

**USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 13CCT01**

TOPIC	INFORMATION
USGS ACTIVITY ID	13CCT01
OTHER ID (IF ANY)	
ORGANIZATION(S)/PROGRAM	USGS - SPCMSC
PROJECT/THEME	Coastal Change and Transport
AREA OF OPERATION	New Iberia, Louisiana Weeks Bay within Vermillion Bay
PRINCIPAL INVESTIGATOR	Christopher G. Smith
INFORMATION SPECIALIST(S)	Nancy T. DeWitt, B.J. Reynolds, Christopher D. Reich
ACTIVITY TYPE	Single-beam bathymetry, shallow sub-bottom profiling, GPR (ground penetrating radar) testing, sediment coring and grab sampling.
SCIENTIFIC PURPOSE/GOALS	Establish baseline bathymetry for repeated bathymetry surveys in the area. Data from the survey will be used in an effort to identify and track sediment movement between the marsh and the channel environments.
PLATFORM	RV <i>Mako</i>
STARTING DATE	2013-01-13
STARTING PORT	Cypremort Point, LA
ENDING DATE	2013-01-21
ENDING PORT	Cypremort Point, LA
EQUIPMENT USED	Tripods, sound velocity profiling unit, Knudsen 320BP Bathy profiler, laptops, DGPS, GPS, Thales choke-ring antenna, Ashtech marine antenna, camera, batteries, Ashtech Z-Xtreme Receivers, GPR, Russian Peat Auger, and push core equipment.
INFORMATION TO BE DERIVED	Bathymetry data (x,y,z), base station data, differential navigation, shallow sub-bottom profile, sedimentary analysis, GPR profiles
SUMMARY OF ACTIVITY AND DATA GATHERED	Single-beam bathy lines (74); Knudsen sub-bottom lines (74), sound velocity profiles (22) ; Sediment push cores – 4-inch (3); Peat auger cores (2); Ponar-sediment grab samples (4); GPR profile lines (15)
NOTES	Operation personnel were used to design the single beam mount for the RV <i>Mako</i> . Boat Staff: Christopher G. Smith, Christopher D. Reich, Nancy T. DeWitt.

	Ground GPS Control: B.J. Reynolds. Digital FACS logs were generated by N.T. DeWitt in January 2013 using the handwritten logbook and personal accounts of the crew members.
--	--

The St. Petersburg naming convention is as follows: YYPRJ##, where YY is a two-digit abbreviation for the calendar year the data were collected, PRJ is a three-letter acronym for the project, task, or theme the data were collected under, and ## is a sequential number for each field activity under that project for that calendar year. If a project already has adopted a standardized unique and meaningful field activity naming convention, there are ways to incorporate it into the system. Please do not use strictly geographic specific PRJs. We strongly suggest using topical ones instead, since locations may be revisited for various purposes during a field season. Arnell Forde (aforde@usgs.gov; (727) 502-8000 x8111) will coordinate assigning these Field Activity Ids with input from the PIs or project data managers.