## Mongolian Unicode FVS assignment Basic Principle

1 We select the most Mongolian Unicode Chart U1800.pdf defined form as the default isolate form of the Character.

Do we need to insist the isolated form of the character have to be the Unicode Character listed form ?

U1824 and U1826 is not isolate forms actually.

We are still not understand why NP selected the chart format?

We select the most commonly used initial, medial, final form of the character as the default Variant form (No need FVS1-3).

The variant form listed on the primary school first year pupil's text book comes first, It is the default form of the character

3 To exactly specify the second regularly used variant form, we will use FVS1.

The next regularly used form will come to second (FVS2),

the least regularly used variant form come to the last (FVS3).

If there are 2 or 3 additional variant form,

we can select the one written before consonant form first(use FVS1), and select the form written before vowel comes next(FVS2).

Or we can select the masculine form first(FVS1) and

select the feminine form next(FVS2).

The least regularly used form will be selected as the last (FVS3).

When it is possible to distinguish using the contextual condition like masculine or feminine word condition in the text,

We will ignore the FVS in the text and we only add the FVS when it is written in stand-alone environments.

- When we select the FVS1-3 for one character, the normal form always comes first and the abnormal forms come to next.
- If one character use one of FVS1-3 to display its one variant form in text (isolate, initial, medial, final), it is displayed exactly same form as when it is written in stand-alone environments.
- If one character have only one variant form in the it's isolate, initial, medial, final form, the character+FVS1-3 always display the default variant form.

If one character have two variant form in it's isolate, initial, medial, final form.

The first regularly used one is the default form and the second one use FVS1.

The character+FVS2-3 always display the default variant form.

If one character have three variant form in the it's isolate, initial, medial, final form,

The first regularly used one is the default form and the second one use FVS1.

The third one use FVS2, the character+FVS3 always display the default variant form.

- 7 The Mongolian Variant formatting rule leave the possibilities to linguistic research works. We will be able to display some mistaken format or ancient usage using FVS1-3.
- 8 For display FVS1, FVS2, FVS3 mark, we use ZWJ+FVS1, FVS2, FVS3 (maybe we can select both ZWJ/ZWNJ for this purpose).

  The MVS mark can be displayed in same way.

Do we need this?

Please fell free to comment out on this principle list!

## Traditional Mongolian Variant Form Sheet

			Discussion			Toolo4	e Form			Initial	Form			Mad	al Form		l	Pine!	Form	
МО	Name	Latin Name	Points	UNICODE	default	FVS1		FVS3	default		FVS2	FVS3	default	FVS1	FVS2	FVS3	default	FVS1	FVS2	FVS3
1	9	Birga		U1800	9	9	6	99	v v	3	6	>99	v v	9	6	>99	√9	3	6	>99
		Birga+ZWJ		U1800	-333				<i>&gt;</i> 333				<i>&gt;</i> 333				<i>&gt;</i> 333			
2	:	Cllipsis		U1801	-i-				:				i				:			
3	:	Comma		U1802	i															
5	:	Fullstop Colon		U1803 U1804	:				:				:				:			
6	*	Fourdot		U1805	*				*				*				*			
7		Nirugu		U180A																
8	FVS1	FVS1		U180B																
9	FVS2	FVS2		U180C																
10	FVS3	FVS3		U180D																
11	MVS	MVS		U180E																
12	0	Zero		U1810	0				0				0				0			
13	0 0	One Two		U1811 U1812	0 2				0 2				0 2				0 0			
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16	0	Four		U1814	2 0				0				2 0				2 0			
17	s,	Five		U1815	Ŋ				ų.				ď				ď			
18	6	Six		U1816	9				9				9				9			
19	0	Seven		U1817	ก				0				0				0			_
20	7	Eight		U1818	4				6				4				4			
21	0	Nine	F+FVS1 (need select ?)	U1819	_°	_ـ ا			۔ ہـ –	L			0				0			
22	ぇ	Α	F~FVS2 (need add)	U1820		J			<u>ਜੇ</u>	<b>-</b>			1	1			~	<u> </u>		
23	J	Е	F+FVS1 (need select ?) F~FVS2 (need add)	U1821	7				<b>→</b>	4			1				~	J	٦	
24	ゟ	1	IS+FVS1 (need add) M+FVS2 (need exchange) M+FVS3 (need delete)	U1822	ゟ	2			न	1			1	7	7		2			
25	a'	0	NP M+FVS2 is same with Default	U1823	व				व				q	4			ற	a		
26	व	U	ISOLATE (need reselect ?) IS+FVS1 (need add)	U1824	वं	Ф			वं	q			q	4			Ф	a		
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27	बु	OE		U1825	वे,				त्र				q	Я	9		Ф	g		
28	ब्र	UE	ISOLATE (need reselect ?) IS+FVS1 (need exchange ?) IS+FVS2 (need add)	U1826	व	க்	Ф		त्र	q			q	Я	4		თ	g		
	ब्र भ	UE+UE	Need to exactly define Contextual Ligature ?	U1826+ U1826+	В,															
29	才	EE		U1827	才	0			त	,			<b>1</b>				1			
30	٠.	N	M+FVS3 (need add ?) M+FVS2 (is Skipped ?)	U1828	, ,				٠	7			1	٠-1		٠-۱	<b>~</b>	.~		
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34	<b>ኅ</b>	Q	IS+FVS1, IS+FVS2, IS+FVS3 M+FVS1, M+FVS2, M+FVS3 F+FVS1, F+FVS2 (Need rearrage the sequence?)	U182C	\$	*\$	2	S.	<b>A</b>	<b>"</b>	2	ŝ	1	:व	0	S.	2	泛	J	
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## **Traditinal Mongolian Unicode FVS Assignment Discussion Details**

U+1800	birga	Need to define four display form of the character
U+1801	ellipsis	only one form exist
U+1802	comma	only one form exist
U+1803	fullstop	only one form exist
U+1804	colon	only one form exist
U+1805	fourdot	only one form exist
U+1806	todo soft hyphen	only one form exist
U+1807	sybe syllable boundary	only one form exist
U+1808	manchu comma	only one form exist
U+1809	manchu fullstop	only one form exist
U+180A	nirugu	only one form exist
U+180B	FVS1	need to define how to print out this mark.
U+180C	FVS2	need to define how to print out this mark.
U+180D	FVS3	need to define how to print out this mark.
U+180E	MVS	need to define how to print out this mark.
U+180F	IVI V S	N/A
U+1810	zero	only one form exist
U+1811	one	only one form exist
U+1812	two	only one form exist
U+1813	three	only one form exist
U+1814	four	only one form exist
U+1815	five	only one form exist
U+1816	six	only one form exist
U+1817	seven	only one form exist
U+1818	eight	only one form exist
U+1819	nine	only one form exist
U+181A		N/Á
U+181B		N/A
U+181C		N/A
U+181D		N/A
U+181E		N/A
U+181F		N/A
U+1820	A	We request add one F+FVS2, That is not separated final form.
U+1821	E	We request add one F+FVS2, That is not separated final form.
U+1822		We request add one IS+FVS1, Actually, we have this isolate from New Proposal listed M+FVS2 as same with default form. We do not need to show same glyph two assigments We move the display form to M+FVS2 We can free M+FVS3 as NONE.
U+1823	0	
U+1824	U	We reuest another one variant for Isolate, and one for Initial  For Isolate  For Initial, I+FVS1  Current default isoate form is not actuall isolate form of the character We need to define which is the default form?  If it is allowed to show the isolate form same with the U+1823  We would like to use it as the default form. In that case,  IS+FVS1  Otherwise, we will use  as the default form and,  IS+FVS1  As like as New Proposal listed.
		Need to define U1824+U1824 special contextual glyph selection rule.

U+1825	OE	
U+1826	UE	
5520		We reuest another one variant for Isolate, and one for Initial  For Isolate  For Initial, I+FVS1  Current default isoate form is not actuall isolate form of the character  We need to define which is the default form?  If it is allowed to show the isolate form same with the U+1825  We would like to use it as the default form. In that case,  IS+FVS1  IS+FVS2  Otherwise, we will use  IS+FVS1  IS+FVS3  As like as New Proposal listed.  Need to define U1826+U1826 special contextual glyph selection rule.
U+1827	EE	
U+1828	NA	Do we need M+FVS3 form for U1828 ? It is skipped the M+FVS2 defination actually.
U+1829	ANG	
U+182A	BA	We need to define the B+A, B+E, B+I, B+O, B+U, B+OE, B+UE, B+EE, B+OE+FVS1, B+UE+FVS1 Ligature selection, other Ligature selection can be decided by Font Designer.
U+182B	PA	We need to define the P+A, P+E, P+I, P+O, P+U, P+OE, P+UE, P+EE, P+OE+FVS1, P+UE+FVS1 Ligature selection, other Ligature selection can be decided by Font Designer.
U+182C	QA	We need to re-order the FVS1-3 selection. Isolate, Intial, Medial all select as following Default - masculine form of QA without two dot. FVS1 - masculine form of QA with two dot. FVS2 - feminine form of QA without two dot FVS3 - feminine form of QA with two dot Final Form select Default - masculine final form of QA without two dot. FVS1 - masculine final form of QA with two dot. FVS2 - feminine final form of QA.  We need to define the Q+E, Q+I, Q+OE, Q+UE, Q+EE, Q+OE+FVS1, Q+UE+FVS1, Q+FVS1+E, Q+FVS1+I, Q+FVS1+OE, Q+FVS1+UE, Q+FVS1+EE, Q+FVS1+OE+FVS1, Q+FVS1+UE+FVS1 Ligature selection, other Ligature selection can be decided by Font Designer.

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U+182D	GA	We need to re-order the FVS1-3 selection.
		Isolate, Intial, Medial all select as following
		Default - masculine form of GA without two dot.
		FVS1 - masculine form of GA with two dot.
		FVS2 - feminine form of GA without two dot
		FVS3 - feminine form of GA with two dot
		Final Form select
		Default - masculine final form of GA without two dot.
		FVS1 - masculine final form of GA with two dot.
		FVS2 - feminine final form of GA
		1 7 02 Tollimino inical form of 571
		We need to define the G+E, G+I, G+OE, G+UE, G+EE,
		G+OE+FVS1, G+UE+FVS1,
		G+FVS3+E, G+FVS3+I, G+FVS3+OE, G+FVS3+UE,
		Q+FVS3+EE, Q+FVS3+OE+FVS1, Q+FVS3+UE+FVS1
		Ligature selection, other Ligature selection can be decided by
		Font Designer.
U+182E	MA	
U+182F	LA	
U+1830	SA	
U+1831	SHA	
U+1832	TA	We need another one Isolate form
3 1 1002	1/1	we need another one isolate form
11,4000	D^	
U+1833	DA	
U+1834	CHA	
U+1835	JA	
U+1836	YA	We strongly request to exchange the sequence of
		the default medial form of the U1836 and the M+FVS1 form
		In the New Proposal
		We can not accept this mapping sequence!
		Tro dan not addopt and mapping doquence :
U+1837	RA	
U+1838	WA	We strongly request to exchange the sequence of
UT 1030	VV/\	the default medial form of the U1838 and the M+FVS1 form
		In the New Proposal
		We can not accept this mapping sequence!
	<del> </del>	
U+1839	FA	We need to define the F+A, F+E, F+I, F+O, F+U, F+OE,
		F+UE, F+EE, F+OE+FVS1, F+UE+FVS1
		Ligature selection, other Ligature selection can be decided by
		Font Designer.
U+183A	KA	We need to define the K+A, K+E, K+I, K+O, K+U, K+OE,
		K+UE, K+EE, K+OE+FVS1, K+UE+FVS1
		Ligature selection, other Ligature selection can be decided by
		Font Designer.
		<u> </u>
U+183B	KHA	We need to define the KH+A, KH+E, KH+I, KH+O, KH+U, KH+OE,
	13077	KH+UE, KH+EE, KH+OE+FVS1, KH+UE+FVS1
		Ligature selection, other Ligature selection can be decided by
		Font Designer.
11,1920	TSA	
U+183C		
U+183D	ZA	
U+183E	HAA	
U+183F	ZRA	
U+1840	LHA	
U+1841	ZHI	
U+1842	CHI	
I		