

**USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 11BIM02**

TOPIC	INFORMATION
USGS ACTIVITY ID	11BIM02
OTHER ID (IF ANY)	
ORGANIZATION(S)/PROGRAM	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
PROJECT/THEME	Coastal and Marine Geology, Barrier Island Mapping
AREA OF OPERATION	Louisiana Barrier Islands, Northern Chandeleur Islands
PRINCIPAL INVESTIGATOR	James G. Flocks
INFORMATION SPECIALIST(S)	Nancy T. DeWitt and Kyle Kelso
ACTIVITY TYPE	Seafloor mapping using single-beam bathymetry
SCIENTIFIC PURPOSE/GOALS	Berm Study
PLATFORM	RV <i>Twin Vee</i>
STARTING DATE	June 6, 2011
STARTING PORT	Point Cadet Marina, Biloxi, Mississippi
ENDING DATE	June 16, 2011
ENDING PORT	Point Cadet Marina, Biloxi, Mississippi
EQUIPMENT USED	Marimatech E-SEA Sound 206 Echosounder, TSS DMS-05 Motion Sensor, HYPACK, Inc. for ship navigation, 1 Smart SV probe, 3 Ashtech Z-Xtreme GPS receivers, 3 Thales choke-ring antennae, 2 SECO 2- m collapsible tripods.
INFORMATION TO BE DERIVED	Single-beam bathymetry data (x,y,z), and magnetometer data
SUMMARY OF ACTIVITY AND DATA GATHERED	HYPACK Lines (166), single-beam bathymetry lines (158), magnetometer lines(145)
NOTES	Boat Staff – B.J. Reynolds and Kyle W. Kelso Digital 11BIM02 FACS logs were generated by N. DeWitt in July of 2011 using the handwritten logbook and personal accounts of the crew members