

**USGS SPCMSC FACS EQUIPMENT LOG**  
**ACTIVITY ID: 2017-323-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 DN4165
Navigation	GPS antenna	DGPS	SMG-CHK-1 700936 REV D	12741	N/A	
GPS	Tripod	DGPS	SECO collapsible 2-m tripod	N/A	N/A	
Navigation	GPS receiver	DGPS	SMG-PF500-2 805077	201038002	N/A	BASE 2 MIGP
Navigation	GPS antenna	DGPS	SMG-CHK-2 700936 REV D	CR 13149	N/A	
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
Navigation	GPS antenna	DGPS	SMG-CHK-5 701945-02 REV E	CR6200538004	N/A	
GPS	Tripod	DGPS	SECO collapsible 2-m tripod	N/A	N/A	

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2017-323-FA — SUB FAN: 17BIM01 (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-1 400100	CC1417004	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: 2017-323-FA — SUB FAN: 17BIM02 (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

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ACTIVITY ID: 2017-323-FA — SUB FAN: 17BIM03 (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 (JD 153-161) SMG- GNSS-8 ASH111661 (JD 162-163) SMG- GNSS-6 ASH111661 (JD164)	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

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ACTIVITY ID: 2017-323-FA

SUB FAN: 17BIM04 (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