



ISO/IEC JTC 1  
Information technology  
Secretariat: ANSI (United States)

**Document type:** Other document (Defined)

**Title:** Proposed Modifications to SC 2 Programme of Work

**Status:** This document is forwarded to JTC 1 National Bodies for a default letter ballot. If the JTC 1 Secretariat receives no objections to the SC 2 request, it will be forwarded to ITTF for processing.

**Date of document:** 2013-10-24

**Source:** SC 2 Secretariat

**Expected action:** ACT

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**Committee URL:** <http://isotc.iso.org/livelink/livelink/open/jtc1>

## Proposed Modifications to SC 2 Programme of Work

SC 2 requests JTC 1 to approve the following modifications to the SC 2 programme of work.

### 1) Addition of a new sub-project for Amendment 1 to ISO/IEC 10646 (Ed.4)

Project No.	JTC 1.02.10646.00.01.00.04
Title	Information technology -- Universal Coded Character Set (UCS) – Amendment 1
Scope	This International Standard specifies the Universal Coded Character Set (UCS). It is applicable to the representation, transmission, interchange, processing, storage, input, and presentation of the written form of the languages of the world as well as of additional symbols. This amendment is to incorporate an additional 72 characters as listed in document WG 2 N 4465 and possibly additional characters while this amendment is at the committee draft stage.
Rationale	The proposed scripts and characters are based on contributions from several national body, liaison organizations and other expert linguists. These proposed characters were approved at meeting 61 of JTC1/SC2/WG2 held in Vilnius, Lithuania (2013-06-10/14) per Resolution (SC2N4283) M61.13 which contains the list of these additional scripts and characters.
Target dates	PDAM: 2013-09 (already under ballot), DAM: 2014-11, FDAM: 2015-06
SC 2 Approval	SC 2 N 4286

ISO/IEC JTC 1/SC 2  
Coded character sets  
Secretariat: JISC (Japan)

**Document type:** Other document (Open)

**Title:** Project Subdivision Proposal for Amendment 1 to ISO/IEC 10646 Ed. 4, Information technology -- Universal Multiple-Octet Coded Character Set (UCS) [WG 2 N 4465]

**Status:** In accordance with Resolution M61.13 of the WG 2 meeting held in Vilnius, Lithuania; 2013-06-10/14, this document is circulated to the SC 2 members for approval. Unless any objection is received by 2013-10-11, this proposal will be submitted to JTC 1 for endorsement. SC 2 national bodies are invited to nominate additional experts to participate in WG 2 for this amendment, if any.

**Date of document:** 2013-07-11

**Source:** WG 2 Convenor

**Expected action:** ACT

**Action due date:** 2013-10-11

**No. of pages:** 3

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**Committee URL:** <http://isotc.iso.org/livelink/livelink/open/jtc1sc2>

**Title:** SC2/WG2 Proposed Modification to Program of Work

**Source:** Project Editor/Convener

**Distribution:** SC2 and SC2/WG2 members and liaison organizations

SC 2/WG2 seeks the SC2's and subsequently JTC 1's endorsement for add a new subproject to its Program of Work.

**Project No.:** JTC 1.02.10646.00.08 (ISO/IEC 10646/ Amendment 1 for 4<sup>th</sup> Edition)

**Title:** Information technology -- Universal Multiple-Octet Coded Character Set (UCS) –

**Scope:** Incorporate an additional 72 characters as identified below and possibly additional characters while this amendment is at the committee draft stage.

**Rationale:** The proposed scripts and characters are based on contributions from several national body, liaison organizations and other expert linguists. These proposed characters were approved at meeting 61 of JTC1/SC2/WG2 held in Vilnius, Lithuania (2013-06-10/14) per Resolution ([N4404](#)) M61.13 which contains the list of these additional scripts and characters.

**Future additions:** While the amendment is still in development at the committee draft stage, the project editor is authorized to add other new scripts or characters that are evaluated as mature proposals with adequate review and consensus from participating NB experts. Any such additions at the committee draft stage would undergo at least one PDAM ballot before the draft is advanced to enquiry (DAM) stage. WG2 notes that Nushu, Mongolian Square, Soyombo and Marchen are some candidate scripts close to maturity.

This is a summary of the 72 characters that constitute the tentative repertoire of the amendment 1 of ISO/IEC 10646 4<sup>th</sup> edition and their code positions. The following list shows the blocks (existing or new) to which characters are proposed to be added, or which have been affected by other changes.

**1. Tamil Block: Tamil**

Add the following six Tamil characters (with their glyphs based on document [N4430](#)) in the Tamil block:

OBDF TAMIL CURRENT SIGN

OBFB TAMIL TRADITIONAL NUMBER SIGN

OBFC TAMIL TRADITIONAL CREDIT SIGN

OBFD TAMIL AND ODD SIGN

OBFE TAMIL SPENT SIGN

OBFF TAMIL TOTAL SIGN

## 2. Tamil Supplement Block: Tamil Supplement

Create a new block named Tamil Supplement in the range 11FC0...11FFF and populate it with **49** characters with their glyphs, names and code positions from sections 3 and 4 in document N[4430](#).

## 3. Several blocks: 17 character additions

- 1032F OLD ITALIC LETTER TTE as proposed in document N[4395](#).
- 0C5A TELUGU LETTER RRRA with its glyph based on what is shown in section 1 of doc N[4215](#).
- **Two** characters - 218A TURNED DIGIT TWO and 218B TURNED DIGIT THREE (with their glyphs from document N[4399](#)) in the Number Forms block.
- **Ten** Malayalam minor fractions (with their glyphs from document N[4429](#)) in the Malayalam block:  
0D58 MALAYALAM FRACTION ONE ONE-HUNDRED-AND-SIXTIETH  
0D59 MALAYALAM FRACTION ONE FORTIETH  
0D5A MALAYALAM FRACTION THREE EIGHTIETHS  
0D5B MALAYALAM FRACTION ONE TWENTIETH  
0D5C MALAYALAM FRACTION ONE TENTH  
0D5D MALAYALAM FRACTION THREE TWENTIETHS  
0D5E MALAYALAM FRACTION ONE FIFTH  
0D76 MALAYALAM FRACTION ONE SIXTEENTH  
0D77 MALAYALAM FRACTION ONE EIGHTH  
0D78 MALAYALAM FRACTION THREE SIXTEENTHS
- A8FD DEVANAGARI JAIN OM (with its glyph from document N4408) in the Devanagari Extended block.
- 0D4F MALAYALAM LETTER CHILLU LLL (with its glyph from document N[4428](#)) in the Malayalam block.
- **Two** characters - 11350 GRANTHA OM (with its glyph from document N[4431](#)), and 1137D GRANTHA SIGN COMBINING ANUSVARA ABOVE (with its glyph from document N[4432](#)), in the Grantha block.

(Note: several of the proposal documents referenced above have proposed annotations or changes to existing annotation in the names list)

Dates: DAM November 2014; FDAM July 2015 for a publication late in 2015 or early 2016.