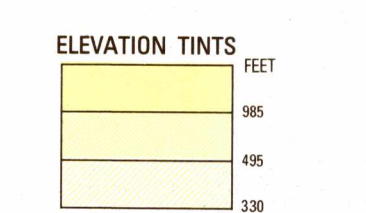


SERIES 1501 AIR SHEET NP 41,42-13 EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1



RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

PLOTING ACCURACY 90% ASSURANCE	AREA I		AREA II		AREA III	
	within	within	within	within	within	within
Horizontal	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.
Vertical	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.	±0.5 ft.

Horizontal Datum: World Geodetic System 1984  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

**GLOSSARY**  
 Anomniy Otkrug - first-order administrative division  
 Gz - huts  
 Oblast - first-order administrative division  
 Ozero - lake  
 Stanitsya - railroad station

**LOCATION DIAGRAM**  
 (MAG INDEX SHOWN IN BLUE)  
 (WGS INDEX SHOWN IN RED/BROWN)

NP 33,40-12	NP 41,42-9	NP 41,42-10
NP 39,40-16	NP 41,42-13	NP 41,42-14
NO 40-3	NO 41-1	NO 41-2
NO 40-3	NO 41-1	NO 41-2

**GEOREF BASIC 15° QUADRANGLE SL**

AA	BA	CA
60°	61°	62°

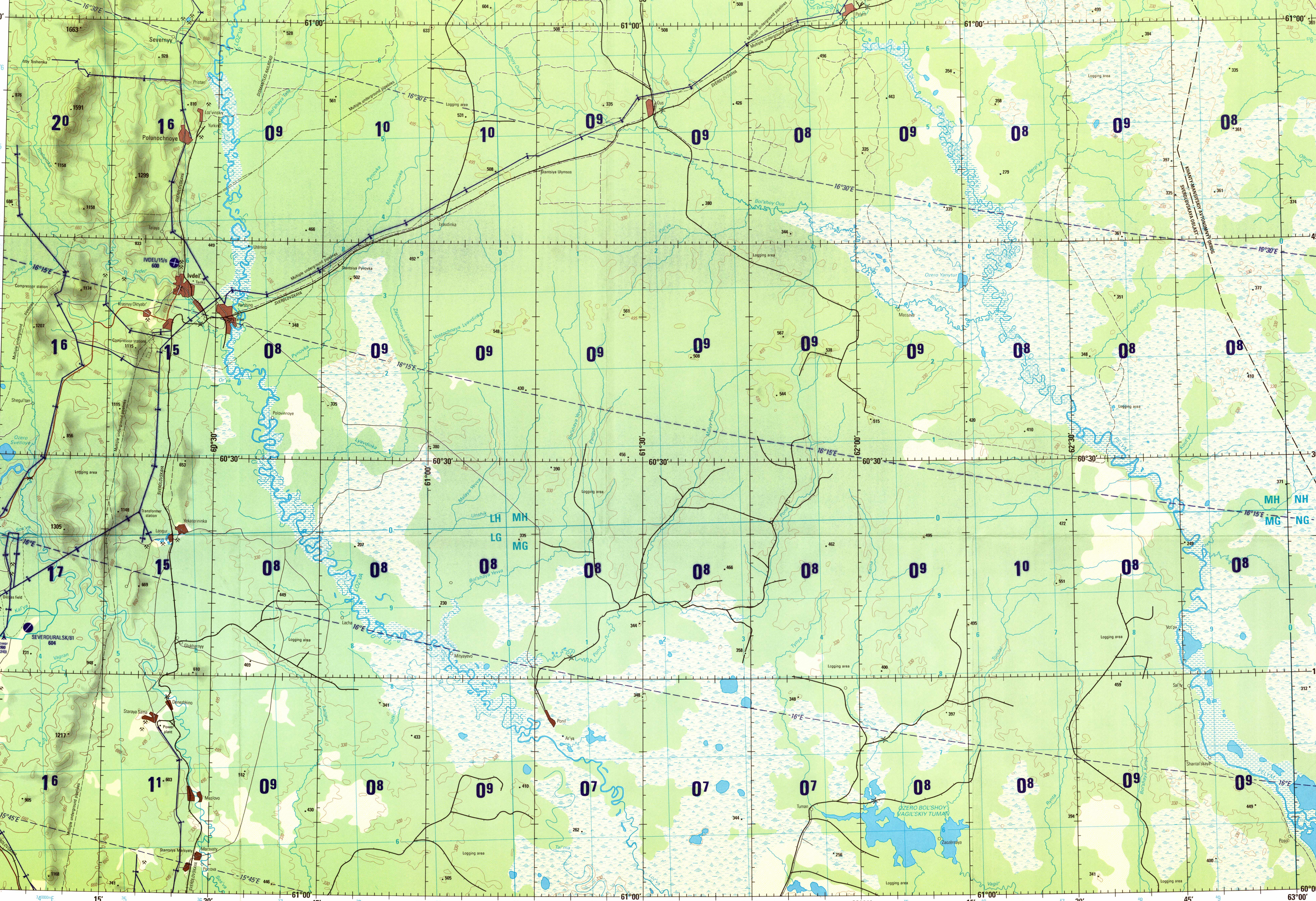
**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

**CAUTION**  
 AIR INFORMATION CURRENT THROUGH 15 DECEMBER 1998  
 Consult NOTAMS and Flight Information Publications for the latest information on the 5000 Aeronautical Chart Updating Manual or MOC (U.S. Aeronautical Chart Amendment document, for other chart revision information).

**CAUTION**  
 Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

SCALE 1:250,000  
 IVDL, RUSSIA  
 SERIES 1501 AIR SHEET NP 41,42-13 EDITION 2  
 SERIES 1501 COMPANION SHEET IS EDITION 1



Prepared and published by the National Imagery and Mapping Agency  
 Compiled March 1998

**MAP INFORMATION AS OF 1997**

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**COORDINATE CONVERSION WGS 84 TO WGS 72**  
 GRID: Subtract 8m E, Subtract 4m N.  
 GEOGRAPHIC: Subtract 0.6" Long, Subtract 0.1" Lat.

**CONVERSION OF ELEVATIONS**

FEET	METERS
1000	305
900	274
800	244
700	213
600	183
500	152
400	122
300	91
200	61
150	46
100	31

**CAUTION**  
 Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

**SCALE 1:250,000**  
 IVDL, RUSSIA  
 SERIES 1501 AIR SHEET NP 41,42-13 EDITION 2  
 SERIES 1501 COMPANION SHEET IS EDITION 1

**ELEVATIONS IN FEET**

All weather, loose or light surface  
 More than two lanes wide  
 Two lanes wide  
 One lane wide  
 Fair or dry weather, loose surface  
 Cart track  
 Footpath, trail  
 Route marker

**RAILROADS**  
 Normal gauge, single track 1.52m (50") Double track  
 Narrow gauge

**BOUNDARIES**  
 International  
 First-order administrative

**OTHER FEATURES**  
 Marsh or swamp; Land subject to inundation

**VEGETATION**  
 Woods, brushwood

**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000

CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBER LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 41, WORLD GEODETIC SYSTEM 1984 ELLIPSOID

VERTICAL SCALE: 1:250,000  
 HORIZONTAL SCALE: 1:250,000

**ELEVATIONS IN FEET**

**AERODROMES (Military or Civil)**  
 Runway pattern known EDNA, 50/s  
 EDNA-Name  
 50-Length of longest runway to nearest hundreds of feet  
 s-Soft or unimproved surface  
 u-Unknown surface  
 725-Elevation

Runway pattern unknown

**HELIPORT/HELIPAD**

**RADIO FACILITIES**  
 VHF OMNI RANGE (VOR)  
 VORTAC  
 TACAN  
 VOR with DME  
 Other facilities

**CONTROLLED AIRSPACE**  
 CONUS ADIZ  
 ADIZ

**VISUAL AIDS AND OBSTRUCTIONS**  
 Obstruction 1108  
 1108-Elevation of obstruction top, above sea level  
 (259)-Elevation of obstruction top, above ground level

Runway pattern unknown  
 Group obstruction  
 Radio facility obstruction  
 Power transmission line  
 Visual ground sign  
 Aero light: Marine light

**ATTENTION**

**THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**

The Maximum Elevation Figures shows in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

**EXAMPLE: 12,300 feet..... 12<sup>5</sup>**

**NOTES**  
 Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.

On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width. THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITY. DEPICTION OF INTERNATIONAL BOUNDARIES HAS BEEN CHANGED SINCE THE LAST EDITION. Road classification should be referred to with caution.

**TERRAIN ELEVATIONS**  
 Spot elevation, normal, critical  
 HIGHEST KNOWN ELEVATION IS 1663 feet at the following coordinates:  
 Geographic 60°59'N, 60°10'E  
 Grid LH4564

Lithographed by NIMA 3-99

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