**ISO/IEC JTC/SC2/WG2 N5244-AI**

**2024-02-06**

**Action Items from**

**ISO/IEC JTC1/SC2/WG2 virtual meeting 70; 2023-06-19/23**

**For review at meeting 71, Prague, Czech Republic, 2024-06-10/14**

(Following is an extract of Action Items (item 17) of document N5244, Unconfirmed minutes from meeting 70.)

V.S. Umamaheswaran, Recording Secretary

# Outstanding Action items

All the action items recorded in the minutes of the previous meetings from 25 to 60, 64 to 66 and 69, have been either completed or dropped. Status of outstanding action items from previous meetings 62, 63, 67, 68 and new action items from meeting 70 are listed in the tables below.

## Outstanding action items from meeting 62, San Jose, CA, USA; 2014-02-24/28

|  |  |  |
| --- | --- | --- |
| **Item** | **Assigned to / action (reference resolutions in document N**[**4554**](http://www.unicode.org/wg2/docs/n4554.pdf)**, and unconfirmed minutes in document N**[**4553**](http://www.unicode.org/wg2/docs/n4553.pdf) **for meeting 62, with any corrections noted in the minutes of meeting 63 in document N**[**4603**](http://www.unicode.org/wg2/docs/n4603.pdf)**).** | **Status** |
| **AI-62-6** | Ad hoc group on Principles and Procedures (Dr. Umamaheswaran) |  |
| **a.** | To take note of section 2.1 in document N[4544](http://www.unicode.org/wg2/docs/n4544.pdf) on Representation of CJK ideograph glyphs; and update the P&P document appropriately.  M63 through M70 -- in progress. | In progress. |
| **b.** | With reference to N[4543](http://www.unicode.org/wg2/docs/n4543.pdf) Character Name considerations; Michel Suignard; 2014-02-20, to elaborate on character names in the P&P document working with Mr. Michael Everson.  M63 through M70 -- in progress. | In progress. |

## Outstanding action items from meeting 63, Colombo, Sri Lanka; 2014-09-29/10-03

|  |  |  |
| --- | --- | --- |
| **Item** | **Assigned to / action (Reference recommendations in document N**[**4604**](http://www.unicode.org/wg2/docs/n4604.pdf)**, and unconfirmed minutes in document N**[**4603**](http://www.unicode.org/wg2/docs/n4603.pdf) **for meeting 63 (with any corrections noted in the minutes of meeting 64 in document N**[**4739**](http://www.unicode.org/wg2/docs/n4739-M64-Minutes.zip)**).** | **Status** |
| **AI-63-6** | Ad hoc group on Principles and Procedures (Dr. Umamaheswaran) |  |
| **a.** | To take note of section 2.1 in document N[4620](http://www.unicode.org/wg2/docs/n4620.pdf) on Representation of CJK ideograph glyphs; and update the P&P document appropriately.  M64 through M70 -- in progress. | In progress. |

## Outstanding action items from meeting 66, Hohhot, Inner Mongolia, China; 2017-09-25/29

|  |  |  |
| --- | --- | --- |
| **Item** | **Assigned to / action (Reference recommendations in document N**[**4874**](http://www.unicode.org/wg2/docs/n4874-WG2-M66-Recommendations.pdf)**, and unconfirmed minutes in document N**[**4953**](http://www.unicode.org/wg2/docs/n4953-M66-Minutes.zip) **for meeting 66, with any corrections noted in the minutes of meeting 67 in document N**[**5020**](http://www.unicode.org/wg2/docs/n5020-M67-Minutes.zip)**).** | **Status** |
| **AI-66-6** | Experts from China (Chen Zhuang), UK (Andrew West), Japan (Toshiya Suzuki), Ireland (Mr. Michael Everson). TCA (Lin Mei Wei), Mongolia experts |  |
|  | To take note of and act on the following item: |  |
| **b.** | *M66.18 (Naxi Dongba script):* WG2 accepts the Naxi Dongba ad hoc report in document N[4895](http://www.unicode.org/wg2/docs/n4769-MongolianAdHoc-3.pdf), and invites the author of the script to provide a revised version with the characters reordered according to the type of classification used in the source dictionaries, based on the revised chart in document N[4898](http://www.unicode.org/wg2/docs/n4898-naxi-dongba-revised-chart.pdf). WG2 recommends to SC2 to accept the revised version of the script, consisting of 1188 characters in a new block Naxi Dongba in the range 1A800...1ACFF for encoding in the standard.  M67 through M70 -- in progress. | In progress. |

## Outstanding action items from meeting 67, SOAS, University of London, London, UK; 2018-06-16/20

|  |  |  |
| --- | --- | --- |
| **Item** | **Assigned to / action (Reference recommendations in document N**[**4954**](http://www.unicode.org/wg2/docs/n4954-WG2-M67-Recommendations.pdf)**, and unconfirmed minutes in document N**[**5020**](http://www.unicode.org/wg2/docs/n5020-M67-Minutes.zip) **for meeting 67, with any corrections noted in the minutes of meeting 68 in document N**[**5122**](https://unicode.org/wg2/docs/n5122-M68-Minutes.pdf)**).** | **Status** |
| **AI-67-7** | BIS (K. Manikandan), Experts on Assamese from India and elsewhere. |  |
|  | To take note of and act on the following item: |  |
| **a.** | *M67.25 (Assamese script):* After consideration of the proposal in document N[4947](https://www.unicode.org/wg2/docs/n4947-Proposal_AssameseScript_ISO10646%20-%20V1.pdf) to encode the Assamese script, WG2 recommends that SC2 accept the ad hoc report on Assamese script in document N[4999](https://unicode.org/wg2/docs/n4999-assamese-adhoc.pdf), which has the following main recommendations:   1. Add Assamese character names in the nameslist as annotations, 2. Change the block header from Bengali to Bengali-Assamese, and, 3. Prepare a revised contribution on new characters to be added.   WG2 encourages the experts on Assamese script to continue the work towards a revised contribution and submit to WG2. WG2 recommends that SC2 invites the national body of India, BIS, to coordinate this effort.  M68 and M70 -- in progress. | In progress. |
| **AI-67-8** | Experts from China (Chen Zhuang), UK (Andrew West), Japan (Toshiya Suzuki), Ireland (Mr. Michael Everson). TCA (Lin Mei Wei), Mongolia experts |  |
|  | To take note of and act on the following items: |  |
| **c.** | *M67.26 (Shuishu script):* WG2 invites the authors of Shuishu script (Block 1B300-1B4FF Shuishu Logograms and Block 1B500-1B52F Shuishu Radicals from document N[4894R](https://www.unicode.org/wg2/docs/n4894-shuishu-adhoc.pdf)) that was taken out of PDAM 2.2 based on ballot comments, to revise their proposal, taking into account the feedback received at this meeting (see documents N[4942](http://www.unicode.org/wg2/docs/n4942_Shuishu-comment1.pdf), N[4946](http://www.unicode.org/wg2/docs/n4946_Shuishu-comment2.pdf) and N[4956](http://www.unicode.org/wg2/docs/n4956-Shuishu-repertoire.pdf)), working with other experts interested in this script.  M68 and M70 -- in progress.. | In Progress. |

## Outstanding action items from meeting 68, Microsoft Campus, Redmond, WA, USA; 2019-06-17/21

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Assigned to / action (Reference recommendations in document N**[**5054**](https://unicode.org/wg2/docs/n5054-WG2-M68-Recommendations.pdf)**, and unconfirmed minutes in document N**[**5122**](https://unicode.org/wg2/docs/n5122-M68-Minutes.pdf) **for meeting 68, , with any corrections noted in the minutes of meeting 69 in document N**[**5199**](https://www.unicode.org/wg2/docs/n5199-M69-Minutes.pdf)**).** | **Status** | |
| **AI-68-7** | Experts from China (Chen Zhuang), and other experts interested in Lisu Monosyllabic script. |  |
|  | To take note of and act on the following item: |  |
| **a.** | *Recommendation M68.18 (Lisu Monosyllabic Script):* WG2 invites the authors of documents N[5047](https://unicode.org/wg2/docs/n5047-LisuMonosyllabicScriptsEncoding.pdf) to revise their proposal on Lisu Monosyllabic script, taking into account the feedback received at this meeting, working with other experts interested in this script.  M70 -- in progress. | In Progress. |
| **AI-68-8** | Experts from TCA (Selena Wei), and other experts interested in Bopomofo. |  |
|  | To take note of and act on the following item: |  |
| **a.** | *Recommendation M68.19 (Bopomofo Script):* WG2 invites the authors of documents N[5088](https://www.unicode.org/wg2/docs/n5088R-Bopomofo.pdf) to revise their proposal on Bopomofo script, taking into account the feedback received at this meeting, working with other experts interested in this script.  M70 -- in progress. | In Progress. |
| **AI-68-9** | Experts from TCA (Selena Wei), China (Chen Zhuang), and other experts interested in Oracle Bone script. |  |
|  | To take note of and act on the following item: |  |
| **a.** | *Recommendation M68.20 (Oracle Bone Script):* WG2 invites the authors of documents N[5090](https://www.unicode.org/wg2/docs/n5090_Re-propose%20the%20Oracle%20Bone%20encoding%20in%202020v.1.pdf) to revise their proposal on Oracle Bone script, taking into account the feedback received at this meeting, working with other experts interested in this script.  M70 -- in progress. | In Progress. |

## New action items from Virtual meeting 70– 2023-06-19/23

|  |  |  |
| --- | --- | --- |
| **Item** | **Assigned to / action (Reference recommendations in document N**[**5234**](https://www.unicode.org/wg2/docs/n5234-WG2-M70-Recommendations.pdf)**, and unconfirmed minutes of meeting 70 in document Nxxxx, the document you are reading.)** | **Status** |
| **AI-70-1** | Recording Secretary - Dr. V.S. UMAmaheswaran |  |
| **a.** | To finalize the document **N**[**5234**](https://www.unicode.org/wg2/docs/n5234-WG2-M70-Recommendations.pdf) containing the adopted meeting recommendations and send it to the convener as soon as possible. | Completed. |
| **b.** | To finalize the document **Nxxxx** containing the unconfirmed meeting minutes and send it to the convener as soon as possible. | Completed. |
| **AI-70-2** | Convener - Mr. Michel Suignard |  |
| **a.** | To add relevant contributions carried forward from previous meetings to agenda of next meeting. (See list of documents under **AI-70-x**, item b below.) |  |
| **AI-70-3** | 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.** | *M70.02 (Disposition of comments of CDAM 2.2):* WG2 recommends that SC2 accept the disposition of ballot comments on CDAM2.2 to 6th edition in document N[5233](https://www.unicode.org/wg2/docs/n5233-CDAM2.2-disposition.pdf). The following significant changes are noted in the disposition document:   1. 603 urgently needed CJK unified ideographs:   2EBF0..2EE4A in a new block in the range 2EBF0..2EE4F named ‘CJK Unified Ideographs Extension I’   1. 1 Kawi character   11F5A KAWI SIGN NUKTA   1. 44 Ol Onal characters in a new block   1E5D0..1E5FA and 1E5FF In a new block in the range 1E5D0..1E5FF, named ‘Ol Onal’   1. 2 Tulu-Tigalari characters   113D2 TULU-TIGALARI GEMINATION MARK  113D3 TULU-TIGALARI SIGN PLUTA |  |
| **b.** | *M70.04 (CJK Horizontal Extensions):* WG2 recommends that SC2 accept the following CJK Horizontal extensions for existing characters to be included in the standard:   1. Addition of 134 K Hanja character proposed in document [N5197](https://www.unicode.org/wg2/docs/n5197_Hanja-134chars-horizontal-extension.pdf). 2. Adding K source reference KU-03E02 for code point 3E02, as proposed in document N[5198](https://www.unicode.org/wg2/docs/n5198_adding_KU-03E02.pdf). 3. Addition of 36422 Kanji extensions for JMJ sources, based on document [N5221](https://www.unicode.org/wg2/docs/n5221-JNB_contribution_2304.pdf). |  |
| **c.** | *M70.05 (Glyph Corrections):* WG2 recommends that SC2 accept the glyph corrections in the standard, for seven out of eight (excluding glyph for code point 18171) Tangut ideographs as proposed in document [N5206,](https://www.unicode.org/wg2/docs/n5206-Tangut-glyph-correction.pdf) and for four more Tangut ideographs as proposed in document N[5237](https://www.unicode.org/wg2/docs/n5206-Tangut-glyph-correction.pdf). |  |
| **d.** | *M70.06 (Progression of CDAM2.2):* WG2 recommends that the Project Editor prepare the final text of CDAM2.3 of the 6th edition of the standard, which will include the changes arising from recommendations **M70.02** through **M70.05** above, along with the final disposition of comments (document  [N[5233](https://www.unicode.org/wg2/docs/n5233-CDAM2.2-disposition.pdf))](https://unicode.org/wg2/docs/n5194-CDAM19-2-DispositionOfComments.pdf), and forward it to the SC2 secretariat for circulating for commenting. The charts are in document N[5235](https://www.unicode.org/wg2/docs/n5235-cdam2-3-drafchart.pdf). The target starting dates are CDAM2.3 2023-08-01, DAM2 2024-06-01, FDAM2 2025-02-01, AMD2 2025-05-01. |  |
| **e.** | *M70.08 (Chisoi script:* WG2 recommends to SC2 to accept for future encoding of **40** characters for Chisoi script at code points 16D80..16D9D, 16DA0..16DA9; in a new block in the range 16D80..16DAF named ‘Chisoi’, based on the proposal in document [L2/22-218R3](https://www.unicode.org/L2/L2022/22218r3-chisoi.pdf). |  |
| **f.** | *M70.09 (Tai Yo script):* WG2 recommends to SC2 to accept for future encoding of **55** characters for Tai Yo script at code points 1E6C0..1E6DE, 1E6E0..1E6F5, 1E6FE, 1E6FF; in a new block in the range 1E6C0..1E6FF named ‘Tai Yo’, based on the proposal in document [L2/22-289R](https://www.unicode.org/L2/L2022/22289r-tai-yo-script.pdf). |  |
| **g.** | *M70.10 (Sidetic script):* WG2 recommends to SC2 to accept for future encoding of **29** characters for Sidetic script at code points 10940..1095C; in a new block in the range 10940..1095F named ‘Sidetic’, based on the proposal in document [L2/23-019](https://www.unicode.org/L2/L2023/23019-sidetic.pdf). |  |
| **h.** | *M70.11 (Tolong Siki script):* WG2 recommends to SC2 to accept for future encoding of **54** characters for Tolong Siki script at code points 11DB0..11DDB, 11DE0..11DE9; in a new block in the range 11DB0..11DEF named ‘Tolong Siki’, based on the proposal in document [L2/23-024](https://www.unicode.org/L2/L2023/23024-tolong-siki.pdf). |  |
| **i.** | *M70.12 (Character Additions):* WG2 recommends to SC2 to accept for future encoding the following additional characters:   1. Two Quranic Arabic characters (based on document [L2/22-281R](https://www.unicode.org/L2/L2022/22281r-two-quranic-arabic-chars.pdf)):   10EFB ARABIC SMALL LOW NOON  10EC5 ARABIC SMALL YEH BARREE WITH TWO DOTS BELOW  (Note: the project editor has the glyphs)   1. Arabic Biblical End Of Verse (based on document [L2/23-103](https://www.unicode.org/L2/L2023/23103-arabic-biblical-end-verse.pdf)):   10ED0 ARABIC BIBLICAL END OF VERSE   1. Blank character for Khitan Small script (based on document [N5205](https://www.unicode.org/wg2/docs/n5205-Khitan-small-blank.pdf)):   18CFF KHITAN SMALL SCRIPT CHARACTER-18CFF   1. Bengali Letter Alternate BA (based on document [L2/22-268R](https://www.unicode.org/L2/L2022/22268r-bengali-alternate-ba.pdf)):   09FF BENGALI LETTER ALTERNATE BA   1. Two characters for Middle English (based on document [N5225](https://www.unicode.org/wg2/docs/n5225-ormulum-thorn-wynn.pdf)):   A7D2 LATIN CAPITAL LETTER DOUBLE THORN  A7D4 LATIN CAPITAL LETTER DOUBLE WYNN |  |
| **j.** | *M70.13 (Additions to Amendment before next WG2 meeting):* 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, Egyptian Hieroglyphs (approx. **3945** characters) mentioned in recommendation M70.07, or other **185** additional characters (captured in document N[5236](https://www.unicode.org/wg2/docs/n5236-Provision.pdf) ) mentioned in recommendations M70.08 to M70.12 above. |  |
| **AI-70-4** | IRG Rapporteur and IRG Editor (Dr. Lu Qin) |  |
|  | To take note of and act upon the following item: |  |
| **a.** | *M70.15 (Future meetings):* WG2 endorses the following schedule for future meetings:  WG2 Meeting 71 – 2024-06 17 21 Prague, Czech Republic (co-located with SC2)  WG2 Meeting 72 – 2025-06 – Seeking Host  IRG#61, Yale University, New Haven, CT, USA; 2023-10-16/20  IRG#62, Online Zoom (Unicode), 2024-03-18/22 |  |
| **AI-70-5** | Ad hoc group on roadmap (Dr. Umamaheswaran) |  |
| **a.** | To update the Roadmaps reflecting the results from this meeting. |  |
| **AI-70-6** | USA (Mr. Michel Suignard) |  |
|  | To take note of and act on the following item: |  |
| **a.** | *M70.07 (Egyptian Hieroglyphs):* WG2 recommends to SC2 to accept in principle for future encoding the proposal for Egyptian Hieroglyphs Extension A in document [N5215](https://www.unicode.org/wg2/docs/n5215-hieroglyphs.pdf), and invites the author to revise the document based on discussion at this meeting. |  |
| **AI-70-7** | China (Mr. Chen Zhuang) |  |
|  | To take note of and act on the following item: |  |
| **a.** | *M70.03 (Feedback on CJK Extension I):* In consideration of preliminary feedback that China will request some changes to the draft repertoire in CJK Unified Ideographs Extension I, and noting China’s urgent need for these characters, WG2 recommends that SC2 invite China to submit a document with comments on CJK Unified Ideographs Extension I to SC2 by end of June 2023, to incorporate changes into the next draft of CDAM2 prior to circulation for comments. |  |
| **AI-70-8** | Ireland (Mr. Michael Everson) |  |
|  | To take note of and act on the following items: |  |
| **a.** | Invited to provide more examples to support the proposal in document N[5227](https://www.unicode.org/wg2/docs/n5227-combining-overcurl.pdf) on Combining Overcurl. |  |
| **b.** | Invited to provide a revised proposal on ‘Encode dashed-box symbols in Plane 14’ in document N[5212](https://www.unicode.org/wg2/docs/n5212r3-dashed-boxes.pdf) addressing the discussion under section 10.3.9. |  |
| **AI-70-9** | Experts from TCA (Selena Wei), China (Chen Zhuang), Japan (Toshiya Suzuki), USA (Mr. Michel Suignard, Dr. Richard Cook) and other experts interested in Small Seal script |  |
|  | To take note of and act on the following item: |  |
| **a.** | *M70.14 (Small Seal script):* WG2 recommends that SC2 note the progress made by the experts from China, TCA, Japan and the US on several revised proposals submitted at this meeting[,](https://unicode.org/wg2/docs/n5191-THX-Properties-Table.pdf) and encourages these experts to continue their co-operative effort towards a consolidated contribution for encoding the script. |  |
| **AI-70-10** | Experts from all national bodies and liaison organizations |  |
|  | To take note of and provide feedback on the following items. |  |
| **a.** | *M70.15 (Future meetings):* WG2 endorses the following schedule for future meetings:  WG2 Meeting 71 – 2024-06 17 21 Prague, Czech Republic (co-located with SC2)  WG2 Meeting 72 – 2025-06 – Seeking Host  IRG#61, Yale University, New Haven, CT, USA; 2023-10-16/20  IRG#62, Online Zoom (Unicode), 2024-03-18/22 |  |
| **b.** | From the items discussed at this meeting:   1. Jurchen script (documents N[4795](http://www.unicode.org/wg2/docs/n4795-jurchen.pdf), N[5131](https://www.unicode.org/wg2/docs/n5131-SupplementaryProposal-to-EncodeJurchen.pdf) and N[5207](https://unicode.org/wg2/docs/n5207-Jurchen.pdf)). See discussion under section 10.2.2. 2. Aiha script (document N[522](https://www.unicode.org/wg2/docs/n5226-aiha.pdf)6. See discussion under section 10.2.9. 3. Blyssymbols (documents N[5149](https://www.unicode.org/wg2/docs/n5149-blissymbols-keyboards.pdf), N[5171](https://www.unicode.org/wg2/docs/n5171-bliss-radicals.pdf) and N[5228](https://www.unicode.org/wg2/docs/n5228-blissymbols.pdf)). See discussion under section 10.2.10. 4. Tangut ideographs and components (documents N[5217](https://www.unicode.org/wg2/docs/n5217-Tangut-components-ideographs.pdf) and N[5218](https://www.unicode.org/wg2/docs/n5218-Tangut-components.pdf)). See discussion under section 10.3.5. |  |
| **c**. | The following is a list of contributions carried forward from earlier meetings. They are open for review and feedback to the authors from interested experts from SC2/WG2 and Liaison organizations. Scripts marked in bold below are new or updates of previous list in Meeting 69 agenda document.  Afáka [**N4292**](hhttp://www.unicode.org/wg2/docs/n4292.pdf), Bagam [**N4293**](http://www.unicode.org/wg2/docs/n4293.pdf), Balti ‘B’ [**N4016**](http://www.unicode.org/wg2/docs/docs/n4016.pdf), Balti scripts [N3842](http://www.unicode.org/wg2/docs/n3842.pdf), Beria [L2/08-265](https://www.unicode.org/L2/L2008/08265-beria-branding.pdf), Bété [L2/19-044](https://www.unicode.org/L2/L2019/19044-bete-script.pdf), Bima [L2/16-119](http://www.unicode.org/L2/L2016/16119-bima.pdf), Brusha [L2/17-183](http://www.unicode.org/L2/L2017/17183-brusha.pdf), Buginese extensions [L2/16-159](http://www.unicode.org/L2/L2016/16159-buginese-ext.pdf), Chinese Chess Symbols [N3910](http://www.unicode.org/wg2/docs/n3910.pdf), CJK Buddhist symbols [N5166](https://www.unicode.org/wg2/docs/n5166-SAT_buddhist_symbols_proposal.pdf), Diwani Siyaq Numbers [L2/15-066R](https://www.unicode.org/L2/L2015/15066r-diwani-siyaq.pdf), Eebee Hmong [N4668](http://www.unicode.org/wg2/docs/n4668-eebee-hmong.pdf), Jianzi Musical Notation and Format Controls, [N5041](https://unicode.org/wg2/docs/n5041-Jianzi.pdf), Kerinci [L2/16-074](http://www.unicode.org/L2/L2016/16074-kerinci.pdf), Khambu Rai [N4018](https://www.unicode.org/wg2/docs/n4018.pdf), Khatt-i Baburi [N4130](http://www.unicode.org/wg2/docs/n4130.pdf), Khitan Large script [N4631,](https://www.unicode.org/wg2/docs/n4631.pdf) [N4642](https://www.unicode.org/wg2/docs/n4642.pdf), Khotanese [**L2/15-02**2](http://www.unicode.org/L2/L2015/15022-khotanese.pdf), Kpelle [N3762](http://www.unicode.org/wg2/docs/n3762.pdf), Kulitan [L2/15-232](http://www.unicode.org/L2/L2015/15232-kulitan.pdf), Lampung [**L2/22-044**](http://www.unicode.org/L2/L2022/22044-lampung.pdf), Landa [**N3768**](http://www.unicode.org/wg2/docs/n3768.pdf), Leke [N4438](http://www.unicode.org/wg2/docs/n4438.pdf), Linear Elamite [L2/21-233](https://www.unicode.org/L2/L2021/21233-linear-elamite.pdf), Lisu Monosyllabic [N5047](https://unicode.org/wg2/docs/n5047-LisuMonosyllabicScriptsEncoding.pdf),[N5121](https://unicode.org/wg2/docs/n5121-discussion-report-of-Lisu-Syllabary_20190714-1900.pdf), Loma [N4786,](https://www.unicode.org/wg2/docs/n4786-loma.pdf) [N4837](https://www.unicode.org/wg2/docs/n4837-loma.pdf), Lota Ende [**L2/16-076**](http://www.unicode.org/L2/L2016/16076-ende.pdf), Mandombe [**L2/16-077R**](http://www.unicode.org/L2/L2016/16077r-mandombe.pdf), Moon[**N4128**](http://www.unicode.org/wg2/docs/n4128.pdf), Mwangwego [**N4323**](http://www.unicode.org/wg2/docs/n4323.pdf), Naxi Dongba [N4898](http://www.unicode.org/wg2/docs/n4898-naxi-dongba-revised-chart.pdf), Naxi Geba [N4886](http://www.unicode.org/wg2/docs/n4886-naxi-geba-fangguoyu.pdf),[N4887](http://www.unicode.org/wg2/docs/n4887-naxi-geba-lilincan.pdf), Obsolete Simplified Chinese Ideographs [**N3695**](http://www.unicode.org/wg2/docs/n3695.pdf), Old Yi [**N3288**](http://www.unicode.org/wg2/docs/n3288.pdf), Oracle Bone [N5090](https://unicode.org/wg2/docs/n5090_Re-propose%20the%20Oracle%20Bone%20encoding%20in%202020v.1.pdf), Palaeohispanic Norther[n L2/22-146](https://www.unicode.org/L2/L2022/22146-north-paleohispanic.pdf), Palaeohispanic Southern [L2/22-147](https://www.unicode.org/L2/L2022/22147-south-paleohispanic.pdf), Pau Cin Hau Syllabary [L2/16-014](http://www.unicode.org/L2/L2016/16014-paucinhau-syllabary.pdf), Persian Siyaq [L2/21-105](https://www.unicode.org/L2/L2021/21105-persian-siyaq.pdf), Proto-Cuneiform [L2/22-239](https://www.unicode.org/L2/L2022/22239-proto-cuneiform.pdf), Proto-Elamite [L2/20-192](https://www.unicode.org/L2/L2020/20192-proto-elamite.pdf), Pungchen [L2/17-181](http://www.unicode.org/L2/L2017/17181-pungchen.pdf), Pyu [N3874](http://www.unicode.org/wg2/docs/n3874.pdf), Ranjana [L2/23-028](https://www.unicode.org/L2/L2023/23028-ranjana.pdf), Shuishu [N4758](https://www.unicode.org/wg2/docs/n4758-Proposal%20for%20encoding%20Shuishu2016Sep3.pdf), [N4922](https://www.unicode.org/wg2/docs/n4922-5theditionPdam2-2-charts.pdf), [N4839](https://www.unicode.org/wg2/docs/n4839-shuishu.pdf), [N4956](https://www.unicode.org/wg2/docs/n4956-Shuishu-repertoire.pdf), [N4942](https://www.unicode.org/wg2/docs/n4942_Shuishu-comment1.pdf), [N4946,](https://www.unicode.org/wg2/docs/n4946_Shuishu-comment2.pdf) [N5110](https://www.unicode.org/wg2/docs/n5110-report-of-suishu-discussion-in-wg2-68.pdf), Southwest China Hieroglyphs [N4856](http://www.unicode.org/wg2/docs/n4856-PreliminaryProposalSouthwestChinaMinorityHieroglyphsPart1MuyaAndNamuz-2017-09-07.pdf),[N4901](http://www.unicode.org/wg2/docs/n4901-PreliminaryProposalErsuHieroglyphs.pdf), Sumbawa [L2/16-096](http://www.unicode.org/L2/L2016/16096-sumbawa.pdf), Tamga symbols [N5092](https://unicode.org/wg2/docs/n5092-Tamga_proposal.pdf), Tocharian [L2/15-236](http://www.unicode.org/L2/L2015/15236-tocharian.pdf), Vexillology symbols [L2/17-089](http://www.unicode.org/L2/L2017/17089-vexillology-symbols.pdf), Western Cham [N5098](https://unicode.org/wg2/docs/n5098-WCham_Proposal_1906.pdf),[L2/22-095](https://www.unicode.org/L2/L2022/22095-western-cham.pdf), Woleai [N4146](http://www.unicode.org/wg2/docs/docs/n4146.pdf), Zou [**N4044**](http://www.unicode.org/wg2/docs/n4044.pdf)**.** |  |