

USGS SPCMCS FACS Operations Log -Kinematic Survey

SPCMSC FAN# 13BIM03		
<u>Kinematic Rover</u>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	<i>RV Twin Vee</i>	279.4 cm antenna to transducer base 10.9 cm stern offset 0.631 m top of can to transducer base 1.601 m ber check
Receiver Make/Model#	Ashtech Z-Xtreme Model 800889 Rev D	
Receiver S/N#	ZE1200526034	
Antenna Model or P/N#	Thales choke ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200548008	
Antenna Height (m)		
Offset Diagram for Antenna?	See single beam acquisition FACS	
<u>Primary Static Base Information</u>	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	
<u>Secondary Static Base Information</u>	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 P/N 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	