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**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»*



## 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 | <br>160   | <br>176   | <br>192   | <br>208   | <br>224   | <br>240 |
| 1 | <br>161   | <br>177   | <br>193   | <br>209   | <br>225   |                                                                                            |
| 2 | <br>162   | <br>178   | <br>194   | <br>210   | <br>226   |                                                                                            |
| 3 | <br>163   | <br>179   | <br>195   | <br>211   | <br>227   |                                                                                            |
| 4 | <br>164   | <br>180   | <br>196   | <br>212   | <br>228   |                                                                                            |
| 5 | <br>165   | <br>181   | <br>197   | <br>213   | <br>229   |                                                                                            |
| 6 | <br>166  | <br>182  | <br>198  | <br>214  | <br>230  |                                                                                            |
| 7 | <br>167 | <br>183 | <br>199 | <br>215 | <br>231 |                                                                                            |
| 8 | <br>168 | <br>184 | <br>200 | <br>216 | <br>232 |                                                                                            |
| 9 | <br>169 | <br>185 | <br>201 | <br>217 | <br>233 |                                                                                            |
| A | <br>170 | <br>186 | <br>202 | <br>218 | <br>234 |                                                                                            |
| B | <br>171 | <br>187 | <br>203 | <br>219 | <br>235 |                                                                                            |
| C | <br>172 | <br>188 | <br>204 | <br>220 | <br>236 |                                                                                            |
| D | <br>173 | <br>189 | <br>205 | <br>221 | <br>237 |                                                                                            |
| E | <br>174 | <br>190 | <br>206 | <br>222 | <br>238 |                                                                                            |
| F | <br>175 | <br>191 | <br>207 | <br>223 | <br>239 |                                                                                            |

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 FEHO FE F  
 16B5 RUNIC LETTER G  
 16B8 RUNIC LETTER GAR  
 16B7 RUNIC LETTER GEBO GYFU G  
 16C4 RUNIC LETTER GER  
 16BB RUNIC LETTER HAEGL 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