

USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2014-317-FA

| EQUIPMENT SYSTEM | EQUIPMENT TYPE | EQUIPMENT CODE | EQUIPMENT BRAND | EQUIPMENT MODEL | EQUIPMENT MEDIA | COMMENTS |
|----------------------------|-------------------------------------------|----------------|------------------------|---------------------------|-----------------|-------------------------------------------------------------|
| Interferometric Bathymetry | Interferometric sonar | IFB | SEA, Ltd. | SWATHplus-H 468-kHZ | Digital | SWATH <i>plus</i> Software 3.07.17.00 |
| Interferometric Bathymetry | Precision Attitude and Positioning System | IMU/DGPS | CodaOctopus | Octopus F190R Wet Pod | Digital | Using Marinestar High Performance (HP) for differential GPS |
| Time Server | Time Server | TS | Symmetricom | S100 | Digital | Synchronize all data acquisition computers |
| 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 |
| Chirp | Chirp sub-bottom profiler | C | EdgeTech | SB 512i | Digital | Discover Software v. 3.5.1 |
| Side-Scan | Side-Scan Sonar | SSS | Klein Associates, Inc. | System 3900 | Digital | SonarPro v. 12.1 |
| Magnetometer | Magnetometer | MAG | GEOMETRIX | G-882 Marine Magnetometer | Digital | MagLogLite 3.38 NT software v. 2.0.0.0 |
| Navigation | Hydrographic survey software | HY | HYPACK, Inc. | HYPACK v. 2014 | Digital | Ship navigation |