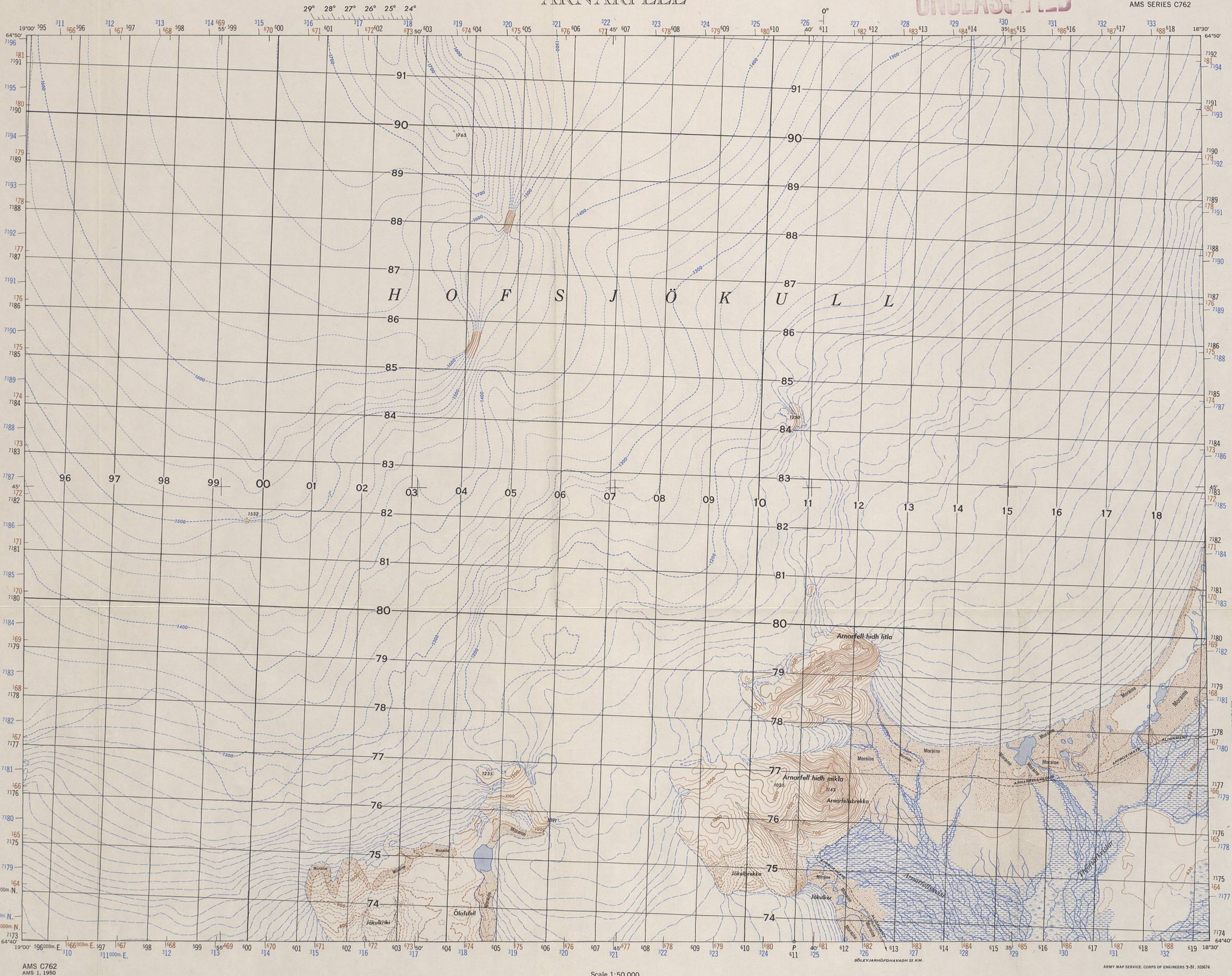
ICELAND 1:50,000

ARNARFELL

AMS 1

RESTRICTED

SHEET 5821 III
AMS SERIES C762



ARMY MAP SERVICE, CORPS OF ENGINEERS 7-51, 103674

AMS C762
AMS 1, 1950

Prepared by the Army Map Service (AM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1949 by photogrammetric (multiplex) and photo-planimetric methods by reference to Iceland, 1:100,000, Geodaetisk Institut, 65, 1945 and from recent intelligence data. Aerial photography Aug. and Oct. 1945, Aug.-Sept. 1946. Partial road reconnaissance by U. S. Army, 1943. Map not field checked. Names are taken directly from the Icelandic sheets, except that dh has been used for ð, Ð; th for þ, Þ and ae for æ, Æ. Boundaries are indeterminate on this sheet.

Scale 1:50,000

1 ½ 0 1 2 3 Miles
1000 500 0 1000 2000 3000 4000 Meters
1000 500 0 1000 2000 3000 4000 Yards

RESTRICTED

UNCLASSIFIED

CONTOUR INTERVAL 20 METERS
VERTICAL DATUM IS BASED ON MEAN SEA LEVEL

SECURITY INFORMATION

LEGEND

ROADS
- Hard surface, all weather road, more than two lanes wide
- Hard surface, all weather road, two lanes wide
- Hard surface, all weather road, less than two lanes wide
- Loose surface, graded, all weather road
- Loose surface, dry weather, or dirt road
- Track or trail

BOUNDARIES
- Sysla
- Hreppur

- Horizontal control point
- Spot elevation in meters — 168
- Prominent lava flows
- Glacier; Snowfield — 100
- Glacial outwash
- Moraine
- Built-up area
- Church; School
- Located object
- Deserted farm, small ruins; Sheepfold — Ruins SF
- Cliff
- Ravine; Crevice
- Gravel, rocky ground and pebbles
- Depth curves in fathoms — 10 5
- Soundings in fathoms — 3 2
- Sunken rocks; Foreshore flats — Mud Sand
- Rocks awash at low tide
- Reef; Limit of danger line
- Submerged reef
- Wharf, pier; Seawall
- Swamp; Falls; Rapids

No woods or brushwood appear on this sheet

TRANSVERSE MERCATOR PROJECTION

HORIZONTAL DATUM IS BASED ON THE ASTRONOMIC STATION OF REYKJAVIK: 21°55'51.55" WEST OF GREENWICH, 64°08'31.88" NORTH

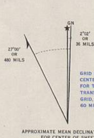
BLACK NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 27, INTERNATIONAL SPHEROID

BLUE NUMBERED TICKS OUTSIDE THE NEATLINE INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 28, INTERNATIONAL SPHEROID

BROWN NUMBERED TICKS INSIDE THE NEATLINE INDICATE THE 1,000 METER ICELAND ZONE GRID

THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED



APPROXIMATE MEAN DECLINATION 1950
FOR CENTER OF SHEET
ANNUAL MAGNETIC CHANGE 10' EASTERLY

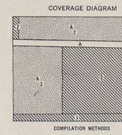
Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale at the north edge of the map.

GRID ZONE DESIGNATION: 27W	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS		
100,000 M. SQUARE IDENTIFICATION	SAMPLE POINT: INTERSECTION 64°45'N – 18°45'W		
WM | XM (600)	1. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself:	07	
	Estimate tenths from grid line to point:	1	
	2. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself:		82
	Estimate tenths from grid line to point:		7
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 7174000	SAMPLE REFERENCE:	071827	
	If reporting beyond 100,000 meters or if sheet bears an overlapping grid, prefix 100,000 Meter Square Identification, as:	XM071827	
	If reporting beyond 9°N-S or 18°E-W, prefix Grid Zone Designation, as:	27WXM071827	

GLOSSARY

brekka	slope, declivity
fell	isolated hill or mountain
hreppur (hreppar)	civil parish(es)
jökull	glacier, ice cap
ker	pool
kriki	knot, creek
kvísl (kvíslar)	fork(s) of a river
sýsla (sýslur)	province(s) or district(s)
vegur	road, path, track

COVERAGE DIAGRAM



COMPILATION METHODS

Photo-stereo — Photo-planimetric — Map

A. Iceland 1:100,000, Geodaetisk Institut, 65, 1945 (controlled ground survey, reliability fair).
Dates of aerial photography: 1-1945, 2-1946.

INDEX TO ADJOINING SHEETS

	19°30'–19°00'	19°00'–30'	30'–18°00'
65°00'–50'	5721 I	5821 IV	5821 I
50'–40'	5721 II	5821 III	5821 II
40'–64°30'	5720 I	5820 IV	5820 I

ARNARFELL, ICELAND
N6440-W1830/10x30