

CHECKLIST OF CARTOGRAPHIC SYMBOLS ON THE 1/100,000 SCALE MANUSCRIPT

Item	Code	O	M	Code	O	M	Code	O	M
Inhabited Areas									
Symbolized building	21001								
Buildings expressed at true scale	21020								
Symbolized ruin	21030								
Ruins expressed at true scale	21040								
Yurt, chum	21050								
Fire proofing building	21060								
Non-fire proofing building	21070								
Sparsely built-up areas	21090								
Newly constructing areas	21100								
Newly constructing areas	21110								
Destroyed half-destroyed blocks	21201								
Plants, factories and mills without chimney	22010								
Plants, factories and mills without chimney expressed at true scale	22012								
Plants, factories and mills with chimney	22013								
Area of plants, factories and mills	22014								
Chimney's	22015								
Per month of drafts and drafts in operation	22020								
Per month of drafts and drafts out of operation	22022								
Open-cast mining areas	22030								
Open-cast mining areas	22032								
Fuel and gas tanks	22040								
Area of fuel and gas tanks	22042								
Oil supply towers and gas stations	22050								
Power stations (hydroelectric, thermal)	22060								
Power transmission stations	22070								
Power transmission stations	22072								
Area of power transmission stations	22073								
Radio stations and television centers	22080								
Television, radio and radio relay masts	22090								
Airports on land water	22100								
Main tower-typed architectures	22110								
Simple towers	22120								
The bathhouse, bathed	22130								
Area of bathhouse, bathed	22132								
Livestock enclosures (minimum size)	22140								
Livestock enclosures (actual size)	22132								
Tekhnicheskyye (technical) stations and benches, telephone exchanges	22150								
Meteorological stations	22160								
Churches	22170								
Mosques	22180								
Mazary, yulbagan, obo	22190								
Remarkable monuments and statues	22200								
Concretes (minimum size)	22120								
Concretes (actual size)	22102								
Gravestone (point)	22203								
Industry, Agriculture and Socio-cultural Field Objects									
Hydrography and its facilities									
Hydrography and its facilities									
Relief									
Relief									
Hydrography and its facilities									
Hydrography and its facilities									
Vegetations and Soils									
Vegetations and Soils									
Boundaries									
Boundaries									

Sheet No. 4368
 Checked by K. U. Suda
 Date: Dec / 28 / 04

Edge matching
 (4356)
 4368 - (4369)
 (43)

* O → the number of omissions M → the number of misdescriptions

CHECKLIST OF CARTOGRAPHIC SYMBOLS ON THE 1/100,000 SCALE MANUSCRIPT

Sheet No. 4369

Checked by K. Usub

Date: Dec / 28 / 04

Item	Code	O	M	Item	Code	O	M	Item	Code	O	M
Inhabited Areas	21001		/	Symbolized building	21001			Herbal plants/point	611603		
	21020			Buildings expressed at true scale	21020			Reeds and other aquatic bushes	611701		
	21030			Symbolized ruin	21030			Marshes/only to be used 1/25,000 scale map	611801		
	21040			Ruins expressed at true scale	21040			Marshes	611802		
	21050			Yurt, chum	21050			Steppe plants	611901		
	21060			Fire proofing building	21060			Semi-shrubs	611902		
	21070			Non-fire proofing building	21070			Steppe plants	611903		
	21090			Sparsely built-up areas	21090			Ice scamps /upper line	611904		
	21100			Newly constructing areas	21100			Ice scamps /lower line	612001		
	21110			Newly constructing areas	21110			Ice scamps /parts	612002		
	21120			Destroyed half-destroyed blocks	21120			Ice scamps /minimum	612101		
	22010			Plants, factories and mills without chimney	22010			Clastic sediments of fragile strata	612201		
	22020			Plants, factories and mills without chimney expressed at true scale	22020			Clastic sediments of hard strata (polygon)	612201		
	22030			Plants, factories and mills with chimney	22030			Clastic sediments of hard strata (line)	612301		
	22040			Area of plants, factories and mills	22040			Land slides/upper line	612401		
	22050			Chimney's	22050			Land slides/lower line	612402		
	22060			Pit mounds of shafts and shafts in operation	22060			Canyons and gullies/vertical line	612501		
	22070			Pit mounds of shafts and shafts out of operation	22070			Canyons and gullies/horizontal line	612502		
	22080			Open-cast mining areas	22080			Escarpments	612601		
	22090			Open-cast mining areas	22090			Boundaries of vegetations and soils	710101		
	22040			Fuel and gas tanks	22040			Boundaries of Autonomous S.S.R. Districts and regions	710201		
	22050			Area of fuel and gas tanks	22050			Boundaries of national preserves	710301		
	22060			Oil supply towers and gas stations	22060						
	22070			Power stations (hydroelectric, thermal)	22070						
	22080			Power transmission stations	22080						
	22090			Power transmission stations	22090						
	22100			Power transmission stations	22100						
	22110			Power transmission stations	22110						
	22120			Power transmission stations	22120						
	22130			Power transmission stations	22130						
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	22150			Power transmission stations	22150						
	22160			Power transmission stations	22160						
	22170			Power transmission stations	22170						
	22180			Power transmission stations	22180						
	22190			Power transmission stations	22190						
	22200			Power transmission stations	22200						
	22210			Power transmission stations	22210						
	22220			Power transmission stations	22220						
	22230			Power transmission stations	22230						
	22240			Power transmission stations	22240						
	22250			Power transmission stations	22250						
	22260			Power transmission stations	22260						
	22270			Power transmission stations	22270						
	22280			Power transmission stations	22280						
	22290			Power transmission stations	22290						
	22300			Power transmission stations	22300						
	22310			Power transmission stations	22310						
	22320			Power transmission stations	22320						
	22330			Power transmission stations	22330						
	22340			Power transmission stations	22340						
	22350			Power transmission stations	22350						
	22360			Power transmission stations	22360						
	22370			Power transmission stations	22370						
	22380			Power transmission stations	22380						
	22390			Power transmission stations	22390						
	22400			Power transmission stations	22400						
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	22990			Power transmission stations	22990						
	23000			Power transmission stations	23000						
	23010			Power transmission stations	23010						
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	23180			Power transmission stations	23180						
	23190			Power transmission stations	23190						
	23200			Power transmission stations	23200						
	23210			Power transmission stations	23210						
	23220			Power transmission stations	23220					</	

CHECKLIST OF CARTOGRAPHIC SYMBOLS ON THE 1/100,000 SCALE MANUSCRIPT

Item	Code	O	M	Item	Code	O	M	Item	Code	O	M
Sheet No. 437 / Date: Dec 24 / 04											
Checked by <i>K. Ulsu</i>											
Inhabited Areas											
Symbolized building	21001			Transmission lines	22201			Moraines	51141		
Buildings expressed at true scale	21021			Transmission lines (hidden line)	22202			Debris flows	51151		
Symbolized ruin	21031			Power transmission lines with wooden poles and reinforced poles (hidden line)	22203			Debris flows (rock wall/upper line)	51171		
Ruins expressed at true scale	21041			Power transmission lines with metal poles and reinforced poles (hidden line)	22204			Precipices and rock walls/lower line	51172		
Yurt, chum	21051			Power transmission lines (hidden line)	22205			Precipices and rock walls/upper line	51179		
Fire proofing building	21061			Stony, bricky walls and acetate fences	22206			Boundaries of firm fields	51181		
Non-fire proofing building	21071			Light fences for industrial, agricultural and socio-cultural object objects	22261			Turf-banked terraces	51199		
Sparsely built-up areas	21091			Boundary of other areas except vegetation and soils	22262			Ice scarps / upper line	51201		
Newly constructing areas	21101			Railways	31011			Ice scarps / lower line	51202		
Newly constructing areas	21111			Railway stations	31021			Ice scarps / parts	51209		
Destroyed half-destroyed blocks	21121			Block points and clear posts	31031			Boundaries of firm fields	51211		
Plants, forests and milk without chimney	22011			Loading and unloading sites	31041			Ice scarps / minimum	51212		
Plants, forests and milk without chimney expressed at true scale	22012			Blind alley of branch lines	31051			Chaste sediments of fragile areas	51221		
Plants, factories and mills with chimney	22013			Branch lines	31052			Chaste sediments of hard areas (polygon)	51231		
Area of plants, factories and mills	22014			Chimneys	31061			Chaste sediments of hard areas (line)	51232		
Pit, mouth of shafts and drifts in operation	22021			Culvert	31071			Chaste sediments of hard areas (parts)	51239		
Pit, mouth of shafts and drifts out of operation	22022			Embankments	31081			Land slides / upper line	51241		
Open-cast mining areas	22031			Cuttings	31082			Land slides / lower line	51242		
Open-cast mining areas	22032			Automotive roads with improved pavement	32011			Land slides / vertical line	51251		
Fuel and gas tanks	22041			Automotive roads with pavement	32021			Canyons and gullies/horizontal line	51261		
Area of fuel and gas tanks	22042			Automotive roads without pavement	32031			Escarpments	51262		
Oil supply towers and gas stations	22051			Wide streets in the built-up areas	32032			Boundaries of vegetations and soils	61011		
Power stations (hydroelectric, thermal)	22061			Narrow streets in the built-up areas	32033			Forest	61021		
Power transmission stations	22071			Roadside blank space	32034			Dominant species trees in the forest /coniferous	61031		
Power transmission stations	22072			Earthen country road	32041			Dominant species trees in the forest /deciduous	61032		
Area of power transmission stations	22073			Field and forestry roads	32051			Dominant species trees in the forest /mixed	61033		
Radio stations and television centers	22081			Foot paths	32061			Narrow forest belts and protective plantings	61041		
Television, radio and cable relay areas	22091			Foot bridges	32071			Isolated trees, area landmark trees	61051		
Main tower-typed architectures	22101			Roads under-construction	32081			Forest stumps, numerous and saplings/less than 4m height	61061		
The hobhouse, hobbed	22111			Embankments and cuttings	32091			Thin woods	61071		
Area of hobhouses, hobbed	22112			Parking areas	32101			Shrub/point	61081		
Livestock enclosures (minimum size)	22121			Parking areas expressed to true scale	32111			Shrubs/filled with color	61082		
Livestock enclosures (actual size)	22131			Boundary points between different types of roads	32112			Shrubs/filled with color and symbols	61091		
Telegraph, radiotelegraph stations and branches, telephone exchanges	22151			Water lines of sea, rivers, locks and reservoirs	32131			Coniferous trees	61092		
Meteorological stations	22161			Coastal sand banks and shoals	41011			Broad leaf trees	61101		
Churches	22171			Crity and rocky shores	41021			Narrow shrub belts and hedges	61111		
Mosques	22181			Permanent river and streams (less than 5m wide)	41031			Creeping shrubs/point	61121		
Mazary, suburgan, obo	22191			Permanent river and streams (more than 5m wide)	41041			Creeping shrubs/filled with color and symbols	61122		
Remarkable monuments and statues	22201			Centerlines of rivers	41043			Fruits and citrus gardens	61131		
Concreties (minimum size)	22211			Hidden lines on rivers joining through banks	41044			Vineyards	61141		
Concreties (actual size)	22212			Hidden lines on rivers joining through banks	41045			Fruits and citrus gardens with vineyards	61142		
Gravestone (point)	22213			Dried up rivers and streams (single line)	41051			Berry gardens	61151		
				Dried up rivers and streams (double line)	41052			Fruit-berry gardens	61152		
				Waterfalls expressed to true scale	41061			Fruit plants/polygon	61161		
				Waterfalls/minimum	41062			Herbal plants/polygon	61162		
Industry, Agriculture and Socio-cultural Field Objects											
Hydrography and its facilities											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Elementations of shorelines	41071		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51054			Arrow showing direction of river streams	41081		
Passes, boat passages and prehistoric period	51071			Passes, boat passages and prehistoric period	51072			Velocity values of flow/text	41082		
Depressions/minimum	51081			Depressions/minimum	51082			Velocity values of flow	41083		
Depressions/actual scale	51083			Depressions/actual scale	51084			Characteristics of rivers and canals (true scale)	41091		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51092			Characteristics of river and canals (minimum)	41092		
Barrows and hills/actual scale	51093			Entrances of natural and artificial caves	51101			Water gauges and tide gauges	41101		
Firm fields and permanent snow patches	51101			Firm fields and permanent snow patches	51102			Canals and ditches	41111		
Chister tongues	51111			Chister tongues	51112			Canals and ditches (form 3m to 10m wide)	41112		
Ghater crossings	51131			Ghater crossings	51132			Canals and ditches (more than 10m wide)	41113		
Relife											
Hydrography and its facilities											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Irrigation canals (ditches)	41121		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51054			Water supplying facilities	41131		
Passes, boat passages and prehistoric period	51071			Passes, boat passages and prehistoric period	51072			Water supplying facilities (polygon)	41132		
Depressions/minimum	51081			Depressions/minimum	51082			Dried up ditches (single line)	41141		
Depressions/actual scale	51083			Depressions/actual scale	51084			Dried up ditches (double line)	41142		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51092			Fords expressed to true scale	41151		
Barrows and hills/actual scale	51093			Entrances of natural and artificial caves	51101			Bridges crossing small obstacles and culverts (less than 3m in length)	41161		
Firm fields and permanent snow patches	51101			Firm fields and permanent snow patches	51102			Bridges crossing small obstacles and culverts (more than 3m in length)	41162		
Chister tongues	51111			Chister tongues	51112			Bridges and elevated bridges (minimum)	41171		
Ghater crossings	51131			Ghater crossings	51132			Quay	41181		
Relife											
Hydrography and its facilities											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Impassable dam (to scale)	41182		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51054			Embankments	41191		
Passes, boat passages and prehistoric period	51071			Passes, boat passages and prehistoric period	51072			Embankments (minimum)	41192		
Depressions/minimum	51081			Depressions/minimum	51082			Bridges and ditches with embankments on one side and both	41201		
Depressions/actual scale	51083			Depressions/actual scale	51084			Water pipes on the ground	41211		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51092			Wells	41221		
Barrows and hills/actual scale	51093			Entrances of natural and artificial caves	51101			Artesian wells and artesian deep-bored wells	41231		
Firm fields and permanent snow patches	51101			Firm fields and permanent snow patches	51102			Reservoirs and other water-storing facilities	41241		
Chister tongues	51111			Chister tongues	51112			Fountainheads	41251		
Ghater crossings	51131			Ghater crossings	51132			Equipped fountainheads	41261		
Vegetations and Soils											
Vegetations and Soils											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Shrub/point	61081		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51054			Shrubs/filled with color	61082		
Passes, boat passages and prehistoric period	51071			Passes, boat passages and prehistoric period	51072			Thorny bushes/point	61091		
Depressions/minimum	51081			Depressions/minimum	51082			Shrubs/filled with color and symbols	61092		
Depressions/actual scale	51083			Depressions/actual scale	51084			Thorny bushes/filled with color and symbols	61093		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51092			Coniferous trees	61101		
Barrows and hills/actual scale	51093			Entrances of natural and artificial caves	51101			Broad leaf trees	61102		
Firm fields and permanent snow patches	51101			Firm fields and permanent snow patches	51102			Narrow shrub belts and hedges	61111		
Chister tongues	51111			Chister tongues	51112			Creeping shrubs/point	61121		
Ghater crossings	51131			Ghater crossings	51132			Creeping shrubs/filled with color and symbols	61122		
Boundaries											
Boundaries											
Neotical boundaries	71011			Neotical boundaries	71012			Thorny bushes/filled with color and symbols	61091		
Boundaries of Autonomous S.S.R.	71021			Boundaries of Autonomous S.S.R.	71022			Coniferous trees	61101		
Boundaries of national preserves	71031			Boundaries of national preserves	71032			Broad leaf trees	61102		
								Narrow shrub belts and hedges	61111		
								Creeping shrubs/point	61121		
								Creeping shrubs/filled with color and symbols	61122		
								Fruits and citrus gardens	61131		
								Vineyards	61141		
								Fruits and citrus gardens with vineyards	61142		
								Berry gardens	61151		
								Fruit-berry gardens	61152		
								Fruit plants/polygon	61161		
								Herbal plants/polygon	61162		

* O → the number of omissions M → the number of misdescriptions

Edge matching
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 (4370) 4371 (4372)
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