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JAN 19 1989

United States Department of the Interior

GEOLOGICAL SURVEY
RESTON, VA 22092

JAN 17 1988

In Reply Refer To:
Mail Stop 914

Date: 13 January 1989

To: Brad Butman, Chief, BAMG

From: Jeff Williams, BAMG (Reston) JW 1/13/89

Subject: Report for ACAD 88-01 cruise offshore Louisiana.

1. Vessel: R/V ACADIANA, LUMCON facility, Cocodrie, LA.

2. Cruise number: ACAD 88-01

3. Parent project: Louisiana barrier island study (9470-03855).

4. Funding agency: USGS - Louisiana Geological Survey.

5. Funding amount: Total project appropriation $1.5 M.

6. Contract number: N/A.

7. Contract start and end date: N/A.

8. Area of operations: Central Louisiana coast and inner shelf, west of Mississippi River delta.

9. Start of cruise: 19 July 1988, Cocodrie, LA.

10. Chief scientists: Jeff Williams (USGS)
Shea Penland (LGS)

11. Names and affiliations of scientific party:

    1. Lee Black (LUMCON) - Captain
    2. Wayne Simoneaux (LUMCON) - First mate
    3. Rick Vail (USGS-PMG), Technician
    4. Dave Nichols (USGS, AMG), Technician
    5. Randy McBride (LGS), Scientist
    6. Greg Taylor (LGS), Technician
    7. Dave Pope (LGS), Technician

12. Purpose of cruise: Continuation, as part of the 3rd year of the USGS-LGS coop on barrier island erosion, of hi-res seismic reflection profiling on the nearshore and inner shelf west of the Mississippi River delta. The objectives are to map and interpret the shallow morphostratigraphy of the delta plain using seismics and cores.

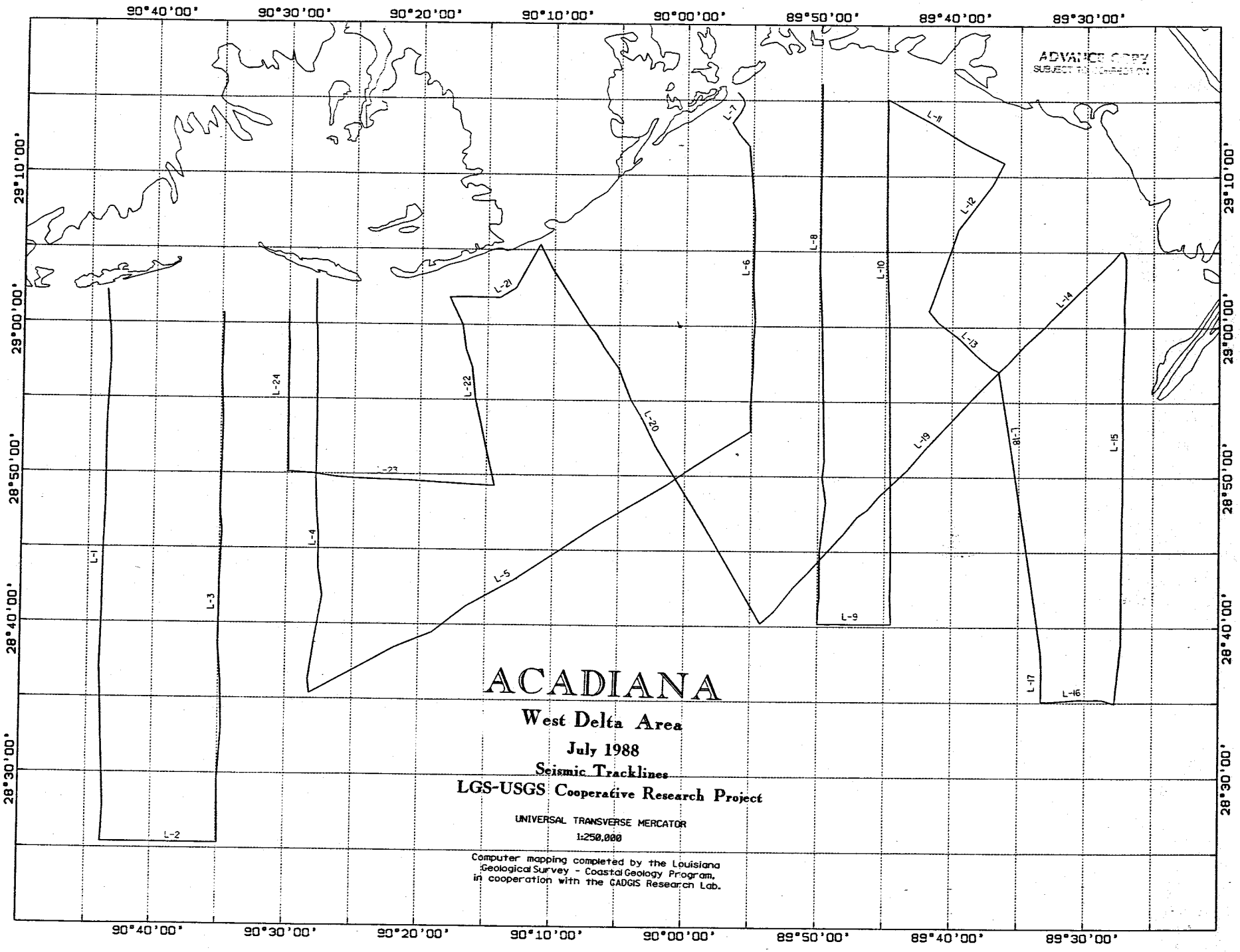
13. Navigation: LORAN-C.

14. Scientific equipment: ORE Geopulse seismic system
EGG Uniboom seismic system
ORE 3.5 kHz

15. Days at sea: 8
Data collected: 655 line kilometers.

16. Track chart attached.

cc: D. Folger
D. Cacchione, Chief, BPMG
S. Wallace, PMG
R. Vail,PMG
S. Penland, LGS
T. O'Brien
D. Nichols
N. Soderberg
A. Sallenger
G. Sexton
L. North



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