

Appendix 3

REDUCTION OF GRAVITY BASE TIE

BASE CONNECTION OBSERVATION -

NW TASMANIA PROJECT

E0037

AMG Z55

TIME=GMT+11h

M1.01196

Station No	Easting	Northing	Met Rdg	Met Hgt	Stn RL	Min	Hr	Day	Mth	YR	
1964919142	338400.00	5478300.00	3976.83	0.080	6.000	55	13	7	2	2008	Smithton A/P
1964919142	338400.00	5478300.00	3976.83	0.080	6.000	2	14	7	2	2008	Smithton A/P
2007519100	328796.38	5464154.14	3977.85	0.065	44.900	33	14	7	2	2008	SPM6596
2007519100	328796.38	5464154.14	3977.85	0.065	44.900	37	14	7	2	2008	SPM6596
1964919142	338400.00	5478300.00	3976.84	0.080	6.000	1	15	7	2	2008	Smithton A/P
1964919142	338400.00	5478300.00	3976.84	0.080	6.000	6	15	7	2	2008	Smithton A/P
2007519100	328796.38	5464154.14	3977.86	0.065	44.900	31	15	7	2	2008	SPM6596
2007519100	328796.38	5464154.14	3977.86	0.065	44.900	36	15	7	2	2008	SPM6596
1964919142	338400.00	5478300.00	3976.86	0.080	6.000	0	16	7	2	2008	Smithton A/P
1964919142	338400.00	5478300.00	3976.87	0.080	6.000	4	16	7	2	2008	Smithton A/P

REDUCTION OF BASE STATION CONNECTION

			ELAPSED	TIDE	LATITUDE	METER		STN	DRIFT	
STATION	EAST	NORTH	TIME (m)	COR'N	COR'N	HGT COR'N	DRIFT	ELEV'N	COR'D GRV	Location
1964919142	338400.00	5478300.00	0	0.15	980243.03	0.02	0.00	6.000	980276.05	Smithton
1964919142	338400.00	5478300.00	7	0.14	980243.03	0.02	0.00	6.000	980276.05	Smithton
2007519100	328796.38	5464154.14	38	0.13	980254.26	0.02	-0.01	44.900	980277.07	SPM6596
2007519100	328796.38	5464154.14	42	0.13	980254.26	0.02	-0.01	44.900	980277.07	SPM6596
1964919142	338400.00	5478300.00	66	0.12	980243.03	0.02	-0.02	6.000	980276.05	Smithton
1964919142	338400.00	5478300.00	71	0.12	980243.03	0.02	-0.02	6.000	980276.05	Smithton
2007519100	328796.38	5464154.14	96	0.10	980254.26	0.02	-0.03	44.900	980277.07	SPM6596
2007519100	328796.38	5464154.14	101	0.10	980254.26	0.02	-0.03	44.900	980277.07	SPM6596
1964919142	338400.00	5478300.00	125	0.08	980243.03	0.02	-0.04	6.000	980276.05	Smithton
1964919142	338400.00	5478300.00	129	0.07	980243.03	0.02	-0.03	6.000	980276.05	Smithton