

USGS SPCMCS FACS Operations Log -Kinematic Survey

<b>SPCMSC FAN# 13BIM07</b>		
<b><u>Kinematic Rover</u></b>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc)	R/V <i>Sallenger</i>	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#	CR6200548008	
Antenna Height (m)		
Offset Diagram for Antenna?	See swath acquisition FACS	
<b><u>Primary Static Base Information</u></b>		
	Recording Interval (s) 1 sec	Comments
Base Location	TMRK	Benchmark cap gone! – only rod remains at TMRK  Overnight recording interval 30 sec
NGS PID # if applicable	N/A	
Base Site Name:	TMRK	
Receiver Make/Model#	Magellan ProFlex 500 P/N 802077 G	
Receiver S/N#	201038003	
Antenna Model or P/N#	Thales choke ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200538004	
Tripod Height (m)	2.00 m + cap height	
Diagram? Photo?	See handwritten log (13BIM08); photo	
<b><u>Secondary Static Base Information</u></b>		
	Recording Interval (s) 1 sec	Comments
Base Location	BRM2	BERM (BRM2) was intact!  Overnight recording interval 30 sec
NGS PID # if applicable	N/A	
Base Site Name	BRM2	
Receiver Make/Model#	Magellan ProFlex 500 P/N 802077 G	
Receiver S/N#	201038002	
Antenna Model or P/N#	Ashtech choke ring P/N 700936 Rev D	
Antenna S/N#	12741	
Tripod Height (m)	2.00 m	
Diagram? Photo?	Photo	