

**USGS CMG OVERVIEW LOG
ACTIVITY ID: 11BIM01**

TOPIC	INFORMATION
USGS ACTIVITY ID	11BIM01
OTHER ID (IF ANY)	
ORGANIZATION	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
PROJECT	Barrier Island Mapping
AREAS OF OPERATION	Chandeleur Islands, LA
CHIEF SCIENTIST(S)	Jennifer L. Miselis
INFORMATION SPECIALIST(S)	Dana S. Wiese
ACTIVITY TYPE	Seafloor mapping/shallow subbottom profiling via geophysical surveys (high-resolution seismic and swath).
SCIENTIFIC PURPOSE/GOALS	To investigate the geologic controls on barrier island framework and long-term sediment transport offshore of the Chandeleur Islands.
PLATFORM	R/V <i>Survey Cat</i>
STARTING DATE	June 3, 2011
STARTING PORT	Biloxi, Mississippi
ENDING DATE	June 13, 2011
ENDING PORT	Biloxi, Mississippi
EQUIPMENT USED	Edgetech SB-424 subbottom profiler running DISCOVER version 3.51 acquisition software, SEA SWATHplus (234 kHz) bathymetry system, and F190 DGPS/IMU navigation systems.
INFORMATION TO BE DERIVED (GRAIN SIZE, DEPTH TO BASEMENT)	Shallow geologic framework - Shallow subbottom image profiles, swath bathymetry (X, Y, Z) and backscatter data.
SUMMARY OF ACTIVITY AND DATA GATHERED	A total of 133 chirp 2-D subbottom profiles and swath lines were collected.
NOTES	Digital 11BIM01 logs were generated by A. Forde in June 2012 using the handwritten logs and personal accounts of the crew members.