

**Action Items from
ISO/IEC JTC1/SC2/WG2 meeting 60, Chiang Mai, Thailand, 2012-10-22/26
For review at meeting 61, Vilnius, Lithuania, 2013-06-10/14**

(Following is an extract of Action items section of document N4353, meeting 60 unconfirmed minutes)
[V.S. Umamaheswaran](#), Recording Secretary

14 Outstanding Action Items

All the action items recorded in the minutes of the previous meetings from 25 to 51, and, 53 to 56 have been either completed or dropped. Status of outstanding action items from previous meetings 52, 57 to 59, and new action items from this meeting 60 are listed in the tables below.

14.1 Outstanding action items from meeting 52, 2008-04-21/25, Redmond, WA, USA

Item	Assigned to / action (Reference resolutions in document N3454, and unconfirmed minutes in document N3453 for meeting 52 - with any corrections noted in section 3 in the minutes of meeting 53 in document N3553)	Status
AI-52-7	Ireland (Mr. Michael Everson)	
	To take note of and act upon the following items:	
a.	M52.5 (Principles for Dandas): WG2 adopts the principles guiding the encoding of Dandas in Brahmic scripts from document N3457, and instructs its ad hoc group on P&P to incorporate these into its document on Principles and Procedures (along with the additions from resolution M52.4 above). WG2 further invites the Irish national body to investigate and report on the current practice on use of currently encoded Dandas in relevant scripts towards finalizing the list of scripts and their corresponding Dandas. (Mr. Michael Everson indicated he will provide some text to include in the P&P document at meeting 58.) M53, M54 M55, M56, M57, M58, M59 and M60 – in progress.	In progress

14.2 Outstanding action items from meeting 57, Busan, Korea (Republic of), 2010-10-04/10

Item	Assigned to / action (Reference resolutions in document N3904, and unconfirmed minutes in document N3903 for meeting 57 – with any corrections noted in section 3 in the minutes of meeting 58 in document N4103)	Status
AI-57-8	China (Mr. Chen Zhuang)	
	To take note of and act upon the following items:	
b.	M57.27 (Khitan): With reference to documents N3918 and N3925 on Khitan, WG2 endorses the ad hoc report in document N3942, and invites China to submit a revised proposal addressing the feedback received to date. M58, M59, and M60 – in progress.	In progress.

14.3 Action items from meeting 58, Helsinki, Finland, 2011-06-06/10

Item	Assigned to / action (Reference resolutions in document N4104, and unconfirmed minutes in document N4103 for meeting 58)	Status
AI-58-4	IRG Rapporteur and IRG Editor (Dr. Lu Qin)	
	To take note of and act upon the following items:	
b.	to address the concerns in document N4075 on potential duplication and on possible use of IVS-s as method to encode z-variants, and provide feedback to WG2. M58, M59 and M60 – in progress.	In progress.
AI-58-7	Ireland (Mr. Michael Everson)	
a.	With reference to Irish proposal for replacement of Bengali chart in comment E1 on Row 098 in document N4014 (results of voting on FCD of 3 rd edition), Ireland is invited to provide more information regarding the font used for Bengali in the charts for review and comment by national bodies and liaison organizations. Also refer to similar action item AI-57-7 on Ireland. M58, M59 and M60 – in progress.	In progress.
AI-58-9	China (Mr. Chen Zhuang)	
	To take note of and act upon the following items:	
a.	M58.31 (Chinese Chess symbols): With reference to proposal from China in document	In progress.

	N3910, WG2 invites China to submit a revised proposal taking into consideration the feedback comments received in documents N3966 and N3992. M58, M59 and M60 – in progress.	
b.	M58.30 (<i>Naxi Dongba pictographs</i>): With reference to proposal from China in document N4043, WG2 endorses the ad hoc report in document N4112, and invites China to submit a revised proposal taking into consideration the recommendations in the ad hoc report. M58, M59 and M60 – in progress.	In progress.

14.4 Outstanding action items from meeting 59, Mountain View, CA, USA, 2012-02-13/17

Item	Assigned to / action (Reference resolutions in document N4254, and unconfirmed minutes in document N4253 for meeting 59).	Status
AI-59-3	Editor of ISO/IEC 10646: (Mr. Michel Suignard with assistance from contributing editors)	
	To prepare the appropriate amendment texts, sub-division proposals, collection of editorial text for the next edition, corrigendum text, or entries in collections of characters for future coding, with assistance from other identified parties, in accordance with the following:	
s.	With reference to document N4173 - IRG Errata Report, to check for possible Source-Mapping changes that we can request IRG to review and put a solution in place.	In progress.
AI-59-7	China (Mr. Chen Zhuang)	
	To take note of and act upon the following items:	
a.	M59.05 (<i>Named USIs for characters for Uyghur and Chaghatay</i>): With reference to request for NUSIs from China in document N4218 and the proposed alternative NUSIs in document N4231 from SEI, WG2 accepts the proposed 9 language-neutral NUSIs from document N4231 for inclusion in the next amendment to the standard. WG2 further invites China to work with experts from the Unicode Consortium in preparing a Unicode Technical Note to assist the Uyghur and Chaghatay users in implementation using the standard.	In progress.
AI-59-8	Unicode Liaison (Mr. Peter Constable)	
a.	M59.05 (<i>Named USIs for characters for Uyghur and Chaghatay</i>): With reference to request for NUSIs from China in document N4218 and the proposed alternative NUSIs in document N4231 from SEI, WG2 accepts the proposed 9 language-neutral NUSIs from document N4231 for inclusion in the next amendment to the standard. WG2 further invites China to work with experts from the Unicode Consortium in preparing a Unicode Technical Note to assist the Uyghur and Chaghatay users in implementation using the standard.	In progress.

14.5 New action items from meeting 60, Chiang Mai, Thailand, 2012-10-22/27

Item	Assigned to / action (Reference resolutions in document N4254, and unconfirmed minutes in document N4253 for meeting 59 (this document you are reading)).	Status
AI-60-1	Recording Secretary - Dr. V.S. UMaMaheswaran	
a.	To finalize the document N4354 containing the adopted meeting resolutions and send it to the convener as soon as possible.	Completed; see document N4354.
b.	To finalize the document N4353 containing the unconfirmed meeting minutes and send it to the convener as soon as possible.	Completed; see document N4353.
AI-60-2	Convener - Mr. Mike Ksar	
	To take note of and act upon the following items:	
a.	M60.21 (<i>Roadmap snapshot</i>): WG2 instructs its convener to post the updated snapshot of the roadmaps (in document N4320) to the WG2 web site and communicate the same to SC2 secretariat.	Completed.
b.	To add relevant contributions carried forward from previous meetings to agenda of next meeting. (See list of documents under AI-60-12 - items a to d - below.)	
AI-60-3	Editor of ISO/IEC 10646: (Mr. Michel Suignard with assistance from contributing editors)	
	To prepare the appropriate amendment texts, sub-division proposals, collection of editorial text for the next edition, corrigendum text, or entries in collections of characters for future coding, with assistance from other identified parties, in accordance with the following:	
a.	M60.01 (<i>Disposition of ballot comments of DAM1</i>): WG2 accepts the disposition of DAM 1 ballot comments in document N4346. The following significant changes are noted: Change in names: <ul style="list-style-type: none"> AB53 from LATIN SMALL LETTER STRETCHED X to LATIN SMALL LETTER CHI AB54 from LATIN SMALL LETTER STRETCHED X WITH LOW RIGHT RING to LATIN SMALL LETTER CHI WITH LOW RIGHT RING, and 	

	<ul style="list-style-type: none"> AB55 from LATIN SMALL LETTER STRETCHED X WITH LOW LEFT SERIF to LATIN SMALL LETTER CHI WITH LOW LEFT SERIF <p>Addition:</p> <ul style="list-style-type: none"> 20BA TURKISH LIRA SIGN with its glyph from document N4273. <p>WG2 also accepts changing of glyphs to match the names for four characters 2BCC to 2BCF as noted in document N4363.</p> <p>The final code positions, glyphs and names are in the charts in document N4381.</p>	
b.	<i>M60.02 (Progression of Amendment 1):</i> WG2 instructs its project editor to prepare and to forward the final text of Amendment 1 to the 3 rd Edition, which will include the changes arising from resolution M60.01 above, along with the final disposition of comments (document N4346) to the SC2 secretariat for processing as an FDAM ballot.	Items a and b completed; see document 02n4266 .
c.	<i>M60.03 (Disposition and progression of PDAM 2):</i> WG2 notes the disposition of ballot comments on PDAM 2 (SC2 N4228) in document N4306 and the subsequent text of PDAM 2.2 (SC2 N4239), that were generated between WG2 meetings 59 and 60. There were 14 character deletions, and 276 character additions, to the 900 in PDAM 2, several glyph changes, name changes and reallocation of code positions, as detailed on pages 1 to 8 in document N4306 , resulting in a net of 1162 characters in PDAM 2.2.	Noted.
d.	<i>M60.04 (Standardized variants for compatibility ideographs):</i> WG2 accepts to add the 1002 standardized variants for compatibility ideographs, from document 4246-A .	
e.	<p><i>M60.05 (Disposition of ballot comments of PDAM 2.2):</i> WG2 accepts the disposition of PDAM 2.2 ballot comments in document N4377. The following significant changes are noted:</p> <p>a. Old Hungarian block: Based on the Old Hungarian ad hoc report in document N4374,</p> <ul style="list-style-type: none"> Replace 'Old Hungarian' in the names of the block and all the characters in the block with 'Hungarian', Add annotations to names to address potential multiple names, and, Shift down the 5 characters 10CF9..10CFD to 10CFA..10CFE. <p>b. Pahawh Hmong block:</p> <ul style="list-style-type: none"> Split the Pahawh Hmong characters in the range 16B7E..16B8F, and rearrange them in the two ranges 16B7D..16B86 and 16B88..16B8F, and, Add 16B87 PAHAHW HMONG CLAN SIGN PHAB (with its glyph from Irish ballot comment T.3). <p>c. Mende and Mende Numbers blocks: Based on the Mende Numbers ad hoc report in document N4375,</p> <ul style="list-style-type: none"> Move the Mende digits from 1E8D1..1E8D9 in Mende Numbers block to 1E8C7..1E8CF in Mende block, Delete the Mende Numbers block 1E8D0..1E8EF, Extend Mende block by 1 column to end at 1E8DF, and, Add 7 combining Mende number bases at 1E8D0..1E8D6. <p>d. Changed the character names for:</p> <ul style="list-style-type: none"> 20BB from MARK SIGN to NORDIC MARK SIGN, 1F6CD from TWO SHOPPING BAGS to SHOPPING BAGS, 1F3CD from MOTORCYCLE to RACING MOTORCYCLE, 1F3DE from PARK to NATIONAL PARK, 1F6E4 from RAILWAY to RAILWAYS TRACK, and, 1F6CC from BED to SLEEPING ACCOMMODATION. <p>e. Moved with name change:</p> <ul style="list-style-type: none"> 1F3CF RACE CAR to 1F3CE RACING CAR. <p>f. Moved without name change:</p> <ul style="list-style-type: none"> 1F6D0 BELLHOP BELL to 1F6CE, 1F6EE SATELLITE to 1F6F0, 1F6F2 ONCOMING FIRE ENGINE to 1F6F1, 1F6F4 DIESEL LOCOMOTIVE to 1F6F2, 1F6E7 SMALL AIRPLANE to 1F6E9, and, 1F6E9 NORTHEAST-POINTING AIRPLANE to 1F6EA. <p>g. Added following 10 characters (see final charts for glyphs):</p> <ul style="list-style-type: none"> 1F6E6 UP-POINTING MILITARY AIRPLANE, 1F6E7 UP-POINTING AIRPLANE, 1F6E8 UP-POINTING SMALL AIRPLANE, 1F6F3 PASSENGER SHIP, 1F3D6 BEACH WITH UMBRELLA, 1F3D5 CAMPING, 1F6CF BED, 1F3D4 SNOW CAPPED MOUNTAIN, 1F6EB AIRPLANE DEPARTING, and, 1F6EC AIRPLANE ARRIVING. <p>h. Deleted the following 3 characters:</p>	

	<ul style="list-style-type: none"> • A78F LATIN LETTER MIDDLE DOT in Latin Extended-D block (moved it into the text of next committee stage ballot), • 2B74 LEFT RIGHT TRIANGLE-HEADED ARROW TO BAR, and, • 2B75 UP DOWN TRIANGLE-HEADED ARROW TO BAR <p>i. Several glyphs are changed arising out of disposition of the ballot comments above. The final code positions, glyphs and names are in the charts in document N4380.</p>	
f.	<i>M60.06 (Progression of Amendment 2)</i> : WG2 instructs its project editor to prepare and to forward the final text of Amendment 2 to the 3 rd Edition, which will include the changes arising from resolutions M60.04 and M60.05 above, along with the final disposition of comments (document N4377) to the SC2 secretariat for processing as a DAM ballot.	Items d to f completed; see document 02n4267 .
g.	<i>M60.07 (CJK Unified Ideographs Extension E)</i> : WG2 accepts to create a new block named CJK Unified Ideographs Extension E in the range 2B820 to 2CEAF and populate it with 5768 characters in code positions 2B820 to 2CEAF, with their glyphs and source references as shown in the attachments to document N4358 .	
h.	<i>M60.08 (Anatolian Hieroglyphs)</i> : WG2 accepts to create a new block named Anatolian Hieroglyphs in the range 14400 to 1467F, and populate it with 583 characters in code positions 14400 to 14646, with their names and glyphs as shown in document N4282 .	
i.	<i>M60.09 (Ahom script)</i> : WG2 accepts to create a new block named Ahom in the range 11700 to 1173F, and populate it with 57 characters in code positions 11700 to 11719, 1171D to 1172B, and 11730 to 1173F, with their names and glyphs as shown in document N4321 .	
j.	<i>M60.10 (Multani script)</i> : WG2 accepts to create a new block named Multani in the range 11280 to 112AF, and populate it with 38 characters in code positions 11280 to 11286, 11288, 1128A to 1128D, 1128F to 1129D, and 1129F to 112A9, with their names and glyphs as shown in document N4159 .	
k.	<i>M60.11 (Early Dynastic Cuneiform script)</i> : WG2 accepts to create a new block named Early Dynastic Cuneiform in the range 12480 to 1254F, and populate it with 197 characters in code positions 12480 to 12544, with their names and glyphs as shown in document N4278 .	
l.	<i>M60.12 (Hatran script)</i> : WG2 accepts to create a new block named Hatran in the range 108E0 to 108FF, and populate it with 30 characters in code positions 108E0 to 108F5, and 108F8 to 108FF, with their names and glyphs as shown in document N4324 .	
m.	<i>M60.13 (Sutton SignWriting script)</i> : WG2 accepts to create a new block named Sutton SignWriting in the range 1D800 to 1DAAF, and populate it with 672 characters in code positions 1D800 to 1DA8B, 1DA9B to 1DA9F, and 1DAA1 to 1DAAF, with their names and glyphs as shown in document N4342 .	
n.	<i>M60.14 (East-Slavic Musical symbols)</i> : WG2 accepts to add 11 characters to the Musical Symbols block, with their names, glyphs and code points from document N4362 .	
o.	<i>M60.15 (Additions to Sharada script)</i> WG2 accepts to add the following 9 characters to the Sharada block: <ul style="list-style-type: none"> a. 3 characters for writing Kashmiri: 111CA SHARADA SIGN NUKTA, 111CB SHARADA VOWEL MODIFIER MARK, and, 111CC SHARADA EXTRA SHORT VOWEL MARK, with their glyphs from document N4265. b. 111DB SHARADA HEADSTROKE, with its glyph from document N4337, c. 111DC SHARADA SIGN SIDDHAM, with its glyph from document N4331, d. 111C9 SHARADA SANDHI MARK, with its glyph from document N4330, e. 111CE SHARADA CONTINUATION SIGN, with its glyph from document N4329, and, f. 111DD SHARADA SECTION MARK-1, and, 111DE SHARADA SECTION MARK-2, with their glyphs from document N4338. 	
p.	<i>M60.16 (Meroitic numbers)</i> : WG2 accepts to add 64 characters to the Meroitic Cursive block, at code positions 109BC, 109BD, 109C0 to 109CF, and 109D2 to 109FF, with their names and glyphs as shown in document N4276 .	
q.	<i>M60.17 (Miscellaneous character additions)</i> WG2 accepts to add the following: <ul style="list-style-type: none"> • A8FC DEVANAGARI SIGN SIDDHAM, to the Devanagari Extended block, with its glyph from document N4260; • 0D5F MALAYALAM LETTER ARCHAIC II, to the Malayalam block, with its glyph from document N4312; • A7B2 LATIN CAPITAL LETTER J WITH CROSSED-TAIL, to the Latin Extended-D block, with its glyph from document N4332; • The following 5 characters with their glyphs from document N4297, to the Latin Extended-D block, <ul style="list-style-type: none"> • A7B4 LATIN CAPITAL LETTER BETA, • A7B5 LATIN SMALL LETTER BETA, • A7B6 LATIN CAPITAL LETTER OMEGA, • A7B7 LATIN SMALL LETTER OMEGA, and, • A7B3 LATIN CAPITAL LETTER CHI; • A78F LATIN LETTER MIDDLE DOT, to the Latin Extended-D block 	

(moved out from Amendment 2 text to the next committee stage ballot)		
r.	<i>M60.18 (Project subdivision):</i> WG2 instructs its convener and project editor to create a project subdivision proposal document (will be document N4382) for creation of ISO/IEC 10646 4 th edition, incorporating the texts of Amendments 1 and 2 to the 3 rd edition, and further changes accepted in resolutions M60.07 to M60.17 above, and textual changes as noted in document N4379 . WG2 notes that the subdivision proposal includes provisions for including additional characters or new scripts during the ballot resolution phase towards agile processing of the committee draft and speeding up the work of WG2 between face to face meetings. The target starting dates are: CD 2012-12, DIS 2013-08 and FDIS 2014-03.	Completed; see document N4382 .
s.	<i>M60.19 (CD of 4th edition):</i> WG2 instructs its project editor to create the text for the CD of the 4 th edition of ISO/IEC 10646, in accordance with the project subdivision document per resolution M60.18 above, and send it to SC2 secretariat for a CD ballot. The consolidated charts will be in document N4383 .	Items g to q and item s completed; see documents in folder 02n4268 .
t.	to correct the content in standard for source references for TCA in clause 23.1; per document N4356 from IRG.	
u.	To prepare a response to the concerns expressed by Japan in document N4365 regarding translation of 10646-2012 into Japanese.	Completed; see document N4379 .
AI-60-4	IRG Rapporteur and IRG Editor (Dr. Lu Qin)	
	To take note of and act upon the following items:	
a.	To provide a list of sources used for CJK Ext-E in the same format as used in clause 23.2 of the standard to the project editor (see also resolution M60.07 under AI-60-3 item g above).	
AI-60-5	Ad hoc group on roadmap (Dr. Umamaheswaran)	
a.	To update the Roadmaps with the results from this meeting.	
AI-60-6	Ad hoc group on principles and procedures (Dr. Umamaheswaran)	
a.	To work with Dr. Lu Qin and Mr. Michel Suignard re: any needed rewording of the question on Stroke count for Ideographs in the Proposal Summary Form.	
AI-60-7	China (Mr. Chen Zhuang)	
	To take note of and act upon the following items:	
a.	<i>M60.20 (Nüshu):</i> WG2 invites China to produce a revised proposal, working with other interested parties, taking into consideration the recommendations in the Nüshu ad hoc report in document N4376 .	
b.	To provide whatever feedback Chinese experts have on Tangut to the authors of Tangut proposals at the earliest, and to ensure that a comparison is made between their new font with the current font used in the proposal charts.	
AI-60-8	Liaison representative to JTC1/SC35 (Alain Labonté)	
a.	Is invited to communicate to the author of proposal in document N4318 for Four Arrows from 9995-7 to prepare a revised proposal, bundling it with revision of N4317 on other symbols from SC35, taking into account discussion at this meeting.	
AI-60-9	SEI - Dr. Debbie Anderson	
a.	To follow up with experts (along with Mr. Michael Everson) on combining sequences in section 4 of document N4282 on Anatolian Heiroglyphs.	
b.	Is invited to revise the proposal in document N4262 on Unifon and other characters based on ad hoc discussions at this meeting.	
c.	Is invited to work with the author to revise the proposal in document N4336 on Siddham accommodating the discussion at this meeting.	
AI-60-10	Irish national body - Mr. Michael Everson	
a.	To get more information related to the status, its stability and other clarifications based on the discussions in the meeting on document N4323 - Mwangwego script.	
AI-60-11	Japanese national body - Mr. Tetsuji Orita	
a.	To communicate to Japanese experts document N4369 - response to concerns expressed in document N4361 on Siddham proposal, and the discussion in the meeting.	
AI-60-12	All national bodies and liaison organizations	
	To take note of and provide feedback on the following items.	
a.	document N4357 Old Hanzi Principles & Procedures – version 3.	
b.	documents N4184 , N4322 , N4347 and N4372 related to Nepaalalipi / Newar script.	
c.	SEI liaison report in document N4364 .	
d.	Following items are carried forward from earlier meetings: N4292 - Afáka; N4156 - Annotations for Bengali ISSHAR; N4281 - Annotations for some modifier letters used for transliteration of Hebrew; N4168 and N4163 - Azerbaijani Manat currency sign; N4293 - Bagam; N4016 - Balti 'B'; N3842 - Balti scripts; N4148 - Bengali annotations; N4121 - Bhaiksuki; N4299 - Bodoni Ornament symbols; N4257 - Capitalized Commercial At symbol; N4212 - Combining decimal digits above; N4287 - Coorgi-Cox; N4140 - Dhimal; N3848 - Dhives Akuru; N4207 - Disunifying Emoji symbols for the Western zodiac; N4119 - Diwani Numerals Model; N4122 - Diwani Siyaq Numbers; N4079 - English Phonotypic Alphabet (EPA); N4213 - Four historic Latin letters for Sakha (Yakut); N4261 - Garay; N4291 - Gondi; N4011 - Heraldic hatching characters; N4208 - Historic currency signs of Russia; N4123 - Indic Siyaq; N4130 - Introducing 'Khatt-i	

	<p>Baburi'; N4028 - Jenticha; N4266 - Kawi; N4018 - Khambu Rai; N4019 - Khema; N4037 - Kirat Rai; N3762 - Kpelle; N3768 - Landa; N4162 - Latin letters used in the Former Soviet Union; N4344 - Leke; N4210 - Linguistic Doubt Marks; N3961 - Logographic Pau Cin Hau; N4209 - Low One Dot Leader; N4036 - Magar Akkha; N4032 - Marchen; N4174 - Metrical symbols; N4118 - Model for Numerals of the Ottoman Siyaq System; N4117 - Model for Raqm Numerals; N4160 - Mongolian Square; N4128 - Moon; N3695 - Obsolete Simplified Chinese Characters; N3288 - Old Yi; N4270 - Ornamental Dingbats present on Apple devices;; N4124 - Ottoman Siyaq ; N4125 - Persian Siyaq; N3874 - Pyu; N4283 - Rohingya; N4256 - six punctuation characters introduced by Hervé Bazin; N4077 - Sources for the Encoding of Jurchen; N4215 - TELUGU LETTER RRRRA; N3963 - Tikamuli; N3811 - Tolong Siki; N4025 - Tulu; N4211 - Two Greek modifier letters for Critical Apparatuses.; N4146 - Woleai; N4044 - Zou.</p>	
e.	<p><i>M60.22 (Future meetings):</i> WG2 endorses the following schedule for future meetings of WG2 and of IRG:</p> <p>WG2 meetings:</p> <ul style="list-style-type: none"> Meeting 61 – 2013-06-10/14, Vilnius, Lithuania (invitation is in document N4359) Meeting 62 – 2014-02-24/28, West Coast, USA (location to be confirmed) Meeting 63 – 2014-09, Sri Lanka (tentative); (with China as backup) (co-located with SC2) <p>IRG meetings:</p> <ul style="list-style-type: none"> IRG Meeting 40, HKSAR, 2013-05-20/24, and, IRG Meeting 41, Japan, 2013-11-18/22 (tentative) (China is backup). 	