

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

EXPLANATION OF BATHYMETRY AND ISOPOCH MAP OF STRATIFIED  
HOLOCENE SEDIMENTS OF NUKA BAY, ALASKA

By

Erk Reimnitz and Roland von Huene

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The bathymetric chart of the Nuka Bay area, Alaska, is based on U.S.C.&G.S. Chart 8530, and over 750 km of additional sounding lines made in 1965 and in 1968. Continuous reflection seismic records made along the same tracks as the bathymetric profiles served as the basis for the Isopach map. For the determination of sediment thicknesses a sound velocity in sediment of 1.5 km/sec was used. Scale of both maps is 1:83, 074 at Latitude N59°20'.