

USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 13CCT04

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Navigation	GPS antenna	DGPS	Thales	Choke ring P/N 701945-02 Rev E	Digital	Boat (Back-up for OmniSTAR)
Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme Model 800889 Rev B	Digital	Boat (Back-up for OmniSTAR)
Chirp	Chirp sub-bottom profiler	I	EdgeTech	SB 512i	Digital	Discover Software v. 3.51
Chirp	Chirp sub-bottom profiler	C	EdgeTech	SB 424	Digital	Discover Software v. 3.51
Side Scan	Side scan sonar	SSS	Klein Associates, Inc.	System 3900	Digital	Sonar Pro v. 11.3
Interferometric Bathymetry	Interferometric sonar	IFB	SEA, Ltd.	SWATH <i>plus</i> +H 468 kHz	Digital	SWATH <i>plus</i> software v. 3.7.17

Interferometric Bathymetry	Precision Attitude and Positioning System	IMU/DGPS	CodaOctopus	Octopus F190R Wet Pod	Digital	SeaSTAR/OmniSTAR High Performance (HP) correction for chirp, swath, and side scan sonar
Interferometric Bathymetry	Sound velocity probe	SOS	Valeport	Mini SVP	Digital	Sound velocity at sonar head
Interferometric Bathymetry	Sound velocity profiler	SOS	Valeport	Mini SVP (cage)	Digital	Sound velocity profile casts
Interferometric Backscatter	Interferometric sonar	IFS	SEA, Ltd.	SWATH _{plus} +H 468 kHz	Digital	SWATH _{plus} software v. 3.07.17
Navigation	Hydrographic survey software	HY	HYPACK, Inc.	HYPACK v. 2010	Digital	Ship navigation