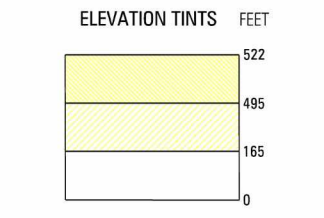


SERIES 1501 AIR
SHEET NR 41,42-8
EDITION 1



RELIABILITY OF THIS GRAPHIC
(as determined by standard practice)

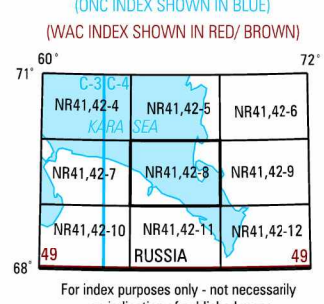
PLOTTING ACCURACY 90% ASSURANCE
Horizontal within 410 ft.
Contours within 280 ft.
Date of information 2002

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

GLOSSARY

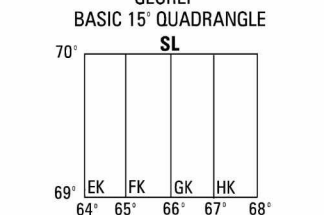
Autonomnyy Okrug ... first order admin. division
Gryada ... ridge
Guba ... bay
More ... peninsula
Mys ... cape, point
Ostrov ... island
Ozera ... lakes
Ozero ... lake
Poluostrov ... peninsula
Protoka ... channel
Sopka ... mound, hill
Zaliv ... bay, gulf

LOCATION DIAGRAM
(MAG INDEX SHOWN IN BLUE)



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
900	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	183	7000	2133
500	152	6000	1828
400	122	5000	1523
300	91	4000	1218
200	61	3000	913
100	31	2000	608
50	15	1500	458
0	0	1000	308



CAUTION
AIR INFORMATION CURRENT THROUGH
18 FEB. 2003
Consult NOTAMS and Flight Information Publications
for the latest information. The NIMA Aeronautical
Chart Updating Manual or NOTIS (I, J, K) Aeronautical
Chart Amendment document, for other chart revision
information.

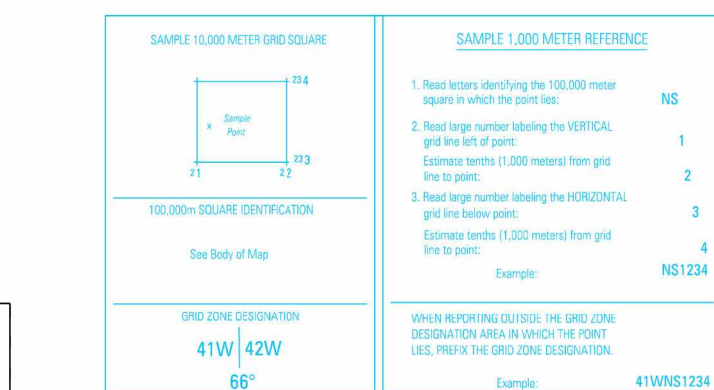
LINE OF EQUAL MAGNETIC VARIATION FOR 2000
(Annual rate of change, 3" increase)

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



SCALE 1:250,000
MORRASALE,
RUSSIA
SERIES 1501 AIR
SHEET NR 41,42-8
EDITION 1

Prepared and published by the National Imagery and Mapping Agency
MAP INFORMATION AS OF 2002



POPULATED PLACES

Symbol	Population	Name
Circle with dot	Over 100,000	ALMATY
Circle with dot	50,000 to 100,000	BALDASH
Circle with dot	10,000 to 50,000	Tatarak
Circle with dot	2,000 to 10,000	Grigor'yevka
Circle with dot	Less than 2,000	Samyi

ROADS

Symbol	Description
Double line	Dual highway
Single line with dashes	All weather, hard surface
Single line with dots	One lane wide
Single line with dashes and dots	All weather, loose or light surface
Single line with dots and dashes	Two or more lanes wide
Single line with dots and dashes	One or more lanes wide
Single line with dots and dashes	Fair or dry weather, loose surface
Single line with dots and dashes	Cart track
Single line with dots and dashes	Trail (footpath)

COORDINATE CONVERSION WGS 84 TO WGS 72
Grid: Subtract 6m.E., Subtract 4m.N.
Geographic: Subtract 0.1" Long., Subtract 0.1" Lat.

BRIDGE

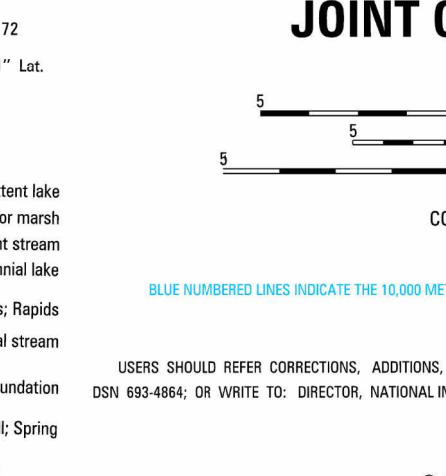
Symbol	Description
Line with cross-ticks	Bridge
Line with cross-ticks and dots	Pipeline

HYDROGRAPHY

Symbol	Description
Line with cross-ticks	Seawalls; Piers
Line with cross-ticks and dots	Depth contour
Line with cross-ticks and dots	Reef
Line with cross-ticks and dots	Exposed wreck
Line with cross-ticks and dots	Rocks: Uncovering, Awash

BOUNDARIES

Symbol	Description
Line with cross-ticks and dots	International
Line with cross-ticks and dots	First-order administrative division
Line with cross-ticks and dots	VEGETATION



JOINT OPERATIONS GRAPHIC (AIR)
SCALE 1:250,000
CONTOUR INTERVAL APPROXIMATELY 85 FEET
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884;
DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES.MAL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5003.

ELEVATIONS IN FEET

Symbol	Description
Circle with cross	AIRCRAFT FACILITY (Military or Civil)
Circle with cross	EDNA / 50' x 50'
Circle with cross	Runway pattern known
Circle with cross	EDNA Name
Circle with cross	50 - Length of longest runway to nearest hundreds of feet
Circle with cross	5 - Built or unimproved surface
Circle with cross	U - Unknown surface
Circle with cross	725 - Elevation
Circle with cross	Runway pattern unknown
Circle with cross	HELIPORT / HELIPAD; AT: HOSPITAL

DEPTHS IN FEET

Symbol	Description
Circle with cross	1108
Circle with cross	(260)
Circle with cross	Visual ground sign
Circle with cross	Aero light: Marine light
Circle with cross	Power transmission line
Circle with cross	Visual ground sign
Circle with cross	Spot elevation: Normal; Critical
Circle with cross	HIGHEST KNOWN elevation is 522 feet at the following coordinates: Geographic: 69°21'N, 64°00'E Grid: NS3995

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
The Maximum Elevation Figure 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.). In areas of extensive unreliable relief, the MEF is shown by a note
spread across the area.
EXAMPLE: 12,500 feet 125

NOTES
Powerlines are shown except within populated place limits. Other
obstructions are shown if they are 150 feet or more above
ground level. See caution note.
On this graphic a line is generally considered as being 8 feet
(2.5 meters) in width.
Boundary representation is not necessarily authoritative.
Approximate maximum limit of pack ice (March) is south of this chart.
AUG area previously worked as four FIC cells. NDIR is unavailable.



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