

**USGS CMG FACS OVERVIEW LOG**  
**ACTIVITY ID: 01SCC02**

<b>TOPIC</b>	<b>INFORMATION</b>
<b>USGS ACTIVITY ID</b>	01SCC02 (2001 Subsidence and Coastal Change 02)
<b>OTHER ID (IF ANY)</b>	
<b>ORGANIZATION</b>	USGS
<b>PROJECT</b>	Subsidence and Coastal Change
<b>AREA OF OPERATION</b>	Timbalier Bay and offshore East Timbalier Island, LA
<b>CHIEF SCIENTIST(S)</b>	Jim Flocks
<b>ACTIVITY TYPE</b>	High-Resolution Seismic, Chirp, Vibracore
<b>SCIENTIFIC PURPOSE/GOALS</b>	Characterize near surface geology, as it relates to sediment inventory.
<b>PLATFORM</b>	R/V G.K. Gilbert
<b>STARTING DATE</b>	7/25/2001 (Julian Day 206)
<b>STARTING PORT</b>	Port Furchon, LA
<b>ENDING DATE</b>	8/18/2001 (Julian Day 230)
<b>ENDING PORT</b>	Port Furchon, LA
<b>EQUIPMENT USED</b>	Boomer, Chirp, Vibracore
<b>INFORMATION TO BE DERIVED (E.G.,GRAIN SIZE, DEPTH TO BASEMENT)</b>	Sediment type, thickness, and distribution maps
<b>SUMMARY OF ACTIVITY AND DATA GATHERED</b>	Second leg of data collection. Collected 46 boomer lines, 35 chirp lines, and vibracores.
<b>NOTES</b>	Bounding Box: N: 29.143576, S: 28.946107 E: -90.182895, W: -90.395033 WGS84 On JD 228 switched to U.N.O. 21' Proline fishing boat

**USGS CMG FACS EQUIPMENT LOG**  
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<b>EQUIPMENT SYSTEM</b>	<b>EQUIP TYPE</b>	<b>EQUIP CODE</b>	<b>EQUIPMENT BRAND</b>	<b>EQUIPMENT MODEL</b>	<b>EQUIPMENT MEDIA</b>	<b>COMMENTS</b>
Applied Acoustics	Seismic	Boomer	Applied Acoustics	CSP300	Digital	AA200 plate, 100 Joules, Elics DelphSeismic V 203, NexGen 10 ch phone, BSI PC, UTM_401_1.pln
						12Khz Sample Freq., OYO608 Plotter
EdgeTech X-Star	Chirp	Chirp	EdgeTech	X-Star	Digital - Paper	Using SP424 towfish, Elics FSSB V203 25Khz Sample Freq
DGPS	Navigation	Nav	CSI	CSI DGPS Max	Digital	WAAS/Beacon DGPS, HYPack Lite Software V14.8, Output supplied to all systems Innerspace 488 for depth
GPS	Navigation	Nav	Trimble	Centurian P-Code	Digital	used for boomer lines 82-93, Fugawi
						CHIRP: 2m down, 2m back (starboard) PHONES: 6 m back, 3m off (starboard)
						PLATE: 10m back, 1m off (port) 100 Joules, 500Ms shot, 100MS save Phones 4,5,6,7 on – 2m phone spacing
Vibracore	Vibracore	VC				

**USGS CMG FACS CREW LOG**  
**ACTIVITY ID: 01SCC02**

<b>NAME</b>	<b>RESPONSIBILITY</b>	<b>AFFILIATION</b>
Jim Flocks	Chief Scientist	USGS – St. Petersburg, FL
Dana Wiese	Electronics Tech/ Data Manager	USGS – St. Petersburg, FL
Rich Young	Boat Captain	USGS – St. Petersburg, FL
Keith Ludwig	Boat Captain	USGS – St. Petersburg, FL