

**USGS CMSC FACS OVERVIEW LOG**  
**ACTIVITY ID: 13BIM03**

<b>TOPIC</b>	<b>INFORMATION</b>
USGS ACTIVITY ID:	13BIM03
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, Jim Flocks
INFORMATION SPECIALIST(S):	Julie Bernier, William Pfeiffer, Nancy DeWitt
ACTIVITY TYPE:	Geophysical mapping of the northern Chandeleur Islands
SCIENTIFIC PURPOSE/GOALS:	Collect single-beam bathymetry along long-term monitoring change lines and in the nearshore and surf zone.
PLATFORM:	<i>RV Twin Vee, MV Southern VI</i>
STARTING DATE:	7/5/2013
STARTING PORT:	Point Cadet Marina – Biloxi, MS
ENDING DATE:	7/19/2013
ENDING PORT:	Point Cadet Marina – Biloxi, MS
EQUIPMENT USED:	TSS DMS-05 motion sensor, Odom Echotrac CV-100 acoustic depth sounder and transducer, Valeport sound velocity profiling unit, laptop computers for acquisition and on-boat processing, Ashtech Z-Extreme and Magellan Proflex 500 DGPS receivers, Ashtech and Thales choke ring antennae, Magellan GNSS antennae, SECO collapsible tripods.
INFORMATION TO BE DERIVED:	Singlebeam bathymetry
SUMMARY OF ACTIVITY AND DATA GATHERED:	Singlebeam bathymetry (76 lines), sound velocity profile casts (34)
STAFF:	Jennifer Miselis, Jim Flocks, Nancy DeWitt, Kyle Kelso, B.J. Reynolds, Dave Thompson, Julie Bernier (USGS SPCMSC), and William Pfeiffer (Cherokee Nation Technology Solutions)
NOTES:	FACS logs generated by J. Bernier from handwritten and digital field logs and notes.

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.