**Here is some psuedo-code for the 4 over-ride cases …**

**(Nomenclature follows DS01)**

**OverRide #1**

U+1822

I ←First Medial Form 

If ((Initial\_Vowel[A,E,O,U,EE]+I+Mongolian\_Letter)

ANDNOT(Initial\_Vowel\_Followed\_By\_FVS1/2/3))

OR

((Medial\_Vowel[A,E,O,U,EE]+I+Mongolian\_Letter)

ANDNOT(Medial\_Vowel\_Followed\_By\_FVS1/2/3))

OR

((Medial\_Vowel[OE,UE]+I+Mongolian\_Letter)

ANDNOT(Medial\_Vowel\_In\_First\_Syllable)

ANDNOT(Medial\_Vowel\_Followed\_By\_FVS1/2/3))

then I ← Fourth Medial Form 

If (I+FVS2) /\*This is OverRide #1 over-riding normal grammatical rulings – special case of NAI+FVS2+MA\*/

then I ← Third Medial Form 

**OverRide #2**

U+1828

N ←First Medial Form 

If ((Initial\_Vowel+N+Mongolian\_Vowel)

ANDNOT(Mongolian\_Vowel\_Followed\_By\_FVS1/2/3))

OR

((Medial\_Vowel+N+Mongolian\_Vowel)

ANDNOT(Mongolian\_Vowel\_Followed\_By\_FVS1/2/3))

then N ← Second Medial Form 

If (N+FVS2) /\*This is OverRide #2 over-riding normal grammatical rulings – special case of AN+FVS2+AR\*/

then N ← Third Medial Form 

**OverRide #3**

182D Medial G

G ←First Medial Form 

If (Consonant preceding G is not D/S) AND (Vowel following G is 1820/1823/1824/1888)

then G ← Second Medial Form 

If (G+FVS2) /\*This is OverRide #3 over-riding normal grammatical rulings \*/

then G ← Third Medial Form 

**OverRide #4**

182D Final G

/\* Only considers case Xn +G+(Nothing OR WhiteSpace(MVS and NNBSP are not white-space)) where n <= 20 (n is set somewhat arbitrarily)\*/

G ←First Final Form 

If ((X1..n-1 = 1821Initial or Medial or a Ligature containing 1821)

 OR

 (X1..n-1 = 1822Initial or Medial or a Ligature containing 1822)

 OR

 (X1..n-1 = 1825Initial or Medial or a Ligature containing 1825)

 OR

 (X1..n-1 = 1826Initial or Medial or a Ligature containing 1826)

 OR

 (X1..n-1 = 1827Initial or Medial or a Ligature containing 1827))

then G ← Third Final Form 

If (I+FVS1) /\*This is OverRide #4 over-riding normal grammatical rulings – SIG+FVS1 \*/

then G ← Second Final Form 