

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Waikerie, South Australia [Nationals 2010] Control Points

Contest: 48th Australian Multi Class National Gliding Championships 2010

Courtesy of Peter B. Robinson (RobinsonP@onesteel.com)

Dated: 22 May 2009

Magnetic Variation: 8.4

Time zone: Australia/South, summer offset from GMT is 10:30 and in winter it is 9:30.

Version - WKI Multiclass V4.ste, [all download files end in "0"]

Printed Wednesday, 16 December 2009 at 02:03 GMT

UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warranties, expressed or implied.

User assumes all risk of use.

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Elevation</i> <i>Feet</i>	<i>Codes</i> [*]	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Alawoona	34 44 07 S	140 30 29 E	34 44.117 S	140 30.483 E	230	T		ALAWOONA	75	153
2	Annuello	34 51 20 S	142 49 48 E	34 51.333 S	142 49.800 E	194	T		ANNUELLO	267	115
3	Antwerp	36 17 56 S	142 01 26 E	36 17.933 S	142 01.433 E	400	T		ANTWRP	297	151
4	Armstrong	34 15 24 S	139 35 57 E	34 15.400 S	139 35.950 E	144	TA	Af	ARMSTRNG	40	267
5	Bakara	34 39 21 S	139 46 52 E	34 39.350 S	139 46.867 E	236	T		BAKARA	57	212
6	Balranald	34 37 18 S	143 34 37 E	34 37.300 S	143 34.617 E	210	TA	Ap	BALRANLD	329	108
7	Beulah	35 56 06 S	142 25 24 E	35 56.100 S	142 25.400 E	400	T		BEULAH	292	141
8	Blanchetown	34 20 43 S	139 36 59 E	34 20.717 S	139 36.983 E	66	T		BLANCHTN	42	253
9	Booborowie	33 33 44 S	138 45 37 E	33 33.733 S	138 45.617 E	1299	T		BOOBRWIE	136	309

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Elevation</i> <i>Feet</i>	<i>Codes</i> [*]	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
10	Burra	33 40 21 S	138 55 16 E	33 40.350 S	138 55.267 E	1558	T		BURRA	117	307
11	Carina	35 15 15 S	141 05 42 E	35 15.250 S	141 05.700 E	308	T		CARINA	154	149
12	Carrieton	32 24 23 S	138 31 14 E	32 24.383 S	138 31.233 E	1424	TA	Af	CARRIETN	242	333
13	Carwarp	34 27 27 S	142 11 58 E	34 27.450 S	142 11.967 E	200	T		CARWARP	202	108
14	Chalk Cliffs	33 37 14 S	139 13 26 E	33 37.233 S	139 13.433 E	702	T		CHALKCLF	97	318
15	Clifden	32 12 40 S	138 34 22 E	32 12.667 S	138 34.367 E	1722	TA	Af	CLIFDEN	258	336
16	Cockburn	32 04 14 S	140 59 49 E	32 04.233 S	140 59.817 E	715	TA	Af	COCKBURN	252	30
17	Coomandook	35 28 12 S	139 41 43 E	35 28.200 S	139 41.717 E	43	T		COOMANDK	146	200
18	Copeville	34 47 39 S	139 50 55 E	34 47.650 S	139 50.917 E	184	T		COPEVILLE	70	202
19	Cowangie	35 14 03 S	141 22 53 E	35 14.050 S	141 22.883 E	157	T		COWANGIE	170	142
20	Cradock	32 04 22 S	138 29 51 E	32 04.367 S	138 29.850 E	1033	T		CRADOCK	275	337
21	Farrell Flat	33 49 52 S	138 47 43 E	33 49.867 S	138 47.717 E	1411	T		FARRELLF	120	297
22	Galga	34 41 51 S	139 57 39 E	34 41.850 S	139 57.650 E	233	T		GALGA	57	194
23	Georgetown	33 21 45 S	138 23 18 E	33 21.750 S	138 23.300 E	961	T		GEORGETN	177	309
24	Hallett	33 25 11 S	138 53 31 E	33 25.183 S	138 53.517 E	1644	T		HALLETT	135	317
25	Hammond	32 31 15 S	138 18 51 E	32 31.250 S	138 18.850 E	1043	T		HAMMOND	244	327
26	Hattah	34 45 52 S	142 16 46 E	34 45.867 S	142 16.767 E	400	T		HATTAH	216	116
27	Hawker	31 51 15 S	138 28 05 E	31 51.250 S	138 28.083 E	1056	TA	Ap	HAWKERAP	297	339
28	Hopetoun	35 42 59 S	142 21 26 E	35 42.983 S	142 21.433 E	400	TA		HOPETN	272	138
29	Itteldoo	34 05 49 S	139 41 24 E	34 05.817 S	139 41.400 E	135	TA	Af	ITTELDOO	33	296
30	Jamestown	33 12 07 S	138 36 26 E	33 12.117 S	138 36.433 E	1493	T		JAMESTN	171	318
31	Karawinna	34 22 43 S	141 41 50 E	34 22.717 S	141 41.833 E	217	T		KARAWINA	155	107
32	Karoonda	35 05 39 S	139 53 55 E	35 05.650 S	139 53.917 E	223	T		KAROONDA	102	195
33	Kingston Bridge	34 13 47 S	140 21 59 E	34 13.783 S	140 21.983 E	125	T		KINGSTNB	32	108
34	Lake Cullulleraine	34 16 41 S	141 35 52 E	34 16.683 S	141 35.867 E	141	T		LAKECULL	145	103
35	Lameroo	35 19 49 S	140 31 03 E	35 19.817 S	140 31.050 E	328	T		LAMEROO	135	169
36	Lindsay River	34 06 17 S	141 00 30 E	34 06.283 S	141 00.500 E	177	TA	Af	LINDSAYR	91	93
37	Lock2	34 04 39 S	139 55 52 E	34 04.650 S	139 55.867 E	43	T		LOCK2	15	332
38	Loxton Af	34 28 34 S	140 39 54 E	34 28.567 S	140 39.900 E	108	TA		LOXTONAF	67	127
39	Loxton TV Tower	34 27 50 S	140 32 01 E	34 27.833 S	140 32.017 E	154	T		LOXTONTV	56	132
40	Maggea	34 28 37 S	140 03 53 E	34 28.617 S	140 03.883 E	207	T		MAGGEA	33	182
41	Manna Hill	32 25 40 S	140 00 22 E	32 25.667 S	140 00.367 E	1198	TA	Af	MANNAHIL	195	8
42	Maraby	31 49 07 S	138 35 04 E	31 49.117 S	138 35.067 E	1388	TA	Af	MARABY	296	341
43	Maude	34 28 21 S	144 18 07 E	34 28.350 S	144 18.117 E	78	T	Hotel	MAUDE	394	104
44	Melrose	32 49 39 S	138 11 19 E	32 49.650 S	138 11.317 E	1299	T		MELROSE	228	319
45	Melton	32 19 03 S	139 20 52 E	32 19.050 S	139 20.867 E	1047	TA	Af	MELTON	217	351
46	Meribah	34 42 20 S	140 51 11 E	34 42.333 S	140 51.183 E	148	T		MERIBAH	95	136
47	Meringur	34 23 26 S	141 20 03 E	34 23.433 S	141 20.050 E	292	T		MERINGUR	122	110
48	Minyip	36 27 39 S	142 35 10 E	36 27.650 S	142 35.167 E	121	T		Minyip	343	147
49	Morgan	34 02 19 S	139 40 24 E	34 02.317 S	139 40.400 E	36	T		MORGAN	36	305
50	Morkalla	34 16 18 S	141 08 04 E	34 16.300 S	141 08.067 E	295	T		MORKALLA	102	104

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Elevation</i> <i>Feet</i>	<i>Codes</i> *	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
51	Mount Bryan	33 33 03 S	138 53 36 E	33 33.050 S	138 53.600 E	1696	T		MTBRYAN	126	312
52	Mount Mary	34 06 12 S	139 26 18 E	34 06.200 S	139 26.300 E	312	T		MTMARY	55	288
53	Nangiloc	34 28 16 S	142 21 09 E	34 28.267 S	142 21.150 E	171	T		NANGILOC	216	108
54	Notts Well	34 24 12 S	139 47 44 E	34 24.200 S	139 47.733 E	161	T		NOTTSWEL	32	230
55	Olary	32 16 40 S	140 20 01 E	32 16.667 S	140 20.017 E	932	TA	Af	OLARY	214	16
56	Old Koomooloo	33 33 28 S	139 42 14 E	33 33.467 S	139 42.233 E	325	TA	Af	OLDKOOM	76	345
57	Oodla Wirra	32 53 04 S	139 03 40 E	32 53.067 S	139 03.667 E	1663	T		ODDLAWIR	170	336
58	Orroroo	32 43 51 S	138 37 06 E	32 43.850 S	138 37.100 E	1378	T		ORROROO	208	329
59	Ouyen	35 04 22 S	142 19 22 E	35 04.367 S	142 19.367 E	190	T		OUYEN	232	124
60	Overland Corner	34 08 50 S	140 19 54 E	34 08.833 S	140 19.900 E	171	T		OVERLAND	28	90
61	Paringa	34 10 51 S	140 46 35 E	34 10.850 S	140 46.583 E	102	T		PARINGA	69	98
62	Paruna	34 43 10 S	140 43 50 E	34 43.167 S	140 43.833 E	197	T		PARUNA	88	141
63	Pata	34 33 57 S	140 31 15 E	34 33.950 S	140 31.250 E	154	T		PATA	62	142
64	Peebinga	34 55 48 S	140 54 51 E	34 55.800 S	140 54.850 E	236	T		PEEBINGA	116	144
65	Peterborough	32 58 23 S	138 50 16 E	32 58.383 S	138 50.267 E	1621	T		PETEBORO	174	329
66	Pinnaroo	35 15 40 S	140 54 02 E	35 15.667 S	140 54.033 E	348	T		PINNAROO	144	155
67	Plumbago	32 03 06 S	139 52 20 E	32 03.100 S	139 52.333 E	810	TA	Af	PLUMBAGO	238	5
68	Quorn	32 19 39 S	138 06 18 E	32 19.650 S	138 06.300 E	853	TA	Ap	QUORNAP	273	327
69	Rawnsley Park	31 39 21 S	138 36 25 E	31 39.350 S	138 36.417 E	1391	TA	Af	RAWNSLYP	311	343
70	Red Cliffs	34 18 29 S	142 11 12 E	34 18.483 S	142 11.200 E	161	T		REDCLIFF	199	103
71	Renmark	34 11 53 S	140 40 30 E	34 11.883 S	140 40.500 E	115	TA	Ap	RENMARK	60	100
72	Robinvale	34 35 14 S	142 46 14 E	34 35.233 S	142 46.233 E	213	T		ROBINVAL	256	109
73	<i>Start E1</i>	34 08 19 S	140 08 15 E	34 08.317 S	140 08.250 E	177	S		ST-E1	11	72
74	<i>Start E2</i>	34 11 28 S	140 04 50 E	34 11.467 S	140 04.833 E	187	S		ST-E2	5.0	106
75	<i>Start E3</i>	34 13 55 S	140 04 52 E	34 13.917 S	140 04.867 E	194	S		ST-E3	7.2	145
76	<i>Start N1</i>	34 08 17 S	140 00 13 E	34 08.283 S	140 00.217 E	128	S		ST-N1	5.6	346
77	<i>Start N2</i>	34 07 10 S	140 01 29 E	34 07.167 S	140 01.483 E	125	S		ST-N2	7.3	7
78	<i>Start N3</i>	34 07 38 S	140 05 19 E	34 07.633 S	140 05.317 E	157	S		ST-N3	8.6	50
79	<i>Start S1</i>	34 15 32 S	140 00 11 E	34 15.533 S	140 00.183 E	194	S		ST-S1	8.5	203
80	<i>Start S2</i>	34 16 18 S	139 54 51 E	34 16.300 S	139 54.850 E	135	S		ST-S2	14	235
81	<i>Start S3</i>	34 13 05 S	139 55 03 E	34 13.083 S	139 55.050 E	105	S		ST-S3	11	258
82	Sandalwood	34 56 46 S	140 07 43 E	34 56.767 S	140 07.717 E	187	T		SANDALWD	85	182
83	Spalding	33 29 58 S	138 36 21 E	33 29.967 S	138 36.350 E	932	T		SPALDING	152	308
84	Sunraysia	34 15 40 S	142 03 30 E	34 15.667 S	142 03.500 E	180	TA	Af	SUNRAY	187	102
85	Swan Reach	34 33 51 S	139 35 50 E	34 33.850 S	139 35.833 E	115	T		SWANRCH	58	231
86	Taldra	34 21 01 S	140 50 33 E	34 21.017 S	140 50.550 E	82	T		TALDRA	77	112
87	Taplan East	34 32 24 S	140 54 08 E	34 32.400 S	140 54.133 E	177	T		TAPLANE	90	125
88	Tenneco Station 5	31 58 12 S	139 12 32 E	31 58.200 S	139 12.533 E	676	TA	Af	TENNECO5	258	351
89	The Gums	33 51 19 S	139 21 20 E	33 51.317 S	139 21.333 E	36	T		THEGUMS	72	309
90	Waikerie Finish	34 11 06 S	140 01 37 E	34 11.100 S	140 01.617 E	148	HFA		WAIKERIE		
91	Walker Flat	34 45 13 S	139 34 08 E	34 45.217 S	139 34.133 E	52	T		WALKERFL	76	222

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Elevation</i> <i>Feet</i>	<i>Codes</i> *	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
92	Walpeup	35 08 13 S	142 01 20 E	35 08.217 S	142 01.333 E	400	T		WALPEP	211	129
93	Wanbi	34 45 58 S	140 18 13 E	34 45.967 S	140 18.217 E	262	T		WANBI	69	167
94	Wentworth	34 05 00 S	141 53 00 E	34 05.000 S	141 53.000 E	400	TA		WNTWRT	171	95
95	Wilmington	32 38 55 S	138 05 39 E	32 38.917 S	138 05.650 E	1063	T		WILMING	248	321
96	Wilpena	31 31 00 S	138 37 24 E	31 31.000 S	138 37.400 E	1706	TA	Af	WILPENA	324	344
97	Wirrabara	33 02 07 S	138 15 58 E	33 02.117 S	138 15.967 E	1089	T		WIRRABAR	207	316
98	Woolpunda	34 12 14 S	140 12 46 E	34 12.233 S	140 12.767 E	253	T		WOOLPUND	17	105
99	Worlds End	33 50 07 S	139 04 25 E	33 50.117 S	139 04.417 E	971	T		WORLDEND	96	302
100	Wunkar	34 29 24 S	140 18 04 E	34 29.400 S	140 18.067 E	200	T		WUNKAR	42	152
101	Yaapeet	35 46 13 S	142 03 03 E	35 46.217 S	142 03.050 E	400	T		YAAPET	255	143
102	Yamba	34 15 39 S	140 51 44 E	34 15.650 S	140 51.733 E	102	T	Roadhouse	YAMBA	77	105
103	Yarrara	34 24 14 S	141 25 26 E	34 24.233 S	141 25.433 E	299	T		YARRARA	131	110
104	Yunta	32 34 21 S	139 33 50 E	32 34.350 S	139 33.833 E	1007	TA	Af	YUNTA	184	355

Codes*

- A: Airport
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint