

USGS CMSC FACS OVERVIEW LOG
ACTIVITY ID: 07CCT01

TOPIC	INFORMATION
USGS ACTIVITY ID	07CCT01
OTHER ID (IF ANY)	Ship Island nearshore bathymetric pilot survey
ORGANIZATION(S)/PROGRAM	U.S. Geological Survey (USGS), St. Petersburg Coastal and Marine Science Center
PROJECT/THEME	Northern Gulf of Mexico (NGOM) Ecosystem Change and Hazard Susceptibility Project/ Coastal Change and Transport (CCT)
AREA OF OPERATION	Ship Island, Miss. (Northern Gulf of Mexico)
PRINCIPAL INVESTIGATOR	Dawn Lavoie and James G. Flocks
INFORMATION SPECIALIST(S)	Nancy T. DeWitt
ACTIVITY TYPE	Seafloor mapping
SCIENTIFIC PURPOSE/GOALS	To utilize 4 remaining days of a Louisiana survey to survey two important areas of Ship Island, Miss., Camille Cut, and the nearshore shallows in front of Fort Massachusetts. This is the start of a larger effort to quantitatively and qualitatively assess the geological future of these barrier islands.
PLATFORM	<i>RV Survey Cat</i>
STARTING DATE	July 28, 2007
STARTING PORT	Biloxi, Miss.
ENDING DATE	August 1, 2007
ENDING PORT	Biloxi, Miss.
EQUIPMENT USED	HYPACK Inc. v. 4.3a for ship navigation and data acquisition, Marimatech E-SEA 103 Echosounder, TSS DMS-05 Motion Sensor, DGPS from three Ashtech Z-Xtreme GPS units, three Thales Choke Ring Antennas (P/N 701945-02 Rev E), two SECO 2-m collapsible tripods
INFORMATION TO BE DERIVED	High precision single-beam bathymetric data (x,y,z)
SUMMARY OF ACTIVITY AND DATA GATHERED	Single-beam lines (97), trackline length (221 km), 4 days GPS occupations (631 MB)
NOTES	Boat Staff - Nancy T. DeWitt, B.J. Reynolds Digital 07CCT01 FACS logs were generated by N. DeWitt in August of 2007 using the handwritten logbook and personal accounts of the crew members

*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) 803-8747 x3111) will coordinate assigning these Field Activity IDs with input from the PIs or project data managers.