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Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: **Working Group Document**
Title: **Proposal for additions and corrections to Sumero-Akkadian Cuneiform**
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The encoding of Sumero-Akkadian Cuneiform in Unicode is a multi-phase process. In the first phase, the principal focus was signs from 2100 BCE onwards, with earlier material covered to the extent that it was clearly understood. This document adds signs that were inadvertently omitted from Phase 1, usually because they were not listed in the standard published sign lists. An exhaustive online sign-list is being prepared at http://oracc.museum.upenn.edu/ogsl/, and the characters listed here are included in that list.

1. Signs omitted from the initial Cuneiform repertoire.

CUNEIFORM SIGN KAP ELAMITE
 CUNEIFORM SIGN GA2 TIMES ASH2
CUNEIFORM SIGN KA TIMES ANSHE
CUNEIFORM SIGN KA TIMES GUD
CUNEIFORM SIGN KA TIMES SHUL
CUNEIFORM SIGN LU2 SHESHIG TIMES BAD
CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES
CUNEIFORM SIGN U U
CUNEIFORM SIGN UR2 INVERTED
CUNEIFORM NUMERIC SIGN ONE QUARTER GUR
CUNEIFORM NUMERIC SIGN ONE HALF GUR
CUNEIFORM NUMERIC SIGN ELAMITE ONE THIRD
CUNEIFORM NUMERIC SIGN ELAMITE TWO THIRDS
CUNEIFORM NUMERIC SIGN ELAMITE FORTY
CUNEIFORM NUMERIC SIGN ELAMITE FIFTY
 CUNEIFORM NUMERIC SIGN ELAMITE SIXTY
CUNEIFORM NUMERIC SIGN FOUR U VARIANT FORM
CUNEIFORM NUMERIC SIGN FIVE U VARIANT FORM
 CUNEIFORM NUMERIC SIGN SIX U VARIANT FORM
CUNEIFORM NUMERIC SIGN SEVEN U VARIANT FORM
 CUNEIFORM NUMERIC SIGN EIGHT U VARIANT FORM
CUNEIFORM NUMERIC SIGN NINE U VARIANT FORM
 CUNEIFORM PUNCTUATION SIGN DIAGONAL QUADCOLON

2. SHIR versus NU11. Recent research and collation of originals has shown that some signs involving SHIR ( ) should actually be described by reference to NU11 ( ). Two encoded characters require redescription and glyph replacement as a result. These are the characters affected:

U+122D4 CUNEIFORM SIGN SHIR TENU
U+122D5 CUNEIFORM SIGN SHIR OVER SHIR BUR OVER BUR

Our request is that the following *formal name aliases* for U+122D4 and U+122D5 be adopted and added to the standard.

U+122D4 CUNEIFORM SIGN NU11 TENU with reference glyph .
U+122D5 CUNEIFORM SIGN NU11 OVER NU11 BUR OVER BUR with reference glyph .

3. Unicode Character Properties. Character properties are proposed here.

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1236F;CUNEIFORM SIGN KAP ELAMITE;Lo;0;L;;;;;N;;;;;
12370;CUNEIFORM SIGN GA2 TIMES ASH2;Lo;0;L;;;;;N;;;;;
12371;CUNEIFORM SIGN KA TIMES ANSHE;Lo;0;L;;;;;N;;;;;
12372;CUNEIFORM SIGN KA TIMES GUD;Lo;0;L;;;;;N;;;;;
12373;CUNEIFORM SIGN KA TIMES SHUL;Lo;0;L;;;;;N;;;;;
12374;CUNEIFORM SIGN LU2 SHESHIG TIMES BAD;Lo;0;L;;;;;N;;;;;
12375;CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES;Lo;0;L;;;;;N;;;;;
12376;CUNEIFORM SIGN U U;Lo;0;L;;;;;N;;;;;
12377;CUNEIFORM SIGN UR2 INVERTED;Lo;0;L;;;;;N;;;;;
12463;CUNEIFORM NUMERIC SIGN ONE QUARTER GUR;Nl;0;L;;;;1/4;N;;;;;
12464;CUNEIFORM NUMERIC SIGN ONE HALF GUR;Nl;0;L;;;;1/2;N;;;;;
12465;CUNEIFORM NUMERIC SIGN ELAMITE ONE THIRD;Nl;0;L;;;;1/3;N;;;;;
12466;CUNEIFORM NUMERIC SIGN ELAMITE TWO THIRDS;Nl;0;L;;;;2/3;N;;;;;
12467;CUNEIFORM NUMERIC SIGN ELAMITE FORTY;Nl;0;L;;;;40;N;;;;;
12468;CUNEIFORM NUMERIC SIGN ELAMITE FIFTY;Nl;0;L;;;;50;N;;;;;
12469;CUNEIFORM NUMERIC SIGN ELAMITE SIXTY;Nl;0;L;;;;60;N;;;;;
1246A;CUNEIFORM NUMERIC SIGN FOUR U VARIANT FORM;Nl;0;L;;;;4;N;;;;;
1246B;CUNEIFORM NUMERIC SIGN FIVE U VARIANT FORM;Nl;0;L;;;;5;N;;;;;
1246C;CUNEIFORM NUMERIC SIGN SIX U VARIANT FORM;Nl;0;L;;;;6;N;;;;;
1246D;CUNEIFORM NUMERIC SIGN SEVEN U VARIANT FORM;Nl;0;L;;;;7;N;;;;;
1246E;CUNEIFORM NUMERIC SIGN EIGHT U VARIANT FORM;Nl;0;L;;;;8;N;;;;;
1246F;CUNEIFORM NUMERIC SIGN NINE U VARIANT FORM;Nl;0;L;;;;9;N;;;;;
12474;CUNEIFORM PUNCTUATION SIGN DIAGONAL QUADCOLON;Po;0;L;;;;;N;;;;;
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4.1. Ordering of syllables. The new signs should be ordered according to their transcription, as other Cuneiform characters are. Accordingly:

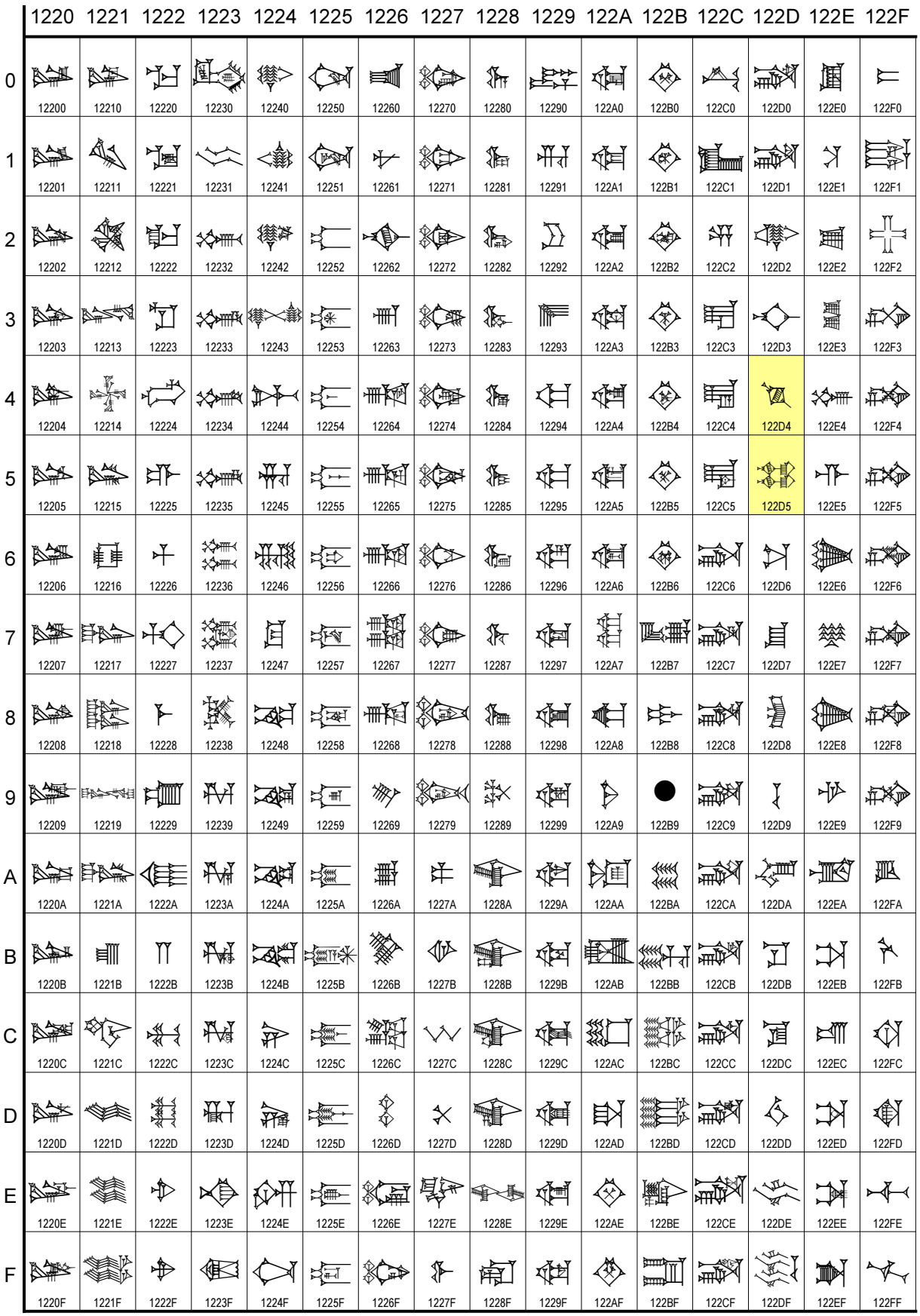
1236F CUNEIFORM SIGN KAP ELAMITE follows 1219B CUNEIFORM SIGN KAM4
12370 CUNEIFORM SIGN GA2 TIMES ASH2 follows 120BD CUNEIFORM SIGN GA2 TIMES ASH
12371 CUNEIFORM SIGN KA TIMES ANSHE follows 1215A CUNEIFORM SIGN KA TIMES AD PLUS KU3
12372 CUNEIFORM SIGN KA TIMES GUD follows 1216B CUNEIFORM SIGN KA TIMES GU
12373 CUNEIFORM SIGN KA TIMES SHUL follows 12183 CUNEIFORM SIGN KA TIMES SHU
12374 CUNEIFORM SIGN LU2 SHESHIG TIMES BAD follows 12215 CUNEIFORM SIGN LU2 SHESHIG
12375 CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES follows 12262 CUNEIFORM SIGN TIMES NU11
12376 CUNEIFORM SIGN U U follows 1230C CUNEIFORM SIGN U GUD
12377 CUNEIFORM SIGN UR2 INVERTED follows 1232B CUNEIFORM SIGN UR2

4.2. Normative ordering change in the UCA and ISO/IEC 14651. If necessary, we will provide another document to the UTC and ISO/IEC JTC1/SC2/WG2/OWG to account for the necessary move of two characters associated with the character redefinition listed in Section 2 above, namely:

122D4 CUNEIFORM SIGN SHIR TENU moves to follow 12375 CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES
122D5 CUNEIFORM SIGN SHIR OVER SHIR BUR OVER BUR moves to follow 122D4 CUNEIFORM SIGN SHIR TENU

4.3. Ordering of numeric characters. The new U variant digits should be ordered as other Cuneiform digits are. The new fraction signs and Elamite numbers should be ordered as other Cuneiform non-digit numeric symbols are.

5. Acknowledgements. This project was made possible in part by a grant from the U.S. National Endowment for the Humanities, which funded the Universal Scripts Project (part of the Script Encoding Initiative at UC Berkeley) in respect of the Cuneiform encoding. Any views, findings, conclusions or recommendations expressed in this publication do not necessarily reflect those of the National Endowment for the Humanities.


1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 122A 122B 122C 122D 122E 122F
0 12200 12210 12220 12230 12240 12250 12260 12270 12280 12290 122A0 122B0 122C0 122D0 122E0 122F0
1 12201 12211 12221 12231 12241 12251 12261 12271 12281 12291 122A1 122B1 122C1 122D1 122E1 122F1
2 12202 12212 12222 12232 12242 12252 12262 12272 12282 12292 122A2 122B2 122C2 122D2 122E2 122F2
3 12203 12213 12223 12233 12243 12253 12263 12273 12283 12293 122A3 122B3 122C3 122D3 122E3 122F3
4 12204 12214 12224 12234 12244 12254 12264 12274 12284 12294 122A4 122B4 122C4 122D4 122E4 122F4
5 12205 12215 12225 12235 12245 12255 12265 12275 12285 12295 122A5 122B5 122C5 122D5 122E5 122F5
6 12206 12216 12226 12236 12246 12256 12266 12276 12286 12296 122A6 122B6 122C6 122D6 122E6 122F6
7 12207 12217 12227 12237 12247 12257 12267 12277 12287 12297 122A7 122B7 122C7 122D7 122E7 122F7
8 12208 12218 12228 12238 12248 12258 12268 12278 12288 12298 122A8 122B8 122C8 122D8 122E8 122F8
9 12209 12219 12229 12239 12249 12259 12269 12279 12289 12299 122A9 122B9 122C9 122D9 122E9 122F9
A 1220A 1221A 1222A 1223A 1224A 1225A 1226A 1227A 1228A 1229A 122AA 122BA 122CA 122DA 122EA 122FA
B 1220B 1221B 1222B 1223B 1224B 1225B 1226B 1227B 1228B 1229B 122AB 122BB 122CB 122DB 122EB 122FB
C 1220C 1221C 1222C 1223C 1224C 1225C 1226C 1227C 1228C 1229C 122AC 122BC 122CC 122DC 122EC 122FC
D 1220D 1221D 1222D 1223D 1224D 1225D 1226D 1227D 1228D 1229D 122AD 122BD 122CD 122DD 122ED 122FD
E 1220E 1221E 1222E 1223E 1224E 1225E 1226E 1227E 1228E 1229E 122AE 122BE 122CE 122DE 122EE 122FE
F 1220F 1221F 1222F 1223F 1224F 1225F 1226F 1227F 1228F 1229F 122AF 122BF 122CF 122DF 122EF 122FF

	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	123A	123B	123C	123D	123E	123F
0	12300	12310	12320	12330	12340	12350	12360	12370								
1	12301	12311	12321	12331	12341	12351	12361	12371								
2	12302	12312	12322	12332	12342	12352	12362	12372								
3	12303	12313	12323	12333	12343	12353	12363	12373								
4	12304	12314	12324	12334	12344	12354	12364	12374								
5	12305	12315	12325	12335	12345	12355	12365	12375								
6	12306	12316	12326	12336	12346	12356	12366	12376								
7	12307	12317	12327	12337	12347	12357	12367	12377								
8	12308	12318	12328	12338	12348	12358	12368									
9	12309	12319	12329	12339	12349	12359	12369									
A	1230A	1231A	1232A	1233A	1234A	1235A	1236A									
B	1230B	1231B	1232B	1233B	1234B	1235B	1236B									
C	1230C	1231C	1232C	1233C	1234C	1235C	1236C									
D	1230D	1231D	1232D	1233D	1234D	1235D	1236D									
E	1230E	1231E	1232E	1233E	1234E	1235E	1236E									
F	1230F	1231F	1232F	1233F	1234F	1235F	1236F									

Signs

12200 CUNEIFORM SIGN LU2 TIMES ESH2
12201 CUNEIFORM SIGN LU2 TIMES ESH2 TENU
12202 CUNEIFORM SIGN LU2 TIMES GAN2 TENU
12203 CUNEIFORM SIGN LU2 TIMES HI TIMES BAD
12204 CUNEIFORM SIGN LU2 TIMES IM
12205 CUNEIFORM SIGN LU2 TIMES KAD2
12206 CUNEIFORM SIGN LU2 TIMES KAD3
12207 CUNEIFORM SIGN LU2 TIMES KAD3 PLUS ASH
12208 CUNEIFORM SIGN LU2 TIMES KI
12209 CUNEIFORM SIGN LU2 TIMES LA PLUS ASH
1220A CUNEIFORM SIGN LU2 TIMES LAGAB
1220B CUNEIFORM SIGN LU2 TIMES ME PLUS EN
1220C CUNEIFORM SIGN LU2 TIMES NE
1220D CUNEIFORM SIGN LU2 TIMES NU
1220E CUNEIFORM SIGN LU2 TIMES SI PLUS ASH
1220F CUNEIFORM SIGN LU2 TIMES SIK2 PLUS BU
12210 CUNEIFORM SIGN LU2 TIMES TUG2
12211 CUNEIFORM SIGN LU2 TENU
12212 CUNEIFORM SIGN LU2 CROSSING LU2
12213 CUNEIFORM SIGN LU2 OPPOSING LU2
12214 CUNEIFORM SIGN LU2 SQUARED
12215 CUNEIFORM SIGN LU2 SHESHIG
12216 CUNEIFORM SIGN LU3
12217 CUNEIFORM SIGN LUGAL
12218 CUNEIFORM SIGN LUGAL OVER LUGAL
12219 CUNEIFORM SIGN LUGAL OPPOSING LUGAL
1221A CUNEIFORM SIGN LUGAL SHESHIG
1221B CUNEIFORM SIGN LUH
1221C CUNEIFORM SIGN LUL
1221D CUNEIFORM SIGN LUM
1221E CUNEIFORM SIGN LUM OVER LUM
1221F CUNEIFORM SIGN LUM OVER LUM GAR OVER GAR
12220 CUNEIFORM SIGN MA
12221 CUNEIFORM SIGN MA TIMES TAK4
12222 CUNEIFORM SIGN MA GUNU
12223 CUNEIFORM SIGN MA2
12224 CUNEIFORM SIGN MAH
12225 CUNEIFORM SIGN MAR
12226 CUNEIFORM SIGN MASH
12227 CUNEIFORM SIGN MASH2
12228 CUNEIFORM SIGN ME
12229 CUNEIFORM SIGN MES
1222A CUNEIFORM SIGN MI
1222B CUNEIFORM SIGN MIN
1222C CUNEIFORM SIGN MU
1222D CUNEIFORM SIGN MU OVER MU
1222E CUNEIFORM SIGN MUG
1222F CUNEIFORM SIGN MUG GUNU
12230 CUNEIFORM SIGN MUNSUB
12231 CUNEIFORM SIGN MURGU2
12232 CUNEIFORM SIGN MUSH
12233 CUNEIFORM SIGN MUSH TIMES A
12234 CUNEIFORM SIGN MUSH TIMES KUR
12235 CUNEIFORM SIGN MUSH TIMES ZA
12236 CUNEIFORM SIGN MUSH OVER MUSH
12237 CUNEIFORM SIGN MUSH OVER MUSH TIMES A PLUS NA
12238 CUNEIFORM SIGN MUSH CROSSING MUSH
12239 CUNEIFORM SIGN MUSH3
1223A CUNEIFORM SIGN MUSH3 TIMES A
1223B CUNEIFORM SIGN MUSH3 TIMES A PLUS DI
1223C CUNEIFORM SIGN MUSH3 TIMES DI
1223D CUNEIFORM SIGN MUSH3 GUNU
1223E CUNEIFORM SIGN NA
1223F CUNEIFORM SIGN NA2
12240 CUNEIFORM SIGN NAGA
12241 CUNEIFORM SIGN NAGA INVERTED
12242 CUNEIFORM SIGN NAGA TIMES SHU TENU
12243 CUNEIFORM SIGN NAGA OPPOSING NAGA
12244 CUNEIFORM SIGN NAGAR
12245 CUNEIFORM SIGN NAM NUTILLU
12246 CUNEIFORM SIGN NAM
12247 CUNEIFORM SIGN NAM2
12248 CUNEIFORM SIGN NE
12249 CUNEIFORM SIGN NE TIMES A
1224A CUNEIFORM SIGN NE TIMES UD
1224B CUNEIFORM SIGN NE SHESHIG
1224C CUNEIFORM SIGN NI
1224D CUNEIFORM SIGN NI TIMES E
1224E CUNEIFORM SIGN NI2
1224F CUNEIFORM SIGN NIM
12250 CUNEIFORM SIGN NIM TIMES GAN2 TENU
12251 CUNEIFORM SIGN NIM TIMES GAR PLUS GAN2 TENU
12252 CUNEIFORM SIGN NINDA2
12253 CUNEIFORM SIGN NINDA2 TIMES AN
12254 CUNEIFORM SIGN NINDA2 TIMES ASH
12255 CUNEIFORM SIGN NINDA2 TIMES ASH PLUS ASH
12256 CUNEIFORM SIGN NINDA2 TIMES GUD
12257 CUNEIFORM SIGN NINDA2 TIMES ME PLUS GAN2 TENU
12258 CUNEIFORM SIGN NINDA2 TIMES NE
12259 CUNEIFORM SIGN NINDA2 TIMES NUN
1225A CUNEIFORM SIGN NINDA2 TIMES SHE
1225B CUNEIFORM SIGN NINDA2 TIMES SHE PLUS A AN
1225C CUNEIFORM SIGN NINDA2 TIMES SHE PLUS ASH
1225D CUNEIFORM SIGN NINDA2 TIMES SHE PLUS ASH PLUS ASH
1225E CUNEIFORM SIGN NINDA2 TIMES U2 PLUS ASH
1225F CUNEIFORM SIGN NINDA2 TIMES USH
12260 CUNEIFORM SIGN NISAG
12261 CUNEIFORM SIGN NU
12262 CUNEIFORM SIGN NU11
12263 CUNEIFORM SIGN NUN
12264 CUNEIFORM SIGN NUN LAGAR TIMES GAR
12265 CUNEIFORM SIGN NUN LAGAR TIMES MASH
12266 CUNEIFORM SIGN NUN LAGAR TIMES SAL
12267 CUNEIFORM SIGN NUN LAGAR TIMES SAL OVER NUN LAGAR TIMES SAL
12268 CUNEIFORM SIGN NUN LAGAR TIMES USH
12269 CUNEIFORM SIGN NUN TENU
1226A CUNEIFORM SIGN NUN OVER NUN
1226B CUNEIFORM SIGN NUN CROSSING NUN
1226C CUNEIFORM SIGN NUN CROSSING NUN LAGAR OVER LAGAR
1226D CUNEIFORM SIGN NUNUZ
1226E CUNEIFORM SIGN NUNUZ AB2 TIMES ASHGAB
1226F CUNEIFORM SIGN NUNUZ AB2 TIMES BI
12270 CUNEIFORM SIGN NUNUZ AB2 TIMES DUG
12271 CUNEIFORM SIGN NUNUZ AB2 TIMES GUD
12272 CUNEIFORM SIGN NUNUZ AB2 TIMES IGI GUNU
12273 CUNEIFORM SIGN NUNUZ AB2 TIMES KAD3
12274 CUNEIFORM SIGN NUNUZ AB2 TIMES LA
12275 CUNEIFORM SIGN NUNUZ AB2 TIMES NE
12276 CUNEIFORM SIGN NUNUZ AB2 TIMES SILA3
12277 CUNEIFORM SIGN NUNUZ AB2 TIMES U2
12278 CUNEIFORM SIGN NUNUZ KISIM5 TIMES BI
12279 CUNEIFORM SIGN NUNUZ KISIM5 TIMES BI U
1227A CUNEIFORM SIGN PA
1227B CUNEIFORM SIGN PAD
1227C CUNEIFORM SIGN PAN

1227D CUNEIFORM SIGN PAP
1227E CUNEIFORM SIGN PESH2
1227F CUNEIFORM SIGN PI
12280 CUNEIFORM SIGN PI TIMES A
12281 CUNEIFORM SIGN PI TIMES AB
12282 CUNEIFORM SIGN PI TIMES BI
12283 CUNEIFORM SIGN PI TIMES BU
12284 CUNEIFORM SIGN PI TIMES E
12285 CUNEIFORM SIGN PI TIMES I
12286 CUNEIFORM SIGN PI TIMES IB
12287 CUNEIFORM SIGN PI TIMES U
12288 CUNEIFORM SIGN PI TIMES U2
12289 CUNEIFORM SIGN PI CROSSING PI
1228A CUNEIFORM SIGN PIRIG
1228B CUNEIFORM SIGN PIRIG TIMES KAL
1228C CUNEIFORM SIGN PIRIG TIMES UD
1228D CUNEIFORM SIGN PIRIG TIMES ZA
1228E CUNEIFORM SIGN PIRIG OPPOSING PIRIG
1228F CUNEIFORM SIGN RA
12290 CUNEIFORM SIGN RAB
12291 CUNEIFORM SIGN RI
12292 CUNEIFORM SIGN RU
12293 CUNEIFORM SIGN SA
12294 CUNEIFORM SIGN SAG NUTILLU
12295 CUNEIFORM SIGN SAG
12296 CUNEIFORM SIGN SAG TIMES A
12297 CUNEIFORM SIGN SAG TIMES DU
12298 CUNEIFORM SIGN SAG TIMES DUB
12299 CUNEIFORM SIGN SAG TIMES HA
1229A CUNEIFORM SIGN SAG TIMES KAK
1229B CUNEIFORM SIGN SAG TIMES KUR
1229C CUNEIFORM SIGN SAG TIMES LUM
1229D CUNEIFORM SIGN SAG TIMES MI
1229E CUNEIFORM SIGN SAG TIMES NUN
1229F CUNEIFORM SIGN SAG TIMES SAL
122A0 CUNEIFORM SIGN SAG TIMES SHID
122A1 CUNEIFORM SIGN SAG TIMES TAB
122A2 CUNEIFORM SIGN SAG TIMES U2
122A3 CUNEIFORM SIGN SAG TIMES UB
122A4 CUNEIFORM SIGN SAG TIMES UM
122A5 CUNEIFORM SIGN SAG TIMES UR
122A6 CUNEIFORM SIGN SAG TIMES USH
122A7 CUNEIFORM SIGN SAG OVER SAG
122A8 CUNEIFORM SIGN SAG GUNU
122A9 CUNEIFORM SIGN SAL
122AA CUNEIFORM SIGN SAL LAGAB TIMES ASH2
122AB CUNEIFORM SIGN SANGA2
122AC CUNEIFORM SIGN SAR
122AD CUNEIFORM SIGN SHA
122AE CUNEIFORM SIGN SHA3
122AF CUNEIFORM SIGN SHA3 TIMES A
122B0 CUNEIFORM SIGN SHA3 TIMES BAD
122B1 CUNEIFORM SIGN SHA3 TIMES GISH
122B2 CUNEIFORM SIGN SHA3 TIMES NE
122B3 CUNEIFORM SIGN SHA3 TIMES SHU2
122B4 CUNEIFORM SIGN SHA3 TIMES TUR
122B5 CUNEIFORM SIGN SHA3 TIMES U
122B6 CUNEIFORM SIGN SHA3 TIMES U PLUS A
122B7 CUNEIFORM SIGN SHA6
122B8 CUNEIFORM SIGN SHAB6
122B9 CUNEIFORM SIGN SHAR2
• formed by making a circular indentation with the end of the stylus
122BA CUNEIFORM SIGN SHE
122BB CUNEIFORM SIGN SHE HU
122BC CUNEIFORM SIGN SHE OVER SHE GAD OVER GAD GAR OVER GAR
122BD CUNEIFORM SIGN SHE OVER SHE TAB OVER TAB GAR OVER GAR
122BE CUNEIFORM SIGN SHEG9
122BF CUNEIFORM SIGN SHEN
122C0 CUNEIFORM SIGN SHESH
122C1 CUNEIFORM SIGN SHESH2
122C2 CUNEIFORM SIGN SHESHLAM
122C3 CUNEIFORM SIGN SHID
122C4 CUNEIFORM SIGN SHID TIMES A
122C5 CUNEIFORM SIGN SHID TIMES IM
122C6 CUNEIFORM SIGN SHIM
122C7 CUNEIFORM SIGN SHIM TIMES A
122C8 CUNEIFORM SIGN SHIM TIMES BAL
122C9 CUNEIFORM SIGN SHIM TIMES BULUG
122CA CUNEIFORM SIGN SHIM TIMES DIN
122CB CUNEIFORM SIGN SHIM TIMES GAR
122CC CUNEIFORM SIGN SHIM TIMES IGI
122CD CUNEIFORM SIGN SHIM TIMES IGI GUNU
122CE CUNEIFORM SIGN SHIM TIMES KUSHU2
122CF CUNEIFORM SIGN SHIM TIMES LUL
122D0 CUNEIFORM SIGN SHIM TIMES MUG
122D1 CUNEIFORM SIGN SHIM TIMES SAL
122D2 CUNEIFORM SIGN SHINIG
122D3 CUNEIFORM SIGN SHIR
122D4 CUNEIFORM SIGN SHIR TENU
• name is a misnomer
※ CUNEIFORM SIGN NU11 TENU
122D5 CUNEIFORM SIGN SHIR OVER SHIR BUR OVER BUR
※ CUNEIFORM SIGN NU11 OVER NU11 BUR OVER BUR
• name is a misnomer
122D6 CUNEIFORM SIGN SHITA
122D7 CUNEIFORM SIGN SHU
122D8 CUNEIFORM SIGN SHU OVER INVERTED SHU
122D9 CUNEIFORM SIGN SHU2
122DA CUNEIFORM SIGN SHUBUR
122DB CUNEIFORM SIGN SI
122DC CUNEIFORM SIGN SI GUNU
122DD CUNEIFORM SIGN SIG
122DE CUNEIFORM SIGN SIG4
122DF CUNEIFORM SIGN SIG4 OVER SIG4 SHU2
122E0 CUNEIFORM SIGN SIK2
122E1 CUNEIFORM SIGN SILA3
122E2 CUNEIFORM SIGN SU
122E3 CUNEIFORM SIGN SU OVER SU
122E4 CUNEIFORM SIGN SUD
122E5 CUNEIFORM SIGN SUD2
122E6 CUNEIFORM SIGN SUHUR
122E7 CUNEIFORM SIGN SUM
122E8 CUNEIFORM SIGN SUMASH
122E9 CUNEIFORM SIGN SUR
122EA CUNEIFORM SIGN SUR9
122EB CUNEIFORM SIGN TA
122EC CUNEIFORM SIGN TA ASTERISK
122ED CUNEIFORM SIGN TA TIMES HI
122EE CUNEIFORM SIGN TA TIMES MI
122EF CUNEIFORM SIGN TA GUNU
122F0 CUNEIFORM SIGN TAB
122F1 CUNEIFORM SIGN TAB OVER TAB NI OVER NI DISH OVER DISH
122F2 CUNEIFORM SIGN TAB SQUARED
122F3 CUNEIFORM SIGN TAG
122F4 CUNEIFORM SIGN TAG TIMES BI
122F5 CUNEIFORM SIGN TAG TIMES GUD
122F6 CUNEIFORM SIGN TAG TIMES SHE
122F7 CUNEIFORM SIGN TAG TIMES SHU
122F8 CUNEIFORM SIGN TAG TIMES TUG2

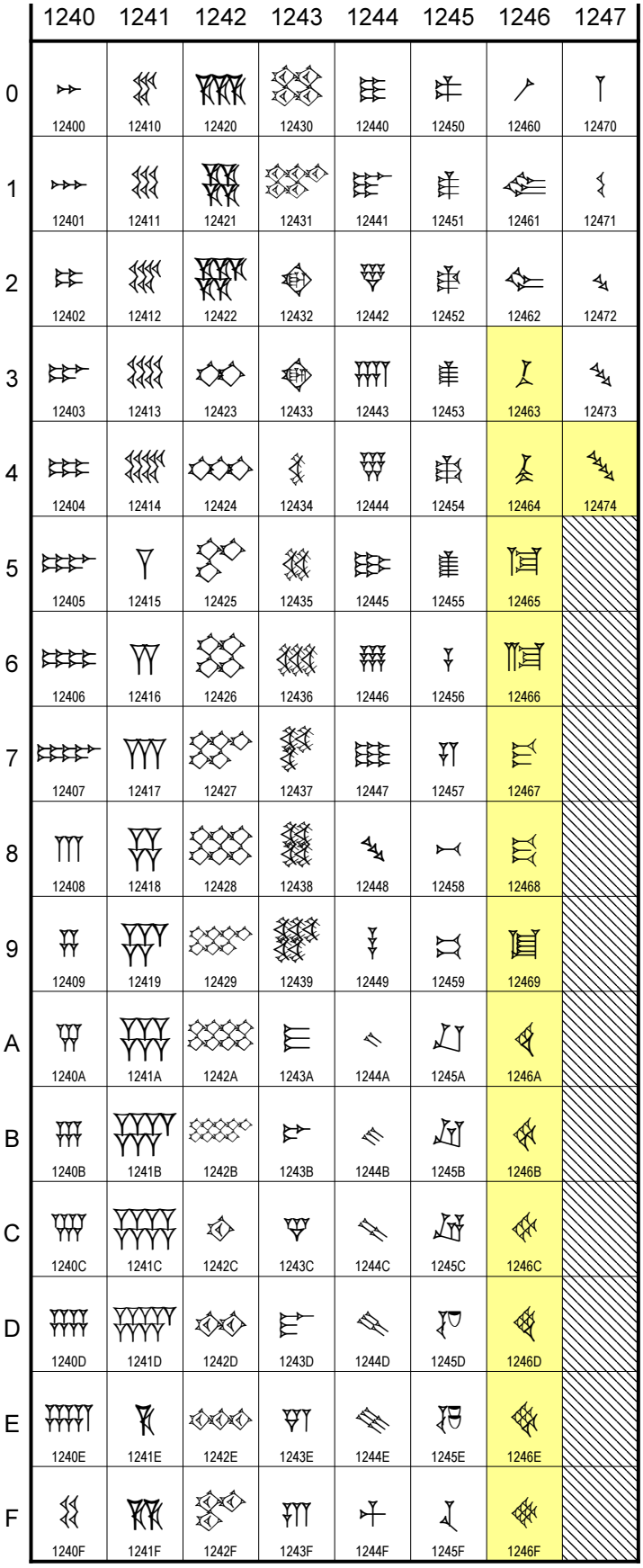
122F9 CUNEIFORM SIGN TAG TIMES UD
122FA CUNEIFORM SIGN TAK4
122FB CUNEIFORM SIGN TAR
122FC CUNEIFORM SIGN TE
122FD CUNEIFORM SIGN TE GUNU
122FE CUNEIFORM SIGN TI
122FF CUNEIFORM SIGN TI TENU
12300 CUNEIFORM SIGN TIL
12301 CUNEIFORM SIGN TIR
12302 CUNEIFORM SIGN TIR TIMES TAK4
12303 CUNEIFORM SIGN TIR OVER TIR
12304 CUNEIFORM SIGN TIR OVER TIR GAD OVER GAD GAR OVER GAR
12305 CUNEIFORM SIGN TU
12306 CUNEIFORM SIGN TUG2
12307 CUNEIFORM SIGN TUK
12308 CUNEIFORM SIGN TUM
12309 CUNEIFORM SIGN TUR
1230A CUNEIFORM SIGN TUR OVER TUR ZA OVER ZA
1230B CUNEIFORM SIGN U
1230C CUNEIFORM SIGN U GUD
1230D CUNEIFORM SIGN U U U
1230E CUNEIFORM SIGN U OVER U PA OVER PA GAR OVER GAR
1230F CUNEIFORM SIGN U OVER U SUR OVER SUR
12310 CUNEIFORM SIGN U OVER U U REVERSED OVER U REVERSED
12311 CUNEIFORM SIGN U2
12312 CUNEIFORM SIGN UB
12313 CUNEIFORM SIGN UD
12314 CUNEIFORM SIGN UD KUSHU2
12315 CUNEIFORM SIGN UD TIMES BAD
12316 CUNEIFORM SIGN UD TIMES MI
12317 CUNEIFORM SIGN UD TIMES U PLUS U PLUS U
12318 CUNEIFORM SIGN UD TIMES U PLUS U PLUS U GUNU
12319 CUNEIFORM SIGN UD GUNU
1231A CUNEIFORM SIGN UD SHESHIG
1231B CUNEIFORM SIGN UD SHESHIG TIMES BAD
1231C CUNEIFORM SIGN UDUG
1231D CUNEIFORM SIGN UM
1231E CUNEIFORM SIGN UM TIMES LAGAB
1231F CUNEIFORM SIGN UM TIMES ME PLUS DA
12320 CUNEIFORM SIGN UM TIMES SHA3
12321 CUNEIFORM SIGN UM TIMES U
12322 CUNEIFORM SIGN UMBIN
12323 CUNEIFORM SIGN UMUM
12324 CUNEIFORM SIGN UMUM TIMES KASKAL
12325 CUNEIFORM SIGN UMUM TIMES PA
12326 CUNEIFORM SIGN UN
12327 CUNEIFORM SIGN UN GUNU
12328 CUNEIFORM SIGN UR
12329 CUNEIFORM SIGN UR CROSSING UR
1232A CUNEIFORM SIGN UR SHESHIG
1232B CUNEIFORM SIGN UR2
1232C CUNEIFORM SIGN UR2 TIMES A PLUS HA
1232D CUNEIFORM SIGN UR2 TIMES A PLUS NA
1232E CUNEIFORM SIGN UR2 TIMES AL
1232F CUNEIFORM SIGN UR2 TIMES HA
12330 CUNEIFORM SIGN UR2 TIMES NUN
12331 CUNEIFORM SIGN UR2 TIMES U2
12332 CUNEIFORM SIGN UR2 TIMES U2 PLUS ASH
12333 CUNEIFORM SIGN UR2 TIMES U2 PLUS BI
12334 CUNEIFORM SIGN UR4
12335 CUNEIFORM SIGN URI
12336 CUNEIFORM SIGN URI3
12337 CUNEIFORM SIGN URU
12338 CUNEIFORM SIGN URU TIMES A
12339 CUNEIFORM SIGN URU TIMES ASHGAB
1233A CUNEIFORM SIGN URU TIMES BAR
1233B CUNEIFORM SIGN URU TIMES DUN
1233C CUNEIFORM SIGN URU TIMES GA
1233D CUNEIFORM SIGN URU TIMES GAL
1233E CUNEIFORM SIGN URU TIMES GAN2 TENU
1233F CUNEIFORM SIGN URU TIMES GAR
12340 CUNEIFORM SIGN URU TIMES GU
12341 CUNEIFORM SIGN URU TIMES HA
12342 CUNEIFORM SIGN URU TIMES IGI
12343 CUNEIFORM SIGN URU TIMES IM
12344 CUNEIFORM SIGN URU TIMES ISH
12345 CUNEIFORM SIGN URU TIMES KI
12346 CUNEIFORM SIGN URU TIMES LUM
12347 CUNEIFORM SIGN URU TIMES MIN
12348 CUNEIFORM SIGN URU TIMES PA
12349 CUNEIFORM SIGN URU TIMES SHE
1234A CUNEIFORM SIGN URU TIMES SIG4
1234B CUNEIFORM SIGN URU TIMES TU
1234C CUNEIFORM SIGN URU TIMES U PLUS GUD
1234D CUNEIFORM SIGN URU TIMES UD
1234E CUNEIFORM SIGN URU TIMES URUDA
1234F CUNEIFORM SIGN URUDA
12350 CUNEIFORM SIGN URUDA TIMES U
12351 CUNEIFORM SIGN USH
12352 CUNEIFORM SIGN USH TIMES A
12353 CUNEIFORM SIGN USH TIMES KU
12354 CUNEIFORM SIGN USH TIMES KUR
12355 CUNEIFORM SIGN USH TIMES TAK4
12356 CUNEIFORM SIGN USHX
12357 CUNEIFORM SIGN USH2
12358 CUNEIFORM SIGN USHUMX
12359 CUNEIFORM SIGN UTUKI
1235A CUNEIFORM SIGN UZ3
1235B CUNEIFORM SIGN UZ3 TIMES KASKAL
1235C CUNEIFORM SIGN UZU
1235D CUNEIFORM SIGN ZA
1235E CUNEIFORM SIGN ZA TENU
1235F CUNEIFORM SIGN ZA SQUARED TIMES KUR
12360 CUNEIFORM SIGN ZAG
12361 CUNEIFORM SIGN ZAMX
12362 CUNEIFORM SIGN ZE2
12363 CUNEIFORM SIGN ZI
12364 CUNEIFORM SIGN ZI OVER ZI
12365 CUNEIFORM SIGN ZI3
12366 CUNEIFORM SIGN ZIB
12367 CUNEIFORM SIGN ZIB KABA TENU
12368 CUNEIFORM SIGN ZIG
12369 CUNEIFORM SIGN ZIZ2
1236A CUNEIFORM SIGN ZU
1236B CUNEIFORM SIGN ZU5
1236C CUNEIFORM SIGN ZU5 TIMES A
1236D CUNEIFORM SIGN ZUBUR
1236E CUNEIFORM SIGN ZUM

Elamite sign

1236F CUNEIFORM SIGN KAP ELAMITE

Signs

12370 CUNEIFORM SIGN GA2 TIMES ASH2
12371 CUNEIFORM SIGN KA TIMES ANSHE
12372 CUNEIFORM SIGN KA TIMES GUD
12373 CUNEIFORM SIGN KA TIMES SHUL
12374 CUNEIFORM SIGN LU2 SHESHIG TIMES BAD
12375 CUNEIFORM SIGN NU11 ROTATED NINETY DEGREES
12376 CUNEIFORM SIGN U U
12377 CUNEIFORM SIGN UR2 INVERTED


1240 1241 1242 1243 1244 1245 1246 1247
0 12400 12410 12420 12430 12440 12450 12460 12470
1 12401 12411 12421 12431 12441 12451 12461 12471
2 12402 12412 12422 12432 12442 12452 12462 12472
3 12403 12413 12423 12433 12443 12453 12463 12473
4 12404 12414 12424 12434 12444 12454 12464 12474
5 12405 12415 12425 12435 12445 12455 12465
6 12406 12416 12426 12436 12446 12456 12466
7 12407 12417 12427 12437 12447 12457 12467
8 12408 12418 12428 12438 12448 12458 12468
9 12409 12419 12429 12439 12449 12459 12469
A 1240A 1241A 1242A 1243A 1244A 1245A 1246A
B 1240B 1241B 1242B 1243B 1244B 1245B 1246B
C 1240C 1241C 1242C 1243C 1244C 1245C 1246C
D 1240D 1241D 1242D 1243D 1244D 1245D 1246D
E 1240E 1241E 1242E 1243E 1244E 1245E 1246E
F 1240F 1241F 1242F 1243F 1244F 1245F 1246F

Numeric signs

12400 CUNEIFORM NUMERIC SIGN TWO ASH
12401 CUNEIFORM NUMERIC SIGN THREE ASH
12402 CUNEIFORM NUMERIC SIGN FOUR ASH
12403 CUNEIFORM NUMERIC SIGN FIVE ASH
12404 CUNEIFORM NUMERIC SIGN SIX ASH
12405 CUNEIFORM NUMERIC SIGN SEVEN ASH
12406 CUNEIFORM NUMERIC SIGN EIGHT ASH
12407 CUNEIFORM NUMERIC SIGN NINE ASH
12408 CUNEIFORM NUMERIC SIGN THREE DISH
12409 CUNEIFORM NUMERIC SIGN FOUR DISH
1240A CUNEIFORM NUMERIC SIGN FIVE DISH
1240B CUNEIFORM NUMERIC SIGN SIX DISH
1240C CUNEIFORM NUMERIC SIGN SEVEN DISH
1240D CUNEIFORM NUMERIC SIGN EIGHT DISH
1240E CUNEIFORM NUMERIC SIGN NINE DISH
1240F CUNEIFORM NUMERIC SIGN FOUR U
12410 CUNEIFORM NUMERIC SIGN FIVE U
12411 CUNEIFORM NUMERIC SIGN SIX U
12412 CUNEIFORM NUMERIC SIGN SEVEN U
12413 CUNEIFORM NUMERIC SIGN EIGHT U
12414 CUNEIFORM NUMERIC SIGN NINE U
12415 CUNEIFORM NUMERIC SIGN ONE GESH2
12416 CUNEIFORM NUMERIC SIGN TWO GESH2
12417 CUNEIFORM NUMERIC SIGN THREE GESH2
12418 CUNEIFORM NUMERIC SIGN FOUR GESH2
12419 CUNEIFORM NUMERIC SIGN FIVE GESH2
1241A CUNEIFORM NUMERIC SIGN SIX GESH2
1241B CUNEIFORM NUMERIC SIGN SEVEN GESH2
1241C CUNEIFORM NUMERIC SIGN EIGHT GESH2
1241D CUNEIFORM NUMERIC SIGN NINE GESH2
1241E CUNEIFORM NUMERIC SIGN ONE GESHU
1241F CUNEIFORM NUMERIC SIGN TWO GESHU
12420 CUNEIFORM NUMERIC SIGN THREE GESHU
12421 CUNEIFORM NUMERIC SIGN FOUR GESHU
12422 CUNEIFORM NUMERIC SIGN FIVE GESHU
12423 CUNEIFORM NUMERIC SIGN TWO SHAR2
12424 CUNEIFORM NUMERIC SIGN THREE SHAR2
12425 CUNEIFORM NUMERIC SIGN THREE SHAR2 VARIANT FORM
12426 CUNEIFORM NUMERIC SIGN FOUR SHAR2
12427 CUNEIFORM NUMERIC SIGN FIVE SHAR2
12428 CUNEIFORM NUMERIC SIGN SIX SHAR2
12429 CUNEIFORM NUMERIC SIGN SEVEN SHAR2
1242A CUNEIFORM NUMERIC SIGN EIGHT SHAR2
1242B CUNEIFORM NUMERIC SIGN NINE SHAR2
1242C CUNEIFORM NUMERIC SIGN ONE SHARU
1242D CUNEIFORM NUMERIC SIGN TWO SHARU
1242E CUNEIFORM NUMERIC SIGN THREE SHARU
1242F CUNEIFORM NUMERIC SIGN THREE SHARU VARIANT FORM
12430 CUNEIFORM NUMERIC SIGN FOUR SHARU
12431 CUNEIFORM NUMERIC SIGN FIVE SHARU
12432 CUNEIFORM NUMERIC SIGN SHAR2 TIMES GAL PLUS DISH
12433 CUNEIFORM NUMERIC SIGN SHAR2 TIMES GAL PLUS MIN
12434 CUNEIFORM NUMERIC SIGN ONE BURU
12435 CUNEIFORM NUMERIC SIGN TWO BURU
12436 CUNEIFORM NUMERIC SIGN THREE BURU
12437 CUNEIFORM NUMERIC SIGN THREE BURU VARIANT FORM
12438 CUNEIFORM NUMERIC SIGN FOUR BURU
12439 CUNEIFORM NUMERIC SIGN FIVE BURU
1243A CUNEIFORM NUMERIC SIGN THREE VARIANT FORM ESH16
1243B CUNEIFORM NUMERIC SIGN THREE VARIANT FORM ESH21
1243C CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU
1243D CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU4
1243E CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU A
1243F CUNEIFORM NUMERIC SIGN FOUR VARIANT FORM LIMMU B
12440 CUNEIFORM NUMERIC SIGN SIX VARIANT FORM ASH9
12441 CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN3
12442 CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN A
12443 CUNEIFORM NUMERIC SIGN SEVEN VARIANT FORM IMIN B
12444 CUNEIFORM NUMERIC SIGN EIGHT VARIANT FORM USSU
12445 CUNEIFORM NUMERIC SIGN EIGHT VARIANT FORM USSU3
12446 CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU
12447 CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU3
12448 CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU4
12449 CUNEIFORM NUMERIC SIGN NINE VARIANT FORM ILIMMU A
1244A CUNEIFORM NUMERIC SIGN TWO ASH TENU
1244B CUNEIFORM NUMERIC SIGN THREE ASH TENU
1244C CUNEIFORM NUMERIC SIGN FOUR ASH TENU
1244D CUNEIFORM NUMERIC SIGN FIVE ASH TENU
1244E CUNEIFORM NUMERIC SIGN SIX ASH TENU
1244F CUNEIFORM NUMERIC SIGN ONE BAN2
12450 CUNEIFORM NUMERIC SIGN TWO BAN2
12451 CUNEIFORM NUMERIC SIGN THREE BAN2
12452 CUNEIFORM NUMERIC SIGN FOUR BAN2
12453 CUNEIFORM NUMERIC SIGN FOUR BAN2 VARIANT FORM
12454 CUNEIFORM NUMERIC SIGN FIVE BAN2
12455 CUNEIFORM NUMERIC SIGN FIVE BAN2 VARIANT FORM
12456 CUNEIFORM NUMERIC SIGN NIGIDAMIN
12457 CUNEIFORM NUMERIC SIGN NIGIDAESH
12458 CUNEIFORM NUMERIC SIGN ONE ESHE3
12459 CUNEIFORM NUMERIC SIGN TWO ESHE3

Fractions

1245A CUNEIFORM NUMERIC SIGN ONE THIRD DISH
1245B CUNEIFORM NUMERIC SIGN TWO THIRDS DISH
1245C CUNEIFORM NUMERIC SIGN FIVE SIXTHS DISH
1245D CUNEIFORM NUMERIC SIGN ONE THIRD VARIANT FORM A
1245E CUNEIFORM NUMERIC SIGN TWO THIRDS VARIANT FORM A
1245F CUNEIFORM NUMERIC SIGN ONE EIGHTH ASH
12460 CUNEIFORM NUMERIC SIGN ONE QUARTER ASH
12461 CUNEIFORM NUMERIC SIGN OLD ASSYRIAN ONE SIXTH
12462 CUNEIFORM NUMERIC SIGN OLD ASSYRIAN ONE QUARTER
12463 CUNEIFORM NUMERIC SIGN ONE QUARTER GUR
12464 CUNEIFORM NUMERIC SIGN ONE HALF GUR

Numeric signs

12465 CUNEIFORM NUMERIC SIGN ELAMITE ONE THIRD
12466 CUNEIFORM NUMERIC SIGN ELAMITE TWO THIRDS
12467 CUNEIFORM NUMERIC SIGN ELAMITE FORTY

12468	𒐨	CUNEIFORM NUMERIC SIGN ELAMITE FIFTY
12469	𒐩	CUNEIFORM NUMERIC SIGN ELAMITE SIXTY
1246A	𒑊	CUNEIFORM NUMERIC SIGN FOUR U VARIANT FORM
1246B	𒑋	CUNEIFORM NUMERIC SIGN FIVE U VARIANT FORM
1246C	𒑌	CUNEIFORM NUMERIC SIGN SIX U VARIANT FORM
1246D	𒑍	CUNEIFORM NUMERIC SIGN SEVEN U VARIANT FORM
1246E	𒑎	CUNEIFORM NUMERIC SIGN EIGHT U VARIANT FORM
1246F	𒑏	CUNEIFORM NUMERIC SIGN NINE U VARIANT FORM

Punctuation

12470	𒑐	CUNEIFORM PUNCTUATION SIGN OLD ASSYRIAN WORD DIVIDER
		→ 1039F 𐎟 ugaritic word divider
		→ 103D0 𐏐 old persian word divider
12471	𒑑	CUNEIFORM PUNCTUATION SIGN VERTICAL COLON
12472	𒑒	CUNEIFORM PUNCTUATION SIGN DIAGONAL COLON
12473	𒑓	CUNEIFORM PUNCTUATION SIGN DIAGONAL TRICOLON
12474	𒑔	CUNEIFORM PUNCTUATION SIGN DIAGONAL QUADCOLON

A. Administrative

1. Title

Proposal for additions and corrections to Sumero-Akkadian Cuneiform

2. Requester's name

UC Berkeley Script Encoding Initiative (Universal Scripts Project)

3. Requester type (Member body/Liaison/Individual contribution)

Liaison contribution.

4. Submission date

2012-01-26

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

No.

6b. More information will be provided later

Yes.

B. Technical – General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

No.

1b. Proposed name of script

1c. The proposal is for addition of character(s) to an existing block

Yes

1d. Name of the existing block

Cuneiform, Cuneiform Numbers and Punctuation

2. Number of characters in proposal

23 (9, 14).

3. Proposed category (A-Contemporary; B.1-Specialized (small collection); B.2-Specialized (large collection); C-Major extinct; D-Attested extinct; E-Minor extinct; F-Archaic Hieroglyphic or Ideographic; G-Obscure or questionable usage symbols)

Category F.

4a. Is a repertoire including character names provided?

Yes.

4b. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?

Yes.

4c. Are the character shapes attached in a legible form suitable for review?

Yes.

5a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?

Michael Everson.

5b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:

Michael Everson, Fontographer.

6a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

Yes.

6b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

No.

7. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

Yes.

8. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see Unicode Character Database http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

See above.

C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

No.

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

Yes.

2b. If YES, with whom?

Steve Tinney (co-author).

2c. If YES, available relevant documents
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?
Sumerologists.
4a. The context of use for the proposed characters (type of use; common or rare)
Used historically and in modern editions.
4b. Reference
5a. Are the proposed characters in current use by the user community?
Yes.
5b. If YES, where?
Scholarly publications.
6a. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?
No.
6b. If YES, is a rationale provided?
6c. If YES, reference
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?
No.
8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?
No.
8b. If YES, is a rationale for its inclusion provided?
8c. If YES, reference
9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?
No.
9b. If YES, is a rationale for its inclusion provided?
9c. If YES, reference
10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?
No.
10b. If YES, is a rationale for its inclusion provided?
10c. If YES, reference
11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?
No.
11b. If YES, is a rationale for such use provided?
11c. If YES, reference
11d. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?
No.
11e. If YES, reference
12a. Does the proposal contain characters with any special properties such as control function or similar semantics?
No.
12b. If YES, describe in detail (include attachment if necessary)
13a. Does the proposal contain any Ideographic compatibility character(s)?
No.
13b. If YES, is the equivalent corresponding unified ideographic character(s) identified?