

## ARTC -- LOWER HUNTER LINE -- SIGNAL LOCATIONS

Maitland (excl) - Muswellbrook					DOWN MOVEMENT	Maitland (excl) - Muswellbrook					UP MOVEMENT	RETURN TO HUNTER MENU
Signal Number	Signal Type	Km	GPS	Track	Signal Number	Signal Type	Km	GPS	Track			
DO NOT USE THIS DATA FOR OPERATIONAL PURPOSES WITHOUT CHECKING						DO NOT USE THIS DATA FOR OPERATIONAL PURPOSES WITHOUT CHECKING						
SIGNAL TYPES DEFINED GENERICALLY ONLY						SIGNAL TYPES DEFINED GENERICALLY ONLY						
CLICK ANYWHERE IN THE TABLE TO RETURN TO THE RELEVANT DRAWING						CLICK ANYWHERE IN THE TABLE TO RETURN TO THE RELEVANT DRAWING						
MAITLAND WEST JUNCTIONS					DOWN	MAITLAND WEST JUNCTIONS					UP	
<b>MD243</b>	Starter Junction	193.062	-32.735962,151.547147	Down Main		<b>MD248</b>	Home	193.470	-32.734703,151.542933	Up Main		
<b>MD257</b>	Home Junction	194.022	-32.732959,151.537543	Down Branch		<b>MD254</b>	Home Junction	193.463	-32.734777,151.542904	Up Branch		
<b>MD255</b>	Home Junction	194.028	-32.732590,151.536706	Down Main		<b>MD258</b>	Home Junction	194.652	-32.730378,151.531634	Down Main		
<b>D195.3</b>	Automatic	195.388	-32.728102,151.524184	Down Main		<b>MD260</b>	Home Junction	194.652	-32.730289,151.531685	Up Main		
<b>MD261</b>	Home	195.388	-32.728019,151.524222	Up Main		<b>MD266</b>	Junction Rptr YL	195.415	-32.728034,151.523935	Down Main		
<b>MD265</b>	Home Junction	196.075	-32.726079,151.517306	Up Main		<b>MD268</b>	Junction Rptr YL	195.415	-32.727944,151.523974	Up Main		
<b>D197.1</b>	Automatic	197.109	-32.724915,151.506361	Down Main		<b>MD286</b>	Home Junction	196.320	-32.725491,151.514688	Up Main		
<b>U197.1</b>	Automatic	197.109	-32.724819,151.506371	Up Main		<b>MD288</b>	Home	196.320	-32.725428,151.514700	Up Relief		
<b>D198.7</b>	Automatic	198.810	-32.720714,151.489125	Down Main		<b>MD312</b>	Home	197.116	-32.724740,151.506320	Up Relief		
<b>U198.7</b>	Automatic	198.810	-32.720627,151.489175	Up Main		<b>D197.2</b>	Automatic	197.316	-32.724893,151.506097	Down Main		
						<b>MD310</b>	Home	197.316	-32.724796,151.506104	Up Main		
						<b>D198.8</b>	Automatic	198.837	-32.720603,151.488864	Down Main		
						<b>U198.8</b>	Automatic	198.837	-32.720516,151.488921	Up Main		
						<b>UR198.8</b>	Automatic	198.837	-32.720457,151.488955	Up Relief		
ALLENDALE			Incorporating	LOCHINVAR		ALLENDALE			Incorporating	LOCHINVAR		
<b>D200.5</b>	Automatic	200.576	-32.718157,151.470991	Down Main	<b>D200.6</b>	Automatic	200.603	-32.718182,151.470700	Down Main			
<b>U200.5</b>	Automatic	200.576	-32.718061,151.470980	Up Main	<b>U200.6</b>	Automatic	200.603	-32.718085,151.470693	Up Main			
<b>D202.1</b>	Automatic	202.037	-32.719707,151.455482	Down Main	<b>UR200.6</b>	Automatic	200.603	-32.718019,151.470686	Up Relief			
<b>U202.1</b>	Automatic	202.037	-32.719596,151.455470	Up Main	<b>D202.6</b>	Automatic	202.570	-32.720694,151.449612	Down Main			
<b>AE71</b>	Junction Rptr YL	203.298	-32.722733,151.442572	Down Main	<b>U202.6</b>	Automatic	202.570	-32.720612,151.449578	Up Main			
<b>AE73</b>	Junction Rptr YL	203.298	-32.722635,151.442525	Up Main	<b>UR202.6</b>	Automatic	202.570	-32.720514,151.449543	Up Relief			
<b>AE77</b>	Home Junction	204.115	-32.723976,151.434094	Down Main	<b>D204.6</b>	Automatic	204.138	-32.723969,151.433880	Down Main			
<b>AE79</b>	Home Junction	204.115	-32.723885,151.434096	Up Main	<b>U204.6</b>	Automatic YL	204.138	-32.723866,151.433885	Up Main			
<b>D205.1</b>	Automatic	205.127	-32.723558,151.423304	Down Main	<b>UR204.6</b>	Automatic YL	204.138	-32.723802,151.433904	Up Relief			
<b>U205.1</b>	Automatic	205.127	-32.723456,151.423308	Up Main	<b>AE84</b>	Home Junction	204.885	-32.723654,151.425871	Down Main			
<b>D206.5</b>	Automatic	206.573	-32.716532,151.411221	Down Main	<b>AE86</b>	Home Junction	204.885	-32.723563,151.425871	Up Main			
<b>U206.5</b>	Automatic	206.573	-32.716475,151.411323	Up Main	<b>AE88</b>	Home	204.888	-32.723488,151.425880	Up Relief			
					<b>AE90</b>	Home Junction YL	205.550	-32.722877,151.418881	Down Main			
					<b>AE92</b>	Home Junction YL	205.550	-32.722789,151.418923	Up Main			
					<b>UR205.6</b>	Automatic	205.550	-32.722716,151.418956	Up Relief			
					<b>D206.0</b>	Automatic	206.050	-32.720453,151.414514	Down Main			
					<b>U206.0</b>	Automatic	206.050	-32.720377,151.414603	Up Main			
					<b>UR206.0</b>	Automatic	206.050	-32.720317,151.414671	Up Relief			
					<b>D206.6</b>	Automatic	206.600	-32.716343,151.411076	Down Main			
					<b>U206.6</b>	Automatic	206.600	-32.716270,151.411168	Up Main			
					<b>UR206.6</b>	Automatic	206.600	-32.716230,151.411234	Up Relief			
					<b>D207.4</b>	Automatic	207.315	-32.710585,151.407622	Down Main			
					<b>U207.4</b>	Automatic	207.315	-32.710542,151.407727	Up Main			
					<b>UR207.4</b>	Automatic	207.315	-32.710511,151.407801	Up Relief			
					continued on Page 2							



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Maitland (excl) - Muswellbrook					DOWN MOVEMENT	Maitland (excl) - Muswellbrook					UP MOVEMENT	RETURN TO HUNTER MENU
Signal Number	Signal Type	Km	GPS	Track		Signal Number	Signal Type	Km	GPS	Track		
<b>WHITTINGHAM - SINGLETON</b>					<b>DOWN</b>	<b>WHITTINGHAM - SINGLETON</b>					<b>UP</b>	
WM171	Home	231.821	-32.618073,151.216984	Down Main		D232.4	Automatic T	231.823	-32.618051,151.216953	Down Main		
WM173	Home	231.821	-32.618004,151.217048	Up Main		U232.4	Automatic T	231.823	-32.617981,151.217015	Up Main		
WM175	Home Junction	233.858	-32.605459,151.201268	Down Main		UR232.4	Automatic T	231.823	-32.617923,151.217069	Up Relief		
WM177	Home Junction	233.858	-32.605408,151.201347	Up Main		UR233.4	Automatic	233.443	-32.608296,151.204185	Up Relief		
SN41	146.9 Home OH	236.269	-32.588570,151.185334	Down Main		WM180	Home	234.472	-32.601210,151.197129	Down Branch		
SN47	Shunt	236.280		Up Main		WM182	Home Junction T	234.551	-32.600605,151.196692	Up Branch		
148.1	Home Junction	238.277	-32.576126,151.170779	Down Main		WM184	Junction Rptr T	235.070	-32.596574,151.193027	Up Main		
SN57	Point Indicator	238.553	-32.574252,151.168347	Down Main		WM190	Home	235.838	-32.591407,151.188136	Up Main		
148.5	Starter	239.015	-32.571547,151.164821	Down Main		SN70	147.6 Starter YL	237.750	-32.580181,151.176165	Up Main		
U148.5	Starter Junction	239.035	-32.571242,151.164508	Up Main		SN71	Shunt	238.213	-32.574449,151.168595	Down Loop		
SN51	Shunt	239.035	-32.571604,151.164822	Down Loop		SN72	R148.2 Home Junction	238.553	-32.574111,151.168241	Down Main		
148.9	Starter	239.473	-32.567468,151.160109	Down Main		SN73	U148.2 Home	238.554	-32.574076,151.168283	Up Main		
149.7	Automatic EYL	240.996	-32.555639,151.155593	Down Main		SN74	148.4 Home	238.775	-32.572616,151.166380	Up Main		
						SN67C	Point Indicator		-32.571003,151.164107	Down Siding		
						SN78	Shunt	239.004	-32.569570,151.162333	Down Main		
						148.6	Home Junction	239.473	-32.569081,151.161795	Up Main		
						SN82	150.4 Home OH	241.949	-32.547367,151.155596	Up Main		
<b>CAMBERWELL JCN - MT OWEN JCN</b>						<b>CAMBERWELL JCN - MT OWEN JCN</b>						
			Incorp. ASHTON COAL									
CL1	Home YL	243.310	????	Down Main		152.6	Automatic EYL	243.995	-32.530010,151.154022	Up Main		
CL3	Home Junction	246.610	-32.506543,151.150114	Down Main		CL2	Starter	245.596	-32.513833,151.153713	Up Main		
155.3	Automatic EYL	249.707	-32.484768,151.135531	Down Main		CL4	Starter	245.596	-32.513825,151.153796	Up Relief		
MN1	Home YL	251.941	-32.468987,151.123496	Down Main		UM153.6	Automatic	246.635	-32.506355,151.150031	Up Main		
MN3	Home	253.649	-32.461713,151.107569	Down Main		UR153.6	Automatic	246.635	-32.506303,151.150079	Up Relief		
MN15	Home	254.700	-32.457914,151.096856	Down Main		CL12	Home	247.280	-32.503050,151.144329	Up Main		
MN23	Starter	258.215	-32.452422,151.063498	Down Siding		CL14	Home Junction	247.280	-32.502969,151.144364	Up Relief		
MN25	Home	258.215	-32.452395,151.063547	Down Main		CL16	Starter Junction	247.155	-32.503367,151.145715	Up Branch		
						CL18	Home	248.010	-32.499709,151.137976	Up Main		
						CL20	Junction Repeater	248.010	-32.499674,151.138040	Up Relief		
						CL18 RPTR	Repeater	248.260	-32.497618,151.137083	Up Main		
						UM154.6	Automatic	248.820	-32.492583,151.137318	Up Main		
						UR154.6	Automatic	248.820	-32.492571,151.137396	Up Relief		
						CL22	Home Junction	249.485	-32.486748,151.136097	Up Main		
						CL24	Home T	251.625	-32.470412,151.125986	Up Main		
						157.4	Automatic EYL	253.200	-32.463625,151.111873	Up Main		
						MN4	Home	254.013	-32.460055,151.104218	Up Main		
						MN6	Starter	254.013	-32.460022,151.104266	Up Branch		
						MN8	Home YL	255.700	-32.457871,151.086699	Up Main		
<b>NEWDELL JCN</b>						<b>NEWDELL JCN</b>						
			Incorporating RAVENSWORTH JCN									
NJ1	Junction Repeater	258.975	-32.446160,151.059462	Down Main		160.6	Automatic	258.434	-32.450400,151.062364	Up Main		
NJ3	Hom Jcn + Jcn Rptr	259.516	-32.441704,151.057423	Down Main		NJ4	Home	260.158	-32.433912,151.055921	Up Main		
NJ5	Hom Jcn + Jcn Rptr	259.516	-32.441677,151.057538	Up Main		NJ6	Starter	260.390	-32.433935,151.055692	Ravensworth Arrival Rd		
NJ9	Junction Repeater	261.132	-32.427234,151.054109	Down Main		NJ8	Starter	260.390	-32.433923,151.055815	Ravensworth Dept. Rd		
NJ7	Home	261.268	-32.426275,151.053488	Ravensworth Arrival Rd		NJ10	Starter	261.473	-32.424678,151.052442	Macquarie Gen Siding		
NJ11	Home	261.881	-32.421708,151.049940	Ravensworth Arrival Rd		NJ12	Shunt	261.531	???	Ravensworth Arrival Rd		
NJ13	Home	261.881	-32.421642,151.050033	Ravensworth Dept. Rd		NJ18	Home	262.311	-32.419077,151.046623	Ravensworth Branch		
NJ15	Home Junction	262.236	-32.419480,151.047309	Down Main		NJ14	Home	262.376	-32.418623,151.046246	Up Main		
164.5	Automatic EYL	264.675	-32.400875,151.034628	Down Main		NJ16	Home	162.56	-32.417638,151.044577	HV Branch		
						NJ16 RPTR	Repeater	263.656	-32.414632,151.033474	HV Branch		
						NJ20	Home EYL	264.787	-32.399789,151.034302	Up Main		
						165.2	Automatic	265.768	-32.391539,151.031034	Up Main		

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Maitland (excl) - Muswellbrook					DOWN MOVEMENT	Maitland (excl) - Muswellbrook					UP MOVEMENT	RETURN TO HUNTER MENU	
Signal Number	Signal Type	Km	GPS	Track		Signal Number	Signal Type	Km	GPS	Track			
<small>Continued on Page 4</small>													
<b>DRAYTON JCN</b>					<b>DOWN</b>	<b>DRAYTON JCN</b>					<b>UP</b>		
<b>165.1</b>	Automatic	265.651	-32.392454,151.031299	Down Main		<b>166.6</b>	Automatic	268.352	-32.371203,151.022152	Up Main			
<b>DJ47</b>	Jcn Rptr YL/OH	267.501	-32.361531,151.013937	Down Main		<b>168.6</b>	Automatic EYL	270.990	-32.352220,151.002776	Up Main			
<b>DJ49</b>	Junction Repeater	269.522	-32.361531,151.013937	Down Main		<b>DJ76</b>	Home Junction	272.437	-32.347355,150.988643	Down Main			
<b>DJ53</b>	Home Junction	271.530	-32.350607,150.997318	Down Main		<b>DJ54</b>	Home	272.437	-32.347282,150.988723				
<b>DJ51</b>	Home Junction	271.530	-32.350647,150.997303	Down Refuge		<b>DJ56</b>	Home YL/EYL	273.491		Up Main			
<b>DJ55</b>	Shunt	271.538	-32.350516,150.996754	Down Refuge		<b>DJ58</b>	Home Junction	272.217	-32.347486,150.988535	Up Branch			
<b>DJ59</b>	Starter	272.755	-32.345184,150.984472	Down Branch		<b>DJ76 RPTR</b>	Repeater	272.821	-32.344379,150.986471	Down Main			
						<b>DJ60</b>	Home	273.060	-32.344038,150.982704	Branch			
						<b>DJ60 DIST</b>	Distant		???	Branch			
<b>MUSWELLBROOK</b>		Incorporating	ANTIENE, GRASSTREE, BENGALLA & MT PLEASANT			<b>MUSWELLBROOK</b>		Incorporating	ANTIENE, GRASSTREE, BENGALLA & MT PLEASANT				
<b>MK99</b>	Junction Repeater	272.825	-32.344431,150.986488	Down Main		<b>MK102</b>	Home	273.126	-32.341933,150.985818	Branch			
<b>MK101C</b>	Shunt	273.000	-32.343076,150.985921	#1 Arrival Road		<b>MK108</b>	Home Junction	274.436	-32.333968,150.983483	Down Main			
<b>MK101B</b>	Shunt	273.000	-32.343079,150.985871	#2 Arrival Road		<b>MK106</b>	Home Junction	274.436	-32.333973,150.983606	Up Main			
<b>MK101</b>	Starter	273.000	-32.342903,150.985799	Branch Dept. Road		<b>MK112</b>	Junction Repeater	276.664	-32.317549,150.979172	Up Main			
<b>MK105</b>	Home Junction	273.711	-32.340025,150.985471	Down Main		<b>MK114</b>	Junction Repeater	276.664	-32.317488,150.979090	Down Main			
<b>MK103</b>	Starter Junction	273.721	-32.340055,150.985287	Down Branch		<b>278.4</b>	Automatic	278.377	-32.303699,150.984578	Up Main			
<b>276.1</b>	Automatic	275.500	-32.325804,150.981867	Down Main		<b>278.6</b>	Automatic	278.377	-32.303736,150.984457	Down Main			
<b>276.3</b>	Automatic	275.500	-32.325692,150.981914	Up Main		<b>MK122</b>	Home Junction	281.342	-32.286166,150.961682	Up Main			
<b>MK115</b>	Junction Repeater	278.377	-32.303836,150.984503	Down Main		<b>MK124</b>	Home Junction	281.342	-32.286266,150.961631	Down Main			
<b>MK117</b>	Junction Repeater	278.365	-32.303798,150.984623	Up Main		<b>MK128</b>	Junction Repeater	283.015	-32.281294,150.945195	Up Main			
<b>MK119</b>	Home Junction	280.603	-32.289595,150.968735	Down Main		<b>MK130</b>	Junction Repeater	283.017	-32.281376,150.945206	Down Main			
<b>MK121</b>	Home Junction	280.793	-32.289510,150.968793	Up Main		<b>284.6</b>	Automatic	284.626	-32.282388,150.928125	Up Main			
<b>282.9 RPTR</b>	Repeater	282.444	-32.281804,150.951104	Down Main		<b>284.8</b>	Automatic	284.626	-32.282494,150.928142	Down Main			
<b>283.1 RPTR</b>	Repeater	282.444	-32.281717,150.951131	Up Main		<b>286.2</b>	Automatic	286.479	-32.277549,150.910158	Up Main			
<b>282.9</b>	Automatic	283.003	-32.281375,150.945329	Down Main		<b>286.4</b>	Automatic	286.479	-32.277657,150.910184	Down Main			
<b>283.1</b>	Automatic	283.015	-32.281286,150.945320	Up Main		<b>MK146</b>	Starter Junction	288.149	-32.270294,150.896242	Coal Siding			
<b>284.5</b>	Automatic	284.614	-32.282489,150.928256	Down Main		<b>MK148</b>	Starter	288.192	-32.270042,150.895864	Down Main			
<b>284.7</b>	Automatic	284.614	-32.282381,150.928249	Up Main		<b>MK150</b>	Starter	288.192	-32.269934,150.895919	Up Main			
<b>MK137</b>	Junction Repeater	286.460	-32.277634,150.910311	Down Main		<b>MK152</b>	Home Junction	288.606	-32.268182,150.891976	Up Main			
<b>MK139</b>	Junction Repeater	286.460	-32.277529,150.910282	Up Main		<b>MK162</b>	Home Junction	289.036	-32.266264,150.888065	Ulan Line			
<b>MK143</b>	Home Jcn/Jcn Aprch	288.018	-32.270830,150.897469	Down Main		<b>MK164</b>	Home Jcn/Jcn Rptr	289.053	-32.265985,150.888133	Werris Creek Line			
<b>MK145</b>	Home Junction	288.018	-32.270733,150.897541	Up Main		<b>MK166</b>	Junction Repeater	290.168	-32.256614,150.889425	Werris Creek Line			
<b>MK141</b>	Shunt	288.165	-32.270662,150.897030	Coal Neck		<b>MK222</b>	Starter/Jcn Rptr	292.004	-32.273410,150.858735	Loop			
<b>MK157</b>	Starter Junction	288.864	-32.267213,150.889464	Coal Siding		<b>MK224</b>	Starter/Jcn Rptr	292.004	-32.273328,150.858671	Main			
<b>MK159</b>	Starter Junction	288.864	-32.267166,150.889493	Down Main		<b>MK228</b>	Home Junction	294.234	-32.284444,150.838974	Ulan Single Line			
<b>MK161</b>	Starter	288.892	-32.267012,150.889413	Up Main		<b>MK230</b>	Home Junction	294.495	-32.286025,150.836830	Branch			
<b>MK161 Co-Act</b>	Co-Acting		-32.266920,150.889154	Up Main		<b>MK232</b>	Home	296.552	-32.294526,150.817713	Ulan Single Line			
<b>MK171</b>	Home	290.844	-32.269812,150.870443	Ulan Single Line		<b>MK236</b>	Home YL	297.532		Ulan Single Line			
<b>MK221</b>	Home Junction	291.700	-32.272127,150.861537	Ulan Single Line		<b>MK236 DIST</b>	Distant	299.030	-32.305271,150.799989	Ulan Single Line			
<b>MK225</b>	Starter Junction	293.796	-32.282054,150.842658	Loop		<b>MK238</b>	Home Junction	297.878		Mt Pleasant Branch			
<b>MK227</b>	Starter Junction	293.796	-32.281976,150.842594	Main		<b>MK242</b>	Starter	303.909		Mt Pleasant Branch			
<b>MK231</b>	Starter	295.873	-32.292087,150.824176	Ulan Single Line									
<b>MK235</b>	Home Junction	296.919		Ulan Single Line									
<b>MK241</b>	Home	299.640		Mt Pleasant Branch									
<b>CONTINUED ON ...</b>					<b>SL550</b>	<b>and GOULBURN VALLEY (ULAN): Mangoola - Merrygoen</b>					<b>@</b>	<b>SL570</b>	