

## USGS SPCMCS FACS Operations Log -Kinematic Survey

<b>SPCMSC FAN# 2014-322-FA (14CTB02)</b>		
<b><u>Kinematic Rover - A</u></b>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	Beach pole	SMG-MANT-5 with blue receiver
Receiver Make/Model#	Ashtech Z-Xtreme model 800889 Rev B	
Receiver S/N#	ZE120011226	
Antenna Model or P/N#	Ashtech marine antenna P/N 700700 (B)	Orange/white plus red/white survey rod with metal plate plus spike, height = 215.3 cm
Antenna S/N#	12914	
Antenna Height (m)	2.153 m	This is receiver "A" – used for most OSV and boat access site occupation
Offset Diagram for Antenna?	No (see field photos)	
<b><u>Kinematic Rover - B</u></b>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	GPR backpack or beach pole	SMG-GANT-1 with white receiver Orange GPS backpack with red/white extension rod for GPR survey (see GPR log for offsets); yellow/black rod plus red/white extension for site occupation (see session log for offsets)
Receiver Make/Model#	Ashtech Z-Xtreme model 800889 Rev B	
Receiver S/N#	ZE120023717	
Antenna Model or P/N#	Ashtech geodetic antenna P/N 701975-01 Rev A	This is receiver "B" – used for GPR operations and some OSV and boat access site occupation
Antenna S/N#	5494	
Antenna Height (m)	See session and GPR logs	
Offset Diagram for Antenna?	No (see field photos)	
<b><u>Primary Static Base Information</u></b>	Recording Interval (s) 1 sec	Comments
Base Location	NPS control site 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 NetR9	
Receiver S/N#		
Antenna Model or P/N#	Trimble GNSS-Ti choke ring model 59900.00	
Antenna S/N#		
Tripod Height (m)	2.00 m	
<b><u>Secondary Static Base Information</u></b>	Recording Interval (s) 1 sec	Comments
Base Location	NPS control site 2011ASISBAYR	Thales CR antenna with red receiver; fixed height tripod  Site occupied 10/20 to 10/26/14 (JD 293 - 299)  Day and overnight occupation: record 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#	CR6200548003	
Tripod Height (m)	2.00 m	
Offset Diagram for Antenna?	No (see field photos)	

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<u>Secondary Static Base Information</u>	Recording Interval (s) 1 sec	Comments
Base Location	NPS control site 2011ASISCH1	Thales CR antenna with red receiver; fixed height tripod Initial occupation 10/27, intent was to service base station morning of 10/29 prior to accessing mainland and southern ASIS sample sites. Due to rocket explosion evening of 10/28, access to site on NWR property was not allowed on 10/29. Morning of 10/30 receiver and battery was still running but data card was full. Data recorded from 10/27 16:46:27 UTC to 10/29 18:11:47. Day and overnight occupation: record 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	
Offset Diagram for Antenna?	No (see field photos from March trip)	