

Activity ID: 01RCG03 Topic	USGS CMG FACS Overview Log	
USGS Activity ID	Information	
Other ID (if any)	01RCG05	
Organization	USGS	
Project	?	
Area of Operation	Miss Delta, Atchafalaya River Delta	
Chief Scientist(s)	Jim Flocks	
Information Specialist(s)	Dana Weiss	
Activity Type	Hires Seismic / Chirp / Side Scan	
Scientific Purpose/Goals	Evaluate Contaminant Inventories in riverine environment	
Platform	RV GK Gilbert	
Starting Date	10/23/01 (JD 296)	
Starting Port	Morgan City, LA	
Ending Date	10/30/01 (JD 303)	
Ending Port	Morgan City, LA	
Equipment Used	High Resolution Single Chan Seis / Chirp / 600 KHZ sidescan	
Information to be Derived (e.g., Grain Size, Depth to Basement)	Geophysical Data	
Summary of Activity and Data Gathered		
Notes	DND R = 01RCG05, Boomer, Chirp, Seis	NW = 30.00.000N 29.00.000W SW = 29.00.000N 92.00.000E NE = 30.00.000N 90.00.000W SE = 29.00.000N 88.00.000W

Activity ID: 01RCE05

USGS CMG FACS Equipment Log

Equipment System	Equipment Type	Equipment Code	Equipment Brand	Equipment Model	Equipment Media	Comments
Applied Acoustics	Siemens	Born	Applied Acoustics	CSP 300	Digital	CSP 300/plate Delphi Gel Ver 2.03 SA Tek. Max Gen ID delin phos, BSEK UTM 401-1.pln, 070 608.pln
EdgeTech XStar	Chirp	Chirp	EdgeTech	X-STAR	Digital	X-STAR, SD 24 24 cyl, Delphi V 2.03 FSSB, Delphi V 2.03 PSSB Kahn/BSE
MainSource Sidescan	Sidescan	Sidescan	MainSource	MainSource	Digital	MainSource 600 kHz system/software
DGPS	GPS	DGPS	CSE	CSE DGPS Max	Digital	Rt Gilbert DGPS + Hypack software

Activity ID: 01RC505

USGS CMG FACS Operation Log

Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
Beam	01B001	296	19	05	5500 Mhz Start, 100ms Sweep (1000 Sols, phase 7, 8, 9)	296	19	25	Serial DLL error on plot	7m
Sidescan	230Cxxx	296	19	00	file names sequentially	296				
Beam	01B002	296	19	33	same as 001	296	20	15	no plot	7m
Beam	01B003	296	20	15	same as 001	296	20	38	no plot	7m
Beam	01B004	296	20	38	same as 001	296	21	50	all bins plotted @ end	7m
Beam	01B005	297	16	09	same as 01001	297	17	25		9m
Chirp	01C005	297	16	20	No 01C001 thru 01C004	297	17	25	thing 01C002-01C004	9m
Sidescan	240Cxxx	297	16	09	20m swath, 611 KHz	297	20	09		9m
Nav	000_1607.297	297	16	09		297	17	25		9m
Beam	01B006		17	20		297	19	27		9m
Chirp	01C006		17	20	Bad cable @ fish drain hole	297	19	27	not recorded	9m
Nav	000_1727.297		17	26		297	19	27		9m
Beam	01B007		19	20		297	20	09		9m
Chirp	01C007		19	20		297	20	09	recorded	9m
Nav	000_1728.297		19	20		297	20	09		9m
					Note: Bad cable on FSD 12V dc line to SS424 is open in cable - works intermittently					

Activity ID: DIRC 05

USGS CMG FACS Operation Log

Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
Chirp	01C008	301	16	03	new cable installed - OK	301	17	51	12 m acq / 44 sec (57 sec Nav)	~ 4m
SS	280CTXY	301	16	02	600KHz, 20ms burst	301	17	51		~ 4m
Nav	012.1603.301	301	16	02		301	17	51		~ 4m
Chirp	01C009	301	17	51		301	19	06		~ 4m
SS	280CTXY	301	17	51		301	19	06		~ 4m
Nav	011.1752.301	301	17	51		301	19	06		~ 4m
Chirp	01C010	301	19	06		301	20	22		~ 4m
SS	280CTXY	301	19	06		301	20	22		~ 4m
Nav	009.1905.301	301	19	06		301	20	22		~ 4m
Chirp	01C011	301	20	22		301	21	30		~ 4m
SS	280CTXY	301	20	22		301	21	30		~ 4m
Nav	002.2021.301	301	20	21		301	21	26		~ 4m
Chirp	01C012	301	21	21		301	22	07		~ 4m
SS	280CTXY	301	21	21		301	22	07		~ 4m
Nav	006.2121.301	301	21	21		301	22	07		~ 4m
Chirp	01C013	302	14	52		302	15	09	Intermittent - recommended	~ 4m
SS	290CTXY	302	14	52		302	16	01		
Nav	008.1452.302	302	14	52		302	16	01		
Chirp	01C013a	302	15	09			15	30	Questionable Signal	

Activity ID: PLACE

USGS CMG FACS Operation Log

Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
Chirp	<u>ϕ1C ϕ14</u>	302	16	14	<u>Quadrant data</u>	302	16	35	<u>Removed all connectors</u>	11m
SS	<u>290CTxxx</u>	302	16	14		302	16	35	<u>(touchy problems ?? connector?)</u>	11m
Nav	<u>103.16.302</u>	302	16	15		302	16	35		11m
Chirp	<u>ϕ1C ϕ15</u>	302	16	35	<u>couldn't pull O to get button ?</u>	302	16	52	<u>bad fish connector ?</u>	11m
SS	<u>290CTxxx</u>	302	16	35	<u>connector - suspect spider box</u>	302	16	52	<u>equal chirp</u>	11m
Nav	<u>07.16.35.302</u>	302	16	35		302	16	52		11m
Chirp	<u>ϕ1C ϕ16</u>	302	16	52		302	17	09	<u>Not Recorded</u>	4.9m
SS	<u>290CTxxx</u>	302	16	52		302	17	09		4.9m
Nav	<u>07.16.52.302</u>	302	16	52		302	17	09		4.9m
Chirp	<u>ϕ1C ϕ17</u>	302	17	09		302	17	19	<u>Not Recorded</u>	4m
SS	<u>290CTxxx</u>	302	17	09		302	17	19		4m
Nav	<u>07.17.09.302</u>	302	17	09		302	17	19		4m
Chirp	<u>ϕ1C ϕ18</u>	302	17	19		302	17	35	<u>Not Recorded</u>	4m
SS	<u>290CTxxx</u>	302	17	19		302	17	35		4m
Nav	<u>07.17.19.302</u>	302	17	19		302	17	35		4m
Chirp	<u>ϕ1C ϕ19</u>	302	17	35	<u>inlet inlet</u>	302	17	42	<u>Not Recorded</u>	11m
SS	<u>290CTxxx</u>	302	17	35		302	17	42		4m
Nav	<u>03.17.35.302</u>	302	17	35		302	17	42		4m

Activity ID: 0RCE05

USGS CMG FACS Operation Log

Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
Chirp	01C020	302	19	55	Sandy Pass - Fliley Chirp	302	19	57	Not Recorded	7m
SS	29OCTXX	302	19	50		302	19	57		7m
Nav	010-1957302	302	19	22		302	19	57		7m
Chirp	01C021	302	19	57	- Fliley dat	302	20	45	Not Recorded	6m
SS	29OCTXX	302	19	57		302	20	45		6m
Nav	011-1957302	302	19	57		302	20	45		6m
Chirp	01C021	302	20	45	- Bad data	302	21	21	Not Recorded	6m
SS	29OCTXX	302	20	45		302	21	21		6m
Nav	012-2045302	302	20	45		302	21	21		6m
Chirp	01C022	302	21	21	- Bad data	302	22	02	Not recorded	6m
SS	29OCTXX	302	21	21		302	22	02		6m
Nav	007-2122302	302	21	21		302	22	02		6m
Boom	01B023	303	14	33	5 Transducer / 1000m range 100Tide, plus 7, 8 m	15	15	14		7m
SS	30OCTXX	303	14	33			15	14		
Nav	001-1433303	303	14	33			15	14		
Boom	01B24	303	15	31			16	19		
SS	30OCTXX	303	15	31			16	19	Schools of fish	
Chirp	011-1531303	303	15	31			16	19		

