

*** メンセキ ケイサン (ハイオウキヨホウ) ***

チクメイ ... ミヤコタマチク トチクカクセイリシキヨウ

レイ NO... 52BL

NO.	NO.	ANGLE	AZIMUTH	LENGTH	DX	*	DY	*	X	Y	DMD	2A	カ-フメニセキ
52BL-19	52BL- 1		135 38 32						-130679.954	-68935.397			
52BL- 1	52BL- 2	90 0 54	45 39 26	26.321	18.397	0	18.824	0	-130661.557	-68916.573	32.850	604.341450	
52BL- 2	52BL- 3	227 23 40	93 3 6	121.327	-6.459	0	121.155	0	-130668.016	-68795.418	172.829	-1116.302511	
52BL- 3	52BL- 4	141 9 42	54 12 48	5.004	2.926	0	4.059	0	-130665.090	-68791.359	298.043	872.073818	
52BL- 4	52BL- 5	142 23 1	16 35 49	26.215	25.123	0	7.488	0	-130639.967	-68783.871	309.590	7777.829570	
52BL- 5	52BL- 6	136 1 14	332 37 3	4.983	4.425	0	-2.292	0	-130635.542	-68786.163	314.786	1392.928050	
52BL- 6	52BL- 7	132 17 0	284 54 3	11.460	2.947	0	-11.075	0	-130632.595	-68797.238	301.419	888.281793	
52BL- 7	52BL- 8	179 17 32	284 11 35	10.996	2.696	0	-10.660	0	-130629.899	-68807.898	279.684	754.028064	
52BL- 8	52BL- 9	179 24 7	283 35 42	10.993	2.584	0	-10.685	0	-130627.315	-68818.583	258.339	667.547976	
52BL- 9	52BL-10	179 13 51	282 49 33	10.987	2.439	0	-10.713	0	-130624.876	-68829.296	236.941	577.899099	
52BL-10	52BL-11	179 22 6	282 11 39	10.993	2.322	0	-10.745	0	-130622.554	-68840.041	215.483	500.351526	
52BL-11	52BL-12	179 26 27	281 38 6	10.993	2.217	0	-10.767	0	-130620.337	-68850.808	193.971	430.033707	
52BL-12	52BL-13	179 19 39	280 57 45	10.996	2.091	0	-10.795	0	-130618.246	-68861.603	172.409	360.507219	
52BL-13	52BL-14	179 23 44	280 21 29	10.990	1.976	0	-10.811	0	-130616.270	-68872.414	150.803	297.986728	
52BL-14	52BL-15	179 37 30	279 58 59	15.956	2.766	0	-15.714	0	-130613.504	-68888.128	124.278	343.752948	
52BL-15	52BL-16	152 46 15	252 45 14	11.994	-3.556	0	-11.455	0	-130617.060	-68899.583	97.109	-345.319604	
52BL-16	52BL-17	152 58 0	225 43 14	63.212	-44.132	0	-45.256	0	-130661.192	-68944.839	40.398	-1782.844536	
52BL-17	52BL-18	180 11 36	225 54 50	3.192	-2.221	0	-2.293	0	-130663.413	-68947.132	-7.151	15.882371	
52BL-18	52BL-19	180 17 10	226 12 0	3.174	-2.197	0	-2.291	0	-130665.610	-68949.423	-11.735	25.781795	
52BL-19	52BL- 1	89 26 32	135 38 32	20.062	-14.344	0	14.026	0	-130679.954	-68935.397	0.000	0.000000	
TOTAL..	ソツカクスウ= 19	3060 0 0		389.848	0.000	0	0.000	0			ハイメンセキ=	12264.759463	
											1/2=	6132.37	+0.00
											メンセキ=	6132.37	

*** メンセキ ケイザン (ハ"イオウキヨホウ) ***

チクメイ ... ミヤコタ"チク トチクカクセイリシ"キ"ヨウ

セリ NO... 52BL(1) ✓

NO.	INO.	ANGLE	AZIMUTH	LENGTH	DX	*	DY	*	X	Y	DMD	2A	カ-ク"メンセキ
52BL-19	52BL- 1 ✓		135 38 32						-130679.954	-68935.397			
52BL- 1	52BL- 2 ✓	90 0 54	45 39 26 ✓	26.321 ✓	18.397	0	18.824	0	-130661.557	-68916.573	32.850	604.341450	
52BL- 2	52BL-31 ✓	227 23 40	93 3 6 ✓	24.381 ✓	-1.298	0	24.346	1	-130662.855	-68892.226	76.021	-98.675258	
52BL-31	52BL-45 ✓	90 6 52	3 9 58 ✓	19.989 ✓	19.958	0	1.104	0	-130642.897	-68891.122	101.472	2025.178176	
52BL-45	52BL-44 ✓	133 1 39	316 11 37 ✓	24.405 ✓	17.613	0	-16.894	0	-130625.284	-68908.016	85.682	1509.117066	
52BL-44	52BL-17 ✓	89 31 37	225 43 14 ✓	51.433 ✓	-35.908	0	-36.823	0	-130661.192	-68944.839	31.965	-1147.799220	
52BL-17	52BL-18 ✓	180 11 36	225 54 50 ✓	3.192 ✓	-2.221	0	-2.293	0	-130663.413	-68947.132	-7.151	15.882371	
52BL-18	52BL-19 ✓	180 17 10	226 12 0 ✓	3.174 ✓	-2.197	0	-2.291	0	-130665.610	-68949.423	-11.735	25.781795	
52BL-19	52BL- 1 ✓	89 26 32	135 38 32 ✓	20.062 ✓	-14.344	0	14.026	0	-130679.954	-68935.397	0.000	0.000000	
TOTAL..	ソツカクスク=	8	1080 0 0		172.957	0	0 // -0.001	1 //			ハ"イメンセキ=	2933.826380	
											1/2=	1466.91	+0.00
											メンセキ=	1466.91 ✓	

セリ NO... 52BL(2) ✓

52BL-44	52BL-45 ✓		136 11 37						-130642.897	-68891.122			
52BL-45	52BL-46 ✓	136 51 29	93 3 6 ✓	11.742 ✓	-0.625	0	11.725	0	-130643.522	-68879.397	28.619	-17.886875	
52BL-46	52BL-43 ✓	90 0 0	3 3 6 ✓	28.256 ✓	28.216	0	1.504	0	-130615.306	-68877.893	41.848	1180.783168	
52BL-43	52BL-15 ✓	96 55 53	279 58 59 ✓	10.393 ✓	1.802	0	-10.236	1	-130613.504	-68888.128	33.117	59.676834	
52BL-15	52BL-16 ✓	152 46 15	252 45 14 ✓	11.994 ✓	-3.556	0	-11.455	0	-130617.060	-68899.583	11.427	-40.634412	
52BL-16	52BL-44 ✓	152 58 0	225 43 14 ✓	11.779 ✓	-8.224	0	-8.433	0	-130625.284	-68908.016	-8.461	69.583264	
52BL-44	52BL-45 ✓	90 28 23	136 11 37 ✓	24.405 ✓	-17.613	0	16.894	0	-130642.897	-68891.122	0.000	0.000000	
TOTAL..	ソツカクスク=	6	720 0 0		98.569	0	0 // -0.001	1 //			ハ"イメンセキ=	1251.521979	
											1/2=	625.76	+0.00
											メンセキ=	625.76 ✓	

*** メンセキ ケイサン (ハ"イオウキヨホウ) ***

チクメイ ... ミヤコタ"チク トチクカクセイリシ"キ"ヨウ

セリ NO... 52BL(3) ✓

NO.	NO.	ANGLE	AZIMUTH			LENGTH	DX	*	DY	*	X	Y	DMD	2A	カ-フ"メンセキ
52BL-43	52BL-46 ✓		183	3	6						-130643.522	-68879.397			
52BL-46	52BL-48 ✓	90 0 0	93	3	6 ✓	15.420 ✓	-0.821	1	15.398	0	-130644.342	-68863.999	13.894	-11.393080	
52BL-48	52BL-42 ✓	90 0 0	3	3	6 ✓	26.315 ✓	26.278	0	1.401	1	-130618.064	-68862.597	30.694	806.576932	
52BL-42	52BL-14 ✓	97 18 23	280	21	29 ✓	9.979 ✓	1.794	0	-9.816	-1	-130616.270	-68872.414	22.279	39.968526	
52BL-14	52BL-43 ✓	179 37 30	279	58	59 ✓	5.563 ✓	0.964	0	-5.479	0	-130615.306	-68877.893	6.983	6.731612	
52BL-43	52BL-46 ✓	83 4 7	183	3	6 ✓	28.256 ✓	-28.216	0	-1.504	0	-130643.522	-68879.397	0.000	0.000000	
TOTAL..	ソツカクスク= 5	540 0 0				85.533	-0.001	1 ✓	0.000	0 ✓					
													ハ"イメンセキ=	841.883990	
													1/2=	420.94	+0.00
													メンセキ=	420.94 ✓	

セリ NO... 52BL(4) ✓

52BL-42	52BL-48 ✓		183	3	6						-130644.342	-68863.999			
52BL-48	52BL-49 ✓	90 0 0	93	3	6 ✓	0.781 ✓	-0.042	0	0.780	0	-130644.384	-68863.219	-0.622	0.026124	
52BL-49	52BL-41 ✓	90 0 0	3	3	6 ✓	26.215 ✓	26.178	0	1.396	0	-130618.206	-68861.823	1.554	40.680612	
52BL-41	52BL-42 ✓	97 18 23	280	21	29 ✓	0.787 ✓	0.142	0	-0.774	0	-130618.064	-68862.597	2.176	0.308992	
52BL-42	52BL-48 ✓	82 41 37	183	3	6 ✓	26.315 ✓	-26.278	0	-1.401	-1	-130644.342	-68863.999	0.000	0.000000	
TOTAL..	ソツカクスク= 4	360 0 0				54.098	0.000	0 ✓	0.001	-1 ✓					
													ハ"イメンセキ=	41.015728	
													1/2=	20.50	+0.00
													メンセキ=	20.50 ✓	

*** メンセキ ケイサン (ハ"イオウキヨホウ) ***

チクメイ ... ミヤコタ"チク トチクカクセイリシ"キ"ヨウ

セリ NO... 52BL(5) ✓

NO.	NO.	ANGLE	AZIMUTH			LENGTH	DX	*	DY	*	X	Y.	DMD	2A	カ-フ"メンセキ
52BL-41	52BL-49 ✓		183	3	6						-130644.384	-68863.219			
52BL-49	52BL-61 ✓	90 0 0	93	3	6 ✓	8.349 ✓	-0.444	-1	8.337	1	-130644.829	-68854.881	6.942	-3.089190	
52BL-61	52BL-59 ✓	90 0 0	3	3	6 ✓	25.059 ✓	25.023	0	1.334	0	-130619.806	-68853.547	16.614	415.732122	
52BL-59	52BL-13 ✓	97 54 39	280	57	45 ✓	8.206 ✓	1.561	-1	-8.056	0	-130618.246	-68861.603	9.892	15.431520	
52BL-13	52BL-41 ✓	179 23 44	280	21	29 ✓	0.224 ✓	0.040	0	-0.220	0	-130618.206	-68861.823	1.616	0.064640	
52BL-41	52BL-49 ✓	82 41 37	183	3	6 ✓	26.215 ✓	-26.178	0	-1.396	0	-130644.384	-68863.219	0.000	0.000000	
TOTAL...	ソツカク入=	5	540	0	0	68.053	0.002	-2 ✓	-0.001	1 ✓			ハ"イメンセキ=	428.139092	
													1/2=	214.06	+0.00
													メンセキ=	214.06 ✓	

セリ NO... 52BL(6) ✓

52BL-59	52BL-61 ✓		183	3	6						-130644.829	-68854.881			
52BL-61	52BL-62 ✓	90 0 0	93	3	6 ✓	2.976 ✓	-0.158	0	2.972	0	-130644.987	-68851.909	1.638	-0.258804	
52BL-62	52BL-63 ✓	90 0 0	3	3	6 ✓	24.642 ✓	24.607	0	1.312	-1	-130620.380	-68850.598	5.921	145.698047	
52BL-63	52BL-12 ✓	98 35 0	281	38	6 ✓	0.214 ✓	0.043	0	-0.210	0	-130620.337	-68850.808	7.022	0.301946	
52BL-12	52BL-59 ✓	179 19 39	280	57	45 ✓	2.790 ✓	0.531	0	-2.739	0	-130619.806	-68853.547	4.073	2.162763	
52BL-59	52BL-61 ✓	82 5 21	183	3	6 ✓	25.059 ✓	-25.023	0	-1.334	0	-130644.829	-68854.881	0.000	0.000000	
TOTAL...	ソツカク入=	5	540	0	0	55.681	0.000	0 ✓	0.001	-1 ✓			ハ"イメンセキ=	147.903952	
													1/2=	73.95	+0.00
													メンセキ=	73.95 ✓	

*** メンセキ ケイサン (ハ"イオウキヨホウ) ***

チクメイ ... ミヤコタ"チク トチクカクセイリシ"キ"ヨウ

セリ NO... 52BL(7) ✓

NO.	NO.	ANGLE	AZIMUTH	LENGTH	DX	*	DY	*	X	Y	D.MD	2A	カ-フ"メンセキ
52BL-63	52BL-62 ✓		183 3 6						-130644.987	-68851.909			
52BL-62	52BL-53 ✓	90 0 0	93 3 6 ✓	22.000 ✓	-1.171	-1	21.969	0	-130646.159	-68829.940	20.658	-24.21117.6	
52BL-53	52BL-38 ✓	90 30 16	3 33 22 ✓	21.172 ✓	21.131	0	1.313	0	-130625.028	-68828.627	43.940	928.496140	
52BL-38	52BL-10 ✓	99 16 11	282 49 33 ✓	0.686 ✓	0.152	0	-0.669	0	-130624.876	-68829.296	44.584	6.776768	
52BL-10	52BL-11 ✓	179 22 6	282 11 39 ✓	10.993 ✓	2.322	0	-10.745	0	-130622.554	-68840.041	33.170	77.020740	
52BL-11	52BL-63 ✓	179 26 27	281 38 6 ✓	10.779 ✓	2.174	0	-10.558	1	-130620.380	-68850.598	11.868	25.801032	
52BL-63	52BL-62 ✓	81 25 0	183 3 6 ✓	24.642 ✓	-24.607	0	-1.312	1	-130644.987	-68851.909	0.000	0.000000	
TOTAL..	ソツカクスウ= 6	720 0 0		90.272	0.001	-1 ✓	-0.002	2 ✓			ハ"イメンセキ=	1013.883504	
											1/2=	506.94	+0.00
											メンセキ=	506.94 ✓	

セリ NO... 52BL(8) ✓

52BL-38	52BL-54 ✓		183 33 22						-130651.906	-68830.297			
52BL-54	52BL-64 ✓	87 37 17	91 10 39 ✓	26.705 ✓	-0.549	0	26.699	0	-130652.455	-68803.598	25.029	-13.740921	
52BL-64	52BL-65 ✓	91 52 27	3 3 6 ✓	21.213 ✓	21.183	0	1.129	0	-130631.272	-68802.469	52.857	1119.669831	
52BL-65	52BL- 8 ✓	101 8 29	284 11 35 ✓	5.600 ✓	1.373	0	-5.429	0	-130629.899	-68807.898	48.557	66.668761	
52BL- 8	52BL- 9 ✓	179 24 7	283 35 42 ✓	10.993 ✓	2.584	0	-10.685	0	-130627.315	-68818.583	32.443	83.832712	
52BL- 9	52BL-38 ✓	179 13 51	282 49 33 ✓	10.301 ✓	2.287	0	-10.044	0	-130625.028	-68828.627	11.714	26.789918	
52BL-38	52BL-54 ✓	80 43 49	183 33 22 ✓	26.930 ✓	-26.878	0	-1.670	0	-130651.906	-68830.297	0.000	0.000000	
TOTAL..	ソツカクスウ= 6	720 0 0		101.742	0.000	0 ✓	0.000	0 ✓			ハ"イメンセキ=	1283.220301	
											1/2=	641.61	+0.00
											メンセキ=	641.61 ✓	
												<u>641.61</u>	
												- 0.01 ✓	
												641.60 ✓	

*** ムンセキ ケイサン (ハ"イオウキヨホウ) ***

チクメイ ... ミヤコタ"チク トチクカクセイリシ"キ"ヨウ

セリ NO... 52BL(9) ✓

NO.	NO.	ANGLE	AZIMUTH			LENGTH	DX	*	DY	*	X	Y	DMD	2A	カ-フ"ムンセキ
52BL-65	52BL-66 ✓		183	3	6						-130667.538	-68804.402			
52BL-66	52BL-3 ✓	90 0 0	93	3	6 ✓	8.997 ✓	-0.479	1	8.984	0	-130668.016	-68795.418	7.051	-3.370378	
52BL-3	52BL-4 ✓	141 9 42	54	12	48 ✓	5.004 ✓	2.926	0	4.059	0	-130665.090	-68791.359	20.094	58.795044	
52BL-4	52BL-5 ✓	142 23 1	16	35	49 ✓	26.215 ✓	25.123	0	7.488	0	-130639.967	-68783.871	31.641	794.916843	
52BL-5	52BL-6 ✓	136 1 14	332	37	3 ✓	4.983 ✓	4.425	0	-2.292	0	-130635.542	-68786.163	36.837	163.003725	
52BL+6	52BL-7 ✓	132 17 0	284	54	3 ✓	11.460 ✓	2.947	0	-11.075	0	-130632.595	-68797.238	23.470	69.166090	
52BL-7	52BL-65 ✓	179 17 32	284	11	35 ✓	5.396 ✓	1.323	0	-5.231	0	-130631.272	-68802.469	7.164	9.477972	
52BL-65	52BL-66 ✓	78 51 31	183	3	6 ✓	36.317 ✓	-36.266	0	-1.933	0	-130667.538	-68804.402	0.000	0.000000	
TOTAL..	ソツカクス= 7	900 0 0				98.372	-0.001	1 ✓	0.000	0 ✓			ハイムンセキ=	1091.989296	
													1/2=	545.99	+0.00
													ムンセキ=	545.99 ✓	

セリ NO... 52BL(10) ✓

52BL-54	52BL-35 ✓		183	33	22						-130666.110	-68831.180			
52BL-35	52BL-66 ✓	89 29 44	93	3	6 ✓	26.816 ✓	-1.428	0	26.778	0	-130667.538	-68804.402	25.895	-36.978060	
52BL-66	52BL-64 ✓	90 0 0	3	3	6 ✓	15.104 ✓	15.083	0	0.804	0	-130652.455	-68803.598	53.477	806.593591	
52BL-64	52BL-54 ✓	88 7 33	271	10	39 ✓	26.705 ✓	0.549	0	-26.699	0	-130651.906	-68830.297	27.582	15.142518	
52BL-54	52BL-35 ✓	92 22 43	183	33	22 ✓	14.231 ✓	-14.204	0	-0.883	0	-130666.110	-68831.180	0.000	0.000000	
TOTAL..	ソツカクス= 4	360 0 0				82.856	0.000	0 ✓	0.000	0 ✓			ハイムンセキ=	784.758049	
													1/2=	392.37	+0.00
													ムンセキ=	392.37 ✓	

*** メンセキ ケイサン (ハイイウキヨホウ) ***

チクメイ ... ミヤコタチク トチクカクセイリシキヨウ

ペリ NO... 52BL(11) ✓

NO.	NO.	ANGLE	AZIMUTH	LENGTH	DX	*	DY	*	X	Y	DMD	2A	カ-フメンセキ
52BL-61	52BL-58 ✓		183 3 6						-130664.789	-68855.945			
52BL-58	52BL-35 ✓	90 0 0	93 3 6 ✓	24.801 ✓	-1.320	-1	24.766	-1	-130666.110	-68831.180	23.701	-31.309021	
52BL-35	52BL-53 ✓	90 30 16	3 33 22 ✓	19.989 ✓	19.951	0	1.240	0	-130646.159	-68829.940	49.706	991.684406	
52BL-53	52BL-61 ✓	89 29 44	273 3 6 ✓	24.976 ✓	1.330	0	-24.941	0	-130644.829	-68854.881	26.005	34.586650	
52BL-61	52BL-58 ✓	90 0 0	183 3 6 ✓	19.988 ✓	-19.960	0	-1.064	0	-130664.789	-68855.945	0.000	0.000000	
TOTAL...	ソツカクスウ= 4	360 0 0		89.754	0.001	-1 ✓	0.001	-1 ✓			ハイイメンセキ=	994.962035	
											1/2=	497.48	+0.00
											メンセキ=	497.48 ✓	

ペリ NO... 52BL(12) ✓

52BL-50	52BL-33 ✓		183 3 6						-130664.573	-68860.011			
52BL-33	52BL-58 ✓	90 0 0	93 3 6 ✓	4.071 ✓	-0.217	1	4.065	1	-130664.789	-68855.945	3.002	-0.648432	
52BL-58	52BL-61 ✓	90 0 0	3 3 6 ✓	19.988 ✓	19.960	0	1.064	0	-130644.829	-68854.881	8.132	162.314720	
52BL-61	52BL-50 ✓	90 0 0	273 3 6 ✓	4.071 ✓	0.217	0	-4.065	-1	-130644.612	-68858.947	5.130	1.113210	
52BL-50	52BL-33 ✓	90 0 0	183 3 6 ✓	19.989 ✓	-19.961	0	-1.064	0	-130664.573	-68860.011	0.000	0.000000	
TOTAL...	ソツカクスウ= 4	360 0 0		48.119	-0.001	1 ✓	0.000	0 ✓			ハイイメンセキ=	162.779498	
											1/2=	81.38	+0.00
											メンセキ=	81.38 ✓	

*** メンセキ ケイサン (ハイオウキヨホウ) ***

チクメイ ... ミヤコタチク トチクカクセイリシキヨウ

セリ NO... 52BL(13) ✓

NO.	INO.	ANGLE	AZIMUTH	LENGTH	DX	*	DY	*	X	Y.	DMD	2A	カ-フメンセキ
52BL-47	52BL-32 ✓		183 3 6						-130663.715	-68876.108			
52BL-32	52BL-33 ✓	90 0 0	93 3 6 ✓	16.120 ✓	-0.858	0	16.097	0	-130664.573	-68860.011	15.033	-12.898314	
52BL-33	52BL-50 ✓	90 0 0	3 3 6 ✓	19.989 ✓	19.961	0	1.064	0	-130644.612	-68858.947	32.194	642.624434	
52BL-50	52BL-47 ✓	90 0 0	273 3 6 ✓	16.120 ✓	0.858	0	-16.097	0	-130643.754	-68875.044	17.161	14.724138	
52BL-47	52BL-32 ✓	90 0 0	183 3 6 ✓	19.989 ✓	-19.961	0	-1.064	0	-130663.715	-68876.108	0.000	0.000000	
TOTAL...	ソツカクスウ= 4	360 0 0		72.218	0.000	0 ✓	0.000	0 ✓			ハイメンセキ=	644.450258	
											1/2=	322.22	+0.00
											メンセキ=	322.22 ✓	

セリ NO... 52BL(14) ✓

52BL-45	52BL-31 ✓		183 9 58						-130662.855	-68892.226			
52BL-31	52BL-32 ✓	89 53 8	93 3 6 ✓	16.141 ✓	-0.859	-1	16.118	0	-130663.715	-68876.108	15.014	-12.912040	
52BL-32	52BL-47 ✓	90 0 0	3 3 6 ✓	19.989 ✓	19.961	0	1.064	0	-130643.754	-68875.044	32.196	642.664356	
52BL-47	52BL-45 ✓	90 0 0	273 3 6 ✓	16.101 ✓	0.857	0	-16.078	0	-130642.897	-68891.122	17.182	14.724974	
52BL-45	52BL-31 ✓	90 6 52	183 9 58 ✓	19.989 ✓	-19.958	0	-1.104	0	-130662.855	-68892.226	0.000	0.000000	
TOTAL...	ソツカクスウ= 4	360 0 0		72.220	0.001	-1 ✓	0.000	0 ✓			ハイメンセキ=	644.477290	
											1/2=	322.23	+0.00
											メンセキ=	322.23 ✓	

*** ケツコウ トラハース ***

チクメイ . . . ミヤコタチク トチクカクセイリシキヨウ

NO.	NO.	ANGLE *	AZIMUTH	LENGTH	DX *	DY *	X	Y	NO.
	52BL- 2 ✓						-130661.557	-68916.573	52BL- 2
52BL- 2	52BL-31 ✓		93 3 6 ✓	24.381 ✓	-1.298 0	24.346 1	-130662.855	-68892.226	52BL-31
52BL-31	52BL-32 ✓	180 0 0	93 3 6 ✓	16.141 ✓	-0.859 -1	16.118 0	-130663.715	-68876.108	52BL-32
52BL-32	52BL-33 ✓	180 0 0	93 3 6 ✓	16.120 ✓	-0.858 0	16.097 0	-130664.573	-68860.011	52BL-33
52BL-33	52BL-58 ✓	180 0 0	93 3 6 ✓	4.071 ✓	-0.217 1	4.065 1	-130664.789	-68855.945	52BL-58
52BL-58	52BL-35 ✓	180 0 0	93 3 6 ✓	24.801 ✓	-1.320 -1	24.766 -1	-130666.110	-68831.180	52BL-35
52BL-35	52BL-66 ✓	180 0 0	93 3 6 ✓	26.816 ✓	-1.428 0	26.778 0	-130667.538	-68804.402	52BL-66
52BL-66	52BL- 3 ✓	180 0 0	93 3 6 ✓	8.997 ✓	-0.479 1	8.984 0	-130668.016	-68795.418	52BL- 3
	TOTAL..	1080 0 0		121.327 ✓	-6.459 0 ✓	121.154 1 ✓			
	52BL- 7 ✓						-130632.595	-68797.238	52BL- 7
52BL- 7	52BL-65 ✓		284 11 35 ✓	5.396 ✓	1.323 0	-5.231 0	-130631.272	-68802.469	52BL-65
52BL-65	52BL- 8 ✓	180 0 0	284 11 35 ✓	5.600 ✓	1.373 0	-5.429 0	-130629.899	-68807.898	52BL- 8
	TOTAL...	180 0 0		10.996 ✓	2.696 0 ✓	-10.660 0 ✓			
	52BL- 9 ✓						-130627.315	-68818.583	52BL- 9
52BL- 9	52BL-38 ✓		282 49 33 ✓	10.301 ✓	2.287 0	-10.044 0	-130625.028	-68828.627	52BL-38
52BL-38	52BL-10 ✓	180 0 0	282 49 33 ✓	0.686 ✓	0.152 0	-0.669 0	-130624.876	-68829.296	52BL-10
	TOTAL...	180 0 0		10.987 ✓	2.439 0 ✓	-10.713 0 ✓			
	52BL-11 ✓						-130622.554	-68840.041	52BL-11
52BL-11	52BL-63 ✓		281 38 6 ✓	10.779 ✓	2.174 0	-10.558 1	-130620.380	-68850.598	52BL-63
52BL-63	52BL-12 ✓	180 0 0	281 38 6 ✓	0.214 ✓	0.043 0	-0.210 0	-130620.337	-68850.808	52BL-12
	TOTAL..	180 0 0		10.993 ✓	2.217 0 ✓	-10.768 1 ✓			

*** ケツコウ トラハース ***

チクメイ . . . ミヤコタチク トチクカクセイリシキキヨウ

NO.	NO.	ANGLE *	AZIMUTH	LENGTH	DX *	DY *	X	Y	NO.
52BL-48	52BL-49 ✓	180 0 0	93 3 6 ✓	0.781 ✓	-0.042 0	0.780 0	-130644.384	-68863.219	52BL-49
52BL-49	52BL-61 ✓	180 0 0	93 3 6 ✓	8.349 ✓	-0.444 -1	8.337 1	-130644.829	-68854.881	52BL-61
52BL-61	52BL-62 ✓	180 0 0	93 3 6 ✓	2.976 ✓	-0.158 0	2.972 0	-130644.987	-68851.909	52BL-62
52BL-62	52BL-53 ✓	180 0 0	93 3 6 ✓	22.000 ✓	-1.171 -1	21.969 0	-130646.159	-68829.940	52BL-53
	TOTAL..	900 0 0		61.268 ✓	-3.261 -1 ✓	61.181 1 ✓			
	52BL-45 ✓						-130642.897	-68891.122	52BL-45
52BL-45	52BL-47 ✓		93 3 6 ✓	16.101 ✓	-0.857 0	16.078 0	-130643.754	-68875.044	52BL-47
52BL-47	52BL-50 ✓	180 0 0	93 3 6 ✓	16.120 ✓	-0.858 0	16.097 0	-130644.612	-68858.947	52BL-50
52BL-50	52BL-61 ✓	180 0 0	93 3 6 ✓	4.071 ✓	-0.217 0	4.065 1	-130644.829	-68854.881	52BL-61
52BL-61	52BL-53 ✓	180 0 0	93 3 6 ✓	24.976 ✓	-1.330 0	24.941 0	-130646.159	-68829.940	52BL-53
	TOTAL..	540 0 0		61.268 ✓	-3.262 0 ✓	61.181 1 ✓			
	52BL-45 ✓						-130642.897	-68891.122	52BL-45
52BL-45	52BL-46 ✓		93 3 6 ✓	11.742 ✓	-0.625 0	11.725 0	-130643.522	-68879.397	52BL-46
52BL-46	52BL-47 ✓	180 0 0	93 3 6 ✓	4.359 ✓	-0.232 0	4.353 0	-130643.754	-68875.044	52BL-47
52BL-47	52BL-48 ✓	180 0 0	93 3 6 ✓	11.061 ✓	-0.589 1	11.045 0	-130644.342	-68863.999	52BL-48
52BL-48	52BL-49 ✓	180 0 0	93 3 6 ✓	0.781 ✓	-0.042 0	0.780 0	-130644.384	-68863.219	52BL-49
52BL-49	52BL-50 ✓	180 0 0	93 3 6 ✓	4.278 ✓	-0.228 0	4.272 0	-130644.612	-68858.947	52BL-50
52BL-50	52BL-61 ✓	180 0 0	93 3 6 ✓	4.071 ✓	-0.217 0	4.065 1	-130644.829	-68854.881	52BL-61
52BL-61	52BL-62 ✓	180 0 0	93 3 6 ✓	2.976 ✓	-0.158 0	2.972 0	-130644.987	-68851.909	52BL-62
52BL-62	52BL-53 ✓	180 0 0	93 3 6 ✓	22.000 ✓	-1.171 -1	21.969 0	-130646.159	-68829.940	52BL-53
	TOTAL..	1260 0 0		61.268 ✓	-3.262 0 ✓	61.181 1 ✓			

*** ケツコウ トラハ-ス ***

チクメイ . . . ミヤコタチク トチクカクセイリシキヨウ

NO.	NO.	ANGLE *	AZIMUTH	LENGTH	DX	* DY	* X	Y	NO.	
	52BL-12 ✓							-130620.337	-68850.808	52BL-12
52BL-12	52BL-59 ✓		280 57 45 ✓	2.790 ✓	0.531	0 -2.739	0	-130619.806	-68853.547	52BL-59
52BL-59	52BL-13 ✓	180 0 0	280 57 45 ✓	8.206 ✓	1.561	-1 -8.056	0	-130618.246	-68861.603	52BL-13
	TOTAL..	180 0 0		10.996 ✓	2.092	-1 ✓ -10.795	0 ✓			
	52BL-13 ✓							-130618.246	-68861.603	52BL-13
52BL-13	52BL-41 ✓		280 21 29 ✓	0.224 ✓	0.040	0 -0.220	0	-130618.206	-68861.823	52BL-41
52BL-41	52BL-42 ✓	180 0 0	280 21 29 ✓	0.787 ✓	0.142	0 -0.774	0	-130618.064	-68862.597	52BL-42
52BL-42	52BL-14 ✓	180 0 0	280 21 29 ✓	9.979 ✓	1.794	0 -9.816	-1	-130616.270	-68872.414	52BL-14
	TOTAL..	360 0 0		10.990 ✓	1.976	0 ✓ -10.810	-1 ✓			
	52BL-14 ✓							-130616.270	-68872.414	52BL-14
52BL-14	52BL-43 ✓		279 58 59 ✓	5.563 ✓	0.964	0 -5.479	0	-130615.306	-68877.893	52BL-43
52BL-43	52BL-15 ✓	180 0 0	279 58 59 ✓	10.393 ✓	1.802	0 -10.236	1	-130613.504	-68888.128	52BL-15
	TOTAL...	180 0 0		15.956 ✓	2.766	0 ✓ -15.715	1 ✓			
	52BL-16 ✓							-130617.060	-68899.583	52BL-16
52BL-16	52BL-44 ✓		225 43 14 ✓	11.779 ✓	-8.224	0 -8.433	0	-130625.284	-68908.016	52BL-44
52BL-44	52BL-17 ✓	180 0 0	225 43 14 ✓	51.433 ✓	-35.908	0 -36.823	0	-130661.192	-68944.839	52BL-17
	TOTAL...	180 0 0		63.212 ✓	-44.132	0 ✓ -45.256	0 ✓			
	52BL-45 ✓							-130642.897	-68891.122	52BL-45
52BL-45	52BL-46 ✓		93 3 6 ✓	11.742 ✓	-0.625	0 11.725	0	-130643.522	-68879.397	52BL-46
52BL-46	52BL-48 ✓	180 0 0	93 3 6 ✓	15.420 ✓	-0.821	1 15.398	0	-130644.342	-68863.999	52BL-48

チクメイ ... ミヤコタチク トチクカクセイリシキヨウ

NO.	NO.	ANGLE *	AZIMUTH	LENGTH	DX	*	DY	*	X	Y	NO.
	52BL-35 ✓								-130666.110	-68831.180	52BL-35
52BL-35	52BL-53 ✓		3 33 22 ✓	19.989 ✓	19.951	0	1.240	0	-130646.159	-68829.940	52BL-53
52BL-53	52BL-38 ✓	180 0 0	3 33 22 ✓	21.172 ✓	21.131	0	1.313	0	-130625.028	-68828.627	52BL-38
	TOTAL..	180 0 0		41.161 ✓	41.082	0 ✓	2.553	0 ✓			
	52BL-35 ✓								-130666.110	-68831.180	52BL-35
52BL-35	52BL-54 ✓		3 33 22 ✓	14.231 ✓	14.204	0	0.883	0	-130651.906	-68830.297	52BL-54
52BL-54	52BL-38 ✓	180 0 0	3 33 22 ✓	26.930 ✓	26.878	0	1.670	0	-130625.028	-68828.627	52BL-38
	TOTAL..	180 0 0		41.161 ✓	41.082	0 ✓	2.553	0 ✓			
	52BL-35 ✓								-130666.110	-68831.180	52BL-35
52BL-35	52BL-54 ✓		3 33 22 ✓	14.231 ✓	14.204	0	0.883	0	-130651.906	-68830.297	52BL-54
52BL-54	52BL-53 ✓	180 0 0	3 33 22 ✓	5.758 ✓	5.747	0	0.357	0	-130646.159	-68829.940	52BL-53
52BL-53	52BL-38 ✓	180 0 0	3 33 22 ✓	21.172 ✓	21.131	0	1.313	0	-130625.028	-68828.627	52BL-38
	TOTAL..	360 0 0		41.161 ✓	41.082	0 ✓	2.553	0 ✓			
	52BL-66 ✓								-130667.538	-68804.402	52BL-66
52BL-66	52BL-64 ✓		3 3 6 ✓	15.104 ✓	15.083	0	0.804	0	-130652.455	-68803.598	52BL-64
52BL-64	52BL-65 ✓	180 0 0	3 3 6 ✓	21.213 ✓	21.183	0	1.129	0	-130631.272	-68802.469	52BL-65
	TOTAL..	180 0 0		36.317 ✓	36.266	0 ✓	1.933	0 ✓			
	52BL-66 ✓								-130667.538	-68804.402	52BL-66
52BL-66	52BL-65 ✓		3 3 6	36.317	36.266	0	1.933	0	-130631.272	-68802.469	52BL-65
	TOTAL..	0 0 0		36.317	36.266	0	1.933	0			