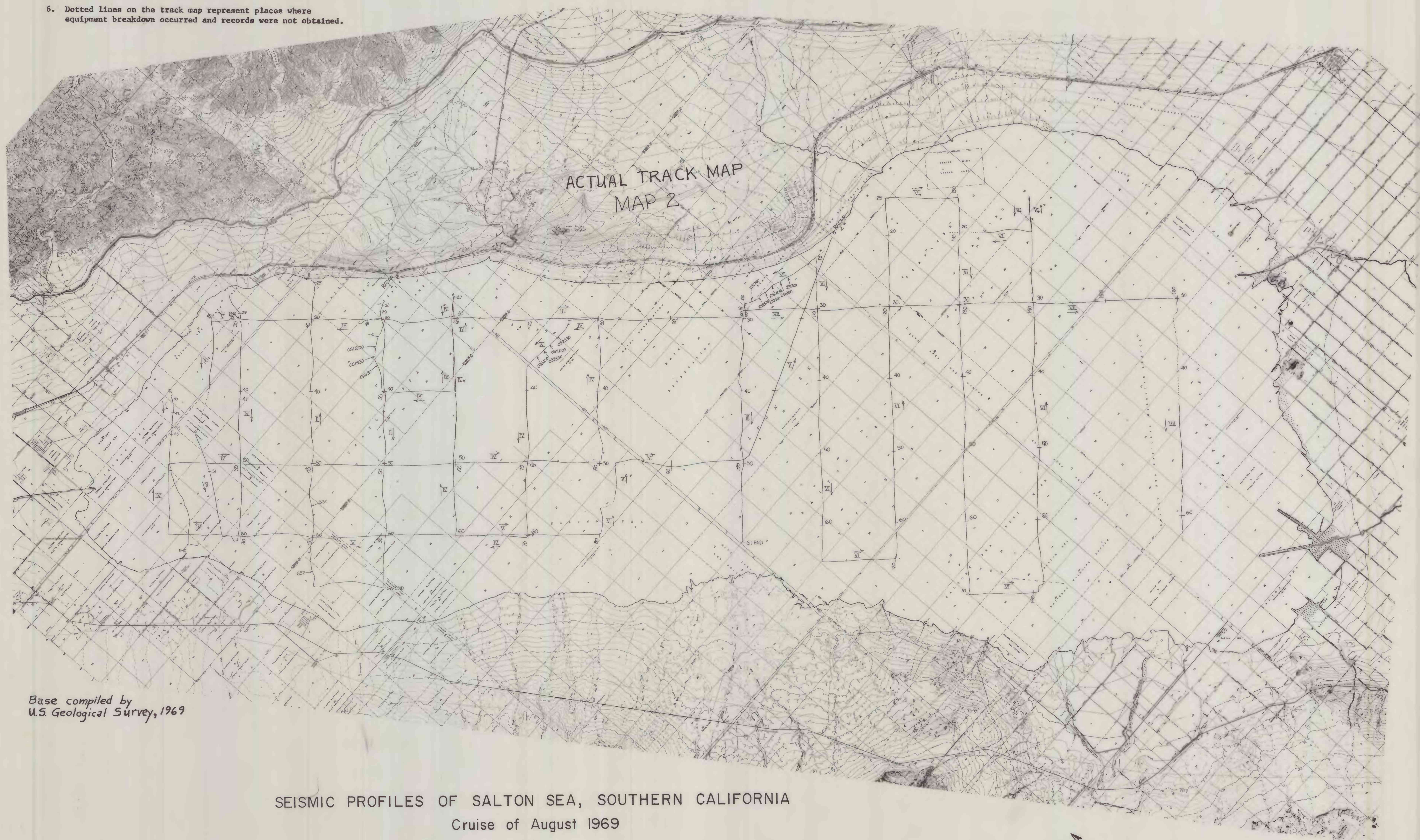


EXPLANATION

1. Descriptive material at the beginning of each record, sequentially after the date, includes the energy of the sparker (3 Kilojoules), time of sweep across record (1/2 and 1 second), firing interval of sparker (3 seconds), and frequency range recorded (40 - 204 Hz).
2. Locations are indexed from records to maps according to the 2-mile square grid scheme shown on Map 1. Grid lines are identified by letters at their ends, and points are located by intercept numbers along the lines. Points can be doubly located, for example K-50 and B-80 are the same point.
3. Actual traverse paths and time reference marks are shown on Map 2, but nomenclature of lines mentioned on the seismic records should be checked with Map 1. Incidentally, the traverse lines were obtained through shore-based radar tracking, which necessitated time synchronization between the tracking maps and sparker records being made by radio—which resulted in infrequent marks because of radio transmission problems.
4. Note that line D on Map 2 is discontinuous and offset at line M. Actually the southern half of the grid is rotated slightly with respect to the northern half. When the radar was relocated for better coverage of the southern half of the sea, an orientational error was discovered for the first location and was subsequently corrected.
5. Grid corners and time synchronization marks are shown on the seismic records with a very closely spaced mark resembling stitching. Corners were marked as the boat's position crossed the perpendicular grid lines shown on Map 1, not at the intersection with the actual traverse paths of the boat (which usually deviated somewhat from the nominal traverse lines).
6. Dotted lines on the track map represent places where equipment breakdown occurred and records were not obtained.

0 5 MILES
SCALE 1:100,000



Base compiled by
U.S. Geological Survey, 1969

SEISMIC PROFILES OF SALTON SEA, SOUTHERN CALIFORNIA
Cruise of August 1969
by
Robert V. Sharp, Tsvi Meidav¹, and David R. Sigurdson¹
1971

¹University of California, Riverside

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.