GRC				
NZA642	15	Mangaone North Road	405024.90S	1751021.30E	GRC				
NZA643	1		411031.30S	1750514.40E	GRC				
NZA643	2		412445.40S	1745444.40E	GRC				
NZA643	3		411628.40S	1745717.50E	GRC				
NZA727	1		432821.60S	1700321.80E	GRC				
NZA727	2		435037.70S	1694610.80E	GRC				
NZA727	3		433151.30S	1690957.60E	GRC				
NZA728	1		462007.10S	1694240.10E	GRC				
NZA728	2		462654.30S	1685047.00E	GRC				
NZA728	3		464950.00S	1684800.00E	GRC				
NZA728	4		465250.50S	1683253.60E	GRC				
NZA728	5		465148.60S	1681354.50E	GRC				
NZA728	6		464616.20S	1675751.00E	GRC				
NZA728	7		462138.60S	1674709.30E	GRC				
NZA728	8		461844.50S	1675907.10E	CWA	462441.69S	1681903.49E	15	NM
NZA728	9		460952.90S	1681540.60E	GRC				
NZA728	10		455604.30S	1681139.60E	GRC				
NZA728	11		455038.10S	1681351.90E	GRC				
NZA728	12		454512.40S	1682343.90E	GRC				
NZA728	13		454829.20S	1684248.10E	GRC				
NZA728	14		454531.90S	1684527.90E	GRC				
NZA728	15		454939.50S	1685721.70E	GRC				
NZA728	16		454337.10S	1690459.50E	GRC				
NZA728	17		455959.70S	1692657.20E	CCA	455645.20S	1700943.00E	30	NM
NZA729	1		451213.40S	1681524.00E	GRC				
NZA729	2		452209.10S	1682321.00E	GRC				



## NZANR – Part 71 – CTA 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)									
NZA729	3		452855.10S	1681744.00E	GRC				
NZA729	4		453457.80S	1681617.60E	GRC				
NZA729	5		454512.40S	1682343.90E	GRC				
NZA729	6		455038.10S	1681351.90E	GRC				
NZA730	1		451751.20S	1684654.90E	GRC				
NZA730	2		453529.10S	1685417.60E	GRC				
NZA730	3		454208.10S	1685147.00E	GRC				
NZA730	4		454531.90S	1684527.90E	GRC				
NZA730	5		454829.20S	1684248.10E	GRC				
NZA730	6		454512.40S	1682343.90E	GRC				
NZA730	7		453457.80S	1681617.60E	GRC				
NZA730	8		452855.10S	1681744.00E	GRC				
NZA730	9		452209.10S	1682321.00E	GRC				
NZA730	10	Mt Lookup 5653 ft	451213.40S	1681524.00E	GRC				
NZA730	11		451318.70S	1681834.80E	GRC				
NZA730	12		451840.30S	1683359.00E	GRC				
NZA731	1		445553.90S	1690748.70E	GRC				
NZA731	2		450102.90S	1690734.80E	GRC				
NZA731	3		450424.10S	1690554.00E	GRC				
NZA731	4		450445.40S	1690120.10E	GRC				
NZA731	5		450430.40S	1690009.00E	GRC				
NZA731	6	Ben Cruachans, 6217 ft	450247.20S	1685158.90E	GRC				
NZA731	7		450236.40S	1685003.30E	GRC				
NZA731	8		450316.50S	1684809.30E	GRC				
NZA731	9		450924.80S	1684732.40E	GRC				
NZA731	10		451255.80S	1684711.30E	GRC				
NZA731	11		451751.20S	1684654.90E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA731	12		451840.30S	1683359.00E	GRC				
NZA731	13		451318.70S	1681834.80E	GRC				
NZA731	14	Mt Lookup, 5653 ft	451213.40S	1681524.00E	GRC				
NZA731	15		451007.40S	1681359.60E	GRC				
NZA731	16		450840.90S	1681301.60E	GRC				
NZA731	17	Mt Mavora, 6529 ft	450515.00S	1681035.00E	GRC				
NZA731	18		450022.10S	1681314.70E	GRC				
NZA731	19	Moke Lake	450001.10S	1683403.20E	GRC				
NZA731	20	Moonlight	445749.50S	1683903.20E	GRC				
NZA731	21		445534.30S	1684333.10E	GRC				
NZA731	22	Coronet Peak, 5417 ft	445456.90S	1684423.00E	GRC				
NZA731	23		445208.70S	1684828.60E	GRC				
NZA731	24		445233.00S	1685742.70E	GRC				
NZA731	25		445511.20S	1685633.90E	GRC				
NZA731	26	Queensberry Hill, 5023 ft	445556.10S	1690041.40E	GRC				
NZA731	27		445539.50S	1690305.40E	GRC				
NZA733	1		444855.60S	1690706.30E	GRC				
NZA733	2		445553.90S	1690748.70E	GRC				
NZA733	3		445539.50S	1690305.40E	GRC				
NZA733	4	Queensberry Hill, 5023 ft	445556.10S	1690041.40E	GRC				
NZA733	5		445511.20S	1685633.90E	GRC				
NZA733	6		445233.00S	1685742.70E	GRC				
NZA734	1		463357.70S	1683608.90E	GRC				
NZA734	2		464815.80S	1682658.90E	GRC				
NZA734	3		465148.60S	1681354.50E	GRC				
NZA734	4		464616.20S	1675751.00E	GRC				
NZA734	5		462138.60S	1674709.30E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA734	6		461844.50S	1675907.10E	CCA	462441.69S	1681903.49E	15	NM
NZA736	1		390221.00S	1733229.00E	GRC				
NZA736	2		404627.90S	1724349.60E	CCA	412014.02S	1744901.06E	100	NM
NZA736	3		413712.40S	1723753.80E	GRC				
NZA736	4		425434.90S	1712434.30E	CCA	433014.76S	1723052.69E	60	NM
NZA736	5		433031.80S	1710825.70E	GRC				
NZA736	6		432934.20S	1705008.30E	GRC				
NZA736	7		432735.70S	1701503.10E	GRC				
NZA736	8		433151.30S	1690957.60E	GRC				
NZA736	9		424916.90S	1685444.30E	GRC				
NZA736	10		412527.00S	1702324.00E	CWA	412014.02S	1744901.06E	200	NM
NZA736	11		390738.10S	1713321.70E	GRC				
NZA737	1		462442.19S	1681903.58E	CIR	462442.19S	1681903.58E	15	NM
NZA738	1		460530.72S	1684825.59E	GRC				
NZA738	2		460955.90S	1684239.50E	CCA	462441.69S	1681903.49E	22	NM
NZA738	3		460609.90S	1683615.50E	GRC				
NZA738	4		460438.60S	1681748.50E	GRC				
NZA738	5		455942.20S	1681854.30E	GRC				
NZA738	6		455643.11S	1681955.81E	CWA	462441.69S	1681903.49E	28	NM
NZA739	1		454829.20S	1684248.10E	GRC				
NZA739	2		455321.55S	1684429.55E	CWA	462441.69S	1681903.49E	36	NM
NZA739	3		460325.57S	1690052.78E	GRC				
NZA739	4		460530.72S	1684825.59E	CCA	462441.69S	1681903.49E	28	NM
NZA739	5		455643.11S	1681955.81E	GRC				
NZA739	6		455942.20S	1681854.30E	GRC				
NZA739	7		460438.60S	1681748.50E	GRC				
NZA739	8		460437.00S	1681412.80E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA739	9		455604.30S	1681139.60E	GRC				
NZA739	10		455038.10S	1681351.90E	GRC				
NZA739	11		454512.40S	1682343.90E	GRC				
NZA741	1		444747.70S	1691403.30E	GRC				
NZA741	2		445217.60S	1691700.00E	GRC				
NZA741	3		445553.90S	1690748.70E	GRC				
NZA741	4		444855.60S	1690706.30E	GRC				
NZA742	1		443106.70S	1693534.20E	GRC				
NZA742	2		444359.90S	1694442.10E	GRC				
NZA742	3		445353.20S	1693940.50E	GRC				
NZA742	4		445804.50S	1692850.40E	GRC				
NZA742	5		450102.90S	1690734.80E	GRC				
NZA742	6		445553.90S	1690748.70E	GRC				
NZA742	7		445217.60S	1691700.00E	GRC				
NZA742	8		444747.70S	1691403.30E	GRC				
NZA742	9		444855.60S	1690706.30E	GRC				
NZA742	10		445233.00S	1685742.70E	GRC				
NZA742	11		445208.70S	1684828.60E	GRC				
NZA742	12	Coronet Peak, 5417 ft	445456.90S	1684423.00E	GRC				
NZA742	13		445534.30S	1684333.10E	GRC				
NZA742	14	Moonlight	445749.50S	1683903.20E	GRC				
NZA742	15	Moke Lake	450001.10S	1683403.20E	GRC				
NZA742	16		450022.10S	1681314.70E	GRC				
NZA742	17		445815.30S	1681338.80E	GRC				
NZA742	18	Greenstone River Mouth	445604.60S	1682145.80E	GRC				
NZA742	19		445609.80S	1682629.50E	GRC				
NZA742	20		444844.50S	1682946.80E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA742	21		444037.60S	1682305.70E	GRC				
NZA742	22		443808.40S	1682739.20E	GRC				
NZA742	23	Mt Aurum, 7365 ft	444604.00S	1683721.30E	GRC				
NZA742	24		444508.00S	1684356.60E	GRC				
NZA742	25		443648.70S	1690306.40E	GRC				
NZA742	26	intersection Wanaka-Luggate HWY and Anderson Rd	444133.30S	1690844.20E	GRC				
NZA744	1		442630.10S	1693219.50E	GRC				
NZA744	2		443106.70S	1693534.20E	GRC				
NZA744	3	intersection Wanaka-Luggate HWY and Anderson Rd	444133.30S	1690844.20E	GRC				
NZA744	4		443648.70S	1690306.40E	GRC				
NZA744	5		444508.00S	1684356.60E	GRC				
NZA744	6	Mt Aurum, 7365 ft	444604.00S	1683721.30E	GRC				
NZA744	7		443808.40S	1682739.20E	GRC				
NZA744	8		444037.60S	1682305.70E	GRC				
NZA744	9		444844.50S	1682946.80E	GRC				
NZA744	10		445609.80S	1682629.50E	GRC				
NZA744	11	Greenstone River Mouth	445604.60S	1682145.80E	GRC				
NZA744	12		445815.30S	1681338.80E	GRC				
NZA744	13		445622.40S	1680548.90E	GRC				
NZA744	14		443758.40S	1680006.40E	GRC				
NZA744	15		442805.60S	1674952.90E	GRC				
NZA744	16		441108.70S	1682153.10E	GRC				
NZA744	17		443247.30S	1691003.10E	GRC				
NZA745	1		462654.30S	1685047.00E	GRC				
NZA745	2		464950.00S	1684800.00E	GRC				
NZA745	3		465250.50S	1683253.60E	GRC				
NZA745	4		465148.60S	1681354.50E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA745	5		464815.80S	1682658.90E	GRC				
NZA745	6		463357.70S	1683608.90E	CCA	462441.69S	1681903.49E	15	NM
NZA745	7		462817.40S	1684008.00E	GRC				
NZA746	1		455959.70S	1692657.20E	CCA	455645.20S	1700943.00E	30	NM
NZA746	2		462007.10S	1694240.10E	GRC				
NZA746	3		462654.30S	1685047.00E	GRC				
NZA746	4		462817.40S	1684008.00E	CCA	462441.69S	1681903.49E	15	NM
NZA746	5		460952.90S	1681540.60E	GRC				
NZA746	6		460437.00S	1681412.80E	GRC				
NZA746	7		460438.60S	1681748.50E	GRC				
NZA746	8		460609.90S	1683615.50E	CWA	462441.69S	1681903.49E	22	NM
NZA746	9		460955.90S	1684239.50E	GRC				
NZA746	10		460529.60S	1684832.60E	GRC				
NZA746	11		460323.20S	1690106.90E	GRC				
NZA746	12		460006.00S	1692039.90E	GRC				
NZA830	1		391349.10S	1745455.60E	GRC				
NZA830	2		403753.80S	1745524.50E	GRC				
NZA830	3	KAPTI	403753.80S	1745948.00E	GRC				
NZA830	4		404238.50S	1751622.20E	GRC				
NZA830	5	Mount Hector	405706.80S	1751656.60E	GRC				
NZA830	6	NE corner Lake Wairarapa	411118.40S	1751851.00E	GRC				
NZA830	7	Martinborough	411307.50S	1752735.10E	GRC				
NZA830	8		411650.00S	1754818.50E	GRC				
NZA830	9		414847.70S	1751737.90E	GRC				
NZA830	10		451552.70S	1713754.30E	GRC				
NZA830	11		443829.80S	1705438.70E	GRC				
NZA830	12		435547.00S	1711606.30E	CWA	433014.76S	1723052.69E	60	NM

## NZANR – Part 71 – CTA 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)									
NZA830	13		425434.90S	1712434.30E	GRC				
NZA830	14		413712.40S	1723753.80E	CWA	412014.02S	1744901.06E	100	NM
NZA830	15		404627.90S	1724349.60E	GRC				
NZA830	16		390221.00S	1733229.00E	GRC				
NZA830	17	New Plymouth VOR/DME	390026.10S	1741102.20E	GRC				
NZA830_S	1		415945.12S	1733946.00E	CIR	415945.12S	1733946.00E	3	NM
NZA831	1		421219.50S	1755312.80E	GRC				
NZA831	2		425130.00S	1750300.00E	GRC				
NZA831	3		453027.60S	1715237.00E	GRC				
NZA831	4		451552.70S	1713754.30E	GRC				
NZA831	5		414847.70S	1751737.90E	GRC				
NZA833	1		420357.50S	1743442.20E	GRC				
NZA833	2		423708.80S	1741830.70E	GRC				
NZA833	3		431007.60S	1731815.20E	CCA	433015.10S	1723052.90E	40	NM
NZA833	4		425611.30S	1725935.30E	GRC				
NZA833	5		414923.40S	1740319.70E	CCA	412013.60S	1744902.00E	45	NM
NZA834	1		440041.80S	1715515.20E	GRC				
NZA834	2		440809.20S	1714606.60E	CWA	433014.76S	1723052.69E	50	NM
NZA834	3		435906.40S	1713437.10E	GRC				
NZA834	4		435324.50S	1714602.60E	CCA	433014.76S	1723052.69E	40	NM
NZA837	1		415945.12S	1733946.00E	CIR	415945.12S	1733946.00E	3	NM
NZA842	1		432328.90S	1725643.10E	GRC				
NZA842	2		433342.00S	1724500.50E	GRC				
NZA842	3		433354.60S	1723851.30E	GRC				
NZA842	4		433616.40S	1723552.70E	GRC				
NZA842	5		433937.80S	1723252.70E	GRC				
NZA842	6		434905.50S	1722138.50E	CWA	433014.76S	1723052.69E	20	NM

## NZANR – Part 71 – CTA 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)									
NZA842	7		433124.40S	1720326.20E	GRC				
NZA842	8		432920.70S	1720623.90E	GRC				
NZA842	9		432959.00S	1721251.40E	GRC				
NZA842	10		432545.10S	1722008.70E	GRC				
NZA842	11		432208.00S	1722436.40E	GRC				
NZA842	12		432127.30S	1722709.00E	GRC				
NZA842	13		431838.40S	1723211.90E	GRC				
NZA842	14		431456.30S	1724006.10E	GRC				
NZA842	15		431155.10S	1724151.70E	CWA	433014.76S	1723052.69E	20	NM
NZA843	1	Intersection of Tram and Browns Roads	432127.30S	1722709.00E	GRC				
NZA843	2		432208.00S	1722436.40E	GRC				
NZA843	3		432545.10S	1722008.70E	GRC				
NZA843	4		432341.60S	1721742.00E	GRC				
NZA843	5	a line following Tram Road from	432004.40S	1722158.40E	GRC				
NZA845	1		432158.10S	1731027.40E	GRC				
NZA845	2	Motukarara Racecourse	434354.00S	1723500.40E	GRC				
NZA845	3		435932.60S	1723946.50E	CWA	433015.10S	1723052.90E	30	NM
NZA845	4		433156.60S	1714943.00E	GRC				
NZA845	5		433124.40S	1720326.20E	CCA	433015.10S	1723052.90E	20	NM
NZA845	6		434905.50S	1722138.50E	GRC				
NZA845	7	Tai Tapu	433937.80S	1723252.60E	GRC				
NZA845	8		433616.40S	1723552.70E	GRC				
NZA845	9		433354.60S	1723851.30E	GRC				
NZA845	10	Southshore Peninsular	433342.00S	1724500.50E	GRC				
NZA845	11		432328.90S	1725643.10E	CCA	433015.10S	1723052.90E	20	NM
NZA845	12		431030.20S	1723517.60E	GRC				
NZA845	13	Christchurch VOR R345	430035.70S	1723710.70E	CWA	433015.10S	1723052.90E	30	NM



## NZANR – Part 71 – CTA 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)									
NZA846	1		431155.10S	1724151.70E	GRC				
NZA846	2	Sefton	431456.30S	1724006.10E	GRC				
NZA846	3	Fernside	431838.40S	1723211.90E	GRC				
NZA846	4	a line following Tram Road from	432127.30S	1722709.00E	GRC				
NZA846	5	(intersection of Tram and School Roads)	432004.40S	1722158.40E	GRC				
NZA846	6		432341.60S	1721742.00E	GRC				
NZA846	7		432545.10S	1722008.70E	GRC				
NZA846	8	Kirwee VRP	432959.00S	1721251.40E	GRC				
NZA846	9	Darfield	432920.70S	1720623.90E	GRC				
NZA846	10	Bennetts	431820.80S	1721747.60E	GRC				
NZA846	11		431017.90S	1722847.20E	CWA	433014.76S	1723052.69E	20	NM
NZA847	1		431459.60S	1732134.70E	GRC				
NZA847	2		432158.10S	1731027.40E	CCA	433015.10S	1723052.90E	30	NM
NZA847	3		430035.70S	1723710.70E	GRC				
NZA847	4	Christchurch VOR R345	431030.20S	1723517.60E	CCA	433015.10S	1723052.90E	20	NM
NZA847	5		431017.90S	1722847.20E	GRC				
NZA847	6	Bennetts	431820.80S	1721747.60E	GRC				
NZA847	7	Darfield	432920.70S	1720623.90E	GRC				
NZA847	8		433124.40S	1720326.20E	GRC				
NZA847	9		433156.60S	1714943.00E	CCA	433015.10S	1723052.90E	30	NM
NZA847	10		435932.60S	1723946.50E	GRC				
NZA847	11		440918.40S	1724246.90E	CWA	433015.10S	1723052.90E	40	NM
NZA847	12		433227.00S	1713559.10E	GRC				
NZA847	13		433212.00S	1714251.10E	GRC				
NZA847	14		425014.50S	1723201.90E	CWA	433015.10S	1723052.90E	40	NM
NZA849	1		425525.00S	1722603.20E	GRC				
NZA849	2		433212.00S	1714251.10E	CWA	433015.10S	1723052.90E	35	NM

## NZANR – Part 71 – CTA 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)									
NZA930	1		451552.70S	1713754.30E	GRC				
NZA930	2		460029.10S	1705036.70E	CWA	454740.28S	1702838.54E	20	NM
NZA930	3		460437.00S	1704350.10E	GRC				
NZA930	4		462901.40S	1701408.60E	GRC				
NZA930	5		462007.10S	1694240.10E	CWA	455645.20S	1700943.00E	30	NM
NZA930	6		455959.70S	1692657.20E	GRC				
NZA930	7		455208.60S	1695337.10E	GRC				
NZA930	8		454030.30S	1701817.20E	GRC				
NZA930	9		452742.90S	1703021.40E	GRC				
NZA930	10		443829.80S	1705438.70E	GRC				
NZA931	1		453027.60S	1715237.00E	GRC				
NZA931	2		470816.10S	1694240.10E	GRC				
NZA931	3		462007.10S	1694240.10E	GRC				
NZA931	4		462901.40S	1701408.60E	GRC				
NZA931	5		460437.00S	1704350.10E	CCA	454740.27S	1702837.90E	20	NM
NZA931	6		460029.10S	1705036.70E	GRC				
NZA931	7		451552.70S	1713754.30E	GRC				
NZA932	1		443829.80S	1705438.70E	GRC				
NZA932	2		452742.90S	1703021.40E	GRC				
NZA932	3		454030.30S	1701817.20E	GRC				
NZA932	4		455208.60S	1695337.10E	GRC				
NZA932	5		455959.70S	1692657.20E	GRC				
NZA932	6		454337.10S	1690459.50E	GRC				
NZA932	7		454939.50S	1685721.70E	GRC				
NZA932	8		454531.90S	1684527.90E	GRC				
NZA932	9		454208.10S	1685147.10E	GRC				
NZA932	10		453529.10S	1685417.60E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA932	11		452805.50S	1690247.30E	GRC				
NZA932	12		452005.20S	1690942.10E	GRC				
NZA932	13		445808.30S	1692836.40E	GRC				
NZA932	14		445353.20S	1693940.50E	GRC				
NZA932	15		444359.90S	1694442.10E	GRC				
NZA932	16		443106.70S	1693534.20E	GRC				
NZA932	17		442630.10S	1693219.50E	GRC				
NZA932	18		442450.80S	1693805.70E	GRC				
NZA932	19		440429.40S	1701334.90E	GRC				
NZA932	20		440819.30S	1701639.30E	GRC				
NZA932	21	Mt Dalgety, 5748 ft	441759.80S	1703610.60E	GRC				
NZA932	22	Mt Nessing, 5253 ft	442052.80S	1704225.00E	GRC				
NZA933	1		435547.00S	1711606.30E	GRC				
NZA933	2		443829.80S	1705438.70E	GRC				
NZA933	3	Mt Nessing, 5253 ft	442052.80S	1704225.00E	GRC				
NZA933	4	Mt Dalgety, 5748 ft	441759.80S	1703610.60E	GRC				
NZA933	5		440819.30S	1701639.30E	GRC				
NZA933	6		440429.40S	1701334.90E	GRC				
NZA933	7		432934.20S	1705008.30E	GRC				
NZA933	8		433031.80S	1710825.70E	CCA	433014.76S	1723052.69E	60	NM
NZA934	1		435037.70S	1694610.80E	GRC				
NZA934	2		441737.60S	1692610.80E	GRC				
NZA934	3		442450.80S	1693805.70E	GRC				
NZA934	4		442630.10S	1693219.50E	GRC				
NZA934	5		443106.70S	1693534.20E	GRC				
NZA934	6		444359.90S	1694442.10E	GRC				
NZA934	7		445353.20S	1693940.50E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA934	8		445808.30S	1692836.40E	GRC				
NZA934	9		452005.20S	1690942.10E	GRC				
NZA934	10		452805.50S	1690247.30E	GRC				
NZA934	11		453529.10S	1685417.60E	GRC				
NZA934	12		454208.10S	1685147.10E	GRC				
NZA934	13		454531.90S	1684527.90E	GRC				
NZA934	14		454829.20S	1684248.10E	GRC				
NZA934	15		454512.40S	1682343.90E	GRC				
NZA934	16		455038.10S	1681351.90E	GRC				
NZA934	17		452630.70S	1681449.30E	GRC				
NZA934	18		445711.00S	1662842.50E	GRC				
NZA934	19		424916.90S	1685444.30E	GRC				
NZA934	20		433151.30S	1690957.60E	GRC				
NZA936	1		460437.00S	1704350.10E	GRC				
NZA936	2		462901.40S	1701408.60E	GRC				
NZA936	3		462007.10S	1694240.10E	CWA	455645.18S	1700942.95E	30	NM
NZA936	4		455959.70S	1692657.20E	GRC				
NZA936	5		455208.60S	1695337.10E	GRC				
NZA936	6		455023.50S	1695721.40E	GRC				
NZA936	7		455532.00S	1695944.50E	GRC				
NZA936	8	Waipori River dam	455514.20S	1700024.30E	GRC				
NZA936	9	SH 87 intersection	455019.20S	1701144.30E	GRC				
NZA936	10	Mt Hyde, 1455 ft	454725.20S	1701717.30E	GRC				
NZA936	11		454609.50S	1702032.00E	GRC				
NZA936	12		454354.70S	1702136.90E	GRC				
NZA936	13		454314.80S	1702123.00E	GRC				
NZA936	14		454030.30S	1701817.20E	GRC				

## NZANR – Part 71 – CTA 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)									
NZA936	15		452742.90S	1703021.40E	CWA	454740.28S	1702838.54E	20	NM
NZA937	1		454030.30S	1701817.20E	GRC				
NZA937	2		454314.80S	1702123.00E	GRC				
NZA937	3		454354.70S	1702136.90E	GRC				
NZA937	4		454609.50S	1702032.00E	GRC				
NZA937	5	Mt Hyde, 1455 ft	454725.20S	1701717.30E	GRC				
NZA937	6	SH 87 intersection	455019.20S	1701144.30E	GRC				
NZA937	7	Waipori River Dam	455514.20S	1700024.30E	GRC				
NZA937	8		455532.00S	1695944.50E	GRC				
NZA937	9		455023.50S	1695721.40E	GRC				
NZA938	1		452742.90S	1703021.40E	GRC				
NZA938	2		454030.30S	1701817.20E	GRC				
NZA938	3		455208.60S	1695337.10E	GRC				
NZA938	4		455959.70S	1692657.20E	CWA	455645.18S	1700942.95E	30	NM
NZA938	5		452652.50S	1700558.60E	GRC				
NZA942	1		445808.30S	1692836.40E	GRC				
NZA942	2		452005.20S	1690942.10E	GRC				
NZA942	3		452805.50S	1690247.30E	GRC				
NZA942	4		453529.10S	1685417.60E	GRC				
NZA942	5		451751.20S	1684654.90E	GRC				
NZA942	6		451255.80S	1684711.30E	GRC				
NZA942	7		450924.80S	1684732.40E	GRC				
NZA942	8		450316.50S	1684809.30E	GRC				
NZA942	9		450236.40S	1685003.30E	GRC				
NZA942	10	Ben Cruachans, 6217 ft	450247.20S	1685158.90E	GRC				
NZA942	11		450430.40S	1690009.10E	GRC				
NZA942	12		450445.40S	1690120.10E	GRC				

**NZANR – Part 71 – CTA boundaries**

Boundary line types <b>CIR</b> ( <i>Circle</i> ), <b>CWA</b> ( <i>Clockwise Arc</i> ), <b>CCA</b> ( <i>Counterclockwise Arc</i> ), <b>GRC</b> ( <i>Great Circle</i> ), <b>RHL</b> ( <i>Rhumbline</i> ), <b>FNT</b> ( <i>geoborder i.e. a line following the road, etc</i> )									
NZA942	13		450424.10S	1690554.00E	GRC				
NZA942	14		450102.90S	1690734.80E	GRC				
NZA947	1		462007.10S	1694240.10E	GRC				
NZA947	2		470816.10S	1694240.10E	GRC				
NZA947	3		480900.00S	1681600.00E	GRC				
NZA947	4		455500.00S	1651800.00E	GRC				
NZA947	5		445711.00S	1662842.50E	GRC				
NZA947	6		452630.70S	1681449.30E	GRC				
NZA947	7		455038.10S	1681351.90E	GRC				
NZA947	8		455604.30S	1681139.60E	GRC				
NZA947	9		460952.90S	1681540.60E	CCA	462441.69S	1681903.49E	15	NM
NZA947	10		461844.50S	1675907.10E	GRC				
NZA947	11		462138.60S	1674709.30E	GRC				
NZA947	12		464616.20S	1675751.00E	GRC				
NZA947	13		465148.60S	1681354.50E	GRC				
NZA947	14		465250.50S	1683253.60E	GRC				
NZA947	15		464950.00S	1684800.00E	GRC				
NZA947	16		462654.30S	1685047.00E	GRC				

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