02RCE01

Jack's logs

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Up late because of Fire Alarms
Drive to Grande Isle - DANA GOV
Jack - Nick rental
~1½ hr drive from Houma

Get to GKG use credit card to get in
on Starboard window / no spare key.

Load Ship / spool winch

Rich Young arrives ~ 14:00 pm

Finish setting up about 6:00 pm

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meet at 6:00 @ marina shop
Rich Y, Dave W., Nick F and Jack K

11:30 z (6:10 AM EST) Lv dock to
Hypoxic site
28° 56.107 N
90° 18.139 W
~2hr run

13:50 SOL Line 1 02C01 NAV 000_1351.RAW
strike NNE - SSW direction
1435 lowered fish -1436 crossed site

762616 32200336 Fluvial channel
762614 32203309 channel?

14:58 EOL 1 turning N

14:57 SOL 2 generator issue line ended
15:19 EOL 2

15:22 SOL 3 turning towards site 1:56 WD
15:49 crossed site # 2
16:16 EOL 3

16:10 SOL 4
16:10 EOL 4

1610 SOL 5 turning SW
1614 lowering fish
1632 EOL 4
1632 SOL 5

1656Z cross site
1732Z rise fish above bottom

EOL 5 1749

SOL 6 17:49
EOL 6 1800

SOL 7 18:00
18:28 slow down to let shrimp boat pass
looping around - shrimpers
18:33 back on track wd 52'

EOL 7 19:19 cloudier, windier

SOL 8 19:19 turning E
EOL 8 19:54

SOL 9 1954 N bound
EOL 10 2105
EOD -

RCE Survey NE Barataria Bay
Skies - PCloudy - calm - seas - Flat
Crew Jack K, Rich Y, Dana W, Nick F
- lv dock ~ 6:30
- Tying in to BSS-012 & older seismic tracklines (BSS)
" oxic control site -

SOL	010	12:16	
EOL	010	12:37	
SOL	011	12:37	
EOL	011	13:10	
SOL	12	13:16	
		13:13	channel, x bedding
EOL	12	1380	
SOL	013	13:30	turning N
EOL	013	13:40	
SOL	014	13:40	turning E
EOL	014	14:12	
	—	water spouts galore!	
SOL	015	14:12	heading N along remnants of islands
EOL	015	14:21	

SOL 016-14:21 Heading West - transecting Pete's Point

EOL 016 14:50

SOL 017 14:50 N bound

EOL 017 15:12

SOL018 15:12 EASTERLY course storms in distance, lightning

EOL 18 15:23

SOL 19 15:23

EOL 16:15

EOD - EOC

heading back to dust 11:15

Activity ID: Ø2RCEØ1	USGS CMG FACS Overview Log
Topic	Information
USGS Activity ID	Ø2RCEØ1
Other ID (if any)	
Organization	USGS
Project	River Contaminant Evaluation
Area of Operation	Barataria Bay / Timbalier
Chief Scientist(s)	Jack Kindinger
Information Specialist(s)	Kaya Wiese
Activity Type	Chirp Subbottom
Scientific Purpose/Goals	Site investigation for geochemical sampling - for Miss/Ach contamination project
Platform	RV Gilbert
Starting Date	8/18/02
Starting Port	Grand Isle, LA
Ending Date	
Ending Port	
Equipment Used	Chirp Edgetech SB424, XSTAR, Delph FSSB v 2.40, HYPACK
Information to be Derived (e.g., Grain Size, Depth to Basement)	Geophysical Data
Summary of Activity and Data Gathered	
Notes	Using Easy Reel winch - Using Hypack Rocky - Depth in - Conn 3 fish 3 m port, 10m back. Using sea anchor. UTM 15 Box UTM 15: 9

Activity ID: 02RCG01	USGS CMG FACS Crew Log	
Name	**Responsibility**	**Affiliation**
Jack Kindelan	Chief Sci	USGS St. Pete
Nick ~~Ferina~~ Ferina	Co Chief Sci	USGS St. Pete
~~Dave Vi~~	Elec. Tech	USGS St. Pete
Rich Young	Captain	USGS St. Pete

Activity ID: Ø2RCEØ1		USGS CMG FACS Equipment Log				
Equipment System	Equipment Type	Equipment Code	Equipment Brand	Equipment Model	Equipment Media	Comments
Chirp	Chirp/XSTAR SB424	Chirp	Edgetech	XSTAR SB424	Dig	
Nav	CSI GPS	Nav	CSI DGPS/HYPACK	CSI DGPS	Dig	uses hypack - recording depth

Activity ID: Ø2RCEØ1				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)
~~Ø2~~Ø1										16.50m
Chirp	Ø2CØ1	230	13	51	125ms(8kHz), 40ms Pulse, 24kHz sample (4-24 KHz Fish)	230	14	56	14:35 - lowered fish	18.00m
Nav	000.1351.RAW	230	13	51		230	14	56		
Chirp	Ø2CØ2	230	14	56	125 ms (8kHz) 40ms pulse 24kHz sample (4-24 KHz Fish)	230	15	17	Gen off by mistake	18.50m
Nav	000-1456 ~~Ø2CØ2~~	230	14	56		230	15	12		
Chirp	Ø2CØ3	230	15	22	125ms pulse (8 kHz) 40ms pulse 24kHz sample (4-24 kHz)	230	16	10		17.40m
Nav	000-1522	230	15	22		230	16	10		
Chirp	Ø2CØ4	230	16	10	same settings 16:15 lowered fish	230	16	34		18.50m
Nav	000-1610	230	16	10		230	16	34		19.00m
Chirp	02C05 ~~000-1634~~	230	16	34	same settings 17:31 raise fish	230	17	49		
Nav	000-1634	230	16	34		230	17	49		
Chirp	Ø2CØ6	230	17	49	same settings	230	18	00		14.00m
Nav	000-1749	230	17	49		230	18	00		
Chirp	Ø2CØ7	230	18	00		230				
Nav	Ø2CØ7	230	18	00		230				
Ship	Ø2CØ7	230	18	28	Major Maneuvering to miss shrimp boat circling	230	18	33	Back on Line	off

Activity ID: Ø2RCE41				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	Ø2cØ8	230	19	19	same	230	19	54		18.18m
Nav	000_1920	230	19	19		230	19	54		
Chirp	Ø2cØ9	230	19	54	[illegible] Fish rolled @ 20:53, 20:56	230	21	05		18.60m
Nav	000_1959	230	19	59		230	21	05		
Chirp	Ø2c10	231	12	16	CONTROL SITE ON 125ms start, 40ms same, 24KHZ sample (4-24 KHZ fish)	231	12	38		2.70m
Nav	000_1216	231	12	16		231	12	38		
Chirp	Ø2C11	231	12	38	"	231	13	10		2.80m
Nav	000_1238	231	12	38		231	13	10		
Chirp	Ø2C12	231	13	10	"	231	13	31		2.80m
Nav	000_1310	231	13	10		231	13	31		
Chirp	Ø2C13	231	13	31	"	231	13	40		2.80m
Nav	000_1330	231	13	32		231	13	40		
Chirp	Ø2C14	231	13	40	"	231	14	12		2.80m
Nav	000_1340	231	13	40	"	231	14	12		
Chirp	Ø2c15	231	14	12		231	14	22		
Nav	000_1412	231	14	12		231	14	22		2.40m

Activity ID: Ø2RCEØ1

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	Ø2C16	231	14	22	same settings	231	14	51		2.90m
Nav	000.1422	231	14	22		231	14	51		
Chirp	Ø2C17	231	14	51	"	231	15	12		2.90m
Nav	000.1451	231	14	51		231	15	12		
Chirp	Ø2C18	231	15	12		231	15	24		2.60m
Nav	000.1512	231	15	12		231	15	24		
Chirp	Ø2C19	231	16	24		231	16	15		2.70m
Nav	000.1524	231	15	24		231	16	15		