

SPCMSC FAN#	Crew:	Dates:
Kinematic Rover	Recording Interval (s)	Comments
Platform (boat, buggy, pole, etc)	R/V SALLENGER	SMG CHOKE 4 / ASHTECH REC WHITE
Receiver Make/Model#	ASHTECH Z EXTREME 800889 REV B	
Receiver S/N#	ZE120023717	
Antenna Model or P/N#	THALES CHOKE RING 701945-02 REV E	
Antenna S/N#	CR6200548003	
Antenna Height (m)		
Offset Diagram? Photos?		
Primary Static Base Information	Recording Interval (s)	Comments
Base Location	TMRK	BGAN BASE BOX PROFLEX REC SMG-500-1 JD 192 SWAP ANTENNA FOR SMG-GNSS-1 MAG111406 S/N 5480 P/N AT1675-7MW ANT HT 2.611m GLONASS ENABLED FOR LIDAR
NGS PID # if applicable		
Base Site Name:	TMRK	
Receiver Make/Model#	PROFLEX 500 P/N 802077 G	
Receiver S/N#	201038002	
Antenna Model or P/N#	THALES CR 701945-02 REV E	
Antenna S/N#	CR6200538004	
Tripod Height (m)	2.0 m	
Diagram? Photo?		
Secondary Static Base Information	Recording Interval (s)	Comments
Base Location	BERM 2	2012 BASE BERM NOW IN WATER PROFLEX REC SMG-PF500-2 HTDP AVERAGED POSITION: (2 SESSIONS) 30 00 28.67750 N 88 50 51.281955 W -27, 2005 m JD 192 SWAP ANTENNA FOR MAG111406 S/N 5481 ANT HT 2.611m
NGS PID # if applicable		
Base Site Name	BERM2	
Receiver Make/Model#	PROFLEX 500 MODEL 802077 G	
Receiver S/N#	201038002	
Antenna Model or P/N#	ASHTECH 700936 REV D	
Antenna S/N#	CR13149	
Tripod Height (m)	2.00 m	
Diagram? Photo?		

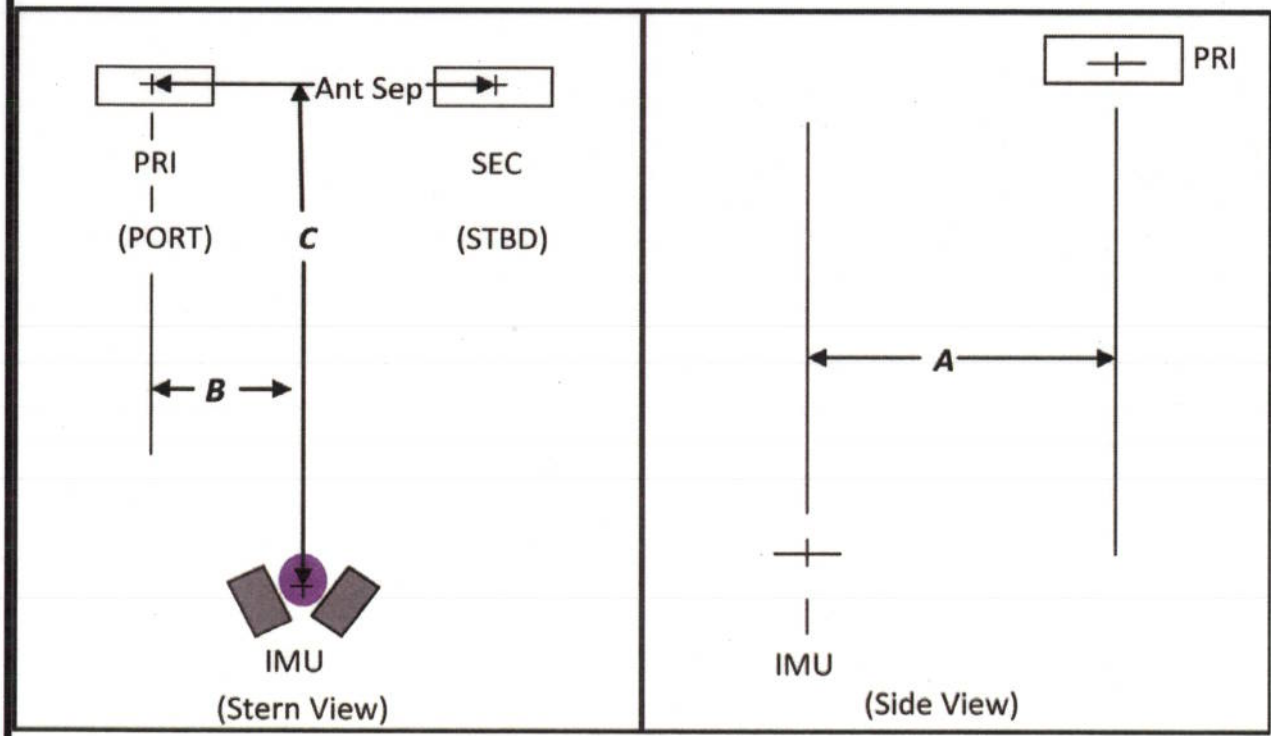
USGS SPCMSC FACS Overview Log - Swath Acquisition

USGS SPCMSC FAN#	13bim02	Survey Vessel	Sallymeyer
F190 Program Version	V 4.10. / Firmware 10051726	File Name	

Are F190R antenna offsets entered into the F190 program? (if entered into F190 program then the 'Position Antenna' tab in SWATHplus will be zeros. YES or NO

All measurements relative to F190 PRIMARY antenna.

A = PRIMARY	Is how many meters FORWARD of the IMU?	.984
B = PRIMARY	Is how many meters PORT of the IMU?	0.070
C = PRIMARY	Is how many meters ABOVE of the IMU?	2.743
Antenna Separation	How many meters between the Primary and Secondary Antennas	1.999



Note: On vessels of opportunity, the antennas may be oriented with the primary antenna toward the bow and the secondary toward the stern (in a parallel orientation to the hull, lengthwise). If so indicate in space the space below.

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USGS SPCMSC FAN#			
SXS File(s)			
<u>Transducer 01 - Port</u>		<u>Transducer 02-Starboard</u>	
(H) Height Offset (m) DOWN is +	-116	(H) Height Offset (m) DOWN is +	-116
(F) Forward Offset (m) FORWARD is +	-069	(F) Forward Offset (m) FORWARD is +	-069
(S) Starboard Offset (m) Port is -	-0.062	(S) Starboard Offset (m) STBD is +	0.062
Azimuth Offset (deg) Port is -90	-90	Azimuth Offset (deg) STBD is +90	90
Elevation Offset (deg) Port is -30	-29.323	Elevation Offset (deg) STBD is -30	-30.599
Skew Offset (deg)	0	Skew Offset (deg)	0
Pitch Offset (deg)	0	Pitch Offset (deg)	0
Water Depth for SOS calculaton (m)	.5	Water Depth for SOS calculaton (m)	.6
Is there a heave offset value entered in the attitude sensor tab?			

