

USGS CMSC FACS OVERVIEW LOG  
FIELD ACTIVITY ID: 10CCT05

TOPIC	DATA
ID	10CCT05
Also Known As	G-5-10-GM
Abstract	United States Geological Survey, St. Petersburg Coastal and Marine Science Center. Chief Scientist: James Flocks. Vibracore operations data of field activity 10CCT05 (G-5-10-GM) for the Mississippi Barrier Islands from 08/09/2010 to 10/05/2010
Organization	United States Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Northern Gulf of Mexico (NGOM) Ecosystem Change and Hazard Susceptibility
Chief Scientist	James Flocks
Activity Type	Vibracore Operations
Platform	<i>R/V G.K. Gilbert</i>
Area of Operation	Mississippi Barrier Islands, Gulf of Mexico
Dates	08/09/2010 (JD 221) to 10/05/2010 (JD 278)
Information Specialist	Kyle Kelso
Purpose	The purpose of this fieldwork is to ground truth geophysical data collected during previous research cruises 08CCT02, 08CCT03, 09CCT03, 09CCT04, 10CCT01, 10CCT02, and 10CCT03.
Information to be Derived	Ground truthing of geophysical data will include the investigation subsurface sedimentological properties using: lithostratigraphic interpretation, age dating, photographic documentation, and grain size analysis.
Summary	Approximately 60-70 sediment cores will be obtained at various locations around the Mississippi barrier Island complex. These sedimentological data will help to understand the integral geomorphological properties of barrier island sustainability and natural migration.