USGS SPCMCS FACS Operations Log -Kinematic Survey

SPCMSC FAN# 13BIM02		
Kinematic Rover	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	*R/V Sallenger*	Using OmniSTAR for DGPS for Interferometric Bathymetry (IFB), Interferometric Backscatter (IFS), and chirp (C). The Ashtech is for ship navigation and backup to OmniSTAR.
Receiver Make/Model#	Ashtech Z-Xtreme Model 800889 Rev B	
Receiver S/N#	ZE120023717	
Antenna Model or P/N#	Thales choke ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200548003	
Antenna Height (m)		
Offset Diagram for Antenna?	See swath acquisition FACS	
Primary Static Base Information	Recording Interval (s) 5 Hz	Comments
Base Location	TMRK	Overnight occupation: Recording interval 1 sec Original Thales antenna P/N 701945-02 Rev E, S/N CR62005538004, height 2.00m changed to Magellan 111406 GNSS (small) antenna on JD 192 for lidar, used Magellan antenna for remainder of survey
NGS PID # if applicable		
Base Site Name:	TMRK	
Receiver Make/Model#	Magellan ProFlex 500 P/N 802077 G	
Receiver S/N#	201038003	
Antenna Model or P/N#	Magellan 111406 GNSS P/N AT1675-7MW	
Antenna S/N#	5480	
Tripod Height (m)	2.611 m	
Secondary Static Base Information	Recording Interval (s) 5 Hz	Comments
Base Location	BRM2	2012 base station BERM is now in ~ 1 m water; installed new base BRM2 Overnight occupation: Recording interval 1 sec Original Ashtech antenna P/N 700936 Rev D, S/N CR13149, height 2.00m changed to Magellan 111406 GNSS (small) antenna on JD 192 for lidar, used Magellan antenna for remainder of survey
NGS PID # if applicable		
Base Site Name	BRM2	
Receiver Make/Model#	Magellan ProFlex 500 Model 802077 G	
Receiver S/N#	201038002	
Antenna Model or P/N#	Magellan 111406 GNSS P/N AT1675-7MW	
Antenna S/N#	5481	
Tripod Height (m)	2.611 m	