

## USGS CMSC FACS EQUIPMENT LOG

ACTIVITY ID: 13CCT01

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Single-beam bathymetry	Bathymetry profiler	SBB	Knudsen	Knudsen 320BP	Digital	Used the high frequency channel for depth and the low frequency channel for shallow sub-bottom.
Navigation	Navigation	HY	HYPACK, Inc.	HYPACK v. 10.0	Digital	Ship navigation and single-beam bathymetry acquisition.
Single-beam bathymetry	Speed of sound	SOS	Valeport	Mini SVP	Digital	SOS profile casts
GPS/Navigation	GPS Receiver	DGPS	Ashtech	Z-Xtreme	Digital	One at base station, one on boat
GPS/Navigation	GPS Antenna	DGPS	Thales	P/N 701945-02 Rev E	Digital	One at base station, one on boat
GPS/Navigation	Tripod	DGPS	SECO	Collapsible 2-m	Mechanical	Base location
Ground Penetrating Radar	GPR	GPR	GSSI	SIR-3000 / 200 MHz Antenna	Digital	Ground penetrating radar profiles
Sediment sampling	Push cores	PC	USGS	N/A	4" diameter plexiglass barrels	Sediment extruder
Sediment sampling	Push cores	PC	Aquatic Research Instruments	Russian Peat Borer	2" inside diameter PVC pipe, split lengthwise	50-centimeter or 1-meter sections
Sediment sampling	Grab sample	GRAB		Ponar-style grab sampler		