

**USGS SPCMSC FACS EQUIPMENT LOG**  
**ACTIVITY ID: 2017-324-FA — BASE STATIONS**

<b>EQUIPMENT SYSTEM</b>	<b>EQUIPMENT TYPE</b>	<b>EQUIPMENT CODE</b>	<b>EQUIPMENT MODEL (P/N)</b>	<b>EQUIPMENT S/N</b>	<b>SOFTWARE VERSION</b>	<b>COMMENTS</b>
Navigation	GPS receiver	DGPS	SMG-PF500-1 802077	201038003	N/A	BASE 1 (CAL2, ME18, G213)
Navigation	GPS antenna	DGPS	SMG-CHK-1 700936 REV D	12741	N/A	BASE 1 (CAL2, ME18, G213)
GPS	Tripod	DGPS	SECO collapsible 2-m tripod	N/A	N/A	
Navigation	GPS receiver	DGPS	SMG-PF800-5 802136 E	201436032	N/A	BASE 2 (TCAL, RFS1)
Navigation	GPS antenna	DGPS	SMG-CHK-7 701945-02 Rev E	CR6200547005	N/A	BASE 2 (TCAL, RFS1)
GPS	Tripod	DGPS	SECO collapsible 2-m tripod	N/A	N/A	
Navigation	GPS receiver	DGPS	SMG-PF800-6 802136 D	201221031	N/A	BASE 3 (AV0360, DN4168)
Navigation	GPS antenna	DGPS	SMG-CHK-5 701945-02 REV E	CR6200538004	N/A	BASE 3 (AV0360, DN4168)
GPS	Tripod	DGPS	SECO collapsible 2-m tripod	N/A	N/A	

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2017-324-FA — SUB FAN: 17BIM05 (R/V *Sallenger*)

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT MODEL (P/N)	EQUIPMENT S/N	SOFTWARE VERSION	COMMENTS
Navigation	GPS receiver	DGPS	SMG-PF800-8 802136E	201518009	N/A	Boat GPS
Navigation	GPS antenna	DGPS	SMG-CHK-8 701945-02 REV E	CR200548008	N/A	Boat GPS
Single-beam bathymetry	Motion sensor	SBB	TSS DMS-05	040396	N/A	Boat motion (heave, roll, pitch)
Single-beam bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc. Echotrac CV-100	Odom 006203 Puck TR9300	eChart 1.5	Soundings (Rental unit - 4° puck)
Single-beam bathymetry	Sound velocity profiler	SOS	SonTek CastAway-CTD	SMG-CTD-3 400100	CC1624003	Sound velocity casts
Navigation	Hydrographic survey software	HY	N/A	N/A	HYPACK, Inc. v. 2016a	Boat navigation and data acquisition
Chirp	Chirp sub-bottom profiler	C	EdgeTech SB 424	51553	Discover V	

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2017-324-FA — SUB FAN: 17BIM06 (R/V *Jabba Jaw*)

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT MODEL (P/N)	EQUIPMENT S/N	SOFTWARE VERSION	COMMENTS
Navigation	GPS receiver	DGPS	SMG-PF800-3 201348008	802136E	N/A	Boat GPS
Navigation	GPS antenna	DGPS	SMG-CHK-4 701945-02 REV E	CR200548008	N/A	Boat GPS
Single-beam bathymetry	Motion sensor	SBB	TSS DMS-05 500154	31150	N/A	Boat motion (heave, roll, pitch)
Single-beam bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc. Echotrac CV-100	ODOM # 3 5567	eChart 1.5	Soundings, 4°
Single-beam bathymetry	Sound velocity profiler	SOS	SonTek CastAway-CTD	SMG-CTD-2 400100	CC1509004	Sound velocity casts
Navigation	Hydrographic survey software	HY	N/A	N/A	HYPACK, Inc. v. 2016a	Boat navigation and data acquisition

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2017-324-FA — SUB FAN: 17BIM07 (WVR1 – R/V *Shark*)

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT MODEL (P/N)	EQUIPMENT S/N	SOFTWARE VERSION	COMMENTS
Navigation	GPS receiver	DGPS	SMG-PF800-4 802136E	201436042	N/A	Boat GPS
Navigation	GPS antenna	DGPS	SMG-GNSS-3 ASH111661	8150	N/A	Boat GPS
Single-beam bathymetry	Motion sensor	SBB	SBG Ellipse A #1 G4A2-B1	40001086	N/A	Boat motion (heave, roll, pitch)
Single-beam bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc. Echotrac CV-100	ODOM # 1 4715 TR7649	eChart 1.5	Soundings, 4°
Single-beam bathymetry	Sound velocity profiler	SOS	SonTek CastAway-CTD	SMG-CTD-4 CACTD-I-1REVA	CC1624004	Sound velocity casts
Navigation	Hydrographic survey software	HY	N/A	N/A	HYPACK, Inc. v. 2016a	Boat navigation and data acquisition

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2017-324-FA

SUB FAN: 17BIM08 (WVR2 – R/V *Chum*)

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT MODEL (P/N)	EQUIPMENT S/N	SOFTWARE VERSION	COMMENTS
Navigation	GPS receiver	DGPS	SMG-PF800-7 802136D	201235041	N/A	Boat GPS
Navigation	GPS antenna	DGPS	SMG-GNSS-4 ASH111661	9384	N/A	Boat GPS
Single-beam bathymetry	Motion sensor	SBB	SBG Ellipse A #2 G4A2-B1	40001439	N/A	Boat motion (heave, roll, pitch)
Single-beam bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc. Echotrac CV-100	ODOM #2 5171	eChart 1.5	Soundings, 4°
Single-beam bathymetry	Sound velocity profiler	SOS	SonTek CastAway-CTD	SMG-CTD-5 CACTD-I-1REVA	CC1624005	Sound velocity casts
Navigation	Hydrographic survey software	HY	N/A	N/A	HYPACK, Inc. v. 2016a	Boat navigation and data acquisition