

Figure 4: Line 3 geometry

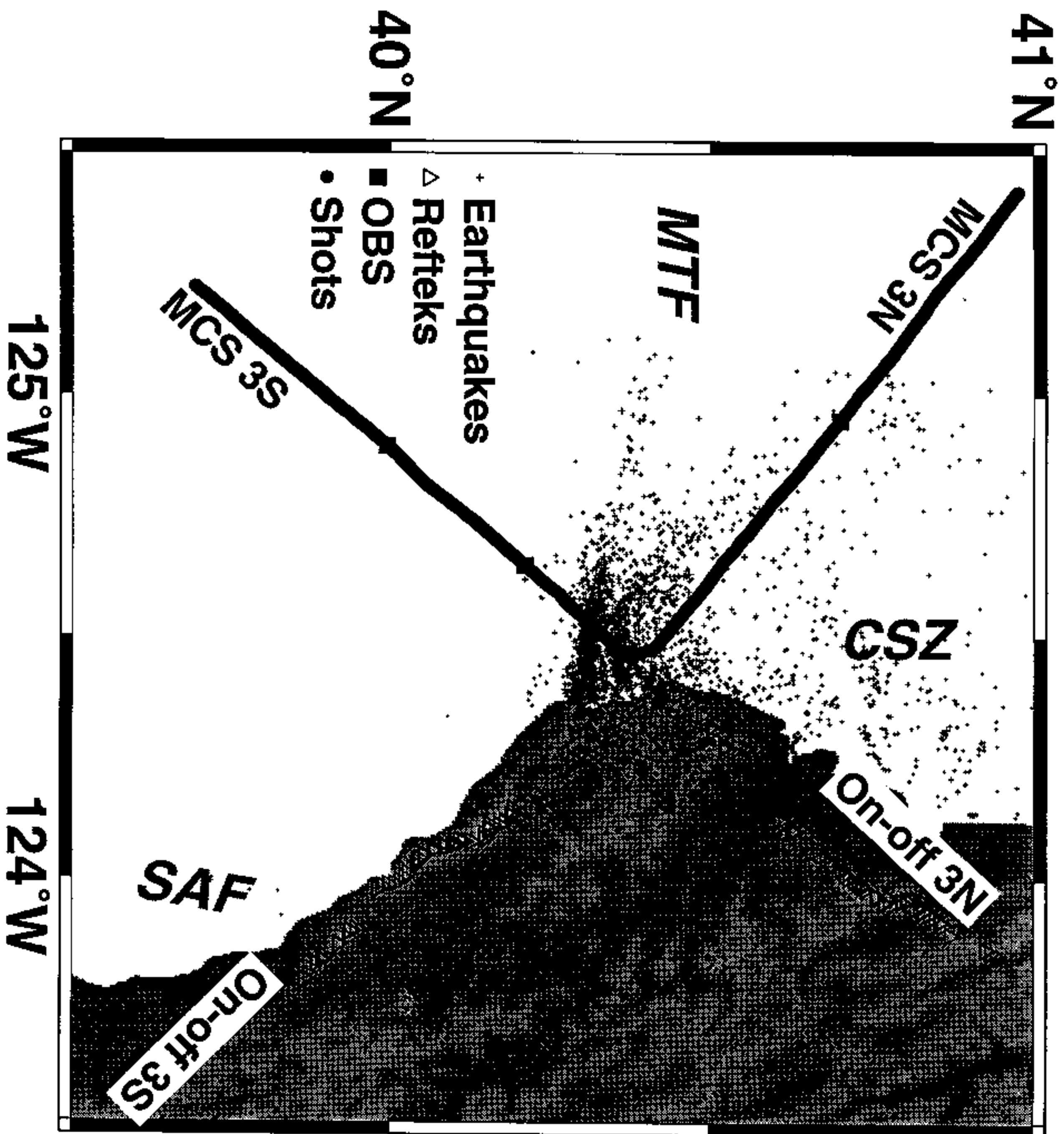


Figure 5: WAG6 Onshore-offshore geometry

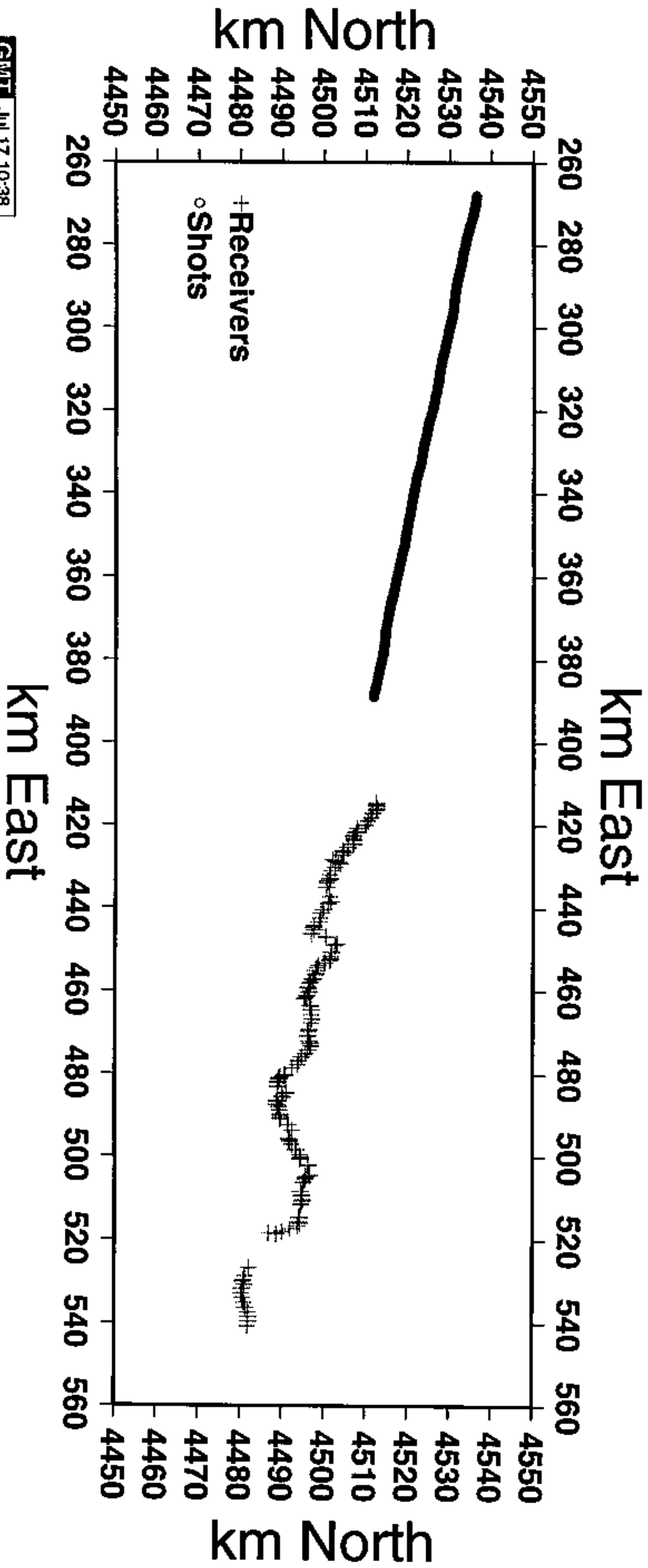
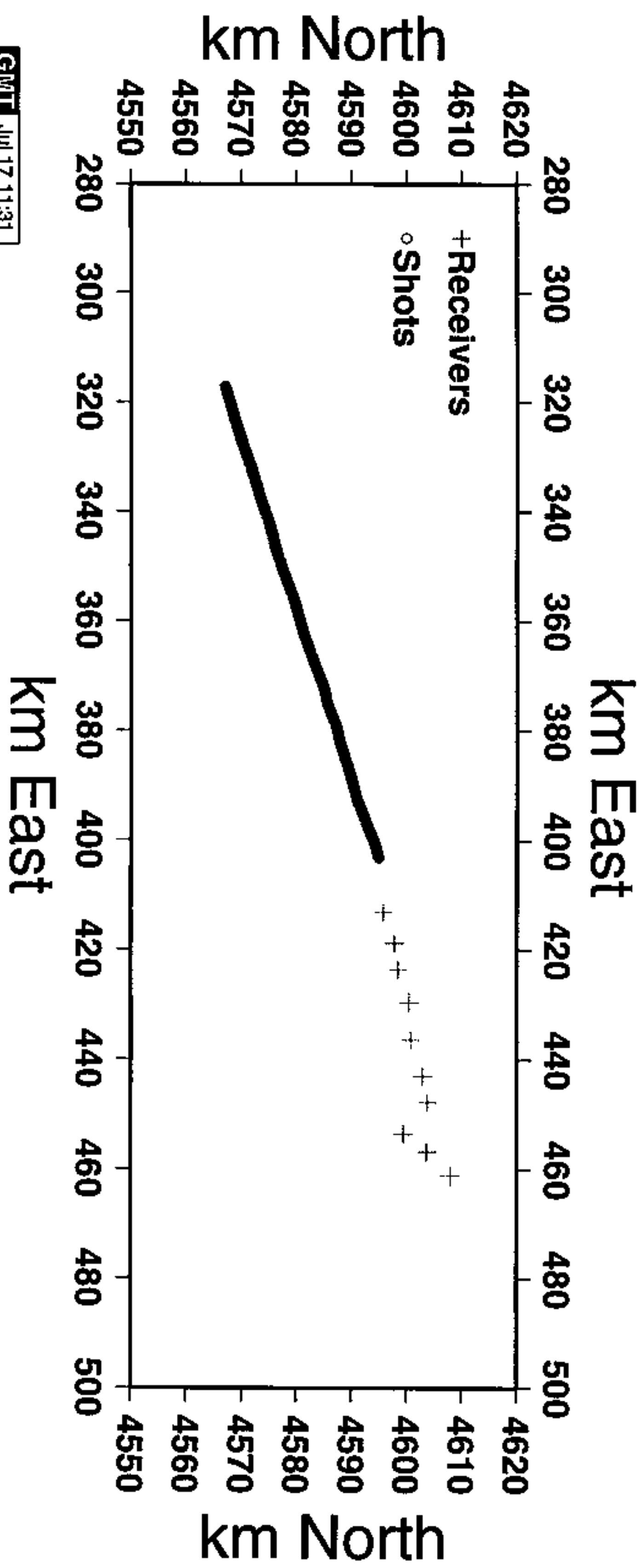


Figure 6: WA8 Onshore-offshore geometry



Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1241	6132		55		OK 2.6e-8	1
1244	6134		49	no final pulse time set - power failure in field. notes say 16ms drift	?low drift	0
1247	6131		53		OK 1.3e-8	1
1250	6130			broken in field		
1253	6129		52	1s GPS error -- initial time pulse is 1s ahead, with 21ms drift. Instrument OK	by hand for 21ms drift and -1 offset	1
1256	6128		52	1 sec GPS error on pulse, assume at end (2sec and -990ms drift->1.01s error)	by hand 1.2e-7	1
1259	6127			no record of downloading		
1262	6124		50		OK -3.9e-7	1
1265	6125		48		OK 1.4e-7	1
1268	6123		63	high drift with no obvious reason (no power failure) seems genuine though	high drift 3.3e-6	1
1271	6121		63		OK -2.7e-7	1
1274	6120		63	OK	OK 2.9e-7	1
1277	6118		59	bad drift (182 ms) problems in field make second pulse bad	not meaningful	0

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1280	6117		61		OK -1.2e-7	1
1283	6116		60		OK 3.4e-7	1
1286	6115		59	only 1 time pulse? error 23 ms according to field notes	?low drift	0
1289	6114		59		OK -9.4e-8	1
1292	6112		58	a bad pulse before good one)eventually get 863ms slow at pickup -- high drift	by hand 7.57e-6 (high drift)	1
1295	6109		63		OK 1.3e-7	1
1298	6060			broken in field		
1301	6069		0	also thinks it is 7111 -- data not recoverable from dump		
1304	6065		65		OK 1.1e-7	1
1307	6071		65		OK 1.2e-7	1
1310	6081		63	Clock drift slightly high otherwise ran fine	sl. high 6.1e-7	1
1313	6099		63		OK -2.5e-7	1
1316	6083		62		OK 1.2e-7	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
1319	6084		61	OK. 1 sec GPS error assumed at end	by hand -4.3e-8	1
1322	6088		38	no final time pulse (instr failure)	not meaningful	0
1325	6091		59		OK 1.0e-7	1
1328	6092		59		OK 2.7e-7	1
1331	6100		58	clock drift 1s and -17ms, assume 1s error in final pulse. Instrument OK	by hand 1.7e-7	1
1334	6095		57		OK -2.2e-7	1
1337	6111		56	high drift but otherwise OK	sl. high -8.1e-7	1
1340	6096		29	no final time pulse - instr failure	not meaningful	0
1343	6097		59	clock very bad - battery failure during deployment		0
1346	6101		52		OK 2.9e-8	1
1349	6102		51		OK -1.8e-7	1
1351	6107		50		OK 6.8e-8	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1354	6045			OK	OK 2.0e-7	1
1358	6050		62		OK 1.6e-7	1
1361	6048		62	high drift rate, about 100ms/day. no power loss, instrument looks OK	high drift 8.9e-7	1
1364	6052		62		OK -1.3e-7	1
1367	6049		61	OK	OK -3.7e-8	1
1370	6057		60	OK		1
1373	6039		59		OK 2.9e-8	1
1376	6040		59		OK -3.6e-7	1
1379	6055		59		OK 4.2e-7	1
1382	6056		58		OK 2.1e-7	1
1385	6046		58		OK -3.3e-8	1
1388	6042			broken in field		

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
1391	6035		55	1sec gps error, assume at end -> 2ms drift	by hand 0.	1
1394	6031		55	OK	OK 7.3e-8	1
1397	6028		54		OK -6.0e-8	1
1400	6038		54	OK	OK -5.7e-8	1
1403	6026		53		OK 0.	1
1406	6037			broken in field		
1409	6021		51	OK	OK - after correct field errors	1
1412	6022		50		OK 1.6e-7	1
1415	6024		50	high drift rate -- marginal! Instrument OK	-5.10E-07	1
1418	6025		49	OK	OK 1.4e-7	1
1421	6032		48	OK		1
1424	6027		45		OK 4.7e-7	1
1427	6020		45		OK 3.5e-7	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Reffate comments	Drift corrected?
1433	7094		117	no final time pulse - comms failure	Not meaningful	0
1436	7103		45	intermittent recording only - no power up messages, and drift seems ok. lots of overlap errors	OK -2.9e-7	1
1439	7107		116	OK	OK -4.3e-7	1
1442	7097		0	clock very bad - several minutes apparently true drift, 113Mb data not usefully recoverable		
1445	7088		103	OK	OK 5.4e-8	1
1448	7066		112	OK	OK 6.4e-8	1
1451	6003		30	clock bad (instr power failure)	not meaningful	0
1454	7106		51	clock bad (instr power failure)	not meaningful	0
1457	7095		107	OK	OK -1.8e-7	1
1460	7087		107	OK	OK 2.1e-8	1
1463	7104		106	OK	OK -3.7e-7	1
1466	7089		105	OK	OK 1.9e-7	1
1469	7093		44	no final time pulse - instr failed	Not meaningful	0

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1472	7099		23	power failed during disk dump. high drift on backup clock	not meaningful	0
1475	7108		101	OK	OK -1.6e-7	1
1480	7098		95		OK -1.6e-7	1
1483	7092		95		OK 1.1e-7	1
1484	7053		93		OK -2.1e-8	1
1486	7090		94		OK 2.5e-7	1
1492	7100		92		OK -3.4e-7	1
1495	7109		89		OK -1.1e-8	1
1498	7110		87		OK -4.7e-7	1
1506	7076		0.5	instrument failure		
1507	7071	1	106	OK	OK 1.7e-7	
1508	7084			no record of downloading		
1509	7085	1	24	7 locs. GPS OK until instrument failed 164/0600. 1s error on initial pulse time set corrected at first GPS fix	OK - minimal drift	0
1511	7081		53	only 1 time pulse - unknown instrument failure	not meaningful	0

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1513	7072	1	115	OK	OK 3.4e-8	
1514	7082		79	only one time pulse - SCSI failure during deployment. 2ms drift according to field notes	?low drift	0
1516	7073	1	6	failed on tape read -- copy and original		
1517	7086		96	1 minute error in initial time set (disagrees with field notes). instrument OK, drift <6ms	by hand offset +60, drift 0	1
1519	7075	1	45	18 locations(39.4204, 123.5157). No drift Only one data stream running (programming failure)	OK	1
1520	7083		91		OK 1.6e-8	1
1522	7080	1	92		OK - minimal	1
1523	7077		92			1
1524	7079	1	92			1
1526	7078		92	final set 1 minute off, but still 533ms drift according to field notes. Instrument ran OK	by hand (high!) - 7.8e-6	1
1529	7064	1	24	9 locations (39.4572,123.5821). Power failure but GPS and instrument performance OK until then	OK - minimal	1
1530	7063		112	OK	OK 0.	1
1532	7102	1	0	Bad GPS unit giving lots of spurious clock resets. 110 Mb of data useless as a result	useless	0
1534	7061		110	OK - slightly high drift but not too bad.	6.11E-07	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
1535	7058	1	109	OK		1
1536	7059		111	OK	OK -2.3e-7	1
1538	7068		108	OK	OK -9.0e-9	1
1601	7062	1	112	OK		1
1602	7069		111	OK	OK -5.8e-8	1
1603	7056		111	OK	pulser errors cancel- >0	1
1604	7070		110	OK	OK -1.6e-7	1
1605	7039		109	OK		1
1606	7060	1	110	OK		1
1607	7054		109	OK	OK 0.	1
1608	7051		97	only 1 time pulse? no error given in field notes	?	0
1609	7041	1	116	OK	OK	1
1610	7042		115	OK	OK 2.3e-7	1
1611	7045	1	28	10 locations (39.4775, 123.6820). GPS and rest worked OK until failure	OK - minimal	1
1612	7048		88	high drift rate - power failed during deployment	not meaningful	0

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
1613	7049	1	110	OK	OK 3.2e-8	1
1614	7052		108	1s GPS error, assume at final pulse set. instrument looks OK	by hand -3.1e-7	1
1615	7040	1	98	OK although poor GPS site	OK 0.	1
1616	7057			no events -- not downloaded		
1617	7101	1	99	OK, although very few GPS locks		1
1618	7038		96	OK. 1 sec GPS time pulse error	by hand -1.1e-8	1
1619	7050	1	95	5 locs , poor GPS coverage. 1s error on final pulse. 13ms drift at some point	cant do gps and pulse	0
1620	7044		92	OK		1
1621	7046	1	89	OK		1
	Total	19	8495.50			97
	Mean	16%	70.21			80%
	Total instrs	121				
	Mean with GPS	19	77.37		Corr with GPS	13
	mean 06gps	0	#DIV/0!			68%
	mean 07gps	19	77.37			
	Mean w/o GPS	102	68.88		Corr w/o GPS	84

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refate comments	Drift corrected?
	mean 06 ngps	59	53.44			82%
	mean 07 ngps	43	90.06			
	Mean 07	62	86.17			
	Mean 06	59	53.44			

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
106	7275	1	55	11 locations. No final pulse time set. Battery failure 169/0600	Needed rateclean	1
3076	7271	1	106	No locations. Initially day and year wrong. Spontaneous ("requested") stop acq.	OK	1
3077	6142	1	23	13 locations. GPS cont lock then power cycles -> spurious fixes. System power falls then recovers, then falls during a dump	Not meaningful	0
3078	6132	1	75	No locations. Changed time by 1s at first GPS lock but then stable. Power failure during operation	OK	1
3079	6131	0	72	No initial pulse. Power failure during autodump - power up message on recovery.	Not meaningful	0
3080	6128	1	50	24 locs (39.8695, 123.7897). Power failure at 169/1420, gps and clock fine until then	ok until power falls	0
3081	6134	1	71	No locations. Delay between pulse and start. No final pulse set. Spurious clock fixes before failure	Not meaningful	0
3082	6125	1	78	28 locs (39.8792, 123.8126) Instrument OK	OK minimal drift	1
3083	6148	1	47	20 locations. Long delay from pulse set to start acq. Low drifts but 2s jump in middle. Battery failure, but within 1s at end	?	0
3084	6129	1	42	3 locations. 4 hr delay between pulse and start acq. Runs ok until get spurious GPS fixes, then system power cycling and failure	Not meaningful	0
3085	7274	1	0	5 locations. Pulse set 4 hours before start acq, power up between. Clock resets when not locked. 37Mb data lost	????	
3086	7269			Not fully recovered from dump tape.		

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
3087	7270	1	156	Last external clock at 169/0211, pulse reset 170/0025, 808ms fast	include high later drift 1e-5	0
3089	7272	1	89	4 locations. Failed autodump due to low battery (GPS lost fix) lots of bad time fixes, high internal drift rate	Bad even after rateclean	0
3090	7267	1	131	2 locs only. instrument OK	OK, minimal drift	1
3091	6124		60	No initial time pulse recorded. Drift to final time pulse high (poss power loss?)	by hand -3.22e-6	1
3092	7268	1	115	2 locations. GPS cont lock. Long delay between pulse and start Acq. Spurious clock fixes before power failure	Not meaningful	0
3098	6055		64	OK	OK 3.3e-7	1
3099	6027		52	Power failed during autodump	Not meaningful, <6.5e-7?	0
3100	6056		65	OK	OK -1.8e-7	1
3101	6057	0	64	OK	OK -7.1e-8	1
3102	6035	0	51	Battery failure. SCSI error during autodump. No second time pulse or manual stop acq.	Not possible	0
3103	6046	0	66	OK	OK -1.9e-7	1
3104	6052	1	67	Incorrect minute on pulse time set, recovered on first clock fix. 24 locations but poor sat vis.	OK	1
3105	6049		67	OK	OK -5e-8	1

Stations	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
3106	6040	0	67	OK	OK -5.0e-7	1
3107	6028	0	68	OK	OK 1.1e-7	1
3108	6031	0	69	OK	OK -2e-8	1
3109.5	6050	0	69	OK	OK 2.0e-8	1
3110	6048	1	22	21 locations. GPS lock every hour until 169/0157. Possibly low battery - SCSI error/clock jumps/GPS cont lock	Not meaningful	0
3111	6038	0	73	2 pulse time sets at end. Possibly power disconnection on recovery (short)	OK 8.7e-8	1
3112	6045	0	75	3 pulse time sets at end. 2nd set is OK (51ms difference). third has 1sec GPS error.	Prob OK -4.9e-7	1
3113	6039	0	75	OK	OK 1.1e-7	1
3113.5	6032	1	69	No locations. GPS cont power. Failed due to battery?, bad fixes after 169/2016	Spurious? high rates at end	0
3114	7092		152	Gain and sample rate input manually on ref2seggy. Powerup recorded at 168/1916, first time pulse not recorded.	By hand from notes 8.2e-8	1
3114.5	7089	0	158	OK	OK 6.6e-8	1
3115	7094		32	Failed due to SCSI errors/?battery?	Not meaningful	0

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
3115.5	7090	0	1	Died after 10 minutes during autodump (SCSI not power?)		
3116	7088	0	92	Battery failure during autodump. Clock drift high although power down	OK 8.5e-7	0
3117	7099			not programmed		
3118	7104		148	OK	OK -3.8e-7	1
3119	7103		146	OK	OK -2.6e-7	1
3120	7102		141	Very high drift rate, although similar before deployment	High rate 1.6e-2	0
3121	7100	0	141	OK	High drift -9.8e-6	0
3122	7101		136	OK	OK -8.8e-8	1
3122.5	7098	1	135	15 locations. Final pulse time 1 minute wrong. Instrument OK though	OK generally <1e-6	1
3123	7097	0	131	OK but outrageous drift rate, although same while powered up before deployment	High drift 1.6e-4	1
3123.5	7091	1	1	Failed after 16 minutes during autodump (SCSI error? previous SCSI problems logged during powerup)		

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refate comments	Drift corrected?
3124	7095	0	0.5	SCSI failure during first autodump. Power cycles on-off (probably) although no record of this		
3124.5	7086	1	128	23 positions. Time error at pulse time set corrected by GPS clock	OK	1
3125	7093		128	OK	OK 3.3e-8	1
3125.5	7085	1	34	power to GPS and get spurious fix during GPS reset-- repeats until all dead	Not meaningful	0
3126	7087		126	OK. GPS time poss 1 s wrong at start or end	?incorrect drift 1.1e-5	0
3129	7048		95	Power failure and SCSI error. Power up message on recovery although incomplete	high drift 1.1e-6	0
3130	7044		138	OK. Failed final dump giving SCSI error. Poss low battery while GPS pulser connected	OK 1.3e-7	1
3131	7042		139	OK	OK 2.9e-7	1
3132	7046	0	141	OK	OK 8.2e-8	1
3133	7039		142	Instr OK. Recorded time pulse is 2 min different from field notes. Use field note value (9ms drift)	By hand 8.2e-8	1
3134	6130			broken in field		
3135	7050	1	145	OK other than temporary 1s jump during acq. 30 locations	Needed rateclean	1
3136	7045		146	OK	OK -1.8e-8	1

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
3138	7054		141	Sample rate and gain set manually. No initial pulse time set recorded; instrument otherwise OK	By hand 1.1e-7	1
3139	7051		100	Failed due to SCSI error/ suspect low battery	Not meaningful	
3140	7060		149	OK	OK 3.6e-7	1
3141	7052	0	150	OK	OK -3.7e-7	1
3142	7038		151	OK, although possible 1s error at pulse time set	Poss error -8.8e-6	
3143	7040	1	89	12 locations. Failed first autodump, did power cycle reset and got spurious GPS fix. Power failure during later dump	OK spurious fixes outside acq period. Needed rateclean	1
3144	7062		148	Sample rate/gain set manually. No initial pulse set recorded, possible 1s time error.	By hand, poss error 9.0e-6	
3145	7059		155	OK	OK -1.2e-7	1
3146	7058		156	OK	OK -8.9e-9	1
3147	7056		156	OK	OK 1.2e-7	1
3148	7041		157	OK	OK 2.0e-7	1

Stations	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
3149	7061		158	OK. Slightly high drift	OK, highish 8.2e-7	1
3150	7049		159	Manual input of sample interval/gain. Power up before start ->not recorded initial pulse. Instrument OK	Manual from notes 2.7e-7	1
3151	7053	1	158	Gains entered manually during ref2seggy. 35 locations. Died due to SCSI failure (low power). One bad GPS fix near end	OK, no drift until last few fixes	0
3165	7072		135	OK	OK 1.4e-7	1
3166	7080		136	OK	OK -2.4e-7	1
3167	7082		138	OK	OK -1.1e-8	1
3168	7078	0	133	OK. 3 pulse time sets at start, first had wrong minute	OK 9.7e-8	1
3169	7081	0	72	Stopped during autodump.	Not meaningful	0
3170	7071	0	137	2 pulse time settings before started. Start/stop sequence when first powered up.	OK -2e-8	1
3171	7075	1	133	OK 27 locations, GPS performing correctly	OK minimal	1
3172	7077		135	Major problems reading off tape, but OK on logview	OK -2.3e-7	1
3173	7065			broken in field		
3174	7068	0	104	Stopped during autodump. High drift rate	Bad 6.7e-6	0

Stations	Instrument	GPS?	Ref2seg data /Mb	Logview status	Refrate comments	Drift corrected?
3175	7076		139	OK	OK -4.5e-7	1
3176	7067	0	10	Failed on tape read.		
3177	7070	0	136	OK	OK -1.2e-7	1
3178	7069		137	OK - GPS connected but only briefly. Poss GPS time error though -drift 999 ms	High drift 1.1e-5	0
3179	7079	0	133	OK	OK -2.e-8	1
3180	7064	1	134	Only 1 position recorded although clock mostly locked. High drift on internal clock after GPS failure.	Fails to cope, adj by hand	0
3181	7066		136	OK	OK 2.0e-7	1
3182	7063		137	No stop acq/final time pulse. autodump called at 170/0017 and not completed - power failure	not meaningful	0
3183	7083		133	OK	OK 9.8e-8	1
3184	7043	0	135	No initial pulse time set in log (?lost by powerdown/powerup before start acq?) but only 1ms drift at final pulse	OK 0	1
3192	7112	0	105	OK	OK -4.1e-8	1
3193	7108	0	102	OK	OK 9.9e-8	1
3194	7106			total power failure		

Stations	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
3195	7107	0	97	OK	OK -3.9e-7	1
3196	7114	0	95	OK	OK -3.3e-7	1
3198	7109	0	87	OK	OK -6.6e-8	1
3208	7110	0	97	OK	OK -6e-7	1
3209	7113	0	96	OK	OK 2.2e-7	1
3210	7111	1	108	5 locations. V poor GPS cover (only 3 periods of fixes although power cycling correctly)	OK ~4e-7	1
3211	7116	0	105	OK	OK -6.5e-7	1
3212	7294		143	OK	OK -5.9e-8	1
3213	6024	0	72	OK. possible GPS time error, 1054ms drift	OK?	0
3214	6003	0	72	OK	OK -1.9e-7	1
3215	6025	0	73	OK	OK -1.4e-7	1
3216	6026		71	OK	OK 8.2e-8	1
3217	6021	0	70	OK	OK 6.7e-7	1
3217.5	6033	0	70	OK	OK 2.6e-7	1

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
3218	6020		71	OK	OK 1.7e-7	1
3219	6022	1	43	OK until power failure. 16 locations. Some spurious fixes before failure, but within 2 ms	OK, minimal during acq	1
3220	6058			stolen		
3221	6091		65	OK	OK 8.9e-8	1
3222	6065	0	66	OK	OK 4.4e-8	1
3223	6071	0	67	OK	OK 1.1e-7	1
3224	6083		49	Stopped after SCSI errors at 169/1810. Prob low battery? since power up message at retrieval	Not meaningful	0
3225	6096	0	69	OK. GPS time maybe out 1s at second pulse (1.019 s drift)	OK. Edited by hand to 19 ms drift	1
3226	6088	0	32	Power failure during autodump? Cycles power then dies. Disk scrambled/SCSI error/Acq stopped	Not meaningful	0
3227	6097	1	45	6 locations. Bad times after 169/1525. GPS and power flip-flopping. Inst failed; data at start may be OK	Fails to cope	0
3228	6069		70	Very high clock drift. Odd behaviour - dumps every 3 min for first 30 min each hour, not at all in 2nd 30min. prog ok though	High rate -1.6e-2	0
3229	6095		66	OK	OK 1.1e-7	1
3229.5	6108	0	59	OK	OK 2.7e-7	1
3230	6081	0	64	OK	OK 6.2e-7	1

Stations	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
3231	6092		66	OK	OK 3.0e-7	1
3240	6084	1	70	OK. 25 locations	OK	1
3241	6099	0	43	OK	OK -3.5e-7	1
3242	6100	0	42	OK	OK 1.7e-7	1
3243	6101			not downloaded in field		
3244	6102	0	42	OK	Exactly 1s drift? 1.7e-5	0
3245	6107			not deployed		
3246	6109			not deployed		
3247	6111			not deployed		
3248	6112			not deployed		
3249	6114			not deployed		
3250	6115			not deployed		
3251	6116	0	57	OK	OK 1.7e-7	1
3252	6117	0	59	OK	OK -5e-7	1
3253	6118			stolen		

Stations	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
	Mean with GPS	31	82.61		Corr with GPS	15
	mean 06gps	13	54.00			48%
	mean 07gps	18	103.28			
	Mean w/o GPS	97	97.58		Corr w/o GPS	72
	mean 06 ngps	39	63.38			74%
	mean 07 ngps	58	120.58			
	Mean 07	76	116.48			
	Mean 06	52	61.04			

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6125	6125		39	OK	OK 1.1e-7	1
6196	6024		57		OK -2.3e-7	1
6199	6026		57		OK 2.2e-7	1
6202	6028		58		OK 8.0ew-8	1
6205	6025		58		OK 3.4e-7	1
6208	6035		59		OK 9.3e-8	1
6211	6021		59		Slightly high 5.2e-7	1
6214	6020		60	OK	Slightly high 7.4e-7	1
6217	6027		58		OK 4.8e-7	1
6220	6022		60		OK 2.3e-7	1
6223	6003		61	1sec GPS error, assume on final pulse	by hand 3.2e-8	1
6226	6032		61		OK 1.4e-7	1
6229	6039		62		OK 1.1e-8	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
6232	6038			broken in field		
6235	6031		64	OK	OK 1.4e-7	1
6261	6115		26	Power failure during deployment - no final pulse recorded	Not meaningful	0
6262	6116		60		OK 2.8e-7	1
6264	6128		57	OK	OK -no drift	1
6267	6129		56	OK	OK 1.1e-7	1
6270	6108		53	OK	OK 2.8e-7	1
6273	6130		109	Data from last deployment still on the disk	OK 7.1e-8	1
6276	6124		49	OK	OK -4e-7	1
6285	6132			no record on downloading logs		
6285	6134		43	2 initial time pulses and 2 final time pulses due to errors in field. All cancels out we think!	Probably 0	1
6288	6148		42	OK	OK 8.8e-8	1
6294	6131		38	OK	OK -3.8e-8	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
6297	6114			errors downloading in field		
6300	6102		9	Power failure during deployment (4 events)	Not meaningful	0
6303	6100		7	Power failure during operation (only 2 events)	Not meaningful	0
6304.5	6112	1	38	Useable. Time OK until instrument failure	GPS	1
6306	6084		60		Sl. High 5.1e-7	1
6309	6095			broken in field		
6312	6107		65	Inconsistent data formats' errors on replay. programmed with 07 params so gain low. 1sec GPS error, assumed on final pulse	by hand 1.2e-7	1
6315	6101		65		OK 7.7e-8	1
6316.5	6088		45	Power down/power up after pulse set but before aqc start		
6318	6092		57	Power failure during deployment. Assumed 1s GPS error on pulse time -> 40ms drift total	Not meaningful but seems low	0
6321	6109		67		OK 1.1e-7	1
6324	6097		67	OK	OK 1.6e-7	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6325.5	6091	1	65	21 locations (40.5823,123.0416). Brief power interruption during deployment	OK - minimal drift	1
6327	6099		67	High drift rate although instrument seems to run OK	High drift 1.8e-5	0
6330	6096		0.1	No power during deployment	-	0
6333	6111		52	SCSI error - power failure during deployment	Not meaningful	0
6336	6056		50	OK	OK 3.0e-7	1
6339	6057		51	1 sec GPS error, assume at final set		
6340.5	6071		44	High apparent drift	High drift	0
6342	6081		53	OK	sl high 6.3e-7	1
6342	6083		52	OK	OK 2.3e-7	1
6346.5	6065	1	53	OK, minimal drift	OK	1
6348	6069		55	Very high drift rate (18 minutes)		0

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
6351	6055		52	OK	OK 4.3e-7	1
6354	6045		86	No final time pulse recorded, although available from notes	(1.4e-5 by hand)	0
6357	6040		50	Gain and sample rate input manually. Logview OK	OK -4.8e-7	1
6360	6052		51	OK	OK -4.4e-8	1
6363	6048		49	OK	OK 1.5e-8	1
6366	6050		50	OK	OK -1.5e-8	1
6367.5	6049		48	OK - didnt fit on 6.15	OK	1
6369	6046		48	OK	OK -1.22e-7	1
6372	7065			broken in field		
6375	7111		110	OK	OK -4.2e-7	1
6378	7097		110	Very high drift rate (20minutes) although ran throughout. Huge .err file, 'possible RTS error'	V. high drift 1.6e-2	0
6381	7107		63	Power failure during deployment	Not meaningful	0
6384	7108		114	300ms drift, but instrument running throughout -> apply it	High drift -4.4e-6	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6387	7110		114	OK	OK -3.8e-7	1
6390	7109		115	OK	OK - no drift	1
6393	7095		116		OK 1.9e-7	1
6394.5	7106	1	112	21 locations (40.16180, 123.3210)	OK, minimal drift	1
6396	7104		112	OK	OK -2.6e-7	1
6399	7101		113		OK -2.6e-8	1
6402	7098		109		OK 1.3e-8	1
6403.5	7102	1	106	23 locations that look OK (40.6164,123.3614) but GPS clock showing lots of time jumps and resets. Maybe there is some data here.....	Who knows.....	0
6405	7103		1	No data recorded although instrument seems to have been running fine		
6408	7100		106	1s GPS error on pulse time set -- assume at end, otherwise instrument ran OK	by hand -1.2e-7	1
6411	7099		30	Power failure during deployment	Not meaningful but prob low	0
6414	7112		62	SCSI error during deployment -> acq stop. drift is OK though	OK 3.3e-7	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6417	7268		92	OK	OK -8.2e-8	1
6420	7294	1	90	OK	OK, minimal drift	1
6423	7113		89	OK	OK 1.6e-7	1
6424.5	7116	1	88	OK	Needed rateclean	1
6426	7274		93	OK	OK - minimal drift	1
6429	7267		91	OK, 6ms drift	OK	1
6432	7114		90	OK, 1sec GPS error	by hand 4.3e-7	1
6435	7270		94	OK -- didnt fit on 6.12	OK -2e-7	1
6438	7271		90	OK, although temporary (unexplained) break in acquisition	OK 1.6e-7	1
6441	7272		48	Power failure during deployment	Not meaningful	
6444	7275		99	OK	OK -1.5e-8	1
6445.5	7269	1	98	OK	OK -minimal drift	1
6447	7043		97	OK	OK -8.9e-8	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
6450	7288		101	Calls itself 7416 during downloading		0
6453	7089		114	OK	OK 1.3e-8	1
6453.5	7088		115	OK	OK -1.7e-7	1
6456	7086		117	OK	OK 3.6e-8	1
6459	7087		113	OK	OK -1.7e-7	1
6462	7094		3	Power failure just after deployment -- SCSI error	-	0
6463.5	7093	1	116	No locations. Instrument worked well otherwise	OK - minimal drift	1
6465	7090		110	Power failure only just before pickup. Drift rate is high but may be bad	6.50E-07	0
6466.5	7091	1	84	36 locations (40.6838, 123.6240). Power failed during operation, GPS OK until just before failure then bad fixes	OK until failure	0
6468	7092		113	OK	OK -1.7e-7	1
6471	7079		105		OK 1.2e-8	1
6472.5	7085	1	58	Power failure during deployment	OK while running	1
6474	7077		108	OK	OK -3.9e-7	1
6477	7072		109	OK	OK -3.8e-8	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6480	7075		111	OK	OK -1.0e-7	1
6483	7082		112	OK	OK 6.4e-8	1
6486	7070		113	OK	OK -5.2e-8	1
6489	7067			errors downloading in field		
6490.5	7083	1	115	No location fixes	OK - minimal drift	1
6492	7066		112	logview		0
6495	7064		113	OK	OK -3.9e-8	1
6498	7071		0.5	No data		
6501	7076		109	OK - drift slightly high.	Slightly high - 5.2e-7	1
6504	7084		119	Power failure during operation	although <20ms	0
6505.5	7063	1	108	No location fixes	OK -minimal drift	1
6507	7080		107	OK	OK -2.7e-7	1
6510	7081		60	Power failure -> SCSI errors	not meaningful	0
6513	7078		104	OK	OK 1.8e-7	1

Station	Instrument	GPS?	Ref2seggy data /Mb	Logview status	Refrate comments	Drift corrected?
6516	7062		105	OK	OK -2.8e-8	1
6519	7059		111	Bad time on final pulse (not redone in field though)	by hand 1.75e-7	1
6520.5	7058	1	44	Power failure during deployment -- SCSI error	OK - minimal drift	1
6522	7056			operator error - no start acq		
6525	7054		113	OK	OK 1.2e-7	
6526.5	7040	1	114	OK	OK - minimal drift	1
6528	7044		114	OK	OK -2.4e-8	1
6531	7041		115	OK	OK 2.8e-7	1
6534	7039		117		OK 3.6e-8	1
6537	7038		117	Power failure during deployment	Not meaningful	0
6538.5	7046	1	120	OK	OK - minimal drift	1
6540	7048		120	Spurious SCSI error also in log (continued recording throughout)	by hand -1.3e-7	1
6543	7045		121		OK -7.2e-8	1
6546	7051		123	OK	OK 1.9e-7	1

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
6549	7042		125	OK	OK 1.8e-7	1
6552	7050		120	OK	OK 1.8e-7	1
6555	7049		120		OK 1.2e-7	1
6558	7052		121		OK -1.7e-7	1
6561	7060		116		OK 1.5e-7	1
6564	7061		119	OK	OK 7.5e-7	
6566	7053		51	Power failure during deployment. Channel 3 is on 6.16 file 16. Add one to all files for instruments after the fifth	Not meaningful	0
BROKEN	6037					
BROKEN	6042					
BROKEN	6060					
BROKEN	6127					
BROKEN	7057					
BROKEN	7068					
BROKEN	7069					
BROKEN	7073					

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
STOLEN	6033					
STOLEN	6058					
STOLEN	6117					
STOLEN	6118					
STOLEN	6120					
STOLEN	6121					
STOLEN	6123					
STOLEN	6142					
	Total	16	10310			99
	Mean	12%	79.92			77%
	Total instrs	129				
	Mean with GPS	16	88.06		Corr with GPS	14
	mean 06gps	3	52.00			88%
	mean 07gps	13	96.38			
	Mean w/o GPS	113	78.77		Corr w/o GPS	85
	mean 06 ngps	50	52.92			75%
	mean 07 ngps	63	99.28			

Station	Instrument	GPS?	Ref2segy data /Mb	Logview status	Refrate comments	Drift corrected?
	Mean 07	76	98.78			
	Mean 06	53	52.87			