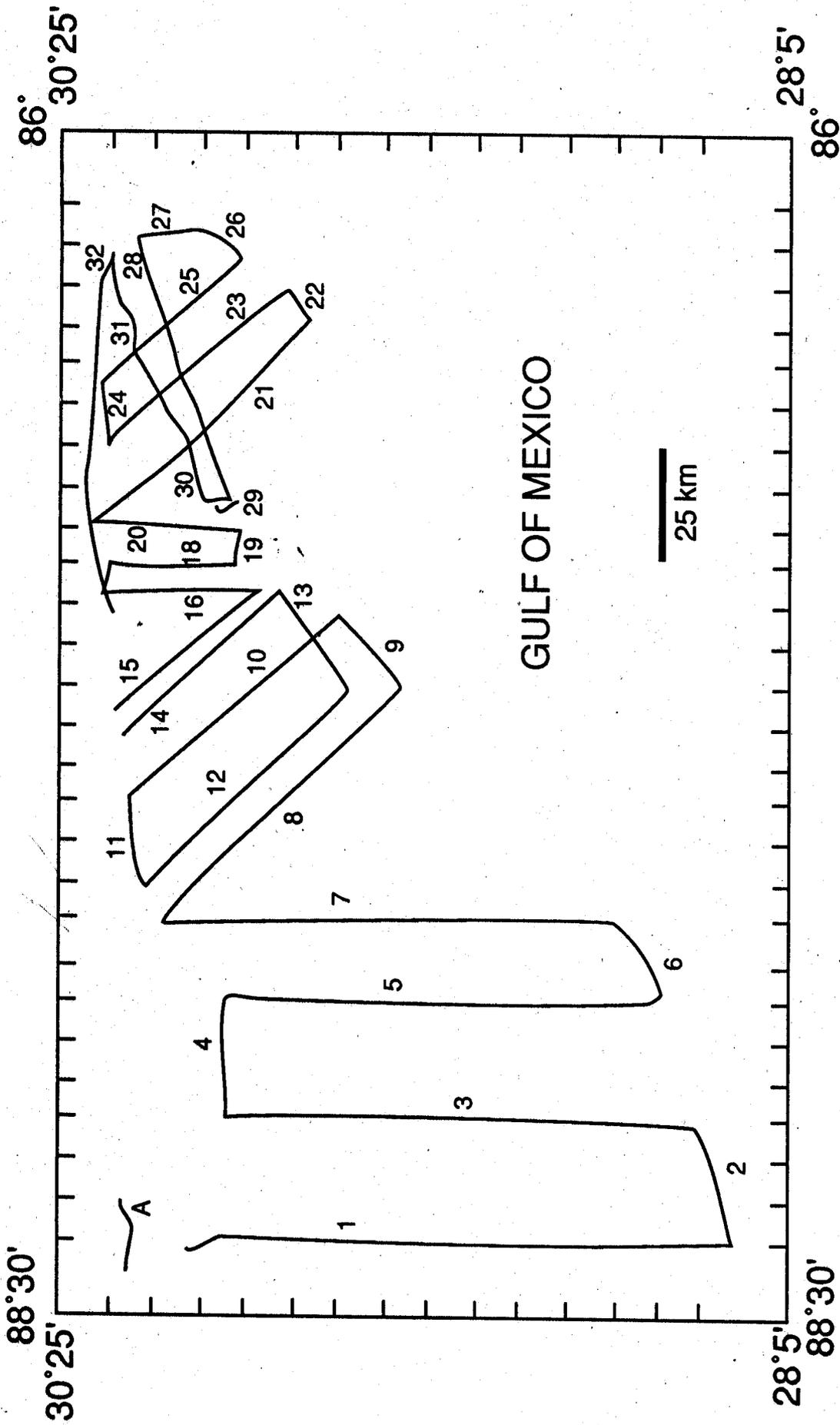


91020

CRUISE REPORT

1. Ship Name (Parent vessel if submersible used)/submersible name:
R/V KIT JONES
2. Cruise number and leg (if any): KIT JONES-91-2, Legs 1, 2, & 3
3. Parent project: Mississippi/Alabama Pollution Project, Geologic Framework Study, Mississippi/Alabama/USGS Cooperative with USGS/LSG/MMTC Cooperative
4. Funding amount: \$2,000,000
5. Funding agency: USGS
6. Contract number: # 9460-27017
7. Contract start and end date: FY'91
8. Area of operations: Northern Gulf of Mexico
9. Dates and ports, start and end cruise: Biloxi, MS; July 10-27, 1991;
northern Gulf of Mexico
10. Chief scientist: Jack Kindinger, USGS/Randy McBride, LGS
11. Names and affiliations of scientific party; ship's captain: Capt. Ralph (Monty) Simmons, Douglas Lockhart, and Tom Shelton, Mississippi Minerals Technology Center (MMTC); and Dana Weise, USGS.
12. Brief statement of purpose of cruise: Collect Shelf and Mississippi Sound, high resolution seismic, as part of coastal project to study coastal erosion and offshore sand resources.
13. Brief statement describing navigation techniques: GPS & Loran C, recorded to hard disk with floppy disk backup (ASCII File), fixes taken every 5 min.
14. Scientific equipment:
 - Signal source: Huntec plate, power supply, and receiver
 - Hydrophone: Benthos
 - Hard copy: EPC 3200
 - Digital copy: Elix digital acquisition system
Graphic Recorder - EPC 3200
15. Tabulated information:
 - Days at sea: 14 sea days
 - Kilometers of each type of continuous data: 1350 line km of profile data
 - Remarks: fair seismic data, so-so weather
16. Page-size trackline chart



RV KIT JONES
Cruise KJ-91-2
July 1992