

CRUISE REPORT

Ship: R/V R. J. RUSSELL

Cruise: Lacoss 12/82

Area of Operations: Louisiana Shelf

Dates of Operation: 12/4/82 to 12/16/82

Personnel: Charlie Bennett - 1st mate and Engineer - Louisiana University's
Marine Consortium

Lee Black - Captain - LUMCON

Wilton Delaum - Deck Hand - LUMCON

Doug Owen - Geologist - Minerals Management Service

Shea Penland - Geologist - Louisiana Geological Survey

John Suter - Geologist - Louisiana State University

John West - ET - Minerals Management Service

Purpose: High resolution seismic profiling along Isles Dernieres and
Grande Isle to map geology and survey sand resources for
Louisiana Geological Survey

Major Equipment: ORE Boomer

Navigation: Loran "C"

Data Acquired: 260 nautical miles (480Km) High Resolution Seismics

[illegible][illegible][illegible][illegible]

NAVIGATION INSTRUMENTATION																																								POSITION DETERMINATION METHOD																																								SEQ. NO.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
LORAN-C																																								LORAN C																																								05

[illegible][illegible][illegible]

SEISMIC INSTRUMENTATION																																								FORMATS OF SEISMIC DATA																																								SEQ. NO.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
160-200-300											Jovite Bomber																						Analog																						09																									

[illegible][illegible]

OCEANOGRAPHY - GENERAL CRUISE INVENTORY
(ROSCOP - II)

A40 REFERENCE NUMBER

91

A01 EXPEDITION/PROJECT Lacoss				YES	NO	PART	
A11 CRUISE NUMBER OR NAME Lacoss Dec 82		A91 Declared national program?			X		
		A81 Exchange restricted?			X		
A02 SHIP OR PLATFORM RV-R.J. Russell		A92 Co-operative program?		X		A72 NAME L.G.S.	
A12 PLATFORM TYPE		A82 Co-ordinated internationally?				A62 BY WHOM?	
A03 COUNTRY USA	A04 ORGANIZATION Minerals Management Service		A05 CHIEF SCIENTIST(S) John Suter				

A06 NAME AND ADDRESSES OF ORGANIZATIONS AND PERSONS WHOM TO QUERY		FINAL DISPOSITION OF DATA
A1	H. L. Berryhill	A2
B1	P.O. Box 6732 Corpus Christi, TX 78411	B2
C1		C2
D1		D2
E1		E2

DATE	DAY	MONTH		YEAR		A08 GENERAL OCEAN AREAS
A07 FROM	0	4	1	2	8 2	Louisiana Shelf
A17 TO	1	6	1	2	8 2	A09 TYPE(S) OF MARINE ZONE(S) 01 02 04 07

GEOGRAPHIC AREA	A10 LATITUDE				A20 LONGITUDE			
	°	'	"	N/S	°	'	"	E/W
<i>If all data were collected at a fixed station, fill in the co-ordinates</i>								

A15 FEDERAL SUPPORT	
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A25 REMARKS

Data Acquired: Approximately 480 Km ORE Boomer

[illegible]

[illegible]