

USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 13CCT04

TOPIC	INFORMATION
USGS ACTIVITY ID:	13CCT04
OTHER ID (IF ANY):	MsCIP
ORGANIZATION(S)/PROGRAM:	USGS SPCMSC, US Army Corps of Engineers
PROJECT/THEME:	Coastal Change and Transport
AREA OF OPERATION:	Offshore of Petit Bois Pass, MS
PRINCIPAL INVESTIGATOR(S):	Jim Flocks
INFORMATION SPECIALIST(S):	Julie Bernier, William Pfeiffer, Nancy DeWitt, Kyle Kelso, Dana Weise
ACTIVITY TYPE:	Sand resource mapping
SCIENTIFIC PURPOSE/GOALS:	Identify sand resources for barrier island restoration
PLATFORM:	RV <i>Tommy Munro</i>
STARTING DATE:	8/13/2013
STARTING PORT:	Biloxi, MS
ENDING DATE:	8/23/2013
ENDING PORT:	Biloxi, MS
EQUIPMENT USED:	SEA SWATH ^{plus} -H 468-kHz interferometric system, Valeport sound velocity profiling unit, Valeport mini sound velocity probe, CodaOctopus Octopus F190 Precision Attitude and Positioning System DGPS/IMU, EdgeTech 512i chirp sub-bottom profiler, EdgeTech 424 chirp sub-bottom profiler, Klein System 3900 side scan sonar, laptop computers for acquisition and on-board processing, Ashtech Z-Xtreme DGPS receivers, Ashtech and Thales choke ring antenna.
INFORMATION TO BE DERIVED:	Seafloor morphology and lithology, subsurface stratigraphy, sand isopach
SUMMARY OF ACTIVITY AND DATA GATHERED:	Interferometric swath bathymetry (129 lines), side scan sonar (113 lines), and chirp sub-bottom profiles (129 lines), sound velocity profile casts (37)
STAFF:	Jim Flocks, Jack Kindinger, Julie Bernier, Nancy DeWitt, Kyle Kelso, Dana Weise (USGS SPCMSC), and William Pfeiffer (Cherokee Nation Technology Solutions)
NOTES:	FACS logs generated by J. Bernier and from handwritten field logs.

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.