

Universal Multiple-Octet Coded Character Set (UCS)

ISO/IEC JTC 1/SC 2 N5053
ISO/IEC JTC 1/SC 2/WG 2 N5354
Date: 2026-06-26

Source: WG 2 meeting 73, Université de Paris Cité, Paris, France; 2026-06-22/26

Title: Recommendations from WG 2 meeting 73

Action: For approval by SC 2 and for information to WG 2

Status: Adopted at meeting 73 of WG 2

Distribution: ISO/IEC JTC 1/SC 2 and WG 2

Experts accredited (or invited) by the national bodies or liaison organizations for Canada, China, Czech Republic, France, Germany, India, Japan, Norway, UK, USA, Vietnam, SC34 (Liaison), SEI - UC Berkeley (Liaison), TCA (Liaison), and the Unicode Consortium (Liaison), participated in the meeting (either in person or via Zoom call -- see attached attendance list) and established consensus on the following recommendations.

Recommendation M73.01 (Disposition of comments of CD 4)

WG2 recommends that SC2 accept the disposition of comments on CD 4 to 7th edition in document N5369 (SC2 N5051). The following significant changes are noted in the disposition document:

- Remove Chisoi script (40 characters U+16D80..U+16D9D, U+16DA0..U+16DA9)
- Change the name of U+11DF1 BENGALI LETTER ALTERNATE BA to BENGALI LETTER ALTERNATE BARGIYA BA
- Change the names of the following three characters:
U+1DF90 LATIN SMALL LETTER C WITH SMALL SLASH to: LATIN SMALL LETTER C WITH LOW SLASH
U+1DF91 LATIN SMALL LETTER C WITH DESCENDING LOOP to: LATIN SMALL LETTER C WITH LOOPED CEDILLA
U+1DF93 LATIN SMALL LETTER D ROTUNDA WITH CROSSING LOOP to: LATIN SMALL LETTER D ROTUNDA WITH DESCENDING CROSSING LOOP
- Change all the character names for Small Seal characters from SEAL CHARACTER-XXXXX to SMALL SEAL CHARACTER-XXXXX
- Make corrections to Small Seal properties for 26 characters
- Make glyph correction for U+06C4 ARABIC LETTER WAW WITH RING WITHIN
- Make a glyph correction to U+13228 EGYPTIAN HIEROGLYPH NL008
- Make glyph adjustments for U+0CDC KANNADA ARCHAIC SHRIL and U+0C5C TELUGU ARCHAIC SHRIL
- Make glyph correction to U+3F80E

Recommendation M73.02 (CJK Additions and changes for the CD)

WG2 recommends that SC2 accept the following changes for the CD, based on the L2 and IRG documents referenced below:

a. Representative glyph changes

- Change the T-source representative glyph for U+2976E in the CJK Unified Ideographs Extension B block, based on document IRG N2927R.
- Change the G-source representative glyph for U+2B876 in the CJK Unified Ideographs Extension E block, based on Section 19 of document L2/26-099.
- Change the V-source representative glyph for U+2B8A0 in the CJK Unified Ideographs Extension E block, based on Section 20 of document L2/26-099.
- Change the K-source representative glyph for U+2DB7C in the CJK Unified Ideographs Extension F block, based on document IRG N2916.

b. Property value changes

- Change the kRSUnicode property value of U+2DB7C in the CJK Unified Ideographs Extension F block, based on document IRG N2916.
- Change the kIRG_GSource property values of U+236AC, U+24A1E, and U+24E82 in the CJK Unified Ideographs Extension B block, based on document IRG N2930.
- Change the kRSUnicode property value of U+2B158 and the kRSUnicode and kTotalStrokes property values of U+2B25D in the CJK Unified Ideographs Extension C block, based on Section 01 of document L2/26-099.
- Change the kRSUnicode property value of U+2A7EE in the CJK Unified Ideographs Extension C block, based on Section 04 of document L2/26-099.
- Change the syntax of the kIICore property to allow only one property value, based on Section 07 of document L2/26-099.
- Change the kIRG_GSource property values of U+211AE and U+2B536 in the CJK Unified Ideographs Extension B and CJK Unified Ideographs Extension C blocks, respectively, based on Section 11 of document L2/26-099.
- Add “211.7” to the kRSUnicode property value of U+2789F in the CJK Unified Ideographs Extension B block, based on Section 13 of document L2/26-099.
- Change the kRSUnicode and kTotalStrokes property values of U+2B8A0 in the CJK Unified Ideographs Extension E block, based on Section 20 of document L2/26-099.

c. Add 17 Standardized Variation Sequences for CJK Stroke characters proposed in [L2/26-073R](#) and section 32 of [L2/26-099](#):

31C0 FE00; dotted T form; # CJK STROKE T
31C6 FE00; curved Z form; # CJK STROKE HZG
31C6 FE01; rising H form; # CJK STROKE HZG
31C9 FE00; slanted S form; # CJK STROKE SZWG
31CF FE00; curved starting N form; # CJK STROKE N

31CF FE01; flat N form; # CJK STROKE N
31D0 FE00; rising H form; # CJK STROKE H
31D1 FE00; slanted S form; # CJK STROKE S
31D2 FE00; flat P form; # CJK STROKE P
31D4 FE00; to bottom left form; # CJK STROKE D
31D5 FE00; slanted Z form; # CJK STROKE HZ
31D7 FE00; slanted S form; # CJK STROKE SZ
31DB FE00; slanted SD form; # CJK STROKE PD
31DC FE00; upwards T form; # CJK STROKE PZ
31DD FE00; horizontal H curved N form; # CJK STROKE TN
31DD FE01; upwards T flat N form; # CJK STROKE TN
31E5 FE00; slanted S form; # CJK STROKE SZP

Consensus

Recommendation M73.03 (Code Charts)

WG2 recommends that the Project Editor move the UCS code charts from the core text of the standard into linked content, as documented in [N5363R](#), in the DIS of the 7th edition of ISO/IEC 10646. Changes as described in [N5363R](#) will be made in the core text of the 7th edition to describe the new location of the code charts.

Consensus

Recommendation M73.04 (Progression of CD 4)

WG2 recommends that the Project Editor prepare the text of DIS of the 7th edition of the standard, which will include the changes arising from recommendations M73.01 through M73.03 above, along with the final disposition of comments (document [N5369](#)), and forward it to the SC2 secretariat to circulate for balloting. The target starting dates are DIS 2026-10-01, IS 2027-06-01.

Consensus

Recommendation M73.05 (Project Subdivision for creation of amendment to ISO/IEC 10646 - 7th edition)

WG2 recommends that SC2 accept to start a project subdivision for a new amendment to ISO/IEC 10646 7th edition. The supporting document is [N5362](#) and the starting repertoire is based on content detailed in [N5361](#). The target dates are: CDAM: 2026-09-01, DAM 2028-08-01, FDAM 2029-03-01, Amd 2029-06-15.

Consensus

Recommendation M73.06 (Additions for the first amendment)

WG2 recommends the Project Editor consider the following additional characters and script for encoding in the first amendment:

- 20C5 BELARUSIAN RUBLE SIGN, based on [L2/26-089](#)
- 20F1 COMBINING LONG TRIPLE SOLIDUS OVERLAY and 20F2 COMBINING SALTIRE OVERLAY, based on N5364 (L-2620).
- 5 Letterlike Symbols 1DB1D..1DB21, based on N5335R3 (L-2619) and one variation sequence 1D4CD FE02 MATHEMATICAL SCRIPT SMALL X
- 10 Miscellaneous Scientific Symbols 1DB22..1DB2B, based on N5336R4 (L-2621)
- 54 Leibnizian Ambiguous Signs 1DC00..1DC35 in a new Leibnizian Ambiguous Signs block 1DC00..1DC3F, and 5 Standardized Variation Sequences:
1DC09 FE00
1DC0A FE00
1DC0D FE00
1DC12 FE00
1DC12 FE01
based on N5329R4 (L-2618).
- 119 ideographs 2FA20..2FA96 in a new CJK Unified Ideographs Components-A block that extends from 2FA20..2FA9F, and 375 ideographs 2FAA0..2FC16 in CJK Unified Ideographs Components-B block that extends from 2FAA0..2FC1F, based on N5358 and N5353
- Chisoi script (40 characters U+16D80..U+16D9D, U+16DA0..U+16DA9)

Consensus

Recommendation M73.07 (Other possible additions)

WG2 recognizes that some scripts and additional characters which are under preparation as potential additions to the standard could become mature and will have consensus among WG2 experts to include in the standard. The Project Editor should be able to add these to the balloted texts, after exercising due diligence. Candidates include, but are not limited to:

- Latin additions
 - AB6E LATIN CAPITAL LETTER U WITH LEFT HOOK, based on [L2/25-176](#)
 - 1DF82 LATIN SMALL LETTER W WITH PALATAL HOOK, based on [L2/25-077](#)
 - 1DF83 LATIN SMALL LETTER N WITH DOUBLE MIDDLE TILDE and 1DF84 LATIN SMALL LETTER R WITH DOUBLE MIDDLE TILDE, based on [L2/25-114](#)
 - 1DF85 LATIN LETTER SMALL CAPITAL I WITH RETROFLEX HOOK, based on [L2/25-146](#)
 - 1DF86 LATIN SMALL LETTER OPEN Q, 1DF87 LATIN CAPITAL LETTER X WITH STROKE, 1DF88 LATIN SMALL LETTER X WITH STROKE, based on [L2/25-147](#)
 - 1DF89 LATIN SMALL LETTER WAVY Y, based on [L2/25-145](#)
 - 1DF8A LATIN SMALL LETTER SCHWA WITH RIGHT HOOK, based on [L2/25-155](#)

- 8 basic symbols of Romance dialectological atlases, based on [L2/26-079](#).
1AF2 COMBINING INVERTED LAZY S ABOVE
1AF3 COMBINING COMMA ABOVE AND ACUTE (see above, 9.3.2.1)
1DF8B LATIN SMALL LETTER REVERSED SCRIPT R
1DF8C LATIN SMALL LETTER B WITH LEFT HALF STROKE
1DF8D LATIN SMALL LETTER D WITH LEFT HALF STROKE
1DF8E LATIN SMALL LETTER G WITH LEFT HALF STROKE
1DF8F LATIN SMALL LETTER L WITH LEFT HALF STROKE
1DF97 LATIN SMALL LETTER M WITH RETROFLEX HOOK
- 1DF98 LATIN SMALL LETTER ZH, based on [L2/26-065](#)
- 1DF99 LATIN CAPITAL LETTER EDHE and 1DF9A LATIN SMALL LETTER EDHE, based on [L2/26-117](#)
- 1DFC4 MODIFIER LETTER CAPITAL Y, based on [L2/26-118](#)
- Four IPA tonetic stress marks:
1DFC5 DOUBLE GRAVE ACCENT
1DFC6 MODIFIER LETTER MIDDLE ACUTE ACCENT
1DFC7 MODIFIER LETTER SOUTH EAST ARROW
1DFC8 MODIFIER LETTER LOW NORTH EAST ARROW, based on [L2/25-156r](#) and [L2/25-181](#)
- Four stacked arrowheads:
1DFC9 MODIFIER LETTER LEFT ARROWHEAD OVER UP ARROWHEAD
1DFCA MODIFIER LETTER RIGHT ARROWHEAD OVER UP ARROWHEAD
1DFCB MODIFIER LETTER LEFT ARROWHEAD OVER DOWN ARROWHEAD
1DFCC MODIFIER LETTER RIGHT ARROWHEAD OVER DOWN ARROWHEAD, based on [L2/25-157](#)
- 0C70 TELUGU SIGN SPACING CANDRABINDU, based on [L2/25-246](#)
- 1C8B CYRILLIC SMALL LETTER YERU WITH CONNECTING BAR, based on [L2/25-112](#)
- 10EC0 ARABIC LETTER DOTLESS HALF YEH and 10EC1 ARABIC LETTER HALF YEH, based on [L2/25-148](#)
- Tulu-Tigalari
 - 113CB TULU-TIGALARI SIGN COMBINING ANUSVARA ABOVE, based on [L2/25-244](#)
 - 113DA TULU-TIGALARI LETTER ARCHAIC II, based on [L2/22-260](#)
- 1183C DOGRA SIGN CANDRABINDU and 1183D DOGRA SIGN AVAGRAHA, based on [L2/25-245](#)
- 11B0B DEVANAGARI SIGN JIHVAMULIYA and 11B0C DEVANAGARI SIGN UPADHMANIYA, based on [L2/25-121](#)
- Alchemical symbols
 - 1CED1 ALCHEMICAL SYMBOL FOR CALX-2, based on [L2/26-017](#)
 - 1CED5 ALCHEMICAL SYMBOL FOR RETORT-2, based on [L2/25-131](#)

Consensus

Recommendation M73.08 (Sirmauri script)

WG2 recommends that the Project Editor consider adding 55 characters for the Sirmauri script at code points U+11850..U+1188F in a new block in the range U+11850..U+1188F named ‘Sirmauri’, based on the proposal in document [L2/25-224](#)

Consensus

Recommendation M73.09 (Leke script)

WG2 recommends that the Project Editor consider adding 55 characters for the Leke script at code points U+11B80..U+11BBA in a new block in the range U+11B80..U+11BBF named ‘Leke’, based on the proposal in document [L2/26-129](#).

Consensus

Recommendation M73.10 (Proto-Cuneiform)

WG2 recommends that the Project Editor consider adding 1392 characters for the Proto-Cuneiform script at code points U+12690..U+12BFF in a new block U+12690..U+12BFF named ‘Proto-Cuneiform’, based on the proposal in document [L2/25-211](#).

Consensus

Recommendation M73.11 (Mwangwego)

WG2 recommends that the Project Editor consider adding 64 characters for the Mwangwego script at code points U+16E00..U+16E3F in a new block U+16E00-U+16E3F named ‘Mwangwego’, based on the proposal in document [L2/26-029](#).

Consensus

Recommendation M73.12 (Shaaldaa)

WG2 recommends that the Project Editor consider adding 804 characters for the Shaaldaa script at code points U+1C800..U+1CB2B in a new block in the range U+1C800..U+1CB2F named ‘Shaaldaa’, based on the proposal in document [L2/26-040r](#).

Consensus

Recommendation M73.13 (Other possible script additions)

WG2 recognizes that some scripts are under preparation as potential additions to the standard could become mature and will have consensus among WG2 experts to include in the standard. The Project Editor should be able to add these to the balloted texts, after exercising due diligence. Candidates include, but are not limited to:

- Dai Xaau script (N[5310](#) and N[5368](#))
- Kore Sebeli script ([L2/26-132](#))
- N'ti script ([L2/26-087](#))
- Ndiko Jonam script ([L2/26-055](#))

Consensus

Recommendation M73.14 (Maya)

WG2 recommends National Bodies and liaison organizations review the following proposals before WG2 meeting #74:

- Codical Maya Hieroglyphs N[5366](#)
- Maya Hieroglyphs Extended-A N[5367](#)

Consensus

Recommendation M73.15 (New IRG Source)

WG2 recommends that the Project Editor add a new normative IRG source for Singapore, kIRG_SGSource, based on N[5359](#), targeted for amendment 1.

Consensus

Recommendation M73.16 (IRG Convenor)

WG2 recommends to SC2 that Dr. Ken Lunde be re-appointed as IRG Convenor for one year.

Consensus

Recommendation M73.17 (Future meetings)

WG2 confirms the following schedule for future meetings:

WG2 Meeting #74, 2027-06-21/25, Waterloo, Ontario, Canada

WG2 Meeting #75, 2028-06, Kunming, China (tentative)

IRG #67, 2026-10-12/16, Tokyo, Japan (hybrid; host SAT)

IRG #68, 2027-03-15/19, Virtual (Webex)

IRG #69, 2027-10-11/15, Ho Chi Minh City, Vietnam (hybrid; host Fulbright University)

IRG #70, 2028-03-13/17, Virtual (Webex)

Consensus

Appreciation M73.18 (Appreciation to Unicode Consortium)

WG2 thanks the Unicode Consortium and its staff for providing the web site, for its assistance in code chart productions, and other support for WG2.

Acclamation

Appreciation M73.19 (Appreciation to Host)

WG 2 thanks Dr. David Rabouin, Université de Paris Cité, and French National Body AFNOR for hosting the meeting. In addition, WG 2 thanks Ms. Nathalie DaSilva and staff from AFNOR for providing logistical support before and during this meeting. WG 2 also appreciates Dr. David Rabouin for hosting and organizing of the enjoyable event on Wednesday afternoon and evening

Acclamation

Attendance List
JTC1/SC2/WG2 Meeting 73, Paris, france + Virtual; 2026-06-22/26

Name	Accreditation	Affiliation
Masaru TAKECHI	.SC 2 Chairperson	NHK Foundation
Ayuko NAGASAWA	.SC 2 Secretariat	IPSJ/ITSCJ
Toshiya SUZUKI	.SC34 (liaison)	Hiroshima University
Michel SUIGNARD	.WG 2 Convenor; USA	Unicode, Inc.
Ken LUNDE	IRG Convenor; USA	Apple, Inc.
Karljürgen FEUERHERM	Canada	Wilfrid Laurier University
Eddie Antonio SANTOS	Canada	SCC
Joshua TSAI	Canada	Independent/SCC
Hunt, Alexis	Canada	Independent/SCC
Pine, Aidan	Canada	SCC
CHEN, Zhuang	China	CESI
TAO, Yang	China	CESI
Huang, Shanshan	China	CESI
Yang, Lei	China	CESI
SIM, CheonHyeong	China	Independent
DAO, Jie	China	Yunnan Minzu University
QI, Ziyuan	China	Yunnan Minzu University
HU, Jiajia	China	Beijing Normal University
LIN, Lin	China	Microsoft (China)
Zhaoqin Jiang (Kushim)	China	Independent
WEN, Witty	China	
Jan KUČERA	Czech Republic	Charles University
David Rabouin	France	Univ. Paris Cité
Andreas STÖTZNER	Germany	A. Stötzner Gestaltung, DIN
Elisabeth RINNER	Germany	Niedersächsische Landesbibliothek Hannover
Siegmund Probst	Germany	Niedersächsische Landesbibliothek Hannover
Deolekar DEVANSH	India	BIS
Swaran LATA	India	BIS
Neha GUPTA	India	BIS
Shuichi TASHIRO	AH1 Chair; Japan	Kaishi Professional University
Kazuhiro KITAMASU	Japan	FUJIFILM System Services
Yoichi MIHASHI	Japan	Type Bridge
Spira, Ivo	Norway	SN
WangSung Yang	Republic of Korea	
Lin-Mei WEI	TCA (Cat. C Liaison)	Chinese Foundation for Digitization Technology/TCA
John Knightley	UK	

Deborah ANDERSON	USA, UC Berkeley (Cat. C Liaison)	University of California, Berkeley
Anushah HOSSAIN	USA, UC Berkeley (Cat. C Liaison)	University of California, Berkeley
LIANG Hai	USA, Unicode (Cat. A Liaison)	Unicode
Peter CONSTABLE	USA, Unicode (Cat. A Liaison)	Microsoft Corp.
Robin LEROY	USA	Google Switzerland GmbH
Ned Holbrook	USA, Unicode (Cat. A Liaison)	
Eiso CHAN	Vietnam	STAMQ; Culture and Art Publishing House