

USGS CMG FACS Overview Log

Activity ID: 95GFP01

Topic	Information
USGS Activity ID	95GFP01
Other ID (if any)	Lake Pontchartrain 1995
Organization	USGS, University of New Orleans, Lake Pontchartrain Basin Foundation, National Oceanic and Atmospheric Administration, Coalition to Restore Louisiana, U.S. Army Corps of Engineers, Environmental Protection Agency, University of Georgia
Project	Geologic Framework and Processes
Area of Operation	Lakes Pontchartrain and Borgne, LA
Chief Scientist(s)	S. Jeffress Williams
Activity Type	Boomer & Sidescan (Jul 23-26); Bathymetry (Jul 27-29)
Scientific Purpose/Goals	Geologic framework and coastal processes study
Platform	<i>R/V G.K. Gilbert</i>
Starting Date	July 23, 1995
Starting Port	New Orleans Municipal Marina
Ending Date	July 29, 1995
Ending Port	New Orleans Municipal Marina
Equipment Used	Boomer, Sidescan, Bathymetry
Information to be Derived (e.g., Grain Size, Depth to Basement)	Geophysical data
Summary of Activity and Data Gathered	Boomer (13 lines), Sidescan, Bathymetry
Notes	95GFP01 FACS logs were generated by Karynna Calderon in March of 2003 using the handwritten logbooks and personal accounts of the crew members.

USGS CMG FACS Equipment Log

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Equipment System	Equipment Type	Equipment Code	Equipment Brand	Equipment Model	Equipment Media	Comments
Boomer System	Sub-Bottom Profiler	BOOM	Huntec	ESU-PSU	Digital/ Paper	Huntec power supply and plate; ITI ST5 10-channel streamer; Phones used unknown; Delph Seismic software
Navigation System I	Navigation Receiver	DGPS	Trimble	NavTrac/ NavBeacon XL	Digital	boomer and bathymetry DGPS; Geolink XDS software
Sidescan/ Sonar System	Sidescan	SS	EdgeTech	272-TD	Digital	Delph sidescan software
Navigation System II	Navigation Receiver	GPS	Trimble	Ensign XL	Digital	sidescan GPS
Bathymetry	Bathymetry		Innerspace			depth recorder

USGS CMG FACS Crew Log

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Name	Responsibility	Affiliation
S. Jeffress Williams	Chief Scientist	USGS - Woods Hole, MA
Dana S. Wiese	Electronics Technician	USGS - St. Petersburg, FL