

USGS CMSC FACS EQUIPMENT LOG

ACTIVITY ID: 09CCT03

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Swath	Interferometric sonar	SW	SEA, Ltd.	SWATH ^{plus} -H 468-kHz interferometric system	Digital	Swath Processor Software v. 3.6
Chirp	High-resolution seismic	CH	EdgeTech	SB424 chirp sub-bottom profiler	Digital	Discover Software v. 3.50
Navigation	IMU/GPS	DGPS	CodaOctopus	Octopus F190 Precision Attitude and Positioning System	Digital	OmniSTAR High Performance (HP) correction; 20-cm accuracy used for chirp, swath, and ship navigation
Navigation	Hydrographic survey software	DGPS	HYPACK, Inc.	HYPACK v. 4.3a	Digital	Ship navigation
Speed of sound	SOS velocity probe	SOS	Valeport	Mini SVP	Digital	SOS at swath sonar head
GPS	Navigation Receiver	DGPS	Ashtech	Z-Xtreme	Digital	One at base station, one on boat
GPS	Navigation Antenna	DGPS	Thales	P/N 701945-02 Rev E	Digital	One at base station, one on boat
GPS	Tripod	DGPS	SECO	Collapsible 2-m tripod	NA	Base locations
GPS	Buggy	BG	USGS	Version 1	Digital	Shoreline x,y,z