Proposal to Encode Chinese Characters Used for Transcribing Slavonic

L2/13-009; IRG N1954

Yuri Shardt, Mitrophan Chin, Aleksandr Andreev, Deborah Andersen

Introduction

This document details the proposed addition of Chinese ideographs used for transliterating Slavonic syllables. The following documents are enclosed in this folder:

- 1) **IRG_Unicode_13009.A.pdf**: This document, which presents the relevant evidence for the proposed new characters, as well as the proposal summary sheet.
- 2) IRG_Unicode_13009.B.xlsx, which is an Excel file containing the U-Source ID, Status, Unicode Codepoint, Radical-Stroke Count, Virtual Kangxi Dictionary Count, IDS Source, and Final Stroke Count. A summary of this table is presented as Figure 1 in this document.
- 3) **IRG_Unicode_13009.ttf**, which contains the TrueType font for the proposed characters. The characters are located in the Private Use Area starting with U+E000 with the codepoint incrementing by one for each character. The order of characters is the same as the order in Table 1.
- 4) **IRG_Unicode_13009.zip**, which is a zip folder containing bitmaps of all the proposed characters. The filenames of the individual bitmaps correspond with the U-Source ID of the corresponding character.

This submission is sponsored by the Script Encoding Initiative at UC Berkeley, an organization with Class C liaison to SC2. This submission is *not* sponsored by the Unicode Technical Committee or the Unicode Consortium. SEI is using the "UTC-" prefix as a U-Source identifier as a convenience, so there will be a well-known, stable source. The characters in this submission are listed in UAX #45 with these "UTC-" identifiers. Please note that a "UTC-" number in UAX #45 does not mean that the character with that identifier is sponsored by the Unicode Technical Committee. It is simply a catalogue number.

Background

The development of renewed contacts between the Russian and Chinese Empires in the time period between A.D. 1700 and 1900 led to an interest in the translation of Slavonic literary documents into both classical and vernacular Chinese. One of the main forces encouraging these translations was the Russian Mission (roughly equivalent to an embassy) in Beijing. Many of these translations are unusual in that they created new Hanzi characters to represent syllables not usually found in Chinese. In order to properly digitise these documents, there is a need to encode

these characters in Unicode, so that their significance, usage, and occurrence can be more easily elucidated.

One area where there was an acute need for special Hanzi characters was in the translation of liturgical texts into Chinese and Japanese. In order to accomplish this task for Chinese, Archimandrite Gurias ($n\acute{e}$ Gregory Platonovich Karpov)¹, head of the 14^{th} Russian Mission in Beijing, devised a series of Hanzi characters for representing syllable structures not found in Chinese. Subsequently, under the direction of Archimandrite Innocent ($n\acute{e}$ Ivan Appolonovich Figurovsky)², the head of the 18^{th} Russian Mission, a decision was taken to translate the texts into the vernacular Chinese language, primarily Mandarin, and to simplify the characters used. Nevertheless, a few new characters were introduced. Similiarly, the translator Michael Hakugoku³ adopted Archimandrite Gurias's series of characters for transcribing these sounds into the Japanese script using slightly different phonetic values, for example, \square \square \square which is used to represent the sound ni in Chinese, represents a final ni in Japanese. Since the same kanji can represent multiple readings depending on context in the Japanese language, Archimandrite Gurias's transliteration scheme was supplemented and quickly replaced by katakana in providing Slavonic-derived readings of proper names under the direction of Bishop Nikolai ($n\acute{e}$ Ivan Dimitrovich Kasatkin)⁴, the head of the first Russian Mission in Japan.

Table 1 shows a summary of the proposed 20 characters along with their standard Mincho (print) and Kaishu (brush stroke) forms, and names, while Figure 1 presents a screenshot of the corresponding Excel spreadsheet file that contains additional required information. Of the proposed characters, all but the abbreviation for Jesus and Christ and the simplified ri form were first proposed by Archimandrite Gurias. The increased emphasis on translating into the vernacular Chinese language led to character simplification. In most cases, the right-hand component was dropped and the resulting character was used. The following cases have special

¹ Later, he became the Archbishop of Tauria and Simferopol (1867). In 2008, he was glorified by the Ukrainian Orthodox Church. His name is also given as Gury, which is a transliteration based on the Slavonic form.

² Later, he became the Bishop of Pereslavl (1902), the Archbishop of Beijing (1921), and then Metropolitan of Beijing.

³ Michael Hakugoku Kiyoshi (白極潔) was born in Sendai. There is limited information about his life, but it is known that he was in the 4th year of the seminary programme in 1878. It is also known that he later became a translator after graduation and that he died young.

⁴ He later become the Archbishop of Tokyo in 1907.

格 to 碣, 山耶克 to either 楷 or 碣, 山耶合 to 叶, and 山伊格 to 吉. All of the simplified forms are already encoded in Unicode and hence do not need to be added. In addition to the simplification, Archimandrite Innocent introduced an abbreviation character for the names *Christ* and *Jesus*, which were then used in the translations (see for example, Figure 20 and Figure 21). Finally, it can be noted that the simplified *ri* form was also developed and used. It is proposed that these glyphs be encoded as a block and be sorted based on their underlying Slavonic phonetic values based on Chinese usage and Slavonic sort order.

| U-Source ID | Radical- Stroke Count | Virtual Kangxi Dictionary Count | IDS | Source | First Stroke Count |
|----------------|-----------------------------|--|------|---------------------|--------------------------|
| UTC-01179 | 140.18 | 1071.201 | Ⅲ英微 | UTCDoc L2/13-009 1 | 2 |
| UTC-01180 | 128.12 | 970.091 | Ⅲ耶格 | UTCDoc L2/13-009 2 | 2 |
| UTC-01181 | 9.14 | 120.111 | Ⅲ伊格 | UTCDoc L2/13-009 3 | 1 |
| UTC-01182 | 128.9 | 968.391 | Ⅲ耶克 | UTCDoc L2/13-009 4 | 2 |
| UTC-01183 | 9.11 | 116.041 | Ⅲ伊克 | UTCDoc L2/13-009 5 | 2 |
| UTC-01184 | 64.19 | 464.251 | □拉爾 | UTCDoc L2/13-009 6 | 4 |
| UTC-01185 | 138.17 | 1014.011 | Ⅲ郎爾 | UTCDoc L2/13-009 7 | 4 |
| UTC-01186 | 78.16 | 584.091 | Ⅲ列爾 | UTCDoc L2/13-009 8 | 2 |
| UTC-01187 | 75.23 | 564.231 | Ⅲ楞爾 | UTCDoc L2/13-009 9 | 2 |
| UTC-01188 | 173.19 | 1383.061 | □雷爾 | UTCDoc L2/13-009 10 | 2 |
| UTC-01189 | 115.16 | 861.451 | Ⅲ利爾 | UTCDoc L2/13-009 11 | 2 |
| UTC-01190 | 115.7 | 854.201 | Ⅲ利尔 | UTCDoc L2/13-009 12 | 2 |
| UTC-01191 | 15.22 | 133.561 | □凌爾 | UTCDoc L2/13-009 13 | 1 |
| UTC-01192 | 122.28 | 950.371 | Ⅲ羅爾 | UTCDoc L2/13-009 14 | 3 |
| UTC-01193 | 170.23 | 1363.191 | Ⅲ隆爾 | UTCDoc L2/13-009 15 | 3 |
| UTC-01194 | 195.18 | 1480.431 | Ⅲ魯爾 | UTCDoc L2/13-009 16 | 2 |
| UTC-01195 | 128.8 | 968.221 | Ⅲ耶合 | UTCDoc L2/13-009 17 | 2 |
| UTC-01196 | 9.10 | 114.051 | Ⅲ伊合 | UTCDoc L2/13-009 18 | 1 |
| UTC-01197 | 1.6 | 78.131 | ⊟合一 | UTCDoc L2/13-009 19 | 3 |
| UTC-01198 | 1.8 | 78.171 | ■人伊一 | UTCDoc L2/13-009 20 | 3 |

Figure 1: Summary of the Excel file containing the character information

Table 1: Summary of proposed new characters

| | | U- | FOIIII | | Comments | |
|---------------|-------------|--------------|--|--------|--|--|
| Name | Composition | Source ID | Kaishu | Mincho | Comments | |
| CJK SLAVONIC | Ⅲ英微 | UTC- | 英微 | 英微 | equivalent to vin (вин) as in Навин (Nun, 那旦英 | |
| IDEOGRAPH VIN | 82F1,5FAE | 01179 |)\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | NVA | · 微) | |
| CJK SLAVONIC | Ⅲ耶格 | UTC- | 耶格 | 耶格 | equivalent to ge (ге) as in Нигер (Niger, 尼□耶格 | |
| IDEOGRAPH GE | 8036,683C | 01180 | II TI | HIH | 爾) | |
| CJK SLAVONIC | Ⅲ伊格 | UTC- | 伊格 | 伊格 | equivalent to gi (ги) as in Сергия (Sergius, 些爾口 | |
| IDEOGRAPH GI | 4F0A,683C | 01181 | ν 10 | I/TH | · 伊格Z) | |
| CJK SLAVONIC | Ⅲ耶克 | UTC- | 鿣 | 枙 | equivalent to ke (ке) as in Кесария (Caesarea, □耶 | |
| IDEOGRAPH KE | 8036,514B | 01182 | 11190 | 4170 | · 克薩□利爾亞) | |
| CJK SLAVONIC | Ⅲ伊克 | UTC- | 焼 | 鿙 | equivalent to ki (ки) as in Езекия (Hezekiah, 耶捷□ | |
| IDEOGRAPH KI | 4F0A,514B | 01183 | リル・カン | | 伊克亞) | |
| CJK SLAVONIC | Ⅲ拉爾 | UTC- | 協 | 鿜 | equivalent to ra (pa) as in Израиль (Israel 伊斯旦拉 | |
| IDEOGRAPH RA | 62C9,723E | 01184 | 1489 1484 | | ·爾伊利) | |

| | U- | | Form | | |
|----------------------------|-------------|--------------|--|-------------------|--|
| Name | Composition | Source ID | Kaishu | Mincho | Comments |
| CJK SLAVONIC | Ⅲ郎爾 | UTC- | 郎爾 | 即爾 | equivalent to ran (ран) as in Аран (Haran, 哈爾旦郎 |
| IDEOGRAPH RAN | 90CE,723E | 01185 | ri rri | 시기제 | 爾) |
| CJK SLAVONIC | Ⅲ列爾 | UTC- | 列爾 | 列爾 | equivalent to re (ре) as in Назарет (Nazareth, 邦匝 |
| IDEOGRAPH RE | 5217,723E | 01186 | 7 [6] | | □列爾特) |
| CJK SLAVONIC | □楞爾 | UTC- | 楞爾 | 楞爾 | equivalent to ren (рен) as in Терентий (Terence, 鐵 |
| IDEOGRAPH REN | 695E,723E | 01187 | 1/ /M3 | 11/144 | □楞爾提Z) |
| CJK SLAVONIC | □雷爾 | UTC- | 雷爾 | 重新 | equivalent to reia (рея) as in назареянин (Nazarene, |
| IDEOGRAPH REIA | 96F7,723E | 01188 | 雷爾雷爾 | | 那作□雷爾) |
| CJK SLAVONIC | | UTC- | 初下 | 41 515 | equivalent to <i>ri</i> (ри) as in Христос (Christ, 合皿利爾 |
| IDEOGRAPH RI | 5229, 723E | 01189 | 檷 | 柳爾 | · 斯托斯); can also represent a final <i>l</i> in Japanese |
| | , | | | | transcriptions. |
| CJK SLAVONIC | □利尔 | UTC- | 称 | 争 | Simplified variant of 四利爾. Same usage as the |
| IDEOGRAPH SIMPLIFIED RI | 5229,5C14 | 01190 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 桃 | traditional ri. |
| SIMPLIFIED KI | | | | | |

| | ~ | U- | Form | | |
|---------------|-------------|--------------|-----------------|---------------------|--|
| Name | Composition | Source ID | Kaishu | Mincho | Comments |
| CJK SLAVONIC | ∭凌爾 | UTC- | 凌爾 | 凌爾 | equivalent to <i>rin</i> (рин) as in Коринф (Corinth, 适口 |
| IDEOGRAPH RIN | 51CC,723E | 01191 | 12m | ¹ 2×1999 | 凌爾福) |
| CJK SLAVONIC | □羅爾 | UTC- | 羅爾 | 羅爾 | equivalent to ro (po) as in романский (Roman, □羅 |
| IDEOGRAPH RO | 7F85,723E | 01192 | 《 注网 《註例 | | 爾瑪) |
| CJK SLAVONIC | Ⅲ隆爾 | UTC- | 隆爾 | 隆爾 | equivalent to ron (рон) as in Аарон (Aaron, 阿可可 |
| IDEOGRAPH RON | 9686,723E | 01193 | (±rrj | 「生M | · 隆爾) |
| CJK SLAVONIC | Ⅲ魯爾 | UTC- | 魯爾 | 魯爾 | equivalent to <i>ru</i> (ру) as in Иерусалим (Jerusalem, 耶 |
| IDEOGRAPH RU | 9B6F,723E | 01194 | H PA | 日内 | □魯爾薩利木) |
| CJK SLAVONIC | Ⅲ耶合 | UTC- | 耶合 | 船 | equivalent to khe (xe) as in Сихем (Shechem, 西口 |
| IDEOGRAPH KHE | 8036,5408 | 01195 | भाग प्राप | | 耶合木) |
| CJK SLAVONIC | Ⅲ伊合 | UTC- | 鿘 | 肣 | equivalent to khi (хи) as in Мелхий (Melchi, 羋利 🗆 |
| IDEOGRAPH KHI | 4F0A,5408 | 01196 | וים ווים | | 伊合乙) |

| | | U- Fo | | orm | | |
|------------------|-------------|--------|--------|----------|--|--|
| Name | Composition | Source | | | Comments | |
| | | ID | Kaishu | Mincho | | |
| | | | | | abbreviation for the word <i>Christ</i> (Христос, Khristos). | |
| CJK SLAVONIC | □合一 | UTC- | 合 | 合 | The full form in Classical Chinese would be 合旦利 | |
| IDEOGRAPH CHRIST | 5408,4E00 | 01197 | | <u> </u> | | |
| | | | | | 爾斯托斯. | |
| CJK SLAVONIC | ■人伊一 | UTC | | • | abbreviation for the word <i>Jesus</i> (Иисус, Iisus). The | |
| | 4EBA,4F0A, | UTC- | 金 鿗 | | | |
| IDEOGRAPH JESUS | 4E00 | 00198 | | | full form in Classical Chinese would be 伊伊穌斯. | |

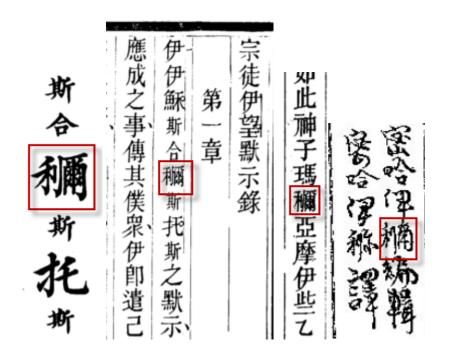


Figure 2: Examples of CJK SLAVONIC IDEOGRAPH RI (first, from left) from the cover page of the New Testament translated by Archimandrite Gurias (1864), (second) Book of Revelation showing use of the same character (1864), (third) from the front matter from the New Testament (1864), and (fourth) example from the cover page of a Japanese translation of the commentaries on the Gospel of St. Matthew (Archimandrite Michael of Kursk, Ming 15/16). It should be noted that in the last example the proposed character is used to represent an original final *l* in Michael.



Figure 3: Example of CJK SLAVONIC IDEOGRAPH SIMPLIFIED RI from (left) the front matter from the New Testament (1864) in chopmark seal style and (right) example from the cover page of a Japanese translation of the commentaries on the Gospel of St. Matthew (Archimandrite Michael of Kursk, Ming 15/16). It should be noted that in the last example the proposed character is used to represent an original final *l* in Michael.

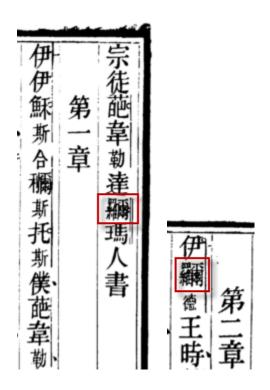


Figure 4: Example of CJK SLAVONIC IDEOGRAPH RO (left) from the start of the Epistle to the Romans (1864) and the name Herod at Matthew 2:1 from the New Testament (1864).

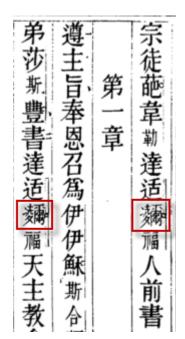


Figure 5: Example of CJK SLAVONIC IDEOGRAPH RIN from the start of the First Epistle to the Corinthians (1864).

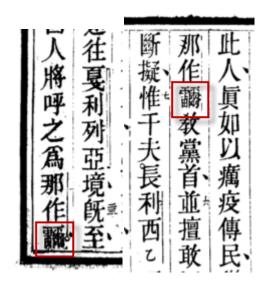


Figure 6: Examples of CJK SLAVONIC IDEOGRAPH REIA from (right) Matthew 2:23 and (left) Acts 24:5 (1864).



Figure 7: Example of CJK SLAVONIC IDEOGRAPH RU from Matthew 2:1 (1864).



Figure 8: Example of CJK SLAVONIC IDEOGRAPH RE from Matthew 2:23 (1864).

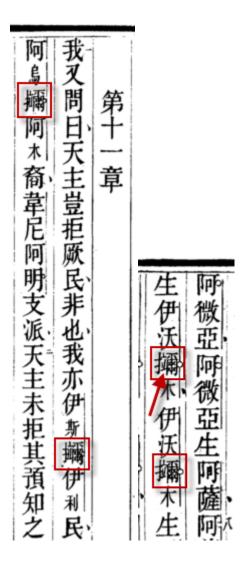


Figure 9: Examples of CJK SLAVONIC IDEOGRAPH RA (left) Romans 11:1 and (right) Matthew 1:8 (1864).



Figure 10: Example of CJK SLAVONIC IDEOGRAPH KI from Matthew 1:9-10 (1864).

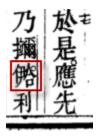


Figure 11: Example of CJK SLAVONIC IDEOGRAPH KHI from Matthew 2:18 (1864).



Figure 12: Example of CJK SLAVONIC IDEOGRAPH GE from Mark 3:17 (1864).

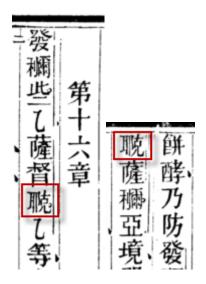


Figure 13: Examples of CJK SLAVONIC IDEOGRAPH KE from (left) Matthew 16:1 and (right) Matthew 16:13 (1864).

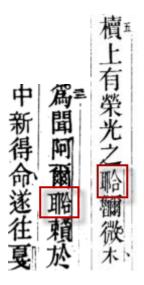


Figure 14: Examples of CJK SLAVONIC IDEOGRAPH KHE from (left) Matthew 2:22 and (right) Hebrews 9:5 (1864).

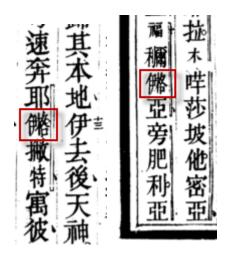


Figure 15: Examples of CJK SLAVONIC IDEOGRAPH GI from (left) Matthew 2:13 and (right) Acts 2:10 (1864).



Figure 16: Example of CJK SLAVONIC IDEOGRAPH RON from Luke 1:5 (1864).



Figure 17: Examples of CJK SLAVONIC IDEOGRAPH RAN from (left) Acts 7:2, 4 and (right) 1 Corinthians 16:22 (1864).

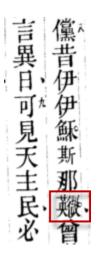


Figure 18: Example of CJK SLAVONIC IDEOGRAPH VIN from Hebrews 4:8 (1864).



Figure 19: Examples of CJK SLAVONIC IDEOGRAPH REN from (left) *The Summary of New Testament Salvation History: Life of Christ* translated by Archimandrite Gurias (1861) and (right) title page of the *Mirror of an Orthodox Confession* by St. Demetrius (Dimitry) of Rostov translated by Archimandrite Gurias (Saint Demetrius of Rostov, 1860).



Figure 20: Examples of CJK SLAVONIC IDEOGRAPH CHRIST from (left) Psalm 2:2 from Bishop Innocent's translation of the Psalter into Mandarin (Psalter in Mandarin, 1910) and (right) extract from a manuscript of the Horologion translated into the vernacular Chinese language found in Harbin, China from 1930/40.

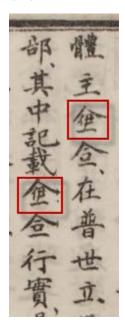


Figure 21: Example of CJK SLAVONIC IDEOGRAPH JESUS from Bishop Innocent's translation of the commentary on the Gospel of St. Matthew (1911).

Acknowledgement

The authors would like to acknowledge of help of John Jenkins in preparing the IRG submission.

References

- Archimandrite Michael of Kursk. (Ming 15/16). *Commentaries on the Gospel of St. Matthew*. (M. Hakugoku, Trans.) Japan. Retrieved from http://kindai.ndl.go.jp/info:ndljp/pid/825673?itemId=info%3Andljp%2Fpid%2F825673&__lang=en
- Commentary on the Gospel of St. Matthew. (1911). (Bishop Innocent, Trans.) Beijing: Russian Mission. Retrieved from http://orthodox.cn/bible/1911nt/Book_01/1911matthew_sm.pdf
- New Testament in Chinese. (1864). (Archimandrite Gurias, Trans.) Beijing: Russian Mission. Retrieved from http://archive.wul.waseda.ac.jp/kosho/bunko08/bunko08_d0417/
- *Psalter in Mandarin.* (1910). (Bishop Innocent, Trans.) Beijing: Russian Mission. Retrieved from http://orthodox.cn/bible/psalter/1910/index.html
- Saint Demetrius of Rostov. (1860). *Mirror of an Orthodox Confession*. (Archimandrite Gurias, Trans.) Beijing: Russian Mission. Retrieved from http://catalogue.nla.gov.au/Record/1828830
- The Summary of New Testament Salvation History: Life of Christ. (1861). (Archimandrite Gurias, Trans.) Beijing: Russian Mission. Retrieved from http://nla.gov.au/nla.gen-vn1815414

Annex F: IRG Repertoire Submission Summary Form

ISO/IEC JTC 1/SC 2/WG 2/IRG PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS FOR ADDITIONS OF CJK UNIFIED IDEOGRAPHS TO THE REPERTOIRE OF ISO/IEC 10646 Please fill in all the sections below.

Please read Principles and Procedures Document (P & P) from http://appsrv.cse.cuhk.edu.hk/~irg/irg31/IRGN1562.pdf for guidelines and details before filling in this form.

Please ensure you are using the latest Form from http://appsrv.cse.cuhk.edu.hk/~irg/SubmissionForm.pdf. See also http://appsrv.cse.cuhk.edu.hk/~irg/UCV.html for latest URITION INTERCATION INTERCATIO

| A. Administrative | | | | | | | |
|---|---|---|--------------------------|------------|--|--|--|
| 1. IRG Project Code: | SEI Urgently Needed Characters | | | | | | |
| 2. Title: | Proposal to Encode Chinese Characters Used for Transcribing Slavonic | | | | | | |
| 3. Requester's region/cour | | | | | | | |
| 4. Requester type (National Body/Individual contribution): Liaison contribution (class C to SC2) | | | | | | | |
| 5. Submission date: | er 2013 | | | | | | |
| | 6. Requested Ideograph Type (Unified or Compatibility Ideographs) Unified Ideographs | | | | | | |
| | | the intention to register the | | N/A | | | |
| #37) with the IRG's a | approval? (Regi | stration fee will not be char | ged if authorized by the | | | | |
| 7. Request Type (Normal F | | ntly Needed) | Urgently N | Needed | | | |
| 8. Choose one of the follow | | | | | | | |
| This is a complete | | | | Yes | | | |
| (or) More informat | ion will be provid | led later: | | | | | |
| B. Technical – General | | | | | | | |
| 1. Number of ideographs in | n the proposal: | | | 20 | | | |
| 2. Glyph format of the prop | osed ideograph | s: (128x128 "bmp" files or | TrueType font file) | | | | |
| If 'bmp' files, their file | names are the | same as their Source IDs? |) | | | | |
| If TrueType font, all proposed glyphs are put into BMP PUA area? Yes | | | | | | | |
| If TrueType font, data for Source IDs vs. character codes are provided? | | | | | | | |
| 3. Source IDs: | | • | | | | | |
| | | a unique, proper Source I | D (country/region code | Yes | | | |
| 4. Evidence: | | | | | | | |
| | | ive the separate evidence of printed materials (prefe | | Yes | | | |
| b. Do all the printed materials used for evidence provide enough information to track them by a third party (ISBN numbers, etc.)? | | | | | | | |
| 5. Attribute Data Format: | Excel file or CS | V) | | Excel File | | | |

C. Technical - Checklist

| Unc | lerstandings of the Unification Checklist | |
|-----|---|-------------|
| 1. | Has the requester read ISO/IEC 10646 Annex S and did the requester understand the unification policy? | Yes |
| 2. | Has the requester read the "Unifiable Calligraphic Variations" (contact IRG technical editor through the Rapporteurfor the latest one) and did the requester understand the unifiable variation examples? | Yes |
| 3. | Has the requester read this P&P document and did the requester understand the 5% rule? | Yes |
| | racter-Glyph Duplication Checklist(http://www.itscj.ipsj.or.jp/sc2/open/pow.htm | |
| | tains all the published ones and those under ballot) | |
| 4. | Has the requester checked that any of the proposed ideographs is <i>not unifiable</i> with the unified or compatibility ideographs of ISO/IEC 10646? | Yes |
| _ | If yes, which version of ISO/IEC 10646 did requester check? (e.g. 10646:2003) | 10646:2013 |
| 5. | Has the requester checked that any of the proposed ideographs is not unifiable with the ideographs in Amendments of current ISO/IEC 10646? (As of 2009, Amendment 1, 4, 5, 6and 8 have CJK ideographs.) | N/A |
| | If yes, which amendments did requester check? | N/A |
| 6. | Has the requester checked that any of the proposed ideographs is not unifiable with the ideographs in the current IRG working sets or proposed amendments of ISO/IEC 10646? (As of 2009, PDAM 6 and PDAM 8 have CJK ideographs.) | Yes |
| | If yes, which draft amendments did requester check? | Extension F |
| 7. | Has the requester checked that any of the proposed ideographs is <i>not unifiable</i> with the ideographs in the current working M-set and D-set of the IRG? (Contact IRG chief editor and technical editor through the IRG Rapporteur for the newest list) | Yes |
| | If yes, which document did requester check? | GN1921 (CJK |
| | Ext | F. v1.0) |
| 8. | Has the requester checked that any of the proposed ideographs is not unifiable with the over-unified or mis-unified ideographs in ISO/IEC 10646? (Check Annex E of this document). | Yes |
| 9. | Has the requester checked that any of the proposed ideographs <i>has similar ideograph(s)</i> with the ideographs in the current standardized or working set mentioned above? | Yes |
| 10. | Has the requester checked that any of the proposed ideographs <i>has variant ideograph(s)</i> with the ideographs in the current standardized or working set mentioned above? | Yes |
| | ibute Data Checklist | |
| 11. | Do all the proposed ideographs have attribute data such as the KangXi radical code, stroke count and first stroke? | Yes |
| 12. | Are there any simplified ideographs (ideographs that are based on the policy described in 簡化字總表) in the proposed ideographs? | No |
| | If YES, does your proposal include proper simplified/traditional indication flag for each proposed ideograph in attribute data? | |
| 13. | Do all the proposed ideographs have the document page number of evidence documents in attribute data? | Yes |
| 14. | Do all the proposed ideographs have the proper Ideographic Description Sequence (IDS) in attribute data? | Yes |
| | If NO, how many proposed ideographs do not have the IDS? | |
| 15. | If the answer to question 9 or 10 is yes, do the attribute data include any information on similar/variant ideographs for the proposed ideographs? | Yes |
| | | |