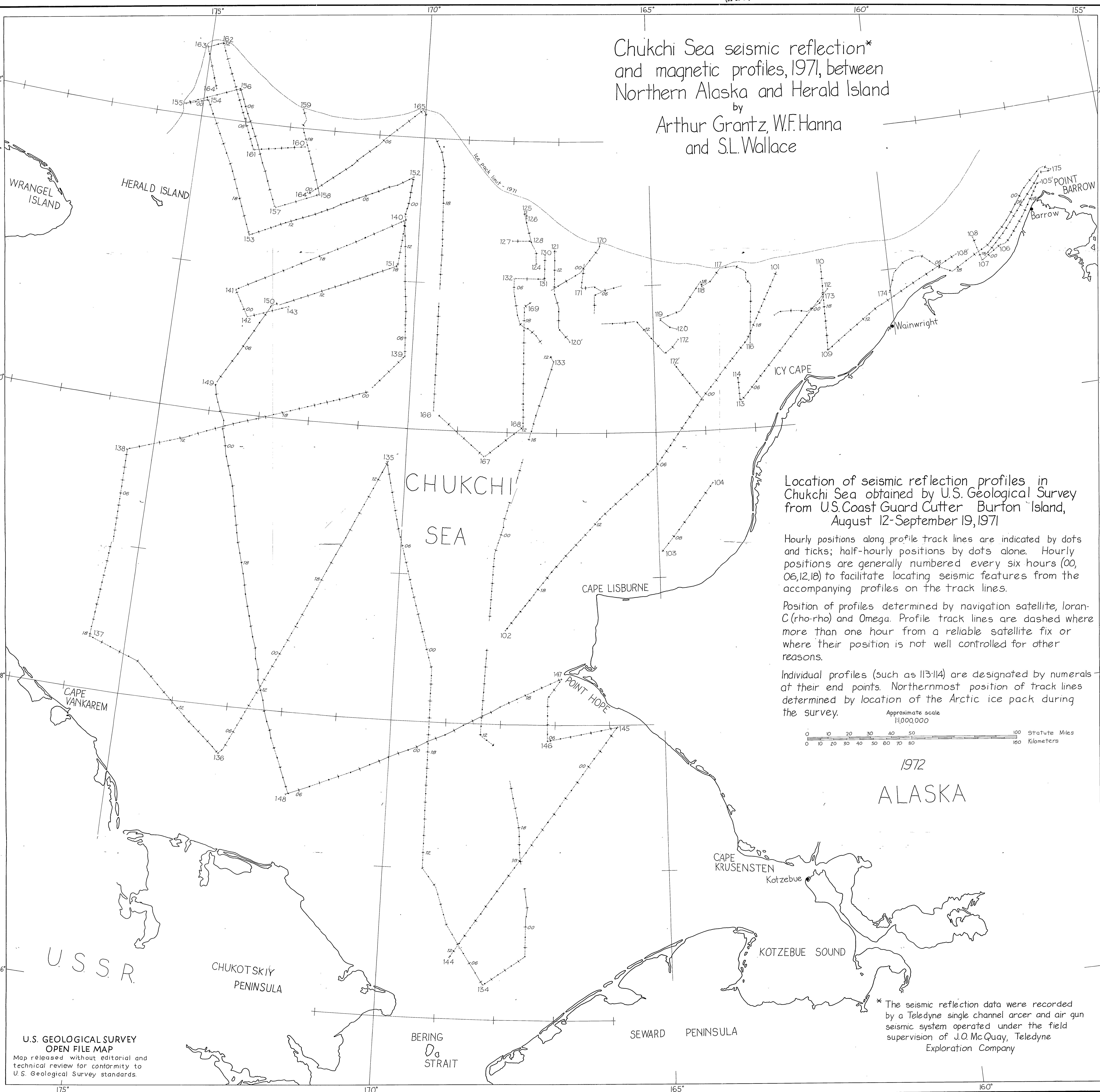


# Chukchi Sea seismic reflection\* and magnetic profiles, 1971, between Northern Alaska and Herald Island by Arthur Grantz, W.F. Hanna and S.L. Wallace

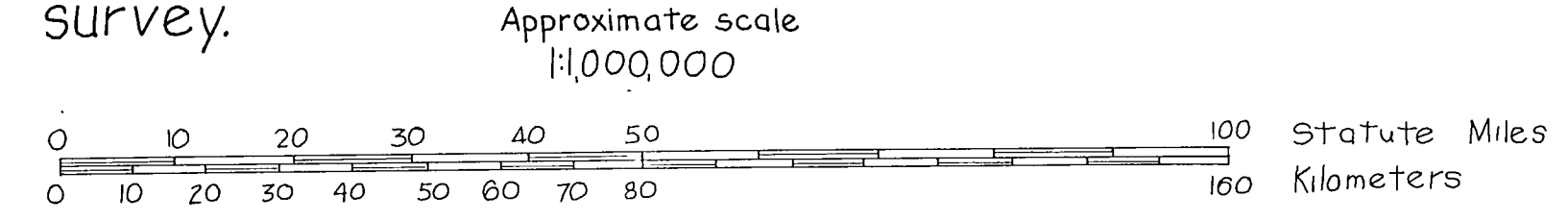


Location of seismic reflection profiles in Chukchi Sea obtained by U.S. Geological Survey from U.S. Coast Guard Cutter *Burton* Island, August 12-September 19, 1971

Hourly positions along profile track lines are indicated by dots and ticks; half-hourly positions by dots alone. Hourly positions are generally numbered every six hours (00, 06, 12, 18) to facilitate locating seismic features from the accompanying profiles on the track lines.

Position of profiles determined by navigation satellite, loran-C (rho-rho) and Omega. Profile track lines are dashed where more than one hour from a reliable satellite fix or where their position is not well controlled for other reasons.

Individual profiles (such as 113-114) are designated by numerals at their end points. Northernmost position of track lines determined by location of the Arctic ice pack during the survey.



1972  
ALASKA

\* The seismic reflection data were recorded by a Teledyne single channel arcer and air gun seismic system operated under the field supervision of J.O. McQuay, Teledyne Exploration Company