

USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2014-314-FA

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Navigation	GPS receiver	DGPS	Magellan	ProFlex 500 P/N 802077 G	Digital	Primary base station
Navigation	GPS antenna	DGPS	Thales	Choke ring P/N 701945-02 Rev E	Digital	Primary base station
Navigation	GPS receiver	DGPS	Magellan	ProFlex 500 P/N 802077 G	Digital	Secondary base station
Navigation	GPS antenna	DGPS	Ashtech	Choke ring P/N 701945-02 Rev E	Digital	Secondary base station
GPS	Tripod	DGPS	SECO	Collapsible 2-m tripod	Mechanical	Base stations

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Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme P/N 800889 Rev D	Digital	R/V <i>Sallenger</i> (14BIM01)
Navigation	GPS antenna	DGPS	Thales	Choke Ring P/N 700936 Rev D	Digital	R/V <i>Sallenger</i> (14BIM01)
Bubble Pulser	Bubble Pulser sub-bottom profiler	P	Falmouth Scientific	Model HMS-620	Digital	R/V <i>Sallenger</i> (14BIM01)
Interferometric Bathymetry	Interferometric sonar	IFB	SEA, Ltd.	SWATH <i>plus</i> +H 468 kHz	Digital	R/V <i>Sallenger</i> (14BIM01) 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	R/V <i>Sallenger</i> (14BIM01) Using Marinestar High Performance (HP) correction for sub-bottom, swath, and backscatter
Interferometric Bathymetry	Sound-velocity probe	SOS	Valeport	Mini SVP	Digital	R/V <i>Sallenger</i> (14BIM01) Sound velocity at sonar head
Interferometric Bathymetry	Sound-velocity profiler	SOS	SonTek	CastAway-CTD	Digital	R/V <i>Sallenger</i> (14BIM01) Sound velocity profile casts
Interferometric Backscatter	Interferometric sonar	IFS	SEA, Ltd.	SWATH <i>plus</i> +H 468 kHz	Digital	R/V <i>Sallenger</i> (14BIM01) SWATH <i>plus</i> software v. 3.07.10 and v. 3.07.17

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Interferometric Backscatter	Precision Attitude and Positioning System	IMU/DGPS	CodaOctopus	Octopus F190R Wet Pod	Digital	R/V <i>Sallenger</i> (14BIM01) Using Marinestar High Performance (HP) for differential GPS
Time Server	Time Server	TS	Symmetricom	S100	Digital	R/V <i>Sallenger</i> (14BIM01) Data acquisition
Navigation	Hydrographic survey software	HY	HYPACK, Inc.	HYPACK v. 2014	Digital	R/V <i>Sallenger</i> (14BIM01) Ship navigation

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Navigation	GPS antenna	DGPS	Thales	Choke ring P/N 700936 Rev D	Digital	R/V <i>Jabba Jaw</i> (14BIM02)
Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme P/N 800889 Rev B	Digital	R/V <i>Jabba Jaw</i> (14BIM02)
Single-beam Bathymetry	Motion sensor	SBB	TSS	DMS-05	Digital	R/V <i>Jabba Jaw</i> (14BIM02) Boat motion sensor
Single-beam Bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc.	Echotrac CV100	Digital	R/V <i>Jabba Jaw</i> (14BIM02) Soundings
Single-beam Bathymetry	Sound-velocity profiler	SOS	SonTek	CastAway-CTD	Digital	R/V <i>Jabba Jaw</i> (14BIM02) Sound velocity profile casts
Navigation	Hydrographic survey software	HY	HYPACK, Inc.	HYPACK v. 2014	Digital	R/V <i>Jabba Jaw</i> (14BIM02) Ship navigation

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Navigation	GPS antenna	DGPS	Magellan	GNSS 111406 P/N AT1675-75MW	Digital	R/V <i>Chum Bucket</i> (14BIM03)
Navigation	GPS receiver	DGPS	Magellan	ProFlex 800 P/N 802136	Digital	R/V <i>Chum Bucket</i> (14BIM03)
Single-beam Bathymetry	Echo sounder	SBB	Odom Hydrographic Systems, Inc.	Echotrac CV100	Digital	R/V <i>Chum Bucket</i> (14BIM03) Soundings
Single-beam Bathymetry	Sound-velocity profiler	SOS	SonTek	CastAway-CTD	Digital	R/V <i>Chum Bucket</i> (14BIM03) Sound velocity profile casts
Navigation	Hydrographic survey software	HY	HYPACK, Inc.	HYPACK v. 2013A	Digital	R/V <i>Chum Bucket</i> (14BIM03) Ship navigation