SERIES GSGS 5973
SHEET Illyskiy Rayon Training Area
EDITION 1-GSGS

Produced by Defence Geographic Centre, ICG, Ministry of Defence, United Kingdom, 2007.
Compiled by DGC in 2007 from Russian World Series 1:50,000 sheets 11-43-022-1, 11-43-022-2, 11-43-022-3 and 11-43-022-4, all dated 1982.
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Refer to GSGS 5861 for full Legend in English.

DGC Positioning Defence

BASE MAP PROJECTION NOTE
Projection: Transverse Mercator
Ellipsoid: WGS 84
Horizontal Datum: WGS 84
Vertical Datum: Mean Sea Level

CAUTION
The operational UTM Grid is indicated by magenta lines.

FOR EXERCISE STEPPE EAGLE USE ONLY

Scale 1:50,000
Metres 1000 +500 0 1 2 3 4 5 Kilometres
1 ½ 0 1 2 3 Statute Miles
1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METRES
CONTOUR INTERVAL 10 METRES

TN GN MN
GRID CONVERGENCE 1°12' (21½ MILS) FOR CENTRE OF SHEET
ANNUAL CHANGE 1' (½ MIL) W
2000 G-M ANGLE 3°36' (64 MILS)
TO CONVERT A MAGNETIC BEARING TO A GRID BEARING ADD G-M ANGLE
TO CONVERT A GRID BEARING TO A MAGNETIC BEARING SUBTRACT G-M ANGLE

GRID DATA
Universal Transverse Mercator Grid Zone 43
Projection: Transverse Mercator
Ellipsoid: World Geodetic System 1984
Datum: WGS 84
Origin: Long. 75°E Lat. Equator
Scale Factor at Origin: 0.9996
False co-ordinates of Origin: 500,000mE 0mN
Unit of Measurement: Metre

CO-ORDINATE TRANSFORMATION WGS 84 TO PULKOVO 1942 DATUM
GEOGRAPHIC LONG PUL-42 = LONG WGS-84 − 0".5 LAT PUL-42 = LAT WGS-84 + 2".0

Magenta numbered lines indicate the 1,000 metre Universal Transverse Mercator Grid Zone 43, WGS 84 Ellipsoid. The last three digits of the grid numbers are omitted.

SAMPLE 1,000 METRE GRID SQUARE
05 674.1 04 51 52

100,000 M. SQUARE IDENTIFICATION
TJ 76 W-20

GRID ZONE DESIGNATION
43T

100 METRE REFERENCE
1. Read large numbers labelling the VERTICAL grid line left of centre and estimate tenths (100 metres) from grid line to point. Ex 6
2. Read large numbers labelling the HORIZONTAL grid line below point and estimate tenths (100 metres) from grid line to point. Ex 3
Example: 674843

WHEN REPORTING ACROSS A 100,000 METRE LINE, PREFIX THE 100,000 METRE SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
Example: TJ674843

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
Example: 43TTJ674843

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CONVERSION GRAPH
(1 metre = 3.28 feet)
Metres 900 800 700 600 500
Feet 2900 2800 2700 2600 2500 2400 2300 2200 2100 2000 1900 1800 1700

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KAZCENT

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