

12BIM03 USGS SPCMCS FACS Operations Log -Kinematic Survey

SPCMSC FAN# 12BIM03		
<u>Kinematic Rover</u>	Recording Interval (s) 1 sec	Comments
Platform (boat, buggy, pole, etc.)	<i>RV Survey Cat</i>	Using OmniSTAR for DGPS for Interferometric Bathymetry (IFB), Interferometric Backscatter (IFS); Side scan sonar (SSS), and chirp (C). The Ashtech is for ship navigation and backup to OmniSTAR.
Receiver Make/Model#	Ashtech Z-Xtreme Model 800889 Rev C	
Receiver S/N#	ZE1200337015	
Antenna Model or P/N#	Thales choke ring P/N 700936 Rev D	
Antenna S/N#	12741	
Antenna Height (m)		
Offset Diagram for Antenna?	See swath acquisition FACS	
<u>Primary Static Base Information</u>	Recording Interval (s) 1 sec	Comments
Base Location	TMRK	Overnight occupation: Recording interval 30 sec Swap Z-Xtreme for ProFlex receiver on 7/29/2012 – will the receiver record properly in base box including fan?
NGS PID # if applicable		
Base Site Name:	TMRK	
Receiver Make/Model#	Ashtech Z-Xtreme Model 800889 Rev D	
Receiver S/N#	ZE1200526034	
Receiver Make/Model#	Ashtech ProFlex 500 Model 802077	
Receiver S/N#	201038003	
Antenna Model or P/N#	Thales choke ring P/N 701945-02 Rev E	
Antenna S/N#	CR6200548008	
Tripod Height (m)	2.00 m	
<u>Secondary Static Base Information</u>	Recording Interval (s) 1 sec	Comments
Base Location	BERM	Overnight occupation: Recording interval 30 sec GrafNav cannot read converted files (“Too many channels”). Swap ProFlex receiver for Z-Xtreme on 7/24/2012.
NGS PID # if applicable		
Base Site Name	BERM	
Receiver Make/Model#	Ashtech ProFlex 500 Model 802077	
Receiver S/N#	201038003	
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#	CR6200538004	
Tripod Height (m)	2.00 m	

<u>Reoccupy LDNR Monument MARK</u>	Recording Interval (s) 1 sec	Comments
Base Location	MARK	<p>Set up 7/26/12 - position information only for comparison with previous occupations (BICM surveys). Shoreline has eroded around monument locations – could not extend tripod to 2 m</p> <p>ProFlex receiver kept shutting down – maybe overheating (spare base box does not have a fan installed)? Swap for Z-Xtreme on 7/28/2012.</p>
NGS PID # if applicable		
Base Site Name	MARK	
Receiver Make/Model#	Ashtech ProFlex 500 Model 802077	
Receiver S/N#	201038003	
Receiver Make/Model#	Ashtech Z-Xtreme Model 800889 Rev D	
Receiver S/N#	Z1200542047	
Antenna Model or P/N#	Thales choke ring Model 701945-02 REV E	
Antenna S/N#	CR6200548008	
Tripod Height (m)	1.246 m	