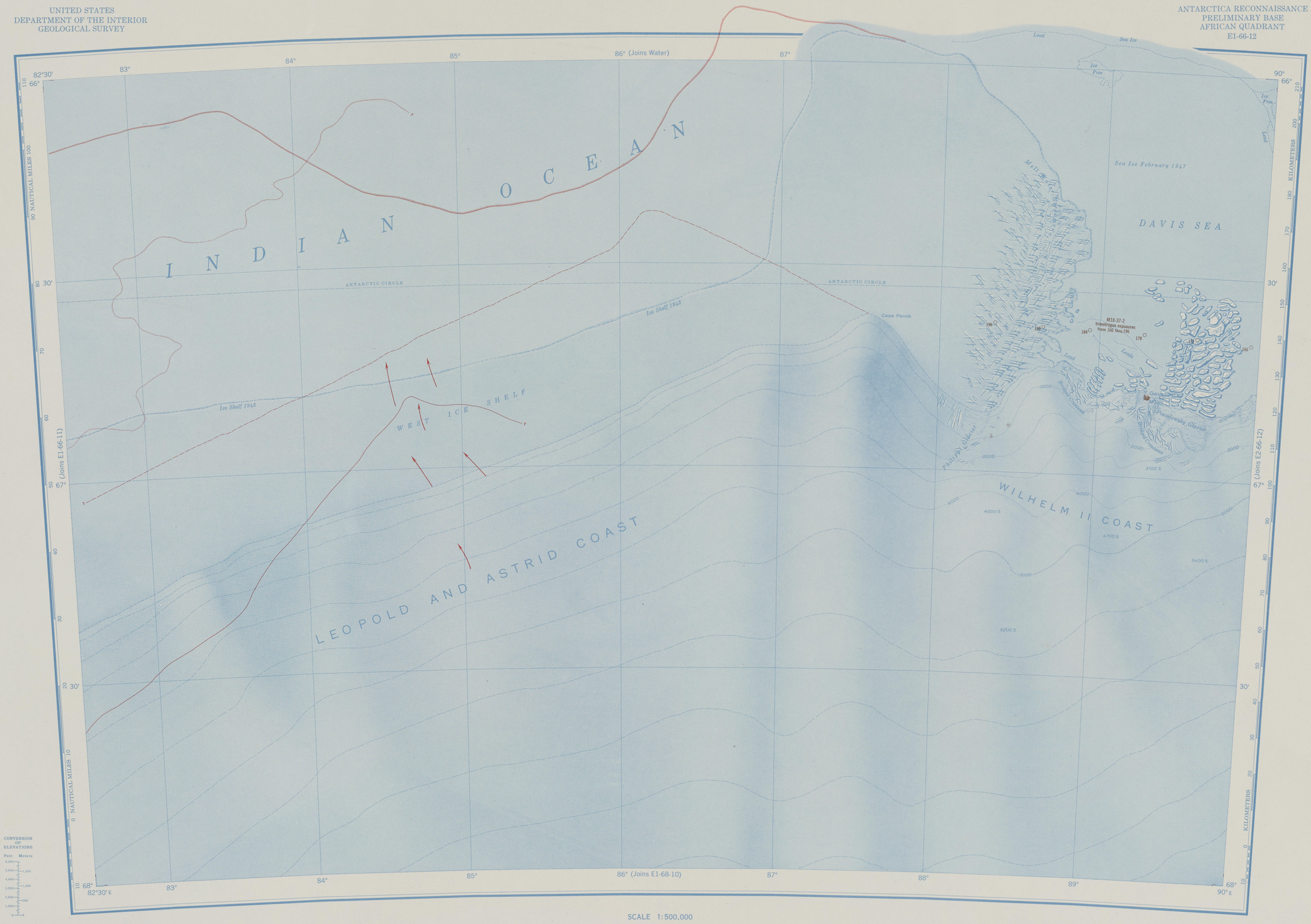
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ANTARCTICA RECONNAISSANCE
PRELIMINARY BASE
AFRICAN QUADRANT
E1-66-12



CONVERSION OF ELEVATIONS
Feet Meters

SCALE 1:500,000

10 0 10 20 30 40 50 STATUTE MILES

Mapped, edited, and published by the Geological Survey

Compiled by the Geological Survey in part from aerial photographs by U.S. Naval Task Force 68, 1946-1947. Geographic control from German Southpolar Expedition, 1901-1903. Areas outside photographic coverage from WAC 1751, USAF-ACIC, Feb. 1947, adjusted.

Sea ice limits and leads delimited only where usable aerial photographic coverage permits.

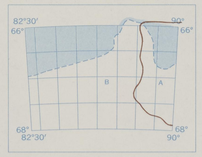
○ 184 indicates principal points of selected trimetrogon vertical photographs.

M18-37-2 indicates mission, roll and run.

Shoreline, Ice Shelf, Ice Flow: West Shelf Ice detail from U. S. Navy radar scope photography, 1947 (missions 20, 25 & 26) and trimetrogon photographs (mission 20) positioned by holding to coast line on sheets 11 & 12 Norwegian Antarctic Series 1:250,000 scale 1936-37.

Shoreline, Ice Shelf: Corroborative detail from British Admiralty chart 3171 July 1, 1955 based on Norwegian chart #4, 1:3,250,000 scale.

COMPILATION DIAGRAM



A. Photogrammetric compilation
B. Cartographic compilation

Polar Stereographic Projection
Standard Parallel 71°

CONTOUR INTERVAL 1000 FEET
DATUM IS MEAN SEA LEVEL

1955 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 79° TO 84° WEST

LOCATION INDEX

AFRICAN QUADRANT
E1-66-12
EDITION OF 1956
S 66—E 8230/2x7.5