

**USGS CMG FACS OVERVIEW LOG**

**ACTIVITY ID: 01RCE05**

TOPIC	INFORMATION
USGS Activity ID	01RCE05
Other ID (if any)	
Organization	USGS
Project	River Contaminant Evaluation (RCE)
Area Of Operation	Lower Atchafalaya River and Mississippi River Delta
Chief Scientist(s)	James Flocks
Activity Type	Boomer (Oct. 23-24, 30) Chirp (Oct. 24-29) Sidescan (Oct. 23-30)
Scientific Purpose/Goals	Evaluate contaminant inventories in riverine environments
Platform	<i>R/V G.K. Gilbert</i>
Starting Date	October 23, 2001
Starting Port	Morgan City, LA
Ending Date	October 30, 2001
Ending Port	Morgan City, LA
Equipment Used	Boomer, Chirp, Sidescan
Information To Be Derived (e.g. Grain Size, Depth To Basement)	Geophysical Data
Summary Of Activity And Data Gathered	Boomer (13 lines) Chirp (6 lines) Sidescan
Notes	Digital 01RCE05 FACS logs were generated by Karynna Calderon in July 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	Applied Acoustic Engineering	CSP 300	Digital	Applied Acoustic CSP 300 power supply; Applied Acoustic AA200 plate; SN Tech. NexGen 10-channel streamer (phones 7-8 on); Delph Seismic software, v. 2.03
Chirp System	Sub-bottom Profiler	CHIRP	EdgeTech	X-Star	Digital	Towfish model SB-424; Delph Seismic FSSB software, v. 2.03
Sidescan System	Sidescan	SS	Marine Sonic Technology, Ltd.	Marine Sonic	Digital	600 kHz system; Sea Scan software, v. 1.6.3
Navigation System	Navigation Receiver	DGPS	CSI Wireless	DGPS Max	Digital	WAAS/Beacon DGPS; HYPACK software

USGS CMG FACS CREW LOG  
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<b>NAME</b>	<b>RESPONSIBILITY</b>	<b>AFFILIATION</b>
James Flocks	Chief Scientist	USGS - St. Petersburg, FL
Nicholas Ferina	Geologist	USGS - St. Petersburg, FL
Dana Wiese	Electronics Technician	USGS - St. Petersburg, FL
Richard Young	Boat Captain	USGS - St. Petersburg, FL