

INTERNATIONAL
STANDARD

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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

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 INGWAZ | | | |
| 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) | | | |

Group 00

Plane 00

Row 16

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

