

Cyrillic

Range: 0400–04FF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 6.1*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See <http://www.unicode.org/errata/> for an up-to-date list of errata.

See <http://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <http://www.unicode.org/charts/PDF/Unicode-6.1/> for charts showing only the characters added in Unicode 6.1. See <http://www.unicode.org/Public/6.1.0/charts/> for a complete archived file of character code charts for Unicode 6.1.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 6.1 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 6.1, online at <http://www.unicode.org/versions/Unicode6.1.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, and #44, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <http://www.unicode.org/ucd/> and <http://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

See <http://www.unicode.org/charts/fonts.html> for a list.

Terms of Use

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

Copyright © 1991-2012 Unicode, Inc. All rights reserved.

	040	041	042	043	044	045	046	047	048	049	04A	04B	04C	04D	04E	04F
0	È 0400	А 0410	Р 0420	а 0430	р 0440	è 0450	Ѡ 0460	Ѳ 0470	Ѣ 0480	Г 0490	К 04A0	У 04B0	І 04C0	Ǻ 04D0	З 04E0	ÿ 04F0
1	Ё 0401	Б 0411	С 0421	б 0431	с 0441	ё 0451	ѡ 0461	ѳ 0471	ѣ 0481	г 0491	к 04A1	у 04B1	Ж 04C1	ǻ 04D1	з 04E1	ÿ 04F1
2	Ѥ 0402	В 0412	Т 0422	в 0432	т 0442	ђ 0452	Ѧ 0462	Ѥ 0472	Ѷ 0482	Г 0492	Н 04A2	Х 04B2	Ж 04C2	Ǻ 04D2	Й 04E2	Ў 04F2
3	Ґ 0403	Г 0413	У 0423	г 0433	у 0443	ѓ 0453	Ѧ 0463	Ѥ 0473	Ѷ 0483	Г 0493	Н 04A3	Х 04B3	Қ 04C3	ǻ 04D3	й 04E3	ў 04F3
4	Є 0404	Д 0414	Ф 0424	д 0434	ф 0444	є 0454	Є 0464	Ѳ 0474	Ѳ 0484	Б 0494	Н 04A4	Ц 04B4	Қ 04C4	Æ 04D4	Й 04E4	Ї 04F4
5	Š 0405	Е 0415	Х 0425	е 0435	х 0445	š 0455	Є 0465	Ѳ 0475	Ѳ 0485	Б 0495	Н 04A5	Ц 04B5	Л 04C5	æ 04D5	й 04E5	Ї 04F5
6	І 0406	Ж 0416	Ц 0426	ж 0436	ц 0446	і 0456	А 0466	Ѳ 0476	Ѳ 0486	Ж 0496	Љ 04A6	Ч 04B6	Л 04C6	Ё 04D6	Ö 04E6	Г 04F6
7	İ 0407	З 0417	Ч 0427	з 0437	ч 0447	ï 0457	А 0467	Ѳ 0477	Ѳ 0487	Ж 0497	Љ 04A7	Ч 04B7	Н 04C7	ё 04D7	ö 04E7	г 04F7
8	Ј 0408	И 0418	Ш 0428	и 0438	ш 0448	ј 0458	Ѧ 0468	Ѳ 0478	Ѳ 0488	З 0498	Ѳ 04A8	Ч 04B8	Н 04C8	Э 04D8	Ө 04E8	Ї 04F8
9	Љ 0409	Й 0419	Щ 0429	й 0439	щ 0449	љ 0459	Ѧ 0469	Ѳ 0479	Ѳ 0489	З 0499	Ѳ 04A9	Ч 04B9	Н 04C9	э 04D9	ө 04E9	й 04F9
A	Н 040A	К 041A	Ѥ 042A	к 043A	Ѥ 044A	њ 045A	Ж 046A	Ѳ 047A	Й 048A	Қ 049A	С 04AA	Һ 04BA	ң 04CA	Э 04DA	Ө 04EA	Ғ 04FA
B	Ѥ 040B	Л 041B	Ы 042B	л 043B	ы 044B	ћ 045B	Ж 046B	Ѳ 047B	Й 048B	Қ 049B	С 04AB	Һ 04BB	Ч 04CB	э 04DB	ө 04EB	Ғ 04FB
C	Ќ 040C	М 041C	Ъ 042C	м 043C	ъ 044C	ќ 045C	Ж 046C	Ѳ 047C	Ъ 048C	К 049C	Т 04AC	Є 04BC	ч 04CC	Ж 04DC	Э 04EC	Х 04FC
D	Й 040D	Н 041D	Э 042D	н 043D	э 044D	й 045D	Ж 046D	Ѳ 047D	Ъ 048D	К 049D	Т 04AD	є 04BD	М 04CD	Ж 04DD	Э 04ED	х 04FD
E	Ў 040E	О 041E	Ю 042E	о 043E	ю 044E	ў 045E	Ж 046E	Ѳ 047E	Р 048E	К 049E	У 04AE	Є 04BE	М 04CE	З 04DE	У 04EE	Ж 04FE
F	Ц 040F	П 041F	Я 042F	п 043F	я 044F	ц 045F	Ж 046F	Ѳ 047F	Р 048F	К 049F	У 04AF	є 04BF	І 04CF	З 04DF	У 04EF	Ж 04FF

Cyrillic extensions

0400	ѐ	CYRILLIC CAPITAL LETTER IE WITH GRAVE ≡ 0415 Е 0300 ð
0401	Ě	CYRILLIC CAPITAL LETTER IO ≡ 0415 Е 0308 ǿ
0402	Ђ	CYRILLIC CAPITAL LETTER DJE
0403	Ѓ	CYRILLIC CAPITAL LETTER GJE ≡ 0413 Г 0301 ó
0404	Є	CYRILLIC CAPITAL LETTER UKRAINIAN IE
0405	Ѕ	CYRILLIC CAPITAL LETTER DZE
0406	І	CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I → 0049 I latin capital letter i → 0456 і cyrillic small letter byelorussian-ukrainian i → 04C0 І cyrillic letter palochka
0407	Ї	CYRILLIC CAPITAL LETTER YI ≡ 0406 І 0308 ǿ
0408	Ј	CYRILLIC CAPITAL LETTER JE
0409	Љ	CYRILLIC CAPITAL LETTER LJE
040A	Њ	CYRILLIC CAPITAL LETTER NJE
040B	Ѡ	CYRILLIC CAPITAL LETTER TSHE
040C	Ќ	CYRILLIC CAPITAL LETTER KJE ≡ 041A К 0301 ó
040D	Ѣ	CYRILLIC CAPITAL LETTER I WITH GRAVE ≡ 0418 И 0300 ð
040E	ѣ	CYRILLIC CAPITAL LETTER SHORT U ≡ 0423 У 0306 ǿ
040F	Ѥ	CYRILLIC CAPITAL LETTER DZHE
Basic Russian alphabet		
0410	А	CYRILLIC CAPITAL LETTER A
0411	Б	CYRILLIC CAPITAL LETTER BE → 0183 Б latin small letter b with topbar
0412	В	CYRILLIC CAPITAL LETTER VE
0413	Г	CYRILLIC CAPITAL LETTER GHE
0414	Д	CYRILLIC CAPITAL LETTER DE
0415	Е	CYRILLIC CAPITAL LETTER IE
0416	Ж	CYRILLIC CAPITAL LETTER ZHE
0417	З	CYRILLIC CAPITAL LETTER ZE
0418	И	CYRILLIC CAPITAL LETTER I
0419	Й	CYRILLIC CAPITAL LETTER SHORT I ≡ 0418 И 0306 ǿ
041A	К	CYRILLIC CAPITAL LETTER KA
041B	Л	CYRILLIC CAPITAL LETTER EL
041C	М	CYRILLIC CAPITAL LETTER EM
041D	Н	CYRILLIC CAPITAL LETTER EN
041E	О	CYRILLIC CAPITAL LETTER O
041F	П	CYRILLIC CAPITAL LETTER PE
0420	Р	CYRILLIC CAPITAL LETTER ER
0421	С	CYRILLIC CAPITAL LETTER ES
0422	Т	CYRILLIC CAPITAL LETTER TE
0423	У	CYRILLIC CAPITAL LETTER U → 0478 0у cyrillic capital letter uk → 04AF у cyrillic small letter straight u → A64A Ѹ cyrillic capital letter monograph uk
0424	Ф	CYRILLIC CAPITAL LETTER EF
0425	Х	CYRILLIC CAPITAL LETTER HA
0426	Ц	CYRILLIC CAPITAL LETTER TSE
0427	Ч	CYRILLIC CAPITAL LETTER CHE
0428	Ш	CYRILLIC CAPITAL LETTER SHA
0429	Щ	CYRILLIC CAPITAL LETTER SHCHA
042A	Ъ	CYRILLIC CAPITAL LETTER HARD SIGN

042B	Ы	CYRILLIC CAPITAL LETTER YERU
042C	Ь	CYRILLIC CAPITAL LETTER SOFT SIGN
042D	Э	CYRILLIC CAPITAL LETTER E
042E	Ю	CYRILLIC CAPITAL LETTER YU
042F	Я	CYRILLIC CAPITAL LETTER YA
0430	а	CYRILLIC SMALL LETTER A
0431	б	CYRILLIC SMALL LETTER BE
0432	в	CYRILLIC SMALL LETTER VE
0433	г	CYRILLIC SMALL LETTER GHE
0434	д	CYRILLIC SMALL LETTER DE
0435	е	CYRILLIC SMALL LETTER IE
0436	ж	CYRILLIC SMALL LETTER ZHE
0437	з	CYRILLIC SMALL LETTER ZE
0438	и	CYRILLIC SMALL LETTER I
0439	й	CYRILLIC SMALL LETTER SHORT I ≡ 0438 и 0306 ǿ
043A	к	CYRILLIC SMALL LETTER KA
043B	л	CYRILLIC SMALL LETTER EL
043C	м	CYRILLIC SMALL LETTER EM
043D	н	CYRILLIC SMALL LETTER EN
043E	о	CYRILLIC SMALL LETTER O
043F	п	CYRILLIC SMALL LETTER PE
0440	р	CYRILLIC SMALL LETTER ER
0441	с	CYRILLIC SMALL LETTER ES
0442	т	CYRILLIC SMALL LETTER TE
0443	у	CYRILLIC SMALL LETTER U
0444	ф	CYRILLIC SMALL LETTER EF
0445	х	CYRILLIC SMALL LETTER HA
0446	ц	CYRILLIC SMALL LETTER TSE
0447	ч	CYRILLIC SMALL LETTER CHE
0448	ш	CYRILLIC SMALL LETTER SHA
0449	щ	CYRILLIC SMALL LETTER SHCHA
044A	ъ	CYRILLIC SMALL LETTER HARD SIGN
044B	ы	CYRILLIC SMALL LETTER YERU → A651 ы cyrillic small letter yeru with back yer
044C	ь	CYRILLIC SMALL LETTER SOFT SIGN → 0185 б latin small letter tone six → A64F ѷ cyrillic small letter neutral yer
044D	э	CYRILLIC SMALL LETTER E
044E	ю	CYRILLIC SMALL LETTER YU → A655 оѲ cyrillic small letter reversed yu
044F	я	CYRILLIC SMALL LETTER YA

Cyrillic extensions

0450	è	CYRILLIC SMALL LETTER IE WITH GRAVE • Macedonian ≡ 0435 е 0300 ð
0451	ë	CYRILLIC SMALL LETTER IO • Russian, ... ≡ 0435 е 0308 ǿ
0452	ђ	CYRILLIC SMALL LETTER DJE • Serbian → 0111 đ latin small letter d with stroke
0453	ѓ	CYRILLIC SMALL LETTER GJE • Macedonian ≡ 0433 г 0301 ó
0454	є	CYRILLIC SMALL LETTER UKRAINIAN IE = Old Cyrillic yest
0455	ѕ	CYRILLIC SMALL LETTER DZE • Macedonian → A643 ѕ cyrillic small letter dzelo

0456	і	CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I = Old Cyrillic i
0457	ї	CYRILLIC SMALL LETTER YI • Ukrainian ≡ 0456 і 0308 ѿ
0458	ј	CYRILLIC SMALL LETTER JE • Serbian, Azerbaijani, Altay
0459	Љ	CYRILLIC SMALL LETTER LJE • Serbian, Macedonian → 01C9 Іј latin small letter lj
045A	њ	CYRILLIC SMALL LETTER NJE • Serbian, Macedonian → 01CC нј latin small letter nj
045B	ћ	CYRILLIC SMALL LETTER TSHE • Serbian → 0107 ć latin small letter c with acute → 0127 ħ latin small letter h with stroke → 040B Тћ cyrillic capital letter tshe → 210F ħ planck constant over two pi → A649 х cyrillic small letter djerv
045C	ќ	CYRILLIC SMALL LETTER KJE • Macedonian ≡ 043A к 0301 ѿ
045D	ѝ	CYRILLIC SMALL LETTER I WITH GRAVE • Macedonian, Bulgarian ≡ 0438 и 0300 ѿ
045E	ў	CYRILLIC SMALL LETTER SHORT U • Byelorussian, Uzbek ≡ 0443 у 0306 ѿ
045F	џ	CYRILLIC SMALL LETTER DZHE • Serbian, Macedonian, Abkhasian → 01C6 dž latin small letter dz with caron

Historic letters

0460	Ѡ	CYRILLIC CAPITAL LETTER OMEGA
0461	ѡ	CYRILLIC SMALL LETTER OMEGA → A64D Ѡ cyrillic small letter broad omega
0462	Ѣ	CYRILLIC CAPITAL LETTER YAT
0463	ѣ	CYRILLIC SMALL LETTER YAT → A653 Ѣ cyrillic small letter iotified yat
0464	Ѥ	CYRILLIC CAPITAL LETTER IOTIFIED E
0465	ѥ	CYRILLIC SMALL LETTER IOTIFIED E
0466	Ѧ	CYRILLIC CAPITAL LETTER LITTLE YUS
0467	ѧ	CYRILLIC SMALL LETTER LITTLE YUS → A659 Ѧ cyrillic small letter closed little yus → A65B ѧ cyrillic small letter blended yus
0468	Ѩ	CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS
0469	ѩ	CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS → 044F я cyrillic small letter ya → A65D Ѩ cyrillic small letter iotified closed little yus
046A	Ѫ	CYRILLIC CAPITAL LETTER BIG YUS
046B	ѫ	CYRILLIC SMALL LETTER BIG YUS → A65B Ѫ cyrillic small letter blended yus
046C	Ѭ	CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS
046D	ѭ	CYRILLIC SMALL LETTER IOTIFIED BIG YUS
046E	Ѯ	CYRILLIC CAPITAL LETTER KSI
046F	ѯ	CYRILLIC SMALL LETTER KSI
0470	Ѱ	CYRILLIC CAPITAL LETTER PSI
0471	ѱ	CYRILLIC SMALL LETTER PSI
0472	Ѳ	CYRILLIC CAPITAL LETTER FITA

0473	ѳ	CYRILLIC SMALL LETTER FITA → 0275 ѳ latin small letter barred o → 03B8 θ greek small letter theta
0474	Ѵ	CYRILLIC CAPITAL LETTER IZHITSA
0475	ѵ	CYRILLIC SMALL LETTER IZHITSA
0476	Ѷ	CYRILLIC CAPITAL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT ≡ 0474 Ѵ 030F ѿ
0477	ѷ	CYRILLIC SMALL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT ≡ 0475 ѵ 030F ѿ
0478	Ѹ	CYRILLIC CAPITAL LETTER UK • may be rendered as either monograph or digraph form • for "digraph uk" the preferred spelling is 041E Ѹ 0443 у • for "monograph uk" the preferred character is A64A Ѹ → 0423 Ѹ cyrillic capital letter u
0479	ѹ	CYRILLIC SMALL LETTER UK • for "digraph uk" the preferred spelling is 043E ѹ 0443 у • for "monograph uk" the preferred character is A64B ѹ
047A	Ѻ	CYRILLIC CAPITAL LETTER ROUND OMEGA
047B	ѻ	CYRILLIC SMALL LETTER ROUND OMEGA
047C	Ѽ	CYRILLIC CAPITAL LETTER OMEGA WITH TITLO = Cyrillic "beautiful omega" • despite its name, this character does not have a titlo, nor is it composed of an omega plus a diacritic → A64C Ѽ cyrillic capital letter broad omega
047D	ѽ	CYRILLIC SMALL LETTER OMEGA WITH TITLO
047E	Ѿ	CYRILLIC CAPITAL LETTER OT
047F	ѿ	CYRILLIC SMALL LETTER OT
0480	Ѡ	CYRILLIC CAPITAL LETTER KOPPA
0481	ѡ	CYRILLIC SMALL LETTER KOPPA
Historic miscellaneous		
0482	Ѣ	CYRILLIC THOUSANDS SIGN
0483	ѣ	COMBINING CYRILLIC TITLO • not used with letter titlo → A66F ѣ combining cyrillic vzmet
0484	Ѥ	COMBINING CYRILLIC PALATALIZATION → 033E Ѥ combining vertical tilde
0485	ѥ	COMBINING CYRILLIC DASIA PNEUMATA → 0314 ѥ combining reversed comma above
0486	Ѧ	COMBINING CYRILLIC PSILI PNEUMATA → 0313 Ѧ combining comma above
0487	ѧ	COMBINING CYRILLIC POKRYTIE • used only with letter titlo → 0311 ѧ combining inverted breve → A66F ѧ combining cyrillic vzmet
0488	Ѩ	COMBINING CYRILLIC HUNDRED THOUSANDS SIGN • use 20DD Ѩ for ten thousands sign
0489	ѩ	COMBINING CYRILLIC MILLIONS SIGN → A670 ѩ combining cyrillic ten millions sign
Extended Cyrillic		
048A	Ѫ	CYRILLIC CAPITAL LETTER SHORT I WITH TAIL
048B	ѫ	CYRILLIC SMALL LETTER SHORT I WITH TAIL • Kildin Sami
048C	Ѭ	CYRILLIC CAPITAL LETTER SEMISOFT SIGN

048D	Ь	CYRILLIC SMALL LETTER SEMISOFT SIGN	04AB	Ҹ	CYRILLIC SMALL LETTER ES WITH DESCENDER
		• Kildin Sami			• Bashkir, Chuvash
048E	Р	CYRILLIC CAPITAL LETTER ER WITH TICK			• letterforms with right hooks are preferred, although occasional variants with left hooks occur
048F	р	CYRILLIC SMALL LETTER ER WITH TICK			• in Chuvashia, letterforms identical to or similar in form to 00E7 Ҹ regularly occur
		• Kildin Sami	04AC	Т	CYRILLIC CAPITAL LETTER TE WITH DESCENDER
0490	Г	CYRILLIC CAPITAL LETTER GHE WITH UPTURN	04AD	т	CYRILLIC SMALL LETTER TE WITH DESCENDER
0491	г	CYRILLIC SMALL LETTER GHE WITH UPTURN			• Abkhasian
		• Ukrainian	04AE	У	CYRILLIC CAPITAL LETTER STRAIGHT U
0492	Ғ	CYRILLIC CAPITAL LETTER GHE WITH STROKE	04AF	у	CYRILLIC SMALL LETTER STRAIGHT U
0493	ғ	CYRILLIC SMALL LETTER GHE WITH STROKE			• stem is straight, unlike LETTER U
		• Azerbaijani, Bashkir, ...			• Azerbaijani, Bashkir, ...
		• full bar form preferred over half-barred "F"-type			→ 0423 У cyrillic capital letter u
0494	Ӣ	CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK	04B0	Ӱ	CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE
0495	ӓ	CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK	04B1	ӱ	CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE
		• Yakut, older orthographies for Abkhasian			• Kazakh
0496	Ж	CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER	04B2	Х	CYRILLIC CAPITAL LETTER HA WITH DESCENDER
0497	ж	CYRILLIC SMALL LETTER ZHE WITH DESCENDER	04B3	х	CYRILLIC SMALL LETTER HA WITH DESCENDER
		• Tatar, ...			• Abkhasian, Tajik, Uzbek
0498	З	CYRILLIC CAPITAL LETTER ZE WITH DESCENDER	04B4	ТІ	CYRILLIC CAPITAL LIGATURE TE TSE
0499	з	CYRILLIC SMALL LETTER ZE WITH DESCENDER	04B5	ті	CYRILLIC SMALL LIGATURE TE TSE
		• Bashkir			• Abkhasian
		• letterforms with right hooks are preferred, although occasional variants with left hooks occur	04B6	Ҫ	CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
049A	К	CYRILLIC CAPITAL LETTER KA WITH DESCENDER	04B7	ч	CYRILLIC SMALL LETTER CHE WITH DESCENDER
049B	к	CYRILLIC SMALL LETTER KA WITH DESCENDER			• Abkhasian, Tajik
		• Abkhasian, Tajik, ...	04B8	Ҫ	CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE
049C	К	CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE	04B9	ч	CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE
049D	к	CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE			• Azerbaijani
		• Azerbaijani	04BA	Ӣ	CYRILLIC CAPITAL LETTER SHHA
049E	К	CYRILLIC CAPITAL LETTER KA WITH STROKE	04BB	ӓ	CYRILLIC SMALL LETTER SHHA
049F	к	CYRILLIC SMALL LETTER KA WITH STROKE			• originally derived from Latin "h", but uppercase form 04BA Ӣ is closer to an inverted che (0427 Ч)
		• Abkhasian			• Azerbaijani, Bashkir, ...
04A0	К	CYRILLIC CAPITAL LETTER BASHKIR KA			→ 0068 h latin small letter h
04A1	к	CYRILLIC SMALL LETTER BASHKIR KA	04BC	Ӣ	CYRILLIC CAPITAL LETTER ABKHASIAN CHE
04A2	Ӣ	CYRILLIC CAPITAL LETTER EN WITH DESCENDER	04BD	ӓ	CYRILLIC SMALL LETTER ABKHASIAN CHE
04A3	ӓ	CYRILLIC SMALL LETTER EN WITH DESCENDER	04BE	Ӣ	CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER
		• Bashkir, ...	04BF	ӓ	CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER
04A4	Ӣ	CYRILLIC CAPITAL LIGATURE EN GHE			• some older Abkhaz fonts show a descender shaped like a right hook (ogonek or reversed comma shape)
04A5	ӓ	CYRILLIC SMALL LIGATURE EN GHE	04C0	І	CYRILLIC LETTER PALOCHKA
		• Altay, Mari, Yakut			• aspiration sign in many Caucasian languages
		• this is not a decomposable ligature			• is usually not cased, but the formal lowercase is 04CF І
04A6	Ӣ	CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK			→ 0049 I latin capital letter i
04A7	ӓ	CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK			→ 0406 І cyrillic capital letter byelorussian-ukrainian i
		• older orthographies for Abkhasian	04C1	Ӣ	CYRILLIC CAPITAL LETTER ZHE WITH BREVE
04A8	Ӣ	CYRILLIC CAPITAL LETTER ABKHASIAN HA			≡ 0416 Ж 0306 ъ
04A9	ӓ	CYRILLIC SMALL LETTER ABKHASIAN HA			
04AA	Ҹ	CYRILLIC CAPITAL LETTER ES WITH DESCENDER			

04C2	Ӗ	CYRILLIC SMALL LETTER ZHE WITH BREVE				04E5	ӱ	CYRILLIC SMALL LETTER I WITH DIAERESIS
		• Moldavian						≡ 0438 и 0308 ӱ
		≡ 0436 ж 0306 ӱ				04E6	Ӧ	CYRILLIC CAPITAL LETTER O WITH DIAERESIS
04C3	Ӑ	CYRILLIC CAPITAL LETTER KA WITH HOOK						≡ 041E O 0308 Ӧ
04C4	ӑ	CYRILLIC SMALL LETTER KA WITH HOOK				04E7	ӧ	CYRILLIC SMALL LETTER O WITH DIAERESIS
		• Khanty, Chukchi						≡ 043E o 0308 ӧ
04C5	Ӓ	CYRILLIC CAPITAL LETTER EL WITH TAIL				04E8	Ӹ	CYRILLIC CAPITAL LETTER BARRED O
04C6	ӓ	CYRILLIC SMALL LETTER EL WITH TAIL				04E9	ӹ	CYRILLIC SMALL LETTER BARRED O
		• Kildin Sami						→ 0275 ӹ latin small letter barred o
04C7	Ӕ	CYRILLIC CAPITAL LETTER EN WITH HOOK				04EA	Ӻ	CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS
04C8	ӕ	CYRILLIC SMALL LETTER EN WITH HOOK						≡ 04E8 Ӹ 0308 Ӻ
		• Khanty, Chukchi, Nenets				04EB	ӻ	CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS
04C9	Ӧ	CYRILLIC CAPITAL LETTER EN WITH TAIL						≡ 04E9 ӹ 0308 ӻ
04CA	ӧ	CYRILLIC SMALL LETTER EN WITH TAIL				04EC	Ӽ	CYRILLIC CAPITAL LETTER E WITH DIAERESIS
		• Kildin Sami						≡ 042D Ӽ 0308 Ӽ
04CB	Ө	CYRILLIC CAPITAL LETTER KHAKASSIAN CHE				04ED	ӽ	CYRILLIC SMALL LETTER E WITH DIAERESIS
04CC	ө	CYRILLIC SMALL LETTER KHAKASSIAN CHE						• Kildin Sami
04CD	Ӫ	CYRILLIC CAPITAL LETTER EM WITH TAIL						≡ 044D ӽ 0308 ӽ
04CE	ӫ	CYRILLIC SMALL LETTER EM WITH TAIL				04EE	Ӿ	CYRILLIC CAPITAL LETTER U WITH MACRON
		• Kildin Sami						≡ 0423 Ӿ 0304 Ӿ
04CF	Ӭ	CYRILLIC SMALL LETTER PALOCHKA				04EF	ӿ	CYRILLIC SMALL LETTER U WITH MACRON
04D0	ӭ	CYRILLIC CAPITAL LETTER A WITH BREVE						≡ 0443 ӿ 0304 ӿ
		≡ 0410 A 0306 ӭ				04F0	ӷ	CYRILLIC CAPITAL LETTER U WITH DIAERESIS
04D1	Ӯ	CYRILLIC SMALL LETTER A WITH BREVE						≡ 0423 ӷ 0308 ӷ
		≡ 0430 a 0306 Ӯ				04F1	Ӹ	CYRILLIC SMALL LETTER U WITH DIAERESIS
04D2	Ӱ	CYRILLIC CAPITAL LETTER A WITH DIAERESIS						≡ 0443 Ӹ 0308 Ӹ
		≡ 0410 A 0308 Ӱ				04F2	ӹ	CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE
04D3	ӱ	CYRILLIC SMALL LETTER A WITH DIAERESIS						≡ 0423 ӹ 030B ӹ
		≡ 0430 a 0308 ӱ				04F3	Ӻ	CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE
04D4	Ӳ	CYRILLIC CAPITAL LIGATURE A IE						≡ 0443 Ӻ 030B Ӻ
04D5	ӳ	CYRILLIC SMALL LIGATURE A IE				04F4	ӻ	CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS
		• this is not a decomposable ligature						≡ 0427 ӻ 0308 ӻ
		→ 00E6 æ latin small letter ae				04F5	Ӽ	CYRILLIC SMALL LETTER CHE WITH DIAERESIS
04D6	Ӵ	CYRILLIC CAPITAL LETTER IE WITH BREVE						≡ 0447 Ӽ 0308 Ӽ
		≡ 0415 E 0306 Ӵ				04F6	ӽ	CYRILLIC CAPITAL LETTER GHE WITH DESCENDER
04D7	ӵ	CYRILLIC SMALL LETTER IE WITH BREVE				04F7	Ӿ	CYRILLIC SMALL LETTER GHE WITH DESCENDER
		≡ 0435 e 0306 ӵ						• Yupik
04D8	Ӷ	CYRILLIC CAPITAL LETTER SCHWA				04F8	ӿ	CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS
04D9	ӷ	CYRILLIC SMALL LETTER SCHWA						≡ 042B ӿ 0308 ӿ
		→ 0259 ӷ latin small letter schwa				04F9	ӻ	CYRILLIC SMALL LETTER YERU WITH DIAERESIS
04DA	Ӹ	CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS						≡ 044B ӻ 0308 ӻ
		≡ 04D8 Ӷ 0308 Ӹ						
04DB	ӹ	CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS						
		≡ 04D9 ӷ 0308 ӹ						
04DC	Ӻ	CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS						
		≡ 0416 Ӻ 0308 Ӻ						
04DD	ӻ	CYRILLIC SMALL LETTER ZHE WITH DIAERESIS						
		≡ 0436 ж 0308 ӻ						
04DE	Ӽ	CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS						
		≡ 0417 Ӽ 0308 Ӽ						
04DF	ӽ	CYRILLIC SMALL LETTER ZE WITH DIAERESIS						
		≡ 0437 з 0308 ӽ						
04E0	Ӿ	CYRILLIC CAPITAL LETTER ABKHASIAN DZE						
04E1	ӿ	CYRILLIC SMALL LETTER ABKHASIAN DZE						
		→ 0292 ӿ latin small letter ezh						
04E2	Ӱ	CYRILLIC CAPITAL LETTER I WITH MACRON						
		≡ 0418 Ӱ 0304 Ӱ						
04E3	ӱ	CYRILLIC SMALL LETTER I WITH MACRON						
		≡ 0438 и 0304 ӱ						
04E4	Ӳ	CYRILLIC CAPITAL LETTER I WITH DIAERESIS						
		≡ 0418 Ӳ 0308 Ӳ						

Additions for Nivkh

04FA	Ӹ	CYRILLIC CAPITAL LETTER GHE WITH STROKE AND HOOK
04FB	ӹ	CYRILLIC SMALL LETTER GHE WITH STROKE AND HOOK
04FC	Ӻ	CYRILLIC CAPITAL LETTER HA WITH HOOK
04FD	ӻ	CYRILLIC SMALL LETTER HA WITH HOOK
04FE	Ӽ	CYRILLIC CAPITAL LETTER HA WITH STROKE
04FF	ӽ	CYRILLIC SMALL LETTER HA WITH STROKE