

USGS CMSC FACS EQUIPMENT LOG

ACTIVITY ID: 10CCT02

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Swath system	Interferometric sonar	SW	SEA, Inc.	SWATHplus-H 468-kHz Interferometric system	digital	Swath Processor Software v. 3.06
Chirp system	High resolution seismic	CH	EdgeTech	SB424 Chirp Sub- bottom Profiler	digital	Discover Software v. 3.51
Side scan system	Side scan sonar	SS	Klein	L3900 Side Scan Towfish	digital	SonarPro v. 11.3
Navigation system	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 system	Navigation	DGPS	HYPACK, Inc.	HYPACK v. 9	digital	Ship navigation
Speed of Sound	SOS velocity probe	SOS	Valeport	Mini SVP	digital	SOS at swath sonar head
Speed of Sound	SOS velocity probe	SOS	Valeport	Mini SVP	analog	SOS profile casts / manual recording
Speed of Sound	SOS velocity profiler	SOS	Valeport	SV Profiling Unit	digital	SOS profile casts