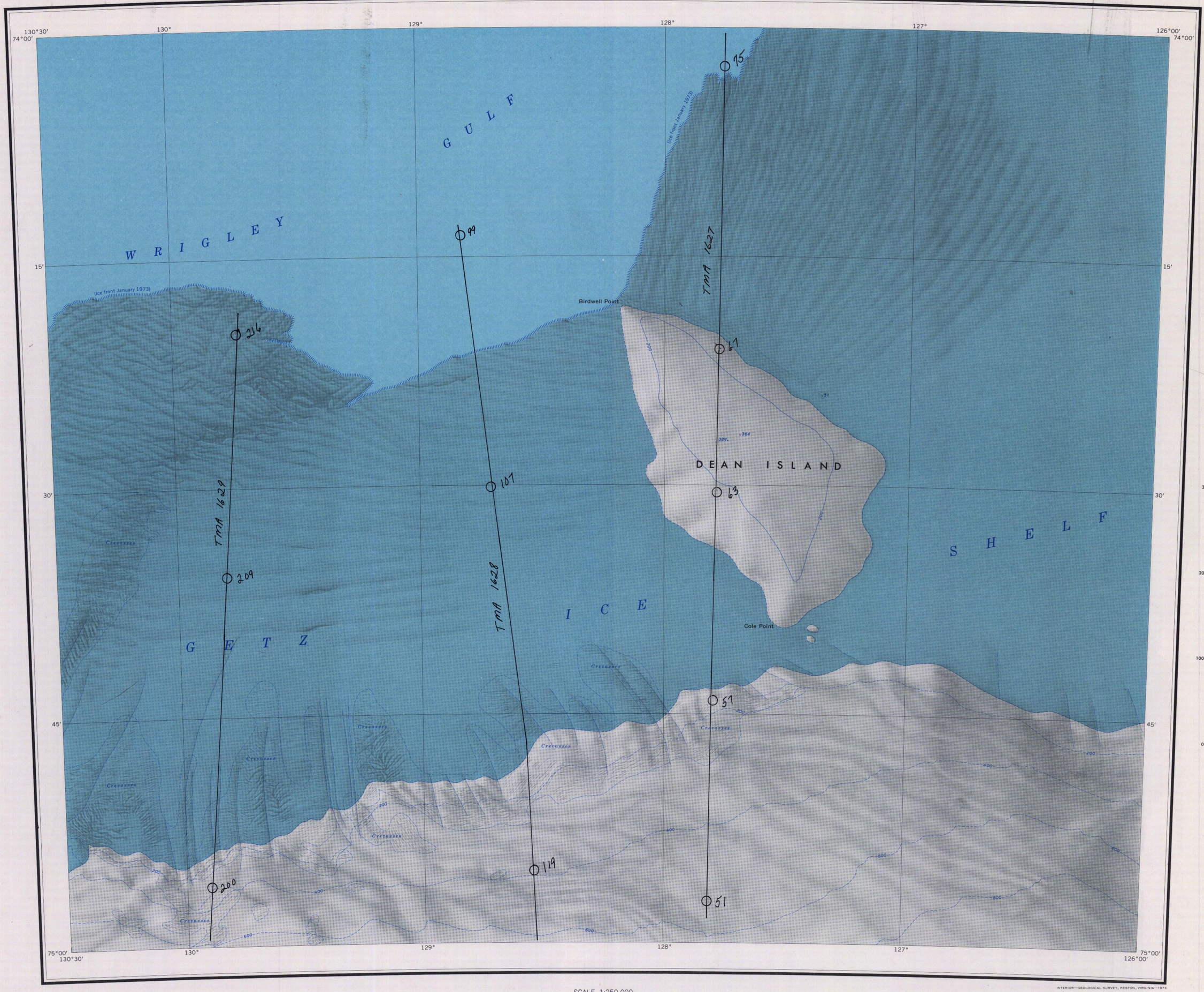
#83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEAN ISLAND

ANTARCTICA
1:250,000 RECONNAISSANCE SERIES



TMA 1627
1628
1629

Mapped, edited, and published by the U. S. Geological Survey in cooperation with the National Science Foundation

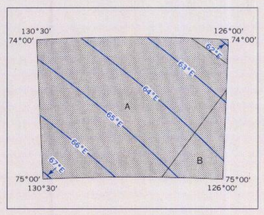
Control by U. S. Geological Survey

Compiled in 1969 from U. S. Navy tricamera aerial photographs taken 1965. Revised from ERTS-1 imagery taken 1972-1973 provided by NASA under Proposal SR-149

Names approved by U. S. Board on Geographic Names

Absence of the crevasse symbol does not necessarily indicate a crevasse-free area

COMPILATION DIAGRAM



Photogrammetric compilation

Earth Resources Technology Satellite imagery (ERTS-1)
A. 1172-16042-7 (Jan. 11, 1973)
B. 1152-15531-7 (Dec. 22, 1972)

Isogonic lines compiled from U. S. N. O. O. Chart 1706 S, 1970

SCALE 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometres
5 0 5 10 15 Nautical Miles

Lambert Conformal Conic Projection—Standard Parallels 72°40' and 75°20'
CONTOUR INTERVAL 200 METRES—DATUM IS MEAN SEA LEVEL

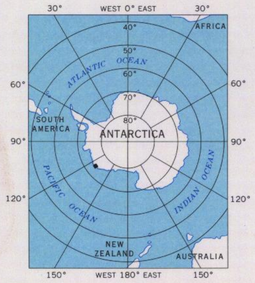
LEGEND

	Ice area	Ice-free area
Contour lines		
(definite)		
(approximate)		
(conjectural)		
Cliff or escarpment		
Steep slope		
Small hillocks		
Intersected control stations	.321	.321
Photogrammetric elevations	.2150±	.2150±
Ice thickness	84	

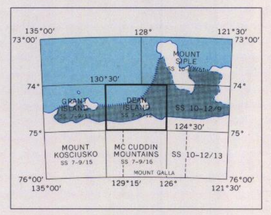
Astro control station	
Survey control stations	△1041 ▲Signal
Traverse route with spot height	.771
Moraine	
Glacier	
Crevasses	Crevasses
Coastline under ice (definite; indefinite)	
Ice shelf	
Icebergs	
Fast or bay ice	

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS



Sheet numbering system based on International Map of the World

Dashed outlines show coverage of previously published sheets, not on this system

DEAN ISLAND
ANTARCTICA
SS 7-9/12
S7400—W12600/1X4.5

#83