

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 to encode additional enclosed Latin alphabetic characters to the UCS

**Source:** Irish and German National Bodies

**Status:** Member Body Contribution

**Action:** For consideration by JTC1/SC2/WG2 and UTC

**Date:** 2009-09-16

This document requests that the set of enclosed Latin characters in the Enclosed Alphanumeric Supplement block between 1F130..1F149, 1F150..1F169, and 1F170..1F189 be encoded completely and comprehensively. It is clear from the configuration in the code table what characters are intended to fill in the empty spaces, and it is clear that no other characters are expected to be encoded there.

A complete set of examples illustrating each and every one of the characters proposed is not given here, but a sampling should suffice to indicate that the use of these particular characters is widespread and dynamic. A number of annotations can already be given for some of these characters, as listed below.

In addition to filling out the sets of squared Latin letters, negative circled Latin letters, and negative squared Latin letters, this proposal requests three squared double letters, two which are used to indicate public toilets (WC) and one which indicates the blood type (AB).

In the list here, the characters proposed for addition to the standard are given in plain type; those which are currently on the PDAM 8 ballot are shown in *italics*; currently encoded characters are shown in **bold**. The spelling of two informative notes should be changed; these are underscored.

- 1F130 SQUARED LATIN CAPITAL LETTER A  
= Anreisetag (day of arrival)  
≈ <square> 0041 A
- **1F131 SQUARED LATIN CAPITAL LETTER B**  
= bank  
= b-mode stereo compression broadcasting service (ARIB STD B24)  
≈ <square> 0042 B
- 1F132 SQUARED LATIN CAPITAL LETTER C  
≈ <square> 0043 C
- 1F133 SQUARED LATIN CAPITAL LETTER D  
≈ <square> 0044 D
- 1F134 SQUARED LATIN CAPITAL LETTER E  
≈ <square> 0045 E
- 1F135 SQUARED LATIN CAPITAL LETTER F  
≈ <square> 0046 F
- 1F136 SQUARED LATIN CAPITAL LETTER G  
≈ <square> 0047 G
- 1F137 SQUARED LATIN CAPITAL LETTER H  
≈ <square> 0048 H

- 1F138 SQUARED LATIN CAPITAL LETTER I  
≈ <square> 0049 I
- 1F139 SQUARED LATIN CAPITAL LETTER J  
≈ <square> 004A J
- 1F13A SQUARED LATIN CAPITAL LETTER K  
≈ <square> 004B K
- 1F13B SQUARED LATIN CAPITAL LETTER L  
≈ <square> 004C L
- 1F13C SQUARED LATIN CAPITAL LETTER M  
≈ <square> 004D M
- **1F13D SQUARED LATIN CAPITAL LETTER N**  
= news (ARIB STD B24)  
≈ <square> 004E N
- 1F13E SQUARED LATIN CAPITAL LETTER O  
≈ <square> 004F O
- **1F13F SQUARED LATIN CAPITAL LETTER P**  
= progressive broadcasting (ARIB STD B24)  
≈ <square> 0050 P
- 1F140 SQUARED LATIN CAPITAL LETTER Q  
≈ <square> 0051 Q
- 1F141 SQUARED LATIN CAPITAL LETTER R  
≈ <square> 0052 R
- **1F142 SQUARED LATIN CAPITAL LETTER S**  
= stereo broadcasting service (ARIB STD B24)  
≈ <square> 0053 S
- 1F143 SQUARED LATIN CAPITAL LETTER T  
= tobacconist  
≈ <square> 0054 T
- 1F144 SQUARED LATIN CAPITAL LETTER U  
≈ <square> 0055 U
- 1F145 SQUARED LATIN CAPITAL LETTER V  
≈ <square> 0056 V
- **1F146 SQUARED LATIN CAPITAL LETTER W**  
= wide-format 16:9 broadcasting service (ARIB STD B24)  
≈ <square> 0057 W
- 1F147 SQUARED LATIN CAPITAL LETTER X  
≈ <square> 0058 X
- 1F148 SQUARED LATIN CAPITAL LETTER Y  
≈ <square> 0059 Y
- 1F149 SQUARED LATIN CAPITAL LETTER Z  
≈ <square> 005A Z
- **1F14A SQUARED HV**  
= hdtv  
≈ <square> 0048 H 0056 V
- **1F14B SQUARED MV**  
= multi-view television  
≈ <square> 004D M 0056 V
- **1F14C SQUARED SD**  
= sdtv  
≈ <square> 0053 S 0044 D
- **1F14D SQUARED SS**  
= surround stereo broadcasting service  
≈ <square> 0053 S 0053 S

- **1F14E SQUARED PPV**  
= pay-per-view  
≈ <square> 0050 P 0050 P 0056 V
- **1F14F SQUARED WC**  
= public toilet  
≈ <square> 0057 W 0043 C
- **1F150 NEGATIVE CIRCLED LATIN CAPITAL LETTER A**  
= airport
- **1F151 NEGATIVE CIRCLED LATIN CAPITAL LETTER B**
- **1F152 NEGATIVE CIRCLED LATIN CAPITAL LETTER C**
- **1F153 NEGATIVE CIRCLED LATIN CAPITAL LETTER D**
- **1F154 NEGATIVE CIRCLED LATIN CAPITAL LETTER E**
- **1F155 NEGATIVE CIRCLED LATIN CAPITAL LETTER F**  
= ferry
- **1F156 NEGATIVE CIRCLED LATIN CAPITAL LETTER G**
- **1F157 NEGATIVE CIRCLED LATIN CAPITAL LETTER H**  
= hotel (ARIB STD B24)
- **1F158 NEGATIVE CIRCLED LATIN CAPITAL LETTER I**
- **1F159 NEGATIVE CIRCLED LATIN CAPITAL LETTER J**
- **1F15A NEGATIVE CIRCLED LATIN CAPITAL LETTER K**  
= Kurort (spa)
- **1F15B NEGATIVE CIRCLED LATIN CAPITAL LETTER L**  
= light rail
- **1F15C NEGATIVE CIRCLED LATIN CAPITAL LETTER M**  
= metro
- **1F15D NEGATIVE CIRCLED LATIN CAPITAL LETTER N**
- **1F15E NEGATIVE CIRCLED LATIN CAPITAL LETTER O**
- **1F15F NEGATIVE CIRCLED LATIN CAPITAL LETTER P**  
= parking space (ARIB STD B24)
- **1F160 NEGATIVE CIRCLED LATIN CAPITAL LETTER Q**
- **1F161 NEGATIVE CIRCLED LATIN CAPITAL LETTER R**  
= Raststätte (rest stop)
- **1F162 NEGATIVE CIRCLED LATIN CAPITAL LETTER S**  
= Stadtbahn (metropolitan railway)
- **1F163 NEGATIVE CIRCLED LATIN CAPITAL LETTER T**  
= Tankstelle (petrol station)
- **1F164 NEGATIVE CIRCLED LATIN CAPITAL LETTER U**  
= underground rail
- **1F165 NEGATIVE CIRCLED LATIN CAPITAL LETTER V**
- **1F166 NEGATIVE CIRCLED LATIN CAPITAL LETTER W**
- **1F167 NEGATIVE CIRCLED LATIN CAPITAL LETTER X**
- **1F168 NEGATIVE CIRCLED LATIN CAPITAL LETTER Y**
- **1F169 NEGATIVE CIRCLED LATIN CAPITAL LETTER Z**
- ***1F170 NEGATIVE SQUARED LATIN CAPITAL LETTER A***  
= blood type A  
= e-50B
- ***1F171 NEGATIVE SQUARED LATIN CAPITAL LETTER B***  
= blood type B  
= e-50C
- **1F172 NEGATIVE SQUARED LATIN CAPITAL LETTER C**  
= centre, city centre
- **1F173 NEGATIVE SQUARED LATIN CAPITAL LETTER D**
- **1F174 NEGATIVE SQUARED LATIN CAPITAL LETTER E**

- 1F175 NEGATIVE SQUARED LATIN CAPITAL LETTER F  
= Feuerwache (fire department)
- 1F176 NEGATIVE SQUARED LATIN CAPITAL LETTER G
- 1F177 NEGATIVE SQUARED LATIN CAPITAL LETTER H  
= hospital  
= Haltstelle (halting place)
- 1F178 NEGATIVE SQUARED LATIN CAPITAL LETTER I
- **1F179 NEGATIVE SQUARED LATIN CAPITAL LETTER J**  
= junction (ARIB STD B24)
- 1F17A NEGATIVE SQUARED LATIN CAPITAL LETTER K
- **1F17B NEGATIVE SQUARED LATIN CAPITAL LETTER L**  
= leisure centre (ARIB STD B24)
- **1F17C NEGATIVE SQUARED LATIN CAPITAL LETTER M**  
= museum, cultural centre (ARIB STD B24)
- 1F17D NEGATIVE SQUARED LATIN CAPITAL LETTER N
- *1F17E NEGATIVE SQUARED LATIN CAPITAL LETTER O*  
= blood type O  
= e-50E
- **1F17F NEGATIVE SQUARED LATIN CAPITAL LETTER P**  
= parking space empty-full (ARIB STD B24)
- 1F180 NEGATIVE SQUARED LATIN CAPITAL LETTER Q
- 1F181 NEGATIVE SQUARED LATIN CAPITAL LETTER R
- 1F182 NEGATIVE SQUARED LATIN CAPITAL LETTER S
- 1F183 NEGATIVE SQUARED LATIN CAPITAL LETTER T
- 1F184 NEGATIVE SQUARED LATIN CAPITAL LETTER U
- 1F185 NEGATIVE SQUARED LATIN CAPITAL LETTER V
- 1F186 NEGATIVE SQUARED LATIN CAPITAL LETTER W
- 1F187 NEGATIVE SQUARED LATIN CAPITAL LETTER X
- 1F188 NEGATIVE SQUARED LATIN CAPITAL LETTER Y
- 1F189 NEGATIVE SQUARED LATIN CAPITAL LETTER Z
- **1F18A CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P**  
= parking space closed
- **1F18B NEGATIVE SQUARED IC**  
= interchange, ramp
- **1F18C NEGATIVE SQUARED PA**  
= parking area
- **1F18D NEGATIVE SQUARED SA**  
= service area
- *1F18E NEGATIVE SQUARED AB*  
= blood type AB  
= e-50D
- 1F18F NEGATIVE SQUARED WC  
= public toilet

The code table corresponding to this comments is attached below.

	1F10	1F11	1F12	1F13	1F14	1F15	1F16	1F17	1F18	1F19	1F1A	1F1B	1F1C	1F1D	1F1E	1F1F
0	0. 1F100	(A) 1F110	(Q) 1F120	<b>A</b> 1F130	<b>Q</b> 1F140	<b>A</b> 1F150	<b>Q</b> 1F160	<b>A</b> 1F170	<b>Q</b> 1F180	DJ 1F190						
1	0, 1F101	(B) 1F111	(R) 1F121	<b>B</b> 1F131	<b>R</b> 1F141	<b>B</b> 1F151	<b>R</b> 1F161	<b>B</b> 1F171	<b>R</b> 1F181							
2	1, 1F102	(C) 1F112	(S) 1F122	<b>C</b> 1F132	<b>S</b> 1F142	<b>C</b> 1F152	<b>S</b> 1F162	<b>C</b> 1F172	<b>S</b> 1F182							
3	2, 1F103	(D) 1F113	(T) 1F123	<b>D</b> 1F133	<b>T</b> 1F143	<b>D</b> 1F153	<b>T</b> 1F163	<b>D</b> 1F173	<b>T</b> 1F183							
4	3, 1F104	(E) 1F114	(U) 1F124	<b>E</b> 1F134	<b>U</b> 1F144	<b>E</b> 1F154	<b>U</b> 1F164	<b>E</b> 1F174	<b>U</b> 1F184							
5	4, 1F105	(F) 1F115	(V) 1F125	<b>F</b> 1F135	<b>V</b> 1F145	<b>F</b> 1F155	<b>V</b> 1F165	<b>F</b> 1F175	<b>V</b> 1F185							
6	5, 1F106	(G) 1F116	(W) 1F126	<b>G</b> 1F136	<b>W</b> 1F146	<b>G</b> 1F156	<b>W</b> 1F166	<b>G</b> 1F176	<b>W</b> 1F186							
7	6, 1F107	(H) 1F117	(X) 1F127	<b>H</b> 1F137	<b>X</b> 1F147	<b>H</b> 1F157	<b>X</b> 1F167	<b>H</b> 1F177	<b>X</b> 1F187							
8	7, 1F108	(I) 1F118	(Y) 1F128	<b>I</b> 1F138	<b>Y</b> 1F148	<b>I</b> 1F158	<b>Y</b> 1F168	<b>I</b> 1F178	<b>Y</b> 1F188							
9	8, 1F109	(J) 1F119	(Z) 1F129	<b>J</b> 1F139	<b>Z</b> 1F149	<b>J</b> 1F159	<b>Z</b> 1F169	<b>J</b> 1F179	<b>Z</b> 1F189							
A	9, 1F10A	(K) 1F11A	(S) 1F12A	<b>K</b> 1F13A	HV 1F14A	<b>K</b> 1F15A		<b>K</b> 1F17A	<b>R</b> 1F18A							
B		(L) 1F11B	(C) 1F12B	<b>L</b> 1F13B	MV 1F14B	<b>L</b> 1F15B		<b>L</b> 1F17B	<b>IC</b> 1F18B							
C		(M) 1F11C	(R) 1F12C	<b>M</b> 1F13C	SD 1F14C	<b>M</b> 1F15C		<b>M</b> 1F17C	<b>PA</b> 1F18C							
D		(N) 1F11D	(CD) 1F12D	<b>N</b> 1F13D	SS 1F14D	<b>N</b> 1F15D		<b>N</b> 1F17D	<b>SA</b> 1F18D							
E		(O) 1F11E	(Wz) 1F12E	<b>O</b> 1F13E	PPV 1F14E	<b>O</b> 1F15E		<b>O</b> 1F17E	<b>AB</b> 1F18E							
F		(P) 1F11F		<b>P</b> 1F13F	WC 1F14F	<b>P</b> 1F15F		<b>P</b> 1F17F	<b>WC</b> 1F18F							

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**Number with full stop**

1F100 **O**, DIGIT ZERO FULL STOP  
 ≈ 0030 **O** 002E .

**Numbers with comma**

1F101 **0**, DIGIT ZERO COMMA  
 ≈ 0030 **0** 002C ,

1F102 **1**, DIGIT ONE COMMA  
 ≈ 0031 **1** 002C ,

1F103 **2**, DIGIT TWO COMMA  
 ≈ 0032 **2** 002C ,

1F104 **3**, DIGIT THREE COMMA  
 ≈ 0033 **3** 002C ,

1F105 **4**, DIGIT FOUR COMMA  
 ≈ 0034 **4** 002C ,

1F106 **5**, DIGIT FIVE COMMA  
 ≈ 0035 **5** 002C ,

1F107 **6**, DIGIT SIX COMMA  
 ≈ 0036 **6** 002C ,

1F108 **7**, DIGIT SEVEN COMMA  
 ≈ 0037 **7** 002C ,

1F109 **8**, DIGIT EIGHT COMMA  
 ≈ 0038 **8** 002C ,

1F10A **9**, DIGIT NINE COMMA  
 ≈ 0039 **9** 002C ,

**Parenthesized Latin letters**

1F110 **(A)** PARENTHESIZED LATIN CAPITAL LETTER A  
 ≈ 0028 ( 0041 **A** 0029 )

1F111 **(B)** PARENTHESIZED LATIN CAPITAL LETTER B  
 ≈ 0028 ( 0042 **B** 0029 )

1F112 **(C)** PARENTHESIZED LATIN CAPITAL LETTER C  
 ≈ 0028 ( 0043 **C** 0029 )

1F113 **(D)** PARENTHESIZED LATIN CAPITAL LETTER D  
 ≈ 0028 ( 0044 **D** 0029 )

1F114 **(E)** PARENTHESIZED LATIN CAPITAL LETTER E  
 ≈ 0028 ( 0045 **E** 0029 )

1F115 **(F)** PARENTHESIZED LATIN CAPITAL LETTER F  
 ≈ 0028 ( 0046 **F** 0029 )

1F116 **(G)** PARENTHESIZED LATIN CAPITAL LETTER G  
 ≈ 0028 ( 0047 **G** 0029 )

1F117 **(H)** PARENTHESIZED LATIN CAPITAL LETTER H  
 ≈ 0028 ( 0048 **H** 0029 )

1F118 **(I)** PARENTHESIZED LATIN CAPITAL LETTER I  
 ≈ 0028 ( 0049 **I** 0029 )

1F119 **(J)** PARENTHESIZED LATIN CAPITAL LETTER J  
 ≈ 0028 ( 004A **J** 0029 )

1F11A **(K)** PARENTHESIZED LATIN CAPITAL LETTER K  
 ≈ 0028 ( 004B **K** 0029 )

1F11B **(L)** PARENTHESIZED LATIN CAPITAL LETTER L  
 ≈ 0028 ( 004C **L** 0029 )

1F11C **(M)** PARENTHESIZED LATIN CAPITAL LETTER M  
 ≈ 0028 ( 004D **M** 0029 )

1F11D **(N)** PARENTHESIZED LATIN CAPITAL LETTER N  
 ≈ 0028 ( 004E **N** 0029 )

1F11E **(O)** PARENTHESIZED LATIN CAPITAL LETTER O  
 ≈ 0028 ( 004F **O** 0029 )

1F11F **(P)** PARENTHESIZED LATIN CAPITAL LETTER P  
 ≈ 0028 ( 0050 **P** 0029 )

1F120 **(Q)** PARENTHESIZED LATIN CAPITAL LETTER Q  
 ≈ 0028 ( 0051 **Q** 0029 )

1F121 **(R)** PARENTHESIZED LATIN CAPITAL LETTER R  
 ≈ 0028 ( 0052 **R** 0029 )

1F122 **(S)** PARENTHESIZED LATIN CAPITAL LETTER S  
 ≈ 0028 ( 0053 **S** 0029 )

1F123 **(T)** PARENTHESIZED LATIN CAPITAL LETTER T  
 ≈ 0028 ( 0054 **T** 0029 )

1F124 **(U)** PARENTHESIZED LATIN CAPITAL LETTER U  
 ≈ 0028 ( 0055 **U** 0029 )

1F125 **(V)** PARENTHESIZED LATIN CAPITAL LETTER V  
 ≈ 0028 ( 0056 **V** 0029 )

1F126 **(W)** PARENTHESIZED LATIN CAPITAL LETTER W  
 ≈ 0028 ( 0057 **W** 0029 )

1F127 **(X)** PARENTHESIZED LATIN CAPITAL LETTER X  
 ≈ 0028 ( 0058 **X** 0029 )

1F128 **(Y)** PARENTHESIZED LATIN CAPITAL LETTER Y  
 ≈ 0028 ( 0059 **Y** 0029 )

1F129 **(Z)** PARENTHESIZED LATIN CAPITAL LETTER Z  
 ≈ 0028 ( 005A **Z** 0029 )

**Latin letter with tortoise shell brackets**

1F12A **(S)** TORTOISE SHELL BRACKETED LATIN CAPITAL LETTER S  
 = baseball scoring  
 ≈ 3014 { 0053 **S** 3015 }

**Circled italic Latin letters**

1F12B **(C)** CIRCLED ITALIC LATIN CAPITAL LETTER C  
 = compact disc or single disc record  
 ≈ <circle> 0043 **C**

1F12C **(R)** CIRCLED ITALIC LATIN CAPITAL LETTER R  
 = disc record  
 ≈ <circle> 0052 **R**

**Circled Latin letters**

1F12D **(CD)** CIRCLED CD  
 → 33C5 cd square cd  
 ≈ <circle> 0043 **C** 0044 **D**

1F12E **(WZ)** CIRCLED WZ  
 • from the German term “Warenzeichen”  
 • indicates a trademarked term without making a legal claim of trademark status  
 ≈ <circle> 0057 **W** 007A **Z**

**Squared Latin letters**

1F130 **(A)** SQUARED LATIN CAPITAL LETTER A  
 = Anreisetag (day of arrival)  
 ≈ <square> 0041 **A**

1F131 **(B)** SQUARED LATIN CAPITAL LETTER B  
 = b-mode stereo compression broadcasting service ARIB STD B24  
 = bank  
 ≈ <square> 0042 **B**

1F132 **(C)** SQUARED LATIN CAPITAL LETTER C  
 ≈ <square> 0043 **C**

1F133 **(D)** SQUARED LATIN CAPITAL LETTER D  
 ≈ <square> 0044 **D**

1F134 **(E)** SQUARED LATIN CAPITAL LETTER E  
 ≈ <square> 0045 **E**

1F135 **(F)** SQUARED LATIN CAPITAL LETTER F  
 ≈ <square> 0046 **F**

1F136 **(G)** SQUARED LATIN CAPITAL LETTER G  
 ≈ <square> 0047 **G**

1F137 **(H)** SQUARED LATIN CAPITAL LETTER H  
 ≈ <square> 0048 **H**

1F138 **(I)** SQUARED LATIN CAPITAL LETTER I  
 ≈ <square> 0049 **I**

1F139	<b>J</b>	SQUARED LATIN CAPITAL LETTER J ≈ <square> 004A J
1F13A	<b>K</b>	SQUARED LATIN CAPITAL LETTER K ≈ <square> 004B K
1F13B	<b>L</b>	SQUARED LATIN CAPITAL LETTER L ≈ <square> 004C L
1F13C	<b>M</b>	SQUARED LATIN CAPITAL LETTER M ≈ <square> 004D M
1F13D	<b>N</b>	SQUARED LATIN CAPITAL LETTER N = news ARIB STD B24 ≈ <square> 004E N
1F13E	<b>O</b>	SQUARED LATIN CAPITAL LETTER O ≈ <square> 004F O
1F13F	<b>P</b>	SQUARED LATIN CAPITAL LETTER P = progressive broadcasting ARIB STD B24 ≈ <square> 0050 P
1F140	<b>Q</b>	SQUARED LATIN CAPITAL LETTER Q ≈ <square> 0051 Q
1F141	<b>R</b>	SQUARED LATIN CAPITAL LETTER R ≈ <square> 0052 R
1F142	<b>S</b>	SQUARED LATIN CAPITAL LETTER S = stereo broadcasting service ARIB STD B24 ≈ <square> 0053 S
1F143	<b>T</b>	SQUARED LATIN CAPITAL LETTER T = tobacconist ≈ <square> 0054 T
1F144	<b>U</b>	SQUARED LATIN CAPITAL LETTER U ≈ <square> 0055 U
1F145	<b>V</b>	SQUARED LATIN CAPITAL LETTER V ≈ <square> 0056 V
1F146	<b>W</b>	SQUARED LATIN CAPITAL LETTER W = wide-format 16:9 broadcasting service ARIB STD B24 ≈ <square> 0057 W
1F147	<b>X</b>	SQUARED LATIN CAPITAL LETTER X ≈ <square> 0058 X
1F148	<b>Y</b>	SQUARED LATIN CAPITAL LETTER Y ≈ <square> 0059 Y
1F149	<b>Z</b>	SQUARED LATIN CAPITAL LETTER Z ≈ <square> 005A Z
1F14A	<b>HV</b>	SQUARED HV = hdtv ≈ <square> 0048 H 0056 V
1F14B	<b>MV</b>	SQUARED MV = multi-view television ≈ <square> 004D M 0056 V
1F14C	<b>SD</b>	SQUARED SD = sdtv ≈ <square> 0053 S 0044 D
1F14D	<b>SS</b>	SQUARED SS = surround stereo broadcasting service ≈ <square> 0053 S 0053 S
1F14E	<b>PPV</b>	SQUARED PPV = pay-per-view ≈ <square> 0050 P 0050 P 0056 V
1F14F	<b>WC</b>	SQUARE WC = water closet, public toilet ≈ <square> 0057 W 0043 C

### Negative circled Latin letters

1F150	<b>A</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER A = airport
1F151	<b>B</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER B
1F152	<b>C</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER C
1F153	<b>D</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER D

1F154	<b>E</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER E
1F155	<b>F</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER F = ferry
1F156	<b>G</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER G
1F157	<b>H</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER H = hotel ARIB STD B24
1F158	<b>I</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER I
1F159	<b>J</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER J
1F15A	<b>K</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER K = Kurort (spa)
1F15B	<b>L</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER L = light rail
1F15C	<b>M</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER M = metro
1F15D	<b>N</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER N
1F15E	<b>O</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER O
1F15F	<b>P</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER P = parking space ARIB STD B24
1F160	<b>Q</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Q
1F161	<b>R</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER R = Raststätte (rest stop)
1F162	<b>S</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER S = Stadtbahn (metropolitan railway)
1F163	<b>T</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER T = Tankstelle (petrol station)
1F164	<b>U</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER U = underground rail
1F165	<b>V</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER V
1F166	<b>W</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER W
1F167	<b>X</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER X
1F168	<b>Y</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Y
1F169	<b>Z</b>	NEGATIVE CIRCLED LATIN CAPITAL LETTER Z

### Negative squared Latin letters

*The square edges may be slightly rounded.*

1F170	<b>A</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER A = blood type A
1F171	<b>B</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER B = blood type B
1F172	<b>C</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER C = city centre, town centre
1F173	<b>D</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER D
1F174	<b>E</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER E
1F175	<b>F</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER F = Feuerwache (fire department)
1F176	<b>G</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER G
1F177	<b>H</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER H = Haltstelle (halting place)
1F178	<b>I</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER I
1F179	<b>J</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER J = junction ARIB STD B24
1F17A	<b>K</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER K
1F17B	<b>L</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER L = leisure centre ARIB STD B24
1F17C	<b>M</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER M = museum or cultural centre ARIB STD B24
1F17D	<b>N</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER N
1F17E	<b>O</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER O = blood type O

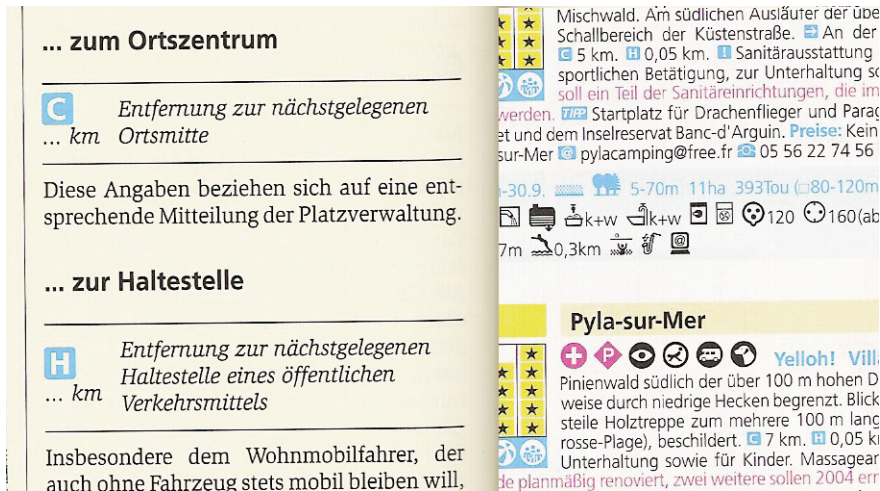
1F17F	<b>P</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER P = parking space empty-full ARIB STD B24
1F180	<b>Q</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER Q
1F181	<b>R</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER R
1F182	<b>S</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER S
1F183	<b>T</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER T
1F184	<b>U</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER U
1F185	<b>V</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER V
1F186	<b>W</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER W
1F187	<b>X</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER X
1F188	<b>Y</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER Y
1F189	<b>Z</b>	NEGATIVE SQUARED LATIN CAPITAL LETTER Z
1F18A	<b>P</b>	CROSSED NEGATIVE SQUARED LATIN CAPITAL LETTER P = parking space closed
1F18B	<b>IC</b>	NEGATIVE SQUARED IC = interchange or ramp
1F18C	<b>PA</b>	NEGATIVE SQUARED PA = parking area
1F18D	<b>SA</b>	NEGATIVE SQUARED SA = service area
1F18E	<b>AB</b>	NEGATIVE SQUARED AB = blood type AB
1F18F	<b>WC</b>	NEGATIVE SQUARED WC = water closet, public toilet

### Square Latin letters

1F190	<b>DJ</b>	SQUARE DJ = disc jockey ≈ <square> 0044 D 004A J
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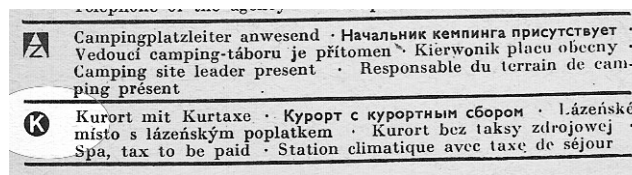
# Figures



NEGATIVE SQUARED LATIN CAPITAL LETTER C  
 NEGATIVE SQUARED LATIN CAPITAL LETTER H



NEGATIVE CIRCLED LATIN CAPITAL LETTER K  
 NEGATIVE SQUARED WC  
 SQUARED LATIN CAPITAL LETTER A



NEGATIVE CIRCLED LATIN CAPITAL LETTER K



NEGATIVE SQUARED WC

## A. Administrative

1. Title

**Proposal to encode additional enclosed Latin alphabetic characters to the UCS**

2. Requester's name

**Irish and German National Bodies**

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

**Member Body contribution.**

4. Submission date

**2009-09-16**

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

**Yes.**

6b. More information will be provided later

**No.**

## 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

**Enclosed Alphanumeric Supplement**

2. Number of characters in proposal

**66.**

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 A.**

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?

**No.**

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

**Yes, some.**

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)?

**No.**

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.)?

**No.**

2b. If YES, with whom?

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?

**General use.**

4a. The context of use for the proposed characters (type of use; common or rare)

**Common enough.**

4b. Reference

5a. Are the proposed characters in current use by the user community?

**Yes.**

5b. If YES, where?

**Worldwide in various contexts.**

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?