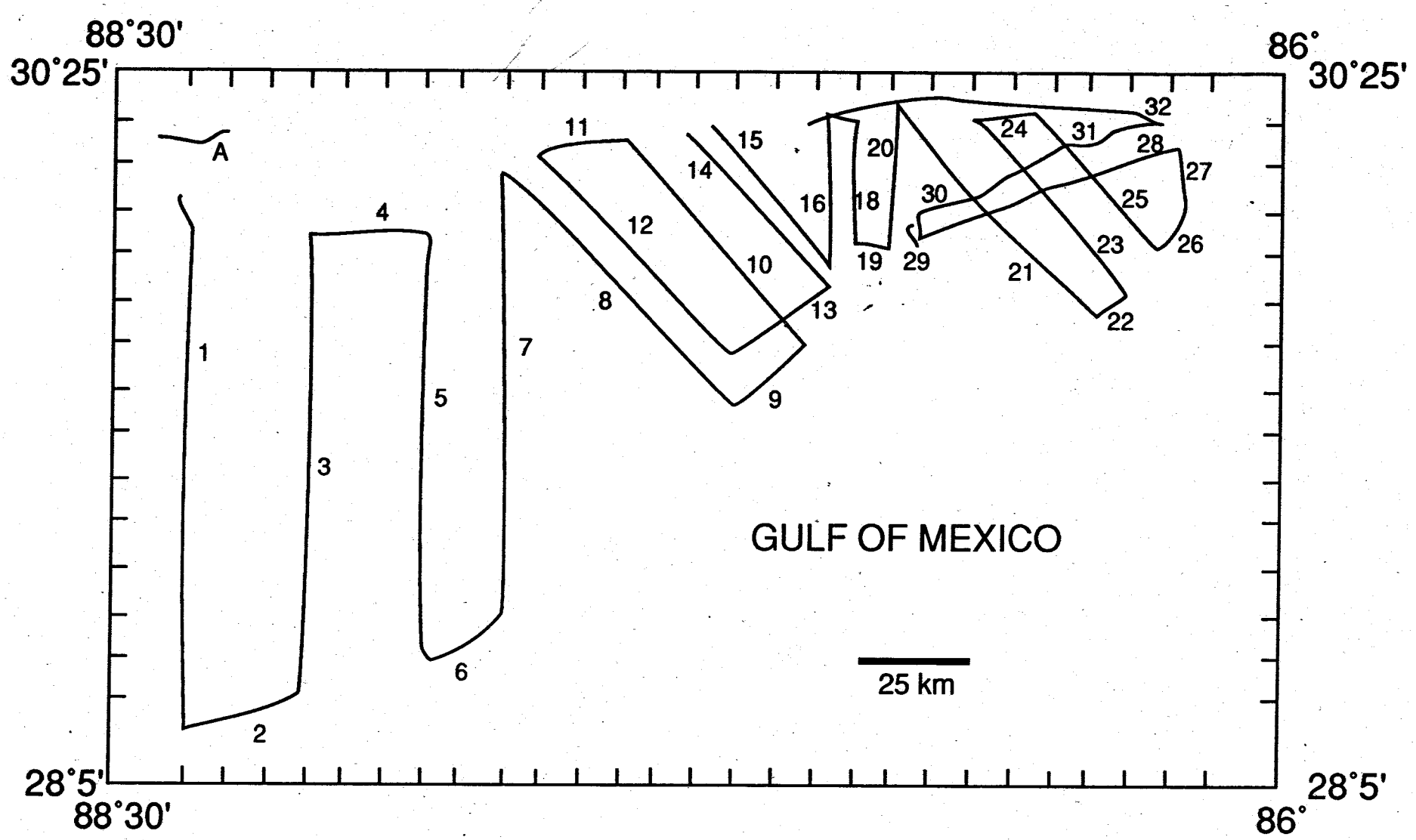
9020

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: Mississppi/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 captian: 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 techniquies: 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 acquistion system Graphic Recorder - EPC 3200

15. Tabulated information:
    Days at sea: 14 sea days
    Kilometers of each type of contiuous data: 1350 line km of profile data
    Remarks: fair seismic data, so-so weather
16. Page-size trackline chart



R/V KIT JONES
Cruise KJ-91-2
July 1992