

Here is some psuedo-code for the 4 over-ride cases ...
(Nomenclature follows DS01)

DEALING ONLY WITH OVERRIDE #1 FOR NOW

OverRide #1

U+1822

```
I ← First Medial Form 𐎆
If (Initial_Vowel[A,E,O,U,EE]+I+Mongolian_Letter)
  OR
  (Medial_Vowel[A,E,O,U,EE]+I+Mongolian_Letter)
  OR
  ((Medial_Vowel[OE,UE]+I+Mongolian_Letter)ANDNOT(Medial_Vowel=First_Syllable))
then I ← Fourth Medial Form 𐎆𐎆
If (I+FVS2) /*This is OverRide #1 over-riding normal grammatical rulings – special case of NAIMA*/
  then I ← Third Medial Form 𐎆
```

OverRide #2

U+1828

```
N ← First Medial Form 𐎆
If (Medial_Vowel+I+Mongolian_Vowel)
  then N ← Second Medial Form 𐎆
  If (N+FVS2) /*This is OverRide #2 over-riding normal grammatical rulings special case
of compound names*/
    then N ← Third Medial Form 𐎆
```

OverRide #3

182D Medial G

```
G ← First Medial Form 𐎆
If (Consonant preceding G is not D/S) AND (Vowel following G is 1820/1823/1824/1888)
  then G ← Second Medial Form 𐎆
  If (G+FVS2) /*This is OverRide #3 over-riding normal grammatical rulings */
    then G ← Third Medial Form 𐎆
```

OverRide #4

182D Final G

/* Only considers case X_n +G+(Nothing OR WhiteSpace(MVS and NNBSpace are not white-space)) where n
≤ 20 (n is set somewhat arbitrarily)*/

```
G ← First Final Form 𐎆
If ((X1..n-1 = 1821Initial or Medial or a Ligature containing 1821)
  OR
```

(X_{1..n-1} = 1822 Initial or Medial or a Ligature containing 1822)

OR

(X_{1..n-1} = 1825 Initial or Medial or a Ligature containing 1825)

OR

(X_{1..n-1} = 1826 Initial or Medial or a Ligature containing 1826)

OR

(X_{1..n-1} = 1827 Initial or Medial or a Ligature containing 1827))

then G ← Third Final Form



If (I+FVS1) /*This is OverRide #4 over-riding normal grammatical rulings for special small subset of feminine words using a masculine Final G */

then G ← Second Final Form

