MIDDLE DANUBE 1:100,000
SHEET X-8
WELS

For use by
War and Navy Department Agencies only
Not for sale or distribution
FIRST EDITION - AMS 2

LEGEND

Road classification is NOT based on reconnaissance. Reliability uncertain

Reichsautobahn (National Motor Highway)
2 carriage ways each metalled and 7.5 m. wide
Connecting points with road system where known
Under construction
Main Roads. Metalled, generally about 6 m. wide (mostly Reichsstrassen with route numbers)
Other Main Roads. Metalled, generally about 5 m. wide (sometimes Reichsstrassen with route numbers)
Secondary Roads. Metalled, generally about 4 m. wide
Other Roads and Cart Tracks
Not always motorable and often unmetalled
Paths
Railway. Multiple track (normal gauge) with station, halt
Railway. Single track (normal gauge) with station, halt
Railway. Narrow gauge, tram or Spur track with station, halt
Railway. Under construction
International Boundary
Watermill, Windmill, Windmotor
Lock, Water gate, Dam
Spring, Water cistern, Lighthouse
Church, Mosque, Synagogue, Cross
Control points: Church, Mosque, Synagogue, Station
Quarry, Clay-pit Gravel or Sand-pit
Wireless station, Tower, Monument
High Tension cable and Power station
Cemetery, Christian and non-Christian
Woodland, Brushwood
Vineyard, Orchard
Sand, Gravel
Ford, suitable for vehicles, for horses or pedestrians
Aqueduct or Conduit, overland, underground
Masonry revetments, earth dikes
Road bridge, Railroad bridge

CONTOUR INTERVAL 100 METERS WITH
25 METER AUXILIARY CONTOURS
HEIGHTS IN METERS

POLYCONIC PROJECTION

CONVERSION GRAPH
Meters / Feet

INDEX TO ADJOINING SHEETS AND INCIDENCE OF GRID LETTERS

6500 KMS Germany (Central Europe) 1:250,000 sheet in green

AERIAL PHOTO REVISION DIAGRAM

REVISED FROM 1943 AERIAL PHOTOGRAPHY. IN AREAS OTHER THAN THOSE REVISED FROM AERIAL PHOTOS NO DISTINCTION HAS BEEN MADE BETWEEN WOODLAND AND BRUSHWOOD.

Scale 1:100,000
Miles / Kilometers

GLOSSARY

Alpenhütte A H	alpine farm or inn	Höher	higher
am or an a	on	Holz	woods
an der a d	on the	Klein Kl	small
Au	meadow, pastureland	Kugel Kg	mountain
Bach B	brook	Mittel Mi	middle, central
bei b	by, near, at	Moos	moor
berg bg	mountain	Mühle M	mill
Berg B	mountain	Nieder Nd	lower
brunnen br	spring	Ober Ob	upper
dorf df	village	See S	lake
Fluss Fl	river	Spitze Sp	peak
Gasse	ravine	Thal	valley
Graben Gr	ditch, rivulet	Unter Und	lower
Heide	heath	Vorder Vd	front, fore
Hinter Ht	back, rear	Wald W	woods
Hof Hf	yard, court, farm	Wiese Ws	meadow, field
Höhe	height	Zu	at, by

CONVERGENCE IS GIVEN FOR CENTERS OF W & E SHEET LINES

C = 4°15'E — C = 5°01'E

MAGNETIC DECLINATION 1943
AT CENTER OF SHEET
FROM TRUE NORTH 3°33'W
FROM GRID NORTH 7°34'W

ANNUAL CHANGE ABOUT 8'E

To determine magnetic north line, connect the small point "P" on the north edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale of the north edge of the map.

ALTITUDE TINTS
METERS

TO GIVE A GRID REFERENCE ON THIS SHEET

LETTER. Must be used for this sheet. Obtain from box of map or from diagram

FIGURES. IGNORE the SMALLER figures printed near the sheet corners. These are for finding the full coordinates viz. 1422000

USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP. Viz "22mm"

RIGHT LIGHTERBUCH		LETTER V
Left		Right
Take West edge of square in which reference is required. Count upwards opposite this line as North or South margin of the map. Read off on the face of the map.	29	Take South edge of square in which reference is required. Count upwards opposite this line as East or West margin of the map. Read off on the face of the map.
Eastings (Left)	298	Northings (Right) 339

REFERENCE V298339 To nearest 100 metres.

Left: Square — Right: 1,000 metres; 100 Kms.

Repeat under reference on the grid

NORD DE GUERRE ZONE GRID (Blue)

Projection:	Lambert Conical Orthomorphic
Spheroid:	Du Plessis
Origin:	49°30'N and 7°44'13.95"E
False Co-ordinates of Origin:	600,000 meters East; 300,000 meters North
Scale Factor:	999129081

Prepared under the direction of the Chief of Engineers, U. S. Army, by the Army Map Service (RM), U. S. Army, Washington, D. C., 1943.
Compiled from Austria, 1:25,000 & 1:75,000, Military Geographic Institute, 1920-31. Austrian Automobile Club, 1:200,000, Military Geographic Institute, sheet 7, 1931. Germany, 1:25,000, German General Staff.
Germany, 1:200,000, Royal Prussian Survey sheet 183, Neuhaus, 1910.
Road Classification based on British Intelligence Reports, 1942-43.
Partially revised from aerial photography, 1943.

First Edition 1943

NOTE: OFFICERS USING THIS MAP WILL MARK VERSION CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

A. M. S. M671 (G. S. G. S. 4416)

ARMY MAP SERVICE, U. S. ARMY, WASHINGTON, D. C. 1200837
1943

WELS, AUSTRIA
N4745-E1320/30x60

G
6030
S100
U52
SHEET
X8
PCL MAP