

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>F. Ulsuabe</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	51151		
Ruins expressed at true scale	21041			Power transmission lines with metal poles and reinforced poles (hidden line)	22204			Precipices and rock walls/upper line	51171		
Yurt, chum	21051			Power transmission lines (hidden line)	22205			Precipices and rock walls/lower line	51172		
Fire proofing building	21061			Stony, brickly walls and acetate fences	22206			Precipices and rock walls/parts	51179		
Non-fire proofing building	21071			Light fences for industrial, agricultural and socio-cultural object objects	22261			Boundaries of firm fields	51181		
Sparsely built-up areas	21091			Boundary of other areas except vegetation and soils	22262			Turf-banked terraces	51199		
Newly constructing areas	21101			Railways	31011			Ice scarps / upper line	51201		
Newly constructing areas	21111			Railway stations	31021			Ice scarps / lower line	51202		
Destroyed half-destroyed blocks	21121			Block points and clear posts	31031			Ice scarps / parts	51209		
Plants, forests and milk without chimney	22011			Loading and unloading sites	31041			Boundaries of firm fields	51181		
Plants, forests and milk without chimney expressed at true scale	22012			Blind alley of branch lines	31051			Ice scarps / upper line	51200		
Plants, factories and mills with chimney	22013			Branch lines	31052			Ice scarps / lower line	51202		
Area of plants, factories and mills	22014			Chimneys	31061			Ice scarps / parts	51209		
Chimneys	22015			Chimneys	31061			Boundaries of firm fields	51181		
Pit, mouth of shafts and drifts in operation	22021			Embankments	31071			Turf-banked terraces	51199		
Pit, mouth of shafts and drifts out of operation	22022			Cuttings	31081			Ice scarps / upper line	51200		
Open-cast mining areas	22031			Automotive roads with improved pavement	32011			Ice scarps / lower line	51202		
Open-cast mining areas	22032			Automotive roads with pavement	32021			Ice scarps / parts	51209		
Fuel and gas tanks	22041			Automotive roads without pavement	32031			Boundaries of firm fields	51181		
Area of fuel and gas tanks	22042			Wide streets in the built-up areas	32032			Passable swamps	61200		
Oil supply towers and gas stations	22051			Narrow streets in the built-up areas	32033			Passable swamps	61202		
Power stations (hydroelectric, thermal)	22061			Roadside blank space	32034			Passable solonchak	61201		
Power transmission stations	22071			Earthen country road	32041			Surfaces with hills	61201		
Power transmission stations	22072			Field and forestry roads	32051			Hilly surfaces	61231		
Area of power transmission stations	22073			Foot paths	32051			Stony dispersions and angular stone surfaces	61241		
Radio stations and television centers	22081			Foot bridges	32071			Stony surfaces	61242		
Television, radio and radio relay masts	22091			Roads under-construction	32081			Stony surfaces/point	61243		
Airports on land water	21101			Embankments and cuttings	32091			Stony surfaces/point	61243		
Main tower-typed architectures	21111			Parking areas	32111			Conglomerate and gravel surfaces	61244		
Simple towers	21121			Parking areas expressed to true scale	32112			Stony flats	61261		
The hobhouse, hobbed	21131			Boundary points between different types of roads	32131			Neotical boundaries	71011		
Area of hobhouses, hobbed	21132			Water lines of sea, rivers, locks and reservoirs	41011			Boundaries of Autonomous S.S.R.	71021		
Livestock enclosures (minimum size)	21141			Coastal sand banks and shoals	41021			Boundaries of national preserves	71031		
Livestock enclosures (actual size)	21151			Crity and rocky shores	41031						
Telegraph, radiotelegraph stations and branches, telephone exchanges	21161			Permanent river and streams (less than 5m wide)	41041						
Meteorological stations	21171			Permanent rivers and streams (more than 5m wide)	41042						
Churches	21181			Permanent river and streams (more than 30m wide)	41043						
Mosques	21191			Centerlines of rivers	41044						
Mazary, suburgan, obo	22001			Hidden lines on rivers joining through banks	41045						
Remarkable monuments and statues	22001			Dried up rivers and streams (single line)	41051						
Concreties (minimum size)	22101			Dried up rivers and streams (double line)	41052						
Concreties (actual size)	22102			Waterfalls expressed to true scale	41061						
Gravestone (point)	22103			Waterfalls/minimum	41062						
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			Elements 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	51053			Arrow showing direction of river streams	41081		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Velocity values of flow/text	41083		
Depressions/minimum	51081			Depressions/minimum	51081			Velocity values of flow	41083		
Depressions/actual scale	51082			Depressions/actual scale	51082			Characteristics of rivers and canals (true scale)	41091		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Characteristics of rivers and canals (more than 10m wide)	41091		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Water gauges and tide gauges	41101		
Entrances of natural and artificial caves	51101			Entrances of natural and artificial caves	51101			Canals and ditches (single line)	41111		
Firm fields and permanent snow patches	51111			Firm fields and permanent snow patches	51111			Canals and ditches (more than 10m wide)	41113		
Chaister tongues	51121			Chaister tongues	51121			Irrigation canals (ditches)	41121		
Ghater crossings	51131			Ghater crossings	51131			Water supplying facilities	41131		
Relife											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Water supplying facilities	41131		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51053			Dried up ditches (single line)	41141		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Dried up ditches (double line)	41142		
Depressions/minimum	51081			Depressions/minimum	51081			Fords expressed to true scale	41151		
Depressions/actual scale	51082			Depressions/actual scale	51082			Bridges crossing small obstacles and culverts (less than 3m in length)	41161		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Bridges crossing small obstacles and culverts (more than 3m in length)	41161		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Bridges and elevated bridges (minimum)	41171		
Entrances of natural and artificial caves	51101			Entrances of natural and artificial caves	51101			Quay	41181		
Firm fields and permanent snow patches	51111			Firm fields and permanent snow patches	51111			Impassable dam (to scale)	41182		
Chaister tongues	51121			Chaister tongues	51121			Embankments	41191		
Ghater crossings	51131			Ghater crossings	51131			Embankments (minimum)	41192		
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			Bridges crossing small obstacles and culverts (less than 3m in length)	41161		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51053			Bridges crossing small obstacles and culverts (more than 3m in length)	41161		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Bridges and elevated bridges (minimum)	41171		
Depressions/minimum	51081			Depressions/minimum	51081			Quay	41181		
Depressions/actual scale	51082			Depressions/actual scale	51082			Impassable dam (to scale)	41182		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Embankments	41191		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Embankments (minimum)	41192		
Entrances of natural and artificial caves	51101			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	51111			Firm fields and permanent snow patches	51111			Bridges crossing small obstacles and culverts (more than 3m in length)	41161		
Chaister tongues	51121			Chaister tongues	51121			Bridges and elevated bridges (minimum)	41171		
Ghater crossings	51131			Ghater crossings	51131			Quay	41181		
Relife											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Elements 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	51053			Arrow showing direction of river streams	41081		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Velocity values of flow/text	41083		
Depressions/minimum	51081			Depressions/minimum	51081			Velocity values of flow	41083		
Depressions/actual scale	51082			Depressions/actual scale	51082			Characteristics of rivers and canals (true scale)	41091		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Characteristics of rivers and canals (more than 10m wide)	41091		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Water gauges and tide gauges	41101		
Entrances of natural and artificial caves	51101			Entrances of natural and artificial caves	51101			Canals and ditches (single line)	41111		
Firm fields and permanent snow patches	51111			Firm fields and permanent snow patches	51111			Canals and ditches (more than 10m wide)	41113		
Chaister tongues	51121			Chaister tongues	51121			Irrigation canals (ditches)	41121		
Ghater crossings	51131			Ghater crossings	51131			Water supplying facilities	41131		
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			Water supplying facilities	41131		
Dried river beds and dried up lake basins/ filled with pattern	51053			Dried river beds and dried up lake basins/ filled with pattern	51053			Dried up ditches (single line)	41141		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Dried up ditches (double line)	41142		
Depressions/minimum	51081			Depressions/minimum	51081			Fords expressed to true scale	41151		
Depressions/actual scale	51082			Depressions/actual scale	51082			Bridges crossing small obstacles and culverts (less than 3m in length)	41161		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Bridges crossing small obstacles and culverts (more than 3m in length)	41161		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Bridges and elevated bridges (minimum)	41171		
Entrances of natural and artificial caves	51101			Entrances of natural and artificial caves	51101			Quay	41181		
Firm fields and permanent snow patches	51111			Firm fields and permanent snow patches	51111			Impassable dam (to scale)	41182		
Chaister tongues	51121			Chaister tongues	51121			Embankments	41191		
Ghater crossings	51131			Ghater crossings	51131			Embankments (minimum)	41192		
Relife											
Pre-river beds and dried up lake basins/double lines	51051			Pre-river beds and dried up lake basins/ filled with pattern	51052			Elements 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	51053			Arrow showing direction of river streams	41081		
Passes, boat alleys and prehistoric period	51071			Passes, boat alleys and prehistoric period	51071			Velocity values of flow/text	41083		
Depressions/minimum	51081			Depressions/minimum	51081			Velocity values of flow	41083		
Depressions/actual scale	51082			Depressions/actual scale	51082			Characteristics of rivers and canals (true scale)	41091		
Barrows and hills/minimum	51091			Barrows and hills/minimum	51091			Characteristics of rivers and canals (more than 10m wide)	41091		
Barrows and hills/actual scale	51092			Barrows and hills/actual scale	51092			Water gauges and tide gauges	41101		
Entrances of natural and artificial caves	51101			Entrances of natural and artificial caves	51101			Canals and ditches (single line)	41111		
Firm fields and permanent snow patches	51111			Firm fields and permanent snow patches	51111			Canals and ditches (more than 10m wide)	41113		
Chaister tongues	51121			Chaister tongues	511						

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

Sheet No. 4438

Checked by *K. Ugyuda*

Date: *Dec / 26 / 08*

Item	Code	O	M	Item	Code	O	M	Item	Code	O	M		
Inhabited Areas	21001			Symbolized building	410701			Meritans	511901			Herbal plants/point	611603
	210201			Buildings expressed at true scale	410801			Debris flows	511501			Reeds and other species bushes	611701
	210301			Power transmission lines with wooden poles	410802			Precipices and rock walls/upper line	511701			Marshes/only to be used 1/25,000 scale map	611801
	210401			Power transmission lines (hidden line)	410901			Precipices and rock walls/lower line (true scale)	511799			Marshes	611802
	210501			Power transmission lines with metal and reinforced concrete poles	410902			Precipices and rock walls/parts	511801			Marshes	611803
	210601			Power transmission lines (hidden line)	411001			Boundaries of far fields	511999			Steppe plants	611901
	210701			Stony, brickly walls and masonry fences	411101			Turf-banked terraces	512001			Semi-shrubs	611902
	210901			Light fences for industrial, agricultural and other objects	411102			Ice scarps /upper line	512002			Steppe plants	611903
	211001			Boundary of objects except vegetation and soils	411103			Ice scarps /lower line	512099			Semi-shrubs	611904
	211101			Railways	411201			Ice scarps /parts	512101			Passable swamps	612002
	211201			Destroyed half-destroyed blocks	411301			Ice scarps /minimum	512201			Passable swamps	612101
	220101			Plants, factories and mills without chimney	411401			Classic sediments of fragile strata (polygen)	512301			Passable solonchak	612201
	220201			Plants, factories and mills without chimney expressed at true scale	411402			Classic sediments of hard strata (fine)	512399			Surfaces with hills	612301
	220301			Plants, factories and mills with chimney	411501			Classic sediments of hard strata (polygen)	512401			Stony surfaces	612401
	220401			Area of plants, factories and mills	411601			Land slides/upper line	512402			Stony surfaces	612402
	220501			Chimneys	411602			Land slides/lower line	512501			Stony surfaces/point	612403
	220601			Pit mounds of shells and drifts in operation	411701			Canyons and gullies/vertical line	512502			Stony surfaces/point	612404
	220701			Pit mounds of shells and drifts out of operation	411801			Canyons and gullies/horizontal line	512601			Conglomerate and gravel surfaces	612501
	220801			Open-cast mining areas	411802			Escarpments	610101			Study flats	612601
	220901			Open-cast mining areas	411901			Boundaries of vegetation and soils	610201			National boundaries	710101
	221001			Fuel and gas tanks	411902			Forests	610301			Boundaries of Autonomous S.S.R. Districts and regions	710201
	221101			Area of fuel and gas tanks	412001			Dominant species trees in the forest	610302			Boundaries of national preserves	710301
	221201			Fuel and gas tanks	412101			Dominant species trees in the forest /deciduous	610303				
	221301			Oil supply towers and gas stations	412201			Dominant species trees in the forest /mixed	610401				
	221401			Power stations (hydroelectric, thermal)	412301			Isolated trees, non landmark trees	610501				
	221501			Power transmission stations	412401			Forest stumps, stumps and saplings/less than 1m height	610601				
	221601			Power transmission stations	412501			Thin woods	610701				
	221701			Power transmission stations	412601			Shrubs/point	610801				
	221801			Area of power transmission stations	412701			Shrubs/filled with color	610802				
	221901			Radio stations and television centers	412801			Theory bushes/point	610901				
	222001			Airports on land water	412901			Theory bushes/filled with color and symbols	610902				
	222101			Main tower-typed architectures	413001			Coniferous trees	611001				
	222201			Simple towers	413002			Broad leaf trees	611002				
	222301			The hobhouse, hobbed	413003			Narrow shrub belts and hedges	611101				
	222401			Area of hobhouse, hobbed	413004			Creeping shrubs/point	611201				
	222501			Livestock enclosures (minimum size)	413005			Creeping shrubs/filled with color and symbols	611202				
	222601			Livestock enclosures (actual size)	413006			Fruits and citrus gardens	611301				
	222701			Telegraph, radiotelegraph stations and teleposts, telepost exchanges	413007			Vineyards	611401				
	222801			Meteorological stations	413008			Fruit and citrus gardens with vineyards	611402				
	222901			Churches	413009			Berry gardens	611501				
	223001			Mosques	413010			Fruit-berry gardens	611502				
	223101			Mazary, subirgan, dho	413011			Herbal plants/polygon	611601				
	223201			Remarkable monuments and statues	413012			Herbal plants/polygon	611602				
	223301			Cemeteries (minimum size)	413013								
	223401			Cemeteries (actual size)	413014								
	223501			Gravestones (point)	413015								
	223601				413016								
	223701				413017								
	223801				413018								
	223901				413019								
	224001				413020								
	224101				413021								
	224201				413022								
	224301				413023								
	224401				413024								
	224501				413025								
	224601				413026								
	224701				413027								
	224801				413028								
	224901				413029								
	225001				413030								
	225101				413031								
	225201				413032								
	225301				413033								
	225401				413034								
	225501				413035								
	225601				413036								
	225701				413037								
	225801				413038								
	225901				413039								
	226001				413040								
	226101				413041								
	226201				413042								
	226301				413043								
	226401				413044								
	226501				413045								
	226601				413046								
	226701				413047								
	226801				413048								
	226901				413049								
	227001				413050								
	227101				413051								
	227201				413052								
	227301				413053								
	227401				413054								
	227501				413055								
	227601				413056								
	227701				413057								
	227801				413058								
	227901				413059								
	228001				413060								
	228101				413061								
	228201				413062								
	228301				413063								
	228401				413064								
	228501				413065								
	228601				413066								
	228701				413067								
	228801				413068								
	228901				413069								
	229001				413070								
	229101				413071								
	229201				413072								
	229301				413073								
	229401				413074								
	229501				413075								
	229601				413076								
	229701				413077								
	229801				413078								
	229901				413079								
	230001				413080								
	230101				413081								
	230201				413082								
	230301				413083								
	230401				413084								
	230501				413085								
	230601				413086								
	230701				413087								

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Item	Code	O	M	Item	Code	O	M	Item	Code	O	M	Item	Code	O	M		
Inhabited Areas																	
Symbolized building	210101			Transmission lines	222001			Elevations of shorelines	410701			Moraines	511401			Herbal plants/point	611603
Buildings expressed at true scale	210201			Transmission lines (hidden line)	222002			Arrows showing direction of river streams	410801			Debris flows	511501			Reeds and other species bushes	611701
Symbolized ruin	210301			Power transmission lines with wooden poles and reinforced poles (hidden line)	222003			Velocity value of flow/height	410803			Precipites and rock walls/upper line	511701			Marshes/ only to be used 1/25,000 scale map	611801
Ruins expressed at true scale	210401			Power transmission lines (double line)	222004			Velocity value of flow (true scale)	410901			Precipites and rock walls/lower line	511702			Marshes	611802
Yurt, chum	210501			Power transmission lines with metal poles and reinforced poles (hidden line)	222005			Characteristics of rivers and canals (true scale)	410902			Precipites and rock walls/upper line	511799			Marshes	611803
Yurt, chum	210601			Power transmission lines (double line)	222006			Characteristics of rivers and canals (more than 10m wide)	410902			Boundaries of farm fields	511801			Marshes	611803
Fire proofing building	210701			Step, rocky walls and narrow forest	222007			Water gauges and tide gauges	411001			Turf-banked terraces	511999			Steppe plants	611901
Non-fire proofing building	210801			Light fence for fenced, agricultural and socio-cultural object sites	222008			Canals and ditches (from 2m to 10m wide)	411101			Ice scarp/ upper line	512001			Semi-shrubs	611902
Sparsely built-up areas	210901			Boundary of other areas except vegetation and soils	222009			Canals and ditches (more than 10m wide)	411102			Ice scarp/ lower line	512002			Steppe plants	611903
Newly constructing areas	211001			Railways	310101			Irrigation canals (ditches)	411103			Ice scarp/ parts	512099			Semi-shrubs	611904
Newly constructing areas	211101			Railway stations	310201			Water supplying facilities	411201			Ice scarp/ minimum	512101			Passable swamps	612002
Destroyed half-destroyed blocks	211201			Block points and clear points	310301			Water supplying facilities (single line)	411302			Passable swamps	512101			Passable swamps	612002
Plants, forests and mills without chimney	220101			Loading and unloading sites	310401			Dried up ditches (single line)	411401			Clastic sediments of hard strata (polygon)	512201			Passable solonchak	612101
Plants, forests and mills without chimney expressed at true scale	220102			Blind alley of branch lines	310501			Dried up ditches (double line)	411402			Clastic sediments of hard strata (irregular)	512301			Surfaces with hills	612201
Plants, forests and mills with chimney	220103			Branch lines	310502			Food expressed to true scale	411501			Land slides/upper line	512401			Hilly surfaces	612301
Area of plants, factories and mills	220104			Chuvet	310601			Bridges crossing small obstacles and culverts (less than 3m in length)	411601			Land slides/lower line	512402			Stony (impetuous and saugur stone) surfaces	612401
Chimneys	220105			Embankments	310701			Bridges crossing small obstacles and culverts (more than 3m in length)	411602			Canyon and gullies/vertical line	512501			Stony surfaces	612402
Pit mouths of shafts and drills in operation	220201			Cuttings	310801			Highways and elevated bridges (true/min)	411701			Canyon and gullies/horizontal line	512502			Stony surfaces/point	612403
Pit mouths of shafts and drills out of operation	220202			Automotive roads with improved pavement	320101			Quay	411801			Escarpments	512601			Stony surfaces/point	612404
Open-cast mining areas	220301			Automotive roads with pavement	320201			Impassable dam	411802			Boundaries of vegetation and soils	512601			Conglomerate and gravel surfaces	612501
Open-cast mining areas	220302			Automotive roads without pavement	320301			Embankment (to scale)	411901			Boundaries of vegetation and soils	512601			Stony flats	612601
Fuel and gas tanks	220401			Wide streets in the built-up areas	320302			Embankments (minimum)	411902			Forests	610101			National boundaries	710101
Area of fuel and gas tanks	220402			Narrow streets in the built-up areas	320303			Rivers, canals and ditches with embankments on one side and both	412001			Dominant species trees in the forest /coniferous	610201			Boundaries of Autonomous S.R.	710201
Oil supply towers and gas stations	220501			Roadside blank space	320304			Water pipes on the ground	412101			Dominant species trees in the forest /deciduous	610302			Boundaries of national preserves	710301
Power stations(hydroelectric, thermal)	220601			Earthen country road	320401			Wells	412201			Reservoirs and other water-storing facilities	610303				
Power transmission stations	220701			Field and forestry roads	320501			Artesian wells and artesian deep-bored wells	412301			Narrow forest belts and protective plantings	610401				
Power transmission stations	220702			Foot paths	320601			Reservoirs and other water-storing facilities	412401			Isolated trees, non landmark trees	610501				
Area of power transmission stations	220703			Foot bridges	320701			Fountainheads	412501			Thin woods	610601				
Radio stations and television centers	220801			Roads under construction	320801			Equipped fountainheads	412601			Shrubs/point	610701				
Televisions, radio and radio relay masts	220901			Embankments and cuttings	320901			Moorage without mooring facilities	412701			Shrubs/point	610801				
Airports on land water	221001			Parking areas	321001			Moorage with mooring facilities	412801			Shrubs/point	610802				
Main tower-typed architectures	221101			Parking areas expressed to true scale	321102			Lighthouse	412901			Shrubs/point	610901				
Simple towers	221201			Boundary points between different types of sea, rivers, lakes and reservoirs	321301			Dried river beds and dried up streams	510501			Shrubs/point	610902				
The hobhouse, hobbed	221301			Coastal sand banks and shoals	410101			Dried river beds and dried up streams (less than 5m wide)	510502			Coniferous trees	611001				
Area of hobhouse, hobbed	221302			Griffy and rocky shores	410201			Dried river beds and dried up streams (more than 5m wide)	510503			Broad leaf trees	611002				
Livestock enclosures (minimum size)	221401			Permanent river and streams (less than 5m wide)	410301			Passes, lower altitudes and precipitates period	510701			Narrow shrub belts and hedges	611101				
Livestock enclosures (actual size)	221402			Permanent rivers and streams (from 5 to 30m wide)	410401			Depressions/minimum	510801			Creeping shrubs/point	611201				
Telegraph, radiotelegraph stations and branches, telephone exchanges	221501			Permanent river and streams (more than 30m wide)	410402			Depressions/actual scale	510802			Cresting shrubs/point	611202				
Meteorological stations	221601			Centerlines of rivers	410404			Barrows and hills/minimum	510901			Fruits and citrus gardens	611301				
Churches	221701			Hidden lines on rivers passing through lands	410405			Barrows and hills/actual scale	510902			Vineyards	611401				
Mosques	221801			Flow fields and permanent snow patches (double line)	410501			Entrances of natural and artificial passes	511001			Fruits and citrus gardens with vineyards	611402				
Mazary, suburgan, obo	221901			Waterfalls expressed to true scale	410601			Glacier tongues	511101			Fruits and citrus gardens with vineyards	611501				
Remarkable monuments and status	222001			Waterfalls/minimum	410602			Glacier crevasses	511201			Berry gardens	611502				
Concretaries (minimum size)	221201								511201			Fruits-berry gardens	611502				
Concretaries (actual size)	221202								511201			Herbal plants/polygon	611601				
Gravestones (point)	222103								511201			Herbal plants/polygon	611602				

Sheet No. 4450
 Checked by K. Uuba
 Date: Dec 26 / 04

Edge matching
 (4438)
 (4449)
 4450
 (73)

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

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. 4461 Checked by K. Ueda Date: Dec 26 / 04											
Inhabited Areas											
Symbolized building	210101			Transmission lines	222201			Moraines	511401		
Buildings expressed at true scale	210201			Transmission lines (hidden line)	222202			Debris flows	511501		
Symbolized ruin	210301			Power transmission lines with wooden poles and reinforced poles	222301			Precipitous and rock walls/upper line	511701		
Ruins expressed at true scale	210401			Power transmission lines (hidden line)	222302			Precipitous and rock walls/lower line	511702		
Yurt, chum	210501			Power transmission lines with metal poles	222401			Precipitous and rock walls/part	511799		
Fire proofing building	210601			Power transmission lines (hidden line)	222402			Boundaries of firm fields	511801		
Non-fire proofing building	210701			Stony, rocky walls and masonry fences	222501			Turf-banked terraces	511999		
Sparsely built-up areas	210901			Light fences for industrial, agricultural and socio-cultural object objects	222601			Ice scarp (upper line)	512001		
Newly constructing areas	211001			Boundary of other areas except vegetation and soils	222602			Ice scarp (lower line)	512002		
				Railways	310101			Ice scarp (part)	512099		
				Railway stations	310201			Ice scarp (minimum)	512101		
				Black points and clear points	310301			Classic sediments of fragile strata (polygon)	512201		
				Loading and unloading sites	310401			Classic sediments of hard strata (polygon)	512301		
				Blind alley of branch lines	310501			Classic sediments of hard strata (part)	512399		
				Branch lines	310502			Land slide (upper line)	512401		
				Culvert	310601			Land slide (lower line)	512402		
				Embankments	310701			Canyons and gullies/vertical line	512501		
				Cuttings	310801			Canyons and gullies/horizontal line	512502		
				Automotive roads with improved pavement	320101			Escarpments	512601		
				Automotive roads with pavement	320201			Boundaries of vegetation and soils	610101		
				Wide areas in the built-up areas	320302			Forests	610201		
				Narrow streets in the built-up areas	320303			Dominant species trees in the forest	610301		
				Roadside blank space	320304			Dominant species trees in the forest	610302		
				Earthen country road	320401			Deciduous	610303		
				Field and forestry roads	320501			Dominant species trees in the forest	610401		
				Frost paths	320601			Narrow forest belts and protective plantings	610402		
				Frost bridges	320701			Isolated trees, non landmark trees	610501		
				Roads under-construction	320801			Forest stumps, stumps and saplings less than 4m height	610601		
				Embankments and cuttings	320901			Thin woods	610701		
				Parking areas	321101			Shrubs/point	610801		
				Parking areas expressed to true scale	321102			Shrubs/filled with color	610802		
				Boundary points between different pavings	321301			Thorny bushes/point	610901		
				Water lines of sea, rivers, lakes and reservoirs	410101			Thorny bushes/filled with color and symbols	610902		
				Coastal sand banks and shoals	410201			Coniferous trees	611001		
				Craggy and rocky shores	410301			Broad leaf trees	611002		
				Permanent river and streams (less than 5m wide)	410401			Narrow shrub belts and hedges	611101		
				Permanent rivers and streams (from 5 to 30m wide)	410402			Creeping shrubs/point	611201		
				Permanent river and streams (more than 30m wide)	410403			Crooping decumbent with color and symbols	611202		
				Centerlines of rivers through lands	410404			Fruits and citrus gardens	611301		
				Dried up rivers and streams	410405			Vineyards	611401		
				Dried up rivers and streams (double lines)	410501			Fruits and citrus gardens with vineyards	611402		
				Waterfalls expressed to true scale	410601			Berry gardens	611501		
				Waterfalls/minimum	410602			Fruits-berry gardens	611502		
								Herbal plants/polygon	611601		
								Herbal plants/polygon	611602		
Industry, Agriculture and Socio-cultural Field Objects											
								Hydrography and its facilities			
								Relief			
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