

**USGS CMSC FACS OVERVIEW LOG**  
**ACTIVITY ID: 13BIM07**

<b>TOPIC</b>	<b>INFORMATION</b>
USGS ACTIVITY ID	13BIM07
OTHER ID (IF ANY)	BIER - Geophysics
ORGANIZATION(S)/PROGRAM	USGS SPCMSC
PROJECT/THEME	Barrier Island Mapping
AREA OF OPERATION	Northern Chandeleur Islands, La.
PRINCIPAL INVESTIGATOR(S)	Jennifer Miselis
INFORMATION SPECIALIST(S)	Nancy DeWitt
ACTIVITY TYPE	Geophysical mapping of the northern Chandeleur Islands
SCIENTIFIC PURPOSE/GOALS	Collect swath bathymetry and backscatter data in the nearshore and around Hewes Point; collect sub-bottom data around Hewes Point.
PLATFORM	<i>RV Sallenger</i>
STARTING DATE	8/22/2013
STARTING PORT	Point Cadet Marina, Biloxi, Miss.
ENDING DATE	9/1//2013
ENDING PORT	Point Cadet Marina, Biloxi, Miss.
EQUIPMENT USED	SEA SWATH <sup>plus</sup> -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 424 chirp sub-bottom profiler, laptop computers for acquisition and on-boat processing
INFORMATION TO BE DERIVED	Single-beam bathymetry
SUMMARY OF ACTIVITY AND DATA GATHERED	Interferometric swath bathymetry (70 lines), interferometric backscatter (70 lines), and chirp sub-bottom profiles(3 lines), sound velocity profile casts (24)
STAFF	Jennifer Miselis, Dana Weise, and BJ Reynolds (USGS SPCMSC),
NOTES	FACS logs generated digitally by D. Wiese and Jennifer Miselis.

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](mailto:aforde@usgs.gov); (727) 502-8000 x8111) will coordinate assigning these Field Activity Ids with input from the PIs or project data managers.