

# USGS CMG FACS OVERVIEW LOG

ACTIVITY ID: 01SCC01

TOPIC	INFORMATION
USGS ACTIVITY ID	01SCC01 (2001 Subsidence and Coastal Change 01)
OTHER ID (IF ANY)	
ORGANIZATION	USGS
PROJECT	Subsidence and Coastal Change
AREA OF OPERATION	Timbalier Bay and offshore East Timbalier Island, LA
CHIEF SCIENTIST(S)	Jim Flocks
ACTIVITY TYPE	High-Resolution Seismic, Chirp, Vibracore
SCIENTIFIC PURPOSE/GOALS	Characterize near surface geology, as it relates to sediment inventory.
PLATFORM	R/V G.K. Gilbert
STARTING DATE	6/30/2001 (Julian Day 181)
STARTING PORT	Port Furchon, LA
ENDING DATE	7/14/2001 (Julian Day 195)
ENDING PORT	Port Furchon, LA
EQUIPMENT USED	Boomer, Chirp, Vibracore
INFORMATION TO BE DERIVED (E.G., GRAIN SIZE, DEPTH TO BASEMENT)	Sediment type, thickness, and distribution maps
SUMMARY OF ACTIVITY AND DATA GATHERED	First leg of data collection. Collected 45 boomer lines, 42 chirp lines, and vibracores.
NOTES	Bounding Box: N: 29.143576, S: 28.946107 E: -90.182895, W: -90.395033 WGS84

**USGS CMG FACS EQUIPMENT LOG**  
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<b>EQUIPMENT SYSTEM</b>	<b>EQUIPMENT TYPE</b>	<b>EQUIP CODE</b>	<b>EQUIPMENT BRAND</b>	<b>EQUIPMENT MODEL</b>	<b>EQUIPMENT MEDIA</b>	<b>COMMENTS</b>
Applied Acoustics	Seismic	Boom	Applied Acoustics	CSP300	Digital	AA200 plate, 100 Joules, Elics Delph Seismic V 203, NexGen 10 ch phone, BSI PC,UTM_401_1.pln 12KHz Sample Freq.
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
						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: 01SCC01

<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
Dave Bennett	Boat Captain 6/30 – 7/3	Eckerd College
Keith Ludwig	Boat Captain 7/3 – 7/12	USGS – St. Petersburg, FL