

USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 13BIM07

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Chirp	Chirp sub-bottom profiler	C	Edgetech	SB 424	Digital	Discover Software v. 3.51 4-20 kHz, Ping = 4 Hz
Interferometric Bathymetry	Interferometric sonar	IFB	SEA, Ltd.	SWATH <i>plus</i> +H 468 kHz	Digital	SWATH <i>plus</i> software v. 3.07.10 and v. 3.07.17
Interferometric Bathymetry	Precision Attitude and Positioning System	IMU/DGPS	CodaOctopus	Octopus F190R Wet Pod	Digital	Using SeaSTAR/OmniSTAR High Performance (HP) correction for chirp, swath, and backscatter
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 <i>plus</i> +H 468 kHz	Digital	SWATH <i>plus</i> software v. 3.07.10 and v. 3.07.17
Interferometric Backscatter	Precision Attitude and Positioning System	IMU/DGPS	CodaOctopus	Octopus F190R Wet Pod	Digital	Using SeaSTAR/OmniSTAR High Performance (HP) correction used chirp, swath, and backscatter
Interferometric Backscatter	Sound velocity probe	SOS	Valeport	Mini SVP	Digital	Sound velocity at sonar head

Interferometric Backscatter	Sound velocity profiler	SOS	Valeport	Mini SVP (cage)	Digital	Sound velocity profile casts
Navigation	Hydrographic survey software	HY	HYPACK, Inc.	HYPACK v. 2011	Digital	Ship navigation