

Universal Multiple-Octet Coded Character Set  
International Organization for Standardization  
Organisation Internationale de Normalisation  
Международная организация по стандартизации

**Doc Type: Working Group Document****Title: Input on encoding Nushu****Source: Michael Everson****Status: Individual Contribution****Action: For consideration by JTC1/SC2/WG2 and UTC****Date: 2012-10-19**

The contribution N4341 *Updated Proposal for encoding Nyushu in the SMP of the UCS* from China marks another step forward towards encoding Nushu in the UCS. The mapping table to Chiang 19xx was particularly welcome. I would like to make a number of observations and recommendations, and provide herewith a names list and code chart that could be suitable for ballot.

**1. ASCII transcriptions.** The set of transcriptions proposed in N4341 is somewhat inconsistent. It uses some simple re-spellings for some phonetic characters but uses Pinyin transcriptions for others. proposed some changes to their ASCII transcriptions:

For  $\emptyset$  the authors propose EO; I suggest OE, which is the more usual representation for  $\emptyset$ .

For *w* the authors propose w; I agree with this, but in the names list, many of the names which should have a -w have been written with -Y instead.

For the aspirate ‘ the authors propose H; I agree with this.

For *te* the authors propose J; for *te'* the authors propose Q; for *e* the authors propose X; I prefer to write TC, TCH, and C for these three. (Otherwise the transcription system is half-Pinyin; in full Pinyin it would write *p* as B and *p'* as P; *t* as D and *t'* as T; *ts* as Z and *ts'* as C; *te* as J and *te'* as Q; and *k* as G and *k'* as K.)

For *ŋ* the authors propose NJ; I agree with this, but in the names list, many of the names which should have a NJ- have been written with N- instead.

The authors describe the tone order of the seven tones (44, 42, 35, 13, 21, 33, and 5) and say that they name these with  $\emptyset$  and five (not six) Latin letters A–D. This seems a lot more confusing than just using the tone numbers themselves as elements in the names.

In sum, I recommend to change two finals from EO and UEO to OE and UOE, to add tone numbers at the end of each syllable, and to write the initials P PH M F V T TH N L TS TSH S TC TCH NJ C K KH H. In Pinyin these would be B P M F V D T N L Z C S J Q [NJ] C G K H.

**2. Ordering.** The repertoire is ordered according to each character's stroke count, and within each stroke-count set the characters are ordered according to pronunciation. Some questions:

- Is this phonetic order well-motivated? If so, what is it based on?

- Does this order help people to find characters? What if someone encounters a character whose reading is uncertain?
- Would it be possible or desirable to order the characters by stroke order within the stroke counts? That is, could or should the characters be ordered by shape rather than by sound?
- Would it be desirable to order all the characters by sound only?

**3. Character names.** Working through the character list (pp. 6–24) I found that some characters had been given a name which I did not find in the source material (pp. 35–53). For instance:

- U+1B045 𠄤 NUSHU CHARACTER MUE-B implies the pronunciation *mue* but it appears that it ought to be *va*<sup>33</sup>, NUSHU CHARACTER VA33
- U+1B08B 𠄢 NUSHU CHARACTER SAI-A and U+1B08C 𠄣 NUSHU CHARACTER SAI-B, but these both have the same tone, *sai*<sup>44</sup>; better names would be SAI44 and SAI44-A
- U+1B0C7 𠄧 NUSHU CHARACTER IOU-B seems not to be attested a *iou* but it is attested as *p'u*<sup>21</sup>, and should be named PHW21.


































































































































































































If characters are re-named, they should ultimately be re-ordered within their stroke classes if the ordering principle remains unchanged.

**4. Stroke classes.** A number of characters have glyph variants which can account for tem appearing in more than one stroke class. For example, U+1B0A7 𠄧 NUSHU CHARACTER NG-A is given in the six-stroke class, but its glyph has eight strokes; if this should remain in the six-stroke class, one of its x's should be removed: 𠄧 NUSHU CHARACTER NG44. (This glyph is attested for this character.)

**5. Allocation.** The block for Nushu in N4341 begins at U+1B000 but this has to be shifted to U+1B100.

**6. Block name.** In N4341 the script name has been changed from *Nüshu* to *Nyushu*. The actual equivalent of Pinyin *nǚshū* is *nyu*<sup>13</sup>*ɛyu*<sup>44</sup> which could be put into ASCII as NJYUCYU or NJYU13CYU44. But NUSHU would be better, as “Nushu” is the only term common in English; Neither *Nyushu* nor *Njyucyu* are attested.

**7. Code charts.** Draft code charts with updated names are given below. Some notes are given as annotations I recommend that the stroke count for the characters be verified for doubtful characters, as well as the placement of the subheads.

	1B10	1B11	1B12	1B13	1B14	1B15	1B16	1B17	1B18	1B19	1B1A	1B1B	1B1C	1B1D	1B1E	1B1F
0																
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

	1B20	1B21	1B22	1B23	1B24	1B25	1B26	1B27	1B28	1B29	1B2A	1B2B	1B2C	1B2D	1B2E	1B2F
0	听 1B200	聆 1B210	聆 1B220	聆 1B230	聆 1B240	聆 1B250	聆 1B260	聆 1B270	聆 1B280							
1	系 1B201	系 1B211	系 1B221	系 1B231	系 1B241	系 1B251	系 1B261	系 1B271	系 1B281							
2	系 1B202	系 1B212	系 1B222	系 1B232	系 1B242	系 1B252	系 1B262	系 1B272	系 1B282							
3	系 1B203	系 1B213	系 1B223	系 1B233	系 1B243	系 1B253	系 1B263	系 1B273	系 1B283							
4	系 1B204	系 1B214	系 1B224	系 1B234	系 1B244	系 1B254	系 1B264	系 1B274	系 1B284							
5	系 1B205	系 1B215	系 1B225	系 1B235	系 1B245	系 1B255	系 1B265	系 1B275								
6	系 1B206	系 1B216	系 1B226	系 1B236	系 1B246	系 1B256	系 1B266	系 1B276								
7	系 1B207	系 1B217	系 1B227	系 1B237	系 1B247	系 1B257	系 1B267	系 1B277								
8	系 1B208	系 1B218	系 1B228	系 1B238	系 1B248	系 1B258	系 1B268	系 1B278								
9	系 1B209	系 1B219	系 1B229	系 1B239	系 1B249	系 1B259	系 1B269	系 1B279								
A	系 1B20A	系 1B21A	系 1B22A	系 1B23A	系 1B24A	系 1B25A	系 1B26A	系 1B27A								
B	系 1B20B	系 1B21B	系 1B22B	系 1B23B	系 1B24B	系 1B25B	系 1B26B	系 1B27B								
C	系 1B20C	系 1B21C	系 1B22C	系 1B23C	系 1B24C	系 1B25C	系 1B26C	系 1B27C								
D	系 1B20D	系 1B21D	系 1B22D	系 1B23D	系 1B24D	系 1B25D	系 1B26D	系 1B27D								
E	系 1B20E	系 1B21E	系 1B22E	系 1B23E	系 1B24E	系 1B25E	系 1B26E	系 1B27E								
F	系 1B20F	系 1B21F	系 1B22F	系 1B23F	系 1B24F	系 1B25F	系 1B26F	系 1B27F								

*A more accurate spelling of the name of this script is Nüshu.*

### One-stroke character

1B100 丿 NUSHU CHARACTER I5  
→ 1B14D 𠄎 nushu character i5-a

### Two-stroke characters

1B101 丿𠄎 NUSHU CHARACTER NA33  
1B102 𠄎𠄎 NUSHU CHARACTER TSHA5  
1B103 丿𠄎 NUSHU CHARACTER IE21  
→ 1B172 𠄎 nushu character ie21-a  
1B104 丿𠄎 NUSHU CHARACTER POE5  
1B105 𠄎𠄎 NUSHU CHARACTER SWE33  
1B106 丿𠄎 NUSHU CHARACTER PHIU44  
1B107 丿𠄎 NUSHU CHARACTER U5

### Three-stroke characters

1B108 丿𠄎𠄎 NUSHU CHARACTER CYA35  
1B109 丿𠄎𠄎 NUSHU CHARACTER TIE42  
1B10A 𠄎𠄎𠄎 NUSHU CHARACTER NJIE33  
1B10B 𠄎𠄎𠄎 NUSHU CHARACTER TOE33  
1B10C 𠄎𠄎𠄎 NUSHU CHARACTER TCHYE5  
1B10D 𠄎𠄎𠄎 NUSHU CHARACTER FWE13  
1B10E 丿𠄎𠄎 NUSHU CHARACTER LIU44  
→ 1B14E 𠄎 nushu character liu44-a  
1B10F 丿𠄎𠄎 NUSHU CHARACTER SIU35  
1B110 𠄎𠄎𠄎 NUSHU CHARACTER THU35  
→ 1B220 𠄎 nushu character thu35-a  
1B111 𠄎𠄎𠄎 NUSHU CHARACTER NJYU13  
1B112 𠄎𠄎𠄎 NUSHU CHARACTER VAI42  
1B113 𠄎𠄎𠄎 NUSHU CHARACTER KAI44  
1B114 𠄎𠄎𠄎 NUSHU CHARACTER KHAU21  
1B115 𠄎𠄎𠄎 NUSHU CHARACTER KOU21  
1B116 𠄎𠄎𠄎 NUSHU CHARACTER TCIOU35  
1B117 𠄎𠄎𠄎 NUSHU CHARACTER LIANG35  
1B118 𠄎𠄎𠄎 NUSHU CHARACTER CIANG13  
1B119 𠄎𠄎𠄎 NUSHU CHARACTER TSHENG44  
1B11A 𠄎𠄎𠄎 NUSHU CHARACTER SONG44

### Four-stroke characters

1B11B 𠄎𠄎𠄎𠄎 NUSHU CHARACTER MA5  
1B11C 𠄎𠄎𠄎𠄎 NUSHU CHARACTER LA44  
1B11D 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FA44  
1B11E 𠄎𠄎𠄎𠄎 NUSHU CHARACTER KHUA44  
1B11F 𠄎𠄎𠄎𠄎 NUSHU CHARACTER THOE21  
1B120 𠄎𠄎𠄎𠄎 NUSHU CHARACTER TSOE42  
1B121 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FWE44  
→ 1B1B0 𠄎 nushu character fwe44-a  
1B122 𠄎𠄎𠄎𠄎 NUSHU CHARACTER TSWE35  
1B123 𠄎𠄎𠄎𠄎 NUSHU CHARACTER TII3  
1B124 𠄎𠄎𠄎𠄎 NUSHU CHARACTER CI21  
1B125 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FU44  
1B126 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FU35  
1B127 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FU13  
1B128 𠄎𠄎𠄎𠄎 NUSHU CHARACTER TCYU35  
1B129 𠄎𠄎𠄎𠄎 NUSHU CHARACTER TCYU21  
1B12A 𠄎𠄎𠄎𠄎 NUSHU CHARACTER FAI44  
1B12B 𠄎𠄎𠄎𠄎 NUSHU CHARACTER HAU35  
→ 1B159 𠄎 nushu character hau35-a  
1B12C 𠄎𠄎𠄎𠄎 NUSHU CHARACTER LOU35  
1B12D 𠄎𠄎𠄎𠄎 NUSHU CHARACTER LIOU33  
• glyph swapped with following character in N4341

1B12E 𠄎 NUSHU CHARACTER TCIOU44  
→ 1B270 𠄎 nushu character tciou44-a  
• glyph swapped with previous character in N4341

1B12F 𠄎 NUSHU CHARACTER CIU35  
1B130 𠄎 NUSHU CHARACTER TCHYN21  
1B131 𠄎 NUSHU CHARACTER FANG44  
→ 1B231 𠄎 nushu character fang44-a  
1B132 𠄎 NUSHU CHARACTER VANG42  
1B133 𠄎 NUSHU CHARACTER SANG33  
1B134 𠄎 NUSHU CHARACTER KHANG21  
1B135 𠄎 NUSHU CHARACTER NENG44  
1B136 𠄎 NUSHU CHARACTER THENG44  
1B137 𠄎 NUSHU CHARACTER PIONG13  
1B138 𠄎 NUSHU CHARACTER IONG42

### Five-stroke characters

1B139 𠄎 NUSHU CHARACTER TCHYA44  
1B13A 𠄎 NUSHU CHARACTER CYA5  
1B13B 𠄎 NUSHU CHARACTER NIE33  
1B13C 𠄎 NUSHU CHARACTER LIE21  
1B13D 𠄎 NUSHU CHARACTER TCIE44  
1B13E 𠄎 NUSHU CHARACTER NJIE44  
1B13F 𠄎 NUSHU CHARACTER NJIE42  
1B140 𠄎 NUSHU CHARACTER IE44  
1B141 𠄎 NUSHU CHARACTER IE33  
1B142 𠄎 NUSHU CHARACTER MWE13  
1B143 𠄎 NUSHU CHARACTER VWE5  
1B144 𠄎 NUSHU CHARACTER TWE55  
1B145 𠄎 NUSHU CHARACTER VA33  
• name mwe-b not found  
1B146 𠄎 NUSHU CHARACTER VWE33  
1B147 𠄎 NUSHU CHARACTER TSWE44  
1B148 𠄎 NUSHU CHARACTER SW5  
• found with six strokes  
1B149 𠄎 NUSHU CHARACTER SWE42  
1B14A 𠄎 NUSHU CHARACTER SWE13  
1B14B 𠄎 NUSHU CHARACTER TC135  
1B14C 𠄎 NUSHU CHARACTER C135  
1B14D 𠄎 NUSHU CHARACTER I5-A  
• could be i21  
1B14E 𠄎 NUSHU CHARACTER LIU44-A  
→ 1B10E 丿 nushu character liu44  
1B14F 𠄎 NUSHU CHARACTER NJIU33  
1B150 𠄎 NUSHU CHARACTER CIU35  
1B151 𠄎 NUSHU CHARACTER MU13  
1B152 𠄎 NUSHU CHARACTER YU44  
1B153 𠄎 NUSHU CHARACTER TCHY21  
1B154 𠄎 NUSHU CHARACTER NJY33  
1B155 𠄎 NUSHU CHARACTER Y42  
1B156 𠄎 NUSHU CHARACTER PAI35  
1B157 𠄎 NUSHU CHARACTER AI42  
1B158 𠄎 NUSHU CHARACTER LAI42  
1B159 𠄎 NUSHU CHARACTER HAU35-A  
→ 1B12B 丿 nushu character hau35  
1B15A 𠄎 NUSHU CHARACTER POU35  
• also pai35  
1B15B 𠄎 NUSHU CHARACTER TOU42  
1B15C 𠄎 NUSHU CHARACTER LIOU42  
1B15D 𠄎 NUSHU CHARACTER IOU13  
→ 1B1C8 𠄎 nushu character iou13-a  
1B15E 𠄎 NUSHU CHARACTER TSEW21  
1B15F 𠄎 NUSHU CHARACTER TSEW35  
1B160 𠄎 NUSHU CHARACTER SUOW44  
1B161 𠄎 NUSHU CHARACTER HUOW35  
1B162 𠄎 NUSHU CHARACTER HUOW42

1B163		NUSHU CHARACTER PANG44 • found with 7 strokes
1B164		NUSHU CHARACTER MANG42
1B165		NUSHU CHARACTER THANG44
1B166		NUSHU CHARACTER KANG44
1B167		NUSHU CHARACTER LIANG33
1B168		NUSHU CHARACTER TCIANG35
1B169		NUSHU CHARACTER NJIANG42
1B16A		NUSHU CHARACTER SENG44
1B16B		NUSHU CHARACTER PENG44
1B16C		NUSHU CHARACTER TSHIONG21
1B16D		NUSHU CHARACTER CIONG21
1B16E		NUSHU CHARACTER TCING21

### Six-stroke characters

1B16F		NUSHU CHARACTER PA5
1B170		NUSHU CHARACTER LA33
1B171		NUSHU CHARACTER TCIE35
1B172		NUSHU CHARACTER IE21-A → 1B103  nushu character ie21 • also phoe35
1B173		NUSHU CHARACTER POE21
1B174		NUSHU CHARACTER NO33
1B175		NUSHU CHARACTER LOE42
1B176		NUSHU CHARACTER TSOE13 • also zai
1B177		NUSHU CHARACTER SOE5
1B178		NUSHU CHARACTER KOE44
1B179		NUSHU CHARACTER KHUOE21
1B17A		NUSHU CHARACTER YE21
1B17B		NUSHU CHARACTER PWE33
1B17C		NUSHU CHARACTER PWE5
1B17D		NUSHU CHARACTER SIE35
1B17E		NUSHU CHARACTER TCHI21
1B17F		NUSHU CHARACTER NI33 • found with 6 strokes
1B180		NUSHU CHARACTER TSIU33
1B181		NUSHU CHARACTER FU42
1B182		NUSHU CHARACTER KHU35
1B183		NUSHU CHARACTER HU5
1B184		NUSHU CHARACTER VU42
1B185		NUSHU CHARACTER PW13
1B186		NUSHU CHARACTER FW42
1B187		NUSHU CHARACTER KW5
1B188		NUSHU CHARACTER HW44
1B189		NUSHU CHARACTER MAI42
1B18A		NUSHU CHARACTER THAI44
1B18B		NUSHU CHARACTER SAI44 → 1B18C : nushu character sai44-a → 1B228  nushu character sai44-b
1B18C		NUSHU CHARACTER SAI44-A • also ing13
1B18D		NUSHU CHARACTER THAU35
1B18E		NUSHU CHARACTER LAU21
1B18F		NUSHU CHARACTER LAU13 • also lau21 or lau21-b
1B190		NUSHU CHARACTER KOU33
1B191		NUSHU CHARACTER CIOU44
1B192		NUSHU CHARACTER SEW35
1B193		NUSHU CHARACTER LEW44
1B194		NUSHU CHARACTER THUOW21
1B195		NUSHU CHARACTER UOW33
1B196		NUSHU CHARACTER KUW5
1B197		NUSHU CHARACTER NGUW33
1B198		NUSHU CHARACTER TCYN42
1B199		NUSHU CHARACTER YN35

1B19A		NUSHU CHARACTER VANG33
1B19B		NUSHU CHARACTER TSANG44
1B19C		NUSHU CHARACTER SANG44
1B19D		NUSHU CHARACTER TCIANG44
1B19E		NUSHU CHARACTER KHANG35
1B19F		NUSHU CHARACTER IANG13
1B1A0		NUSHU CHARACTER TENG42 → 1B258  nushu character teng42-a
1B1A1		NUSHU CHARACTER NENG33
1B1A2		NUSHU CHARACTER PIONG42
1B1A3		NUSHU CHARACTER PIONG33
1B1A4		NUSHU CHARACTER MIONG33
1B1A5		NUSHU CHARACTER CIONG42
1B1A6		NUSHU CHARACTER NJING42
1B1A7		NUSHU CHARACTER NG44 • glyph should have only two x's if it has six strokes
1B1A8		NUSHU CHARACTER NG13

### Seven-stroke characters

1B1A9		NUSHU CHARACTER TSA35
1B1AA		NUSHU CHARACTER KUA44
1B1AB		NUSHU CHARACTER KUA35
1B1AC		NUSHU CHARACTER CIE44
1B1AD		NUSHU CHARACTER PHOE35
1B1AE		NUSHU CHARACTER LOE35
1B1AF		NUSHU CHARACTER TSHOE21
1B1B0		NUSHU CHARACTER FWE44-A → 1B121  nushu character fwe44
1B1B1		NUSHU CHARACTER TSWE33
1B1B2		NUSHU CHARACTER TSHI5
1B1B3		NUSHU CHARACTER TSHI5-A
1B1B4		NUSHU CHARACTER SI44
1B1B5		NUSHU CHARACTER PU5
1B1B6		NUSHU CHARACTER FU33
1B1B7		NUSHU CHARACTER LU35
1B1B8		NUSHU CHARACTER TSHOE44 → 1B213  nushu character tshoe44-a
1B1B9		NUSHU CHARACTER NGU13
1B1BA		NUSHU CHARACTER TCYU33
1B1BB		NUSHU CHARACTER CYU44
1B1BC		NUSHU CHARACTER TCHYU21
1B1BD		NUSHU CHARACTER CY5
1B1BE		NUSHU CHARACTER FAI42
1B1BF		NUSHU CHARACTER TSAI13
1B1C0		NUSHU CHARACTER LOU42
1B1C1		NUSHU CHARACTER PIOUS44
1B1C2		NUSHU CHARACTER MIOUS13
1B1C3		NUSHU CHARACTER TSOU5
1B1C4		NUSHU CHARACTER TSHIOUS44
1B1C5		NUSHU CHARACTER TCHIOUS21
1B1C6		NUSHU CHARACTER NJIOUS33
1B1C7		NUSHU CHARACTER PHW21 • former iou-b is an error
1B1C8		NUSHU CHARACTER IOU13-A → 1B15D  nushu character iou13
1B1C9		NUSHU CHARACTER NUOW42
1B1CA		NUSHU CHARACTER CIANG42
1B1CB		NUSHU CHARACTER KUOW44
1B1CC		NUSHU CHARACTER LANG-A
1B1CD		NUSHU CHARACTER ANG21
1B1CE		NUSHU CHARACTER LIANG42
1B1CF		NUSHU CHARACTER SIANG44
1B1D0		NUSHU CHARACTER TSIANG42 → 1B275  nushu character tsiang42-a
1B1D1		NUSHU CHARACTER TSIANG44

1B1D2	𠃉	NUSHU CHARACTER TSHIONG35
1B1D3	𠃊	NUSHU CHARACTER XIONG44
1B1D4	𠃋	NUSHU CHARACTER LONG35
1B1D5	𠃌	NUSHU CHARACTER LIONG42
1B1D6	𠃍	NUSHU CHARACTER CING44
1B1D7	𠃎	NUSHU CHARACTER CING35
1B1D8	𠃏	NUSHU CHARACTER TCHYE35
1B1D9	𠃐	NUSHU CHARACTER LA13
1B1DA	𠃑	NUSHU CHARACTER SA21

### Eight-stroke characters

1B1DB	𠃒	NUSHU CHARACTER CYA42
1B1DC	𠃓	NUSHU CHARACTER SIE5 → 1B23E 𠃓 nushu character sie5-a • may have nine strokes
1B1DD	𠃔	NUSHU CHARACTER FOE42
1B1DE	𠃕	NUSHU CHARACTER POE42
1B1DF	𠃖	NUSHU CHARACTER NOE33
1B1E0	𠃗	NUSHU CHARACTER THOE44
1B1E1	𠃘	NUSHU CHARACTER KUE44
1B1E2	𠃙	NUSHU CHARACTER YE42
1B1E3	𠃚	NUSHU CHARACTER PWE35 → 1B243 𠃚 nushu character pwe35-a
1B1E4	𠃛	NUSHU CHARACTER VWE35
1B1E5	𠃜	NUSHU CHARACTER CYE44
1B1E6	𠃝	NUSHU CHARACTER PI33
1B1E7	𠃞	NUSHU CHARACTER THI5
1B1E8	𠃟	NUSHU CHARACTER TSI42
1B1E9	𠃠	NUSHU CHARACTER TSI42-A
1B1EA	𠃡	NUSHU CHARACTER TCI21
1B1EB	𠃢	NUSHU CHARACTER TCI21-A
1B1EC	𠃣	NUSHU CHARACTER TSHIU21
1B1ED	𠃤	NUSHU CHARACTER PU33
1B1EE	𠃥	NUSHU CHARACTER TSU42
1B1EF	𠃦	NUSHU CHARACTER KU21
1B1F0	𠃧	NUSHU CHARACTER NJYU33
1B1F1	𠃨	NUSHU CHARACTER TCHY35
1B1F2	𠃩	NUSHU CHARACTER KW35
1B1F3	𠃪	NUSHU CHARACTER HW35
1B1F4	𠃫	NUSHU CHARACTER PHA135
1B1F5	𠃬	NUSHU CHARACTER MAI33
1B1F6	𠃭	NUSHU CHARACTER LAI35
1B1F7	𠃮	NUSHU CHARACTER SAI21
1B1F8	𠃯	NUSHU CHARACTER TSHAU35
1B1F9	𠃰	NUSHU CHARACTER KOU5
1B1FA	𠃱	NUSHU CHARACTER TSIOU33
1B1FB	𠃲	NUSHU CHARACTER SIOU44
1B1FC	𠃳	NUSHU CHARACTER TCIOU5
1B1FD	𠃴	NUSHU CHARACTER IOU42
1B1FE	𠃵	NUSHU CHARACTER CIOU13
1B1FF	𠃶	NUSHU CHARACTER THUOW44
1B200	𠃷	NUSHU CHARACTER HUOW21
1B201	𠃸	NUSHU CHARACTER FANG13
1B202	𠃹	NUSHU CHARACTER VANG5
1B203	𠃺	NUSHU CHARACTER LANG44
1B204	𠃻	NUSHU CHARACTER TSHANG44
1B205	𠃼	NUSHU CHARACTER KHANG5
1B206	𠃽	NUSHU CHARACTER KHANG44
1B207	𠃾	NUSHU CHARACTER HANG42
1B208	𠃿	NUSHU CHARACTER CIANG44
1B209	𠄀	NUSHU CHARACTER NENG35
1B20A	𠄁	NUSHU CHARACTER LENG42
1B20B	𠄂	NUSHU CHARACTER TSENG42
1B20C	𠄃	NUSHU CHARACTER NONG42
1B20D	𠄄	NUSHU CHARACTER LIONG13
1B20E	𠄅	NUSHU CHARACTER TSIONG13
1B20F	𠄆	NUSHU CHARACTER TSIONG42

1B210	𠄇	NUSHU CHARACTER SIONG44
1B211	𠄈	NUSHU CHARACTER CING42
1B212	𠄉	NUSHU CHARACTER ING21
1B213	𠄊	NUSHU CHARACTER TSHOE44-A → 1B1B8 𠄊 nushu character tshoe44 • was jing-b

### Nine-stroke characters

1B214	𠄋	NUSHU CHARACTER VA42
1B215	𠄌	NUSHU CHARACTER SA35
1B216	𠄍	NUSHU CHARACTER LIE42
1B217	𠄎	NUSHU CHARACTER TSHIE21
1B218	𠄏	NUSHU CHARACTER IE13
1B219	𠄐	NUSHU CHARACTER MOE13
1B21A	𠄑	NUSHU CHARACTER LOE21
1B21B	𠄒	NUSHU CHARACTER TSHOE5
1B21C	𠄓	NUSHU CHARACTER TCHYE44
1B21D	𠄔	NUSHU CHARACTER TI44
1B21E	𠄕	NUSHU CHARACTER TCI44
1B21F	𠄖	NUSHU CHARACTER FU21
1B220	𠄗	NUSHU CHARACTER THU35-A → 1B110 𠄗 nushu character thu35
1B221	𠄘	NUSHU CHARACTER KUE35
1B222	𠄙	NUSHU CHARACTER KU44
1B223	𠄚	NUSHU CHARACTER HU42 → 1B263 𠄚 nushu character hu42-a
1B224	𠄛	NUSHU CHARACTER KU44-A
1B225	𠄜	NUSHU CHARACTER PW42
1B226	𠄝	NUSHU CHARACTER KHW5
1B227	𠄞	NUSHU CHARACTER LAI44
1B228	𠄟	NUSHU CHARACTER SAI44-B → 1B18B 𠄟 nushu character sai44 → 1B18C 𠄟 nushu character sai44-a
1B229	𠄠	NUSHU CHARACTER TSIU44
1B22A	𠄡	NUSHU CHARACTER TSOU42
1B22B	𠄢	NUSHU CHARACTER SAU35
1B22C	𠄣	NUSHU CHARACTER HAU33
1B22D	𠄤	NUSHU CHARACTER NGOU42
1B22E	𠄥	NUSHU CHARACTER OU44
1B22F	𠄦	NUSHU CHARACTER CIOUE5
1B230	𠄧	NUSHU CHARACTER TSHEW5
1B231	𠄨	NUSHU CHARACTER FANG44-A → 1B131 𠄨 nushu character fang44
1B232	𠄩	NUSHU CHARACTER TANG42
1B233	𠄪	NUSHU CHARACTER HANG44
1B234	𠄫	NUSHU CHARACTER KUA21 • was called jiang-c
1B235	𠄬	NUSHU CHARACTER SIANG35
1B236	𠄭	NUSHU CHARACTER KANG35
1B237	𠄮	NUSHU CHARACTER TCIANG13
1B238	𠄯	NUSHU CHARACTER CIANG35
1B239	𠄰	NUSHU CHARACTER LONG21
1B23A	𠄱	NUSHU CHARACTER TCHIONG44
1B23B	𠄲	NUSHU CHARACTER NG21
1B23C	𠄳	NUSHU CHARACTER PA33
1B23D	𠄴	NUSHU CHARACTER TSHIE5
1B23E	𠄵	NUSHU CHARACTER SIE5-A → 1B1DC 𠄵 nushu character sie5
1B23F	𠄶	NUSHU CHARACTER TSIE44
1B240	𠄷	NUSHU CHARACTER KOE35
1B241	𠄸	NUSHU CHARACTER TCYE44
1B242	𠄹	NUSHU CHARACTER TCYE42
1B243	𠄺	NUSHU CHARACTER PWE35-A → 1B1E3 𠄺 nushu character pwe35
1B244	𠄻	NUSHU CHARACTER SWE44

1B245 𠄎 NUSHU CHARACTER TI42  
 1B246 𠄏 NUSHU CHARACTER I42  
 1B247 𠄐 NUSHU CHARACTER TSU35  
 1B248 𠄑 NUSHU CHARACTER TSHU35  
 1B249 𠄒 NUSHU CHARACTER TCY13  
 1B24A 𠄓 NUSHU CHARACTER CY44  
 1B24B 𠄔 NUSHU CHARACTER LW5  
 1B24C 𠄕 NUSHU CHARACTER HW5  
 1B24D 𠄖 NUSHU CHARACTER KAU44  
 1B24E 𠄗 NUSHU CHARACTER THOU44  
 1B24F 𠄘 NUSHU CHARACTER TCIU42  
 1B250 𠄙 NUSHU CHARACTER CIU44  
 1B251 𠄚 NUSHU CHARACTER LANG33  
 1B252 𠄛 NUSHU CHARACTER MENG33  
 1B253 𠄜 NUSHU CHARACTER PANG42  
 1B254 𠄝 NUSHU CHARACTER TANG13  
 1B255 𠄞 NUSHU CHARACTER THANG35

- was named tshie-a

1B256 𠄟 NUSHU CHARACTER IANG44  
 1B257 𠄠 NUSHU CHARACTER IANG42  
 1B258 𠄡 NUSHU CHARACTER TENG42-A  
 → 1B1A0 𠄡 nushu character teng42  
 1B259 𠄢 NUSHU CHARACTER MENG42  
 1B25A 𠄣 NUSHU CHARACTER HOU33  
 1B25B 𠄤 NUSHU CHARACTER NONG44

### Eleven-stroke characters

1B25C 𠄥 NUSHU CHARACTER TSA33  
 1B25D 𠄦 NUSHU CHARACTER TSIE21  
 1B25E 𠄧 NUSHU CHARACTER CIE21  
 1B25F 𠄨 NUSHU CHARACTER LI35  
 1B260 𠄩 NUSHU CHARACTER TSI5  
 1B261 𠄪 NUSHU CHARACTER I35  
 1B262 𠄫 NUSHU CHARACTER LU21  
 1B263 𠄬 NUSHU CHARACTER HU42-A  
 → 1B223 𠄬 nushu character hu42  
 1B264 𠄭 NUSHU CHARACTER TAU13  
 1B265 𠄮 NUSHU CHARACTER CYU33  
 1B266 𠄯 NUSHU CHARACTER SIOU21  
 1B267 𠄰 NUSHU CHARACTER NJIOU13  
 1B268 𠄱 NUSHU CHARACTER LEW33  
 1B269 𠄲 NUSHU CHARACTER YN13  
 1B26A 𠄳 NUSHU CHARACTER TONG13

### Twelve-stroke characters

1B26B 𠄵 NUSHU CHARACTER CING13  
 1B26C 𠄶 NUSHU CHARACTER IE35  
 1B26D 𠄷 NUSHU CHARACTER MOE33  
 1B26E 𠄸 NUSHU CHARACTER VOE5  
 1B26F 𠄹 NUSHU CHARACTER I21  
 1B270 𠄺 NUSHU CHARACTER TCIU44-A  
 → 1B12E 𠄺 nushu character tciou44  
 1B271 𠄻 NUSHU CHARACTER TU33  
 1B272 𠄼 NUSHU CHARACTER LOU33  
 1B273 𠄽 NUSHU CHARACTER TSUOW44  
 1B274 𠄾 NUSHU CHARACTER MANG13  
 1B275 𠄿 NUSHU CHARACTER TSIANG42-A  
 → 1B1D0 𠄿 nushu character tsiang42  
 1B276 𠄿 NUSHU CHARACTER TCHIANG21  
 1B277 𠄿 NUSHU CHARACTER TCIONG  
 1B278 𠄿 NUSHU CHARACTER ING44

### Thirteen-stroke characters

1B279 𠄿 NUSHU CHARACTER TSIE33  
 1B27A 𠄿 NUSHU CHARACTER PW21  
 1B27B 𠄿 NUSHU CHARACTER FI21

1B27C 𠄿 NUSHU CHARACTER CYU35  
 1B27D 𠄿 NUSHU CHARACTER FW21

### Fourteen-stroke characters

1B27E 𠄿 NUSHU CHARACTER TSHAI44  
 1B27F 𠄿 NUSHU CHARACTER FANG33  
 1B280 𠄿 NUSHU CHARACTER NGUOW13

### Fifteen-stroke characters

1B281 𠄿 NUSHU CHARACTER FU5

### Sixteen-stroke characters

1B282 𠄿 NUSHU CHARACTER KU5  
 1B283 𠄿 NUSHU CHARACTER TCYE21  
 1B284 𠄿 NUSHU CHARACTER DIE