

ISO/IEC JTC 1/SC 2
CODED CHARACTER SETS
SECRETARIAT: JAPAN (JISC)

DOC TYPE: Text for FDAM ballot

TITLE: Revised Text of ISO/IEC 10646-1/FPDAM 25, Universal Multiple-Octet Coded Character Set (UCS) -- Part 1: Architecture and Basic Multilingual Plane -- Amendment 25: Khmer

SOURCE: Mr. Bruce Paterson, Project Editor

PROJECT: JTC 1.02.18.01.25

STATUS: In accordance with Resolution M09.07 adopted at the 9th SC 2 plenary meeting, this document is forwarded to ITTF for FDAM processing. The disposition of comments report on the FPDAM ballot has been circulated as SC 2 N 3288.

ACTION ID: ITTF

DUE DATE:

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

Part 1:
Architecture and Basic Multilingual Plane
AMENDMENT 25: Khmer

Page 11, Clause 19

In the list of Block names, after the entry RUNIC (see Amd. 19), insert a new entry as follows:

KHMER 1780-17FF

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

In Figure 4, in the cross-hatched row 17, insert a zone corresponding to 1780-17FF containing the text:

Khmer

centred on a white background.

After page 75

Add the following new tables titled:

Table 241 - Row 17: KHMER

TABLE 241 - Row 17: KHMER

	178	179	17A	17B	17C	17D	17E	17F
0	ក 128	ថ 144	ហ 160	ញ 176	ៀ 192	័ 208	័ 224	240
1	ខ 129	ទ 145	ឡ 161	ឱ 177	េ 193	័ 209	័ 225	241
2	គ 130	ធ 146	អ 162	ច 178	ៃ 194	័ 210	័ 226	242
3	យ 131	ន 147	អ 163	ឌ 179	ៃ 195	័ 211	័ 227	243
4	ង 132	ប 148	អា 164	ា 180	ោ 196	។ 212	័ 228	244
5	ច 133	ផ 149	ត 165	ា 181	ោ 197	។ 213	័ 229	245
6	ឆ 134	ព 150	ឡ 166	ា 182	ំ 198	័ 214	័ 230	246
7	ជ 135	ភ 151	ខ 167	ំ 183	័ 199	័ 215	័ 231	247
8	ឈ 136	ម 152	ឌ 168	ំ 184	័ 200	។ល។ 216	័ 232	248
9	ញ 137	យ 153	ឌ 169	ំ 185	័ 201	័ 217	័ 233	249
A	ដ 138	រ 154	ឌ 170	ំ 186	័ 202	័ 218	234	250
B	វ 139	ល 155	ប្រ 171	័ 187	័ 203	័ 219	235	251
C	ខ 140	រ 156	ប្រ 172	័ 188	័ 204	័ 220	236	252
D	ឆ 141	គ 157	ព្រ 173	័ 189	័ 205	221	237	253
E	ណ 142	ថ 158	ព្រ 174	័ 190	័ 206	222	238	254
F	ត 143	ស 159	ង 176	័ 191	័ 207	223	239	255

G = 00
P = 00

TABLE 241 - Row 17: KHMER

dec	hex	Name	dec	hex	Name
128	80	KHMER LETTER KA	217	D9	KHMER SIGN PHNAEK MUAN
129	81	KHMER LETTER KHA	218	DA	KHMER SIGN KOOMUUT
130	82	KHMER LETTER KO	219	DB	KHMER CURRENCY SYMBOL RIEL
131	83	KHMER LETTER KHO	220	DC	KHMER SIGN AVAKRAHASANYA
132	84	KHMER LETTER NGO	221	DD	(This position shall not be used)
133	85	KHMER LETTER CA	222	DE	(This position shall not be used)
134	86	KHMER LETTER CHA	223	DF	(This position shall not be used)
135	87	KHMER LETTER CO	224	E0	KHMER DIGIT ZERO
136	88	KHMER LETTER CHO	225	E1	KHMER DIGIT ONE
137	89	KHMER LETTER NYO	226	E2	KHMER DIGIT TWO
138	8A	KHMER LETTER DA	227	E3	KHMER DIGIT THREE
139	8B	KHMER LETTER TTHA	228	E4	KHMER DIGIT FOUR
140	8C	KHMER LETTER DO	229	E5	KHMER DIGIT FIVE
141	8D	KHMER LETTER TTHO	230	E6	KHMER DIGIT SIX
142	8E	KHMER LETTER NNO	231	E7	KHMER DIGIT SEVEN
143	8F	KHMER LETTER TA	232	E8	KHMER DIGIT EIGHT
144	90	KHMER LETTER THA	233	E9	KHMER DIGIT NINE
145	91	KHMER LETTER TO	234	EA	(This position shall not be used)
146	92	KHMER LETTER THO	235	EB	(This position shall not be used)
147	93	KHMER LETTER NO	236	EC	(This position shall not be used)
148	94	KHMER LETTER BA	237	ED	(This position shall not be used)
149	95	KHMER LETTER PHA	238	EE	(This position shall not be used)
150	96	KHMER LETTER PO	239	EF	(This position shall not be used)
151	97	KHMER LETTER PHO	240	F0	(This position shall not be used)
152	98	KHMER LETTER MO	241	F1	(This position shall not be used)
153	99	KHMER LETTER YO	242	F2	(This position shall not be used)
154	9A	KHMER LETTER RO	243	F3	(This position shall not be used)
155	9B	KHMER LETTER LO	244	F4	(This position shall not be used)
156	9C	KHMER LETTER VO	245	F5	(This position shall not be used)
157	9D	KHMER LETTER SHA	246	F6	(This position shall not be used)
158	9E	KHMER LETTER SSO	247	F7	(This position shall not be used)
159	9F	KHMER LETTER SA	248	F8	(This position shall not be used)
160	A0	KHMER LETTER HA	249	F9	(This position shall not be used)
161	A1	KHMER LETTER LA	250	FA	(This position shall not be used)
162	A2	KHMER LETTER QA	251	FB	(This position shall not be used)
163	A3	KHMER INDEPENDENT VOWEL QAO	252	FC	(This position shall not be used)
164	A4	KHMER INDEPENDENT VOWEL QAA	253	FD	(This position shall not be used)
165	A5	KHMER INDEPENDENT VOWEL QI	254	FE	(This position shall not be used)
166	A6	KHMER INDEPENDENT VOWEL QII	255	FF	(This position shall not be used)
167	A7	KHMER INDEPENDENT VOWEL QU			
168	A8	KHMER INDEPENDENT VOWEL QUK			
169	A9	KHMER INDEPENDENT VOWEL QUU			
170	AA	KHMER INDEPENDENT VOWEL QUUV			
171	AB	KHMER INDEPENDENT VOWEL RY			
172	AC	KHMER INDEPENDENT VOWEL RYY			
173	AD	KHMER INDEPENDENT VOWEL LY			
174	AE	KHMER INDEPENDENT VOWEL LYY			
175	AF	KHMER INDEPENDENT VOWEL QE			
176	B0	KHMER INDEPENDENT VOWEL QAI			
177	B1	KHMER INDEPENDENT VOWEL QOO TYPE ONE			
178	B2	KHMER INDEPENDENT VOWEL QOO TYPE TWO			
179	B3	KHMER INDEPENDENT VOWEL QAU			
180	B4	KHMER VOWEL INHERENT AQ			
181	B5	KHMER VOWEL INHERENT AA			
182	B6	KHMER VOWEL SIGN AA			
183	B7	KHMER VOWEL SIGN I			
184	B8	KHMER VOWEL SIGN II			
185	B9	KHMER VOWEL SIGN Y			
186	BA	KHMER VOWEL SIGN YY			
187	BB	KHMER VOWEL SIGN U			
188	BC	KHMER VOWEL SIGN UU			
189	BD	KHMER VOWEL SIGN UA			
190	BE	KHMER VOWEL SIGN OE			
191	BF	KHMER VOWEL SIGN YA			
192	C0	KHMER VOWEL SIGN IE			
193	C1	KHMER VOWEL SIGN E			
194	C2	KHMER VOWEL SIGN AE			
195	C3	KHMER VOWEL SIGN AI			
196	C4	KHMER VOWEL SIGN OO			
197	C5	KHMER VOWEL SIGN AU			
198	C6	KHMER SIGN NIKAHIT			
199	C7	KHMER SIGN REAHMUK			
200	C8	KHMER SIGN YUUKALEAPINTU			
201	C9	KHMER SIGN MUUSIKATOAN			
202	CA	KHMER SIGN TRIISAP			
203	CB	KHMER SIGN BANTOC			
204	CC	KHMER SIGN ROBAT			
205	CD	KHMER SIGN TOANDAKHIAT			
206	CE	KHMER SIGN KAKABAT			
207	CF	KHMER SIGN AHSDA			
208	D0	KHMER SIGN SAMYOK SANNYA			
209	D1	KHMER SIGN VIRIAM			
210	D2	KHMER SIGN COENG			
211	D3	KHMER SIGN BATHAMASAT			
212	D4	KHMER SIGN KHAN			
213	D5	KHMER SIGN BARIYOOSAN			
214	D6	KHMER SIGN CAMNUC PII KUUH			
215	D7	KHMER SIGN LEK TOO			
216	D8	KHMER SIGN BEYYAL			

Page 700, Annex A

In the list of collection numbers and names, insert a new line after 84 SINHALA (see Amd. 21) as follows:

88 KHMER 1780-17FF, 200C, 200D

Page 703, Annex B

In B.1, List of all combining characters, after the entry 0FB9 TIBETAN SUBJOINED LETTER KSSA (see Amd. 6) insert new entries, as shown below

17B4 KHMER VOWEL INHERENT AQ
 17B5 KHMER VOWEL INHERENT AA
 17B6 KHMER VOWEL SIGN AA
 17B7 KHMER VOWEL SIGN I
 17B8 KHMER VOWEL SIGN II
 17B9 KHMER VOWEL SIGN Y
 17BA KHMER VOWEL SIGN YY
 17BB KHMER VOWEL SIGN U
 17BC KHMER VOWEL SIGN UU
 17BD KHMER VOWEL SIGN UA
 17BE KHMER VOWEL SIGN OE
 17BF KHMER VOWEL SIGN YA
 17C0 KHMER VOWEL SIGN IE
 17C1 KHMER VOWEL SIGN E
 17C2 KHMER VOWEL SIGN AE
 17C3 KHMER VOWEL SIGN AI
 17C4 KHMER VOWEL SIGN OO
 17C5 KHMER VOWEL SIGN AU
 17C6 KHMER SIGN NIKAHIT
 17C7 KHMER SIGN REAHMUK
 17C8 KHMER SIGN YUUKALEAPINTU
 17C9 KHMER SIGN MUUSIKATOAN
 17CA KHMER SIGN TRIISAP
 17CB KHMER SIGN BANTOC
 17CC KHMER SIGN ROBAT
 17CD KHMER SIGN TOANDAKHIAT
 17CE KHMER SIGN KAKABAT
 17CF KHMER SIGN AHSDA
 17D0 KHMER SIGN SAMYOK SANNYA
 17D1 KHMER SIGN VIRIAM
 17D2 KHMER SIGN COENG
 17D3 KHMER SIGN BATHAMASAT

Page 730, Annex E

After the entry 2328 KEYBOARD insert new entries, as shown below

17DB KHMER CURRENCY SYMBOL RIEL
 17E8 KHMER DIGIT EIGHT
 17E5 KHMER DIGIT FIVE
 17E4 KHMER DIGIT FOUR
 17E9 KHMER DIGIT NINE
 17E1 KHMER DIGIT ONE
 17E7 KHMER DIGIT SEVEN
 17E6 KHMER DIGIT SIX
 17E3 KHMER DIGIT THREE
 17E2 KHMER DIGIT TWO
 17E0 KHMER DIGIT ZERO
 17AD KHMER INDEPENDENT VOWEL LY
 17AE KHMER INDEPENDENT VOWEL LYY
 17A4 KHMER INDEPENDENT VOWEL QAA
 17B0 KHMER INDEPENDENT VOWEL QAI
 17A3 KHMER INDEPENDENT VOWEL QAO
 17B3 KHMER INDEPENDENT VOWEL QAU
 17AF KHMER INDEPENDENT VOWEL QE
 17A5 KHMER INDEPENDENT VOWEL QI

17A6 KHMER INDEPENDENT VOWEL QII
 17B1 KHMER INDEPENDENT VOWEL QOO TYPE ONE
 17B2 KHMER INDEPENDENT VOWEL QOO TYPE TWO
 17A7 KHMER INDEPENDENT VOWEL QU
 17A8 KHMER INDEPENDENT VOWEL QUK
 17A9 KHMER INDEPENDENT VOWEL QUU
 17AA KHMER INDEPENDENT VOWEL QUUV
 17AB KHMER INDEPENDENT VOWEL RY
 17AC KHMER INDEPENDENT VOWEL RYY
 1794 KHMER LETTER BA
 1785 KHMER LETTER CA
 1786 KHMER LETTER CHA
 1788 KHMER LETTER CHO
 1787 KHMER LETTER CO
 178A KHMER LETTER DA
 178C KHMER LETTER DO
 17A0 KHMER LETTER HA
 1780 KHMER LETTER KA
 1781 KHMER LETTER KHA
 1783 KHMER LETTER KHO
 1782 KHMER LETTER KO
 17A1 KHMER LETTER LA
 179B KHMER LETTER LO
 1798 KHMER LETTER MO
 1784 KHMER LETTER NGO
 178E KHMER LETTER NNO
 1793 KHMER LETTER NO
 1789 KHMER LETTER NYO
 1795 KHMER LETTER PHA
 1797 KHMER LETTER PHO
 1796 KHMER LETTER PO
 17A2 KHMER LETTER QA
 179A KHMER LETTER RO
 179F KHMER LETTER SA
 179D KHMER LETTER SHA
 179E KHMER LETTER SSO
 178F KHMER LETTER TA
 1790 KHMER LETTER THA
 1792 KHMER LETTER THO
 1791 KHMER LETTER TO
 178B KHMER LETTER TTHA
 178D KHMER LETTER TTHO
 179C KHMER LETTER VO
 1799 KHMER LETTER YO
 17CF KHMER SIGN AHSDA
 17DC KHMER SIGN AVAKRAHASANYA
 17CB KHMER SIGN BANTOC
 17D5 KHMER SIGN BARIYOOSAN
 17D3 KHMER SIGN BATHAMASAT
 17D8 KHMER SIGN BEYYAL
 17D6 KHMER SIGN CAMNUC PII KUUH
 17D2 KHMER SIGN COENG
 17CE KHMER SIGN KAKABAT
 17D4 KHMER SIGN KHAN
 17DA KHMER SIGN KOOMUUT
 17D7 KHMER SIGN LEK TOO
 17C9 KHMER SIGN MUUSIKATOAN
 17C6 KHMER SIGN NIKAHIT
 17D9 KHMER SIGN PHNAEK MUAN
 17C7 KHMER SIGN REAHMUK
 17CC KHMER SIGN ROBAT
 17D0 KHMER SIGN SAMYOK SANNYA
 17CD KHMER SIGN TOANDAKHIAT
 17CA KHMER SIGN TRIISAP
 17D1 KHMER SIGN VIRIAM
 17C8 KHMER SIGN YUUKALEAPINTU
 17B5 KHMER VOWEL INHERENT AA
 17B4 KHMER VOWEL INHERENT AQ
 17B6 KHMER VOWEL SIGN AA
 17C2 KHMER VOWEL SIGN AE
 17C3 KHMER VOWEL SIGN AI
 17C5 KHMER VOWEL SIGN AU
 17C1 KHMER VOWEL SIGN E
 17B7 KHMER VOWEL SIGN I

17C0	KHMER VOWEL SIGN IE
17B8	KHMER VOWEL SIGN II
17BE	KHMER VOWEL SIGN OE
17C4	KHMER VOWEL SIGN OO
17BB	KHMER VOWEL SIGN U
17BD	KHMER VOWEL SIGN UA
17BC	KHMER VOWEL SIGN UU
17B9	KHMER VOWEL SIGN Y
17BF	KHMER VOWEL SIGN YA
17BA	KHMER VOWEL SIGN YY

Page 754, Annex N

Delete the entry

- Khmer

G8 Explanatory Report

EXPLANATORY REPORT	ISO/IEC 10646-1/FDAM 25
ISO/IEC JTC 1/SC 2 N 3318	
Will supersede: SC 2 N 3201	Secretariat: JAPAN (JISC)

This form should be sent to ITTF, together with the committee draft, by the secretariat of the joint technical committee or sub-committee concerned.

The accompanying document is submitted for circulation to member body vote as an FDIS, following consensus of the P-members of the committee obtained on:

1999-03-16

by postal ballot initiated on: 1999-10-23

P-members in favour: (19) Australia; Canada; China; Denmark; Egypt; Finland; Germany; Greece; Ireland; Japan; Korea, Rep. of; Netherlands; Norway; Poland; Russian Federation; Singapore; Sweden; UK; USA

P-members voting against: (0)

P-members abstaining: (1) Tunisia

P-members who did not vote (16): Austria; Belgium; Brazil; France; Iceland; India; Iran, Islamic Republic of; Israel; Italy; Morocco; Romania; Slovenia; Thailand; Turkey; Viet Nam; Yugoslavia

Remarks:

History

- , JTC 1 endorsement: JTC 1 N 5481 (SC 2 N 3151)
- Combined PDAM registration and consideration - Letter ballot: SC 2 N 3105, Summary of voting: SC 2 N 3160, Disposition of comments report : SC 2 N 3199
- FPDAM - Letter ballot: SC 2 N 3201, Summary of voting: SC 2 N 3265, Disposition of Comments Report: SC 2 N 3288

In accordance with Resolution M09.07 adopted at the ninth SC 2 plenary meeting held in Fukuoka, Japan, 1999-03-16, this document is submitted to ITTF for a two-month FDAM ballot.

Project: JTC 1.02.18.01.25

I hereby confirm that this draft meets the requirements of part 3 of the IEC/ISO Directives

Date: 1999-04-14

Name and signature of secretary:

Toshiko Kimura

Secretariat, ISO/IEC JTC 1/SC 2