

USGS SPCMCS FACS Operations Log -Kinematic Survey

SPCMSC FAN# 2014-301-FA		
<u>Kinematic Rover</u>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	Beach pole	GANT-4 with yellow receiver Red pole with extension = 182.5 cm plus metal plate = 1.9 cm
Receiver Make/Model#	Ashtech Z-Extreme model 800889 Rev D	
Receiver S/N#	ZE1200526034	
Antenna Model or P/N#	Ashtech geodetic antenna P/N 701975-01 Rev A	
Antenna S/N#	5952	
Antenna Height (m)	1.844 m	
Offset Diagram for Antenna?	No (see field photos)	
<u>Primary Static Base Information</u>	Recording Interval (s) 5 sec	Comments
Base Location	2010ASIS008	NPS control site 2010ASIS008 set up for long-term occupation for duration of survey by Neil Winn (NPS)
NGS PID # if applicable		
Base Site Name:	ASIS008	
Receiver Make/Model#	Trimble 5700	
Receiver S/N#		
Antenna Model or P/N#	Trimble Zephyr geodetic antenna P/N 41249	
Antenna S/N#		
Tripod Height (m)	2.00	
<u>Secondary Static Base Information</u>	Recording Interval (s) 1 sec	Comments
Base Location	2011ASISBAYR	NPS control site 2011ASISBAYR Thales CR with ed receiver Site occupied 3/26/14 to 3/30/14 (JD 085-089) Overnight occupation: Recording interval 1 sec
NGS PID # if applicable		
Base Site Name	BAYR	
Receiver Make/Model#	Ashtech Z-Xtreme model 800889 Rev D	
Receiver S/N#	ZE120013402	
Antenna Model or P/N#	Thales Choke Ring 701945-02 Rev E	
Antenna S/N#	CR6200547005	
Tripod Height (m)	2.00 m	
<u>Secondary Static Base Information</u>	Recording Interval (s) 1 sec	Comments
Base Location	2011ASISCH1	NPS control site 2011ASISCH1 Thales CR with red receiver Site occupied 3/31/14 to 4/3/14 (JD 090-093) Overnight occupation: Recording interval 1 sec
NGS PID # if applicable		
Base Site Name	CH01	
Receiver Make/Model#	Ashtech Z-Xtreme model 800889 Rev D	
Receiver S/N#	ZE120013402	
Antenna Model or P/N#	Thales Choke Ring 701945-02 Rev E	
Antenna S/N#	CR6200547005	
Tripod Height (m)	2.00 m	

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Secondary Static Base Information		Recording Interval (s) 1 sec	Comments
Base Location		0691E2012	NPS control site 0691E2012 set up for long-term occupation for duration of survey by Neil Winn (NPS) Trimble R8 Generation 3 antenna with integrated receiver
NGS PID # if applicable			
Base Site Name		0691E	
Receiver Make/Model#			
Receiver S/N#			
Antenna Model or P/N#		Trimble R8 Generation 3 P/N TRMR8_GNSS3	
Antenna S/N#			
Tripod Height (m)		2.00 m	

SPCMSC FAN#		2014-301-FA		Local Time Zone		Eastern Daylight Time				
Static Receiver Log										
Base station										
	UTC Time			GPS		GPS Seconds				
Date	Start	Stop	Week	Session	RI	Start	Stop	Total Epochs	Comments	
085_2014	0:00:00	23:59:59	1785	B	1 sec	259200.0	345599.0	86399.0	0691E	
086_2015	0:00:00	23:59:59	1785	C	1 sec	345600.0	431999.0	86399.0	0691E	
087_2016	0:00:00	23:59:59	1785	D	1 sec	432000.0	518399.0	86399.0	0691E	
088_2017	0:00:00	23:59:59	1785	E	1 sec	518400.0	604799.0	86399.0	0691E	
089_2018	0:00:00	15:57:17	1786	F	1 sec	0.0	57437.0	57437.0	0691E	
091_2018	17:26:10	23:04:39	1786	A	1 sec	235570.0	255879.0	20309.0	0691E	
092_2019	0:00:00	23:59:59	1786	B	1 sec	259200.0	345599.0	86399.0	0691E	
093_2020	0:00:00	23:59:59	1786	C	1 sec	345600.0	431999.0	86399.0	0691E	
085_2014	14:11:05	23:15:00	1785	A	1 sec	310265.0	342900.0	32635.0	BAYR	
086_2015	13:00:11	21:40:55	1785	A	1 sec	392411.0	423655.0	31244.0	BAYR	
087_2016	12:37:15	22:45:35	1785	A	1 sec	477435.0	513935.0	36500.0	BAYR	
089_2017	12:30:39	20:32:35	1786	A	1 sec	45039.0	73955.0	28916.0	BAYR	
087_2016	18:09:15	23:59:55	1785	A	5 sec	497355.0	518395.0	21040.0	ASIS008	
088_2017	0:00:00	23:59:55	1785	B	5 sec	518400.0	604795.0	86395.0	ASIS008	
089_2017	0:00:00	23:59:55	1786	C	5 sec	0.0	86395.0	86395.0	ASIS008	
090_2018	0:00:00	23:59:55	1786	D	5 sec	86400.0	172795.0	86395.0	ASIS008	
091_2018	0:00:00	17:40:15	1786	E	5 sec	172800.0	236415.0	63615.0	ASIS008	
091_2018	17:43:25	23:59:55	1786	A	5 sec	236605.0	259195.0	22590.0	ASIS008	
092_2019	0:00:00	23:59:55	1786	B	5 sec	259200.0	345595.0	86395.0	ASIS008	
093_2020	0:00:00	23:59:55	1786	C	5 sec	345600.0	431995.0	86395.0	ASIS008	
092_2019	4/2/14 11:34	4/3/14 11:17	1786	A	1 sec	300896.0	386275.0	85379.0	CH01	
093_2020	11:21:44	20:43:10	1786	A	1 sec	386504.0	420190.0	33686.0	CH01	
Kinematic Receiver Log										
Beach pole										
	UTC Time			GPS		GPS Seconds				
Date	Start	Stop	Week	Session	RI	Start	Stop	Total Epochs	Comments	
085_2014	15:16:16	17:49:10	1785	A	1 sec	314176.0	323350.0	9174.0	sites A101 - A103	
085_2014	19:30:11	21:09:50	1785	B	1 sec	329400.0	335390.0	5990.0	sites B104 - B106	
086_2014	14:37:34	16:12:50	1785	A	1 sec	398254.0	403970.0	5716.0	sites A207 - A209	
086_2014	16:31:13	17:31:30	1785	B	1 sec	405073.0	408690.0	3617.0	sites B210 - B211	
086_2014	18:27:53	18:45:25	1785	D	1 sec	412073.0	413125.0	1052.0	site D212	
086_2014	19:31:49	20:58:00	1785	E	1 sec	415909.0	421080.0	5171.0	sites E213 - E215	
087_2014	15:27:51	16:47:10	1785	A	1 sec	487671.0	492430.0	4759.0	site A316 (30 min static)	
087_2014	19:44:37	20:19:40	1785	B	1 sec	503077.0	505180.0	2103.0	site B317	
087_2014	22:16:43	22:30:10	1785	C	1 sec	512203.0	513010.0	807.0	site C318	
089_2014	13:49:14	14:55:00	1786	A	1 sec	49754.0	53700.0	3946.0	site A419 (30 min static)	
089_2014	15:39:37	16:30:15	1786	C	1 sec	56377.0	59415.0	3038.0	site A420 (30 min static)	
089_2014	18:22:49	19:03:30	1786	E	1 sec	66169.0	68610.0	2441.0	site E421 (30 min static)	
091_2014	14:20:37	14:32:15	1786	A	1 sec	224437.0	225135.0	698.0	site A526	
091_2014	14:43:43	14:58:15	1786	B	1 sec	225823.0	226695.0	872.0	site B527	
091_2014	15:50:50	16:09:45	1786	C	1 sec	229850.0	230985.0	1135.0	site C528	
091_2014	16:26:59	17:38:25	1786	E	1 sec	232019.0	236305.0	4286.0	site E529 (30 min static)	
091_2014	18:34:49	18:58:48	1786	F	1 sec	239689.0	241128.0	1439.0	site F530	
092_2014	14:53:52	15:02:15	1786	A	1 sec	312832.0	313335.0	503.0	site A643	
092_2014	15:59:02	17:05:00	1786	C	1 sec	316742.0	320700.0	3958.0	site C645 (30 min static)	
092_2014	17:18:14	17:30:20	1786	D	1 sec	321494.0	322220.0	726.0	site D646	
092_2014	18:52:10	19:01:50	1786	E	1 sec	327130.0	327710.0	580.0	site E649	
093_2014	12:07:31	12:27:25	1786	B	1 sec	389251.0	390445.0	1194.0	site B757	
093_2014	13:14:50	14:37:00	1786	C	1 sec	393290.0	398220.0	4930.0	site C758 (30 min static)	
093_2014	14:55:14	15:12:55	1786	D	1 sec	399314.0	400375.0	1061.0	site D759	
093_2014	15:29:08	15:37:15	1786	E	1 sec	401348.0	401835.0	487.0	site E760	
093_2014	15:52:14	16:00:20	1786	F	1 sec	402734.0	403220.0	486.0	site F761	
093_2014	16:11:31	16:24:55	1786	G	1 sec	403891.0	404695.0	804.0	site G762	
093_2014	16:39:41	16:59:40	1786	H	1 sec	405581.0	406780.0	1199.0	site H763	
093_2014	17:08:03	17:15:40	1786	I	1 sec	407283.0	407740.0	457.0	site I764	
093_2014	17:34:26	17:42:10	1786	J	1 sec	408866.0	409330.0	464.0	site J765	