

# USGS SPCMSC FACS EQUIPMENT LOG

ACTIVITY ID: 2014-322-FA (14CTB02)

EQUIPMENT SYSTEM	EQUIPMENT TYPE	EQUIPMENT CODE	EQUIPMENT BRAND	EQUIPMENT MODEL	EQUIPMENT MEDIA	COMMENTS
Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme 800889 Rev D	Digital	Base station
Navigation	GPS antenna	DGPS	Thales	Choke Ring 701945-02 Rev E	Digital	Base station
Navigation	GPS receiver	DGPS	Trimble	NetR9	Digital	Secondary base station (NPS)
Navigation	GPS antenna	DGPS	Trimble	GNSS-Ti Choke Ring Model 59900.00	Digital	Secondary base station (NPS)
Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme 8 00889 Rev B	Digital	Rover A – sediment sampling
Navigation	GPS antenna	DGPS	Ashtech	Marine antenna 700700 (B)	Digital	Rover A – sediment sampling
Navigation	GPS receiver	DGPS	Ashtech	Z-Xtreme 800889 Rev B	Digital	Rover B – GPR and sediment sampling
Navigation	GPS antenna	DGPS	Ashtech	Geodetic antenna 701975-01 Rev A	Digital	Rover B – GPR and sediment sampling

<b>EQUIPMENT SYSTEM</b>	<b>EQUIPMENT TYPE</b>	<b>EQUIPMENT CODE</b>	<b>EQUIPMENT BRAND</b>	<b>EQUIPMENT MODEL</b>	<b>EQUIPMENT MEDIA</b>	<b>COMMENTS</b>
GPS	Tripod	DGPS	SECO	Collapsible 2-m tripod	Mechanical	Base stations
GPS	Beach pole	DGPS	USGS		Mechanical	Rover A,B – sediment sampling
GPS	Backpack	DGPS	SECO		Mechanical	Rover B - GPR
GPS	Handheld GPS	GPS	Garmin	GPSMap 76S	Digital	Navigation to target sites and site waypoints
GPS	Handheld GPS	GPS	Garmin	GPSMap 76	Digital	GPR navigation; navigation to target sites and site waypoints
Sediment Sampling	Sand auger	PC	AMS	Sand/loose sediment probe	1" × 24" plastic core liners	
Sediment Sampling	Transfer Shovel				Mechanical	Trenches

<b>EQUIPMENT SYSTEM</b>	<b>EQUIPMENT TYPE</b>	<b>EQUIPMENT CODE</b>	<b>EQUIPMENT BRAND</b>	<b>EQUIPMENT MODEL</b>	<b>EQUIPMENT MEDIA</b>	<b>COMMENTS</b>
Water Quality	Refractometer		SPER Scientific	300011 Salt Refractometer	Analog	Salinity sampling at trench sites
Water Quality	Multi-parameter sensor		YSI	Pro Plus	Digital	Water parameters at estuarine and marsh sites
GPR	GPR antenna	GPR	GSSI	200 MHz shielded antenna	Digital	
GPR	GPR antenna	GPR	GSSI	400 MHz shielded antenna	Digital	
GPR	GPR control unit	GPR	GSSI	SIR-300	Digital	
GPR	GPR navigation	GPR	Acumen	DataLogger	Digital	Sync rover GPS with GPR