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AMENDMENT 19
1998-11-01

**Information technology — Universal
Multiple-Octet Coded Character Set
(UCS) —**

Part 1:
Architecture and Basic Multilingual Plane

AMENDMENT 19: Runic

*Technologies de l'information — Jeu universel de caractères codés à
plusieurs octets —*

Partie 1: Architecture et table multilingue

AMENDEMENT 19: «Runic»



Reference number
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Foreword

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Amendment 19 to ISO/IEC 10646-1:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

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Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:

Architecture and Basic Multilingual Plane

AMENDMENT 19: Runic

Page 11, Clause 19

In the list of Block names, after the entry HANGUL JAMO, insert a new entry as follows:

RUNIC 16A0-16FF

Page 15, Clause 25, Figure 4 (see Amendment 5)

In Figure 4 (see Amendment 5), replace the last three quarters of the second half of row 16 with the word:

Runic

centred on a white background.

After page 75

Add the following new table titled:

Table 236 - Row 16: RUNIC

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TABLE 236 - Row 16: RUNIC

	16A	16B	16C	16D	16E	16F
0	 160	 176	 192	 208	 224	 240
1	 161	 177	 193	 209	 225	241
2	 162	 178	 194	 210	 226	242
3	 163	 179	 195	 211	 227	243
4	 164	 180	 196	 212	 228	244
5	 165	 181	 197	 213	 229	245
6	 166	 182	 198	 214	 230	246
7	 167	 183	 199	 215	 231	247
8	 168	 184	 200	 216	 232	248
9	 169	 185	 201	 217	 233	249
A	 170	 186	 202	 218	 234	250
B	 171	 187	 203	 219	 235	251
C	 172	 188	 204	 220	 236	252
D	 173	 189	 205	 221	 237	253
E	 174	 190	 206	 222	 238	254
F	 176	 191	 207	 223	 239	255

G = 00
P = 00

TABLE 236 - Row 16: RUNIC

dec	hex	Name	dec	hex	Name
160	A0	RUNIC LETTER FEHU FEHO FE F	249	F9	(This position shall not be used)
161	A1	RUNIC LETTER V	250	FA	(This position shall not be used)
162	A2	RUNIC LETTER URUZ UR U	251	FB	(This position shall not be used)
163	A3	RUNIC LETTER YR	252	FC	(This position shall not be used)
164	A4	RUNIC LETTER Y	253	FD	(This position shall not be used)
165	A5	RUNIC LETTER W	254	FE	(This position shall not be used)
166	A6	RUNIC LETTER THURISAZ THURS THORN	255	FF	(This position shall not be used)
167	A7	RUNIC LETTER ETH			
168	A8	RUNIC LETTER ANSUZ A			
169	A9	RUNIC LETTER OS O			
170	AA	RUNIC LETTER AC A			
171	AB	RUNIC LETTER AESC			
172	AC	RUNIC LETTER LONG-BRANCH-OSS O			
173	AD	RUNIC LETTER SHORT-TWIG-OSS O			
174	AE	RUNIC LETTER O			
175	AF	RUNIC LETTER OE			
176	B0	RUNIC LETTER ON			
177	B1	RUNIC LETTER RAIDO RAD REID R			
178	B2	RUNIC LETTER KAUNA			
179	B3	RUNIC LETTER CEN			
180	B4	RUNIC LETTER KAUN K			
181	B5	RUNIC LETTER G			
182	B6	RUNIC LETTER ENG			
183	B7	RUNIC LETTER GEBO GYFU G			
184	B8	RUNIC LETTER GAR			
185	B9	RUNIC LETTER WUNJO WYNN W			
186	BA	RUNIC LETTER HAGLAZ H			
187	BB	RUNIC LETTER HAEGH H			
188	BC	RUNIC LETTER LONG-BRANCH-HAGALL H			
189	BD	RUNIC LETTER SHORT-TWIG-HAGALL H			
190	BE	RUNIC LETTER NAUDIZ NYD NAUD N			
191	BF	RUNIC LETTER SHORT-TWIG-NAUD N			
192	C0	RUNIC LETTER DOTTED-N			
193	C1	RUNIC LETTER ISAZ IS ISS I			
194	C2	RUNIC LETTER E			
195	C3	RUNIC LETTER JERAN J			
196	C4	RUNIC LETTER GER			
197	C5	RUNIC LETTER LONG-BRANCH-AR AE			
198	C6	RUNIC LETTER SHORT-TWIG-AR A			
199	C7	RUNIC LETTER IWAZ EOH			
200	C8	RUNIC LETTER PERTHO PEORTH P			
201	C9	RUNIC LETTER ALGIZ EOLHX			
202	CA	RUNIC LETTER SOWILO S			
203	CB	RUNIC LETTER SIGEL LONG-BRANCH-SOL S			
204	CC	RUNIC LETTER SHORT-TWIG-SOL S			
205	CD	RUNIC LETTER C			
206	CE	RUNIC LETTER Z			
207	CF	RUNIC LETTER TIWAZ TIR TYR T			
208	D0	RUNIC LETTER SHORT-TWIG-TYR T			
209	D1	RUNIC LETTER D			
210	D2	RUNIC LETTER BERKANAN BEORC BJARKAN B			
211	D3	RUNIC LETTER SHORT-TWIG-BJARKAN B			
212	D4	RUNIC LETTER DOTTED-P			
213	D5	RUNIC LETTER OPEN-P			
214	D6	RUNIC LETTER EHWAZ EH E			
215	D7	RUNIC LETTER MANNAZ MAN M			
216	D8	RUNIC LETTER LONG-BRANCH-MADR M			
217	D9	RUNIC LETTER SHORT-TWIG-MADR M			
218	DA	RUNIC LETTER LAUKAZ LAGU LOGR L			
219	DB	RUNIC LETTER DOTTED-L			
220	DC	RUNIC LETTER INGVAZ			
221	DD	RUNIC LETTER ING			
222	DE	RUNIC LETTER DAGAZ DAEG D			
223	DF	RUNIC LETTER OTHALAN ETHEL O			
224	E0	RUNIC LETTER EAR			
225	E1	RUNIC LETTER IOR			
226	E2	RUNIC LETTER CWEORTH			
227	E3	RUNIC LETTER CALC			
228	E4	RUNIC LETTER CEALC			
229	E5	RUNIC LETTER STAN			
230	E6	RUNIC LETTER LONG-BRANCH-YR			
231	E7	RUNIC LETTER SHORT-TWIG-YR			
232	E8	RUNIC LETTER ICELANDIC-YR			
233	E9	RUNIC LETTER Q			
234	EA	RUNIC LETTER X			
235	EB	RUNIC SINGLE PUNCTUATION			
236	EC	RUNIC MULTIPLE PUNCTUATION			
237	ED	RUNIC CROSS PUNCTUATION			
238	EE	RUNIC ARLAUG SYMBOL (golden number 17)			
239	EF	RUNIC TVIMADUR SYMBOL (golden number 18)			
240	F0	RUNIC BELGTHOR SYMBOL (golden number 19)			
241	F1	(This position shall not be used)			
242	F2	(This position shall not be used)			
243	F3	(This position shall not be used)			
244	F4	(This position shall not be used)			
245	F5	(This position shall not be used)			
246	F6	(This position shall not be used)			
247	F7	(This position shall not be used)			
248	F8	(This position shall not be used)			

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Page 700, Annex A

In the list of collection numbers and names, after 75 CHEROKEE (see Amendment 12) insert a new line as follows:

83 RUNIC 16A0-16FF

Page 738, Annex E

After the entry 2765 ROTATED HEAVY BLACK HEART BULLET insert new entries, as shown below:

16EE RUNIC ARLAUG SYMBOL
 16F0 RUNIC BELGTHOR SYMBOL
 16ED RUNIC CROSS PUNCTUATION
 16AA RUNIC LETTER AC A
 16AB RUNIC LETTER AESC
 16C9 RUNIC LETTER ALGIZ EOLHX
 16A8 RUNIC LETTER ANSUZ A
 16D2 RUNIC LETTER BERKANAN BEORC BJARKAN B
 16CD RUNIC LETTER C
 16E3 RUNIC LETTER CALC
 16E4 RUNIC LETTER CEALC
 16B3 RUNIC LETTER CEN
 16E2 RUNIC LETTER CWEORTH
 16D1 RUNIC LETTER D
 16DE RUNIC LETTER DAGAZ DAEG D
 16DB RUNIC LETTER DOTTED-L
 16C0 RUNIC LETTER DOTTED-N
 16D4 RUNIC LETTER DOTTED-P
 16C2 RUNIC LETTER E
 16E0 RUNIC LETTER EAR
 16D6 RUNIC LETTER EHWAZ EH E
 16B6 RUNIC LETTER ENG
 16A7 RUNIC LETTER ETH
 16A0 RUNIC LETTER FEHU FEON FE F
 16B5 RUNIC LETTER G
 16B8 RUNIC LETTER GAR
 16B7 RUNIC LETTER GEBO GYFU G
 16C4 RUNIC LETTER GER
 16BB RUNIC LETTER HAEG L H
 16BA RUNIC LETTER HAGLAZ H
 16E8 RUNIC LETTER ICELANDIC-YR
 16DD RUNIC LETTER ING
 16DC RUNIC LETTER INGWAZ
 16E1 RUNIC LETTER IOR
 16C1 RUNIC LETTER ISAZ IS ISS I
 16C7 RUNIC LETTER IWAZ EOH
 16C3 RUNIC LETTER JERAN J
 16B4 RUNIC LETTER KAUN K
 16B2 RUNIC LETTER KAUNA
 16DA RUNIC LETTER LAUKAZ LAGU LOGR L
 16C5 RUNIC LETTER LONG-BRANCH-AR AE
 16BC RUNIC LETTER LONG-BRANCH-HAGALL H
 16D8 RUNIC LETTER LONG-BRANCH-MADR M
 16AC RUNIC LETTER LONG-BRANCH-OSS O
 16E6 RUNIC LETTER LONG-BRANCH-YR
 16D7 RUNIC LETTER MANNAZ MAN M
 16BE RUNIC LETTER NAUDIZ NYD NAUD N
 16AE RUNIC LETTER O
 16AF RUNIC LETTER OE
 16B0 RUNIC LETTER ON
 16D5 RUNIC LETTER OPEN-P
 16A9 RUNIC LETTER OS O
 16DF RUNIC LETTER OTHALAN ETHEL O
 16C8 RUNIC LETTER PERTHO PEORTH P
 16E9 RUNIC LETTER Q
 16B1 RUNIC LETTER RAIDO RAD REID R
 16C6 RUNIC LETTER SHORT-TWIG-AR A
 16D3 RUNIC LETTER SHORT-TWIG-BJARKAN B
 16BD RUNIC LETTER SHORT-TWIG-HAGALL H
 16D9 RUNIC LETTER SHORT-TWIG-MADR M
 16BF RUNIC LETTER SHORT-TWIG-NAUD N
 16AD RUNIC LETTER SHORT-TWIG-OSS O
 16CC RUNIC LETTER SHORT-TWIG-SOL S
 16D0 RUNIC LETTER SHORT-TWIG-TYR T
 16E7 RUNIC LETTER SHORT-TWIG-YR
 16CB RUNIC LETTER SIGEL LONG-BRANCH-SOL S

16CA RUNIC LETTER SOWILO S
 16E5 RUNIC LETTER STAN
 16A6 RUNIC LETTER THURISAZ THURS THORN
 16CF RUNIC LETTER TIWAZ TIR TYR T
 16A2 RUNIC LETTER URUZ UR U
 16A1 RUNIC LETTER V
 16A5 RUNIC LETTER W
 16B9 RUNIC LETTER WUNJO WYNN W
 16EA RUNIC LETTER X
 16A4 RUNIC LETTER Y
 16A3 RUNIC LETTER YR
 16CE RUNIC LETTER Z
 16EC RUNIC MULTIPLE PUNCTUATION
 16EB RUNIC SINGLE PUNCTUATION
 16EF RUNIC TVIMADUR SYMBOL

Page 754, Annex N

Delete the entry

- Runic