

ISO
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION

ISO/IEC JTC1/SC2/WG2
Universal Multiple-Octet Coded Character Set (UCS)

ISO/IEC JTC1/SC2/WG2 N 2029

Date: 1999-05-29

TITLE: Repertoire additions for ISO/IEC 10646-1 - Cumulative List No.9
SOURCE: Bruce Paterson, project editor
STATUS: Standing Document, replacing WG2 N 1936
ACTION: For review and confirmation by WG2
DISTRIBUTION: Members of JTC1/SC2/WG2

INTRODUCTION

This working paper contains the accumulated list of additions to the repertoire of ISO/IEC 10646-1 agreed by WG2, up to meeting no.36 (Fukuoka).

A summary of all allocations within the BMP is given in Annex 1.

A list of additional Collections, Blocks, and character tables is given in Annex 2.

All additions are assigned to a Character Category, in accordance with clause II of the document "Principles and Procedures for Allocation of New Characters and Scripts" WG2 N 1502.

The column Cat. in the table below shows the category (A to G) assigned by WG2.

An entry P in this column indicates that the characters are provisionally accepted by WG2.

<u>WG2</u> <u>mtg.res</u>	<u>Cat.</u>	<u>No of</u> <u>chars</u>	<u>Code</u> <u>position(s)</u>	<u>Character(s)</u>	<u>Source</u>	<u>Current</u> <u>doc. ref.</u>	<u>Ballot</u> <u>end date</u>
<u>NEW/EXTENDED SCRIPTS</u>							
27.14	A	11172	AC00-D7A3	Hangul syllables (revision)	N1158	AMD 5	-
28.2	A	31	0591-05AF +05C4	Hebrew cantillation marks	N1217	AMD 7	-
28.5	A	174	0F00-0FB9	Tibetan	N1238	AMD 6	-
31.4	A	346	1200-137F	Ethiopic	N1420	AMD10	-
31.6	A	623	1400-167F	Canadian Aboriginal Syllabics	N1441	AMD11	-
31.7	B1	85	13A0-13AF	Cherokee	N1172 & N1362	AMD12	-
32.14	A	6582	3400-4DBF	CJK Unified Ideograph Exten. A	N1423/24	AMD17	-
32.10	A	214	2F00-2FDF	Kang Xi radicals	N1182	FPDAM15	99-08
35.17	A	116	2E80-2EFF	CJK Unified Ideo. radicals supt.	N1869	"	"
33.14	A	256	2800-28FF	Braille patterns	N1612	AMD16	-
33.15	C	81	16A0-16FF	Runic	N1542	AMD19	-
33.16	D	29	1680-169F	Ogham	N1610	AMD20	-
33.18	A	1165	A000-A48F	Yi syllables	N1608	FDAM14	99-07?
33.18	A	57	A490-A4C8	Yi radicals	N1611	"	"
33.17	A	80	0D80-0D8F	Sinhala	N1613	AMD21	-
34.8	A	71	0700-074F	Syriac	N1718	FDAM27	99-07?

<u>WG2</u> <u>mtg.res</u>	<u>Cat.</u>	<u>No of</u> <u>chars</u>	<u>Code</u> <u>position(s)</u>	<u>Character(s)</u>	<u>Source</u>	<u>Current</u> <u>doc. ref.</u>	<u>Ballot</u> <u>end date</u>
<u>NEW/EXTENDED SCRIPTS (contd.)</u>							
34.9	A	49	0780-07BF	Thaana	N1699	FDAM24	99-07?
34.10	A	78	1700-177F	Myanmar (aka Burmese)	N1729	FDAM26	99-07?
34.11	A	103	1780-17FF	Khmer	N1729	FDAM25	99-07?
34.12	A	8	166F-1676	Canadian Aboriginal Syllabics	N1655	AMD23	-
34.12	A	24	31A0-31B7	Bopomofo (extension)	N1713R	AMD23	-
35.11	A	155	1800-18AF	Mongolian	N1878	FPDAM29	99-08
35.16	A	12	2FF0-FF	Ideographic descr. chars.	N1842R	FPDAM28	99-08
35.18	A	25	0F6A, 96, various AE-CF	Tibetan extension	N1756	FPDAM31	99-08
<u>ADDITIONS TO EXISTING TABLES (LATIN)</u>							
28.4	A	1	1E9B	LATIN SMALL LETTER LONG S WITH DOT ABOVE	N1132R	AMD 7	-
33.26	A	2	01F8, F9	LATIN**LETTERs N w. GRAVE	N1461	AMD18	-
33.21	A	4	01F6, F7 021C, 1D	LATIN CAP**s HWAIR, WYNN LATIN**LETTERs YOGH	N1547	"	-
33.24	A	4	0218-1B	LATIN**LETTERs S, T WITH COMMA BELOW	N1361	"	-
34.12	A	2	021E, 1F	LATIN**LETTERs H w. CARON	N1619	AMD23	-
35.12	A	23	0222-33, 02A9-AD	LATIN**LETTERs various	N1884R2	FPDAM30	99-08
<u>ADDITIONS TO EXISTING TABLES (CYRILLIC)</u>							
33.26	A	4	0400, 0D 0450, 5D	4 letters with GRAVE	N1323 N1407	AMD18	-
35.12	A	12	04xx	**LETTERs various, 2 SIGNs	N1884R2	FPDAM30	(above)
<u>ADDITIONS TO EXISTING TABLES (ARABIC)</u>							
33.25	A	9	06B8, B9 BF, CF, FA-FE	7 letters with dots, 2 signs (ISO 11822)	N1573	AMD18	-
35.6	A	3	0653-55	MADDAH, HAMZA above/below	N1718	FDAM27	(above)
<u>ADDITIONS TO EXISTING TABLES (OTHER)</u>							
33.22	A	1	058A	ARMENIAN HYPHEN	N1616	AMD18	-
33.26	A	1	FFFC	OBJECT REPLACEMENT CH.	N1626	"	-
33.26	A	1	FB1D	HEBREW LET* YOD W. HIRIQ	N1626	"	-
34.12	A	2	02EA, EB	YIN/YANG DEP'G TONE MARKs	N1713R	AMD23	-
35.12	A	3	202F, 2048, 49	NNBS, QEM, EQM (Mongolian)	N1878	FPDAM29	(above)
35.12	A	4	02DF, Ex	MODIFIER LETTERs	N1884R2	FPDAM30	(above)
35.12	A	10	0346-4E, 62	COMBINING diacriticals	N1884R2	"	"
35.12	A	5	03Dx, E1	GREEK**LETTERs & SYMBOL	N1884R2	"	"

<u>WG2</u> <u>mtg.res</u>	<u>Cat.</u>	<u>No of</u> <u>chars</u>	<u>Code</u> <u>position(s)</u>	<u>Character(s)</u>	<u>Source</u>	<u>Current</u> <u>doc. ref.</u>	<u>Ballot</u> <u>end date</u>
<u>NEW SYMBOLS (ADDITIONS TO EXISTING TABLES)</u>							
28.3	A	1	20AB	DONG SIGN	N1092R	AMD 7	-
32.11	A	3	3038-303A	HANGZHOU NUMERALS	N1182	FPDAM15	(above)
33.26	A	6	rows 21-26	Control characters(ISO 2047)	N1626	AMD18	-
33.27	A	36	rows 21-26	Keyboard layout (ISO 9995)	N1625	FDAM22	99-07?
33.26	A	8	238D-2394	Electrotechnical symbols	N1626	AMD18	-
33.26	A	1	2395	APL FUNCT'L SYMBOL QUAD	N1626	"	-
33.20	A	1	2396	Keyboard dec. sep. (ISO 9995)	N1625	FDAM22	(above)
33.23	A	1	20AC	EURO SIGN	N1566	AMD18	-
34.12	A	1	20AD	KIP SIGN	N1720	AMD23	
34.12	A	2	20E2, E3	ENCLOSING SCREEN/KEY CAP	N1668R2	"	-
34.12	A	2	2670, 71	WEST/EAST SYRIAC CROSS	N1719	"	-
34.12	A	1	303E	IDEOGRAPHIC VAR'N INDIC'R	N1728	"	-
35.12	A	9	204A-F, AE 21xx, 2619	Punctuation & symbols various	N1884R2	FPDAM30	(above)
35.12	A	3	FFF9-B	INTERLINEAR ANNOTATIONS	N1884R2	"	"

For Amendments after 2nd Edition

<u>NEW SYMBOLS (ADDITIONS TO EXISTING TABLES)</u>							
36.18	A	1	20E4	COMB.. ENCL.. UPWARD POINTING TRIANGLE	N1941	(source)	-

ANNEX 1

SUMMARY OF CHARACTER ALLOCATIONS IN THE BMP of ISO/IEC 10646-1

The allocation status of the rows of the BMP is listed below, including all repertoire additions agreed by JTC1/SC2/WG2 up to the date stated in the Introduction above.

New blocks of characters are shown by name; they are taken from the NEW/EXTENDED SCRIPTS section on the previous pages. New characters added to existing blocks of characters do not affect the allocation status of rows, and are not shown here.

The unallocated columns (of 16 characters) listed are outside any named block, except where marked_*. Totals of additional free columns within blocks are shown after a % sign; they are not included in the overall totals for BMP.

<u>Row nos.</u>	<u>Allocation</u>	<u>Unallocated columns</u>	<u>New Collection nos.</u>
00 - 06	Edition 1 and AMD7 (% +3)	3 @ 0500	
07	Syriac FDAM27, Thaana FDAM24	3 @ 0750, 4 @ 07C0	85, 86
08	(1) unallocated		
09 - 0C	Edition 1 (% +3)		
0D	Edition 1 and Sinhala AMD21 (% +2)		84
0E	Edition 1 (% +4)		
0F	Tibetan AMD6, FPDAM31 (% +3)		72, 91
10 - 11	Myanmar FDAM26 and Edition 1 (% +4)		87, 90
12 - 13	Ethiopic AMD10, Cherokee AMD12 2 @ 1380	73, 75	
14 - 16	Canadian Aboriginal Syllabics AMD11		74
16	Ogham AMD20, Runic AMD19		82, 83
17	Khmer FPDAM25 (% +1)	8 @ 1700	88
18	Mongolian FPDAM29	5 @ 18B0	89
19 - 1D	(5) unallocated		
1E - 27	Edition 1 (% +23) Symbols and other AMD18, Keyboard symbols FDAM22	4 @ 27C0	
	<i>Note. A total of 504 character positions are unallocated within the existing blocks of symbols in rows 20 to 26, and a further 32 positions in row 27 Dingbats.</i>		
28	Braille patterns AMD16		80
29 - 2D	(5) unallocated		
2E	CJK radicals supplmt. FPDAM15	8 @ 2E00	79
2F	Kang Xi radicals FPDAM15, Ideo descr FPDAM28	1 @ 2FE0	78, 207
30	Edition 1		
31	Edition 1 and Bopomofo Ext. AMD23	4 @ 31C0	
32 - 33	Edition 1 (% +1)		
34 - 4D	CJK Unified Ideographs Extension A, AMD17	4 @ 4DC0	81
4E - 9F	Edition 1 and AMD13 (% +5)		
A0 - A4	Yi syllables & Yi radicals, FDAM14	3@A4D0	76, 77
A5 - AB	(7) unallocated		
AC - D7	Hangul syllables AMD5	5 @ D7B0	71
D8 - DF	UTF-16		
E0 - FF	Edition 1 (% +2)	13 @ FA30 * 2 @ FE00	

BMP total unallocated rows: 18 (+ 69 columns in 15 fragments) = 5,712 characters

ANNEX 2

Additional COLLECTIONS, BLOCKS, & TABLES for ISO/IEC 10646-1

<u>Collections</u>	<u>Block names</u>	<u>from - to (hex)</u>	<u>Table nos.</u>
71 HANGUL SYLLABLES	HANGUL SYLLABLES	AC00-D7A3	124-211
72 BASIC TIBETAN	-	0F00-0FBF	(212)
73 ETHIOPIC	ETHIOPIC	1200-137F	213-215
74 UNIFIED CANADIAN ABORIGINAL SYLLABICS	UNIFIED CANADIAN ABORIGINAL SYLLABICS	1400-167F	217-221
75 CHEROKEE	CHEROKEE	13A0-13AF	216
76 YI SYLLABLES	YI SYLLABLES	A000-A48F	222-231
77 YI RADICALS	YI RADICALS	A490-A4CF	231
78 KANG XI RADICALS	KANG XI RADICALS	2F00-2FDF	242-243
79 CJK RADICALS SUPPLEMENT	CJK RADICALS SUPPLEMENT	2E80-2EFF	244
80 BRAILLE PATTERNS	BRAILLE PATTERNS	2800-28FF	233-234
81 CJK UNIFIED IDEOGRAPHS EXTENSION A	CJK UNIFIED IDEOGRAPHS EXTENSION A	3400-4DBF	-
82 OGHAM	OGHAM	1680-169F	235
83 RUNIC	RUNIC	16A0-16FF	236
84 SINHALA	SINHALA	0D80-0DFF	237
85 SYRIAC	SYRIAC	0700-074F	238
86 THAANA	THAANA	0780-07BF	239
-	MYANMAR	1000-109F	-
87 MYANMAR		1000-104F	240
88 KHMER	KHMER	1780-17FF	241
(52 BOPOMOFO)	BOPOMOFO EXTENDED	31A0-31BF	(53)
89 MONGOLIAN	MONGOLIAN	1800-18AF	245-246
90 EXTENDED MYANMAR	-	1050-109F	-
207 IDEOGRAPHIC DESCRIPTORS	IDEOGRAPHIC DESCRIPTORS	2FF0-2FFF	247
91 TIBETAN	TIBETAN	0F00-0FFF	248-249

[End of list]