

PROPOSED MODIFICATIONS

TO DELETE AND ADD SIGNS to N2798 = L2/04-189 Proposal for Cuneiform Encoding.
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The additional signs proposed to be added here complete the major portion of common signs needed to satisfy the evidence concerning what are the functional independent units of the script. Choices of units to encode are not purely arbitrary, because they have consequences for complexity vs. simplicity of many aspects of implementation. The evidence for single-sign status comes (a) from actual cuneiform texts, the primary criterion, and (b) from the long scholarly tradition of sign lists. These two sources are in full agreement in almost all cases, primarily because the scholarly tradition of sign lists depends on the experts' implicit knowledge of usage in actual texts, and has had 150 years for rough spots to be ironed out.

What the standard tradition recognizes as single signs are almost without exception written closely together, while what the standard tradition recognizes as sequences of signs are written with considerable space between them when such space is available (in lines or indents with few signs, or more accurately, where the total of sign widths is less than the total space). This regularity persists from Early Dynastic through late Cuneiform. It is true of widely differing types of text, whether on stone or clay, whether "literary" or economic / administrative. I have reported on this fact with extensive examples. There has been no counter-argument. (An assertion was made in the past that there is no such thing as "careful" Cuneiform typography, even that the Gudea statues and Hammurabi's code, both carved on stone instead of clay, were not careful. The assertion was clearly false. Scholars recognize scribal errors vs. careful writing. A statement was made that there will be few or no continuous texts produced in Cuneiform. Yet the Finnish project has now printed three epics of Gilgamesh, Etana, and Anzu in Cuneiform, with very clear, even exaggerated spacing between signs and at least in general none within signs. This constitutes a "legacy" treatment consistent both with the long scholarly tradition and to a great degree also with the ancient practice in spacing Cuneiform texts.

It is known in sociolinguistics that meta-discussion about symbol use is far less consistent, far less reliable, and far less valid, than is unconscious use. While writing is on average less automatic than speaking, it is also more consistent when automatic than when consciously manipulated. Names of signs are much more meta-texts than they are like normal texts, and are accordingly not as good evidence (consider the AL SHESHIG which Steve Tinney notes is found named in a sign list as AL SHE).

With each proposed set of additions (one deletion) appear illustrations of the signs, in Neo-Assyrian font style or in the "classical" font style. At the end there are tables showing the high agreement among the various sign lists from the scholarly tradition.

Failures to provide an encoded character for independent functioning units of the script causes much default behavior of the characters to go awry.

- (a) Spacing will be screwy, where it could be straightforward, extra space appearing between full signs, not between components of signs (of course understood: where there is room)
- (b) It causes violations of the unification desired across time periods. Components of signs change historically in different ways than do the identical-appearing components functioning as independent signs. It is on the level of signs not components that equations are best drawn across time periods. UMBIN (which has now been accepted for encoding) maintains its identity as a sign across substantial time periods. But it does not maintain the identity of its component structure, that is reanalyzed and changes radically.
- (c) Minimal contrasts will be violated if, even in texts with adequate spacing, there is no difference between SIGN U GUD SIGN and SIGN UL SIGN. The sign UL consists of two components U plus GUD, it is not a sequence of two signs. Just as one example. Or the example which Piotr Steinkeller discussed where spacing was used by experts to decide which of two distinct content readings was correct for a given passage (PA.DISH vs. GUR).
- (d) Creation of fonts will entail substantial additional work if many of the signs have to be made up of parts with context-sensitive renderings [SIGN joined to SIGN] yielding another sign with a single and often irregular glyph. It is much simpler to encode what are known to be single signs from the outset.
- (e) Searches for particular lexical content will be considerably more complex if signs are unnaturally decomposed, in particular if some of the signs proposed for addition here are decomposed, the only way to encode them without these signs. Users will normally not want to request a search for the sequence SIGN-1 SIGN-2 U and have the result contain also all sequences SIGN-1 SIGN-2 UL [where UL looks a bit like, but not exactly like, U-joined to GUD]. There are similar oddities in quite a number of cases. Most of them cannot be remembered by users as such a simple pattern as this one.
- (f) There will no doubt be other hacks and kludges and patches necessitated by an encoding which is partly of individual signs, partly of sign components. Only a full and detailed study of implementation might let us know of most such problems. Even then, it is safer to simplify. Just as the working group decided early not to have dynamic composition of parts for larger numbers of signs of the type Container x Infix components, so the compositions required by the current proposal are just as disadvantageous. Let's clean this up from the start.

Following are a relatively small number of single signs not yet provided for, whose addition will clean up most of the common instances which would cause problems.

Proposal 1.

12115 GISH TUG2 PI SHIR TENU SILA3 :: remove

after 122D7 CUNEIFORM SIGN SHIR :: add CUNEIFORM SIGN SHIR TENU

Comments. (a) Steve Tinney Agrees. He notes that <<Borger lists sequences SHIR-tenu SILA3 and GISH TUG PI SHIR2 TENU which support the necessity of this change.>>

(b) Such long sequences are almost certainly never single signs, even if we do not yet know the immediate constituency (how structurally to break them into parts which are functional constituents of their total sequence). They will therefore almost certainly end up deprecated, and it is better to eliminate them before they get into any standard.

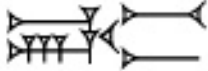


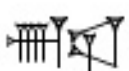
Proposal 2.

Before 12058 CUNEIFORM SIGN DAG KISIM5 TIMES A PLUS MASH ::

Add CUNEIFORM SIGN DAG KISIM5

Before 12267 CUNEIFORM SIGN NUN LAGAR TIMES GAR ::

Add CUNEIFORM SIGN NUN LAGAR

		UTUA2	DAG KISIM5	B 439	U00000
		TUR3	NUN LAGAR	B 145	U00000

Comments: (a) Since DAG KISIM5 (also called UTUA2) exists as a unit into which other components can be infix, as in 12058ff, and since NUN LAGAR (= TUR3) exists as a unit into which other components can be infix, as in 12267ff, as standard linguistic deduction on the constituent structure of symbol strings indeed demonstrates, therefore these two combinations of components are presumptively functioning units even when there is no infix. This is not inconsistent with general principle 3.4. (c) Although the signs of the group (DAG KISIM5) x infixes are in part artificial, in vocabularies only, the sign TUR3 exists all the way through the time periods starting from archaic Uruk. Just as the sign UMBIN discussed in a paper for the previous UTC, the early form of TUR3 clearly has the two components superfixed, not in sequence. Its early form is NUN x LAGAR, later NUN LAGAR (components adjacent, even touching, not overlapping), but the identity as single sign persists throughout.

Here and in what follows, single-morpheme names (UTUA2 and TUR3) are given alongside the names which refer to **components** of signs, rather than sequences of signs. (Signs proposed here for addition could also be ordered differently, or not, if the single-morpheme names are used.) At least most of the DIRI list is quite likely a naming of sign **components**, of single signs with particular readings, not a naming of sign sequences which have special idiomatic readings. Dr. Wolfgang Heimpel has confirmed that this interpretation is quite plausible.

Proposal 3.

After 122DC CUNEIFORM SIGN SHU2 :: add the following sequence of signs (illustrations and sign numbers from Borger MZL, further sign lists at end of proposal). Although the use of "TIMES" implying infix or overlap may seem surprising to many cuneiformists here, at least two early Uruk forms clearly have the vault of the night sky (origin of SHU2) surrounding the AN or the E2. The "roof" radical of Chinese characters also behaves structurally just like other radicals which surround enclosed parts. These could also be named SHU2 AN (etc.) or EN2 (etc.)







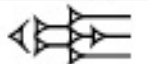

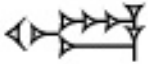
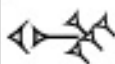
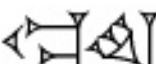
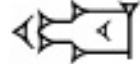
CUNEIFORM SIGN SHU2 TIMES AN
 CUNEIFORM SIGN SHU2 TIMES AN THREE TIMES
 CUNEIFORM SIGN SHU2 TIMES ASH2
 CUNEIFORM SIGN SHU2 TIMES DUN2
 CUNEIFORM SIGN SHU2 TIMES ESH
 CUNEIFORM SIGN SHU2 TIMES NE
 CUNEIFORM SIGN SHU2 TIMES UR SHESHIG

			EN2	SHU2 x AN	B870	U00000
			SHUHUB, KUNGA	SHU2 x MUL	B872	U00000
			GIBL2; KIBIR	SHU2 + ASH2	B875	U00000
			SHUDUN	SHU2 x DUN4	B876	U00000
			LIL3	SHU2 x ESH	B879	U00000
			LIL5	SHU2 x NE	B874	U00000
				SHU2 x UR-sheshig	B880	U00000

CUNEIFORM SIGN SHU4 TIMES BURU14
 CUNEIFORM SIGN SHU4 TIMES DIM
 CUNEIFORM SIGN SHU4 TIMES DIM TIMES KUR
 CUNEIFORM SIGN SHU4 TIMES E2
 CUNEIFORM SIGN SHU4 TIMES GA
 CUNEIFORM SIGN SHU4 TIMES GAN
 CUNEIFORM SIGN SHU4 TIMES GAR
 CUNEIFORM SIGN SHU4 TIMES ITI
 CUNEIFORM SIGN SHU4 TIMES MU
 CUNEIFORM SIGN SHU4 TIMES SI GUNU
 CUNEIFORM SIGN SHU4 TIMES URUDU

After 12055 CUNEIFORM SIGN BUR2 ::

Add CUNEIFORM SIGN BURU14

				BURU14	B 165	U00000
			SHIBIR	SHU4 x BURU14	B 666	U00000
			GAKKUL3	SHU4 x DIM	B 667	U00000
			GAKKUL	(SHU4 x DIM) x KUR	B 668	U00000
			SHITA4	SHU4 x E2 early	B 699	U00000
			UTU2	SHU4 x GA	B 700	U00000
			SHAGAN	SHU4 x GAN	B 684	U00000
			PAD (ŠUG)	SHU4 x GAR	B 746	U1227E
				SHU4 x ITI	B 664	U00000
			UDUN	SHU4 x MU	B 665	U00000
				SHU4 x (SI gunu)	B 670	U00000
			GUL	SHU4 x URUDU or DUB ?	B 682	U00000

Comments: (a) These are all assigned sign numbers by Borger MZL and for about half of them also by most of the other sign lists across all time periods where the sign occurs in the lists. The verdict of the tradition is thus unanimous, so far as I am aware. Borger almost always distinguishes very carefully between sequences of signs (not assigned numbers. For IGI see MZL pp.187-8) and single signs (assigned numbers, MZL pp.189-190), showing different spacing in the two cases. Images of Borger's entries on MZL pp.188-189 are at the end of this paper. Though there may be some influence from prior tradition, the prior tradition is itself under the long-term persistent influence of actual text usage.

(b) Where attested in actual texts (the probative type of evidence), the portion SHU2 or SHU4 is never separated from the remaining wedges of the sign, not across "indents" (lines) within a "line" (frame), and not when additional space is used in the cuneiform form of justification or expanded text. (Not probative of single-sign status is meta-discussion of signs such as the naming of sign components. As noted earlier, in sociolinguistics it is known that normal usage is consistent, reliable, and valid while meta-discussions, on a more conscious level, are not. There is absolutely no reason to believe that this difference does not hold for cuneiform. Even if writing is not on average as fully unconscious as speaking, it can often be automatic.)

Proposal 4.

After 12254 CUNEIFORM SIGN NIM TIMES GAR PLUS GAN2 TENU ::

Add CUNEIFORM SIGN NIN

Or else name and order as CUNEIFORM SIGN SAL TUG2 shown below.

After 122AD CUNEIFORM SIGN SAL ::

Add the following signs

CUNEIFORM SIGN SAL KUR

After 122AE CUNEIFORM SIGN SAL LAGAB TIMES ASH2 ::

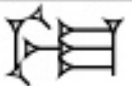





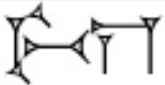

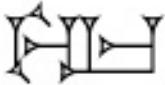
Add the following signs

CUNEIFORM SIGN SAL LAGAR (see comment (b) below)

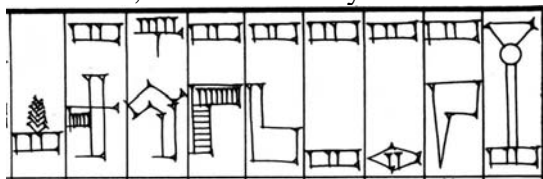
CUNEIFORM SIGN SAL SHE3

CUNEIFORM SIGN SAL TUG2

CUNEIFORM SIGN SAL UR (see comment (b) below)

			NIN	SAL x TUG2 or SAL x KU	B886, B887	U00000
			GEME2	SAL x KUR	B890	U00000
				SAL x LAGAR	B895	U00000
			EGE2	SAL x SHE3 or SAL x NAM2	B897	U00000
			NIG	SAL x UR	B898	U00000

Comments: (a) Borger MZL and sign lists for Fara, sometimes Ur III and Rosengarten, assign a single number to these signs, with the exception (b) that two signs are not attested in earlier stages. (c) Text spacing shows the sign NIN is a single sign already in archaic Uruk (zero exceptions found in extensive searches). Plate No.1 in Biggs **Abu Salabikh** (the time period of Fara) contrasts single-sign forms in the frames 1 and 9 below, either stretching the sign or leaving blank space, completely different spacing from the free combinations of separate signs in frames 2 to 8. (d) Using the sign name NIN avoids having to determine its second component after SAL, where there may still be room to discover the true original components (etymology).



Proposal 5.

After 12149 CUNEIFORM SIGN IGI ::

- Add the following signs
- CUNEIFORM SIGN IGI DUB
- CUNEIFORM SIGN IGI E2
- CUNEIFORM SIGN IGI ERIM
- CUNEIFORM SIGN IGI MIN (see comment (b) below)
- CUNEIFORM SIGN IGI NI
- CUNEIFORM SIGN IGI RU
- CUNEIFORM SIGN IGI SHE3
- CUNEIFORM SIGN IGI UR
- CUNEIFORM SIGN IGI UR TIMES KASKAL (see comment (b) below)

			AGRIG; GISKIM	IGI x DUB or IGI x UM	B727 (v{2})	U00000
			U6	IGI x E2	B728	U00000
			SIG5	IGI x ERIM	B729	U00000
				IGI x MIN or IGI + MIN	B724a	U00000
			IGI.NIG2	IGI x NI	B735, B730	U00000
			PAD3	IGI x RU	B725	U00000
				IGI x SHE3 ?	B732	U00000
			HUL	IGI x UR	B733	U00000
			HUL4	IGI x (UR x KASKAL)	B734	U00000

Comments: (a) Borger MZL and sign lists since Fara assign a single number to these signs, with the exception (b) that IGI MIN and IGI UR TIMES KASKAL are not listed in Fara, and IGI E2 is not listed in Rosenberg (Lagash) or in Schneider (Ur III). At least I have not yet managed to find them there. (c) Text spacing shows that the sign IGI RU (PAD3) is treated as a single sign (extensive text searches, overwhelming practice). (d) Given a Borger MZL reference somewhere to the duals of body parts, presumably like the assumed ligature here with MIN "two", the semantic specialization may mean that this "ligature" turns out to be always obligatory, never written in sequence, and is thus not a ligature but simply an irregular form like our ampersand "&" or like an irregular verb form "went" instead of "goed". A separate sign to be encoded. I don't know the answer to this question yet, I hope it is in other chapters of Borger MZL.

Concordance to Sign Numberings for Signs Proposed Here as Additions

Tables show where I have been able to identify each sign in traditional numbered sign lists. Since the universal practice has been to assign a number to those forms regarded as single signs, not to sign sequences or to mere components (fragments) of signs, these numbered lists can be taken as a default list of distinctive signs. Of course there are differences between different scholars, but those differences mostly concern the rarer signs or sign sequences, whichever they turn out to be. The omission of a sign from one list may also reflect lack of use in a particular scribal tradition, it need not say anything about the scholar's belief whether the form is a single sign or a sequence. Study of actual texts is real evidence which confirms the sign lists. In tables below, the sign names are not regularized, and group labels in larger print can be disregarded.

Borger's MZL list is especially extensive. Since he is also careful to distinguish between sign sequences (those with IGI as first sign see pp.187-188) and single signs (those with IGI as first component see pp.189-190), the MZL list is surely one of the most valuable.

Hittite Friedrich	Rüster & Neu	von Soden	en	Labat	Bor ger	Borger MZL	Unicode N2698	Labat readings	Sign Name	Ros.Rép .Lagash	Ur III KWU	Fara (LAK)	Ur Exc. Texts UETII Arch.	PI JN	ATU I	Z. freq.	ZA TU
68	34	63	a	87	a	B145	U00000	tw3	TUR3	R186	131	77, 78	60	30	239	46x	Z563
	278 in this			281		B439	U00000		UTUA2								

Hittite Friedrich	Rüster & Neu	von Soden	en	Labat	Bor ger	Borger MZL	Unicode N2698	Labat readings	Sign Name	Ros.Rép .Lagash	Ur III KWU	Fara (LAK)	Ur Exc. Texts UETII Arch.	PI JN	ATU I	Z. freq.	ZA TU
Covers; The Vault of the Night Sky																	
232	295	273		469	469	B746	U1227E	pad {šug}	PAD {ŠUG}	R171		398	180		457	18x	Z426
217	275	258		441	441	B698	U1230F	ul	UL	R012	502	(? 299) 300	221				
210	271	249		429	429	B682	U00000	gul	GUL	R279	546	389	172	226	[455]	1x+atu	Z242
(cf.)	207	266		430	430	B683	U00000		GIR4	R015	545	414	181				
				442	442	B699	U00000		ŠITA4			397	(2230) 170	297		4x	Z535
216	270			428	428	B684	U00000		ŠAGAN	R016	547	407					
				447		B706	U00000		NIGIN4		511	401			206	ATU	Z537
				419	419	B671	U00000		SAGŠU		513	316	179				
213	272	243		412	412	B663	U00000	muh	UGU	R013	514	413					
206	263			418	418	B670	U00000		U.GUN		334	179					
				443	443	B700	U00000		UTU2			412					
212	274			54	54	B165	U00000	—	BURU14			531					
				413	?	413	B666	U00000	ŠIBIR								
				415	a		B667	U00000	GAKKUL3								
				416		416	B668	U00000	GAKKUL								
				448		B710	U00000		KUŠU		504 ??						
				414		B664	U00000										
sub. 205	264			415	415	B665	U00000		UDUN								

Hittite Friedrich	Rüster & Neu	von Soden	en	Labat	Borger MZL	Unicode N2698	Labat readings	Sign Name	Ros.Rép .Lagash	Ur III KWU	Fara (LAK)	Ur Exc. Texts UETII Arch.	PI JN ATU I Z. freq.	ZA TU
Covers; The Vault of the Night Sky														
				546	546 B870	U00000	EN2	SHU2 x AN		510	356		180	4x+atu Z138
				547	547 B872	U00000	ŠUHUB, KUNGA	SHU2 x AN THREE TIMES						
24				549	549 B876	U00000	ŠUDUN	SHU2 x DUN4		503	409			
88				553 a	B880	U00000	ŠU2 x UR- šēššig	SHU2 x UR- sheshshig		570				
				548	548 B875	U00000	GIBIL2; KIBIR	SHU2 + ASH2						
				553	B879	U00000	LIL3	SHU2 x ESH						
				552	B874	U00000	LIL5	SHU2 x NE						

Hittite Friedrich	Rüster & Neu	von Soden	en	Labat	Borger MZL	Unicode N2698	Labat readings	Sign Name	Ros.Rép .Lagash	Ur III KWU	Fara (LAK)	Ur Exc. Texts UETII Arch.	PI JN ATU I Z. freq.	ZA TU
Female SAL = MUNUS														
240	299	300		556	B886, B887	U00000	nin	NIN	SAL TUG2 or SAL KU	R190	795a, 796, 787	522	401 305	11x Z400
243	305	303		558	558 B890	U00000	amat	GEME2	SAL x KUR	R173	793	49	398 303	13x Z201
239	298	301		557	557 B889	U12070	dam	DAM	DAM	R191	799	523, 46a	291 ?	
241	300	299		555 a	555 B884	U12371	šv(m)	ZUM & ZUM2	SAL x 'omb'	R175	788, 791, 790	519		
				555 b	B885	U122AF	zum	ZUM	SAL x (LAGAB x ASH2 (<'omb'))		791	524		
				555 b	****	U00000	zum	ZUM	SAL x			520		
		305		563	563 B898	U00000	nig	NIG	SAL+UR			521		
				556 v	B897	U00000		EGE2	SAL x SHE3 or SAL x NAME2					
				554 v 1	****	U00000			SAL x KAB or SAL x HUB2					
				554 v 2	****	U00000			SAL x ME	R154	791a			
				554 v 3	****	U00000			SAL x TUK					

Hittite Friedrich	Rüster & Neu	von Soden	en	Labat	Borger MZL	Unicode N2698	Labat readings	Sign Name	Ros.Rép .Lagash	Ur III KWU	Fara (LAK)	Ur Exc. Texts UETII Arch.	PI JN ATU I Z. freq.	ZA TU
IGI														
		261 a		449 n	B724a	U00000		IGI + MIN						
208	265	264		455	455 B731	U12149	u3	U3	IGI x DIB	R070	568	432, 433		
226	289	263		451	(n) 451 B726 (v)	U1214A	ar	AR	IGI RI	R073	557	422		
292	262			450	450 B725	U00000	pa3	PAD3	IGI RU	R074	558	423	243	
228	290	265		456	456 B733	U00000	hul	HUL	IGI UR	R071	565	428		
227	291			452	(v1 (n) 452 (v2))	U00000		AGRIG; GSKIM	IGI x DUB or IGI x UM	R072	563	427		
225	293			454	454 B729	U00000		SIG5	IGI ERIM		559-60	424		
				449	B735, B730	U00000		IGI NIG2	IGI x NI	R068	561	435		
				455	B732	U00000			IGI SHE3 ?		? 562, 567	426	244	
									IGI TUG2			434		
				449	2	B728	U00000	U6	IGI + E2			429		
				456 a	B734	U00000		HUL4	IGI (UR x KASKAL)		566			

Here is how Borger's MZL distinguishes sign sequences in which IGI is the first full sign (p.188) from complex signs having IGI as leftmost component, where IGI is not a full sign (p.189). The scholarly tradition is systematic about this. The distinction needs to be made somehow, as it occurs in texts, not just in sign lists. It is not a matter of ligaturing or other formatting (formatting should not be making distinctions between significantly different text content). To merge these is very much like treating "bold" and "loolol" and "boolol" and "loold" as the same sequence of characters, except for formatting. We would not dream of encoding Latin English in such a way.

188

Vokabulare: Diri II 1 (nicht uḫḫur).

𒀭 𒀭

Vokabulare: MSL 1 Dirinippur 143, cf C Dirinippur 159f. (SAL II 9 161f. (SAL II 9 151f., (JAOS 65 225 51-53; dálla, šukur, ubrim); I GAG = ḫe-bu-ru-um

𒀭 𒀭

Diri II 112 (SAL II

𒀭 𒀭 sie

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Vokabulare: Diri II CAD D 91, CAD E 30 Lw. gānzi(er).

𒀭 𒀭

Vokabulare: Diri II E 308b, CAD G 43b, K 8631 Vs.; Lw. gan

𒀭 𒀭

Vokabulare: Proto-I Thureau-D., Syllabai lim); Diri II 75-78 (S. 180b) mit Lw. (lib₄-li AHw 858b sub 8 c, C Dirinippur 120f. cf C IGI = lilib auch BiOr

𒀭 𒀭

Vokabulare: Diri II 195b, CAD I/J 82a, / CAD I/J 82a, aber vc pallil_x = pálil). Oder streichen (gehört zu

𒀭 𒀭

Cf CAD M/II 147b

𒀭 𒀭

Vokabulare: Diri II (nicht uḫḫur).

𒀭 𒀭 siehe

𒀭 𒀭

Vokabular: Diri II auch VS 24 n8 6; Lv ūdu). Cf Farber, WC

725 𒀭 𒀭

Fossey p876f. Rose Vokabulare: Proto-MSL 12 134 164 (Lw nicht in Vokabularen

726 𒀭 𒀭, 𒀭

Fossey p877-880. S Vokabulare: MSL 3 (Lw. abgebrochen).

727 𒀭 𒀭, au — ŠL 452

Fossey p881. Rosen Vokabulare: S^b I 35 Lw. giškim o.ä.) und 304b, AHw 1368a); I 62b), Lw. agrig; MSL fehlerhaft statt giš/ski

728 𒀭 𒀭

Fossey p881. Vokabulare: S^b I 35 CAD B 81a und 115b tragen], CAD N/II 12 (Lw. u₆); MSL 17 49

ŠL 453 𒀭 𒀭

Fossey p882 n2902(n29022f. siehe CAD I Küchler, Medizin tX CAD Š/III 84a) vorge

729 𒀭 𒀭

Fossey p882f. Schn Cf Krecher, MARI Vokabulare: Proto-E 356 (Lw. sag₁₀); MSL abgebrochen); MSL 1

730 𒀭 𒀭, alt 𒀭

454,12 bzw. 449,244 Fossey p892. Rosen Cf Powell, OrNS 43 Vokabulare: Proto-E 78 4' (Lw. kur₇); MSI ["kúrum" wäre kurum (Lw. kur₇); MSL 17 2

731 𒀭 𒀭

RÉC n247 und 248. n264. HethZL n265.