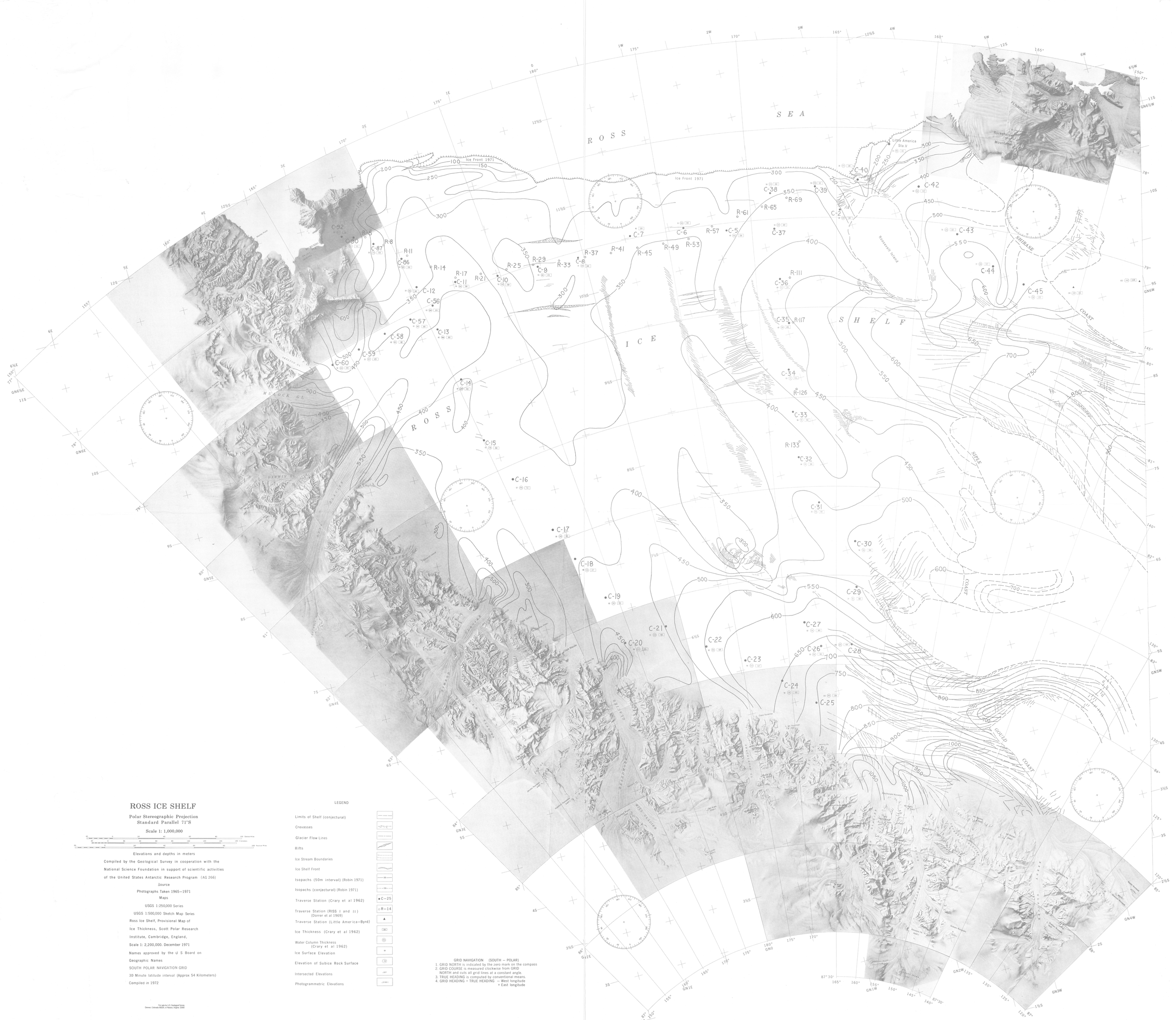
ROSS ICE SHELF
Polar Stereographic Projection
Standard Parallel 71°S
Scale 1: 1,000,000
Elevations and depths in meters
Compiled by the Geological Survey in cooperation with the
National Science Foundation in support of scientific activities
of the United States Antarctic Research Program (AG 266)
Source
Photographs Taken 1965–1971
Maps
USGS 1:250,000 Series
USGS 1:500,000 Sketch Map Series
Ross Ice Shelf, Provisional Map of
Ice Thickness, Scott Polar Research
Institute, Cambridge, England,
Scale 1: 2,200,000. December 1971
Names approved by the U S Board on
Geographic Names
SOUTH POLAR NAVIGATION GRID
30 Minute latitude interval (Approx 54 Kilometers)
Compiled in 1972
LEGEND
Limits of Shelf (conjectural)
Crevasses
Glacier Flow Lines
Rifts
Ice Stream Boundaries
Ice Shelf Front
Isopachs (50m interval) (Robin 1971)
Isopachs (conjectural) (Robin 1971)
Traverse Station (Crary et al 1962)
Traverse Station (RISS I and II) (Dorrer et al 1969)
Traverse Station (Little America–Byrd)
Ice Thickness (Crary et al 1962)
Water Column Thickness (Crary et al 1962)
Ice Surface Elevation
Elevation of Subice Rock Surface
Intersected Elevations
Photogrammetric Elevations
GRID NAVIGATION (SOUTH – POLAR)
1. GRID NORTH is indicated by the zero mark on the compass
2. GRID COURSE is measured clockwise from GRID NORTH and cuts all grid lines at a constant angle.
3. TRUE HEADING is computed by conventional means.
4. GRID HEADING = TRUE HEADING – West longitude
+ East longitude
ROSS SEA
ROSS ICE SHELF
Ice Front 1971
Little America Sta. V
Roosevelt Island
SHIRASE COAST
SIPLE COAST
GOULD COAST
EDWARD VII PENINSULA
Rockefeller Mountains
MULOCK GL
DARWIN GL
SLESSOR GL
BEARDMORE GL
MEYER GLACIER
Ellsworth Mountains
Pensacola Mountains
Thiel Mts.
Pirrit Hills
Hudson Mts.
Horlick Mts.
Ford Range
Executive Committee Range
Marie Byrd Land
Walgreen Coast
Bear Peninsula
Hobbs Coast
Saunders Coast
Ruppert Coast
Siple Coast
Bakutis Coast
Walgreen Coast
Eklund Islands
Bryan Coast
Ronne Ice Shelf
Weddell Sea
Palmer Land
Ellsworth Land
Antarctic Peninsula
Bellingshausen Sea
Amundsen Sea
Ross Sea
Scott Coast
Victoria Land
Wilkes Land
Queen Maud Land
Enderby Land
Kemp Land
Coats Land
Dronning Maud Land
Princess Elizabeth Land
Wilhelm II Land
Queen Mary Land
Oates Land
Terre Adélie
Terre Géographique
Terre Marie Byrd
Terre Ellsworth
Terre Palmer
Terre Fuchs
Terre Ingrid Christensen
Terre Enderby
Terre Reine Maud
Terre Wilhelm II
Terre Adélie
Terre Wilkes
Terre Victoria