

Title: Draft Mongolian variation selectors**Date: 2015-08-27**

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Contents

This document lists the Mongolian block with all variations sequences that corresponds to the DS01 document dated August 3rd 2015.

Changes and remarks from the published version in Unicode 7.0 (comparison is incomplete because the previous charts did not show the regular contextual default forms (first form) are shown in the following list.

Remarks

- Contextual default glyphs shown (initial, medial, final) for all characters with contextual glyphs
- Form variants are uniformly called first, second, third, and fourth (no alternate, feminine terminology)
- General: many isolated glyphs have connecting bars (design issue?)
- General: some medial glyphs have no connecting bars (design issue?)
- General: some final glyphs don't look like final glyphs (ending with bar)
- 1820 ᠠᠨ, 3rd form medial becomes 2nd form initial
- 1822 ᠠᠨ new 3rd and 4th form medial
- 1823 ᠠᠨ and 1824 ᠠᠨ, first form isolates are now different, chart used to fake 1824 ᠠᠨ entry
- 1824 ᠠᠨ new 2nd form isolate and 2nd form final
- 1826 ᠠᠨ new glyph for 2nd form isolate, new 3rd form isolate has glyph of previous 2nd form isolate,
- 1828 ᠠᠨ new glyph for 3rd form medial, new 2nd form final has glyph of previous 3rd form medial
- 182A ᠠᠨ alternate form final now called 2nd form final
- 182C ᠠᠨ new 2nd form isolate, feminine 2nd form isolate is now 3rd form isolate
- 182C ᠠᠨ 3rd and 4th forms medial deleted, 3rd form medial becomes new 2nd form final
- 182D ᠠᠨ new 2nd and 3rd forms isolate, new 3rd form initial
- 182D ᠠᠨ 3rd form medial has a new glyph (old glyph is now new 4th form final), 4th form medial is former feminine form medial,
- 182D ᠠᠨ new 2nd form final, 3rd form final form is former feminine form final, new 4th form final (with glyph of former 3rd form medial)
- 1835 ᠠᠨ deleted 2nd form medial, becomes new 2nd form final
- 1836 ᠠᠨ 2nd form medial glyph updated (former glyph looked like 1st form medial), 3rd form medial deleted
- 1838 ᠠᠨ new 2nd form medial, glyph of 2nd form final is new (former 2nd form final is now 1st form final)
- 1843 ᠠᠨ new 2nd form final
- 184D ᠠᠨ new 2nd form isolate, feminine forms initial and medial deleted
- 184E ᠠᠨ new 2nd form isolate
- 185D ᠠᠨ new 2nd form isolate, new 3rd and 4th forms final
- 185E ᠠᠨ new 2nd form isolate
- 1860 ᠠᠨ new 3rd and 4th forms final
- 1861 ᠠᠨ new 2nd form isolate
- 1863 ᠠᠨ new 2nd form isolate
- 1864 ᠠᠨ new 2nd form isolate
- 1865 ᠠᠨ new 2nd form isolate
- 1873 ᠠᠨ new 2nd form isolate and new 4th form final
- 1874 ᠠᠨ new 2nd form isolate, feminine 1st and 2nd forms medial become 3rd and 4th forms medial respectively,
- 1874 ᠠᠨ feminine 1st and 2nd forms final become 2nd and 3rd forms final respectively
- 1888 ᠠᠨ new 2nd form medial
- 18A0 ᠠᠨ new 2nd form initial, new 2nd form medial
- 18A1 ᠠᠨ new 2nd form initial, new 2nd form medial

Glyph issues

Some intentional (or not) differences in glyphs from DS01:

- 1840 ᠠᠨ, 1841 ᠠᠨ, and 1842 ᠠᠨ final form glyphs not available to editor
- 185D ᠠᠨ 3rd and 4th forms final based on font (different glyph from DS01)
- 1860 ᠠᠨ 4th form final based on font (different glyph from DS01)

	180	181	182	183	184	185	186	187	188	189	18A
0	 1800	 1810	 1820	 1830	 1840	 1850	 1860	 1870	 1880	 1890	 18A0
1	 1801	 1811	 1821	 1831	 1841	 1851	 1861	 1871	 1881	 1891	 18A1
2	 1802	 1812	 1822	 1832	 1842	 1852	 1862	 1872	 1882	 1892	 18A2
3	 1803	 1813	 1823	 1833	 1843	 1853	 1863	 1873	 1883	 1893	 18A3
4	 1804	 1814	 1824	 1834	 1844	 1854	 1864	 1874	 1884	 1894	 18A4
5	 1805	 1815	 1825	 1835	 1845	 1855	 1865	 1875	 1885	 1895	 18A5
6	 1806	 1816	 1826	 1836	 1846	 1856	 1866	 1876	 1886	 1896	 18A6
7	 1807	 1817	 1827	 1837	 1847	 1857	 1867	 1877	 1887	 1897	 18A7
8	 1808	 1818	 1828	 1838	 1848	 1858	 1868		 1888	 1898	 18A8
9	 1809	 1819	 1829	 1839	 1849	 1859	 1869		 1889	 1899	 18A9
A	 180A		 182A	 183A	 184A	 185A	 186A		 188A	 189A	 18AA
B	 180B		 182B	 183B	 184B	 185B	 186B		 188B	 189B	
C	 180C		 182C	 183C	 184C	 185C	 186C		 188C	 189C	
D	 180D		 182D	 183D	 184D	 185D	 186D		 188D	 189D	
E	 180E		 182E	 183E	 184E	 185E	 186E		 188E	 189E	
F			 182F	 183F	 184F	 185F	 186F		 188F	 189F	

Punctuation

Additional birgas are encoded in the Mongolian Supplement block 11660-1167F.

- 1800  MONGOLIAN BIRGA
→ 0F04 
- 1801  MONGOLIAN ELLIPSIS
- 1802  MONGOLIAN COMMA
- 1803  MONGOLIAN FULL STOP
- 1804  MONGOLIAN COLON
- 1805  MONGOLIAN FOUR DOTS
• marks the end of a chapter
- 1806  MONGOLIAN TODO SOFT HYPHEN
• not a format control character, but simply a hyphen for Todo
→ 00AD  soft hyphen
- 1807  MONGOLIAN SIBE SYLLABLE BOUNDARY MARKER
~ 1807  (medial)
• only used in medial form
- 1808  MONGOLIAN MANCHU COMMA
- 1809  MONGOLIAN MANCHU FULL STOP
- 180A  MONGOLIAN NIRUGU
~ 180A  (initial)
~ 180A  (medial)
~ 180A  (final)
• Ed. Check final form

Format controls

- 180B  MONGOLIAN FREE VARIATION SELECTOR ONE
• abbreviated FVS1
- 180C  MONGOLIAN FREE VARIATION SELECTOR TWO
• abbreviated FVS2
- 180D  MONGOLIAN FREE VARIATION SELECTOR THREE
• abbreviated FVS3
- 180E  MONGOLIAN VOWEL SEPARATOR
• abbreviated MVS

Digits

- 1810  MONGOLIAN DIGIT ZERO
- 1811  MONGOLIAN DIGIT ONE
- 1812  MONGOLIAN DIGIT TWO
- 1813  MONGOLIAN DIGIT THREE
- 1814  MONGOLIAN DIGIT FOUR
- 1815  MONGOLIAN DIGIT FIVE
- 1816  MONGOLIAN DIGIT SIX
- 1817  MONGOLIAN DIGIT SEVEN
- 1818  MONGOLIAN DIGIT EIGHT
- 1819  MONGOLIAN DIGIT NINE

Basic letters

- 1820  MONGOLIAN LETTER A
→ 0430  cyrillic small letter a
~ 1820 180B  2nd form (isolate)
~ 1820  1st form (initial)
~ 1820 180B  2nd form (initial)
• only implemented with NNBS
~ 1820  1st form (medial)
~ 1820 180B  2nd form (medial)
~ 1820  1st form (final)
~ 1820 180B  2nd form (final)
• only implemented with MVS/NNBS

- 1821  MONGOLIAN LETTER E
→ 044D  cyrillic small letter e
~ 1821  1st form (initial)
~ 1821 180B  2nd form (initial)
~ 1821  (medial)
~ 1821  1st form (final)
~ 1821 180B  2nd form (final)
• only implemented with MVS/NNBS
- 1822  MONGOLIAN LETTER I
→ 0438  cyrillic small letter i
~ 1822  (initial)
~ 1822  1st form (medial)
~ 1822 180B  2nd form (medial)
~ 1822 180C  3rd form (medial)
• needed to override default context
~ 1822 180D  4th form (medial)
• context driven
~ 1822  (final)
- 1823  MONGOLIAN LETTER O
→ 043E  cyrillic small letter o
~ 1823  (initial)
~ 1823  1st form (medial)
~ 1823 180B  2nd form (medial)
~ 1823  1st form (final)
~ 1823 180B  2nd form (final)
- 1824  MONGOLIAN LETTER U
→ 0443  cyrillic small letter u
~ 1824 180B  2nd form (isolate)
~ 1824  (initial)
~ 1824  1st form (medial)
• also implemented with NNBS
~ 1824 180B  2nd form (medial)
~ 1824  1st form (final)
• also implemented with NNBS
~ 1824 180B  2nd form (final)
- 1825  MONGOLIAN LETTER OE
→ 04E9  cyrillic small letter barred o
~ 1825  (initial)
~ 1825  1st form (medial)
~ 1825 180B  2nd form (medial)
• context driven
~ 1825 180C  3rd form (medial)
~ 1825  1st form (final)
~ 1825 180B  2nd form (final)
- 1826  MONGOLIAN LETTER UE
→ 04AF  cyrillic small letter straight u
~ 1826 180B  2nd form (isolate)
~ 1826 180C  3rd form (isolate)
~ 1826  (initial)
~ 1826  1st form (medial)
• also implemented with NNBS
~ 1826 180B  2nd form (medial)
• context driven
~ 1826 180C  3rd form (medial)
~ 1826  1st form (final)
• also implemented with NNBS
~ 1826 180B  2nd form (final)
- 1827  MONGOLIAN LETTER EE
~ 1827  (initial)
~ 1827  (medial)
~ 1827  (final)

- 1828 **ᠨᠠ** **MONGOLIAN LETTER NA**
 → 043D **н** cyrillic small letter en
 ~ 1828 **ᠨ** 1st form (initial)
 • also context-driven in Todo
 ~ 1828 180B **ᠨ** 2nd form (initial)
 ~ 1828 **ᠨ** 1st form (medial)
 • context driven
 ~ 1828 180B **ᠨ** 2nd form (medial)
 • context driven
 ~ 1828 180C **ᠨ** 3rd form (medial)
 • needed to override default context
 ~ 1828 180D **ᠨ** 4th form (medial)
 • context driven, Todo only
 ~ 1828 **ᠨ** 1st form (final)
 ~ 1828 180B **ᠨ** 2nd form (final)
 • only implemented with MVS
- 1829 **ᠠᠩᠭᠠ** **MONGOLIAN LETTER ANG**
 ~ 1829 **ᠠ** (initial)
 ~ 1829 **ᠠ** (medial)
 ~ 1829 **ᠠᠩ** (final)
- 182A **ᠪᠠ** **MONGOLIAN LETTER BA**
 → 0431 **б** cyrillic small letter be
 ~ 182A **ᠪ** (initial)
 ~ 182A **ᠪ** (medial)
 ~ 182A **ᠪ** 1st form (final)
 ~ 182A 180B **ᠪ** 2nd form (final)
- 182B **ᠫᠠ** **MONGOLIAN LETTER PA**
 → 043F **п** cyrillic small letter pe
 ~ 182B **ᠫ** (initial)
 ~ 182B **ᠫ** (medial)
 ~ 182B **ᠫ** (final)
- 182C **ᠬᠠ** **MONGOLIAN LETTER QA**
 → 0445 **х** cyrillic small letter ha
 ~ 182C 180B **ᠬ** 2nd form (isolate)
 ~ 182C 180C **ᠬ** 3rd form (isolate)
 ~ 182C **ᠬ** 1st form (initial)
 ~ 182C 180B **ᠬ** 2nd form (initial)
 ~ 182C **ᠬ** 1st form (medial)
 ~ 182C 180B **ᠬ** 2nd form (medial)
 ~ 182C **ᠬ** 1st form (final)
 ~ 182C 180B **ᠬ** 2nd form (final)
- 182D **ᠭᠠ** **MONGOLIAN LETTER GA**
 → 0433 **г** cyrillic small letter ghe
 ~ 182D 180B **ᠭ** 2nd form (isolate)
 ~ 182D 180C **ᠭ** 3rd form (isolate)
 ~ 182D **ᠭ** 1st form (initial)
 ~ 182D 180B **ᠭ** 2nd form (initial)
 ~ 182D 180C **ᠭ** 3rd form (initial)
 • context driven
 ~ 182D **ᠭ** 1st form (medial)
 ~ 182D 180B **ᠭ** 2nd form (medial)
 • context driven
 ~ 182D 180C **ᠭ** 3rd form (medial)
 • needed to override default context
 ~ 182D 180D **ᠭ** 4th form (medial)
 • context driven
 ~ 182D **ᠭ** 1st form (final)
 ~ 182D 180B **ᠭ** 2nd form (final)
 • needed to override default context
 ~ 182D 180C **ᠭ** 3rd form (final)
 • context driven
 ~ 182D 180D **ᠭ** 4th form (final)
 • only implemented with MVS

- 182E **ᠮᠠ** **MONGOLIAN LETTER MA**
 → 043C **м** cyrillic small letter em
 ~ 182E **ᠮ** (initial)
 ~ 182E **ᠮ** (medial)
 ~ 182E **ᠮ** (final)
- 182F **ᠯᠠ** **MONGOLIAN LETTER LA**
 → 043B **л** cyrillic small letter el
 ~ 182F **ᠯ** (initial)
 ~ 182F **ᠯ** (medial)
 ~ 182F **ᠯ** (final)
- 1830 **ᠰᠠ** **MONGOLIAN LETTER SA**
 → 0441 **с** cyrillic small letter es
 ~ 1830 **ᠰ** (initial)
 ~ 1830 **ᠰ** (medial)
 ~ 1830 **ᠰ** 1st form (final)
 ~ 1830 180B **ᠰ** 2nd form (final)
 ~ 1830 180C **ᠰ** 3rd form (final)
- 1831 **ᠰᠠᠬᠠ** **MONGOLIAN LETTER SHA**
 → 0448 **ш** cyrillic small letter sha
 ~ 1831 **ᠰ** (initial)
 ~ 1831 **ᠰ** (medial)
 ~ 1831 **ᠰ** (final)
- 1832 **ᠲᠠ** **MONGOLIAN LETTER TA**
 → 0442 **т** cyrillic small letter te
 ~ 1832 **ᠲ** (initial)
 ~ 1832 **ᠲ** 1st form (medial)
 ~ 1832 180B **ᠲ** 2nd form (medial)
 ~ 1832 **ᠲ** (final)
- 1833 **ᠳᠠ** **MONGOLIAN LETTER DA**
 → 0434 **д** cyrillic small letter de
 ~ 1833 **ᠳ** 1st form (initial)
 ~ 1833 180B **ᠳ** 2nd form (initial)
 • also implemented with NNBS
 ~ 1833 **ᠳ** 1st form (medial)
 ~ 1833 180B **ᠳ** 2nd form (medial)
 • context driven
 ~ 1833 **ᠳ** 1st form (final)
 ~ 1833 180B **ᠳ** 2nd form (final)
- 1834 **ᠴᠠ** **MONGOLIAN LETTER CHA**
 → 0447 **ч** cyrillic small letter che
 ~ 1834 **ᠴ** (initial)
 ~ 1834 **ᠴ** (medial)
 ~ 1834 **ᠴ** (final)
- 1835 **ᠵᠠ** **MONGOLIAN LETTER JA**
 → 0436 **ж** cyrillic small letter zhe
 ~ 1835 **ᠵ** (initial)
 ~ 1835 **ᠵ** (medial)
 ~ 1835 **ᠵ** 1st form (final)
 ~ 1835 180B **ᠵ** 2nd form (final)
 • also implemented with MVS & NNBS
- 1836 **ᠶᠠ** **MONGOLIAN LETTER YA**
 → 0439 **й** cyrillic small letter short i
 ~ 1836 **ᠶ** 1st form (initial)
 ~ 1836 180B **ᠶ** 2nd form (initial)
 • context driven
 ~ 1836 **ᠶ** 1st form (medial)
 ~ 1836 180B **ᠶ** 2nd form (medial)
 • context driven and also needed to override default context
 ~ 1836 **ᠶ** (final)

- 1837 **ᠠ** MONGOLIAN LETTER RA
→ 0440 **ᠠ** cyrillic small letter er
~ 1837 **ᠠ** (initial)
~ 1837 **ᠠ** (medial)
~ 1837 **ᠠ** (final)
- 1838 **ᠡ** MONGOLIAN LETTER WA
→ 0432 **ᠡ** cyrillic small letter ve
~ 1838 **ᠡ** (initial)
~ 1838 **ᠡ** 1st form (medial)
~ 1838 180B **ᠡ** 2nd form (medial)
• context driven
~ 1838 **ᠡ** 1st form (final)
~ 1838 180B **ᠡ** 2nd form (final)
- 1839 **ᠢ** MONGOLIAN LETTER FA
→ 0444 **ᠢ** cyrillic small letter ef
~ 1839 **ᠢ** (initial)
~ 1839 **ᠢ** (medial)
~ 1839 **ᠢ** (final)
- 183A **ᠣ** MONGOLIAN LETTER KA
→ 0445 **ᠣ** cyrillic small letter ha
~ 183A **ᠣ** (initial)
~ 183A **ᠣ** (medial)
~ 183A **ᠣ** (final)
- 183B **ᠤ** MONGOLIAN LETTER KHA
→ 043A **ᠤ** cyrillic small letter ka
~ 183B **ᠤ** (initial)
~ 183B **ᠤ** (medial)
~ 183B **ᠤ** (final)
- 183C **ᠤ** MONGOLIAN LETTER TSA
→ 0446 **ᠤ** cyrillic small letter tse
~ 183C **ᠤ** (initial)
~ 183C **ᠤ** (medial)
~ 183C **ᠤ** (final)
- 183D **ᠤ** MONGOLIAN LETTER ZA
→ 0437 **ᠤ** cyrillic small letter ze
~ 183D **ᠤ** (initial)
~ 183D **ᠤ** (medial)
~ 183D **ᠤ** (final)
- 183E **ᠤ** MONGOLIAN LETTER HAA
→ 0445 **ᠤ** cyrillic small letter ha
~ 183E **ᠤ** (initial)
~ 183E **ᠤ** (medial)
~ 183E **ᠤ** (final)
- 183F **ᠤ** MONGOLIAN LETTER ZRA
→ 0436 **ᠤ** cyrillic small letter zhe
~ 183F **ᠤ** (initial)
~ 183F **ᠤ** (medial)
~ 183F **ᠤ** (final)
- 1840 **ᠤ** MONGOLIAN LETTER LHA
~ 1840 **ᠤ** (initial)
~ 1840 **ᠤ** (medial)
~ 1840 **ᠤ** (final)
• Ed. need new glyph to match DS01-20150803
- 1841 **ᠤ** MONGOLIAN LETTER ZHI
~ 1841 **ᠤ** (initial)
~ 1841 **ᠤ** (medial)
~ 1841 **ᠤ** (final)
• Ed. need new glyph to match DS01-20150803
- 1842 **ᠤ** MONGOLIAN LETTER CHI
~ 1842 **ᠤ** (initial)
~ 1842 **ᠤ** (medial)
~ 1842 **ᠤ** (final)
• Ed. need new glyph to match DS01-20150803

Todo letters

- 1843 **ᠤ** MONGOLIAN LETTER TODO LONG VOWEL SIGN
~ 1843 **ᠤ** (initial)
• context driven
~ 1843 **ᠤ** (medial)
• context driven
~ 1843 **ᠤ** (final)
• context driven
~ 1843 180B **ᠤ** 2nd form (final)
• Ed. research needed on final variant
- 1844 **ᠤ** MONGOLIAN LETTER TODO E
~ 1844 **ᠤ** (initial)
~ 1844 **ᠤ** 1st form (medial)
~ 1844 180B **ᠤ** 2nd form (medial)
~ 1844 **ᠤ** (final)
- 1845 **ᠤ** MONGOLIAN LETTER TODO I
~ 1845 **ᠤ** (initial)
~ 1845 **ᠤ** 1st form (medial)
~ 1845 180B **ᠤ** 2nd form (medial)
• context driven
~ 1845 **ᠤ** (final)
- 1846 **ᠤ** MONGOLIAN LETTER TODO O
~ 1846 **ᠤ** (initial)
~ 1846 **ᠤ** 1st form (medial)
~ 1846 180B **ᠤ** 2nd form (medial)
~ 1846 **ᠤ** (final)
- 1847 **ᠤ** MONGOLIAN LETTER TODO U
~ 1847 180B **ᠤ** 2nd form (isolate)
~ 1847 **ᠤ** (initial)
~ 1847 **ᠤ** 1st form (medial)
~ 1847 180B **ᠤ** 2nd form (medial)
~ 1847 180C **ᠤ** 3rd form (medial)
• context driven
~ 1847 **ᠤ** 1st form (final)
~ 1847 180B **ᠤ** 2nd form (final)
• context driven
- 1848 **ᠤ** MONGOLIAN LETTER TODO OE
~ 1848 **ᠤ** (initial)
~ 1848 **ᠤ** 1st form (medial)
~ 1848 180B **ᠤ** 2nd form (medial)
~ 1848 **ᠤ** (final)
- 1849 **ᠤ** MONGOLIAN LETTER TODO UE
~ 1849 180B **ᠤ** 2nd form (isolate)
~ 1849 **ᠤ** (initial)
~ 1849 **ᠤ** 1st form (medial)
~ 1849 180B **ᠤ** 2nd form (medial)
~ 1849 **ᠤ** (final)
- 184A **ᠤ** MONGOLIAN LETTER TODO ANG
~ 184A **ᠤ** (initial)
~ 184A **ᠤ** (medial)
~ 184A **ᠤ** (final)
- 184B **ᠤ** MONGOLIAN LETTER TODO BA
~ 184B **ᠤ** (initial)
~ 184B **ᠤ** (medial)
~ 184B **ᠤ** (final)
- 184C **ᠤ** MONGOLIAN LETTER TODO PA
~ 184C **ᠤ** (initial)
~ 184C **ᠤ** (medial)
~ 184C **ᠤ** (final)

- 184D  **MONGOLIAN LETTER TODO QA**
 ~ 184D 180B  2nd form (isolate)
 ~ 184D  1st form (initial)
 ~ 184D  1st form (medial)
 ~ 184D  (final)
- 184E  **MONGOLIAN LETTER TODO GA**
 ~ 184E 180B  2nd form (isolate)
 ~ 184E  1st form (initial)
 ~ 184E  1st form (medial)
 ~ 184E 180B  2nd form (medial)
 • context driven
 ~ 184E  (final)
- 184F  **MONGOLIAN LETTER TODO MA**
 ~ 184F  (initial)
 ~ 184F  (medial)
 ~ 184F  (final)
- 1850  **MONGOLIAN LETTER TODO TA**
 ~ 1850  (initial)
 ~ 1850  (medial)
 ~ 1850  (final)
- 1851  **MONGOLIAN LETTER TODO DA**
 ~ 1851  (initial)
 ~ 1851  (medial)
 ~ 1851  (final)
- 1852  **MONGOLIAN LETTER TODO CHA**
 ~ 1852  (initial)
 ~ 1852  (medial)
 ~ 1852  (final)
- 1853  **MONGOLIAN LETTER TODO JA**
 ~ 1853  (initial)
 ~ 1853  (medial)
 ~ 1853  (final)
- 1854  **MONGOLIAN LETTER TODO TSA**
 ~ 1854  (initial)
 ~ 1854  (medial)
 ~ 1854  (final)
- 1855  **MONGOLIAN LETTER TODO YA**
 ~ 1855  (initial)
 ~ 1855  (medial)
 ~ 1855  (final)
- 1856  **MONGOLIAN LETTER TODO WA**
 ~ 1856  (initial)
 ~ 1856  (medial)
 ~ 1856  (final)
- 1857  **MONGOLIAN LETTER TODO KA**
 ~ 1857  (initial)
 ~ 1857  (medial)
 ~ 1857  (final)
- 1858  **MONGOLIAN LETTER TODO GAA**
 ~ 1858  (initial)
 ~ 1858  (medial)
 ~ 1858  (final)
- 1859  **MONGOLIAN LETTER TODO HAA**
 ~ 1859  (initial)
 ~ 1859  (medial)
 ~ 1859  (final)
- 185A  **MONGOLIAN LETTER TODO JIA**
 ~ 185A  (initial)
 ~ 185A  (medial)
 ~ 185A  (final)

- 185B  **MONGOLIAN LETTER TODO NIA**
 ~ 185B  (initial)
 ~ 185B  (medial)
 ~ 185B  (final)
- 185C  **MONGOLIAN LETTER TODO DZA**
 ~ 185C  (initial)
 ~ 185C  (medial)
 ~ 185C  (final)

Sibe letters

- 185D  **MONGOLIAN LETTER SIBE E**
 ~ 185D 180B  2nd form (isolate)
 ~ 185D  (initial)
 ~ 185D  1st form (medial)
 ~ 185D 180B  2nd form (medial)
 • context driven
 ~ 185D  1st form (final)
 ~ 185D 180B  2nd form (final)
 • context driven
 ~ 185D 180C  3rd form (final)
 • Ed. research needed here on final variant
 ~ 185D 180D  4th form (final)
 • Ed. research needed here on final variant
- 185E  **MONGOLIAN LETTER SIBE I**
 ~ 185E 180B  2nd form (isolate)
 ~ 185E  (initial)
 ~ 185E  1st form (medial)
 ~ 185E 180B  2nd form (medial)
 • context driven
 ~ 185E 180C  3rd form (medial)
 • context driven
 ~ 185E  1st form (final)
 • also implemented with NNBS
 ~ 185E 180B  2nd form (final)
 • context driven
 ~ 185E 180C  3rd form (final)
- 185F  **MONGOLIAN LETTER SIBE IY**
 ~ 185F  (initial)
 ~ 185F  (medial)
 ~ 185F  (final)
- 1860  **MONGOLIAN LETTER SIBE UE**
 ~ 1860  (initial)
 ~ 1860  1st form (medial)
 ~ 1860 180B  2nd form (medial)
 • context driven
 ~ 1860  1st form (final)
 ~ 1860 180B  2nd form (final)
 • context driven
 ~ 1860 180C  3rd form (final)
 • context driven
 ~ 1860 180D  4th form (final)
 • Ed research needed here on final undotted variant
- 1861  **MONGOLIAN LETTER SIBE U**
 ~ 1861 180B  2nd form (isolate)
 ~ 1861  (initial)
 ~ 1861  (medial)
 ~ 1861  (final)
- 1862  **MONGOLIAN LETTER SIBE ANG**
 ~ 1862  (initial)
 ~ 1862  (medial)
 ~ 1862  (final)

- 1863  **MONGOLIAN LETTER SIBE KA**
 ~ 1863 180B  2nd form (isolate)
 ~ 1863  (initial)
 ~ 1863  1st form (medial)
 ~ 1863 180B  2nd form (medial)
 • context driven
 ~ 1863  (final)
- 1864  **MONGOLIAN LETTER SIBE GA**
 ~ 1864 180B  2nd form (isolate)
 ~ 1864  (initial)
 ~ 1864  (medial)
 ~ 1864  (final)
- 1865  **MONGOLIAN LETTER SIBE HA**
 ~ 1865 180B  2nd form (isolate)
 ~ 1865  (initial)
 ~ 1865  1st form (medial)
 ~ 1865  (final)
- 1866  **MONGOLIAN LETTER SIBE PA**
 ~ 1866  (initial)
 ~ 1866  (medial)
 ~ 1866  (final)
- 1867  **MONGOLIAN LETTER SIBE SHA**
 ~ 1867  (initial)
 ~ 1867  (medial)
 ~ 1867  (final)
- 1868  **MONGOLIAN LETTER SIBE TA**
 ~ 1868  1st form (initial)
 ~ 1868 180B  2nd form (initial)
 • context driven
 ~ 1868  1st form (medial)
 ~ 1868 180B  2nd form (medial)
 • context driven
 ~ 1868 180C  3rd form (medial)
 • Ed no context currently - more research needed here
 ~ 1868  (final)
- 1869  **MONGOLIAN LETTER SIBE DA**
 ~ 1869  1st form (initial)
 ~ 1869 180B  2nd form (initial)
 • context driven and also NNBS
 ~ 1869  1st form (medial)
 ~ 1869 180B  2nd form (medial)
 • context driven
 ~ 1869  (final)
- 186A  **MONGOLIAN LETTER SIBE JA**
 ~ 186A  (initial)
 ~ 186A  (medial)
 ~ 186A  (final)
- 186B  **MONGOLIAN LETTER SIBE FA**
 ~ 186B  (initial)
 ~ 186B  (medial)
 ~ 186B  (final)
- 186C  **MONGOLIAN LETTER SIBE GAA**
 ~ 186C  (initial)
 ~ 186C  (medial)
 ~ 186C  (final)
- 186D  **MONGOLIAN LETTER SIBE HAA**
 ~ 186D  (initial)
 ~ 186D  (medial)
 ~ 186D  (final)

- 186E  **MONGOLIAN LETTER SIBE TSA**
 ~ 186E  (initial)
 ~ 186E  (medial)
 ~ 186E  (final)
- 186F  **MONGOLIAN LETTER SIBE ZA**
 ~ 186F  1st form (initial)
 ~ 186F 180B  2nd form (initial)
 • context driven
 ~ 186F  1st form (medial)
 ~ 186F 180B  2nd form (medial)
 • context driven
 ~ 186F  (final)
- 1870  **MONGOLIAN LETTER SIBE RAA**
 ~ 1870  (initial)
 ~ 1870  (medial)
 ~ 1870  (final)
- 1871  **MONGOLIAN LETTER SIBE CHA**
 ~ 1871  (initial)
 ~ 1871  (medial)
 ~ 1871  (final)
- 1872  **MONGOLIAN LETTER SIBE ZHA**
 ~ 1872  (initial)
 ~ 1872  (medial)
 ~ 1872  (final)

Manchu letters

- 1873  **MONGOLIAN LETTER MANCHU I**
 ~ 1873 180B  2nd form (isolate)
 ~ 1873  (initial)
 ~ 1873  1st form (medial)
 ~ 1873 180B  2nd form (medial)
 • context driven
 ~ 1873 180C  3rd form (medial)
 ~ 1873 180D  4th form (medial)
 ~ 1873  1st form (final)
 • also implemented with NNBS
 ~ 1873 180B  2nd form (final)
 ~ 1873 180C  3rd form (final)
 ~ 1873 180D  4th form (final)
 • context driven
- 1874  **MONGOLIAN LETTER MANCHU KA**
 ~ 1874 180B  2nd form (isolate)
 ~ 1874  (initial)
 ~ 1874  1st form (medial)
 ~ 1874 180B  2nd form (medial)
 • context driven
 ~ 1874 180C  3rd form (medial)
 • context driven
 ~ 1874 180D  4th form (medial)
 ~ 1874  1st form (final)
 ~ 1874 180B  2nd form (final)
 • context driven
 ~ 1874 180C  3rd form (final)
- 1875  **MONGOLIAN LETTER MANCHU RA**
 ~ 1875  (initial)
 ~ 1875  (medial)
 ~ 1875  (final)

1876 ࠨ MONGOLIAN LETTER MANCHU FA

- ~ 1876 ࠨ 1st form (initial)
- ~ 1876 180B ࠨ 2nd form (initial)
- context driven
- ~ 1876 ࠨ (medial)
- ~ 1876 180B ࠨ 2nd form (medial)
- context driven
- ~ 1876 ࠨ (final)

1877 ࠩ MONGOLIAN LETTER MANCHU ZHA

- ~ 1877 ࠩ (initial)
- ~ 1877 ࠩ (medial)
- ~ 1877 ࠩ (final)

Punctuation for Sanskrit and Tibetan

Despite their names, these characters are not letters but punctuation

1880 ࠰ MONGOLIAN LETTER ALI GALI ANUSVARA ONE

- 0F83 ࠰ tibetan sign sna ldan
- ~ 1880 180B ࠰ 2nd form

1881 ࠱ MONGOLIAN LETTER ALI GALI VISARGA ONE

- 0F7F ࠱ tibetan sign rnam bcad
- ~ 1881 180B ࠱ 2nd form

1882 ࠲ MONGOLIAN LETTER ALI GALI DAMARU

- 0F88 ࠲ tibetan sign lce tsa can

1883 ࠳ MONGOLIAN LETTER ALI GALI UBADAMA

1884 ࠴ MONGOLIAN LETTER ALI GALI INVERTED UBADAMA

- 0F89 ࠴ tibetan sign mchu can

Diacritical marks for Sanskrit and Tibetan

Despite their names, these characters are not letters but diacritical marks

1885 ࠵ MONGOLIAN LETTER ALI GALI BALUDA

- 0F85 ࠵ tibetan mark paluta

1886 ࠶ MONGOLIAN LETTER ALI GALI THREE BALUDA

Letters for Sanskrit and Tibetan

1887 ࠷ MONGOLIAN LETTER ALI GALI A

- ~ 1887 180B ࠷ 2nd form (isolate)
- ~ 1887 ࠷ (initial)
- ~ 1887 ࠷ (medial)
- ~ 1887 ࠷ 1st form (final)
- ~ 1887 180B ࠷ 2nd form (final)
- ~ 1887 180C ࠷ 3rd form (final)
- ~ 1887 180D ࠷ 4th form (final)

1888 ࠸ MONGOLIAN LETTER ALI GALI I

- ~ 1888 ࠸ (initial)
- ~ 1888 ࠸ (medial)
- ~ 1888 180B ࠸ 2nd form (medial)
- context driven
- Ed research needed here on purpose of shorter form
- ~ 1888 ࠸ 1st form (final)
- ~ 1888 180B ࠸ 2nd form (final)

1889 ࠹ MONGOLIAN LETTER ALI GALI KA

- ~ 1889 ࠹ (initial)
- ~ 1889 ࠹ (medial)
- ~ 1889 ࠹ (final)

188A ࠺ MONGOLIAN LETTER ALI GALI NG

- ~ 188A ࠺ 1st form (initial)
- ~ 188A 180B ࠺ 2nd form (initial)
- context driven
- ~ 188A ࠺ 1st form (medial)
- ~ 188A 180B ࠺ 2nd form (medial)
- context driven
- ~ 188A ࠺ (final)

188B ࠻ MONGOLIAN LETTER ALI GALI CA

- ~ 188B ࠻ (initial)
- ~ 188B ࠻ (medial)
- ~ 188B ࠻ (final)

188C ࠼ MONGOLIAN LETTER ALI GALI TTA

- ~ 188C ࠼ (initial)
- ~ 188C ࠼ (medial)
- ~ 188C ࠼ (final)

188D ࠽ MONGOLIAN LETTER ALI GALI TTHA

- ~ 188D ࠽ (initial)
- ~ 188D ࠽ (medial)
- ~ 188D ࠽ (final)

188E ࠼ MONGOLIAN LETTER ALI GALI DDA

- ~ 188E ࠼ (initial)
- ~ 188E ࠼ (medial)
- ~ 188E ࠼ (final)

188F ࠾ MONGOLIAN LETTER ALI GALI NNA

- ~ 188F ࠾ (initial)
- ~ 188F ࠾ (medial)
- ~ 188F ࠾ (final)

1890 ࠿ MONGOLIAN LETTER ALI GALI TA

- ~ 1890 ࠿ (initial)
- ~ 1890 ࠿ (medial)
- ~ 1890 ࠿ (final)

1891 ࠻ MONGOLIAN LETTER ALI GALI DA

- ~ 1891 ࠻ (initial)
- ~ 1891 ࠻ (medial)
- ~ 1891 ࠻ (final)

1892 ࠼ MONGOLIAN LETTER ALI GALI PA

- ~ 1892 ࠼ (initial)
- ~ 1892 ࠼ (medial)
- ~ 1892 ࠼ (final)

1893 ࠼ MONGOLIAN LETTER ALI GALI PHA

- ~ 1893 ࠼ (initial)
- ~ 1893 ࠼ (medial)
- ~ 1893 ࠼ (final)

1894 ࠼ MONGOLIAN LETTER ALI GALI SSA

- ~ 1894 ࠼ (initial)
- ~ 1894 ࠼ (medial)
- ~ 1894 ࠼ (final)

1895 ࠼ MONGOLIAN LETTER ALI GALI ZHA

- ~ 1895 ࠼ (initial)
- ~ 1895 ࠼ (medial)
- ~ 1895 ࠼ (final)

1896 ࠼ MONGOLIAN LETTER ALI GALI ZA

- ~ 1896 ࠼ (initial)
- ~ 1896 ࠼ (medial)
- ~ 1896 ࠼ (final)

1897 ࠼ MONGOLIAN LETTER ALI GALI AH

- ~ 1897 ࠼ (initial)
- ~ 1897 ࠼ (medial)
- ~ 1897 ࠼ (final)

- 1898  MONGOLIAN LETTER TODO ALI GALI TA
 ~ 1898  (initial)
 ~ 1898  (medial)
 ~ 1898  (final)
- 1899  MONGOLIAN LETTER TODO ALI GALI ZHA
 ~ 1899  (initial)
 ~ 1899  (medial)
 ~ 1899  (final)
- 189A  MONGOLIAN LETTER MANCHU ALI GALI GHA
 ~ 189A  (initial)
 ~ 189A  (medial)
 ~ 189A  (final)
- 189B  MONGOLIAN LETTER MANCHU ALI GALI NG
 ~ 189B  (initial)
 ~ 189B  (medial)
 ~ 189B  (final)
- 189C  MONGOLIAN LETTER MANCHU ALI GALI CA
 ~ 189C  (initial)
 ~ 189C  (medial)
 ~ 189C  (final)
- 189D  MONGOLIAN LETTER MANCHU ALI GALI JHA
 ~ 189D  (initial)
 ~ 189D  (medial)
 ~ 189D  (final)
- 189E  MONGOLIAN LETTER MANCHU ALI GALI TTA
 ~ 189E  (initial)
 ~ 189E  (medial)
 ~ 189E  (final)
- 189F  MONGOLIAN LETTER MANCHU ALI GALI DDHA
 ~ 189F  (initial)
 ~ 189F  (medial)
 ~ 189F  (final)
- 18A0  MONGOLIAN LETTER MANCHU ALI GALI TA
 ~ 18A0  1st form (initial)
 • context driven
 ~ 18A0 180B  2nd form (initial)
 ~ 18A0  1st form (medial)
 ~ 18A0 180B  2nd form (medial)
 • context driven
 ~ 18A0  (final)
- 18A1  MONGOLIAN LETTER MANCHU ALI GALI DHA
 ~ 18A1  1st form (initial)
 ~ 18A1 180B  2nd form (initial)
 • context driven
 ~ 18A1  1st form (medial)
 ~ 18A1 180B  2nd form (medial)
 • context driven
 ~ 18A1  (final)
- 18A2  MONGOLIAN LETTER MANCHU ALI GALI SSA
 ~ 18A2  (initial)
 ~ 18A2  (medial)
 ~ 18A2  (final)
- 18A3  MONGOLIAN LETTER MANCHU ALI GALI CYA
 ~ 18A3  (initial)
 ~ 18A3  (medial)
 ~ 18A3  (final)
- 18A4  MONGOLIAN LETTER MANCHU ALI GALI ZHA
 ~ 18A4  (initial)
 ~ 18A4  (medial)
 ~ 18A4  (final)

- 18A5  MONGOLIAN LETTER MANCHU ALI GALI ZA
 ~ 18A5  (initial)
 ~ 18A5  (medial)
 ~ 18A5  (final)
- 18A6  MONGOLIAN LETTER ALI GALI HALF U
 ~ 18A6  (initial)
 ~ 18A6  (medial)
 ~ 18A6  (final)
- 18A7  MONGOLIAN LETTER ALI GALI HALF YA
 ~ 18A7  (initial)
 ~ 18A7  (medial)
 ~ 18A7  (final)
- 18A8  MONGOLIAN LETTER MANCHU ALI GALI BHA
 ~ 18A8  (initial)
 ~ 18A8  (medial)
 ~ 18A8  (final)

Diacritical mark for Sanskrit and Tibetan

- 18A9  MONGOLIAN LETTER ALI GALI DAGALGA
 • this is not a letter but a diacritical mark

Letter for Sanskrit and Tibetan

- 18AA  MONGOLIAN LETTER MANCHU ALI GALI LHA
 ~ 18AA  (initial)
 ~ 18AA  (medial)
 ~ 18AA  (final)

Standardized Variation Sequences and Alternate Representative Glyphs			
<i>Unlike other blocks, these variation sequences use the script-specific variation selectors for Mongolian.</i>			
1807		MONGOLIAN SIBE SYLLABLE BOUNDARY MARKER	
1807		(medial)	
180A		MONGOLIAN NIRUGU	
180A		(initial)	
180A		(medial)	
180A		(final)	
1820		MONGOLIAN LETTER A	
1820		2nd form (isolate)	
1820 180B		1st form (initial)	
1820		2nd form (initial)	
1820 180B		1st form (medial)	
1820		2nd form (medial)	
1820 180B		1st form (final)	
1820		2nd form (final)	
1820 180B			
1821		MONGOLIAN LETTER E	
1821		1st form (initial)	
1821		2nd form (initial)	
1821 180B		(medial)	
1821		1st form (final)	
1821		2nd form (final)	
1821 180B			
1822		MONGOLIAN LETTER I	
1822		(initial)	
1822		1st form (medial)	
1822		2nd form (medial)	
1822 180B		3rd form (medial)	
1822 180C		4th form (medial)	
1822 180D		(final)	
1822			

1823  MONGOLIAN LETTER O 1823  (initial) 1823  1st form (medial) 1823  2nd form (medial) 1823 180B  1st form (final) 1823  2nd form (final)	1825  MONGOLIAN LETTER OE 1825  (initial) 1825  1st form (medial) 1825  2nd form (medial) 1825 180B  3rd form (medial) 1825 180C  1st form (final) 1825  2nd form (final)
1824  MONGOLIAN LETTER U 1824  2nd form (isolate) 1824 180B  (initial) 1824  1st form (medial) 1824  2nd form (medial) 1824 180B  1st form (final) 1824  2nd form (final) 1824 180B	1826  MONGOLIAN LETTER UE 1826  2nd form (isolate) 1826 180B  3rd form (isolate) 1826 180C  (initial) 1826  1st form (medial) 1826  2nd form (medial) 1826 180B  3rd form (medial) 1826 180C  1st form (final) 1826  2nd form (final) 1826 180B

1827  MONGOLIAN LETTER EE 1827  (initial) 1827  (medial) 1827  (final) 1828  MONGOLIAN LETTER NA 1828  1st form (initial) 1828  2nd form (initial) 1828 180B  1st form (medial) 1828  2nd form (medial) 1828 180B  3rd form (medial) 1828 180C  4th form (medial) 1828 180D  1st form (final) 1828  2nd form (final) 1828 180B  MONGOLIAN LETTER ANG 1829  (initial) 1829  (medial) 1829  (final) 1829  (final)	182A  MONGOLIAN LETTER BA 182A  (initial) 182A  (medial) 182A  1st form (final) 182A  2nd form (final) 182A 180B  MONGOLIAN LETTER PA 182B  (initial) 182B  (medial) 182B  (final) 182B  MONGOLIAN LETTER QA 182C  2nd form (isolate) 182C 180B  3rd form (isolate) 182C 180C  1st form (initial) 182C  2nd form (initial) 182C 180B  1st form (medial) 182C  2nd form (medial) 182C 180B  1st form (final) 182C  2nd form (final) 182C 180B  2nd form (final)
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182D  MONGOLIAN LETTER GA 182D  2nd form (isolate) 182D 180B  3rd form (isolate) 182D 180C  1st form (initial) 182D  2nd form (initial) 182D 180B  3rd form (initial) 182D 180C  1st form (medial) 182D  2nd form (medial) 182D 180B  3rd form (medial) 182D 180C  4th form (medial) 182D 180D  1st form (final) 182D  2nd form (final) 182D 180B  3rd form (final) 182D 180C  4th form (final) 182D 180D 182E  MONGOLIAN LETTER MA 182E  (initial) 182E  (medial) 182E  (final) 182E	182F  MONGOLIAN LETTER LA 182F  (initial) 182F  (medial) 182F  (final) 182F 1830  MONGOLIAN LETTER SA 1830  (initial) 1830  (medial) 1830  1st form (final) 1830  2nd form (final) 1830 180B  3rd form (final) 1830 180C 1831  MONGOLIAN LETTER SHA 1831  (initial) 1831  (medial) 1831  (final) 1831
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1832  MONGOLIAN LETTER TA 1832  (initial) 1832  1st form (medial) 1832  2nd form (medial) 1832 180B  (final) 1833  MONGOLIAN LETTER DA 1833  1st form (initial) 1833  2nd form (initial) 1833 180B  1st form (medial) 1833  2nd form (medial) 1833 180B  1st form (final) 1833  2nd form (final) 1833 180B  MONGOLIAN LETTER CHA 1834  (initial) 1834  (medial) 1834  (final) 1834	1835  MONGOLIAN LETTER JA 1835  (initial) 1835  (medial) 1835  1st form (final) 1835  2nd form (final) 1835 180B  MONGOLIAN LETTER YA 1836  1st form (initial) 1836  2nd form (initial) 1836 180B  1st form (medial) 1836  2nd form (medial) 1836 180B  (final) 1836  MONGOLIAN LETTER RA 1837  (initial) 1837  (medial) 1837  (final) 1837
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1838	 MONGOLIAN LETTER WA	183C	 MONGOLIAN LETTER TSA
1838	 (initial)	183C	 (initial)
1838	 1st form (medial)	183C	 (medial)
1838	 2nd form (medial)	183C	 (final)
1838 180B	 1st form (final)	183C	
1838	 2nd form (final)	183D	 MONGOLIAN LETTER ZA
1838 180B		183D	 (initial)
1839	 MONGOLIAN LETTER FA	183D	 (medial)
1839	 (initial)	183D	 (final)
1839	 (medial)	183D	
1839	 (final)	183E	 MONGOLIAN LETTER HAA
1839		183E	 (initial)
183A	 MONGOLIAN LETTER KA	183E	 (medial)
183A	 (initial)	183E	 (final)
183A	 (medial)	183E	
183A	 (final)	183F	 MONGOLIAN LETTER ZRA
183A		183F	 (initial)
183B	 MONGOLIAN LETTER KHA	183F	 (medial)
183B	 (initial)	183F	 (final)
183B	 (medial)	183F	
183B	 (final)		
183B			

1840	 1840  1840  1840  1840	MONGOLIAN LETTER LHA		1844	 1844  1844  1844  1844 180B  1844	MONGOLIAN LETTER TODO E
1841	 1841  1841  1841  1841	MONGOLIAN LETTER ZHI		1845	 1845  1845  1845  1845 180B  1845	MONGOLIAN LETTER TODO I
1842	 1842  1842  1842  1842	MONGOLIAN LETTER CHI		1846	 1846  1846  1846  1846 180B  1846	MONGOLIAN LETTER TODO O
1843	 1843  1843  1843  1843  1843 180B	MONGOLIAN LETTER TODO LONG VOWEL SIGN				

1847		MONGOLIAN LETTER TODO U
1847		2nd form (isolate)
1847 180B		(initial)
1847		1st form (medial)
1847		2nd form (medial)
1847 180B		3rd form (medial)
1847 180C		1st form (final)
1847		2nd form (final)
1847 180B		
1848		MONGOLIAN LETTER TODO OE
1848		(initial)
1848		1st form (medial)
1848		2nd form (medial)
1848 180B		(final)
1848		
1849		MONGOLIAN LETTER TODO UE
1849		2nd form (isolate)
1849 180B		(initial)
1849		1st form (medial)
1849		2nd form (medial)
1849 180B		(final)
1849		
184A		MONGOLIAN LETTER TODO ANG
184A		(initial)
184A		(medial)
184A		(final)
184A		
184B		MONGOLIAN LETTER TODO BA
184B		(initial)
184B		(medial)
184B		(final)
184B		
184C		MONGOLIAN LETTER TODO PA
184C		(initial)
184C		(medial)
184C		(final)
184C		

184D  MONGOLIAN LETTER TODO QA 184D  2nd form (isolate) 184D 180B  1st form (initial) 184D  1st form (medial) 184D  (final) 184E  MONGOLIAN LETTER TODO GA 184E  2nd form (isolate) 184E 180B  1st form (initial) 184E  1st form (medial) 184E  2nd form (medial) 184E 180B  (final) 184F  MONGOLIAN LETTER TODO MA 184F  (initial) 184F  (medial) 184F  (final) 184F	1850  MONGOLIAN LETTER TODO TA 1850  (initial) 1850  (medial) 1850  (final) 1851  MONGOLIAN LETTER TODO DA 1851  (initial) 1851  (medial) 1851  (final) 1852  MONGOLIAN LETTER TODO CHA 1852  (initial) 1852  (medial) 1852  (final) 1853  MONGOLIAN LETTER TODO JA 1853  (initial) 1853  (medial) 1853  (final) 1853
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1854	 MONGOLIAN LETTER TODO TSA	1858	 MONGOLIAN LETTER TODO GAA
1854	 (initial)	1858	 (initial)
1854	 (medial)	1858	 (medial)
1854	 (final)	1858	 (final)
1855	 MONGOLIAN LETTER TODO YA	1859	 MONGOLIAN LETTER TODO HAA
1855	 (initial)	1859	 (initial)
1855	 (medial)	1859	 (medial)
1855	 (final)	1859	 (final)
1856	 MONGOLIAN LETTER TODO WA	185A	 MONGOLIAN LETTER TODO JIA
1856	 (initial)	185A	 (initial)
1856	 (medial)	185A	 (medial)
1856	 (final)	185A	 (final)
1857	 MONGOLIAN LETTER TODO KA	185B	 MONGOLIAN LETTER TODO NIA
1857	 (initial)	185B	 (initial)
1857	 (medial)	185B	 (medial)
1857	 (final)	185B	 (final)
1857		185B	

185C  MONGOLIAN LETTER TODO DZA 185C  (initial) 185C  (medial) 185C  (final) 185C 185D  MONGOLIAN LETTER SIBE E 185D  2nd form (isolate) 185D 180B  (initial) 185D  1st form (medial) 185D  2nd form (medial) 185D 180B  1st form (final) 185D  2nd form (final) 185D 180B  3rd form (final) 185D 180C  4th form (final) 185D 180D	185E  MONGOLIAN LETTER SIBE I 185E  2nd form (isolate) 185E 180B  (initial) 185E  1st form (medial) 185E  2nd form (medial) 185E 180B  3rd form (medial) 185E 180C  1st form (final) 185E  2nd form (final) 185E 180B  3rd form (final) 185E 180C 185F  MONGOLIAN LETTER SIBE IY 185F  (initial) 185F  (medial) 185F  (final) 185F
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1860  MONGOLIAN LETTER SIBE UE 1860  (initial) 1860  1st form (medial) 1860  2nd form (medial) 1860 180B  1st form (final) 1860  2nd form (final) 1860 180B  3rd form (final) 1860 180C  4th form (final)	1863  MONGOLIAN LETTER SIBE KA 1863  2nd form (isolate) 1863 180B  (initial) 1863  1st form (medial) 1863  2nd form (medial) 1863 180B  (final)
1861  MONGOLIAN LETTER SIBE U 1861  2nd form (isolate) 1861 180B  (initial) 1861  (medial) 1861  (final)	1864  MONGOLIAN LETTER SIBE GA 1864  2nd form (isolate) 1864 180B  (initial) 1864  (medial) 1864  (final)
1862  MONGOLIAN LETTER SIBE ANG 1862  (initial) 1862  (medial) 1862  (final)	1865  MONGOLIAN LETTER SIBE HA 1865  2nd form (isolate) 1865 180B  (initial) 1865  1st form (medial) 1865  (final)

1866	 MONGOLIAN LETTER SIBE PA	1869	 MONGOLIAN LETTER SIBE DA
1866	 (initial)	1869	 1st form (initial)
1866	 (medial)	1869	 2nd form (initial)
1866	 (final)	1869 180B	 1st form (medial)
1867	 MONGOLIAN LETTER SIBE SHA	1869	 2nd form (medial)
1867	 (initial)	1869 180B	 (final)
1867	 (medial)	1869	186A
1867	 (final)	186A	 MONGOLIAN LETTER SIBE JA
1868	 MONGOLIAN LETTER SIBE TA	186A	 (initial)
1868	 1st form (initial)	186A	 (medial)
1868	 2nd form (initial)	186A	 (final)
1868 180B	 1st form (medial)	186A	186B
1868	 2nd form (medial)	186B	 MONGOLIAN LETTER SIBE FA
1868 180B	 3rd form (medial)	186B	 (initial)
1868 180C	 (final)	186B	 (medial)
1868		186B	 (final)

186C MONGOLIAN LETTER SIBE GAA 186C  (initial) 186C  (medial) 186C  (final) 186D MONGOLIAN LETTER SIBE HAA 186D  (initial) 186D  (medial) 186D  (final) 186E MONGOLIAN LETTER SIBE TSA 186E  (initial) 186E  (medial) 186E  (final) 186E	186F MONGOLIAN LETTER SIBE ZA 186F  1st form (initial) 186F  2nd form (initial) 186F 180B  1st form (medial) 186F  2nd form (medial) 186F 180B  (final) 1870 MONGOLIAN LETTER SIBE RAA 1870  (initial) 1870  (medial) 1870  (final) 1871 MONGOLIAN LETTER SIBE CHA 1871  (initial) 1871  (medial) 1871  (final) 1872 MONGOLIAN LETTER SIBE ZHA 1872  (initial) 1872  (medial) 1872  (final) 1872
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1873  MONGOLIAN LETTER MANCHU I 1873  2nd form (isolate) 1873 180B  (initial) 1873  1st form (medial) 1873  2nd form (medial) 1873 180B  3rd form (medial) 1873 180C  4th form (medial) 1873 180D  1st form (final) 1873  2nd form (final) 1873 180B  3rd form (final) 1873 180C  4th form (final) 1873 180D	1874  MONGOLIAN LETTER MANCHU KA 1874  2nd form (isolate) 1874 180B  (initial) 1874  1st form (medial) 1874  2nd form (medial) 1874 180B  3rd form (medial) 1874 180C  4th form (medial) 1874 180D  1st form (final) 1874  2nd form (final) 1874 180B  3rd form (final) 1874 180C 1875  MONGOLIAN LETTER MANCHU RA 1875  (initial) 1875  (medial) 1875  (final) 1875
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1876  MONGOLIAN LETTER MANCHU FA 1876  1st form (initial) 1876  2nd form (initial) 1876 180B  (medial) 1876  2nd form (medial) 1876 180B  (final) 1877  MONGOLIAN LETTER MANCHU ZHA 1877  (initial) 1877  (medial) 1877  (final) 1880  MONGOLIAN LETTER ALI GALI ANUSVARA ONE 1880  2nd form 1881  MONGOLIAN LETTER ALI GALI VISARGA ONE 1881  2nd form 1881 180B	1887  MONGOLIAN LETTER ALI GALI A 1887  2nd form (isolate) 1887 180B  (initial) 1887  (medial) 1887  1st form (final) 1887  2nd form (final) 1887 180B  3rd form (final) 1887 180C  4th form (final) 1887 180D 1888  MONGOLIAN LETTER ALI GALI I 1888  (initial) 1888  (medial) 1888  2nd form (medial) 1888 180B  1st form (final) 1888  2nd form (final) 1888 180B 1889  MONGOLIAN LETTER ALI GALI KA 1889  (initial) 1889  (medial) 1889  (final) 1889
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188A		MONGOLIAN LETTER ALI GALI NGA	188E		MONGOLIAN LETTER ALI GALI DDA
188A		1st form (initial)	188E		(initial)
188A		2nd form (initial)	188E		(medial)
188A 180B		1st form (medial)	188E		(final)
188A		2nd form (medial)	188E		
188A 180B		(final)	188F		MONGOLIAN LETTER ALI GALI NNA
188A			188F		(initial)
188B		MONGOLIAN LETTER ALI GALI CA	188F		(medial)
188B		(initial)	188F		(final)
188B		(medial)	188F		
188B		(final)	1890		MONGOLIAN LETTER ALI GALI TA
188B			1890		(initial)
188C		MONGOLIAN LETTER ALI GALI TTA	1890		(medial)
188C		(initial)	1890		(final)
188C		(medial)	1890		
188C		(final)	1891		MONGOLIAN LETTER ALI GALI DA
188C			1891		(initial)
188D		MONGOLIAN LETTER ALI GALI TTHA	1891		(medial)
188D		(initial)	1891		(final)
188D		(medial)	1891		
188D		(final)			
188D					

1892		MONGOLIAN LETTER ALI GALI PA	1896		MONGOLIAN LETTER ALI GALI ZA
1892		(initial)	1896		(initial)
1892		(medial)	1896		(medial)
1892		(final)	1896		(final)
1893		MONGOLIAN LETTER ALI GALI PHA	1897		MONGOLIAN LETTER ALI GALI AH
1893		(initial)	1897		(initial)
1893		(medial)	1897		(medial)
1893		(final)	1897		(final)
1894		MONGOLIAN LETTER ALI GALI SSA	1898		MONGOLIAN LETTER TODO ALI GALI TA
1894		(initial)	1898		(initial)
1894		(medial)	1898		(medial)
1894		(final)	1898		(final)
1895		MONGOLIAN LETTER ALI GALI ZHA	1899		MONGOLIAN LETTER TODO ALI GALI ZHA
1895		(initial)	1899		(initial)
1895		(medial)	1899		(medial)
1895		(final)	1899		(final)
1895			1899		

189A	 MONGOLIAN LETTER MANCHU ALI GALI GHA 189A  (initial) 189A  (medial) 189A  (final)	189E	 MONGOLIAN LETTER MANCHU ALI GALI TTA 189E  (initial) 189E  (medial) 189E  (final)
189B	189A  MONGOLIAN LETTER MANCHU ALI GALI NGA 189B  (initial) 189B  (medial) 189B  (final)	189F	189E  MONGOLIAN LETTER MANCHU ALI GALI DDHA 189F  (initial) 189F  (medial) 189F  (final)
189C	189B  MONGOLIAN LETTER MANCHU ALI GALI CA 189C  (initial) 189C  (medial) 189C  (final)	18A0	189F  MONGOLIAN LETTER MANCHU ALI GALI TA 18A0  1st form (initial) 18A0  2nd form (initial) 18A0 180B  1st form (medial) 18A0  2nd form (medial)
189D	189C  MONGOLIAN LETTER MANCHU ALI GALI JHA 189D  (initial) 189D  (medial) 189D  (final)	18A0 180B	 (final) 18A0

18A1  MONGOLIAN LETTER MANCHU ALI GALI DHA 18A1  1st form (initial) 18A1  2nd form (initial) 18A1 180B  1st form (medial) 18A1  2nd form (medial) 18A1 180B  (final) 18A2  MONGOLIAN LETTER MANCHU ALI GALI SSA 18A2  (initial) 18A2  (medial) 18A2  (final) 18A3  MONGOLIAN LETTER MANCHU ALI GALI CYA 18A3  (initial) 18A3  (medial) 18A3  (final) 18A3	18A4  MONGOLIAN LETTER MANCHU ALI GALI ZHA 18A4  (initial) 18A4  (medial) 18A4  (final) 18A5  MONGOLIAN LETTER MANCHU ALI GALI ZA 18A5  (initial) 18A5  (medial) 18A5  (final) 18A6  MONGOLIAN LETTER ALI GALI HALF U 18A6  (initial) 18A6  (medial) 18A6  (final) 18A7  MONGOLIAN LETTER ALI GALI HALF YA 18A7  (initial) 18A7  (medial) 18A7  (final) 18A7
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18A8  MONGOLIAN LETTER MANCHU ALI
GALI BHA

18A8

 (initial)

18A8

 (medial)

18A8

 (final)

18AA

18AA  MONGOLIAN LETTER MANCHU ALI
GALI LHA

18AA

 (initial)

18AA

 (medial)

18AA

 (final)

18AA