

## ARTC -- PORT AUGUSTA LINE -- SIGNAL LOCATIONS

Dry Creek - Spencer Junction					DOWN MOVEMENT	Dry Creek - Spencer Junction					UP MOVEMENT	RETURN TO DIN 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						
<b>DRY CREEK</b>					<b>DOWN</b>	<b>DRY CREEK</b>					<b>UP</b>	
19	Dwarf		-34.829765,138.587134	m.g. bypass		16	Departure	11.800	-34.835600,138.584775	Main		
21	Home Junction	12.600	-34.829895,138.587003	Loop		16E	Departure	11.800	-34.835618,138.584835	Loop		
23	Home	12.878	-34.829899,138.587007	Main		22B	Dwarf		-34.826153,138.589694	MPC access		
25	Departure	13.750	-34.821667,138.594923	Main		26	Home Junction	13.850	-34.821173,138.595836	Main		
27	Departure	13.750	-34.821708,138.594963	Loop		28	Dwarf		-34.821209,138.595874	DCNth Through Road		
<b>DRY CREEK JUNCTION</b>						<b>DRY CREEK JUNCTION</b>						
135	Absolute	14.992	-34.812950,138.602430	Main		14	Home Junction	16.847	-34.800094,138.615410	Single Line		
15	Dwarf	16.749	-34.800793,138.614766	DCNth Through Road		24	Home	19.864	-34.778183,138.634950	Single Line		
13	Home	16.574	-34.802034,138.613524	Main		234	Permissive	23.488	-34.748185,138.637929	Single Line		
23	Departure	18.309	-34.788911,138.625419	Single Line								
<b>BOLIVAR</b>						<b>BOLIVAR</b>						
259	Permissive	26.075	-34.729399,138.620975	Single Line		4H	Departure	28.817	-34.709587,138.603448	SCT yard		
3	Home Junction	28.550	-34.711613,138.605050	Single Line		4	Departure	30.612	-34.696718,138.591799	Main		
13	Home Junction	30.528	-34.697469,138.592385	Single Line		4E	Departure	30.612	-34.696679,138.591845	Loop		
15	Departure	31.153	-34.692776,138.588356	SCT yard		14	Home Junction	31.228	-34.692164,138.587800	Loop		
23	Departure	32.481	-34.683718,138.578488	Main		24	Home Junction	32.602	-34.682900,138.577635	Single Line		
23E	Departure	32.418	-34.683688,138.578531	Loop		344	Permissive (RtMS)	34.575	-34.669402,138.563875	Single Line		
<b>TWO WELLS</b>						<b>TWO WELLS</b>						
429	Permissive (RtMS)	42.700	-34.607384,138.527759	Single Line		4	Departure	44.630	-34.591549,138.519404	Main		
3	Home Junction	44.491	-34.592783,138.520065	Single Line		4E	Departure	44.630	-34.591541,138.519307	Loop		
23	Departure	46.461	-34.576099,138.513811	Main		24	Home Junction	46.657	-34.574768,138.513770	Single Line		
23E	Departure	46.461	-34.576103,138.513747	Loop		480	Permissive (RtMS)	48.224	-34.574768,138.513770	Single Line		
<b>MALLALA</b>						<b>MALLALA</b>						
613	Permissive	61.190	-34.444418,138.509298	Single Line		618	Permissive	61.940	-34.438421,138.507451	Single Line		
619	Absolute	61.965	-34.438099,138.507122	Single Line		628	Permissive	62.840	-34.433272,138.499846	Single Line		
<b>LONG PLAINS</b>						<b>LONG PLAINS</b>						
753	Permissive (RtMS)	74.845	-34.373876,138.392063	Single Line		4	Departure	76.970	-34.362574,138.378164	Main		
3	Home Junction	76.819	-34.362574,138.378164	Single Line		4E	Departure	76.970	-34.359666,138.377279	Loop		
23E	Departure	78.874	-34.342768,138.380074	Main		24	Home Junction	78.991	-34.341805,138.380223	Single Line		
23	Departure	78.874	-34.342781,138.380121	Loop		806	Permissive (RtMS)	80.650	-34.328213,138.374204	Single Line		
<b>In Section (Kallora)</b>						<b>In Section (Kallora)</b>						
895	Permissive	89.500	-34.263158,138.320097	Single Line		896	Permissive	89.500	-34.263108,138.320154	Single Line		

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Signal Number	Signal Type	Km	GPS	Track		Signal Number	Signal Type	Km	GPS	Track		
<b>BOWMANS</b>					<b>DOWN</b>	<b>BOWMANS</b>					<b>UP</b>	
987	Permissive (RtMS)		Data n/a	Single Line		4	Departure	99.944	-34.173929,138.274875	Main		
3	Home Junction	99.829	-34.175959,138.275656	Single Line		4E	Departure	99.944	-34.173904,138.274952	Loop		
23	Departure	101.779	-34.163450,138.261411	Main		24	Home Junction	102.414	-34.159541,138.256663	Single Line		
23E	Departure	101.779	-34.163391,138.261465	Loop		104	Permissive (RtMS)		-34.144435,138.245327	Single Line		
<b>NANTAWARRA</b>						<b>NANTAWARRA</b>						
119	Permissive (RtMS)	118.345	-34.024183,138.227261	Single Line		4	Departure	120.05	-34.008636,138.225980	Main		
3	Home Junction	119.926	-34.009749,138.225603	Single Line		4E	Departure	120.05	-34.008647,138.226023	Loop		
23	Departure	121.870	-33.992196,138.225616	Main		24	Home Junction	122.019	-33.991194,138.225489	Single Line		
23E	Departure	121.870	-33.992182,138.225670	Loop		124	Permissive (RtMS)	123.65	-33.976707,138.226440	Single Line		
<b>In Section (Bumbunga)</b>						<b>In Section (Bumbunga)</b>						
133	Permissive	132.592	-33.898874,138.229857	Single Line		132	Permissive	132.592	-33.898871,138.229920	Single Line		
<b>SNOWTOWN</b>						<b>SNOWTOWN</b>						
141	Permissive (RtMS)	141.912	-33.806674,138.218409	Single Line		4	Departure	143.663	-33.802752,138.216317	Main		
3	Home Junction	143.541	-33.803810,138.216824	Single Line		4E	Departure	143.663	-33.802779,138.216253	Loop		
12	Home Junction	145.456	-33.787798,138.210165	Loop		2	Home (rlx prot'n)	241.670	-33.790980,138.208388	Grain Siding		
13	Home	145.479	-33.787609,138.210319	Main		14	Home Junction	145.681	-33.785951,138.211205	Single Line		
5	Home	241.323	-33.788052,138.209925	Grain Siding		24	Home Junction	146.586	-33.778553,138.215392	Single Line		
23	Departure	146.323	-33.780696,138.214088	Main		148	Permissive (RtMS)	148.190	-33.764152,138.216030	Single Line		
23D	Departure	146.313	=====	Siding (o.o.s)								
<b>In Section (Lake View)</b>						<b>In Section (Lake View)</b>						
161	Permissive	158.928	-33.668487,138.223990	Single Line		160	Permissive	158.928	-33.668514,138.224062	Single Line		
<b>REDHILL</b>						<b>REDHILL</b>						
169	Permissive (RtMS)	169.025	-33.575711,138.224943	Single Line		4	Departure	171.121	-33.560198,138.224129	Main		
3	Home	170.866	-33.561156,138.224381	Single Line		4E	Departure	171.121	-33.560183,138.224187	Loop		
23E	Departure	172.028	-33.542683,138.221582	Loop		24	Home	172.143	-33.541646,138.221289	Single Line		
23	Departure	172.088	-33.542706,138.221524	Main		174	Permissive (RtMS)	173.770	-33.531427,138.209061	Single Line		
<b>In Section</b>						<b>In Section</b>						
183	Permissive	184.100	-33.444858,138.172940	Single Line		182	Permissive	184.100	-33.444820,138.172987	Single Line		
<b>ROCKY RIVER</b>						<b>ROCKY RIVER</b>						
191	Permissive (RtMS)	190.475	-33.401123,138.167521	Single Line		4	Departure	192.154	-33.387034,138.174365	Main		
3	Home	191.979	-33.387744,138.173518	Single Line		4E	Departure	192.154	-33.387078,138.174428	Loop		
23E	Departure	194.029	-33.374522,138.187157	Loop		24	Home	194.136	-33.373792,138.187938	Single Line		
23	Departure	194.029	-33.374483,138.187111	Main								

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Signal Number	Signal Type	Km	GPS	Track		Signal Number	Signal Type	Km	GPS	Track		
<b>CRYSTAL BROOK</b>					<b>DOWN</b>	<b>CRYSTAL BROOK</b>					<b>UP</b>	
3	Home Junction	196.03	-33.361942,138.202196	Main		4E	Home Junction	196.138	-33.361683,138.203313	△ S Leg		
		km change		196.915 = 23.000		4	Home Junction	196.142	-33.361740,138.203328	△ W Leg		
265	Permissive (RtMS)	26.200	-33.359332, 138.238239	BH Branch				km change		196.915 = 23.000		
5	Home Junction	23.693	-33.359537,138.214975	BH Branch		6	Departure	23.560	-33.358747,138.213279	△ N Leg		
13	Home Junction	22.979	-33.356409,138.208598	△ W Leg		6E	Departure	23.560	-33.358817,138.213231	△ S Leg		
13E	Home Junction	22.979	-33.356039,138.208683	△ N Leg		14E	Home Junction	22.560	-33.354249,138.206589	Loop		
23	Home Junction	21.776	-33.347692,138.199743	Main		14	Home Junction	22.600	-33.354244,138.206705	Main		
23E	Home Junction	21.776	-33.347737,138.199654	Loop		24	Home Junction	21.120	-33.342722,138.196482	Up Main		
181	Departure	18.400	-33.326641,138.175111	Down Main		24D	Dwarf	21.120	-33.344164,138.197407	Down Main		
						24E	Dwarf	21.145	-33.342699,138.196625	Grain Loop		
						182	Absolute (RtMS)	18.400	-33.326341,138.174880	Up Main		
<b>In Section</b>						<b>In Section</b>						
117	Absolute	11.778	-33.275350,138.140550	Down Main		118		11.778	-33.275461,138.140733	Up Main		
<b>COONAMIA</b>						<b>COONAMIA</b>						
355	Outer Home	2.182	-33.202984,138.087506	Down Main		354	Departure	2.182	-33.202915,138.087597	Up Main		
		km datum		0 both directions				km datum		0 both directions		
3	Home	0.290	-33.196671,138.064335	Down Main		4	Departure	0.290	-33.196343,138.062480	Main		
1	Dwarf	0.290	-33.196579,138.064442	Up Main		4E	Departure	0.290	-33.196389,138.062484	Loop		
13	Departure	1.970	-33.194252,138.045166	Main		14	Home	2.162	-33.193823,138.042164	Single Line		
13E	Departure	1.970	-33.194312, 138.045156	Loop		22	Home Junction	3.031	-33.189360,138.038356	Single Line		
35	Home	3.008	-33.192892,138.034134	Pt Pirie Yard		36	Departure	3.259	-33.192643,138.032216	Pt Pirie Yard		
33	Departure Ground		-33.192464,138.033916	Pt Pirie Yard		24	Outer Home	3.995	-33.181143,138.045785	Single Line		
23	Departure	3.995	-33.181102,138.045718	Single Line		56	Permissive	5.634	-33.170480,138.055427	Single Line		
<b>In Section (Weeroona)</b>						<b>In Section (Weeroona)</b>						
13	Permissive	13.410	-33.103851,138.056003	Single Line		14	Permissive	13.410	-33.103843,138.056083	Single Line		
<b>PORT GERMEIN</b>						<b>PORT GERMEIN</b>						
21	Permissive (RtMS)	22.531	-33.028564,138.016368	Single Line		4	Departure	24.840	-33.009825,138.004982	Main		
3	Home Junction	24.738	-33.011492,138.005901	Single Line		4E	Departure	24.840	-33.009855,138.004896	Loop		
23	Departure	26.746	-32.994535,137.995773	Main		24	Home Junction	26.901	-32.992343,137.994948	Single Line		
23E	Departure	26.746	-32.994546,137.995708	Loop		24	Permissive (RtMS)	29.394	-32.970234,137.985688	Single Line		
<b>In Section (Baroota)</b>						<b>In Section (Baroota)</b>						
33	Permissive	34.900	-32.923682,137.982711	Single Line		34	Permissive	34.900	-32.923736,137.982807	Single Line		
<b>MAMBRAY CREEK</b>						<b>MAMBRAY CREEK</b>						
41	Permissive (RtMS)	42.300	-32.856247,137.982488	Single Line		4	Departure	44.020	-32.840989,137.982504	Main		
3	Home Junction	43.927	-32.841645,137.982438	Single Line		4E	Departure	44.020	-32.840978,137.982436	Loop		
23	Departure	45.841	-32.824820,137.978534	Main		24	Home Junction	45.954	-32.824198,137.978100	Single Line		
23E	Departure	45.841	-32.824880,137.978409	Loop		48	Permissive (RtMS)	47.550	-32.812230,137.969732	Single Line		
<b>In Section (Nectar Brook)</b>						<b>In Section (Nectar Brook)</b>						
59	Permissive	60.100	-32.703475,137.942934	Single Line		60	Permissive	60.100	-32.703475,137.943007	Single Line		

