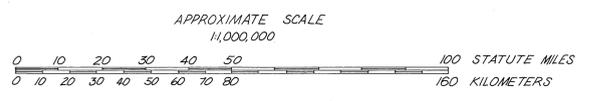


SEISMIC, MAGNETIC AND GRAVITY PROFILES
CHUKCHI SEA AND ADJACENT ARCTIC OCEAN, 1972

PART 1. SEISMIC REFLECTION PROFILES BY ARTHUR GRANTZ
M.L. HOLMES, D.C. RILEY AND S.L. WALLACE

Location map of seismic reflection profiles obtained by U.S. Geological Survey from the U.S. Coast Guard Cutter BURTON ISLAND, August 25-September 20, 1972. Position of profile track lines determined by navigation satellite. Hourly positions along track lines are indicated by ticks; half-hourly positions by dots. Hourly positions are generally numbered every six hours (00, 06, 12, 18) to facilitate locating seismic reflection features from the accompanying profiles. Track lines are dashed where their location is not well controlled by navigation satellite. Individual profile track lines (for example 218-219) are designated by numerals at their end points. Northernmost limits of track lines determined by position of the Arctic ice pack. Seismic data are single-channel, field facsimile recorded, based on a 160 kilojoule arcer source.



U.S. GEOLOGICAL SURVEY
OPEN FILE MAP
Map released without editorial and technical review for conformity to U.S. Geological Survey standards.