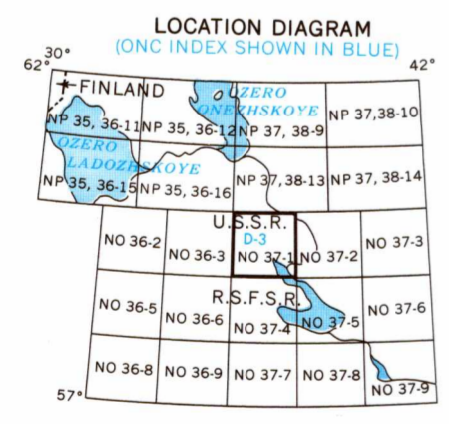


SERIES 1501
SHEET NO 37-1
EDITION 1

- POPULATED PLACES**
- Over 100,000 MOSKVA
 - 50,000 to 100,000 CHERNIGOV
 - 10,000 to 50,000 BATAYSK
 - 2,000 to 10,000 Gigant
 - Less than 2,000 Starokvo
- ROADS**
- All weather, hard surface **3 LINES**
 - Two or more lanes wide **3 LINES**
 - One lane wide **3 LINES**
 - All weather, loose or light surface **3 LINES**
 - Two or more lanes wide **3 LINES**
 - One lane wide **3 LINES**
 - Fair or dry weather, loose surface **3 LINES**
 - Cart track **3 LINES**
 - Footpath/trail **3 LINES**
- RAILROADS**
- Normal gauge, 1.52 m (5') **Single track**
 - Narrow gauge **Multiple track**
 - Station location: Exact, Approximate **Single track**
- BOUNDARIES**
- International **Double line**
 - Primary administrative **Single line**
 - Secondary administrative **Single line**
 - Reservation **Single line**
- OTHER FEATURES**
- Landmark **Triangle**
 - Horizontal control point **Triangle**
 - Level **Triangle**
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical ***351 *1549**
 - HIGHEST KNOWN elevation is **290** meters at 59°39'N, 37°11'E.
- VEGETATION**
- Woods/brushwood **Green**
- HYDROGRAPHY**
- Swamp or marsh **Blue wavy lines**
 - Rock: Sunken: Awash **Blue wavy lines**
 - Wreck: Sunken: Exposed **Blue wavy lines**
 - Limit of danger: Reef **Blue wavy lines**
 - Foreshore flat: Salt evaporator **Blue wavy lines**
 - Depth curves in fathoms **Blue wavy lines**
- AERODROMES (Military or Civil)**
- Field limits with runway pattern **EDNA 221**
 - EDNA—Name **EDNA 221**
 - EDNA—Elevation **EDNA 221**
 - Field limits, with runway pattern unknown **EDNA 221**
 - Field limits unknown, with runway pattern **EDNA 221**
 - Field limits and runway pattern unknown **EDNA 221**
- SEAPLANE BASE**
- SEAPLANE (EMERGENCY) **Anchor symbol**
- HELIPORT**
- HELIPORT **Circle with H**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **338 (79)**
 - 338—Elevation of obstruction top, above sea level (79)—Elevation of obstruction top, above ground level
 - Group obstruction **338 (79)**
 - Radio facility obstruction **338 (79)**
 - Power transmission line **338 (79)**

LIMITED DISTRIBUTION

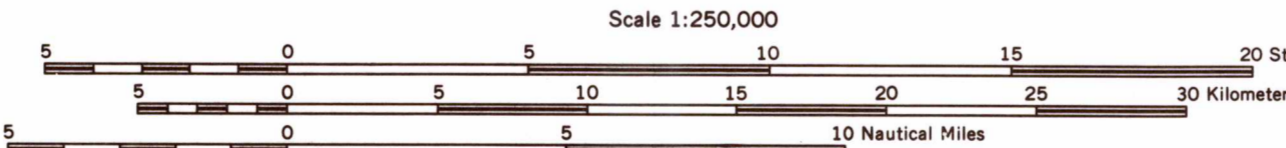
Distribution authorized to DoD, LAW 10 U.S.C. 95130 & 455. Release authorized to U.S. DOD contractors, HW 48 CFR 5282.245-7002. Refer other requests to Headquarters, NIMA, ATTN: Release Officer, Stop P-25. Destroy as "For Official Use Only." Removal of this caveat is prohibited.



ELEVATIONS IN METERS

ELEVATIONS IN METERS

JOINT OPERATIONS GRAPHIC (GROUND)



CONTOUR INTERVAL 20 METERS

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 314-260-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CDD, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003

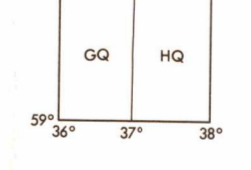
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, INTERNATIONAL SPHEROID

GRID ZONE DESIGNATION	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
18Q UTM	37U UTM
CG DB	CF
CF DF	

1. Read letters identifying 100,000 meter square in which the point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either to the top or bottom margin, or bottom margin, or grid line to point.
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either to the left or right margin, or right margin, or grid line to point.
4. Estimate meters from grid line to point.
SAMPLE REFERENCE: CG 6937
If reporting beyond 9°S or 18°N, prefix Grid Zone Designation, etc.

- GLOSSARY**
- Boloto.....swamp
 - Oblast.....primary administrative division
 - Ozero.....lake
 - Ozero.....lake
 - RSFSR.....Russian Soviet Federative Socialist Republic
 - Ruchey.....stream
 - Stantsiya.....station
 - U.S.S.R.....Union of Soviet Socialist Republics
 - Vodokhranilishche.....reservoir

GEOREF BASIC 15° QUADRANGLE QK



RELIABILITY OF THIS SHEET (as determined by standard practices)

Air information 1969
All other features 1968

Compiled from best available source materials.

Horizontal Datum: Approximate Krassovsk
Vertical Datum: Approximate European Transverse Mercator Projection

NOTES

Only obstructions 61 meters or more above ground level are shown. The information on obstructions is not necessarily complete.
1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9° (160 MILES) EASTERNLY FOR THE CENTER OF THE WEST EDGE TO 10° (180 MILES) EASTERNLY FOR THE CENTER OF THE EAST EDGE.
Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.
On this map a lake is generally considered to be 2.5 meters (8 ft) wide. Road classification should be referred to with caution.
Alignment of all boundaries is approximate.
The reliability of vegetation information is undetermined.
Figures along roads indicate approximate distances in kilometers.

SCALE 1:250,000
CHEREPOVETS, U.S.S.R.



THIS GRAPHIC SUPERSEDES NS01, NO 37-1

NIMA REF. NO. 1501XN03701