

Proposal to encode Proto-Elamite in Unicode

Anshuman Pandey

pandey@umich.edu
pandey.github.io/unicode

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1 Introduction

This is a proposal to encode the Proto-Elamite script in Unicode. It supersedes the following document:

- L2/20-192: “Preliminary proposal to encode Proto-Elamite in Unicode”

Major updates to the previous proposal include:

- Detailed tabulation of Proto-Elamite signs from various CDLI sources
- Descriptions of additional signs to be added to the tentative Unicode repertoire
- Expanded details about ‘hapax’ signs (see § 5.6)
- Summary of signs with possible alternate forms (see § 8.9)
- Inclusion of two fragmentary signs that were previously excluded:  M4-x and  M136 + Mxxx
- Usage of a TrueType font instead of EPS images for representing signs
- Inclusion of Unicode character and linebreaking properties (see § 7)
- Enumeration of several questions for experts regarding the repertoire (see § 3)

2 Approach to the Encoding

Proto-Elamite is one of the oldest attested writing systems in the world. The signs are well documented, but the writing system has not yet been completely deciphered. However, there are ongoing attempts to decipher it. Sign lists have been refined over time, and several signs that were separately enumerated in early sign lists have been merged. The working sign list maintained by the Cuneiform Digital Library Initiative (CDLI) is stable and is based on intensive analysis of signs that occur in all extant tablets. But, understandably, there is no known ‘standard’ for Proto-Elamite, although there may have been one that governed usage of the system five thousand years ago in Elam.

Scholars continue to study Proto-Elamite and offer new publications that enhance our knowledge of it. Proto-Elamite signs are represented in these publications using catalogue identifiers, as is the typical convention for other ancient and undeciphered writing systems. This convention is born from practicality: it is far easier to refer to an alphanumeric identifier than to refer to images of signs, whose reproduction may be imprecise and dependent entirely upon technical resources. In the past few decades, in-line images of signs have been used in the scholarly literature to supplement sign names. The CDLI has made available high-quality images of more than 1,600 Proto-Elamite signs, which are used in digital reproductions of sources. Current scholars of Proto-Elamite have expressed an interest in advancing such representations of the script in digital publications and reproductions of textual records. Laura Hawkins, one of the foremost experts of Proto-Elamite today, states that the “form of the signs is very relevant to our understanding of the semantics of the sign, so it would be extremely useful to refer to individual signs and strings of signs in-line in texts” (personal correspondence, August 2020).

The first step in this process of making signs available for use in plain text is to include Proto-Elamite in the Unicode standard. But, there are two schools of thought regarding the encoding of undeciphered scripts, such as Proto-Elamite, in Unicode:

- Keep waiting until the writing system is fully deciphered, if ever, then include in Unicode
- Encode the attested repertoire of signs, so that the script as known today can be used digitally

Of the above, the second point is most practical and sensible, and meets the immediate needs of modern users of Proto-Elamite. To meet that goal, I have developed a tentative Unicode repertoire for Proto-Elamite with the following characteristics:

- The core repertoire consists of the 1636 unique signs introduced in L2/20-192, for which CDLI images are available. For Unicode, it is essential to have representative or normalized glyphs for distinctive characters in addition to unique character names
- Potential extension of the core repertoire with nearly 350 additional distinctive signs, which are referenced in other CDLI resources, namely the transliterations of the extant corpus. I do not know if images exist of these signs.
- Usage of the CDLI sign name for the Unicode characters, with the intent of maintaining alignment between Unicode and long-standing scholarly naming conventions. There is a precedent of using of catalogue identifiers for character names for both ancient and undeciphered scripts in Unicode, eg. Egyptian Hieroglyphs, Cypro-Minoan, Linear A, Sidetic (see Pandey 2023), etc.

The fact that Proto-Elamite has not been completely deciphered is not an obstacle to including it in Unicode. The outcomes of any future efforts to refine the sign repertoire or to decipher the script would have little impact on the basic aspects of the Unicode encoding. If new signs are discovered, they may be added to the Unicode repertoire. If specific values for signs are determined in the future, these may be added as annotations in the Unicode names list. If a sign is later merged with another or deemed a variant, then then an annotation regarding this information may also be added to the names list. Changes resulting from future sign-list refinement or decipherment exercises will not likely change the fact that users will continue to refer to Proto-Elamite signs using existing naming conventions for purposes of consistency across the existing literature.

In fact, encoding all signs documented at present will elevate the technical resources for advancing research of the writing system, and may open new avenues for decipherment. But, more practically, it will enable scholars to represent the known repertoire in both published and digital materials, and to leverage programmatic techniques for analyzing and processing signs as actual characters.

2.1 Sources and Methodology

Several sign lists have been created since the first publication of the Susa tablets by Scheil in 1905. The lists provided by Scheil, de Mecquenem (1949), Meriggi (1971) are problematic for various reasons, as discussed by Englund (2011) and Dahl (2015). These sign inventories were largely inaccurate due to the inclusion of signs from systems, such as Proto-Cuneiform and Linear Elamite, and the lack of careful classification of graphical and semantic variants. As a result, these sign lists enumerate a wide range of signs, from 5,529 signs by de Mecquenem to 393 by Meriggi.

In the past few decades, knowledge about Proto-Elamite has improved through graphemic and graphotactical analysis, and advanced comparative studies of cuneiform tablet structures. Much of this work has been performed by the Cuneiform Digital Library Initiative (CDLI), and has led to the creation of a modern sign list. The new inventory of signs is maintained by Dahl and the researchers at CDLI. Their meticulous efforts have also generated several digital resources that can be used to analyze and quantify Proto-Elamite signs.

The first step in determining the shape of a Unicode repertoire for Proto-Elamite is to assess all of the signs that are documented in modern sources, namely those maintained by CDLI. For this purpose, I have

extensively relied on the following CDLI resources, which are referred to throughout this document using the abbreviation in the ‘ID’ column.

Source	ID	Sign Count
CDLI: Proto-Elamite signs in EPS format https://cdli.ucla.edu/tools/cdlifiles/prE_signs.zip	EPS	1636
CDLI: Proto-Elamite signs in EPS format https://github.com/cdli-gh/proto-elamite_data	EPS-GH	1332
CDLI: Dahl’s working sign list in PDF, 2006-06-28 https://cdli.ucla.edu/tools/cdlifiles/signlists/prE_signlist.zip	PDF	1434
CDLI: Proto-Elamite sign list in JSON https://cdli.mpiwg-berlin.mpg.de/resources/token-lists/5/signs.json	JSON	1796
CDLI: Proto-Elamite word list in JSON https://cdli.mpiwg-berlin.mpg.de/resources/token-lists/5/words.json	JSON-words	1796
CDLI: Proto-Elamite transliterations, 2011-11-20 https://cdli.ucla.edu/tools/cdlifiles/protoElamTranslits20111120.zip	Corpus	1741
SFU: Proto-Elamite transliterations, 2018-06-02 https://github.com/sfu-natlang/pe-decipher-toolkit/blob/master/data/cdli_atf_20180602.txt.bz2	Corpus-SFU	1741

I have collated all signs available in these sources, and conducted a comparative analysis of their intersections and differences (see § 8 for all details).

Major overviews of the sources are as follows:

- Only EPS, EPS-GH, PDF have sign images as well as sign names
- JSON, JSON-words, Corpus, Corpus-SFU have only sign names
- JSON and JSON-words have the same set of signs
- Corpus and Corpus-SFU have the same set of signs, despite different timestamp in filenames
- Images in EPS-GH are identical to EPS, but EPS has numeric signs not in EPS-GH
- PDF lacks numeric signs, and has signs not found in EPS, but lacks images for those

The distinctive sources are EPS, PDF, JSON, and Corpus. These sources have a total of 6607 raw sign names, of which 2011 are distinctive. A comparison of intersections of unique signs between these sources is shown below:

	EPS (1636)	PDF (1434)	JSON (1795)	Corpus (1741)
EPS (1636)		1374	1469	1470
PDF (1434)	1374		1338	1349
JSON (1795)	1469	1338		1716
Corpus (1741)	1470	1349	1716	

While there is substantial overlap in the set of signs enumerated across the sources, there are also considerable differences.

2.2 Establishing the base repertoire

The tentative repertoire is based on EPS, which contains 1636 signs, and provides a set of representative sign images. Accordingly, the names for signs in the repertoire are based on the EPS filenames. The repertoire along with sign glyphs and proposed Unicode names is provided in § 6.

2.3 Potential additions to the repertoire

This core repertoire may be expanded by including the following 348 signs:

- 328 additional signs referenced in sign lists
- 14 unique signs, which occur in compounds, but are not itemized separately in sign lists
- 6 unique signs that occur in names of variant signs, but are not itemized separately in sign lists

These extra signs are enumerated below. They have not been added to the tentative repertoire. Additional refinements are likely to be needed. Also, images of these signs are not yet available.

2.3.1 Independent signs attested beyond the base

There are 375 total signs in PDF, JSON, Corpus that are not found in EPS. In many cases, a given sign may be named differently across the sources, and may be merged using the EPS sign name. There are also some signs in these sources, such as placeholders for fragmentary or missing signs, which may also be excluded.

Normalization of names results in 328 distinctive signs, which are listed below. It is likely that further analysis will identify other signs that may be merged. The full list of signs not in EPS is provided in § 8.7, while a summary of mergers and exclusions follows in § 8.8.

1(N08)	2(N39~b)	4(N14@b)	7(N51)	M039~h
1(N08b)	2(N45)	4(N14@c)	8(N34)	M039~m
1(N14B)	2(N46)	4(N23)	8(N51)	M040
1(N29B)	2(N48)	4(N34)	9(N01@b)	M044~c
1(N30C@g)	2(N51)	4(N39A)	9(N14@b)	M048
1(N30D@g)	2(N51G)	4(N39B)	9(N23)	M049~f
1(N39B@g)	2(N54@b)	4(N39B@b)	9(N34)	M050~g
1(N39C@b)	2(N54G)	4(N48)	9(N34@b)	M054~a
1(N39N)	3(M39B)	4(N51)	11(N01)	M054~d
1(N91)	3(N02)	5(N01@b)	M004~b	M056~h
2(N01B)	3(N14@b)	5(N01B)	M009+M140~a	M056~i
2(N02)	3(N23)	5(N08A)	M009+M320	M056~j
2(N08A)	3(N34)	5(N14@b)	M024~a1	M057+X
2(N14@b)	3(N39B)	5(N23)	M026	M063~d
2(N23)	3(N39B@b)	5(N34)	M026~k	M066~1
2(N30C@c)	3(N39B@c)	5(N45)	M029~i	M066~2
2(N30C@g)	3(N39B@g)	5(N51)	M030~e	M066~a3
2(N30D)	3(N39C)	6(N23)	M033~b	M069
2(N30D@b)	3(N45)	6(N34)	M034~b	M069~f
2(N34)	3(N48)	6(N46)	M035~a	M069~h
2(N39)	3(N51)	6(N51)	M036+1(N01)	M073
2(N39A)	3(N51@b)	7(N01@b)	M036+X	M073~h
2(N39B)	3(N51G)	7(N14@b)	M037~d	M075~b
2(N39B@b)	4(N01@b)	7(N23)	M038~bx	M094
2(N39B@c)	4(N08A)	7(N34)	M038~d	M096~4

M096~a	M218+X	M299~m	M338~h	M377+MXXX+M377
M101~d	M218~b1	M305+M136~c	M338~m	M377+X+M377
M102~i	M221~1	M305+M332	M338~q	M377~h
M105~a+X	M229~e1	M305+M340	M339	M379~c@b
M106+X	M230~a1	M305+M377~e	M340~b	M382~i
M106~2+M288	M230~b	M305+X	M340~c	M384~g
M123	M242~x	M305~e	M341	M387+M387
M123~a	M243~eg	M309~aa	M341~a	M387~aa
M128~c	M246~d	M314~a	M341~b	M388~b
M136+M195~d	M250~bc	M315~1	M342~i	M393~g
M136+X	M251~b	M316~e1	M343~f	M417
M136~v	M251~d	M316~e2	M343~h+1 (N30C)	M418
M136~x+M153	M254~a2	M316~e3	M346~e	M419~a1
M145~g	M254~b1	M316~f	M346~f	M419~h
M145~o	M260~1+M266~a	M316~q	M347+1 (N14)	M419~m
M146~5	M260~1+X	M317+M260	M347+M038~a	M419~q
M149	M260~a+M265	M317+M269	M347+X	M420~1
M151~aa	M260~a+X	M317+M365~d	M348+M288	M429
M153+M075~g+M153	M262~bb	M317+MXXX	M348+X	M447~e
M153+M111~j	M263~b2	M317+X	M351+MXXX	M449~b
M153+X	M264~d2	M322~a	M351+X	M454~b
M153~a	M265~g	M322~g	M352~d	M458~a
M157+M131~a	M269~d	M323~b	M352~n1	M458~b
M157+M367	M276~e	M323~d	M358~g	M461~qa
M157+X	M278+1 (N24)	M325+M044	M361~b1	M488
M157~a+M111~f	M281	M325+M342	M361~c1	M502
M157~b	M281~b	M325+X	M362+M312	M507
M175+M131~a	M281~h	M327+M044~c	M362+M317	M508
M175+M328~b	M283~a1	M327+M059~d	M362+M600	M509
M175+X	M285~ba1	M327+M324	M362+X	M510
M175~c	M291+X	M327+X	M362+x	M511
M193~b	M295~t	M329~a	M366	M512
M195+X	M295~v	M329~b	M368~d	M513
M195~d	M295~x	M329~c	M370+M373~a+M370	M514
M195~e	M295~xa	M330~h	M370+MXXX+M370	M520
M203	M295~y2	M332	M370+MXXX+MXXX	M521
M207~ca	M295~yb	M335	M370+X+M370	MXXX+M383+MXXX
M210~e1	M296~a	M338	M370~b+X	X+M131
M210~n	M297+X	M338~a	M371~f	X+M383+X
M214	M297@b	M338~b	M373~b	
M217~b	M297~c	M338~c	M375~ia	

2.3.2 Signs in compounds, not independently itemized

There are 18 signs that occur in compounds listed in the available sources, but which are not independently enumerated in sign lists. See § 5.6 for details on ‘hapax’ signs in EPS.

1 (N30D)~1	M038	M111~j	M237	M317#
M006~a	M039~ca	M127	M260~2	M600
M009~d	M106~2	M136~x	M265~b	
M024~c	M111~j	M218~d	M288~1	

2.3.3 Variant signs

There are 175 signs that are tagged as alternate or variant forms of 105 main signs across all sources (see § 8.9 for a full list). There are variants that refer to 7 main forms, which are not independently enumerated in sign lists.

M111~j	M195+M057~a	M260+X	M297~c
M139~a	M260+M313~a	M269~j	

As noted in § 2.3.2, M111~j occurs as a ‘hapax’ in compounds, as well.

3 Next Steps

Feedback on the issues below is requested for further developing the Unicode encoding for Proto-Elamite:

1. *Scope of the character repertoire*: The base repertoire consists of 1636 signs for which CDLI has provided images. Which of the additional 337 signs should be included in the Unicode repertoire?
2. *Sign images for additional signs*: Are images available for the additional 337 signs?
3. *Scribal designs*: is more information available on scribal designs found on tablets (see § 5.8)?
4. *Additional sources*: Apart from the sign lists and transliterated corpora analyzed here (see § 2), are there other records that may be analyzed to identify additional signs for the tentative repertoire?
5. *New signs*: Have any new signs been identified since 2020, when the preliminary proposal was submitted?
6. *Reconciliation of sign names*: Different sign lists use different naming conventions for some signs, primarily for signs with modifiers. For example, EPS refers to  as M139~a1 and  as M139~a2, but PDF identifies them as M139~a and M139~b. For these types of name differences, which convention should be used?
7. *Handling of ‘hapax’ signs*: There are 18 signs that occur as named components of compounds and 7 signs that are referenced in names of sign variants. However, these are not enumerated independently in sign lists. Should they be included as separate characters in the Unicode repertoire?
8. *Sign images*: Apart from the 1636 signs currently available in EPS format, have images been created for other signs that occur in the corpus?
9. *Unicode character names*: Should Unicode character names include leading zeros following the ‘M’ and ‘N’ prefixes, or should they be removed, for example: M001 or M1, M054 or M54; ONE-N01 or ONE-N1?
10. *Sort order for sign modifiers*: What is the preferred collation pattern for sign modifiers, such as ~a, ~b, ~1, ~2, etc. As ~1, ~2, etc. are used for indicating alternate forms, should they follow ~a, ~b. Example:

A: M112, M112~1, M112~a, M112~aa, M112~b, ... M112~p, M112~q, M112~r
 B: M112, M112~a, M112~aa, M112~b, ... M112~p, M112~q, M112~r, M112~1

11. *Sort order for compounds*: Should compounds be interleaved with the base sign (along with sign modifiers) or placed after the base sign, eg.

A: M054, M054+M365+M054~i, M054+M384~i+M054~i, M054+M393~f+M054~i, M054~b, M054~c, M054~i
 B: M054, M054~b, M054~c, M054~i, M054+M365+M054~i, M054+M384~i+M054~i, M054+M393~f+M054~i

Another option would be to group all compound signs after the set of individual base signs.

12. *Validation of sign names*: The sign Ξ is given the designation M036+1(N30C)+1(N39C). Is there an order of precedence for complex-capacity signs based on constituents rather than ‘vertical’ order? Visually, Ξ could be M036+1(N39C)+1(N30C).

4 Background

The term ‘Proto-Elamite’ refers to a writing system that was used at the beginning of the 3rd millenium BCE in the region to the east and southeast of Mesopotamia, known as Elam, which corresponds to the eastern portion of present-day Iran. The name was assigned by the French epigraphist Jean-Vincent Scheil in the early 20th century, who believed it to be the predecessor of a ‘proper’ Elamite script, which would have been used for recording the Elamite language, simply on account of the location of the tablets at Susa, which was the capital city of Elam. While no ‘proper’ descendent of the script has been identified, scholars continue to use the name ‘Proto-Elamite’ as a matter of convention (Dahl 2012: 2).

Proto-Elamite is believed to have been developed from an accounting system used in Mesopotamia, in a manner similar to the development of ‘Proto-Cuneiform’. The two systems likely emerged in parallel from the source, a hypothesis that is supported by the similarity of numerical signs and some signs that likely represent animals. But, both writing systems developed independently and uniquely. For instance, Proto-Elamite has signs for decimal notation that do not exist in Proto-Cuneiform. The two also differ in the glyphic nature of their ideographic signs: Proto-Cuneiform is highly pictographic, while Proto-Elamite is highly abstract. It is noteworthy that Proto-Cuneiform has an abundance of signs depicting human body parts, but such signs are absent from Proto-Elamite.

It is attested on approximately 1,600 records. The bulk of these are 1,400 well-preserved clay tablets that were unearthed at Susa in the early 20th century. These are supplemented by nearly 500 fragmentary tablets. Other Proto-Elamite records have been found across Iran, as far west as Baluchistan. The majority of the records are held by the Musée du Louvre (Paris) and the National Iranian Museum (Tehran). Based upon the structure of the contents and the appearance of numerical notation on the vast majority of tablets, scholars believe that the texts seem “without exception to be administrative documents”, recording “receipts and transfers of grain, livestock, and laborers” and other accounting details (Englund 2011).

Proto-Elamite has not been fully deciphered and the underlying language is unknown. The character repertoire contains numerical and ideographic signs. Numerical signs have been distinguished and their values have been understood based upon comparisons with Proto-Cuneiform signs. The value of several ideographic signs have been postulated using similar analogues in Proto-Cuneiform. It is believed that some signs may have been assigned syllabic values and used for representing proper names. This development is “unparalleled in the history of early writing systems” (Dahl 2012: 2).

During the French excavation at Susa, an object bearing an inscription in another script was found alongside the Proto-Elamite tablets. Scheil considered the records to be contemporary and to be part of the same

writing system (Vallat 1986). It was eventually discovered that these records were inscribed in another writing system, which was used at the end of the 3rd millennium BCE. Modern scholars refer to this script as ‘Linear Elamite’ and consider the two scripts to be unrelated. Some believe that Linear Elamite signs have syllabic values, while some are logographic (Salvini 2011). Others propose that it is phonographic (Desset 2012). In August 2022, a team led by François Desset published a proposed decipherment of Linear Elamite (Desset, et al, 2022), which is being examined by experts.

Scholarship on Proto-Elamite is quite active and substantial efforts have been made to advance preservation of records, decipherment of the script, and to make materials available for study:

- The Cuneiform Digital Library Initiative (CDLI) is a collaboration by the University of California, Los Angeles, the University of Oxford, and the Max Planck Institute for the History of Science, Berlin focused on the study of ancient Near Eastern writing systems. It provides access to high-resolution images and transliterations of all extant Proto-Elamite records.
- A joint effort by the University of Oxford and the University of Southampton in 2012 used Reflectance Transformation Imaging (RTI) to produce high-resolution images of more than one thousand Proto-Elamite tablets in the collections of the Louvre (see fig. 1; also Ronan 2013).
- In 2019, a team from the University of British Columbia began using natural language processing and machine learning techniques to perform graphotactical analysis in an effort to reveal previously-unobserved relationships between signs (Born, et al. 2019).

Proto-Elamite signs are depicted extensively in charts, but are generally referred to in running text using Latin alpha-numeric designations. This is a consequence both of the scholarly conventions used in the early 20th century and typographical limitations. The designations reference serial numbers used in sign lists. These are not descriptive and do not provide any meaningful context linked to the graphical aspects of a sign. This alphanumeric identifier was used instead of the actual sign due to the technical convenience of typesetting Latin characters and also to the lack of proper Proto-Elamite fonts. However, as digital typography tools became more prevalent, scholars developed digitized fonts for Proto-Elamite signs and used them in running text in publications (see fig. 5–7).

A Unicode encoding would provide scholars of Proto-Elamite with a digital foundation for advancing the study and decipherment of the script, and preservation and exchange of the corpus, using data-driven approaches.

5 Overview of the Sign Repertoire

5.1 Sign names

- Numeric signs are denoted using a number followed by ‘N’. The number preceding ‘N’ indicates the value of the sign, and the number following ‘N’ refers to a decipherment sequence, not to any inherent value of the sign.
- Ideographic sign names begin with ‘M’ and are numbered serially. These may carry a variety of alphanumeric suffixes that indicate different graphical attributions
- Names for both numeric and ideographic signs may contain a ‘@’, ‘#’, which indicate modifications to the base sign, such as a rotated element, etc.
- Compound signs are indicated by linking the constituent elements using the ‘+’ sign. This system is not intended to convey the actual structure of the compound, but simply to describe the membership of the compound.

5.2 Numeric signs

The numeric signs are used for recording decimal and sexagesimal notations. There is no distinctive sign for zero. Signs used for expressing singular values are shown below:

	1N ₁		1N ₂₃		1N _{39a}		1N ₅₁
	1N ₂		1N ₂₄		1N _{39b}		1N _{51g}
	1N _{8a}		1N _{30c}		1N _{39c}		1N ₅₄
	1N _{8b}		1N _{30d}		1N ₄₅		
	1N ₁₄		1N ₃₄		1N ₄₈		

The signs 1N₁ and 1N₁₄ have attested representations of the primary units of the decimal system. It appears that 1N₁ could have been used for decimal notation, but only two units are attested.

1N ₁	2N ₁	3N ₁	4N ₁	5N ₁	6N ₁	7N ₁	8N ₁	9N ₁
1N ₁₄	2N ₁₄	3N ₁₄	4N ₁₄	5N ₁₄	6N ₁₄	7N ₁₄	8N ₁₄	9N ₁₄
1N _{30c}	2N _{30c}							

5.3 Numeric signs with extended representations

Some numeric signs have ‘enclosed’ and ‘hatched’ forms:

base sign	enclosed	hatched
 1N ₁	 1N _{1@b}	 1N _{1@c}
 1N ₁₄	 1N _{14@b}	 1N _{14@c}
 1N ₂₄	 1N _{24@b}	 1N _{24@c}
 1N _{30c}	 1N _{30c@b}	 1N _{30c@c}
 1N _{30d}	 1N _{30d@b}	 1N _{30d@c}
 1N ₃₄	 1N _{34@b}	unattested
 1N _{39b}	 1N _{39b@b}	 1N _{39b@c}
 1N ₄₅	 1N _{45@b}	unattested
 1N ₅₁	 1N _{51@b}	 1N _{51@c}
 3N ₁	 3N _{1@b}	 3N _{1@c}

5.4 Complex capacity signs

A ‘complex capacity sign’ (CCS) is used for counted objects, such as jars, pots, etc. Such a sign is formed by inscribing a numerical sign (N) within the frame of a non-numeric (G) sign. The numerical sign may be accompanied by another numerical sign or a non-numeric (G) sign. The pattern for CCS may be expressed as $G \times (G|N(+G|N)^*)$. According to Dahl, when a CCS base (G) is inscribed with a numerical sign, it likely indicates a quantity of the product being expressed, and when inscribed with a non-numerical sign it likely indicates a quantity of the product. When inscribed with both types of signs, the compound represents both the quantity and the quality of the product. Common bases for CCS compounds are:

-  M36, believed to represent a quantity of grain (Dahl 2015: 2)

-  M39, believed to be an alternate representation of the container M36 (Dahl 2015: 4)
-  M260, believed to represent a vessel for storing beer (Dahl 2015: 4)

Some attested CCS compounds are shown below, analyzed into subtypes based upon the the structures of the signs and patterns of compound formation. Generally, the inscribed signs are reduced in size in order to fit within the frame of the base.

- Container with a numerical sign, of the pattern $G \times N$:

$$\text{M36} \times \bullet \text{ 1N}_{14} \rightarrow \text{M36 with 1N}_{14}$$

$$\text{M36} \times \text{1N}_{24} \rightarrow \text{M36 with 1N}_{24}$$

$$\text{M36} \times \text{1N}_{39b} \rightarrow \text{M36 with 1N}_{39b}$$

$$\text{M39} \times \text{1N}_{30d} \rightarrow \text{M39 with 1N}_{30d}$$

$$\text{M260} \times \bullet \text{ 1N}_{24} \rightarrow \text{M260 with 1N}_{24}$$

$$\text{M260} \times \text{1N}_{24} \rightarrow \text{M260 with 1N}_{24}$$

$$\text{M260} \times \text{1N}_{30c} \rightarrow \text{M260 with 1N}_{30c}$$

$$\text{M264-a} \times \text{1N}_{24} \rightarrow \text{M264-a with 1N}_{24}$$

- Container with two numerical signs, of the pattern $G \times (N+N)$:

$$\text{M36} \times \text{1N}_{39c} + \text{1N}_{30c} \rightarrow \text{M36 with 1N}_{39c} \text{ and } \text{1N}_{30c}$$

- Container with a numerical and non-numerical sign, of the pattern $G \times (N+G)$:

$$\text{M36} \times \text{1N}_{24} + \text{M343-h} \rightarrow \text{M36 with 1N}_{24} \text{ and } \text{M343-h}$$

$$\text{M36} \times \text{1N}_{39b} + \text{M343-h} \rightarrow \text{M36 with 1N}_{39b} \text{ and } \text{M343-h}$$

- Container with a non-numerical sign, of the pattern $G \times G$

$$\text{M260} \times \text{M266-A} \rightarrow \text{Compound Sign}$$

$$\text{M260} \times \text{M312} \rightarrow \text{Compound Sign}$$

5.5 Complex graphemes

A ‘complex grapheme’ (CG) is used for inanimate objects, as well as persons, households, and other quantities. Dahl describes three types of CG, but I have analyzed CGs into additional subtypes based upon sign structures and patterns of compound formation:

- Type 1_a: Two instances of one sign vertically framing another sign, following the pattern $G_1 + G_2 + G_1$. Scaling or re-sizing of signs occurs with some compounds.

$$\text{M153} + \text{M320} + \text{M153} \rightarrow \text{Compound Sign}$$

$$\text{M377} + \text{M383} + \text{M377} \rightarrow \text{Compound Sign}$$

$$\text{M370} + \text{M386} + \text{M370} \rightarrow \text{Compound Sign}$$

$$\text{M387-CA} + \text{M340} + \text{M387-CA} \rightarrow \text{Compound Sign}$$

- Type 1_b: A regular and inverse form of one sign vertically framing another sign, following the pattern $G_1 + G_2 + G_{1i}$

$$\text{M54} + \text{M393-f} + \text{M54-i} \rightarrow \text{Compound Sign}$$

$$\text{M54} + \text{M384-i} + \text{M54-i} \rightarrow \text{Compound Sign}$$

- Type 2_a: One sign inscribed within the main body of another sign, which typically has a frame or container structure, following the pattern $G_1 \times G_{2r}$. In such compounds, G_2 may be reduced in size.

$$\text{M36} \times \text{M10} \rightarrow \text{Compound Sign}$$

$$\text{M172} \times \text{M286} \rightarrow \text{Compound Sign}$$



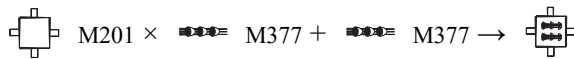
- Type 2_b: One sign inscribed within a specific field in of another sign, whose structure appears to be specifically formed to function as a complex grapheme; following the pattern $G_1 \times G_{2r}$. In such compounds, G_2 may be reduced in size.



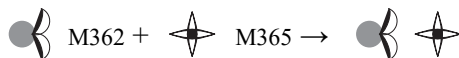
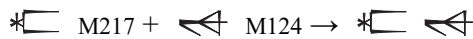
- Type 2_c: One sign inscribed a particular segment of another container-like sign, following the pattern $G_1 \times G_{2r}$. In such compounds, G_2 may be reduced in size.



- Type 2_d: Two size-reduced forms of one sign vertically inscribed within another sign of Type 2_a, following the pattern $G_1 \times (G_{2r} + G_{2r})$



- Type 3: linear adjacent, following the pattern $G_1 + G_2$ or $G_2 + G_1$. This type may be an alternate method for representing the Type 2 compounds shown above.



Apart from the above CGs described by Dahl (2015), the repertoire contains compound signs formed using the following methods:

- Vertical stacks of two signs, following the pattern $G_1 + G_2$:

$$\text{—} \text{ M2} + \text{●●●} \text{ M379} \rightarrow \text{—●●●}$$

$$\text{↙} \text{ M343-H} + \text{●●●} \text{ M353} \rightarrow \text{↙●●●}$$

- Vertical stacks of the same sign, following the pattern $G_1 + G_1$:

$$\text{◁} \text{ M304} + \text{◁} \text{ M304} \rightarrow \text{◁◁}$$

$$\text{●●●} \text{ M377} + \text{●●●} \text{ M377} \rightarrow \text{●●●●●●}$$

- A single sign with mirrored graphical components bifurcated vertically to frame another sign, with possible size adjustments of the latter, following the pattern $G_{1t} + G_2 + G_{1b}$

$$\text{⊖} \text{ M348} + \text{—●} \text{ M4} \rightarrow \text{⊖●⊖}$$

$$\text{⊖} \text{ M348} + \text{⊕} \text{ M346} \rightarrow \text{⊖⊕⊖}$$

5.6 ‘Hapax’ signs

Of the 18 ‘hapax’ signs that occur in compounds across the sources (see § 2.3.2), but are not itemized separately in sign lists, 14 occur in EPS:

‘Hapax’	Occurrence	
1(N30D)~1		M036+1(N30D)~1
M006~a		M153+M006~a
M009~d		M009~d+M346+M009~d
M024~c		M362+M024~c
M038		M195+M038
M039~ca		M039~ca+1(N30D)

‘Hapax’	Occurrence
M111~j	 M386+M111~j
M127	 M127+M127
M218~d	 M218~d+M288
M237	 M260~a+M237
M260~2	 M260~2+1 (N24)
M265~b	 M317+M265~b
M288~1	 M106+M288~1
M317#	 M362+M317#

Feedback from experts regarding these signs has been requested. It may be necessary to define these ‘hapax’ signs as individual signs in the tentative Unicode repertoire.

5.7 Alternate or variant forms

There are 153 signs that are tagged as alternate or variant forms of 86 signs.

Sign	Alternate
 M006@g	 M006@g~1,  M006@g~2
 M010	 M010~1,  M010~2,  M010~3,  M010~4,  M010~5,  M010~6,  M010~7
 M024	 M024~1
 M036+1(N30D)	 M036+1(N30D)~1
 M038~a	 M038~a1,  M038~a2
 M038~b	 M038~b1,  M038~b2
 M038~e	 M038~e1
 M039~c	 M039~c1

Sign	Alternate
 M046	 M046~1
 M049~c	 M049~c1
 M050~k	 M050~k1,  M050~k2,  M050~k3,  M050~k4
 M057~a	 M057~a1,  M057~a2,  M057~a4
 M057~b	 M057~b1
 M059~f	 M059~f1
 M066~a	 M066~a1,  M066~a2
 M073~b	 M073~b1
 M075~o	 M075~o1,  M075~o2
 M081	 M081~1
 M096	 M096~1,  M096~2,  M096~3
 M102~d	 M102~d1
 M102~k	 M102~k1,  M102~k2
 M103	 M103~1,  M103~2,  M103~3
 M106	 M106~1
 M106+M288	 M106+M288~1
 M110~a	 M110~a
 M110~b	 M110~b
M111~j	 M111~j1,  M111~j2
 M111~o	 M111~o1
 M112	 M112~1

Sign	Alternate
 M112~e	 M112~e1
 M122	 M122~1,  M122~2,  M122~3,  M122~4,  M122~5,  M122~6
 M128	 M128~1
 M128~da	 M128~da1
 M131~k	 M131~k1
M139~a	 M139~a1,  M139~a2
 M146	 M146~0,  M146~1,  M146~2,  M146~3,  M146~4
 M149~a	 M149~a1,  M149~a2,  M149~a3
M195+M057~a	 M195+M057~a4
 M195~c	 M195~c1
 M200	 M200~1
 M206~d	 M206~d1
 M206~g	 M206~g1,  M206~g2
 M209~d	 M209~d1
 M218	 M218~1
 M218+M288	 M218~1+M288
 M219	 M219~1
 M240~d	 M240~d1
 M249~n	 M249~n1

Sign	Alternate
 M251~c	 M251~c2,  M251~c3
 M259	 M259~1,  M259~2,  M259~3
 M260	 M260~1,  M260~3
 M260+1(N24)	 M260~1+1(N24),  M260~2+1(N24)
M260+M313~a	 M260~1+M313~a
 M261~a	 M261~a1
 M261~b	 M261~b,  M261~b1
 M261~c	 M261~c
 M261~d	 M261~d1
 M262	 M262~1
 M263	 M263~1
 M263~a	 M263~a1
 M263~b	 M263~b1
 M264~a	 M264~a1
 M264~d	 M264~d1
 M265	 M265~1,  M265~2
 M265~f	 M265~f1,  M265~f2,  M265~f3
 M269	 M269~1,  M269~2,  M269~3,  M269~4
 M269~a	 M269~a1,  M269~a2,  M269~a3
M269~j	 M269~j1,  M269~j2
 M295~k	 M295~k1

Sign	Alternate
M297~c	 M297~c1,  M297~c2
 M309~a	 M309~a1
 M310	 M310~1
 M313~b	 M313~b1
 M316	 M316~1,  M316~2,  M316~3,  M316~4
 M316~a	 M316~a
 M316~e	 M316~e
 M316~k	 M316~k
 M316~l	 M316~l
 M317	 M317~1
 M317~b	 M317~b2
 M318~a	 M318~a1,  M318~a2,  M318~a3
 M323	 M323~1
 M342	 M342~1
 M346	 M346~1
 M346~a	 M346~a1,  M346~a2,  M346~a3,  M346~a4
 M352~n	 M352~n2
 M367~a	 M367~a1,  M367~a2
 M383~e	 M383~e1
 M384~d	 M384~d1,  M384~d2
 M387~ee	 M387~ee1

Sign	Alternate
 M387~ef	 M387~ef1
 M387~1	 M387~11

There are 6 signs referenced in variants, which are not independently enumerated in EPS.

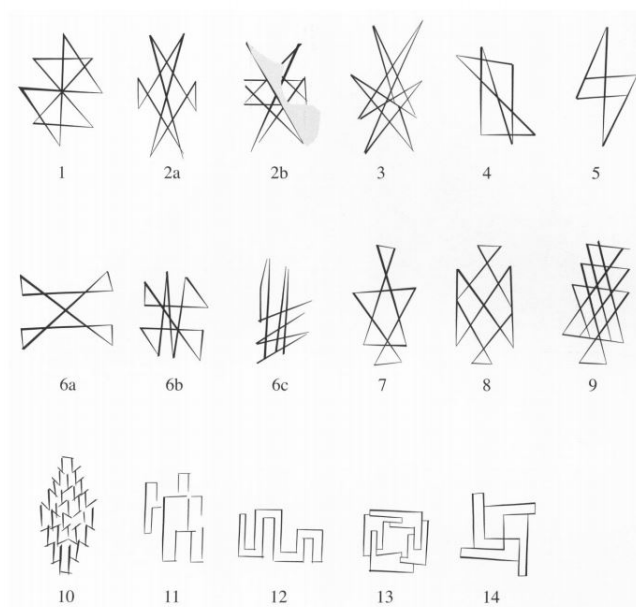
M111~j
M139~a

M195+M057~a
M260+M313~a

M269~j
M297~c

5.8 Scribal designs

Signs referred to as ‘scribal designs’ are used in place of seals on some late Proto-Elamite tablets. There are 20 such scribal designs with 60 attestations (Dahl 2012: 4; see also the figure below). These scribal designs may be suitable for encoding on account of their semantics, but they are not included in the tentative repertoire at present.



6 Tentative Unicode Character Repertoire

The tentative encoded repertoire for Proto-Elamite consists of 1636 characters. There is a potential to expand this set with 337 additional signs. But, images for those signs are not currently available.

Of the 1636 signs with defined glyphs, 58 numeric and 1576 generic ideographic signs. The tables below provide a generic serial number for reference purposes, a digitized glyph, the CDLI name, and a proposed Unicode character name for each sign.

The ideographic signs may be categorized into 1374 individual and 204 compound signs. Of these, 182 are composed of 2 signs and 22 are composed of 3 signs. Compounds may be classified as ‘complex capacity signs’ and general ‘complex graphemes’, as per Dahl (2005), and are described in further detail in § 5.5 and § 5.4.

class	type	composition	total signs
numeric	individual sign	1 sign	58
ideographic	individual sign	1 sign	1374
	complex capacity sign (CCS)	2 signs	24
		3 signs	4
	complex grapheme (CG)	2 signs	158
		3 signs	18
			1636

6.1 Character Naming Convention

- The number preceding N in numerical signs has been replaced with its English name. Unicode character naming rules do not allow the character name to begin with a digit. A dash has been added between the number and the N in order to distinguish the sign’s value from other identifiers.

- Identifiers have been replaced with a descriptive term:

@b WITH ENCLOSURE

@c WITH HATCHING

- For ideographic signs, alphanumeric descriptors are denoted using a dash after the base sign name.
- The ‘+’ in sign names for compounds has been replaced with ‘AND’. No attempt to describe the actual structure of the compound within the character name has made been.

6.2 Numeric signs

The 58 numeric characters in the proposed repertoire are:

#	Sign	CDLI Name	Unicode Character Name
0		1(N01)	PROTO-ELAMITE NUMBER ONE-N1
1		1(N01@b)	PROTO-ELAMITE NUMBER ONE-N1 WITH ENCLOSURE
2		1(N01@c)	PROTO-ELAMITE NUMBER ONE-N1 WITH HATCHING
3		1(N02)	PROTO-ELAMITE NUMBER ONE-N2
4		1(N08A)	PROTO-ELAMITE NUMBER ONE-N8A
5		1(N08B)	PROTO-ELAMITE NUMBER ONE-N8B
6		1(N14)	PROTO-ELAMITE NUMBER ONE-N14
7		1(N14@b)	PROTO-ELAMITE NUMBER ONE-N14 WITH ENCLOSURE
8		1(N14@c)	PROTO-ELAMITE NUMBER ONE-N14 WITH HATCHING
9		1(N23)	PROTO-ELAMITE NUMBER ONE-N23
10		1(N24)	PROTO-ELAMITE NUMBER ONE-N24
11		1(N24@b)	PROTO-ELAMITE NUMBER ONE-N24 WITH ENCLOSURE
12		1(N24@c)	PROTO-ELAMITE NUMBER ONE-N24 WITH HATCHING
13		1(N30C)	PROTO-ELAMITE NUMBER ONE-N30C
14		1(N30C@b)	PROTO-ELAMITE NUMBER ONE-N30C WITH ENCLOSURE

#	Sign	CDLI Name	Unicode Character Name
15		1(N30C@c)	PROTO-ELAMITE NUMBER ONE-N30C WITH HATCHING
16		1(N30D)	PROTO-ELAMITE NUMBER ONE-N30D
17		1(N30D@b)	PROTO-ELAMITE NUMBER ONE-N30D WITH ENCLOSURE
18		1(N30D@c)	PROTO-ELAMITE NUMBER ONE-N30D WITH HATCHING
19		1(N34)	PROTO-ELAMITE NUMBER ONE-N34
20		1(N34@b)	PROTO-ELAMITE NUMBER ONE-N34 WITH ENCLOSURE
21		1(N39A)	PROTO-ELAMITE NUMBER ONE-N39A
22		1(N39B)	PROTO-ELAMITE NUMBER ONE-N39B
23		1(N39B@b)	PROTO-ELAMITE NUMBER ONE-N39B WITH ENCLOSURE
24		1(N39B@c)	PROTO-ELAMITE NUMBER ONE-N39B WITH HATCHING
25		1(N39C)	PROTO-ELAMITE NUMBER ONE-N39C
26		1(N45)	PROTO-ELAMITE NUMBER ONE-N45
27		1(N45@b)	PROTO-ELAMITE NUMBER ONE-N45 WITH ENCLOSURE
28		1(N46)	PROTO-ELAMITE NUMBER ONE-N46
29		1(N48)	PROTO-ELAMITE NUMBER ONE-N48
30		1(N51)	PROTO-ELAMITE NUMBER ONE-N51
31		1(N51@b)	PROTO-ELAMITE NUMBER ONE-N51 WITH ENCLOSURE

#	Sign	CDLI Name	Unicode Character Name
32		1(N51@c)	PROTO-ELAMITE NUMBER ONE-N51 WITH HATCHING
33		1(N51G)	PROTO-ELAMITE NUMBER ONE-N51G
34		1(N54)	PROTO-ELAMITE NUMBER ONE-N54
35		1(N54@b)	PROTO-ELAMITE NUMBER ONE-N54 WITH ENCLOSURE
36		1(N54G)	PROTO-ELAMITE NUMBER ONE-N54G
37		2(N01)	PROTO-ELAMITE NUMBER TWO-N1
38		2(N01@b)	PROTO-ELAMITE NUMBER TWO-N1 WITH ENCLOSURE
39		2(N14)	PROTO-ELAMITE NUMBER TWO-N14
40		2(N30C)	PROTO-ELAMITE NUMBER TWO-N30C
41		2(N30C@b)	PROTO-ELAMITE NUMBER TWO-N30C WITH ENCLOSURE
42		3(N01)	PROTO-ELAMITE NUMBER THREE-N1
43		3(N01@b)	PROTO-ELAMITE NUMBER THREE-N1 WITH ENCLOSURE
44		3(N01@c)	PROTO-ELAMITE NUMBER THREE-N1 WITH HATCHING
45		3(N14)	PROTO-ELAMITE NUMBER THREE-N14
46		4(N01)	PROTO-ELAMITE NUMBER FOUR-N1
47		4(N14)	PROTO-ELAMITE NUMBER FOUR-N14
48		5(N01)	PROTO-ELAMITE NUMBER FIVE-N1

#	Sign	CDLI Name	Unicode Character Name
49		5(N14)	PROTO-ELAMITE NUMBER FIVE-N14
50		6(N01)	PROTO-ELAMITE NUMBER SIX-N1
51		6(N14)	PROTO-ELAMITE NUMBER SIX-N14
52		7(N01)	PROTO-ELAMITE NUMBER SEVEN-N1
53		7(N14)	PROTO-ELAMITE NUMBER SEVEN-N14
54		8(N01)	PROTO-ELAMITE NUMBER EIGHT-N1
55		8(N14)	PROTO-ELAMITE NUMBER EIGHT-N14
56		9(N01)	PROTO-ELAMITE NUMBER NINE-N1
57		9(N14)	PROTO-ELAMITE NUMBER NINE-N14

6.3 General ideographic signs

The table below shows the 1576 ideographic signs in the proposed repertoire. In the ‘Type’ column, ‘S’ denotes a ‘simple’ or individual sign; ‘CG’ denotes a ‘complex grapheme’ or general compound sign; ‘CCS’ denotes a ‘complex capacity sign’ or a compound sign with a numerical component.

#	Sign	CDLI Name	Type	Unicode Character Name
58		M001	S	PROTO-ELAMITE SIGN M1
59		M001+M379~c	CG	PROTO-ELAMITE SIGN M1 AND M379-C
60		M001+M379~d	CG	PROTO-ELAMITE SIGN M1 AND M379-D
61		M001~b	S	PROTO-ELAMITE SIGN M1-B
62		M002	S	PROTO-ELAMITE SIGN M2

#	Sign	CDLI Name	Type	Unicode Character Name
63		M002+M379	CG	PROTO-ELAMITE SIGN M2 AND M379
64		M002~b	S	PROTO-ELAMITE SIGN M2-B
65		M003	S	PROTO-ELAMITE SIGN M3
66		M003~b	S	PROTO-ELAMITE SIGN M3-B
67		M003~b+M379~c	CG	PROTO-ELAMITE SIGN M3-B AND M379-C
68		M003~c	S	PROTO-ELAMITE SIGN M3-C
69		M004	S	PROTO-ELAMITE SIGN M4
70		M004~x	S	PROTO-ELAMITE SIGN M4-X
71		M005	S	PROTO-ELAMITE SIGN M5
72		M005~a	S	PROTO-ELAMITE SIGN M5-A
73		M006	S	PROTO-ELAMITE SIGN M6
74		M006@g	S	PROTO-ELAMITE SIGN M6 ALTERNATE G
75		M006@g~1	S	PROTO-ELAMITE SIGN M6 ALTERNATE G-1 → Possible alternate of M006@g
76		M006@g~2	S	PROTO-ELAMITE SIGN M6 ALTERNATE G-2 → Possible alternate of M006@g
77		M006~b	S	PROTO-ELAMITE SIGN M6-B
78		M006~b@g	S	PROTO-ELAMITE SIGN M6-B ALTERNATE G
79		M007~a	S	PROTO-ELAMITE SIGN M7-A
80		M007~b	S	PROTO-ELAMITE SIGN M7-B
81		M007~c	S	PROTO-ELAMITE SIGN M7-C

#	Sign	CDLI Name	Type	Unicode Character Name
82		M007~d	S	PROTO-ELAMITE SIGN M7-D
83		M009	S	PROTO-ELAMITE SIGN M9
84		M009~a	S	PROTO-ELAMITE SIGN M9-A
85		M009~c	S	PROTO-ELAMITE SIGN M9-C
86		M009~d+M346+M009~d → M009~d is not separately enumerated in sign lists	CG	PROTO-ELAMITE SIGN M9-D AND M346 AND M9-D
87		M009~e	S	PROTO-ELAMITE SIGN M9-E
88		M009~f	S	PROTO-ELAMITE SIGN M9-F
89		M009~g	S	PROTO-ELAMITE SIGN M9-G
90		M009~h	S	PROTO-ELAMITE SIGN M9-H
91		M009~i	S	PROTO-ELAMITE SIGN M9-I
92		M010	S	PROTO-ELAMITE SIGN M10
93		M010~1 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-1
94		M010~2 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-2
95		M010~3 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-3
96		M010~4 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-4
97		M010~5 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-5

#	Sign	CDLI Name	Type	Unicode Character Name
98		M010~6 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-6
99		M010~7 → Possible alternate of M010	S	PROTO-ELAMITE SIGN M10-7
100		M011	S	PROTO-ELAMITE SIGN M11
101		M012	S	PROTO-ELAMITE SIGN M12
102		M013	S	PROTO-ELAMITE SIGN M13
103		M014~a	S	PROTO-ELAMITE SIGN M14-A
104		M014~b	S	PROTO-ELAMITE SIGN M14-B
105		M015	S	PROTO-ELAMITE SIGN M15
106		M016	S	PROTO-ELAMITE SIGN M16
107		M017	S	PROTO-ELAMITE SIGN M17
108		M018	S	PROTO-ELAMITE SIGN M18
109		M021	S	PROTO-ELAMITE SIGN M21
110		M024	S	PROTO-ELAMITE SIGN M24
111		M024~1 → Possible alternate of M024	S	PROTO-ELAMITE SIGN M24-1
112		M024~a	S	PROTO-ELAMITE SIGN M24-A
113		M025	S	PROTO-ELAMITE SIGN M25
114		M025~a	S	PROTO-ELAMITE SIGN M25-A
115		M026~a	S	PROTO-ELAMITE SIGN M26-A

#	Sign	CDLI Name	Type	Unicode Character Name
116		M026~b	S	PROTO-ELAMITE SIGN M26-B
117		M026~d	S	PROTO-ELAMITE SIGN M26-D
118		M026~h	S	PROTO-ELAMITE SIGN M26-H
119		M029	S	PROTO-ELAMITE SIGN M29
120		M029~a	S	PROTO-ELAMITE SIGN M29-A
121		M029~b	S	PROTO-ELAMITE SIGN M29-B
122		M029~c	S	PROTO-ELAMITE SIGN M29-C
123		M029~d	S	PROTO-ELAMITE SIGN M29-D
124		M029~e	S	PROTO-ELAMITE SIGN M29-E
125		M029~k	S	PROTO-ELAMITE SIGN M29-K
126		M029~l	S	PROTO-ELAMITE SIGN M29-L
127		M029~l+1(N08A)	CCS	PROTO-ELAMITE SIGN M29-L AND ONE-N8A
128		M030~a	S	PROTO-ELAMITE SIGN M30-A
129		M030~c	S	PROTO-ELAMITE SIGN M30-C
130		M030~g	S	PROTO-ELAMITE SIGN M30-G
131		M032	S	PROTO-ELAMITE SIGN M32
132		M032~a	S	PROTO-ELAMITE SIGN M32-A
133		M032~b	S	PROTO-ELAMITE SIGN M32-B
134		M032~d	S	PROTO-ELAMITE SIGN M32-D
135		M032~e	S	PROTO-ELAMITE SIGN M32-E

#	Sign	CDLI Name	Type	Unicode Character Name
136		M033	S	PROTO-ELAMITE SIGN M33
137		M033~a	S	PROTO-ELAMITE SIGN M33-A
138		M033~c	S	PROTO-ELAMITE SIGN M33-C
139		M034	S	PROTO-ELAMITE SIGN M34
140		M034~a	S	PROTO-ELAMITE SIGN M34-A
141		M035	S	PROTO-ELAMITE SIGN M35
142		M036	S	PROTO-ELAMITE SIGN M36
143		M036+1(N14)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N14
144		M036+1(N24)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N24
145		M036+1(N24)+M343~h	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N24 AND M343-H
146		M036+1(N30C)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N30C
147		M036+1(N30C)+1(N39C)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N30C AND 1N39C
148		M036+1(N30D)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N30D
149		M036+1(N30D)~1	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N30D-1 → Possible alternate of M036+1(N30D) → 1(N30D)~1 is not separately enumerated in sign lists
150		M036+1(N30D)+M343~h	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N30D AND M343-H
151		M036+1(N39B)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N39B
152		M036+1(N39B)+M343~h	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N39B AND M343-H
153		M036+1(N39C)	CCS	PROTO-ELAMITE SIGN M36 AND ONE-N39C
154		M036+M010	CG	PROTO-ELAMITE SIGN M36 AND M10

#	Sign	CDLI Name	Type	Unicode Character Name
155		M036+M035	CG	PROTO-ELAMITE SIGN M36 AND M35
156		M036+M343~e	CG	PROTO-ELAMITE SIGN M36 AND M343-E
157		M036+M343~h	CG	PROTO-ELAMITE SIGN M36 AND M343-H
158		M036~a	S	PROTO-ELAMITE SIGN M36-A
159		M037	S	PROTO-ELAMITE SIGN M37
160		M037~a	S	PROTO-ELAMITE SIGN M37-A
161		M038~a	S	PROTO-ELAMITE SIGN M38-A
162		M038~a1	S	PROTO-ELAMITE SIGN M38-A1 → Possible alternate of M038~a
163		M038~a2	S	PROTO-ELAMITE SIGN M38-A2 → Possible alternate of M038~a
164		M038~b	S	PROTO-ELAMITE SIGN M38-B
165		M038~b1	S	PROTO-ELAMITE SIGN M38-B1 → Possible alternate of M038~b
166		M038~b2	S	PROTO-ELAMITE SIGN M38-B2 → Possible alternate of M038~b
167		M038~c	S	PROTO-ELAMITE SIGN M38-C
168		M038~e	S	PROTO-ELAMITE SIGN M38-E
169		M038~e1	S	PROTO-ELAMITE SIGN M38-E1 → Possible alternate of M038~e
170		M038~f	S	PROTO-ELAMITE SIGN M38-F
171		M038~h	S	PROTO-ELAMITE SIGN M38-H

#	Sign	CDLI Name	Type	Unicode Character Name
172		M038~i	S	PROTO-ELAMITE SIGN M38-I
173		M039	S	PROTO-ELAMITE SIGN M39
174		M039+1(N30D)	CCS	PROTO-ELAMITE SIGN M39 AND ONE-N30D
175		M039~a	S	PROTO-ELAMITE SIGN M39-A
176		M039~b	S	PROTO-ELAMITE SIGN M39-B
177		M039~c	S	PROTO-ELAMITE SIGN M39-C
178		M039~c1	S	PROTO-ELAMITE SIGN M39-C1 → Possible alternate of M039~c
179		M039~c+1(N30D)	CCS	PROTO-ELAMITE SIGN M39-C AND ONE-N30D
180		M039~ca+1(N30D)	CCS	PROTO-ELAMITE SIGN M39-CA AND ONE-N30D → M039~ca is not separately enumerated in sign lists
181		M039~d	S	PROTO-ELAMITE SIGN M39-D
182		M039~e	S	PROTO-ELAMITE SIGN M39-E
183		M039~f	S	PROTO-ELAMITE SIGN M39-F
184		M039~g	S	PROTO-ELAMITE SIGN M39-G
185		M041	S	PROTO-ELAMITE SIGN M41
186		M041~c	S	PROTO-ELAMITE SIGN M41-C
187		M041~d	S	PROTO-ELAMITE SIGN M41-D
188		M041~e	S	PROTO-ELAMITE SIGN M41-E
189		M041~f	S	PROTO-ELAMITE SIGN M41-F
190		M041~g	S	PROTO-ELAMITE SIGN M41-G

#	Sign	CDLI Name	Type	Unicode Character Name
191		M041~j	S	PROTO-ELAMITE SIGN M41-J
192		M043	S	PROTO-ELAMITE SIGN M43
193		M043~a	S	PROTO-ELAMITE SIGN M43-A
194		M044	S	PROTO-ELAMITE SIGN M44
195		M044~a	S	PROTO-ELAMITE SIGN M44-A
196		M044~b	S	PROTO-ELAMITE SIGN M44-B
197		M044~m	S	PROTO-ELAMITE SIGN M44-M
198		M045~b	S	PROTO-ELAMITE SIGN M45-B
199		M046	S	PROTO-ELAMITE SIGN M46
200		M046~1 → Possible alternate of M046	S	PROTO-ELAMITE SIGN M46-1
201		M046~a	S	PROTO-ELAMITE SIGN M46-A
202		M047	S	PROTO-ELAMITE SIGN M47
203		M048~c	S	PROTO-ELAMITE SIGN M48-C
204		M048~d	S	PROTO-ELAMITE SIGN M48-D
205		M048~e	S	PROTO-ELAMITE SIGN M48-E
206		M048~g	S	PROTO-ELAMITE SIGN M48-G
207		M048~i	S	PROTO-ELAMITE SIGN M48-I
208		M048~k	S	PROTO-ELAMITE SIGN M48-K
209		M049~b	S	PROTO-ELAMITE SIGN M49-B

#	Sign	CDLI Name	Type	Unicode Character Name
210		M049~c	S	PROTO-ELAMITE SIGN M49-C
211		M049~c1 → Possible alternate of M049~c	S	PROTO-ELAMITE SIGN M49-C1
212		M049~d	S	PROTO-ELAMITE SIGN M49-D
213		M049~da	S	PROTO-ELAMITE SIGN M49-DA
214		M049~e	S	PROTO-ELAMITE SIGN M49-E
215		M049~m	S	PROTO-ELAMITE SIGN M49-M
216		M049~n	S	PROTO-ELAMITE SIGN M49-N
217		M050~f	S	PROTO-ELAMITE SIGN M50-F
218		M050~k	S	PROTO-ELAMITE SIGN M50-K
219		M050~k1 → Possible alternate of M050~k	S	PROTO-ELAMITE SIGN M50-K1
220		M050~k2 → Possible alternate of M050~k	S	PROTO-ELAMITE SIGN M50-K2
221		M050~k3 → Possible alternate of M050~k	S	PROTO-ELAMITE SIGN M50-K3
222		M050~k4 → Possible alternate of M050~k	S	PROTO-ELAMITE SIGN M50-K4
223		M050~m	S	PROTO-ELAMITE SIGN M50-M
224		M050~n	S	PROTO-ELAMITE SIGN M50-N
225		M050~p	S	PROTO-ELAMITE SIGN M50-P
226		M050~q	S	PROTO-ELAMITE SIGN M50-Q

#	Sign	CDLI Name	Type	Unicode Character Name
227		M051~a	S	PROTO-ELAMITE SIGN M51-A
228		M051~b	S	PROTO-ELAMITE SIGN M51-B
229		M051~c	S	PROTO-ELAMITE SIGN M51-C
230		M052~a	S	PROTO-ELAMITE SIGN M52-A
231		M052~b	S	PROTO-ELAMITE SIGN M52-B
232		M053~a	S	PROTO-ELAMITE SIGN M53-A
233		M053~b	S	PROTO-ELAMITE SIGN M53-B
234		M054	S	PROTO-ELAMITE SIGN M54
235		M054+M365+M054~i	CG	PROTO-ELAMITE SIGN M54 AND M365 AND M54-I
236		M054+M384~i+M054~i	CG	PROTO-ELAMITE SIGN M54 AND M384-I AND M54-I
237		M054+M393~f+M054~i	CG	PROTO-ELAMITE SIGN M54 AND M393-F AND M54-I
238		M054~b	S	PROTO-ELAMITE SIGN M54-B
239		M054~c	S	PROTO-ELAMITE SIGN M54-C
240		M054~i	S	PROTO-ELAMITE SIGN M54-I
241		M056	S	PROTO-ELAMITE SIGN M56
242		M056~e	S	PROTO-ELAMITE SIGN M56-E
243		M056~f	S	PROTO-ELAMITE SIGN M56-F
244		M056~g	S	PROTO-ELAMITE SIGN M56-G
245		M056~n	S	PROTO-ELAMITE SIGN M56-N
246		M057	S	PROTO-ELAMITE SIGN M57

#	Sign	CDLI Name	Type	Unicode Character Name
247		M057+M291	CG	PROTO-ELAMITE SIGN M57 AND M291
248		M057~a	S	PROTO-ELAMITE SIGN M57-A
249		M057~a1 → Possible alternate of M057~a	S	PROTO-ELAMITE SIGN M57-A1
250		M057~a2 → Possible alternate of M057~a	S	PROTO-ELAMITE SIGN M57-A2
251		M057~a4 → Possible alternate of M057~a	S	PROTO-ELAMITE SIGN M57-A4
252		M057~b	S	PROTO-ELAMITE SIGN M57-B
253		M057~b1 → Possible alternate of M057~b	S	PROTO-ELAMITE SIGN M57-B1
254		M057~d	S	PROTO-ELAMITE SIGN M57-D
255		M057~e	S	PROTO-ELAMITE SIGN M57-E
256		M057~f	S	PROTO-ELAMITE SIGN M57-F
257		M057~i	S	PROTO-ELAMITE SIGN M57-I
258		M057~n	S	PROTO-ELAMITE SIGN M57-N
259		M058	S	PROTO-ELAMITE SIGN M58
260		M058~b	S	PROTO-ELAMITE SIGN M58-B
261		M059	S	PROTO-ELAMITE SIGN M59
262		M059+M038~a	CG	PROTO-ELAMITE SIGN M59 AND M38-A
263		M059~a	S	PROTO-ELAMITE SIGN M59-A
264		M059~b	S	PROTO-ELAMITE SIGN M59-B

#	Sign	CDLI Name	Type	Unicode Character Name
265		M059~d	S	PROTO-ELAMITE SIGN M59-D
266		M059~f	S	PROTO-ELAMITE SIGN M59-F
267		M059~f1 → Possible alternate of M059~f	S	PROTO-ELAMITE SIGN M59-F1
268		M059~g	S	PROTO-ELAMITE SIGN M59-G
269		M061	S	PROTO-ELAMITE SIGN M61
270		M061~a	S	PROTO-ELAMITE SIGN M61-A
271		M061~b	S	PROTO-ELAMITE SIGN M61-B
272		M062	S	PROTO-ELAMITE SIGN M62
273		M062~b	S	PROTO-ELAMITE SIGN M62-B
274		M063	S	PROTO-ELAMITE SIGN M63
275		M063~a	S	PROTO-ELAMITE SIGN M63-A
276		M064	S	PROTO-ELAMITE SIGN M64
277		M064~a	S	PROTO-ELAMITE SIGN M64-A
278		M064~d	S	PROTO-ELAMITE SIGN M64-D
279		M066	S	PROTO-ELAMITE SIGN M66
280		M066~a	S	PROTO-ELAMITE SIGN M66-A
281		M066~a1 → Possible alternate of M066~a	S	PROTO-ELAMITE SIGN M66-A1
282		M066~a2 → Possible alternate of M066~a	S	PROTO-ELAMITE SIGN M66-A2

#	Sign	CDLI Name	Type	Unicode Character Name
283		M066~g	S	PROTO-ELAMITE SIGN M66-G
284		M066~h	S	PROTO-ELAMITE SIGN M66-H
285		M068~a	S	PROTO-ELAMITE SIGN M68-A
286		M068~b	S	PROTO-ELAMITE SIGN M68-B
287		M068~c	S	PROTO-ELAMITE SIGN M68-C
288		M069~a	S	PROTO-ELAMITE SIGN M69-A
289		M069~ab	S	PROTO-ELAMITE SIGN M69-AB
290		M069~ad	S	PROTO-ELAMITE SIGN M69-AD
291		M069~b	S	PROTO-ELAMITE SIGN M69-B
292		M069~g	S	PROTO-ELAMITE SIGN M69-G
293		M071~a	S	PROTO-ELAMITE SIGN M71-A
294		M071~d	S	PROTO-ELAMITE SIGN M71-D
295		M072	S	PROTO-ELAMITE SIGN M72
296		M072~a	S	PROTO-ELAMITE SIGN M72-A
297		M073~a	S	PROTO-ELAMITE SIGN M73-A
298		M073~b	S	PROTO-ELAMITE SIGN M73-B
299		M073~b1	S	PROTO-ELAMITE SIGN M73-B1
		→ Possible alternate of M073~b		
300		M073~c	S	PROTO-ELAMITE SIGN M73-C
301		M073~d	S	PROTO-ELAMITE SIGN M73-D

#	Sign	CDLI Name	Type	Unicode Character Name
302		M074~a	S	PROTO-ELAMITE SIGN M74-A
303		M074~b	S	PROTO-ELAMITE SIGN M74-B
304		M074~d	S	PROTO-ELAMITE SIGN M74-D
305		M074~f	S	PROTO-ELAMITE SIGN M74-F
306		M074~g	S	PROTO-ELAMITE SIGN M74-G
307		M075~a	S	PROTO-ELAMITE SIGN M75-A
308		M075~ab	S	PROTO-ELAMITE SIGN M75-AB
309		M075~e	S	PROTO-ELAMITE SIGN M75-E
310		M075~ff	S	PROTO-ELAMITE SIGN M75-FF
311		M075~g	S	PROTO-ELAMITE SIGN M75-G
312		M075~ga	S	PROTO-ELAMITE SIGN M75-GA
313		M075~h	S	PROTO-ELAMITE SIGN M75-H
314		M075~k	S	PROTO-ELAMITE SIGN M75-K
315		M075~m	S	PROTO-ELAMITE SIGN M75-M
316		M075~o	S	PROTO-ELAMITE SIGN M75-O
317		M075~o1	S	PROTO-ELAMITE SIGN M75-O1
	→ Possible alternate of M075~o			
318		M075~o2	S	PROTO-ELAMITE SIGN M75-O2
	→ Possible alternate of M075~o			
319		M075~r	S	PROTO-ELAMITE SIGN M75-R
320		M075~s	S	PROTO-ELAMITE SIGN M75-S

#	Sign	CDLI Name	Type	Unicode Character Name
321		M076~a	S	PROTO-ELAMITE SIGN M76-A
322		M076~c	S	PROTO-ELAMITE SIGN M76-C
323		M076~d	S	PROTO-ELAMITE SIGN M76-D
324		M076~e	S	PROTO-ELAMITE SIGN M76-E
325		M077	S	PROTO-ELAMITE SIGN M77
326		M080~a	S	PROTO-ELAMITE SIGN M80-A
327		M080~b	S	PROTO-ELAMITE SIGN M80-B
328		M080~c	S	PROTO-ELAMITE SIGN M80-C
329		M080~ca	S	PROTO-ELAMITE SIGN M80-CA
330		M080~d	S	PROTO-ELAMITE SIGN M80-D
331		M080~f	S	PROTO-ELAMITE SIGN M80-F
332		M081	S	PROTO-ELAMITE SIGN M81
333		M081~1 → Possible alternate of M081	S	PROTO-ELAMITE SIGN M81-1
334		M084	S	PROTO-ELAMITE SIGN M84
335		M085	S	PROTO-ELAMITE SIGN M85
336		M086	S	PROTO-ELAMITE SIGN M86
337		M087	S	PROTO-ELAMITE SIGN M87
338		M087~b	S	PROTO-ELAMITE SIGN M87-B
339		M088	S	PROTO-ELAMITE SIGN M88

#	Sign	CDLI Name	Type	Unicode Character Name
340		M089	S	PROTO-ELAMITE SIGN M89
341		M090	S	PROTO-ELAMITE SIGN M90
342		M091~a	S	PROTO-ELAMITE SIGN M91-A
343		M092	S	PROTO-ELAMITE SIGN M92
344		M093	S	PROTO-ELAMITE SIGN M93
345		M093~a	S	PROTO-ELAMITE SIGN M93-A
346		M094~e	S	PROTO-ELAMITE SIGN M94-E
347		M094~i	S	PROTO-ELAMITE SIGN M94-I
348		M096	S	PROTO-ELAMITE SIGN M96
349		M096~1	S	PROTO-ELAMITE SIGN M96-1 → Possible alternate of M096
350		M096~2	S	PROTO-ELAMITE SIGN M96-2 → Possible alternate of M096
351		M096~3	S	PROTO-ELAMITE SIGN M96-3 → Possible alternate of M096
352		M096+M029	CG	PROTO-ELAMITE SIGN M96 AND M29
353		M096+M139	CG	PROTO-ELAMITE SIGN M96 AND M139
354		M096~c	S	PROTO-ELAMITE SIGN M96-C
355		M096~d	S	PROTO-ELAMITE SIGN M96-D
356		M097~f	S	PROTO-ELAMITE SIGN M97-F
357		M097~h	S	PROTO-ELAMITE SIGN M97-H

#	Sign	CDLI Name	Type	Unicode Character Name
358		M098	S	PROTO-ELAMITE SIGN M98
359		M099	S	PROTO-ELAMITE SIGN M99
360		M099~a	S	PROTO-ELAMITE SIGN M99-A
361		M099~b	S	PROTO-ELAMITE SIGN M99-B
362		M101	S	PROTO-ELAMITE SIGN M101
363		M101~b	S	PROTO-ELAMITE SIGN M101-B
364		M102~a	S	PROTO-ELAMITE SIGN M102-A
365		M102~c	S	PROTO-ELAMITE SIGN M102-C
366		M102~d	S	PROTO-ELAMITE SIGN M102-D
367		M102~d1	S	PROTO-ELAMITE SIGN M102-D1
		→ Possible alternate of M102~d		
368		M102~da	S	PROTO-ELAMITE SIGN M102-DA
369		M102~e	S	PROTO-ELAMITE SIGN M102-E
370		M102~e(2)	S	PROTO-ELAMITE SIGN M102-E2
371		M102~k	S	PROTO-ELAMITE SIGN M102-K
372		M102~k1	S	PROTO-ELAMITE SIGN M102-K1
		→ Possible alternate of M102~k		
373		M102~k2	S	PROTO-ELAMITE SIGN M102-K2
		→ Possible alternate of M102~k		
374		M102~l	S	PROTO-ELAMITE SIGN M102-L
375		M102~m	S	PROTO-ELAMITE SIGN M102-M

#	Sign	CDLI Name	Type	Unicode Character Name
376		M103	S	PROTO-ELAMITE SIGN M103
377		M103~1 → Possible alternate of M103	S	PROTO-ELAMITE SIGN M103-1
378		M103~2 → Possible alternate of M103	S	PROTO-ELAMITE SIGN M103-2
379		M103~3 → Possible alternate of M103	S	PROTO-ELAMITE SIGN M103-3
380		M103~d	S	PROTO-ELAMITE SIGN M103-D
381		M104	S	PROTO-ELAMITE SIGN M104
382		M105	S	PROTO-ELAMITE SIGN M105
383		M105~a	S	PROTO-ELAMITE SIGN M105-A
384		M105~ab	S	PROTO-ELAMITE SIGN M105-AB
385		M105~b	S	PROTO-ELAMITE SIGN M105-B
386		M105~e	S	PROTO-ELAMITE SIGN M105-E
387		M105~g	S	PROTO-ELAMITE SIGN M105-G
388		M106	S	PROTO-ELAMITE SIGN M106
389		M106~1 → Possible alternate of M106	S	PROTO-ELAMITE SIGN M106-1
390		M106+M096~c	CG	PROTO-ELAMITE SIGN M106 AND M96-C
391		M106+M288	CG	PROTO-ELAMITE SIGN M106 AND M288
392		M106+M288~1 → Possible alternate of M106+M288	CG	PROTO-ELAMITE SIGN M106 AND M288-1

#	Sign	CDLI Name	Type	Unicode Character Name
→ M288~1 is not separately enumerated in sign lists				
393		M106~a	S	PROTO-ELAMITE SIGN M106-A
394		M106~b	S	PROTO-ELAMITE SIGN M106-B
395		M107~a	S	PROTO-ELAMITE SIGN M107-A
396		M109	S	PROTO-ELAMITE SIGN M109
397		M110	S	PROTO-ELAMITE SIGN M110
398		M110~a	S	PROTO-ELAMITE SIGN M110-A
→ Possible alternate of M110~a				
399		M110~b	S	PROTO-ELAMITE SIGN M110-B
→ Possible alternate of M110~b				
400		M110~c	S	PROTO-ELAMITE SIGN M110-C
401		M111	S	PROTO-ELAMITE SIGN M111
402		M111~a	S	PROTO-ELAMITE SIGN M111-A
403		M111~b	S	PROTO-ELAMITE SIGN M111-B
404		M111~c	S	PROTO-ELAMITE SIGN M111-C
405		M111~d	S	PROTO-ELAMITE SIGN M111-D
406		M111~e	S	PROTO-ELAMITE SIGN M111-E
407		M111~f	S	PROTO-ELAMITE SIGN M111-F
408		M111~g	S	PROTO-ELAMITE SIGN M111-G
409		M111~h	S	PROTO-ELAMITE SIGN M111-H
410		M111~i	S	PROTO-ELAMITE SIGN M111-I

#	Sign	CDLI Name	Type	Unicode Character Name
411		M111~j1	S	PROTO-ELAMITE SIGN M111-J1
		→ Possible alternate of M111~j		
		→ Main form M111~j is not separately listed		
412		M111~j2	S	PROTO-ELAMITE SIGN M111-J2
		→ Possible alternate of M111~j		
		→ Main form M111~j is not separately listed		
413		M111~l	S	PROTO-ELAMITE SIGN M111-L
414		M111~m	S	PROTO-ELAMITE SIGN M111-M
415		M111~n	S	PROTO-ELAMITE SIGN M111-N
416		M111~o	S	PROTO-ELAMITE SIGN M111-O
417		M111~o1	S	PROTO-ELAMITE SIGN M111-O1
		→ Possible alternate of M111~o		
418		M111~p	S	PROTO-ELAMITE SIGN M111-P
419		M112	S	PROTO-ELAMITE SIGN M112
420		M112~1	S	PROTO-ELAMITE SIGN M112-1
		→ Possible alternate of M112		
421		M112~a	S	PROTO-ELAMITE SIGN M112-A
422		M112~aa	S	PROTO-ELAMITE SIGN M112-AA
423		M112~b	S	PROTO-ELAMITE SIGN M112-B
424		M112~c	S	PROTO-ELAMITE SIGN M112-C
425		M112~d	S	PROTO-ELAMITE SIGN M112-D
426		M112~e	S	PROTO-ELAMITE SIGN M112-E

#	Sign	CDLI Name	Type	Unicode Character Name
427		M112~e1 → Possible alternate of M112~e	S	PROTO-ELAMITE SIGN M112-E1
428		M112~f	S	PROTO-ELAMITE SIGN M112-F
429		M112~i	S	PROTO-ELAMITE SIGN M112-I
430		M112~n	S	PROTO-ELAMITE SIGN M112-N
431		M112~o	S	PROTO-ELAMITE SIGN M112-O
432		M112~p	S	PROTO-ELAMITE SIGN M112-P
433		M112~q	S	PROTO-ELAMITE SIGN M112-Q
434		M112~r	S	PROTO-ELAMITE SIGN M112-R
435		M114	S	PROTO-ELAMITE SIGN M114
436		M115	S	PROTO-ELAMITE SIGN M115
437		M115~a	S	PROTO-ELAMITE SIGN M115-A
438		M115~b	S	PROTO-ELAMITE SIGN M115-B
439		M117	S	PROTO-ELAMITE SIGN M117
440		M120	S	PROTO-ELAMITE SIGN M120
441		M122	S	PROTO-ELAMITE SIGN M122
442		M122~1 → Possible alternate of M122	S	PROTO-ELAMITE SIGN M122-1
443		M122~2 → Possible alternate of M122	S	PROTO-ELAMITE SIGN M122-2
444		M122~3 → Possible alternate of M122	S	PROTO-ELAMITE SIGN M122-3

#	Sign	CDLI Name	Type	Unicode Character Name
445		M122~4	S	PROTO-ELAMITE SIGN M122-4 → Possible alternate of M122
446		M122~5	S	PROTO-ELAMITE SIGN M122-5 → Possible alternate of M122
447		M122~6	S	PROTO-ELAMITE SIGN M122-6 → Possible alternate of M122
448		M123~b	S	PROTO-ELAMITE SIGN M123-B
449		M123~ca	S	PROTO-ELAMITE SIGN M123-CA
450		M123~d	S	PROTO-ELAMITE SIGN M123-D
451		M124	S	PROTO-ELAMITE SIGN M124
452		M124~a	S	PROTO-ELAMITE SIGN M124-A
453		M124~b	S	PROTO-ELAMITE SIGN M124-B
454		M124~c	S	PROTO-ELAMITE SIGN M124-C
455		M125	S	PROTO-ELAMITE SIGN M125
456		M125~a	S	PROTO-ELAMITE SIGN M125-A
457		M125~b	S	PROTO-ELAMITE SIGN M125-B
458		M126	S	PROTO-ELAMITE SIGN M126
459		M127+M127	CG	PROTO-ELAMITE SIGN M127 AND M127 → M127 is not separately enumerated in sign lists
460		M128	S	PROTO-ELAMITE SIGN M128
461		M128~1	S	PROTO-ELAMITE SIGN M128-1 → Possible alternate of M128

#	Sign	CDLI Name	Type	Unicode Character Name
462		M128~ca	S	PROTO-ELAMITE SIGN M128-CA
463		M128~d	S	PROTO-ELAMITE SIGN M128-D
464		M128~da	S	PROTO-ELAMITE SIGN M128-DA
465		M128~da1 → Possible alternate of M128~da	S	PROTO-ELAMITE SIGN M128-DA1
466		M128~db	S	PROTO-ELAMITE SIGN M128-DB
467		M128~dc	S	PROTO-ELAMITE SIGN M128-DC
468		M128~dd	S	PROTO-ELAMITE SIGN M128-DD
469		M128~de	S	PROTO-ELAMITE SIGN M128-DE
470		M128~e	S	PROTO-ELAMITE SIGN M128-E
471		M128~ef	S	PROTO-ELAMITE SIGN M128-EF
472		M129	S	PROTO-ELAMITE SIGN M129
473		M129~b	S	PROTO-ELAMITE SIGN M129-B
474		M130~b	S	PROTO-ELAMITE SIGN M130-B
475		M131	S	PROTO-ELAMITE SIGN M131
476		M131+M388	CG	PROTO-ELAMITE SIGN M131 AND M388
477		M131~a	S	PROTO-ELAMITE SIGN M131-A
478		M131~d	S	PROTO-ELAMITE SIGN M131-D
479		M131~e	S	PROTO-ELAMITE SIGN M131-E
480		M131~f	S	PROTO-ELAMITE SIGN M131-F

#	Sign	CDLI Name	Type	Unicode Character Name
481		M131~g	S	PROTO-ELAMITE SIGN M131-G
482		M131~h	S	PROTO-ELAMITE SIGN M131-H
483		M131~ia	S	PROTO-ELAMITE SIGN M131-IA
484		M131~k	S	PROTO-ELAMITE SIGN M131-K
485		M131~k1 → Possible alternate of M131~k	S	PROTO-ELAMITE SIGN M131-K1
486		M134	S	PROTO-ELAMITE SIGN M134
487		M134~a	S	PROTO-ELAMITE SIGN M134-A
488		M134~b	S	PROTO-ELAMITE SIGN M134-B
489		M134~ba	S	PROTO-ELAMITE SIGN M134-BA
490		M134~c	S	PROTO-ELAMITE SIGN M134-C
491		M134~d	S	PROTO-ELAMITE SIGN M134-D
492		M134~e	S	PROTO-ELAMITE SIGN M134-E
493		M134~f	S	PROTO-ELAMITE SIGN M134-F
494		M134~g	S	PROTO-ELAMITE SIGN M134-G
495		M135	S	PROTO-ELAMITE SIGN M135
496		M136	S	PROTO-ELAMITE SIGN M136
497		M136+M071~a	CG	PROTO-ELAMITE SIGN M136 AND M71-A
498		M136+M353	CG	PROTO-ELAMITE SIGN M136 AND M353
499		M136+M365	CG	PROTO-ELAMITE SIGN M136 AND M365

#	Sign	CDLI Name	Type	Unicode Character Name
500		M136+M387	CG	PROTO-ELAMITE SIGN M136 AND M387
501		M136+MXXX	CG	PROTO-ELAMITE SIGN M136 AND MXXX
502		M136~a	S	PROTO-ELAMITE SIGN M136-A
503		M136~b	S	PROTO-ELAMITE SIGN M136-B
504		M136~c	S	PROTO-ELAMITE SIGN M136-C
505		M136~d	S	PROTO-ELAMITE SIGN M136-D
506		M136~e	S	PROTO-ELAMITE SIGN M136-E
507		M136~f	S	PROTO-ELAMITE SIGN M136-F
508		M136~g	S	PROTO-ELAMITE SIGN M136-G
509		M136~h	S	PROTO-ELAMITE SIGN M136-H
510		M136~i	S	PROTO-ELAMITE SIGN M136-I
511		M136~j	S	PROTO-ELAMITE SIGN M136-J
512		M136~k	S	PROTO-ELAMITE SIGN M136-K
513		M136~l	S	PROTO-ELAMITE SIGN M136-L
514		M136~m	S	PROTO-ELAMITE SIGN M136-M
515		M136~n	S	PROTO-ELAMITE SIGN M136-N
516		M136~o	S	PROTO-ELAMITE SIGN M136-O
517		M136~p	S	PROTO-ELAMITE SIGN M136-P
518		M136~q	S	PROTO-ELAMITE SIGN M136-Q
519		M136~r	S	PROTO-ELAMITE SIGN M136-R

#	Sign	CDLI Name	Type	Unicode Character Name
520		M136~s	S	PROTO-ELAMITE SIGN M136-S
521		M136~t	S	PROTO-ELAMITE SIGN M136-T
522		M136~u	S	PROTO-ELAMITE SIGN M136-U
523		M136~w	S	PROTO-ELAMITE SIGN M136-W
524		M139	S	PROTO-ELAMITE SIGN M139
525		M139~a1	S	PROTO-ELAMITE SIGN M139-A1 → Possible alternate of M139~a → Main form M139~a is not separately listed
526		M139~a2	S	PROTO-ELAMITE SIGN M139-A2 → Possible alternate of M139~a → Main form M139~a is not separately listed
527		M140~a	S	PROTO-ELAMITE SIGN M140-A
528		M141	S	PROTO-ELAMITE SIGN M141
529		M141~a	S	PROTO-ELAMITE SIGN M141-A
530		M141~b	S	PROTO-ELAMITE SIGN M141-B
531		M142	S	PROTO-ELAMITE SIGN M142
532		M143	S	PROTO-ELAMITE SIGN M143
533		M143~a	S	PROTO-ELAMITE SIGN M143-A
534		M143~d	S	PROTO-ELAMITE SIGN M143-D
535		M144	S	PROTO-ELAMITE SIGN M144
536		M144~a	S	PROTO-ELAMITE SIGN M144-A
537		M145	S	PROTO-ELAMITE SIGN M145

#	Sign	CDLI Name	Type	Unicode Character Name
538		M145~a	S	PROTO-ELAMITE SIGN M145-A
539		M145~b	S	PROTO-ELAMITE SIGN M145-B
540		M145~bb	S	PROTO-ELAMITE SIGN M145-BB
541		M145~c	S	PROTO-ELAMITE SIGN M145-C
542		M145~d	S	PROTO-ELAMITE SIGN M145-D
543		M145~e	S	PROTO-ELAMITE SIGN M145-E
544		M145~f	S	PROTO-ELAMITE SIGN M145-F
545		M145~n	S	PROTO-ELAMITE SIGN M145-N
546		M146	S	PROTO-ELAMITE SIGN M146
547		M146~0 → Possible alternate of M146	S	PROTO-ELAMITE SIGN M146-0
548		M146~1 → Possible alternate of M146	S	PROTO-ELAMITE SIGN M146-1
549		M146~2 → Possible alternate of M146	S	PROTO-ELAMITE SIGN M146-2
550		M146~3 → Possible alternate of M146	S	PROTO-ELAMITE SIGN M146-3
551		M146~4 → Possible alternate of M146	S	PROTO-ELAMITE SIGN M146-4
552		M146~d	S	PROTO-ELAMITE SIGN M146-D
553		M146~e	S	PROTO-ELAMITE SIGN M146-E
554		M146~f	S	PROTO-ELAMITE SIGN M146-F

#	Sign	CDLI Name	Type	Unicode Character Name
555		M147	S	PROTO-ELAMITE SIGN M147
556		M147~a	S	PROTO-ELAMITE SIGN M147-A
557		M147~b	S	PROTO-ELAMITE SIGN M147-B
558		M147~d	S	PROTO-ELAMITE SIGN M147-D
559		M147~e	S	PROTO-ELAMITE SIGN M147-E
560		M149~a	S	PROTO-ELAMITE SIGN M149-A
561		M149~a1 → Possible alternate of M149~a	S	PROTO-ELAMITE SIGN M149-A1
562		M149~a2 → Possible alternate of M149~a	S	PROTO-ELAMITE SIGN M149-A2
563		M149~a3 → Possible alternate of M149~a	S	PROTO-ELAMITE SIGN M149-A3
564		M149~c	S	PROTO-ELAMITE SIGN M149-C
565		M149~d	S	PROTO-ELAMITE SIGN M149-D
566		M149~g	S	PROTO-ELAMITE SIGN M149-G
567		M149~h	S	PROTO-ELAMITE SIGN M149-H
568		M150	S	PROTO-ELAMITE SIGN M150
569		M150~a	S	PROTO-ELAMITE SIGN M150-A
570		M151	S	PROTO-ELAMITE SIGN M151
571		M151~a	S	PROTO-ELAMITE SIGN M151-A
572		M151~b	S	PROTO-ELAMITE SIGN M151-B

#	Sign	CDLI Name	Type	Unicode Character Name
573		M151~c	S	PROTO-ELAMITE SIGN M151-C
574		M151~d	S	PROTO-ELAMITE SIGN M151-D
575		M151~e	S	PROTO-ELAMITE SIGN M151-E
576		M151~f	S	PROTO-ELAMITE SIGN M151-F
577		M152	S	PROTO-ELAMITE SIGN M152
578		M152~d	S	PROTO-ELAMITE SIGN M152-D
579		M152~e	S	PROTO-ELAMITE SIGN M152-E
580		M152~f	S	PROTO-ELAMITE SIGN M152-F
581		M152~g	S	PROTO-ELAMITE SIGN M152-G
582		M153	S	PROTO-ELAMITE SIGN M153
583		M153+M006~a	CG	PROTO-ELAMITE SIGN M153 AND M6-A → M006~a is not separately enumerated in sign lists
584		M153+M029	CG	PROTO-ELAMITE SIGN M153 AND M29
585		M153+M106	CG	PROTO-ELAMITE SIGN M153 AND M106
586		M153+M106~a	CG	PROTO-ELAMITE SIGN M153 AND M106-A
587		M153+M205~c	CG	PROTO-ELAMITE SIGN M153 AND M205-C
588		M153+M320+M153	CG	PROTO-ELAMITE SIGN M153 AND M320 AND M153
589		M153+M342	CG	PROTO-ELAMITE SIGN M153 AND M342
590		M153+M377~e+M153	CG	PROTO-ELAMITE SIGN M153 AND M377-E AND M153
591		M154~b	S	PROTO-ELAMITE SIGN M154-B

#	Sign	CDLI Name	Type	Unicode Character Name
592		M154~s	S	PROTO-ELAMITE SIGN M154-S
593		M155	S	PROTO-ELAMITE SIGN M155
594		M155~f	S	PROTO-ELAMITE SIGN M155-F
595		M156	S	PROTO-ELAMITE SIGN M156
596		M157	S	PROTO-ELAMITE SIGN M157
597		M157+M029	CG	PROTO-ELAMITE SIGN M157 AND M29
598		M157+M057	CG	PROTO-ELAMITE SIGN M157 AND M57
599		M157+M059	CG	PROTO-ELAMITE SIGN M157 AND M59
600		M157+M080~c	CG	PROTO-ELAMITE SIGN M157 AND M80-C
601		M157+M111~f	CG	PROTO-ELAMITE SIGN M157 AND M111-F
602		M157+M111~i	CG	PROTO-ELAMITE SIGN M157 AND M111-I
603		M157+M131	CG	PROTO-ELAMITE SIGN M157 AND M131
604		M157+M131~d	CG	PROTO-ELAMITE SIGN M157 AND M131-D
605		M157+M136	CG	PROTO-ELAMITE SIGN M157 AND M136
606		M157+M153	CG	PROTO-ELAMITE SIGN M157 AND M153
607		M157+M288	CG	PROTO-ELAMITE SIGN M157 AND M288
608		M157+M340	CG	PROTO-ELAMITE SIGN M157 AND M340
609		M157+M348	CG	PROTO-ELAMITE SIGN M157 AND M348
610		M157+M377~e+M377~e	CG	PROTO-ELAMITE SIGN M157 AND M377-E AND M377-E
611		M157+M381	CG	PROTO-ELAMITE SIGN M157 AND M381

#	Sign	CDLI Name	Type	Unicode Character Name
612		M157~a	S	PROTO-ELAMITE SIGN M157-A
613		M157~a+M066	CG	PROTO-ELAMITE SIGN M157-A AND M66
614		M157~a+M080~c	CG	PROTO-ELAMITE SIGN M157-A AND M80-C
615		M157~a+M131	CG	PROTO-ELAMITE SIGN M157-A AND M131
616		M157~a+M131~a	CG	PROTO-ELAMITE SIGN M157-A AND M131-A
617		M157~a+M131~d	CG	PROTO-ELAMITE SIGN M157-A AND M131-D
618		M157~a+M342	CG	PROTO-ELAMITE SIGN M157-A AND M342
619		M157~a+M348	CG	PROTO-ELAMITE SIGN M157-A AND M348
620		M157~a+M367	CG	PROTO-ELAMITE SIGN M157-A AND M367
621		M158	S	PROTO-ELAMITE SIGN M158
622		M158~b	S	PROTO-ELAMITE SIGN M158-B
623		M158~c	S	PROTO-ELAMITE SIGN M158-C
624		M158~d	S	PROTO-ELAMITE SIGN M158-D
625		M158~e	S	PROTO-ELAMITE SIGN M158-E
626		M158~h	S	PROTO-ELAMITE SIGN M158-H
627		M159	S	PROTO-ELAMITE SIGN M159
628		M165	S	PROTO-ELAMITE SIGN M165
629		M167~a	S	PROTO-ELAMITE SIGN M167-A
630		M167~a+M131~k	CG	PROTO-ELAMITE SIGN M167-A AND M131-K
631		M172	S	PROTO-ELAMITE SIGN M172

#	Sign	CDLI Name	Type	Unicode Character Name
632		M173	S	PROTO-ELAMITE SIGN M173
633		M175	S	PROTO-ELAMITE SIGN M175
634		M175+M038~a	CG	PROTO-ELAMITE SIGN M175 AND M38-A
635		M175+M131	CG	PROTO-ELAMITE SIGN M175 AND M131
636		M175+M131~d	CG	PROTO-ELAMITE SIGN M175 AND M131-D
637		M175+M136	CG	PROTO-ELAMITE SIGN M175 AND M136
638		M175+M136~n	CG	PROTO-ELAMITE SIGN M175 AND M136-N
639		M175+M153	CG	PROTO-ELAMITE SIGN M175 AND M153
640		M175+M157	CG	PROTO-ELAMITE SIGN M175 AND M157
641		M175+M175	CG	PROTO-ELAMITE SIGN M175 AND M175
642		M175+M203~a	CG	PROTO-ELAMITE SIGN M175 AND M203-A
643		M175+M286	CG	PROTO-ELAMITE SIGN M175 AND M286
644		M175+M288	CG	PROTO-ELAMITE SIGN M175 AND M288
645		M175+M325~d	CG	PROTO-ELAMITE SIGN M175 AND M325-D
646		M175+M376	CG	PROTO-ELAMITE SIGN M175 AND M376
647		M175+M377+M377	CG	PROTO-ELAMITE SIGN M175 AND M377 AND M377
648		M175+M380	CG	PROTO-ELAMITE SIGN M175 AND M380
649		M175+M381	CG	PROTO-ELAMITE SIGN M175 AND M381
650		M175+M387~c	CG	PROTO-ELAMITE SIGN M175 AND M387-C
651		M175+M388	CG	PROTO-ELAMITE SIGN M175 AND M388

#	Sign	CDLI Name	Type	Unicode Character Name
652		M175~b	S	PROTO-ELAMITE SIGN M175-B
653		M176	S	PROTO-ELAMITE SIGN M176
654		M176~b	S	PROTO-ELAMITE SIGN M176-B
655		M177	S	PROTO-ELAMITE SIGN M177
656		M177~a	S	PROTO-ELAMITE SIGN M177-A
657		M180	S	PROTO-ELAMITE SIGN M180
658		M180~a	S	PROTO-ELAMITE SIGN M180-A
659		M180~b	S	PROTO-ELAMITE SIGN M180-B
660		M180~c	S	PROTO-ELAMITE SIGN M180-C
661		M184~b	S	PROTO-ELAMITE SIGN M184-B
662		M184~e	S	PROTO-ELAMITE SIGN M184-E
663		M188~e	S	PROTO-ELAMITE SIGN M188-E
664		M188~f	S	PROTO-ELAMITE SIGN M188-F
665		M188~g	S	PROTO-ELAMITE SIGN M188-G
666		M193	S	PROTO-ELAMITE SIGN M193
667		M193~a	S	PROTO-ELAMITE SIGN M193-A
668		M193~aa	S	PROTO-ELAMITE SIGN M193-AA
669		M193~ca	S	PROTO-ELAMITE SIGN M193-CA
670		M193~e	S	PROTO-ELAMITE SIGN M193-E
671		M193~f	S	PROTO-ELAMITE SIGN M193-F

#	Sign	CDLI Name	Type	Unicode Character Name
672		M193~g	S	PROTO-ELAMITE SIGN M193-G
673		M193~m	S	PROTO-ELAMITE SIGN M193-M
674		M195	S	PROTO-ELAMITE SIGN M195
675		M195+M038	CG	PROTO-ELAMITE SIGN M195 AND M38 → M038 is not separately enumerated in sign lists
676		M195+M038~a	CG	PROTO-ELAMITE SIGN M195 AND M38-A
677		M195+M057	CG	PROTO-ELAMITE SIGN M195 AND M57
678		M195+M057~a4	CG	PROTO-ELAMITE SIGN M195 AND M57-A4 → Possible alternate of M195+M057~a → Main form M195+M057~a is not separately listed
679		M195~a	S	PROTO-ELAMITE SIGN M195-A
680		M195~b	S	PROTO-ELAMITE SIGN M195-B
681		M195~c	S	PROTO-ELAMITE SIGN M195-C
682		M195~c1	S	PROTO-ELAMITE SIGN M195-C1 → Possible alternate of M195~c
683		M195~m	S	PROTO-ELAMITE SIGN M195-M
684		M197	S	PROTO-ELAMITE SIGN M197
685		M200	S	PROTO-ELAMITE SIGN M200
686		M200~1	S	PROTO-ELAMITE SIGN M200-1 → Possible alternate of M200
687		M200~a	S	PROTO-ELAMITE SIGN M200-A
688		M201	S	PROTO-ELAMITE SIGN M201

#	Sign	CDLI Name	Type	Unicode Character Name
689		M201+M377	CG	PROTO-ELAMITE SIGN M201 AND M377
690		M201+M377+M377	CG	PROTO-ELAMITE SIGN M201 AND M377 AND M377
691		M203~a	S	PROTO-ELAMITE SIGN M203-A
692		M203~c	S	PROTO-ELAMITE SIGN M203-C
693		M203~d	S	PROTO-ELAMITE SIGN M203-D
694		M203~e	S	PROTO-ELAMITE SIGN M203-E
695		M204~g	S	PROTO-ELAMITE SIGN M204-G
696		M205	S	PROTO-ELAMITE SIGN M205
697		M205~a	S	PROTO-ELAMITE SIGN M205-A
698		M205~b	S	PROTO-ELAMITE SIGN M205-B
699		M205~c	S	PROTO-ELAMITE SIGN M205-C
700		M205~d	S	PROTO-ELAMITE SIGN M205-D
701		M205~g	S	PROTO-ELAMITE SIGN M205-G
702		M206~b	S	PROTO-ELAMITE SIGN M206-B
703		M206~d	S	PROTO-ELAMITE SIGN M206-D
704		M206~d1 → Possible alternate of M206~d	S	PROTO-ELAMITE SIGN M206-D1
705		M206~f	S	PROTO-ELAMITE SIGN M206-F
706		M206~fa	S	PROTO-ELAMITE SIGN M206-FA
707		M206~g	S	PROTO-ELAMITE SIGN M206-G

#	Sign	CDLI Name	Type	Unicode Character Name
708		M206~g1 → Possible alternate of M206~g	S	PROTO-ELAMITE SIGN M206-G1
709		M206~g2 → Possible alternate of M206~g	S	PROTO-ELAMITE SIGN M206-G2
710		M206~i	S	PROTO-ELAMITE SIGN M206-I
711		M206~j	S	PROTO-ELAMITE SIGN M206-J
712		M207	S	PROTO-ELAMITE SIGN M207
713		M207~a	S	PROTO-ELAMITE SIGN M207-A
714		M207~b	S	PROTO-ELAMITE SIGN M207-B
715		M207~c	S	PROTO-ELAMITE SIGN M207-C
716		M207~d	S	PROTO-ELAMITE SIGN M207-D
717		M207~e	S	PROTO-ELAMITE SIGN M207-E
718		M207~f	S	PROTO-ELAMITE SIGN M207-F
719		M207~h	S	PROTO-ELAMITE SIGN M207-H
720		M207~m	S	PROTO-ELAMITE SIGN M207-M
721		M207~ma	S	PROTO-ELAMITE SIGN M207-MA
722		M207~n	S	PROTO-ELAMITE SIGN M207-N
723		M208	S	PROTO-ELAMITE SIGN M208
724		M209~a	S	PROTO-ELAMITE SIGN M209-A
725		M209~b	S	PROTO-ELAMITE SIGN M209-B
726		M209~c	S	PROTO-ELAMITE SIGN M209-C

#	Sign	CDLI Name	Type	Unicode Character Name
727		M209~d	S	PROTO-ELAMITE SIGN M209-D
728		M209~d1 → Possible alternate of M209~d	S	PROTO-ELAMITE SIGN M209-D1
729		M210	S	PROTO-ELAMITE SIGN M210
730		M210~a	S	PROTO-ELAMITE SIGN M210-A
731		M210~b	S	PROTO-ELAMITE SIGN M210-B
732		M210~ba	S	PROTO-ELAMITE SIGN M210-BA
733		M210~c	S	PROTO-ELAMITE SIGN M210-C
734		M210~d	S	PROTO-ELAMITE SIGN M210-D
735		M210~e	S	PROTO-ELAMITE SIGN M210-E
736		M210~f	S	PROTO-ELAMITE SIGN M210-F
737		M210~g	S	PROTO-ELAMITE SIGN M210-G
738		M210~h	S	PROTO-ELAMITE SIGN M210-H
739		M210~m	S	PROTO-ELAMITE SIGN M210-M
740		M210~ma	S	PROTO-ELAMITE SIGN M210-MA
741		M213	S	PROTO-ELAMITE SIGN M213
742		M213~b	S	PROTO-ELAMITE SIGN M213-B
743		M214~a	S	PROTO-ELAMITE SIGN M214-A
744		M214~b	S	PROTO-ELAMITE SIGN M214-B
745		M214~c	S	PROTO-ELAMITE SIGN M214-C

#	Sign	CDLI Name	Type	Unicode Character Name
746		M214~d	S	PROTO-ELAMITE SIGN M214-D
747		M214~e	S	PROTO-ELAMITE SIGN M214-E
748		M214~h	S	PROTO-ELAMITE SIGN M214-H
749		M214~i	S	PROTO-ELAMITE SIGN M214-I
750		M215	S	PROTO-ELAMITE SIGN M215
751		M217	S	PROTO-ELAMITE SIGN M217
752		M217+M124	CG	PROTO-ELAMITE SIGN M217 AND M124
753		M217+M388	CG	PROTO-ELAMITE SIGN M217 AND M388
754		M217~a	S	PROTO-ELAMITE SIGN M217-A
755		M217~e	S	PROTO-ELAMITE SIGN M217-E
756		M217~ea	S	PROTO-ELAMITE SIGN M217-EA
757		M217~f	S	PROTO-ELAMITE SIGN M217-F
758		M217~h	S	PROTO-ELAMITE SIGN M217-H
759		M217~j	S	PROTO-ELAMITE SIGN M217-J
760		M217~m	S	PROTO-ELAMITE SIGN M217-M
761		M217~n	S	PROTO-ELAMITE SIGN M217-N
762		M218	S	PROTO-ELAMITE SIGN M218
763		M218~1	S	PROTO-ELAMITE SIGN M218-1 → Possible alternate of M218
764		M218~1+M288	CG	PROTO-ELAMITE SIGN M218-1 AND M288 → Possible alternate of M218+M288

#	Sign	CDLI Name	Type	Unicode Character Name
765		M218+M099	CG	PROTO-ELAMITE SIGN M218 AND M99
766		M218+M101	CG	PROTO-ELAMITE SIGN M218 AND M101
767		M218+M218	CG	PROTO-ELAMITE SIGN M218 AND M218
768		M218+M288	CG	PROTO-ELAMITE SIGN M218 AND M288
769		M218+M288~f	CG	PROTO-ELAMITE SIGN M218 AND M288-F
770		M218+M320	CG	PROTO-ELAMITE SIGN M218 AND M320
771		M218+M388	CG	PROTO-ELAMITE SIGN M218 AND M388
772		M218~b	S	PROTO-ELAMITE SIGN M218-B
773		M218~c	S	PROTO-ELAMITE SIGN M218-C
774		M218~d+M288	CG	PROTO-ELAMITE SIGN M218-D AND M288 → M218~d is not separately enumerated in sign lists
775		M218~g	S	PROTO-ELAMITE SIGN M218-G
776		M219	S	PROTO-ELAMITE SIGN M219
777		M219~1	S	PROTO-ELAMITE SIGN M219-1 → Possible alternate of M219
778		M219~f	S	PROTO-ELAMITE SIGN M219-F
779		M219~s	S	PROTO-ELAMITE SIGN M219-S
780		M220	S	PROTO-ELAMITE SIGN M220
781		M220~m	S	PROTO-ELAMITE SIGN M220-M
782		M220~n	S	PROTO-ELAMITE SIGN M220-N
783		M221	S	PROTO-ELAMITE SIGN M221

#	Sign	CDLI Name	Type	Unicode Character Name
784		M221~c	S	PROTO-ELAMITE SIGN M221-C
785		M221~e	S	PROTO-ELAMITE SIGN M221-E
786		M221~f	S	PROTO-ELAMITE SIGN M221-F
787		M222	S	PROTO-ELAMITE SIGN M222
788		M222~e	S	PROTO-ELAMITE SIGN M222-E
789		M223	S	PROTO-ELAMITE SIGN M223
790		M223~a	S	PROTO-ELAMITE SIGN M223-A
791		M223~b	S	PROTO-ELAMITE SIGN M223-B
792		M223~c	S	PROTO-ELAMITE SIGN M223-C
793		M223~d	S	PROTO-ELAMITE SIGN M223-D
794		M224	S	PROTO-ELAMITE SIGN M224
795		M224~a	S	PROTO-ELAMITE SIGN M224-A
796		M224~b	S	PROTO-ELAMITE SIGN M224-B
797		M224~c	S	PROTO-ELAMITE SIGN M224-C
798		M226~c	S	PROTO-ELAMITE SIGN M226-C
799		M226~ca	S	PROTO-ELAMITE SIGN M226-CA
800		M226~e	S	PROTO-ELAMITE SIGN M226-E
801		M227	S	PROTO-ELAMITE SIGN M227
802		M228	S	PROTO-ELAMITE SIGN M228
803		M228+M101	CG	PROTO-ELAMITE SIGN M228 AND M101

#	Sign	CDLI Name	Type	Unicode Character Name
804		M228+M288	CG	PROTO-ELAMITE SIGN M228 AND M288
805		M228+M320	CG	PROTO-ELAMITE SIGN M228 AND M320
806		M228~b	S	PROTO-ELAMITE SIGN M228-B
807		M228~b+M101	CG	PROTO-ELAMITE SIGN M228-B AND M101
808		M228~b+M320	CG	PROTO-ELAMITE SIGN M228-B AND M320
809		M228~d	S	PROTO-ELAMITE SIGN M228-D
810		M228~g	S	PROTO-ELAMITE SIGN M228-G
811		M228~ga	S	PROTO-ELAMITE SIGN M228-GA
812		M228~gb	S	PROTO-ELAMITE SIGN M228-GB
813		M229~e	S	PROTO-ELAMITE SIGN M229-E
814		M230	S	PROTO-ELAMITE SIGN M230
815		M230~a	S	PROTO-ELAMITE SIGN M230-A
816		M240	S	PROTO-ELAMITE SIGN M240
817		M240~a	S	PROTO-ELAMITE SIGN M240-A
818		M240~b	S	PROTO-ELAMITE SIGN M240-B
819		M240~c	S	PROTO-ELAMITE SIGN M240-C
820		M240~d	S	PROTO-ELAMITE SIGN M240-D
821		M240~d1 → Possible alternate of M240~d	S	PROTO-ELAMITE SIGN M240-D1
822		M240~e	S	PROTO-ELAMITE SIGN M240-E

#	Sign	CDLI Name	Type	Unicode Character Name
823		M241	S	PROTO-ELAMITE SIGN M241
824		M241~a	S	PROTO-ELAMITE SIGN M241-A
825		M241~b	S	PROTO-ELAMITE SIGN M241-B
826		M242	S	PROTO-ELAMITE SIGN M242
827		M242~ab	S	PROTO-ELAMITE SIGN M242-AB
828		M242~b	S	PROTO-ELAMITE SIGN M242-B
829		M242~d	S	PROTO-ELAMITE SIGN M242-D
830		M242~da	S	PROTO-ELAMITE SIGN M242-DA
831		M242~e	S	PROTO-ELAMITE SIGN M242-E
832		M242~f	S	PROTO-ELAMITE SIGN M242-F
833		M242~k	S	PROTO-ELAMITE SIGN M242-K
834		M242~n	S	PROTO-ELAMITE SIGN M242-N
835		M243	S	PROTO-ELAMITE SIGN M243
836		M243~aa	S	PROTO-ELAMITE SIGN M243-AA
837		M243~ac	S	PROTO-ELAMITE SIGN M243-AC
838		M243~b	S	PROTO-ELAMITE SIGN M243-B
839		M243~c	S	PROTO-ELAMITE SIGN M243-C
840		M243~e	S	PROTO-ELAMITE SIGN M243-E
841		M243~ee	S	PROTO-ELAMITE SIGN M243-EE
842		M243~ef	S	PROTO-ELAMITE SIGN M243-EF

#	Sign	CDLI Name	Type	Unicode Character Name
843		M243~f	S	PROTO-ELAMITE SIGN M243-F
844		M243~g	S	PROTO-ELAMITE SIGN M243-G
845		M243~h	S	PROTO-ELAMITE SIGN M243-H
846		M243~i	S	PROTO-ELAMITE SIGN M243-I
847		M243~j	S	PROTO-ELAMITE SIGN M243-J
848		M243~n	S	PROTO-ELAMITE SIGN M243-N
849		M244	S	PROTO-ELAMITE SIGN M244
850		M246	S	PROTO-ELAMITE SIGN M246
851		M246~a	S	PROTO-ELAMITE SIGN M246-A
852		M246~b	S	PROTO-ELAMITE SIGN M246-B
853		M246~c	S	PROTO-ELAMITE SIGN M246-C
854		M246~ca	S	PROTO-ELAMITE SIGN M246-CA
855		M246~e	S	PROTO-ELAMITE SIGN M246-E
856		M246~f	S	PROTO-ELAMITE SIGN M246-F
857		M246~g	S	PROTO-ELAMITE SIGN M246-G
858		M246~h	S	PROTO-ELAMITE SIGN M246-H
859		M246~m	S	PROTO-ELAMITE SIGN M246-M
860		M246~o	S	PROTO-ELAMITE SIGN M246-O
861		M246~s	S	PROTO-ELAMITE SIGN M246-S
862		M247	S	PROTO-ELAMITE SIGN M247

#	Sign	CDLI Name	Type	Unicode Character Name
863		M247~a	S	PROTO-ELAMITE SIGN M247-A
864		M247~b	S	PROTO-ELAMITE SIGN M247-B
865		M247~c	S	PROTO-ELAMITE SIGN M247-C
866		M247~d	S	PROTO-ELAMITE SIGN M247-D
867		M247~e	S	PROTO-ELAMITE SIGN M247-E
868		M247~f	S	PROTO-ELAMITE SIGN M247-F
869		M247~g	S	PROTO-ELAMITE SIGN M247-G
870		M247~m	S	PROTO-ELAMITE SIGN M247-M
871		M247~n	S	PROTO-ELAMITE SIGN M247-N
872		M248	S	PROTO-ELAMITE SIGN M248
873		M248~a	S	PROTO-ELAMITE SIGN M248-A
874		M248~b	S	PROTO-ELAMITE SIGN M248-B
875		M248~c	S	PROTO-ELAMITE SIGN M248-C
876		M248~ca	S	PROTO-ELAMITE SIGN M248-CA
877		M248~d	S	PROTO-ELAMITE SIGN M248-D
878		M248~e	S	PROTO-ELAMITE SIGN M248-E
879		M248~f	S	PROTO-ELAMITE SIGN M248-F
880		M248~g	S	PROTO-ELAMITE SIGN M248-G
881		M249	S	PROTO-ELAMITE SIGN M249
882		M249~c	S	PROTO-ELAMITE SIGN M249-C

#	Sign	CDLI Name	Type	Unicode Character Name
883		M249~f	S	PROTO-ELAMITE SIGN M249-F
884		M249~g	S	PROTO-ELAMITE SIGN M249-G
885		M249~h	S	PROTO-ELAMITE SIGN M249-H
886		M249~m	S	PROTO-ELAMITE SIGN M249-M
887		M249~n	S	PROTO-ELAMITE SIGN M249-N
888		M249~n1 → Possible alternate of M249~n	S	PROTO-ELAMITE SIGN M249-N1
889		M249~p	S	PROTO-ELAMITE SIGN M249-P
890		M250~a	S	PROTO-ELAMITE SIGN M250-A
891		M250~ba	S	PROTO-ELAMITE SIGN M250-BA
892		M250~m	S	PROTO-ELAMITE SIGN M250-M
893		M250~n	S	PROTO-ELAMITE SIGN M250-N
894		M250~na	S	PROTO-ELAMITE SIGN M250-NA
895		M250~p	S	PROTO-ELAMITE SIGN M250-P
896		M250~r	S	PROTO-ELAMITE SIGN M250-R
897		M251	S	PROTO-ELAMITE SIGN M251
898		M251~c	S	PROTO-ELAMITE SIGN M251-C
899		M251~c2 → Possible alternate of M251~c	S	PROTO-ELAMITE SIGN M251-C2
900		M251~c3 → Possible alternate of M251~c	S	PROTO-ELAMITE SIGN M251-C3

#	Sign	CDLI Name	Type	Unicode Character Name
901		M251~e	S	PROTO-ELAMITE SIGN M251-E
902		M251~g	S	PROTO-ELAMITE SIGN M251-G
903		M251~h	S	PROTO-ELAMITE SIGN M251-H
904		M251~i	S	PROTO-ELAMITE SIGN M251-I
905		M251~m	S	PROTO-ELAMITE SIGN M251-M
906		M252	S	PROTO-ELAMITE SIGN M252
907		M252~a	S	PROTO-ELAMITE SIGN M252-A
908		M252~h	S	PROTO-ELAMITE SIGN M252-H
909		M252~i	S	PROTO-ELAMITE SIGN M252-I
910		M252~l	S	PROTO-ELAMITE SIGN M252-L
911		M252~q	S	PROTO-ELAMITE SIGN M252-Q
912		M252~qa	S	PROTO-ELAMITE SIGN M252-QA
913		M252~r	S	PROTO-ELAMITE SIGN M252-R
914		M252~t	S	PROTO-ELAMITE SIGN M252-T
915		M253	S	PROTO-ELAMITE SIGN M253
916		M254	S	PROTO-ELAMITE SIGN M254
917		M254~a	S	PROTO-ELAMITE SIGN M254-A
918		M254~b	S	PROTO-ELAMITE SIGN M254-B
919		M254~c	S	PROTO-ELAMITE SIGN M254-C
920		M254~d	S	PROTO-ELAMITE SIGN M254-D

#	Sign	CDLI Name	Type	Unicode Character Name
921		M254~e	S	PROTO-ELAMITE SIGN M254-E
922		M254~f	S	PROTO-ELAMITE SIGN M254-F
923		M254~g	S	PROTO-ELAMITE SIGN M254-G
924		M254~h	S	PROTO-ELAMITE SIGN M254-H
925		M255	S	PROTO-ELAMITE SIGN M255
926		M255~b	S	PROTO-ELAMITE SIGN M255-B
927		M256~b	S	PROTO-ELAMITE SIGN M256-B
928		M256~c	S	PROTO-ELAMITE SIGN M256-C
929		M256~d	S	PROTO-ELAMITE SIGN M256-D
930		M257~d	S	PROTO-ELAMITE SIGN M257-D
931		M259	S	PROTO-ELAMITE SIGN M259
932		M259~1	S	PROTO-ELAMITE SIGN M259-1 → Possible alternate of M259
933		M259~2	S	PROTO-ELAMITE SIGN M259-2 → Possible alternate of M259
934		M259~3	S	PROTO-ELAMITE SIGN M259-3 → Possible alternate of M259
935		M260	S	PROTO-ELAMITE SIGN M260
936		M260~1	S	PROTO-ELAMITE SIGN M260-1 → Possible alternate of M260
937		M260~1+1(N24)	CCS	PROTO-ELAMITE SIGN M260-1 AND ONE-N24 → Possible alternate of M260+1(N24)

#	Sign	CDLI Name	Type	Unicode Character Name
938		M260~1+M313~a	CG	PROTO-ELAMITE SIGN M260-1 AND M313-A → Possible alternate of M260+M313~a → Main form M260+M313~a is not separately listed
939		M260~2+1(N24)	CCS	PROTO-ELAMITE SIGN M260-2 AND ONE-N24 → Possible alternate of M260+1(N24) → M260~2 is not separately enumerated in sign lists
940		M260~3	S	PROTO-ELAMITE SIGN M260-3 → Possible alternate of M260
941		M260+1(N14)	CCS	PROTO-ELAMITE SIGN M260 AND ONE-N14
942		M260+1(N24)	CCS	PROTO-ELAMITE SIGN M260 AND ONE-N24
943		M260+1(N30C)	CCS	PROTO-ELAMITE SIGN M260 AND ONE-N30C
944		M260+M266~a	CG	PROTO-ELAMITE SIGN M260 AND M266-A
945		M260+M312	CG	PROTO-ELAMITE SIGN M260 AND M312
946		M260~a	S	PROTO-ELAMITE SIGN M260-A
947		M260~a+M237	CG	PROTO-ELAMITE SIGN M260-A AND M237 → M237 is not separately enumerated in sign lists
948		M260~b	S	PROTO-ELAMITE SIGN M260-B
949		M261~a	S	PROTO-ELAMITE SIGN M261-A
950		M261~a1	S	PROTO-ELAMITE SIGN M261-A1 → Possible alternate of M261~a
951		M261~b	S	PROTO-ELAMITE SIGN M261-B → Possible alternate of M261~b
952		M261~b1	S	PROTO-ELAMITE SIGN M261-B1 → Possible alternate of M261~b

#	Sign	CDLI Name	Type	Unicode Character Name
953		M261~c	S	PROTO-ELAMITE SIGN M261-C
		→ Possible alternate of M261~c		
954		M261~d	S	PROTO-ELAMITE SIGN M261-D
955		M261~d1	S	PROTO-ELAMITE SIGN M261-D1
		→ Possible alternate of M261~d		
956		M262	S	PROTO-ELAMITE SIGN M262
957		M262~1	S	PROTO-ELAMITE SIGN M262-1
		→ Possible alternate of M262		
958		M262~a	S	PROTO-ELAMITE SIGN M262-A
959		M262~b	S	PROTO-ELAMITE SIGN M262-B
960		M262~ba	S	PROTO-ELAMITE SIGN M262-BA
961		M263	S	PROTO-ELAMITE SIGN M263
962		M263~1	S	PROTO-ELAMITE SIGN M263-1
		→ Possible alternate of M263		
963		M263~a	S	PROTO-ELAMITE SIGN M263-A
964		M263~a1	S	PROTO-ELAMITE SIGN M263-A1
		→ Possible alternate of M263~a		
965		M263~b	S	PROTO-ELAMITE SIGN M263-B
966		M263~b1	S	PROTO-ELAMITE SIGN M263-B1
		→ Possible alternate of M263~b		
967		M263~e	S	PROTO-ELAMITE SIGN M263-E
968		M263~f	S	PROTO-ELAMITE SIGN M263-F

#	Sign	CDLI Name	Type	Unicode Character Name
969		M263~g	S	PROTO-ELAMITE SIGN M263-G
970		M263~h	S	PROTO-ELAMITE SIGN M263-H
971		M264~a	S	PROTO-ELAMITE SIGN M264-A
972		M264~a1 → Possible alternate of M264~a	S	PROTO-ELAMITE SIGN M264-A1
973		M264~a+1(N24)	CCS	PROTO-ELAMITE SIGN M264-A AND ONE-N24
974		M264~b	S	PROTO-ELAMITE SIGN M264-B
975		M264~c	S	PROTO-ELAMITE SIGN M264-C
976		M264~d	S	PROTO-ELAMITE SIGN M264-D
977		M264~d1 → Possible alternate of M264~d	S	PROTO-ELAMITE SIGN M264-D1
978		M264~n	S	PROTO-ELAMITE SIGN M264-N
979		M265	S	PROTO-ELAMITE SIGN M265
980		M265~1 → Possible alternate of M265	S	PROTO-ELAMITE SIGN M265-1
981		M265~2 → Possible alternate of M265	S	PROTO-ELAMITE SIGN M265-2
982		M265~e	S	PROTO-ELAMITE SIGN M265-E
983		M265~f	S	PROTO-ELAMITE SIGN M265-F
984		M265~f1 → Possible alternate of M265~f	S	PROTO-ELAMITE SIGN M265-F1
985		M265~f2	S	PROTO-ELAMITE SIGN M265-F2

#	Sign	CDLI Name	Type	Unicode Character Name
→ Possible alternate of M265~f				
986		M265~f3	S	PROTO-ELAMITE SIGN M265-F3
→ Possible alternate of M265~f				
987		M265~i	S	PROTO-ELAMITE SIGN M265-I
988		M265~k	S	PROTO-ELAMITE SIGN M265-K
989		M265~l	S	PROTO-ELAMITE SIGN M265-L
990		M266~a	S	PROTO-ELAMITE SIGN M266-A
991		M266~b	S	PROTO-ELAMITE SIGN M266-B
992		M266~f	S	PROTO-ELAMITE SIGN M266-F
993		M267~f	S	PROTO-ELAMITE SIGN M267-F
994		M267~g	S	PROTO-ELAMITE SIGN M267-G
995		M267~h	S	PROTO-ELAMITE SIGN M267-H
996		M267~ha	S	PROTO-ELAMITE SIGN M267-HA
997		M267~hb	S	PROTO-ELAMITE SIGN M267-HB
998		M268~b	S	PROTO-ELAMITE SIGN M268-B
999		M268~c	S	PROTO-ELAMITE SIGN M268-C
1000		M268~d	S	PROTO-ELAMITE SIGN M268-D
1001		M268~m	S	PROTO-ELAMITE SIGN M268-M
1002		M269	S	PROTO-ELAMITE SIGN M269
1003		M269~1	S	PROTO-ELAMITE SIGN M269-1
→ Possible alternate of M269				

#	Sign	CDLI Name	Type	Unicode Character Name
1004		M269~2	S	PROTO-ELAMITE SIGN M269-2
		→ Possible alternate of M269		
1005		M269~3	S	PROTO-ELAMITE SIGN M269-3
		→ Possible alternate of M269		
1006		M269~4	S	PROTO-ELAMITE SIGN M269-4
		→ Possible alternate of M269		
1007		M269~a	S	PROTO-ELAMITE SIGN M269-A
1008		M269~a1	S	PROTO-ELAMITE SIGN M269-A1
		→ Possible alternate of M269~a		
1009		M269~a2	S	PROTO-ELAMITE SIGN M269-A2
		→ Possible alternate of M269~a		
1010		M269~a3	S	PROTO-ELAMITE SIGN M269-A3
		→ Possible alternate of M269~a		
1011		M269~b	S	PROTO-ELAMITE SIGN M269-B
1012		M269~c	S	PROTO-ELAMITE SIGN M269-C
1013		M269~j1	S	PROTO-ELAMITE SIGN M269-J1
		→ Possible alternate of M269~j		
		→ Main form M269~j is not separately listed		
1014		M269~j2	S	PROTO-ELAMITE SIGN M269-J2
		→ Possible alternate of M269~j		
		→ Main form M269~j is not separately listed		
1015		M270	S	PROTO-ELAMITE SIGN M270
1016		M270~c	S	PROTO-ELAMITE SIGN M270-C
1017		M270~d	S	PROTO-ELAMITE SIGN M270-D

#	Sign	CDLI Name	Type	Unicode Character Name
1018		M270~e	S	PROTO-ELAMITE SIGN M270-E
1019		M270~m	S	PROTO-ELAMITE SIGN M270-M
1020		M270~n	S	PROTO-ELAMITE SIGN M270-N
1021		M271~ca	S	PROTO-ELAMITE SIGN M271-CA
1022		M271~g	S	PROTO-ELAMITE SIGN M271-G
1023		M271~m	S	PROTO-ELAMITE SIGN M271-M
1024		M272	S	PROTO-ELAMITE SIGN M272
1025		M276~a	S	PROTO-ELAMITE SIGN M276-A
1026		M276~d	S	PROTO-ELAMITE SIGN M276-D
1027		M276~f	S	PROTO-ELAMITE SIGN M276-F
1028		M277	S	PROTO-ELAMITE SIGN M277
1029		M277~e	S	PROTO-ELAMITE SIGN M277-E
1030		M277~g	S	PROTO-ELAMITE SIGN M277-G
1031		M277~h	S	PROTO-ELAMITE SIGN M277-H
1032		M277~ha	S	PROTO-ELAMITE SIGN M277-HA
1033		M278	S	PROTO-ELAMITE SIGN M278
1034		M278+M124	CG	PROTO-ELAMITE SIGN M278 AND M124
1035		M278~ab	S	PROTO-ELAMITE SIGN M278-AB
1036		M278~b	S	PROTO-ELAMITE SIGN M278-B
1037		M278~c	S	PROTO-ELAMITE SIGN M278-C

#	Sign	CDLI Name	Type	Unicode Character Name
1038		M278~d	S	PROTO-ELAMITE SIGN M278-D
1039		M278~da	S	PROTO-ELAMITE SIGN M278-DA
1040		M278~e	S	PROTO-ELAMITE SIGN M278-E
1041		M278~f	S	PROTO-ELAMITE SIGN M278-F
1042		M278~g	S	PROTO-ELAMITE SIGN M278-G
1043		M278~h	S	PROTO-ELAMITE SIGN M278-H
1044		M278~j	S	PROTO-ELAMITE SIGN M278-J
1045		M280~g	S	PROTO-ELAMITE SIGN M280-G
1046		M281~a	S	PROTO-ELAMITE SIGN M281-A
1047		M281~c	S	PROTO-ELAMITE SIGN M281-C
1048		M281~d	S	PROTO-ELAMITE SIGN M281-D
1049		M281~e	S	PROTO-ELAMITE SIGN M281-E
1050		M281~f	S	PROTO-ELAMITE SIGN M281-F
1051		M281~g	S	PROTO-ELAMITE SIGN M281-G
1052		M282	S	PROTO-ELAMITE SIGN M282
1053		M283	S	PROTO-ELAMITE SIGN M283
1054		M283~a	S	PROTO-ELAMITE SIGN M283-A
1055		M283~j	S	PROTO-ELAMITE SIGN M283-J
1056		M284	S	PROTO-ELAMITE SIGN M284
1057		M284~e	S	PROTO-ELAMITE SIGN M284-E

#	Sign	CDLI Name	Type	Unicode Character Name
1058		M284~k	S	PROTO-ELAMITE SIGN M284-K
1059		M284~m	S	PROTO-ELAMITE SIGN M284-M
1060		M285	S	PROTO-ELAMITE SIGN M285
1061		M285~b	S	PROTO-ELAMITE SIGN M285-B
1062		M285~ba	S	PROTO-ELAMITE SIGN M285-BA
1063		M285~c	S	PROTO-ELAMITE SIGN M285-C
1064		M285~ca	S	PROTO-ELAMITE SIGN M285-CA
1065		M285~d	S	PROTO-ELAMITE SIGN M285-D
1066		M285~k	S	PROTO-ELAMITE SIGN M285-K
1067		M285~m	S	PROTO-ELAMITE SIGN M285-M
1068		M285~s	S	PROTO-ELAMITE SIGN M285-S
1069		M286	S	PROTO-ELAMITE SIGN M286
1070		M286~a	S	PROTO-ELAMITE SIGN M286-A
1071		M286~b	S	PROTO-ELAMITE SIGN M286-B
1072		M287~c	S	PROTO-ELAMITE SIGN M287-C
1073		M288	S	PROTO-ELAMITE SIGN M288
1074		M288+1(N01)	CCS	PROTO-ELAMITE SIGN M288 AND ONE-N1
1075		M288+1(N39B)	CCS	PROTO-ELAMITE SIGN M288 AND ONE-N39B
1076		M288+M376	CG	PROTO-ELAMITE SIGN M288 AND M376
1077		M288~a	S	PROTO-ELAMITE SIGN M288-A

#	Sign	CDLI Name	Type	Unicode Character Name
1078		M288~b	S	PROTO-ELAMITE SIGN M288-B
1079		M288~c	S	PROTO-ELAMITE SIGN M288-C
1080		M288~d	S	PROTO-ELAMITE SIGN M288-D
1081		M288~e	S	PROTO-ELAMITE SIGN M288-E
1082		M288~f	S	PROTO-ELAMITE SIGN M288-F
1083		M288~g	S	PROTO-ELAMITE SIGN M288-G
1084		M288~h	S	PROTO-ELAMITE SIGN M288-H
1085		M288~i	S	PROTO-ELAMITE SIGN M288-I
1086		M289	S	PROTO-ELAMITE SIGN M289
1087		M289~a	S	PROTO-ELAMITE SIGN M289-A
1088		M289~b	S	PROTO-ELAMITE SIGN M289-B
1089		M289~d	S	PROTO-ELAMITE SIGN M289-D
1090		M290	S	PROTO-ELAMITE SIGN M290
1091		M290~a	S	PROTO-ELAMITE SIGN M290-A
1092		M290~c	S	PROTO-ELAMITE SIGN M290-C
1093		M290~d	S	PROTO-ELAMITE SIGN M290-D
1094		M290~h	S	PROTO-ELAMITE SIGN M290-H
1095		M291	S	PROTO-ELAMITE SIGN M291
1096		M291~a	S	PROTO-ELAMITE SIGN M291-A
1097		M291~f	S	PROTO-ELAMITE SIGN M291-F

#	Sign	CDLI Name	Type	Unicode Character Name
1098		M292	S	PROTO-ELAMITE SIGN M292
1099		M292~a	S	PROTO-ELAMITE SIGN M292-A
1100		M292~c	S	PROTO-ELAMITE SIGN M292-C
1101		M292~d	S	PROTO-ELAMITE SIGN M292-D
1102		M292~e	S	PROTO-ELAMITE SIGN M292-E
1103		M292~f	S	PROTO-ELAMITE SIGN M292-F
1104		M292~h	S	PROTO-ELAMITE SIGN M292-H
1105		M292~i	S	PROTO-ELAMITE SIGN M292-I
1106		M293	S	PROTO-ELAMITE SIGN M293
1107		M293~a	S	PROTO-ELAMITE SIGN M293-A
1108		M293~b	S	PROTO-ELAMITE SIGN M293-B
1109		M293~c	S	PROTO-ELAMITE SIGN M293-C
1110		M293~d	S	PROTO-ELAMITE SIGN M293-D
1111		M294~a	S	PROTO-ELAMITE SIGN M294-A
1112		M295	S	PROTO-ELAMITE SIGN M295
1113		M295~a	S	PROTO-ELAMITE SIGN M295-A
1114		M295~b	S	PROTO-ELAMITE SIGN M295-B
1115		M295~c	S	PROTO-ELAMITE SIGN M295-C
1116		M295~ca	S	PROTO-ELAMITE SIGN M295-CA
1117		M295~cb	S	PROTO-ELAMITE SIGN M295-CB

#	Sign	CDLI Name	Type	Unicode Character Name
1118		M295~d	S	PROTO-ELAMITE SIGN M295-D
1119		M295~da	S	PROTO-ELAMITE SIGN M295-DA
1120		M295~e	S	PROTO-ELAMITE SIGN M295-E
1121		M295~ee	S	PROTO-ELAMITE SIGN M295-EE
1122		M295~ef	S	PROTO-ELAMITE SIGN M295-EF
1123		M295~f	S	PROTO-ELAMITE SIGN M295-F
1124		M295~h	S	PROTO-ELAMITE SIGN M295-H
1125		M295~i	S	PROTO-ELAMITE SIGN M295-I
1126		M295~k	S	PROTO-ELAMITE SIGN M295-K
1127		M295~k1 → Possible alternate of M295~k	S	PROTO-ELAMITE SIGN M295-K1
1128		M295~ka	S	PROTO-ELAMITE SIGN M295-KA
1129		M295~l	S	PROTO-ELAMITE SIGN M295-L
1130		M295~la	S	PROTO-ELAMITE SIGN M295-LA
1131		M295~o	S	PROTO-ELAMITE SIGN M295-O
1132		M295~p	S	PROTO-ELAMITE SIGN M295-P
1133		M295~q	S	PROTO-ELAMITE SIGN M295-Q
1134		M295~s	S	PROTO-ELAMITE SIGN M295-S
1135		M295~u	S	PROTO-ELAMITE SIGN M295-U
1136		M295~w	S	PROTO-ELAMITE SIGN M295-W

#	Sign	CDLI Name	Type	Unicode Character Name
1137		M295~wa	S	PROTO-ELAMITE SIGN M295-WA
1138		M295~y	S	PROTO-ELAMITE SIGN M295-Y
1139		M295~z	S	PROTO-ELAMITE SIGN M295-Z
1140		M296	S	PROTO-ELAMITE SIGN M296
1141		M296+M296	CG	PROTO-ELAMITE SIGN M296 AND M296
1142		M296~c	S	PROTO-ELAMITE SIGN M296-C
1143		M296~d	S	PROTO-ELAMITE SIGN M296-D
1144		M297	S	PROTO-ELAMITE SIGN M297
1145		M297+M296	CG	PROTO-ELAMITE SIGN M297 AND M296
1146		M297~a	S	PROTO-ELAMITE SIGN M297-A
1147		M297~b	S	PROTO-ELAMITE SIGN M297-B
1148		M297~b+M388	CG	PROTO-ELAMITE SIGN M297-B AND M388
1149		M297~bc	S	PROTO-ELAMITE SIGN M297-BC
1150		M297~c1	S	PROTO-ELAMITE SIGN M297-C1
	→ Possible alternate of M297~c			
	→ Main form M297~c is not separately listed			
1151		M297~c2	S	PROTO-ELAMITE SIGN M297-C2
	→ Possible alternate of M297~c			
	→ Main form M297~c is not separately listed			
1152		M297~d	S	PROTO-ELAMITE SIGN M297-D
1153		M298	S	PROTO-ELAMITE SIGN M298
1154		M298~a	S	PROTO-ELAMITE SIGN M298-A

#	Sign	CDLI Name	Type	Unicode Character Name
1155		M299	S	PROTO-ELAMITE SIGN M299
1156		M301	S	PROTO-ELAMITE SIGN M301
1157		M301~a	S	PROTO-ELAMITE SIGN M301-A
1158		M301~aa	S	PROTO-ELAMITE SIGN M301-AA
1159		M301~b	S	PROTO-ELAMITE SIGN M301-B
1160		M301~e	S	PROTO-ELAMITE SIGN M301-E
1161		M301~ea	S	PROTO-ELAMITE SIGN M301-EA
1162		M301~eb	S	PROTO-ELAMITE SIGN M301-EB
1163		M301~g	S	PROTO-ELAMITE SIGN M301-G
1164		M302	S	PROTO-ELAMITE SIGN M302
1165		M302~a	S	PROTO-ELAMITE SIGN M302-A
1166		M302~b	S	PROTO-ELAMITE SIGN M302-B
1167		M302~ba	S	PROTO-ELAMITE SIGN M302-BA
1168		M302~c	S	PROTO-ELAMITE SIGN M302-C
1169		M302~ca	S	PROTO-ELAMITE SIGN M302-CA
1170		M302~e	S	PROTO-ELAMITE SIGN M302-E
1171		M302~f	S	PROTO-ELAMITE SIGN M302-F
1172		M302~i	S	PROTO-ELAMITE SIGN M302-I
1173		M302~j	S	PROTO-ELAMITE SIGN M302-J
1174		M302~k	S	PROTO-ELAMITE SIGN M302-K

#	Sign	CDLI Name	Type	Unicode Character Name
1175		M302~o	S	PROTO-ELAMITE SIGN M302-O
1176		M302~p	S	PROTO-ELAMITE SIGN M302-P
1177		M302~s	S	PROTO-ELAMITE SIGN M302-S
1178		M302~t	S	PROTO-ELAMITE SIGN M302-T
1179		M304	S	PROTO-ELAMITE SIGN M304
1180		M304+M041~g	CG	PROTO-ELAMITE SIGN M304 AND M41-G
1181		M304+M304	CG	PROTO-ELAMITE SIGN M304 AND M304
1182		M304+M342	CG	PROTO-ELAMITE SIGN M304 AND M342
1183		M304~a	S	PROTO-ELAMITE SIGN M304-A
1184		M304~b	S	PROTO-ELAMITE SIGN M304-B
1185		M305	S	PROTO-ELAMITE SIGN M305
1186		M305+M009	CG	PROTO-ELAMITE SIGN M305 AND M9
1187		M305+M029~a	CG	PROTO-ELAMITE SIGN M305 AND M29-A
1188		M305+M038~a	CG	PROTO-ELAMITE SIGN M305 AND M38-A
1189		M305+M041~e	CG	PROTO-ELAMITE SIGN M305 AND M41-E
1190		M305+M075~a	CG	PROTO-ELAMITE SIGN M305 AND M75-A
1191		M305+M111~c	CG	PROTO-ELAMITE SIGN M305 AND M111-C
1192		M305+M136	CG	PROTO-ELAMITE SIGN M305 AND M136
1193		M305+M153	CG	PROTO-ELAMITE SIGN M305 AND M153
1194		M305+M157	CG	PROTO-ELAMITE SIGN M305 AND M157

#	Sign	CDLI Name	Type	Unicode Character Name
1195		M305+M180	CG	PROTO-ELAMITE SIGN M305 AND M180
1196		M305+M209~a	CG	PROTO-ELAMITE SIGN M305 AND M209-A
1197		M305+M214~a	CG	PROTO-ELAMITE SIGN M305 AND M214-A
1198		M305+M288	CG	PROTO-ELAMITE SIGN M305 AND M288
1199		M305+M320	CG	PROTO-ELAMITE SIGN M305 AND M320
1200		M305+M324~c	CG	PROTO-ELAMITE SIGN M305 AND M324-C
1201		M305+M332~d	CG	PROTO-ELAMITE SIGN M305 AND M332-D
1202		M305+M342	CG	PROTO-ELAMITE SIGN M305 AND M342
1203		M305+M365	CG	PROTO-ELAMITE SIGN M305 AND M365
1204		M305+M387~c	CG	PROTO-ELAMITE SIGN M305 AND M387-C
1205		M305~b	S	PROTO-ELAMITE SIGN M305-B
1206		M305~c	S	PROTO-ELAMITE SIGN M305-C
1207		M305~f	S	PROTO-ELAMITE SIGN M305-F
1208		M305~g	S	PROTO-ELAMITE SIGN M305-G
1209		M305~h	S	PROTO-ELAMITE SIGN M305-H
1210		M305~i	S	PROTO-ELAMITE SIGN M305-I
1211		M308~e	S	PROTO-ELAMITE SIGN M308-E
1212		M308~f	S	PROTO-ELAMITE SIGN M308-F
1213		M309	S	PROTO-ELAMITE SIGN M309
1214		M309~a	S	PROTO-ELAMITE SIGN M309-A

#	Sign	CDLI Name	Type	Unicode Character Name
1215		M309~a1 → Possible alternate of M309~a	S	PROTO-ELAMITE SIGN M309-A1
1216		M309~b	S	PROTO-ELAMITE SIGN M309-B
1217		M309~d	S	PROTO-ELAMITE SIGN M309-D
1218		M310	S	PROTO-ELAMITE SIGN M310
1219		M310~1 → Possible alternate of M310	S	PROTO-ELAMITE SIGN M310-1
1220		M311	S	PROTO-ELAMITE SIGN M311
1221		M311~b	S	PROTO-ELAMITE SIGN M311-B
1222		M311~g	S	PROTO-ELAMITE SIGN M311-G
1223		M312	S	PROTO-ELAMITE SIGN M312
1224		M312~a	S	PROTO-ELAMITE SIGN M312-A
1225		M312~c	S	PROTO-ELAMITE SIGN M312-C
1226		M312~f	S	PROTO-ELAMITE SIGN M312-F
1227		M313~a	S	PROTO-ELAMITE SIGN M313-A
1228		M313~b	S	PROTO-ELAMITE SIGN M313-B
1229		M313~b1 → Possible alternate of M313~b	S	PROTO-ELAMITE SIGN M313-B1
1230		M313~f	S	PROTO-ELAMITE SIGN M313-F
1231		M314	S	PROTO-ELAMITE SIGN M314
1232		M314~c	S	PROTO-ELAMITE SIGN M314-C

#	Sign	CDLI Name	Type	Unicode Character Name
1233		M314~e	S	PROTO-ELAMITE SIGN M314-E
1234		M314~f	S	PROTO-ELAMITE SIGN M314-F
1235		M314~g	S	PROTO-ELAMITE SIGN M314-G
1236		M315	S	PROTO-ELAMITE SIGN M315
1237		M315~a	S	PROTO-ELAMITE SIGN M315-A
1238		M316	S	PROTO-ELAMITE SIGN M316
1239		M316~1	S	PROTO-ELAMITE SIGN M316-1 → Possible alternate of M316
1240		M316~2	S	PROTO-ELAMITE SIGN M316-2 → Possible alternate of M316
1241		M316~3	S	PROTO-ELAMITE SIGN M316-3 → Possible alternate of M316
1242		M316~4	S	PROTO-ELAMITE SIGN M316-4 → Possible alternate of M316
1243		M316~a	S	PROTO-ELAMITE SIGN M316-A → Possible alternate of M316~a
1244		M316~e	S	PROTO-ELAMITE SIGN M316-E → Possible alternate of M316~e
1245		M316~k	S	PROTO-ELAMITE SIGN M316-K → Possible alternate of M316~k
1246		M316~l	S	PROTO-ELAMITE SIGN M316-L → Possible alternate of M316~l
1247		M317	S	PROTO-ELAMITE SIGN M317

#	Sign	CDLI Name	Type	Unicode Character Name
1248		M317~1	S	PROTO-ELAMITE SIGN M317-1
		→ Possible alternate of M317		
1249		M317+M265~b	CG	PROTO-ELAMITE SIGN M317 AND M265-B
		→ M265~b is not separately enumerated in sign lists		
1250		M317~a	S	PROTO-ELAMITE SIGN M317-A
1251		M317~b	S	PROTO-ELAMITE SIGN M317-B
1252		M317~b2	S	PROTO-ELAMITE SIGN M317-B2
		→ Possible alternate of M317~b		
1253		M317~d	S	PROTO-ELAMITE SIGN M317-D
1254		M317~e	S	PROTO-ELAMITE SIGN M317-E
1255		M317~g	S	PROTO-ELAMITE SIGN M317-G
1256		M317~m	S	PROTO-ELAMITE SIGN M317-M
1257		M318	S	PROTO-ELAMITE SIGN M318
1258		M318~a	S	PROTO-ELAMITE SIGN M318-A
1259		M318~a1	S	PROTO-ELAMITE SIGN M318-A1
		→ Possible alternate of M318~a		
1260		M318~a2	S	PROTO-ELAMITE SIGN M318-A2
		→ Possible alternate of M318~a		
1261		M318~a3	S	PROTO-ELAMITE SIGN M318-A3
		→ Possible alternate of M318~a		
1262		M318~c	S	PROTO-ELAMITE SIGN M318-C
1263		M318~e	S	PROTO-ELAMITE SIGN M318-E

#	Sign	CDLI Name	Type	Unicode Character Name
1264		M318~g	S	PROTO-ELAMITE SIGN M318-G
1265		M318~h	S	PROTO-ELAMITE SIGN M318-H
1266		M318~n	S	PROTO-ELAMITE SIGN M318-N
1267		M319	S	PROTO-ELAMITE SIGN M319
1268		M319~a	S	PROTO-ELAMITE SIGN M319-A
1269		M319~c	S	PROTO-ELAMITE SIGN M319-C
1270		M320	S	PROTO-ELAMITE SIGN M320
1271		M320~b	S	PROTO-ELAMITE SIGN M320-B
1272		M320~c	S	PROTO-ELAMITE SIGN M320-C
1273		M320~f	S	PROTO-ELAMITE SIGN M320-F
1274		M320~m	S	PROTO-ELAMITE SIGN M320-M
1275		M320~n	S	PROTO-ELAMITE SIGN M320-N
1276		M321	S	PROTO-ELAMITE SIGN M321
1277		M321~b	S	PROTO-ELAMITE SIGN M321-B
1278		M321~c	S	PROTO-ELAMITE SIGN M321-C
1279		M321~d	S	PROTO-ELAMITE SIGN M321-D
1280		M321~f	S	PROTO-ELAMITE SIGN M321-F
1281		M321~fa	S	PROTO-ELAMITE SIGN M321-FA
1282		M321~h	S	PROTO-ELAMITE SIGN M321-H
1283		M321~ha	S	PROTO-ELAMITE SIGN M321-HA

#	Sign	CDLI Name	Type	Unicode Character Name
1284		M321~hb	S	PROTO-ELAMITE SIGN M321-HB
1285		M321~j	S	PROTO-ELAMITE SIGN M321-J
1286		M323	S	PROTO-ELAMITE SIGN M323
1287		M323~1	S	PROTO-ELAMITE SIGN M323-1 → Possible alternate of M323
1288		M323~a	S	PROTO-ELAMITE SIGN M323-A
1289		M323~c	S	PROTO-ELAMITE SIGN M323-C
1290		M323~g	S	PROTO-ELAMITE SIGN M323-G
1291		M323~i	S	PROTO-ELAMITE SIGN M323-I
1292		M324	S	PROTO-ELAMITE SIGN M324
1293		M324~a	S	PROTO-ELAMITE SIGN M324-A
1294		M324~c	S	PROTO-ELAMITE SIGN M324-C
1295		M324~d	S	PROTO-ELAMITE SIGN M324-D
1296		M324~e	S	PROTO-ELAMITE SIGN M324-E
1297		M324~f	S	PROTO-ELAMITE SIGN M324-F
1298		M325	S	PROTO-ELAMITE SIGN M325
1299		M325~a	S	PROTO-ELAMITE SIGN M325-A
1300		M325~d	S	PROTO-ELAMITE SIGN M325-D
1301		M325~e	S	PROTO-ELAMITE SIGN M325-E
1302		M325~g	S	PROTO-ELAMITE SIGN M325-G

#	Sign	CDLI Name	Type	Unicode Character Name
1303		M325~h	S	PROTO-ELAMITE SIGN M325-H
1304		M326~a	S	PROTO-ELAMITE SIGN M326-A
1305		M327	S	PROTO-ELAMITE SIGN M327
1306		M327+M044	CG	PROTO-ELAMITE SIGN M327 AND M44
1307		M327+M057	CG	PROTO-ELAMITE SIGN M327 AND M57
1308		M327+M059	CG	PROTO-ELAMITE SIGN M327 AND M59
1309		M327+M074~a	CG	PROTO-ELAMITE SIGN M327 AND M74-A
1310		M327+M320	CG	PROTO-ELAMITE SIGN M327 AND M320
1311		M327+M342	CG	PROTO-ELAMITE SIGN M327 AND M342
1312		M327+M348	CG	PROTO-ELAMITE SIGN M327 AND M348
1313		M327+M365	CG	PROTO-ELAMITE SIGN M327 AND M365
1314		M327+M367	CG	PROTO-ELAMITE SIGN M327 AND M367
1315		M327~ag	S	PROTO-ELAMITE SIGN M327-AG
1316		M327~d	S	PROTO-ELAMITE SIGN M327-D
1317		M327~n	S	PROTO-ELAMITE SIGN M327-N
1318		M327~p	S	PROTO-ELAMITE SIGN M327-P
1319		M328~b	S	PROTO-ELAMITE SIGN M328-B
1320		M328~c	S	PROTO-ELAMITE SIGN M328-C
1321		M329	S	PROTO-ELAMITE SIGN M329
1322		M330~d	S	PROTO-ELAMITE SIGN M330-D

#	Sign	CDLI Name	Type	Unicode Character Name
1323		M332~a	S	PROTO-ELAMITE SIGN M332-A
1324		M332~c	S	PROTO-ELAMITE SIGN M332-C
1325		M332~d	S	PROTO-ELAMITE SIGN M332-D
1326		M332~e	S	PROTO-ELAMITE SIGN M332-E
1327		M332~f	S	PROTO-ELAMITE SIGN M332-F
1328		M332~g	S	PROTO-ELAMITE SIGN M332-G
1329		M340	S	PROTO-ELAMITE SIGN M340
1330		M341~q	S	PROTO-ELAMITE SIGN M341-Q
1331		M342	S	PROTO-ELAMITE SIGN M342
1332		M342~1 → Possible alternate of M342	S	PROTO-ELAMITE SIGN M342-1
1333		M343	S	PROTO-ELAMITE SIGN M343
1334		M343~d	S	PROTO-ELAMITE SIGN M343-D
1335		M343~e	S	PROTO-ELAMITE SIGN M343-E
1336		M343~h	S	PROTO-ELAMITE SIGN M343-H
1337		M343~h+M353	CG	PROTO-ELAMITE SIGN M343-H AND M353
1338		M343~h+M354	CG	PROTO-ELAMITE SIGN M343-H AND M354
1339		M344	S	PROTO-ELAMITE SIGN M344
1340		M344~d	S	PROTO-ELAMITE SIGN M344-D
1341		M346	S	PROTO-ELAMITE SIGN M346

#	Sign	CDLI Name	Type	Unicode Character Name
1342		M346~1 → Possible alternate of M346	S	PROTO-ELAMITE SIGN M346-1
1343		M346~a	S	PROTO-ELAMITE SIGN M346-A
1344		M346~a1 → Possible alternate of M346~a	S	PROTO-ELAMITE SIGN M346-A1
1345		M346~a2 → Possible alternate of M346~a	S	PROTO-ELAMITE SIGN M346-A2
1346		M346~a3 → Possible alternate of M346~a	S	PROTO-ELAMITE SIGN M346-A3
1347		M346~a4 → Possible alternate of M346~a	S	PROTO-ELAMITE SIGN M346-A4
1348		M346~b	S	PROTO-ELAMITE SIGN M346-B
1349		M346~c	S	PROTO-ELAMITE SIGN M346-C
1350		M346~d	S	PROTO-ELAMITE SIGN M346-D
1351		M347	S	PROTO-ELAMITE SIGN M347
1352		M348	S	PROTO-ELAMITE SIGN M348
1353		M348+M004	CG	PROTO-ELAMITE SIGN M348 AND M4
1354		M348+M346	CG	PROTO-ELAMITE SIGN M348 AND M346
1355		M348~b	S	PROTO-ELAMITE SIGN M348-B
1356		M349	S	PROTO-ELAMITE SIGN M349
1357		M351	S	PROTO-ELAMITE SIGN M351
1358		M351+1(N14)	CCS	PROTO-ELAMITE SIGN M351 AND ONE-N14

#	Sign	CDLI Name	Type	Unicode Character Name
1359		M351+3(N01)	CCS	PROTO-ELAMITE SIGN M351 AND THREE-N1
1360		M351+M342	CG	PROTO-ELAMITE SIGN M351 AND M342
1361		M351+M380~b	CG	PROTO-ELAMITE SIGN M351 AND M380-B
1362		M351~c	S	PROTO-ELAMITE SIGN M351-C
1363		M351~d	S	PROTO-ELAMITE SIGN M351-D
1364		M351~m	S	PROTO-ELAMITE SIGN M351-M
1365		M352~a	S	PROTO-ELAMITE SIGN M352-A
1366		M352~b	S	PROTO-ELAMITE SIGN M352-B
1367		M352~c	S	PROTO-ELAMITE SIGN M352-C
1368		M352~e	S	PROTO-ELAMITE SIGN M352-E
1369		M352~h	S	PROTO-ELAMITE SIGN M352-H
1370		M352~n	S	PROTO-ELAMITE SIGN M352-N
1371		M352~n2	S	PROTO-ELAMITE SIGN M352-N2 → Possible alternate of M352~n
1372		M352~o	S	PROTO-ELAMITE SIGN M352-O
1373		M352~r	S	PROTO-ELAMITE SIGN M352-R
1374		M352~s	S	PROTO-ELAMITE SIGN M352-S
1375		M353	S	PROTO-ELAMITE SIGN M353
1376		M354	S	PROTO-ELAMITE SIGN M354
1377		M356	S	PROTO-ELAMITE SIGN M356

#	Sign	CDLI Name	Type	Unicode Character Name
1378		M356~b	S	PROTO-ELAMITE SIGN M356-B
1379		M357	S	PROTO-ELAMITE SIGN M357
1380		M358	S	PROTO-ELAMITE SIGN M358
1381		M358~a	S	PROTO-ELAMITE SIGN M358-A
1382		M358~b	S	PROTO-ELAMITE SIGN M358-B
1383		M358~f	S	PROTO-ELAMITE SIGN M358-F
1384		M359	S	PROTO-ELAMITE SIGN M359
1385		M360~b	S	PROTO-ELAMITE SIGN M360-B
1386		M361~a	S	PROTO-ELAMITE SIGN M361-A
1387		M361~b	S	PROTO-ELAMITE SIGN M361-B
1388		M361~c	S	PROTO-ELAMITE SIGN M361-C
1389		M361~d	S	PROTO-ELAMITE SIGN M361-D
1390		M362	S	PROTO-ELAMITE SIGN M362
1391		M362+M005	CG	PROTO-ELAMITE SIGN M362 AND M5
1392		M362+M024~c	CG	PROTO-ELAMITE SIGN M362 AND M24-C → M024~c is not separately enumerated in sign lists
1393		M362+M026~h	CG	PROTO-ELAMITE SIGN M362 AND M26-H
1394		M362+M041~e	CG	PROTO-ELAMITE SIGN M362 AND M41-E
1395		M362+M059	CG	PROTO-ELAMITE SIGN M362 AND M59
1396		M362+M059~d	CG	PROTO-ELAMITE SIGN M362 AND M59-D

#	Sign	CDLI Name	Type	Unicode Character Name
1397		M362+M099~b	CG	PROTO-ELAMITE SIGN M362 AND M99-B
1398		M362+M123~b	CG	PROTO-ELAMITE SIGN M362 AND M123-B
1399		M362+M158	CG	PROTO-ELAMITE SIGN M362 AND M158
1400		M362+M207~n	CG	PROTO-ELAMITE SIGN M362 AND M207-N
1401		M362+M244	CG	PROTO-ELAMITE SIGN M362 AND M244
1402		M362+M247~g	CG	PROTO-ELAMITE SIGN M362 AND M247-G
1403		M362+M312~a	CG	PROTO-ELAMITE SIGN M362 AND M312-A
1404		M362+M317#	CG	PROTO-ELAMITE SIGN M362 AND M317 → M317# is not separately enumerated in sign lists
1405		M362+M365	CG	PROTO-ELAMITE SIGN M362 AND M365
1406		M362+M367	CG	PROTO-ELAMITE SIGN M362 AND M367
1407		M362+M383~c	CG	PROTO-ELAMITE SIGN M362 AND M383-C
1408		M362+M384~a	CG	PROTO-ELAMITE SIGN M362 AND M384-A
1409		M362~a	S	PROTO-ELAMITE SIGN M362-A
1410		M362~b	S	PROTO-ELAMITE SIGN M362-B
1411		M362~gc	S	PROTO-ELAMITE SIGN M362-GC
1412		M363~b	S	PROTO-ELAMITE SIGN M363-B
1413		M365	S	PROTO-ELAMITE SIGN M365
1414		M365~a	S	PROTO-ELAMITE SIGN M365-A
1415		M365~c	S	PROTO-ELAMITE SIGN M365-C

#	Sign	CDLI Name	Type	Unicode Character Name
1416		M365~d	S	PROTO-ELAMITE SIGN M365-D
1417		M365~g	S	PROTO-ELAMITE SIGN M365-G
1418		M367	S	PROTO-ELAMITE SIGN M367
1419		M367~a	S	PROTO-ELAMITE SIGN M367-A
1420		M367~a1 → Possible alternate of M367~a	S	PROTO-ELAMITE SIGN M367-A1
1421		M367~a2 → Possible alternate of M367~a	S	PROTO-ELAMITE SIGN M367-A2
1422		M367~b	S	PROTO-ELAMITE SIGN M367-B
1423		M367~c	S	PROTO-ELAMITE SIGN M367-C
1424		M367~d	S	PROTO-ELAMITE SIGN M367-D
1425		M367~e	S	PROTO-ELAMITE SIGN M367-E
1426		M367~f	S	PROTO-ELAMITE SIGN M367-F
1427		M367~g	S	PROTO-ELAMITE SIGN M367-G
1428		M367~i	S	PROTO-ELAMITE SIGN M367-I
1429		M368~a	S	PROTO-ELAMITE SIGN M368-A
1430		M368~b	S	PROTO-ELAMITE SIGN M368-B
1431		M368~c	S	PROTO-ELAMITE SIGN M368-C
1432		M369	S	PROTO-ELAMITE SIGN M369
1433		M369~a	S	PROTO-ELAMITE SIGN M369-A
1434		M369~b	S	PROTO-ELAMITE SIGN M369-B

#	Sign	CDLI Name	Type	Unicode Character Name
1435		M370	S	PROTO-ELAMITE SIGN M370
1436		M370+M046+M370	CG	PROTO-ELAMITE SIGN M370 AND M46 AND M370
1437		M370+M072+M370	CG	PROTO-ELAMITE SIGN M370 AND M72 AND M370
1438		M370+M386+M370	CG	PROTO-ELAMITE SIGN M370 AND M386 AND M370
1439		M370+M388+M370	CG	PROTO-ELAMITE SIGN M370 AND M388 AND M370
1440		M370~b	S	PROTO-ELAMITE SIGN M370-B
1441		M370~b+M046	CG	PROTO-ELAMITE SIGN M370-B AND M46
1442		M370~b+M072	CG	PROTO-ELAMITE SIGN M370-B AND M72
1443		M370~b+M388	CG	PROTO-ELAMITE SIGN M370-B AND M388
1444		M370~c	S	PROTO-ELAMITE SIGN M370-C
1445		M370~d	S	PROTO-ELAMITE SIGN M370-D
1446		M370~da	S	PROTO-ELAMITE SIGN M370-DA
1447		M370~k	S	PROTO-ELAMITE SIGN M370-K
1448		M370~m	S	PROTO-ELAMITE SIGN M370-M
1449		M371	S	PROTO-ELAMITE SIGN M371
1450		M371~a	S	PROTO-ELAMITE SIGN M371-A
1451		M371~b	S	PROTO-ELAMITE SIGN M371-B
1452		M371~c	S	PROTO-ELAMITE SIGN M371-C
1453		M371~d	S	PROTO-ELAMITE SIGN M371-D
1454		M371~e	S	PROTO-ELAMITE SIGN M371-E

#	Sign	CDLI Name	Type	Unicode Character Name
1455		M372	S	PROTO-ELAMITE SIGN M372
1456		M372~a	S	PROTO-ELAMITE SIGN M372-A
1457		M372~m	S	PROTO-ELAMITE SIGN M372-M
1458		M373	S	PROTO-ELAMITE SIGN M373
1459		M373~a	S	PROTO-ELAMITE SIGN M373-A
1460		M374~a	S	PROTO-ELAMITE SIGN M374-A
1461		M374~c	S	PROTO-ELAMITE SIGN M374-C
1462		M375	S	PROTO-ELAMITE SIGN M375
1463		M375~a	S	PROTO-ELAMITE SIGN M375-A
1464		M375~b	S	PROTO-ELAMITE SIGN M375-B
1465		M375~d	S	PROTO-ELAMITE SIGN M375-D
1466		M375~e	S	PROTO-ELAMITE SIGN M375-E
1467		M375~i	S	PROTO-ELAMITE SIGN M375-I
1468		M375~n	S	PROTO-ELAMITE SIGN M375-N
1469		M376	S	PROTO-ELAMITE SIGN M376
1470		M376~a	S	PROTO-ELAMITE SIGN M376-A
1471		M376~b	S	PROTO-ELAMITE SIGN M376-B
1472		M377	S	PROTO-ELAMITE SIGN M377
1473		M377+M320+M377	CG	PROTO-ELAMITE SIGN M377 AND M320 AND M377
1474		M377+M377	CG	PROTO-ELAMITE SIGN M377 AND M377

#	Sign	CDLI Name	Type	Unicode Character Name
1475		M377+M377~g+M377	CG	PROTO-ELAMITE SIGN M377 AND M377-G AND M377
1476		M377+M383+M377	CG	PROTO-ELAMITE SIGN M377 AND M383 AND M377
1477		M377~e	S	PROTO-ELAMITE SIGN M377-E
1478		M377~e+M320+M377~e	CG	PROTO-ELAMITE SIGN M377-E AND M320 AND M377-E
1479		M377~e+M377~e	CG	PROTO-ELAMITE SIGN M377-E AND M377-E
1480		M377~g	S	PROTO-ELAMITE SIGN M377-G
1481		M378	S	PROTO-ELAMITE SIGN M378
1482		M379	S	PROTO-ELAMITE SIGN M379
1483		M379~c	S	PROTO-ELAMITE SIGN M379-C
1484		M379~d	S	PROTO-ELAMITE SIGN M379-D
1485		M379~e	S	PROTO-ELAMITE SIGN M379-E
1486		M379~g	S	PROTO-ELAMITE SIGN M379-G
1487		M380	S	PROTO-ELAMITE SIGN M380
1488		M380~b	S	PROTO-ELAMITE SIGN M380-B
1489		M380~c	S	PROTO-ELAMITE SIGN M380-C
1490		M381	S	PROTO-ELAMITE SIGN M381
1491		M381~e	S	PROTO-ELAMITE SIGN M381-E
1492		M382	S	PROTO-ELAMITE SIGN M382
1493		M382~a	S	PROTO-ELAMITE SIGN M382-A
1494		M382~b	S	PROTO-ELAMITE SIGN M382-B

#	Sign	CDLI Name	Type	Unicode Character Name
1495		M382~c	S	PROTO-ELAMITE SIGN M382-C
1496		M382~d	S	PROTO-ELAMITE SIGN M382-D
1497		M382~e	S	PROTO-ELAMITE SIGN M382-E
1498		M382~f	S	PROTO-ELAMITE SIGN M382-F
1499		M382~g	S	PROTO-ELAMITE SIGN M382-G
1500		M383	S	PROTO-ELAMITE SIGN M383
1501		M383~a	S	PROTO-ELAMITE SIGN M383-A
1502		M383~b	S	PROTO-ELAMITE SIGN M383-B
1503		M383~c	S	PROTO-ELAMITE SIGN M383-C
1504		M383~d	S	PROTO-ELAMITE SIGN M383-D
1505		M383~e	S	PROTO-ELAMITE SIGN M383-E
1506		M383~e1 → Possible alternate of M383~e	S	PROTO-ELAMITE SIGN M383-E1
1507		M383~h	S	PROTO-ELAMITE SIGN M383-H
1508		M383~j	S	PROTO-ELAMITE SIGN M383-J
1509		M383~k	S	PROTO-ELAMITE SIGN M383-K
1510		M383~m	S	PROTO-ELAMITE SIGN M383-M
1511		M383~n	S	PROTO-ELAMITE SIGN M383-N
1512		M384	S	PROTO-ELAMITE SIGN M384
1513		M384~a	S	PROTO-ELAMITE SIGN M384-A

#	Sign	CDLI Name	Type	Unicode Character Name
1514		M384~ab	S	PROTO-ELAMITE SIGN M384-AB
1515		M384~b	S	PROTO-ELAMITE SIGN M384-B
1516		M384~c	S	PROTO-ELAMITE SIGN M384-C
1517		M384~d	S	PROTO-ELAMITE SIGN M384-D
1518		M384~d1	S	PROTO-ELAMITE SIGN M384-D1 → Possible alternate of M384~d
1519		M384~d2	S	PROTO-ELAMITE SIGN M384-D2 → Possible alternate of M384~d
1520		M384~e	S	PROTO-ELAMITE SIGN M384-E
1521		M384~f	S	PROTO-ELAMITE SIGN M384-F
1522		M384~h	S	PROTO-ELAMITE SIGN M384-H
1523		M384~i	S	PROTO-ELAMITE SIGN M384-I
1524		M385	S	PROTO-ELAMITE SIGN M385
1525		M385~a	S	PROTO-ELAMITE SIGN M385-A
1526		M385~c	S	PROTO-ELAMITE SIGN M385-C
1527		M385~f	S	PROTO-ELAMITE SIGN M385-F
1528		M386	S	PROTO-ELAMITE SIGN M386
1529		M386+M111~j	CG	PROTO-ELAMITE SIGN M386 AND M111-J → M111~j is not separately enumerated in sign lists
1530		M386~a	S	PROTO-ELAMITE SIGN M386-A
1531		M386~d	S	PROTO-ELAMITE SIGN M386-D

#	Sign	CDLI Name	Type	Unicode Character Name
1532		M386~da	S	PROTO-ELAMITE SIGN M386-DA
1533		M386~q	S	PROTO-ELAMITE SIGN M386-Q
1534		M387	S	PROTO-ELAMITE SIGN M387
1535		M387~a	S	PROTO-ELAMITE SIGN M387-A
1536		M387~b	S	PROTO-ELAMITE SIGN M387-B
1537		M387~c	S	PROTO-ELAMITE SIGN M387-C
1538		M387~ca	S	PROTO-ELAMITE SIGN M387-CA
1539		M387~ca+M340+M387~ca	CG	PROTO-ELAMITE SIGN M387-CA AND M340 AND M387-CA
1540		M387~ee	S	PROTO-ELAMITE SIGN M387-EE
1541		M387~ee1 → Possible alternate of M387~ee	S	PROTO-ELAMITE SIGN M387-EE1
1542		M387~ef	S	PROTO-ELAMITE SIGN M387-EF
1543		M387~ef1 → Possible alternate of M387~ef	S	PROTO-ELAMITE SIGN M387-EF1
1544		M387~eg	S	PROTO-ELAMITE SIGN M387-EG
1545		M387~eh	S	PROTO-ELAMITE SIGN M387-EH
1546		M387~fa	S	PROTO-ELAMITE SIGN M387-FA
1547		M387~h	S	PROTO-ELAMITE SIGN M387-H
1548		M387~ha	S	PROTO-ELAMITE SIGN M387-HA
1549		M387~hb	S	PROTO-ELAMITE SIGN M387-HB
1550		M387~i	S	PROTO-ELAMITE SIGN M387-I

#	Sign	CDLI Name	Type	Unicode Character Name
1551		M387~j	S	PROTO-ELAMITE SIGN M387-J
1552		M387~l	S	PROTO-ELAMITE SIGN M387-L
1553		M387~l1 → Possible alternate of M387~l	S	PROTO-ELAMITE SIGN M387-L1
1554		M387~o	S	PROTO-ELAMITE SIGN M387-O
1555		M388	S	PROTO-ELAMITE SIGN M388
1556		M388~c	S	PROTO-ELAMITE SIGN M388-C
1557		M390	S	PROTO-ELAMITE SIGN M390
1558		M390+1(N14)	CCS	PROTO-ELAMITE SIGN M390 AND ONE-N14
1559		M391	S	PROTO-ELAMITE SIGN M391
1560		M393~a	S	PROTO-ELAMITE SIGN M393-A
1561		M393~b	S	PROTO-ELAMITE SIGN M393-B
1562		M393~e	S	PROTO-ELAMITE SIGN M393-E
1563		M393~f	S	PROTO-ELAMITE SIGN M393-F
1564		M393~fa	S	PROTO-ELAMITE SIGN M393-FA
1565		M401	S	PROTO-ELAMITE SIGN M401
1566		M402	S	PROTO-ELAMITE SIGN M402
1567		M410	S	PROTO-ELAMITE SIGN M410
1568		M411	S	PROTO-ELAMITE SIGN M411
1569		M412	S	PROTO-ELAMITE SIGN M412

#	Sign	CDLI Name	Type	Unicode Character Name
1570		M417~d	S	PROTO-ELAMITE SIGN M417-D
1571		M417~e	S	PROTO-ELAMITE SIGN M417-E
1572		M417~f	S	PROTO-ELAMITE SIGN M417-F
1573		M417~g	S	PROTO-ELAMITE SIGN M417-G
1574		M417~h	S	PROTO-ELAMITE SIGN M417-H
1575		M418~a	S	PROTO-ELAMITE SIGN M418-A
1576		M418~b	S	PROTO-ELAMITE SIGN M418-B
1577		M418~c	S	PROTO-ELAMITE SIGN M418-C
1578		M419	S	PROTO-ELAMITE SIGN M419
1579		M419~a	S	PROTO-ELAMITE SIGN M419-A
1580		M419~b	S	PROTO-ELAMITE SIGN M419-B
1581		M420	S	PROTO-ELAMITE SIGN M420
1582		M421	S	PROTO-ELAMITE SIGN M421
1583		M424	S	PROTO-ELAMITE SIGN M424
1584		M431	S	PROTO-ELAMITE SIGN M431
1585		M432	S	PROTO-ELAMITE SIGN M432
1586		M433	S	PROTO-ELAMITE SIGN M433
1587		M438	S	PROTO-ELAMITE SIGN M438
1588		M441	S	PROTO-ELAMITE SIGN M441
1589		M444	S	PROTO-ELAMITE SIGN M444

#	Sign	CDLI Name	Type	Unicode Character Name
1590		M445	S	PROTO-ELAMITE SIGN M445
1591		M446	S	PROTO-ELAMITE SIGN M446
1592		M447	S	PROTO-ELAMITE SIGN M447
1593		M447~b	S	PROTO-ELAMITE SIGN M447-B
1594		M447~c	S	PROTO-ELAMITE SIGN M447-C
1595		M447~d	S	PROTO-ELAMITE SIGN M447-D
1596		M448	S	PROTO-ELAMITE SIGN M448
1597		M449	S	PROTO-ELAMITE SIGN M449
1598		M450	S	PROTO-ELAMITE SIGN M450
1599		M452	S	PROTO-ELAMITE SIGN M452
1600		M453	S	PROTO-ELAMITE SIGN M453
1601		M454	S	PROTO-ELAMITE SIGN M454
1602		M455	S	PROTO-ELAMITE SIGN M455
1603		M458	S	PROTO-ELAMITE SIGN M458
1604		M461	S	PROTO-ELAMITE SIGN M461
1605		M461~b	S	PROTO-ELAMITE SIGN M461-B
1606		M461~q	S	PROTO-ELAMITE SIGN M461-Q
1607		M462	S	PROTO-ELAMITE SIGN M462
1608		M465	S	PROTO-ELAMITE SIGN M465
1609		M466	S	PROTO-ELAMITE SIGN M466

#	Sign	CDLI Name	Type	Unicode Character Name
1610		M467	S	PROTO-ELAMITE SIGN M467
1611		M468	S	PROTO-ELAMITE SIGN M468
1612		M469	S	PROTO-ELAMITE SIGN M469
1613		M470	S	PROTO-ELAMITE SIGN M470
1614		M471	S	PROTO-ELAMITE SIGN M471
1615		M471~b	S	PROTO-ELAMITE SIGN M471-B
1616		M479	S	PROTO-ELAMITE SIGN M479
1617		M480	S	PROTO-ELAMITE SIGN M480
1618		M482	S	PROTO-ELAMITE SIGN M482
1619		M483	S	PROTO-ELAMITE SIGN M483
1620		M483~b	S	PROTO-ELAMITE SIGN M483-B
1621		M483~c	S	PROTO-ELAMITE SIGN M483-C
1622		M486	S	PROTO-ELAMITE SIGN M486
1623		M489	S	PROTO-ELAMITE SIGN M489
1624		M490	S	PROTO-ELAMITE SIGN M490
1625		M491	S	PROTO-ELAMITE SIGN M491
1626		M492	S	PROTO-ELAMITE SIGN M492
1627		M495	S	PROTO-ELAMITE SIGN M495
1628		M496	S	PROTO-ELAMITE SIGN M496
1629		M497	S	PROTO-ELAMITE SIGN M497

#	Sign	CDLI Name	Type	Unicode Character Name
1630		M500	S	PROTO-ELAMITE SIGN M500
1631		M501	S	PROTO-ELAMITE SIGN M501
1632		M503	S	PROTO-ELAMITE SIGN M503
1633		M504	S	PROTO-ELAMITE SIGN M504
1634		M505	S	PROTO-ELAMITE SIGN M505
1635		M506	S	PROTO-ELAMITE SIGN M506

7 Character Data

Character Properties: UnicodeData.txt

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1BD00;PROTO-ELAMITE NUMBER ONE-N1;Nl;0;L;;;;1;N;;;;;
1BD01;PROTO-ELAMITE NUMBER ONE-N1 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD02;PROTO-ELAMITE NUMBER ONE-N1 WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD03;PROTO-ELAMITE NUMBER ONE-N2;Nl;0;L;;;;1;N;;;;;
1BD04;PROTO-ELAMITE NUMBER ONE-N8A;Nl;0;L;;;;1;N;;;;;
1BD05;PROTO-ELAMITE NUMBER ONE-N8B;Nl;0;L;;;;1;N;;;;;
1BD06;PROTO-ELAMITE NUMBER ONE-N14;Nl;0;L;;;;1;N;;;;;
1BD07;PROTO-ELAMITE NUMBER ONE-N14 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD08;PROTO-ELAMITE NUMBER ONE-N14 WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD09;PROTO-ELAMITE NUMBER ONE-N23;Nl;0;L;;;;1;N;;;;;
1BD0A;PROTO-ELAMITE NUMBER ONE-N24;Nl;0;L;;;;1;N;;;;;
1BD0B;PROTO-ELAMITE NUMBER ONE-N24 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD0C;PROTO-ELAMITE NUMBER ONE-N24 WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD0D;PROTO-ELAMITE NUMBER ONE-N30C;Nl;0;L;;;;1;N;;;;;
1BD0E;PROTO-ELAMITE NUMBER ONE-N30C WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD0F;PROTO-ELAMITE NUMBER ONE-N30C WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD10;PROTO-ELAMITE NUMBER ONE-N30D;Nl;0;L;;;;1;N;;;;;
1BD11;PROTO-ELAMITE NUMBER ONE-N30D WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD12;PROTO-ELAMITE NUMBER ONE-N30D WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD13;PROTO-ELAMITE NUMBER ONE-N34;Nl;0;L;;;;1;N;;;;;
1BD14;PROTO-ELAMITE NUMBER ONE-N34 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD15;PROTO-ELAMITE NUMBER ONE-N39A;Nl;0;L;;;;1;N;;;;;
1BD16;PROTO-ELAMITE NUMBER ONE-N39B;Nl;0;L;;;;1;N;;;;;
1BD17;PROTO-ELAMITE NUMBER ONE-N39B WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD18;PROTO-ELAMITE NUMBER ONE-N39B WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD19;PROTO-ELAMITE NUMBER ONE-N39C;Nl;0;L;;;;1;N;;;;;
1BD1A;PROTO-ELAMITE NUMBER ONE-N45;Nl;0;L;;;;1;N;;;;;
1BD1B;PROTO-ELAMITE NUMBER ONE-N45 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD1C;PROTO-ELAMITE NUMBER ONE-N46;Nl;0;L;;;;1;N;;;;;
1BD1D;PROTO-ELAMITE NUMBER ONE-N48;Nl;0;L;;;;1;N;;;;;
1BD1E;PROTO-ELAMITE NUMBER ONE-N51;Nl;0;L;;;;1;N;;;;;
1BD1F;PROTO-ELAMITE NUMBER ONE-N51 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD20;PROTO-ELAMITE NUMBER ONE-N51 WITH HATCHING;Nl;0;L;;;;1;N;;;;;
1BD21;PROTO-ELAMITE NUMBER ONE-N51G;Nl;0;L;;;;1;N;;;;;
1BD22;PROTO-ELAMITE NUMBER ONE-N54;Nl;0;L;;;;1;N;;;;;
1BD23;PROTO-ELAMITE NUMBER ONE-N54 WITH ENCLOSURE;Nl;0;L;;;;1;N;;;;;
1BD24;PROTO-ELAMITE NUMBER ONE-N54G;Nl;0;L;;;;1;N;;;;;
1BD25;PROTO-ELAMITE NUMBER TWO-N1;Nl;0;L;;;;2;N;;;;;
1BD26;PROTO-ELAMITE NUMBER TWO-N1 WITH ENCLOSURE;Nl;0;L;;;;2;N;;;;;
1BD27;PROTO-ELAMITE NUMBER TWO-N14;Nl;0;L;;;;2;N;;;;;
1BD28;PROTO-ELAMITE NUMBER TWO-N30C;Nl;0;L;;;;2;N;;;;;
1BD29;PROTO-ELAMITE NUMBER TWO-N30C WITH ENCLOSURE;Nl;0;L;;;;2;N;;;;;
1BD2A;PROTO-ELAMITE NUMBER THREE-N1;Nl;0;L;;;;3;N;;;;;
1BD2B;PROTO-ELAMITE NUMBER THREE-N1 WITH ENCLOSURE;Nl;0;L;;;;3;N;;;;;
1BD2C;PROTO-ELAMITE NUMBER THREE-N1 WITH HATCHING;Nl;0;L;;;;3;N;;;;;

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1BD2D;PROTO-ELAMITE NUMBER THREE-N14;N1;0;L;;;;;3;N;;;;;
 1BD2E;PROTO-ELAMITE NUMBER FOUR-N1;N1;0;L;;;;;4;N;;;;;
 1BD2F;PROTO-ELAMITE NUMBER FOUR-N14;N1;0;L;;;;;4;N;;;;;
 1BD30;PROTO-ELAMITE NUMBER FIVE-N1;N1;0;L;;;;;5;N;;;;;
 1BD31;PROTO-ELAMITE NUMBER FIVE-N14;N1;0;L;;;;;5;N;;;;;
 1BD32;PROTO-ELAMITE NUMBER SIX-N1;N1;0;L;;;;;6;N;;;;;
 1BD33;PROTO-ELAMITE NUMBER SIX-N14;N1;0;L;;;;;6;N;;;;;
 1BD34;PROTO-ELAMITE NUMBER SEVEN-N1;N1;0;L;;;;;7;N;;;;;
 1BD35;PROTO-ELAMITE NUMBER SEVEN-N14;N1;0;L;;;;;7;N;;;;;
 1BD36;PROTO-ELAMITE NUMBER EIGHT-N1;N1;0;L;;;;;8;N;;;;;
 1BD37;PROTO-ELAMITE NUMBER EIGHT-N14;N1;0;L;;;;;8;N;;;;;
 1BD38;PROTO-ELAMITE NUMBER NINE-N1;N1;0;L;;;;;9;N;;;;;
 1BD39;PROTO-ELAMITE NUMBER NINE-N14;N1;0;L;;;;;9;N;;;;;
 1BD3A;PROTO-ELAMITE SIGN M1;Lo;0;L;;;;;N;;;;;
 1BD3B;PROTO-ELAMITE SIGN M1 AND M379-C;Lo;0;L;;;;;N;;;;;
 1BD3C;PROTO-ELAMITE SIGN M1 AND M379-D;Lo;0;L;;;;;N;;;;;
 1BD3D;PROTO-ELAMITE SIGN M1-B;Lo;0;L;;;;;N;;;;;
 1BD3E;PROTO-ELAMITE SIGN M2;Lo;0;L;;;;;N;;;;;
 1BD3F;PROTO-ELAMITE SIGN M2 AND M379;Lo;0;L;;;;;N;;;;;
 1BD40;PROTO-ELAMITE SIGN M2-B;Lo;0;L;;;;;N;;;;;
 1BD41;PROTO-ELAMITE SIGN M3;Lo;0;L;;;;;N;;;;;
 1BD42;PROTO-ELAMITE SIGN M3-B;Lo;0;L;;;;;N;;;;;
 1BD43;PROTO-ELAMITE SIGN M3-B AND M379-C;Lo;0;L;;;;;N;;;;;
 1BD44;PROTO-ELAMITE SIGN M3-C;Lo;0;L;;;;;N;;;;;
 1BD45;PROTO-ELAMITE SIGN M4;Lo;0;L;;;;;N;;;;;
 1BD46;PROTO-ELAMITE SIGN M4-X;Lo;0;L;;;;;N;;;;;
 1BD47;PROTO-ELAMITE SIGN M5;Lo;0;L;;;;;N;;;;;
 1BD48;PROTO-ELAMITE SIGN M5-A;Lo;0;L;;;;;N;;;;;
 1BD49;PROTO-ELAMITE SIGN M6;Lo;0;L;;;;;N;;;;;
 1BD4A;PROTO-ELAMITE SIGN M6 ALTERNATE G;Lo;0;L;;;;;N;;;;;
 1BD4B;PROTO-ELAMITE SIGN M6 ALTERNATE G-1;Lo;0;L;;;;;N;;;;;
 1BD4C;PROTO-ELAMITE SIGN M6 ALTERNATE G-2;Lo;0;L;;;;;N;;;;;
 1BD4D;PROTO-ELAMITE SIGN M6-B;Lo;0;L;;;;;N;;;;;
 1BD4E;PROTO-ELAMITE SIGN M6-B ALTERNATE G;Lo;0;L;;;;;N;;;;;
 1BD4F;PROTO-ELAMITE SIGN M7-A;Lo;0;L;;;;;N;;;;;
 1BD50;PROTO-ELAMITE SIGN M7-B;Lo;0;L;;;;;N;;;;;
 1BD51;PROTO-ELAMITE SIGN M7-C;Lo;0;L;;;;;N;;;;;
 1BD52;PROTO-ELAMITE SIGN M7-D;Lo;0;L;;;;;N;;;;;
 1BD53;PROTO-ELAMITE SIGN M9;Lo;0;L;;;;;N;;;;;
 1BD54;PROTO-ELAMITE SIGN M9-A;Lo;0;L;;;;;N;;;;;
 1BD55;PROTO-ELAMITE SIGN M9-C;Lo;0;L;;;;;N;;;;;
 1BD56;PROTO-ELAMITE SIGN M9-D AND M346 AND M9-D;Lo;0;L;;;;;N;;;;;
 1BD57;PROTO-ELAMITE SIGN M9-E;Lo;0;L;;;;;N;;;;;
 1BD58;PROTO-ELAMITE SIGN M9-F;Lo;0;L;;;;;N;;;;;
 1BD59;PROTO-ELAMITE SIGN M9-G;Lo;0;L;;;;;N;;;;;
 1BD5A;PROTO-ELAMITE SIGN M9-H;Lo;0;L;;;;;N;;;;;
 1BD5B;PROTO-ELAMITE SIGN M9-I;Lo;0;L;;;;;N;;;;;
 1BD5C;PROTO-ELAMITE SIGN M10;Lo;0;L;;;;;N;;;;;
 1BD5D;PROTO-ELAMITE SIGN M10-1;Lo;0;L;;;;;N;;;;;
 1BD5E;PROTO-ELAMITE SIGN M10-2;Lo;0;L;;;;;N;;;;;

1BD5F;PROTO-ELAMITE SIGN M10-3;Lo;0;L;;;;;N;;;;;
 1BD60;PROTO-ELAMITE SIGN M10-4;Lo;0;L;;;;;N;;;;;
 1BD61;PROTO-ELAMITE SIGN M10-5;Lo;0;L;;;;;N;;;;;
 1BD62;PROTO-ELAMITE SIGN M10-6;Lo;0;L;;;;;N;;;;;
 1BD63;PROTO-ELAMITE SIGN M10-7;Lo;0;L;;;;;N;;;;;
 1BD64;PROTO-ELAMITE SIGN M11;Lo;0;L;;;;;N;;;;;
 1BD65;PROTO-ELAMITE SIGN M12;Lo;0;L;;;;;N;;;;;
 1BD66;PROTO-ELAMITE SIGN M13;Lo;0;L;;;;;N;;;;;
 1BD67;PROTO-ELAMITE SIGN M14-A;Lo;0;L;;;;;N;;;;;
 1BD68;PROTO-ELAMITE SIGN M14-B;Lo;0;L;;;;;N;;;;;
 1BD69;PROTO-ELAMITE SIGN M15;Lo;0;L;;;;;N;;;;;
 1BD6A;PROTO-ELAMITE SIGN M16;Lo;0;L;;;;;N;;;;;
 1BD6B;PROTO-ELAMITE SIGN M17;Lo;0;L;;;;;N;;;;;
 1BD6C;PROTO-ELAMITE SIGN M18;Lo;0;L;;;;;N;;;;;
 1BD6D;PROTO-ELAMITE SIGN M21;Lo;0;L;;;;;N;;;;;
 1BD6E;PROTO-ELAMITE SIGN M24;Lo;0;L;;;;;N;;;;;
 1BD6F;PROTO-ELAMITE SIGN M24-1;Lo;0;L;;;;;N;;;;;
 1BD70;PROTO-ELAMITE SIGN M24-A;Lo;0;L;;;;;N;;;;;
 1BD71;PROTO-ELAMITE SIGN M25;Lo;0;L;;;;;N;;;;;
 1BD72;PROTO-ELAMITE SIGN M25-A;Lo;0;L;;;;;N;;;;;
 1BD73;PROTO-ELAMITE SIGN M26-A;Lo;0;L;;;;;N;;;;;
 1BD74;PROTO-ELAMITE SIGN M26-B;Lo;0;L;;;;;N;;;;;
 1BD75;PROTO-ELAMITE SIGN M26-D;Lo;0;L;;;;;N;;;;;
 1BD76;PROTO-ELAMITE SIGN M26-H;Lo;0;L;;;;;N;;;;;
 1BD77;PROTO-ELAMITE SIGN M29;Lo;0;L;;;;;N;;;;;
 1BD78;PROTO-ELAMITE SIGN M29-A;Lo;0;L;;;;;N;;;;;
 1BD79;PROTO-ELAMITE SIGN M29-B;Lo;0;L;;;;;N;;;;;
 1BD7A;PROTO-ELAMITE SIGN M29-C;Lo;0;L;;;;;N;;;;;
 1BD7B;PROTO-ELAMITE SIGN M29-D;Lo;0;L;;;;;N;;;;;
 1BD7C;PROTO-ELAMITE SIGN M29-E;Lo;0;L;;;;;N;;;;;
 1BD7D;PROTO-ELAMITE SIGN M29-K;Lo;0;L;;;;;N;;;;;
 1BD7E;PROTO-ELAMITE SIGN M29-L;Lo;0;L;;;;;N;;;;;
 1BD7F;PROTO-ELAMITE SIGN M29-L AND ONE-N8A;Lo;0;L;;;;;N;;;;;
 1BD80;PROTO-ELAMITE SIGN M30-A;Lo;0;L;;;;;N;;;;;
 1BD81;PROTO-ELAMITE SIGN M30-C;Lo;0;L;;;;;N;;;;;
 1BD82;PROTO-ELAMITE SIGN M30-G;Lo;0;L;;;;;N;;;;;
 1BD83;PROTO-ELAMITE SIGN M32;Lo;0;L;;;;;N;;;;;
 1BD84;PROTO-ELAMITE SIGN M32-A;Lo;0;L;;;;;N;;;;;
 1BD85;PROTO-ELAMITE SIGN M32-B;Lo;0;L;;;;;N;;;;;
 1BD86;PROTO-ELAMITE SIGN M32-D;Lo;0;L;;;;;N;;;;;
 1BD87;PROTO-ELAMITE SIGN M32-E;Lo;0;L;;;;;N;;;;;
 1BD88;PROTO-ELAMITE SIGN M33;Lo;0;L;;;;;N;;;;;
 1BD89;PROTO-ELAMITE SIGN M33-A;Lo;0;L;;;;;N;;;;;
 1BD8A;PROTO-ELAMITE SIGN M33-C;Lo;0;L;;;;;N;;;;;
 1BD8B;PROTO-ELAMITE SIGN M34;Lo;0;L;;;;;N;;;;;
 1BD8C;PROTO-ELAMITE SIGN M34-A;Lo;0;L;;;;;N;;;;;
 1BD8D;PROTO-ELAMITE SIGN M35;Lo;0;L;;;;;N;;;;;
 1BD8E;PROTO-ELAMITE SIGN M36;Lo;0;L;;;;;N;;;;;
 1BD8F;PROTO-ELAMITE SIGN M36 AND ONE-N14;Lo;0;L;;;;;N;;;;;
 1BD90;PROTO-ELAMITE SIGN M36 AND ONE-N24;Lo;0;L;;;;;N;;;;;

1BD91;PROTO-ELAMITE SIGN M36 AND ONE-N24 AND M343-H;Lo;0;L;;;;;N;;;;;
 1BD92;PROTO-ELAMITE SIGN M36 AND ONE-N30C;Lo;0;L;;;;;N;;;;;
 1BD93;PROTO-ELAMITE SIGN M36 AND ONE-N30C AND 1N39C;Lo;0;L;;;;;N;;;;;
 1BD94;PROTO-ELAMITE SIGN M36 AND ONE-N30D;Lo;0;L;;;;;N;;;;;
 1BD95;PROTO-ELAMITE SIGN M36 AND ONE-N30D-1;Lo;0;L;;;;;N;;;;;
 1BD96;PROTO-ELAMITE SIGN M36 AND ONE-N30D AND M343-H;Lo;0;L;;;;;N;;;;;
 1BD97;PROTO-ELAMITE SIGN M36 AND ONE-N39B;Lo;0;L;;;;;N;;;;;
 1BD98;PROTO-ELAMITE SIGN M36 AND ONE-N39B AND M343-H;Lo;0;L;;;;;N;;;;;
 1BD99;PROTO-ELAMITE SIGN M36 AND ONE-N39C;Lo;0;L;;;;;N;;;;;
 1BD9A;PROTO-ELAMITE SIGN M36 AND M10;Lo;0;L;;;;;N;;;;;
 1BD9B;PROTO-ELAMITE SIGN M36 AND M35;Lo;0;L;;;;;N;;;;;
 1BD9C;PROTO-ELAMITE SIGN M36 AND M343-E;Lo;0;L;;;;;N;;;;;
 1BD9D;PROTO-ELAMITE SIGN M36 AND M343-H;Lo;0;L;;;;;N;;;;;
 1BD9E;PROTO-ELAMITE SIGN M36-A;Lo;0;L;;;;;N;;;;;
 1BD9F;PROTO-ELAMITE SIGN M37;Lo;0;L;;;;;N;;;;;
 1BDA0;PROTO-ELAMITE SIGN M37-A;Lo;0;L;;;;;N;;;;;
 1BDA1;PROTO-ELAMITE SIGN M38-A;Lo;0;L;;;;;N;;;;;
 1BDA2;PROTO-ELAMITE SIGN M38-A1;Lo;0;L;;;;;N;;;;;
 1BDA3;PROTO-ELAMITE SIGN M38-A2;Lo;0;L;;;;;N;;;;;
 1BDA4;PROTO-ELAMITE SIGN M38-B;Lo;0;L;;;;;N;;;;;
 1BDA5;PROTO-ELAMITE SIGN M38-B1;Lo;0;L;;;;;N;;;;;
 1BDA6;PROTO-ELAMITE SIGN M38-B2;Lo;0;L;;;;;N;;;;;
 1BDA7;PROTO-ELAMITE SIGN M38-C;Lo;0;L;;;;;N;;;;;
 1BDA8;PROTO-ELAMITE SIGN M38-E;Lo;0;L;;;;;N;;;;;
 1BDA9;PROTO-ELAMITE SIGN M38-E1;Lo;0;L;;;;;N;;;;;
 1BDAA;PROTO-ELAMITE SIGN M38-F;Lo;0;L;;;;;N;;;;;
 1BDAB;PROTO-ELAMITE SIGN M38-H;Lo;0;L;;;;;N;;;;;
 1BDAC;PROTO-ELAMITE SIGN M38-I;Lo;0;L;;;;;N;;;;;
 1BDAD;PROTO-ELAMITE SIGN M39;Lo;0;L;;;;;N;;;;;
 1BDAE;PROTO-ELAMITE SIGN M39 AND ONE-N30D;Lo;0;L;;;;;N;;;;;
 1BDAF;PROTO-ELAMITE SIGN M39-A;Lo;0;L;;;;;N;;;;;
 1BDB0;PROTO-ELAMITE SIGN M39-B;Lo;0;L;;;;;N;;;;;
 1BDB1;PROTO-ELAMITE SIGN M39-C;Lo;0;L;;;;;N;;;;;
 1BDB2;PROTO-ELAMITE SIGN M39-C1;Lo;0;L;;;;;N;;;;;
 1BDB3;PROTO-ELAMITE SIGN M39-C AND ONE-N30D;Lo;0;L;;;;;N;;;;;
 1BDB4;PROTO-ELAMITE SIGN M39-CA AND ONE-N30D;Lo;0;L;;;;;N;;;;;
 1BDB5;PROTO-ELAMITE SIGN M39-D;Lo;0;L;;;;;N;;;;;
 1BDB6;PROTO-ELAMITE SIGN M39-E;Lo;0;L;;;;;N;;;;;
 1BDB7;PROTO-ELAMITE SIGN M39-F;Lo;0;L;;;;;N;;;;;
 1BDB8;PROTO-ELAMITE SIGN M39-G;Lo;0;L;;;;;N;;;;;
 1BDB9;PROTO-ELAMITE SIGN M41;Lo;0;L;;;;;N;;;;;
 1BD9A;PROTO-ELAMITE SIGN M41-C;Lo;0;L;;;;;N;;;;;
 1BDBB;PROTO-ELAMITE SIGN M41-D;Lo;0;L;;;;;N;;;;;
 1BDBC;PROTO-ELAMITE SIGN M41-E;Lo;0;L;;;;;N;;;;;
 1BDBD;PROTO-ELAMITE SIGN M41-F;Lo;0;L;;;;;N;;;;;
 1BDBE;PROTO-ELAMITE SIGN M41-G;Lo;0;L;;;;;N;;;;;
 1BDBF;PROTO-ELAMITE SIGN M41-J;Lo;0;L;;;;;N;;;;;
 1BDC0;PROTO-ELAMITE SIGN M43;Lo;0;L;;;;;N;;;;;
 1BDC1;PROTO-ELAMITE SIGN M43-A;Lo;0;L;;;;;N;;;;;
 1BDC2;PROTO-ELAMITE SIGN M44;Lo;0;L;;;;;N;;;;;

1BDC3;PROTO-ELAMITE SIGN M44-A;Lo;0;L;;;;;N;;;;;
 1BDC4;PROTO-ELAMITE SIGN M44-B;Lo;0;L;;;;;N;;;;;
 1BDC5;PROTO-ELAMITE SIGN M44-M;Lo;0;L;;;;;N;;;;;
 1BDC6;PROTO-ELAMITE SIGN M45-B;Lo;0;L;;;;;N;;;;;
 1BDC7;PROTO-ELAMITE SIGN M46;Lo;0;L;;;;;N;;;;;
 1BDC8;PROTO-ELAMITE SIGN M46-1;Lo;0;L;;;;;N;;;;;
 1BDC9;PROTO-ELAMITE SIGN M46-A;Lo;0;L;;;;;N;;;;;
 1BDCA;PROTO-ELAMITE SIGN M47;Lo;0;L;;;;;N;;;;;
 1BDCB;PROTO-ELAMITE SIGN M48-C;Lo;0;L;;;;;N;;;;;
 1BDCC;PROTO-ELAMITE SIGN M48-D;Lo;0;L;;;;;N;;;;;
 1BD CD;PROTO-ELAMITE SIGN M48-E;Lo;0;L;;;;;N;;;;;
 1BDCE;PROTO-ELAMITE SIGN M48-G;Lo;0;L;;;;;N;;;;;
 1BD CF;PROTO-ELAMITE SIGN M48-I;Lo;0;L;;;;;N;;;;;
 1BDD0;PROTO-ELAMITE SIGN M48-K;Lo;0;L;;;;;N;;;;;
 1BDD1;PROTO-ELAMITE SIGN M49-B;Lo;0;L;;;;;N;;;;;
 1BDD2;PROTO-ELAMITE SIGN M49-C;Lo;0;L;;;;;N;;;;;
 1BDD3;PROTO-ELAMITE SIGN M49-C1;Lo;0;L;;;;;N;;;;;
 1BDD4;PROTO-ELAMITE SIGN M49-D;Lo;0;L;;;;;N;;;;;
 1BDD5;PROTO-ELAMITE SIGN M49-DA;Lo;0;L;;;;;N;;;;;
 1BDD6;PROTO-ELAMITE SIGN M49-E;Lo;0;L;;;;;N;;;;;
 1BDD7;PROTO-ELAMITE SIGN M49-M;Lo;0;L;;;;;N;;;;;
 1BDD8;PROTO-ELAMITE SIGN M49-N;Lo;0;L;;;;;N;;;;;
 1BDD9;PROTO-ELAMITE SIGN M50-F;Lo;0;L;;;;;N;;;;;
 1BD DA;PROTO-ELAMITE SIGN M50-K;Lo;0;L;;;;;N;;;;;
 1BDD B;PROTO-ELAMITE SIGN M50-K1;Lo;0;L;;;;;N;;;;;
 1BDDC;PROTO-ELAMITE SIGN M50-K2;Lo;0;L;;;;;N;;;;;
 1BDD D;PROTO-ELAMITE SIGN M50-K3;Lo;0;L;;;;;N;;;;;
 1BD DE;PROTO-ELAMITE SIGN M50-K4;Lo;0;L;;;;;N;;;;;
 1BDD F;PROTO-ELAMITE SIGN M50-M;Lo;0;L;;;;;N;;;;;
 1BDE0;PROTO-ELAMITE SIGN M50-N;Lo;0;L;;;;;N;;;;;
 1BDE1;PROTO-ELAMITE SIGN M50-P;Lo;0;L;;;;;N;;;;;
 1BDE2;PROTO-ELAMITE SIGN M50-Q;Lo;0;L;;;;;N;;;;;
 1BDE3;PROTO-ELAMITE SIGN M51-A;Lo;0;L;;;;;N;;;;;
 1BDE4;PROTO-ELAMITE SIGN M51-B;Lo;0;L;;;;;N;;;;;
 1BDE5;PROTO-ELAMITE SIGN M51-C;Lo;0;L;;;;;N;;;;;
 1BDE6;PROTO-ELAMITE SIGN M52-A;Lo;0;L;;;;;N;;;;;
 1BDE7;PROTO-ELAMITE SIGN M52-B;Lo;0;L;;;;;N;;;;;
 1BDE8;PROTO-ELAMITE SIGN M53-A;Lo;0;L;;;;;N;;;;;
 1BDE9;PROTO-ELAMITE SIGN M53-B;Lo;0;L;;;;;N;;;;;
 1BDEA;PROTO-ELAMITE SIGN M54;Lo;0;L;;;;;N;;;;;
 1BDEB;PROTO-ELAMITE SIGN M54 AND M365 AND M54-I;Lo;0;L;;;;;N;;;;;
 1BDEC;PROTO-ELAMITE SIGN M54 AND M384-I AND M54-I;Lo;0;L;;;;;N;;;;;
 1BDED;PROTO-ELAMITE SIGN M54 AND M393-F AND M54-I;Lo;0;L;;;;;N;;;;;
 1BDEE;PROTO-ELAMITE SIGN M54-B;Lo;0;L;;;;;N;;;;;
 1BDEF;PROTO-ELAMITE SIGN M54-C;Lo;0;L;;;;;N;;;;;
 1BDF0;PROTO-ELAMITE SIGN M54-I;Lo;0;L;;;;;N;;;;;
 1BDF1;PROTO-ELAMITE SIGN M56;Lo;0;L;;;;;N;;;;;
 1BDF2;PROTO-ELAMITE SIGN M56-E;Lo;0;L;;;;;N;;;;;
 1BDF3;PROTO-ELAMITE SIGN M56-F;Lo;0;L;;;;;N;;;;;
 1BDF4;PROTO-ELAMITE SIGN M56-G;Lo;0;L;;;;;N;;;;;

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1BDF5;PROTO-ELAMITE SIGN M56-N;Lo;0;L;;;;;N;;;;;
1BDF6;PROTO-ELAMITE SIGN M57;Lo;0;L;;;;;N;;;;;
1BDF7;PROTO-ELAMITE SIGN M57 AND M291;Lo;0;L;;;;;N;;;;;
1BDF8;PROTO-ELAMITE SIGN M57-A;Lo;0;L;;;;;N;;;;;
1BDF9;PROTO-ELAMITE SIGN M57-A1;Lo;0;L;;;;;N;;;;;
1BDFA;PROTO-ELAMITE SIGN M57-A2;Lo;0;L;;;;;N;;;;;
1BDFB;PROTO-ELAMITE SIGN M57-A4;Lo;0;L;;;;;N;;;;;
1BDFC;PROTO-ELAMITE SIGN M57-B;Lo;0;L;;;;;N;;;;;
1BDFD;PROTO-ELAMITE SIGN M57-B1;Lo;0;L;;;;;N;;;;;
1BDFE;PROTO-ELAMITE SIGN M57-D;Lo;0;L;;;;;N;;;;;
1BDFF;PROTO-ELAMITE SIGN M57-E;Lo;0;L;;;;;N;;;;;
1BE00;PROTO-ELAMITE SIGN M57-F;Lo;0;L;;;;;N;;;;;
1BE01;PROTO-ELAMITE SIGN M57-I;Lo;0;L;;;;;N;;;;;
1BE02;PROTO-ELAMITE SIGN M57-N;Lo;0;L;;;;;N;;;;;
1BE03;PROTO-ELAMITE SIGN M58;Lo;0;L;;;;;N;;;;;
1BE04;PROTO-ELAMITE SIGN M58-B;Lo;0;L;;;;;N;;;;;
1BE05;PROTO-ELAMITE SIGN M59;Lo;0;L;;;;;N;;;;;
1BE06;PROTO-ELAMITE SIGN M59 AND M38-A;Lo;0;L;;;;;N;;;;;
1BE07;PROTO-ELAMITE SIGN M59-A;Lo;0;L;;;;;N;;;;;
1BE08;PROTO-ELAMITE SIGN M59-B;Lo;0;L;;;;;N;;;;;
1BE09;PROTO-ELAMITE SIGN M59-D;Lo;0;L;;;;;N;;;;;
1BE0A;PROTO-ELAMITE SIGN M59-F;Lo;0;L;;;;;N;;;;;
1BE0B;PROTO-ELAMITE SIGN M59-F1;Lo;0;L;;;;;N;;;;;
1BE0C;PROTO-ELAMITE SIGN M59-G;Lo;0;L;;;;;N;;;;;
1BE0D;PROTO-ELAMITE SIGN M61;Lo;0;L;;;;;N;;;;;
1BE0E;PROTO-ELAMITE SIGN M61-A;Lo;0;L;;;;;N;;;;;
1BE0F;PROTO-ELAMITE SIGN M61-B;Lo;0;L;;;;;N;;;;;
1BE10;PROTO-ELAMITE SIGN M62;Lo;0;L;;;;;N;;;;;
1BE11;PROTO-ELAMITE SIGN M62-B;Lo;0;L;;;;;N;;;;;
1BE12;PROTO-ELAMITE SIGN M63;Lo;0;L;;;;;N;;;;;
1BE13;PROTO-ELAMITE SIGN M63-A;Lo;0;L;;;;;N;;;;;
1BE14;PROTO-ELAMITE SIGN M64;Lo;0;L;;;;;N;;;;;
1BE15;PROTO-ELAMITE SIGN M64-A;Lo;0;L;;;;;N;;;;;
1BE16;PROTO-ELAMITE SIGN M64-D;Lo;0;L;;;;;N;;;;;
1BE17;PROTO-ELAMITE SIGN M66;Lo;0;L;;;;;N;;;;;
1BE18;PROTO-ELAMITE SIGN M66-A;Lo;0;L;;;;;N;;;;;
1BE19;PROTO-ELAMITE SIGN M66-A1;Lo;0;L;;;;;N;;;;;
1BE1A;PROTO-ELAMITE SIGN M66-A2;Lo;0;L;;;;;N;;;;;
1BE1B;PROTO-ELAMITE SIGN M66-G;Lo;0;L;;;;;N;;;;;
1BE1C;PROTO-ELAMITE SIGN M66-H;Lo;0;L;;;;;N;;;;;
1BE1D;PROTO-ELAMITE SIGN M68-A;Lo;0;L;;;;;N;;;;;
1BE1E;PROTO-ELAMITE SIGN M68-B;Lo;0;L;;;;;N;;;;;
1BE1F;PROTO-ELAMITE SIGN M68-C;Lo;0;L;;;;;N;;;;;
1BE20;PROTO-ELAMITE SIGN M69-A;Lo;0;L;;;;;N;;;;;
1BE21;PROTO-ELAMITE SIGN M69-AB;Lo;0;L;;;;;N;;;;;
1BE22;PROTO-ELAMITE SIGN M69-AD;Lo;0;L;;;;;N;;;;;
1BE23;PROTO-ELAMITE SIGN M69-B;Lo;0;L;;;;;N;;;;;
1BE24;PROTO-ELAMITE SIGN M69-G;Lo;0;L;;;;;N;;;;;
1BE25;PROTO-ELAMITE SIGN M71-A;Lo;0;L;;;;;N;;;;;
1BE26;PROTO-ELAMITE SIGN M71-D;Lo;0;L;;;;;N;;;;;

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1BE27;PROTO-ELAMITE SIGN M72;Lo;0;L;;;;;N;;;;;
 1BE28;PROTO-ELAMITE SIGN M72-A;Lo;0;L;;;;;N;;;;;
 1BE29;PROTO-ELAMITE SIGN M73-A;Lo;0;L;;;;;N;;;;;
 1BE2A;PROTO-ELAMITE SIGN M73-B;Lo;0;L;;;;;N;;;;;
 1BE2B;PROTO-ELAMITE SIGN M73-B1;Lo;0;L;;;;;N;;;;;
 1BE2C;PROTO-ELAMITE SIGN M73-C;Lo;0;L;;;;;N;;;;;
 1BE2D;PROTO-ELAMITE SIGN M73-D;Lo;0;L;;;;;N;;;;;
 1BE2E;PROTO-ELAMITE SIGN M74-A;Lo;0;L;;;;;N;;;;;
 1BE2F;PROTO-ELAMITE SIGN M74-B;Lo;0;L;;;;;N;;;;;
 1BE30;PROTO-ELAMITE SIGN M74-D;Lo;0;L;;;;;N;;;;;
 1BE31;PROTO-ELAMITE SIGN M74-F;Lo;0;L;;;;;N;;;;;
 1BE32;PROTO-ELAMITE SIGN M74-G;Lo;0;L;;;;;N;;;;;
 1BE33;PROTO-ELAMITE SIGN M75-A;Lo;0;L;;;;;N;;;;;
 1BE34;PROTO-ELAMITE SIGN M75-AB;Lo;0;L;;;;;N;;;;;
 1BE35;PROTO-ELAMITE SIGN M75-E;Lo;0;L;;;;;N;;;;;
 1BE36;PROTO-ELAMITE SIGN M75-FF;Lo;0;L;;;;;N;;;;;
 1BE37;PROTO-ELAMITE SIGN M75-G;Lo;0;L;;;;;N;;;;;
 1BE38;PROTO-ELAMITE SIGN M75-GA;Lo;0;L;;;;;N;;;;;
 1BE39;PROTO-ELAMITE SIGN M75-H;Lo;0;L;;;;;N;;;;;
 1BE3A;PROTO-ELAMITE SIGN M75-K;Lo;0;L;;;;;N;;;;;
 1BE3B;PROTO-ELAMITE SIGN M75-M;Lo;0;L;;;;;N;;;;;
 1BE3C;PROTO-ELAMITE SIGN M75-O;Lo;0;L;;;;;N;;;;;
 1BE3D;PROTO-ELAMITE SIGN M75-O1;Lo;0;L;;;;;N;;;;;
 1BE3E;PROTO-ELAMITE SIGN M75-O2;Lo;0;L;;;;;N;;;;;
 1BE3F;PROTO-ELAMITE SIGN M75-R;Lo;0;L;;;;;N;;;;;
 1BE40;PROTO-ELAMITE SIGN M75-S;Lo;0;L;;;;;N;;;;;
 1BE41;PROTO-ELAMITE SIGN M76-A;Lo;0;L;;;;;N;;;;;
 1BE42;PROTO-ELAMITE SIGN M76-C;Lo;0;L;;;;;N;;;;;
 1BE43;PROTO-ELAMITE SIGN M76-D;Lo;0;L;;;;;N;;;;;
 1BE44;PROTO-ELAMITE SIGN M76-E;Lo;0;L;;;;;N;;;;;
 1BE45;PROTO-ELAMITE SIGN M77;Lo;0;L;;;;;N;;;;;
 1BE46;PROTO-ELAMITE SIGN M80-A;Lo;0;L;;;;;N;;;;;
 1BE47;PROTO-ELAMITE SIGN M80-B;Lo;0;L;;;;;N;;;;;
 1BE48;PROTO-ELAMITE SIGN M80-C;Lo;0;L;;;;;N;;;;;
 1BE49;PROTO-ELAMITE SIGN M80-CA;Lo;0;L;;;;;N;;;;;
 1BE4A;PROTO-ELAMITE SIGN M80-D;Lo;0;L;;;;;N;;;;;
 1BE4B;PROTO-ELAMITE SIGN M80-F;Lo;0;L;;;;;N;;;;;
 1BE4C;PROTO-ELAMITE SIGN M81;Lo;0;L;;;;;N;;;;;
 1BE4D;PROTO-ELAMITE SIGN M81-1;Lo;0;L;;;;;N;;;;;
 1BE4E;PROTO-ELAMITE SIGN M84;Lo;0;L;;;;;N;;;;;
 1BE4F;PROTO-ELAMITE SIGN M85;Lo;0;L;;;;;N;;;;;
 1BE50;PROTO-ELAMITE SIGN M86;Lo;0;L;;;;;N;;;;;
 1BE51;PROTO-ELAMITE SIGN M87;Lo;0;L;;;;;N;;;;;
 1BE52;PROTO-ELAMITE SIGN M87-B;Lo;0;L;;;;;N;;;;;
 1BE53;PROTO-ELAMITE SIGN M88;Lo;0;L;;;;;N;;;;;
 1BE54;PROTO-ELAMITE SIGN M89;Lo;0;L;;;;;N;;;;;
 1BE55;PROTO-ELAMITE SIGN M90;Lo;0;L;;;;;N;;;;;
 1BE56;PROTO-ELAMITE SIGN M91-A;Lo;0;L;;;;;N;;;;;
 1BE57;PROTO-ELAMITE SIGN M92;Lo;0;L;;;;;N;;;;;
 1BE58;PROTO-ELAMITE SIGN M93;Lo;0;L;;;;;N;;;;;

1BE59;PROTO-ELAMITE SIGN M93-A;Lo;0;L;;;;;N;;;;;
 1BE5A;PROTO-ELAMITE SIGN M94-E;Lo;0;L;;;;;N;;;;;
 1BE5B;PROTO-ELAMITE SIGN M94-I;Lo;0;L;;;;;N;;;;;
 1BE5C;PROTO-ELAMITE SIGN M96;Lo;0;L;;;;;N;;;;;
 1BE5D;PROTO-ELAMITE SIGN M96-1;Lo;0;L;;;;;N;;;;;
 1BE5E;PROTO-ELAMITE SIGN M96-2;Lo;0;L;;;;;N;;;;;
 1BE5F;PROTO-ELAMITE SIGN M96-3;Lo;0;L;;;;;N;;;;;
 1BE60;PROTO-ELAMITE SIGN M96 AND M29;Lo;0;L;;;;;N;;;;;
 1BE61;PROTO-ELAMITE SIGN M96 AND M139;Lo;0;L;;;;;N;;;;;
 1BE62;PROTO-ELAMITE SIGN M96-C;Lo;0;L;;;;;N;;;;;
 1BE63;PROTO-ELAMITE SIGN M96-D;Lo;0;L;;;;;N;;;;;
 1BE64;PROTO-ELAMITE SIGN M97-F;Lo;0;L;;;;;N;;;;;
 1BE65;PROTO-ELAMITE SIGN M97-H;Lo;0;L;;;;;N;;;;;
 1BE66;PROTO-ELAMITE SIGN M98;Lo;0;L;;;;;N;;;;;
 1BE67;PROTO-ELAMITE SIGN M99;Lo;0;L;;;;;N;;;;;
 1BE68;PROTO-ELAMITE SIGN M99-A;Lo;0;L;;;;;N;;;;;
 1BE69;PROTO-ELAMITE SIGN M99-B;Lo;0;L;;;;;N;;;;;
 1BE6A;PROTO-ELAMITE SIGN M101;Lo;0;L;;;;;N;;;;;
 1BE6B;PROTO-ELAMITE SIGN M101-B;Lo;0;L;;;;;N;;;;;
 1BE6C;PROTO-ELAMITE SIGN M102-A;Lo;0;L;;;;;N;;;;;
 1BE6D;PROTO-ELAMITE SIGN M102-C;Lo;0;L;;;;;N;;;;;
 1BE6E;PROTO-ELAMITE SIGN M102-D;Lo;0;L;;;;;N;;;;;
 1BE6F;PROTO-ELAMITE SIGN M102-D1;Lo;0;L;;;;;N;;;;;
 1BE70;PROTO-ELAMITE SIGN M102-DA;Lo;0;L;;;;;N;;;;;
 1BE71;PROTO-ELAMITE SIGN M102-E;Lo;0;L;;;;;N;;;;;
 1BE72;PROTO-ELAMITE SIGN M102-E2;Lo;0;L;;;;;N;;;;;
 1BE73;PROTO-ELAMITE SIGN M102-K;Lo;0;L;;;;;N;;;;;
 1BE74;PROTO-ELAMITE SIGN M102-K1;Lo;0;L;;;;;N;;;;;
 1BE75;PROTO-ELAMITE SIGN M102-K2;Lo;0;L;;;;;N;;;;;
 1BE76;PROTO-ELAMITE SIGN M102-L;Lo;0;L;;;;;N;;;;;
 1BE77;PROTO-ELAMITE SIGN M102-M;Lo;0;L;;;;;N;;;;;
 1BE78;PROTO-ELAMITE SIGN M103;Lo;0;L;;;;;N;;;;;
 1BE79;PROTO-ELAMITE SIGN M103-1;Lo;0;L;;;;;N;;;;;
 1BE7A;PROTO-ELAMITE SIGN M103-2;Lo;0;L;;;;;N;;;;;
 1BE7B;PROTO-ELAMITE SIGN M103-3;Lo;0;L;;;;;N;;;;;
 1BE7C;PROTO-ELAMITE SIGN M103-D;Lo;0;L;;;;;N;;;;;
 1BE7D;PROTO-ELAMITE SIGN M104;Lo;0;L;;;;;N;;;;;
 1BE7E;PROTO-ELAMITE SIGN M105;Lo;0;L;;;;;N;;;;;
 1BE7F;PROTO-ELAMITE SIGN M105-A;Lo;0;L;;;;;N;;;;;
 1BE80;PROTO-ELAMITE SIGN M105-AB;Lo;0;L;;;;;N;;;;;
 1BE81;PROTO-ELAMITE SIGN M105-B;Lo;0;L;;;;;N;;;;;
 1BE82;PROTO-ELAMITE SIGN M105-E;Lo;0;L;;;;;N;;;;;
 1BE83;PROTO-ELAMITE SIGN M105-G;Lo;0;L;;;;;N;;;;;
 1BE84;PROTO-ELAMITE SIGN M106;Lo;0;L;;;;;N;;;;;
 1BE85;PROTO-ELAMITE SIGN M106-1;Lo;0;L;;;;;N;;;;;
 1BE86;PROTO-ELAMITE SIGN M106 AND M96-C;Lo;0;L;;;;;N;;;;;
 1BE87;PROTO-ELAMITE SIGN M106 AND M288;Lo;0;L;;;;;N;;;;;
 1BE88;PROTO-ELAMITE SIGN M106 AND M288-1;Lo;0;L;;;;;N;;;;;
 1BE89;PROTO-ELAMITE SIGN M106-A;Lo;0;L;;;;;N;;;;;
 1BE8A;PROTO-ELAMITE SIGN M106-B;Lo;0;L;;;;;N;;;;;

1BE8B;PROTO-ELAMITE SIGN M107-A;Lo;0;L;;;;;N;;;;;
 1BE8C;PROTO-ELAMITE SIGN M109;Lo;0;L;;;;;N;;;;;
 1BE8D;PROTO-ELAMITE SIGN M110;Lo;0;L;;;;;N;;;;;
 1BE8E;PROTO-ELAMITE SIGN M110-A;Lo;0;L;;;;;N;;;;;
 1BE8F;PROTO-ELAMITE SIGN M110-B;Lo;0;L;;;;;N;;;;;
 1BE90;PROTO-ELAMITE SIGN M110-C;Lo;0;L;;;;;N;;;;;
 1BE91;PROTO-ELAMITE SIGN M111;Lo;0;L;;;;;N;;;;;
 1BE92;PROTO-ELAMITE SIGN M111-A;Lo;0;L;;;;;N;;;;;
 1BE93;PROTO-ELAMITE SIGN M111-B;Lo;0;L;;;;;N;;;;;
 1BE94;PROTO-ELAMITE SIGN M111-C;Lo;0;L;;;;;N;;;;;
 1BE95;PROTO-ELAMITE SIGN M111-D;Lo;0;L;;;;;N;;;;;
 1BE96;PROTO-ELAMITE SIGN M111-E;Lo;0;L;;;;;N;;;;;
 1BE97;PROTO-ELAMITE SIGN M111-F;Lo;0;L;;;;;N;;;;;
 1BE98;PROTO-ELAMITE SIGN M111-G;Lo;0;L;;;;;N;;;;;
 1BE99;PROTO-ELAMITE SIGN M111-H;Lo;0;L;;;;;N;;;;;
 1BE9A;PROTO-ELAMITE SIGN M111-I;Lo;0;L;;;;;N;;;;;
 1BE9B;PROTO-ELAMITE SIGN M111-J1;Lo;0;L;;;;;N;;;;;
 1BE9C;PROTO-ELAMITE SIGN M111-J2;Lo;0;L;;;;;N;;;;;
 1BE9D;PROTO-ELAMITE SIGN M111-L;Lo;0;L;;;;;N;;;;;
 1BE9E;PROTO-ELAMITE SIGN M111-M;Lo;0;L;;;;;N;;;;;
 1BE9F;PROTO-ELAMITE SIGN M111-N;Lo;0;L;;;;;N;;;;;
 1BEA0;PROTO-ELAMITE SIGN M111-O;Lo;0;L;;;;;N;;;;;
 1BEA1;PROTO-ELAMITE SIGN M111-O1;Lo;0;L;;;;;N;;;;;
 1BEA2;PROTO-ELAMITE SIGN M111-P;Lo;0;L;;;;;N;;;;;
 1BEA3;PROTO-ELAMITE SIGN M112;Lo;0;L;;;;;N;;;;;
 1BEA4;PROTO-ELAMITE SIGN M112-1;Lo;0;L;;;;;N;;;;;
 1BEA5;PROTO-ELAMITE SIGN M112-A;Lo;0;L;;;;;N;;;;;
 1BEA6;PROTO-ELAMITE SIGN M112-AA;Lo;0;L;;;;;N;;;;;
 1BEA7;PROTO-ELAMITE SIGN M112-B;Lo;0;L;;;;;N;;;;;
 1BEA8;PROTO-ELAMITE SIGN M112-C;Lo;0;L;;;;;N;;;;;
 1BEA9;PROTO-ELAMITE SIGN M112-D;Lo;0;L;;;;;N;;;;;
 1BEAA;PROTO-ELAMITE SIGN M112-E;Lo;0;L;;;;;N;;;;;
 1BEAB;PROTO-ELAMITE SIGN M112-E1;Lo;0;L;;;;;N;;;;;
 1BEAC;PROTO-ELAMITE SIGN M112-F;Lo;0;L;;;;;N;;;;;
 1BEAD;PROTO-ELAMITE SIGN M112-I;Lo;0;L;;;;;N;;;;;
 1BEAE;PROTO-ELAMITE SIGN M112-N;Lo;0;L;;;;;N;;;;;
 1BEAF;PROTO-ELAMITE SIGN M112-O;Lo;0;L;;;;;N;;;;;
 1BEB0;PROTO-ELAMITE SIGN M112-P;Lo;0;L;;;;;N;;;;;
 1BEB1;PROTO-ELAMITE SIGN M112-Q;Lo;0;L;;;;;N;;;;;
 1BEB2;PROTO-ELAMITE SIGN M112-R;Lo;0;L;;;;;N;;;;;
 1BEB3;PROTO-ELAMITE SIGN M114;Lo;0;L;;;;;N;;;;;
 1BEB4;PROTO-ELAMITE SIGN M115;Lo;0;L;;;;;N;;;;;
 1BEB5;PROTO-ELAMITE SIGN M115-A;Lo;0;L;;;;;N;;;;;
 1BEB6;PROTO-ELAMITE SIGN M115-B;Lo;0;L;;;;;N;;;;;
 1BEB7;PROTO-ELAMITE SIGN M117;Lo;0;L;;;;;N;;;;;
 1BEB8;PROTO-ELAMITE SIGN M120;Lo;0;L;;;;;N;;;;;
 1BEB9;PROTO-ELAMITE SIGN M122;Lo;0;L;;;;;N;;;;;
 1BEBA;PROTO-ELAMITE SIGN M122-1;Lo;0;L;;;;;N;;;;;
 1BEBB;PROTO-ELAMITE SIGN M122-2;Lo;0;L;;;;;N;;;;;
 1BEBC;PROTO-ELAMITE SIGN M122-3;Lo;0;L;;;;;N;;;;;

1BEBD;PROTO-ELAMITE SIGN M122-4;Lo;0;L;;;;;N;;;;;
 1BEBE;PROTO-ELAMITE SIGN M122-5;Lo;0;L;;;;;N;;;;;
 1BEBF;PROTO-ELAMITE SIGN M122-6;Lo;0;L;;;;;N;;;;;
 1BEC0;PROTO-ELAMITE SIGN M123-B;Lo;0;L;;;;;N;;;;;
 1BEC1;PROTO-ELAMITE SIGN M123-CA;Lo;0;L;;;;;N;;;;;
 1BEC2;PROTO-ELAMITE SIGN M123-D;Lo;0;L;;;;;N;;;;;
 1BEC3;PROTO-ELAMITE SIGN M124;Lo;0;L;;;;;N;;;;;
 1BEC4;PROTO-ELAMITE SIGN M124-A;Lo;0;L;;;;;N;;;;;
 1BEC5;PROTO-ELAMITE SIGN M124-B;Lo;0;L;;;;;N;;;;;
 1BEC6;PROTO-ELAMITE SIGN M124-C;Lo;0;L;;;;;N;;;;;
 1BEC7;PROTO-ELAMITE SIGN M125;Lo;0;L;;;;;N;;;;;
 1BEC8;PROTO-ELAMITE SIGN M125-A;Lo;0;L;;;;;N;;;;;
 1BEC9;PROTO-ELAMITE SIGN M125-B;Lo;0;L;;;;;N;;;;;
 1BECA;PROTO-ELAMITE SIGN M126;Lo;0;L;;;;;N;;;;;
 1BECB;PROTO-ELAMITE SIGN M127 AND M127;Lo;0;L;;;;;N;;;;;
 1BECC;PROTO-ELAMITE SIGN M128;Lo;0;L;;;;;N;;;;;
 1BECD;PROTO-ELAMITE SIGN M128-1;Lo;0;L;;;;;N;;;;;
 1BECE;PROTO-ELAMITE SIGN M128-CA;Lo;0;L;;;;;N;;;;;
 1BECF;PROTO-ELAMITE SIGN M128-D;Lo;0;L;;;;;N;;;;;
 1BED0;PROTO-ELAMITE SIGN M128-DA;Lo;0;L;;;;;N;;;;;
 1BED1;PROTO-ELAMITE SIGN M128-DA1;Lo;0;L;;;;;N;;;;;
 1BED2;PROTO-ELAMITE SIGN M128-DB;Lo;0;L;;;;;N;;;;;
 1BED3;PROTO-ELAMITE SIGN M128-DC;Lo;0;L;;;;;N;;;;;
 1BED4;PROTO-ELAMITE SIGN M128-DD;Lo;0;L;;;;;N;;;;;
 1BED5;PROTO-ELAMITE SIGN M128-DE;Lo;0;L;;;;;N;;;;;
 1BED6;PROTO-ELAMITE SIGN M128-E;Lo;0;L;;;;;N;;;;;
 1BED7;PROTO-ELAMITE SIGN M128-EF;Lo;0;L;;;;;N;;;;;
 1BED8;PROTO-ELAMITE SIGN M129;Lo;0;L;;;;;N;;;;;
 1BED9;PROTO-ELAMITE SIGN M129-B;Lo;0;L;;;;;N;;;;;
 1BEDA;PROTO-ELAMITE SIGN M130-B;Lo;0;L;;;;;N;;;;;
 1BEDB;PROTO-ELAMITE SIGN M131;Lo;0;L;;;;;N;;;;;
 1BEDC;PROTO-ELAMITE SIGN M131 AND M388;Lo;0;L;;;;;N;;;;;
 1BEDD;PROTO-ELAMITE SIGN M131-A;Lo;0;L;;;;;N;;;;;
 1BEDE;PROTO-ELAMITE SIGN M131-D;Lo;0;L;;;;;N;;;;;
 1BEDF;PROTO-ELAMITE SIGN M131-E;Lo;0;L;;;;;N;;;;;
 1BEE0;PROTO-ELAMITE SIGN M131-F;Lo;0;L;;;;;N;;;;;
 1BEE1;PROTO-ELAMITE SIGN M131-G;Lo;0;L;;;;;N;;;;;
 1BEE2;PROTO-ELAMITE SIGN M131-H;Lo;0;L;;;;;N;;;;;
 1BEE3;PROTO-ELAMITE SIGN M131-IA;Lo;0;L;;;;;N;;;;;
 1BEE4;PROTO-ELAMITE SIGN M131-K;Lo;0;L;;;;;N;;;;;
 1BEE5;PROTO-ELAMITE SIGN M131-K1;Lo;0;L;;;;;N;;;;;
 1BEE6;PROTO-ELAMITE SIGN M134;Lo;0;L;;;;;N;;;;;
 1BEE7;PROTO-ELAMITE SIGN M134-A;Lo;0;L;;;;;N;;;;;
 1BEE8;PROTO-ELAMITE SIGN M134-B;Lo;0;L;;;;;N;;;;;
 1BEE9;PROTO-ELAMITE SIGN M134-BA;Lo;0;L;;;;;N;;;;;
 1BEEA;PROTO-ELAMITE SIGN M134-C;Lo;0;L;;;;;N;;;;;
 1BEEB;PROTO-ELAMITE SIGN M134-D;Lo;0;L;;;;;N;;;;;
 1BEEC;PROTO-ELAMITE SIGN M134-E;Lo;0;L;;;;;N;;;;;
 1BEED;PROTO-ELAMITE SIGN M134-F;Lo;0;L;;;;;N;;;;;
 1BEEE;PROTO-ELAMITE SIGN M134-G;Lo;0;L;;;;;N;;;;;

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1BEEF;PROTO-ELAMITE SIGN M135;Lo;0;L;;;;;N;;;;;
1BEF0;PROTO-ELAMITE SIGN M136;Lo;0;L;;;;;N;;;;;
1BEF1;PROTO-ELAMITE SIGN M136 AND M71-A;Lo;0;L;;;;;N;;;;;
1BEF2;PROTO-ELAMITE SIGN M136 AND M353;Lo;0;L;;;;;N;;;;;
1BEF3;PROTO-ELAMITE SIGN M136 AND M365;Lo;0;L;;;;;N;;;;;
1BEF4;PROTO-ELAMITE SIGN M136 AND M387;Lo;0;L;;;;;N;;;;;
1BEF5;PROTO-ELAMITE SIGN M136 AND MXXX;Lo;0;L;;;;;N;;;;;
1BEF6;PROTO-ELAMITE SIGN M136-A;Lo;0;L;;;;;N;;;;;
1BEF7;PROTO-ELAMITE SIGN M136-B;Lo;0;L;;;;;N;;;;;
1BEF8;PROTO-ELAMITE SIGN M136-C;Lo;0;L;;;;;N;;;;;
1BEF9;PROTO-ELAMITE SIGN M136-D;Lo;0;L;;;;;N;;;;;
1BEFA;PROTO-ELAMITE SIGN M136-E;Lo;0;L;;;;;N;;;;;
1BEFB;PROTO-ELAMITE SIGN M136-F;Lo;0;L;;;;;N;;;;;
1BEFC;PROTO-ELAMITE SIGN M136-G;Lo;0;L;;;;;N;;;;;
1BEFD;PROTO-ELAMITE SIGN M136-H;Lo;0;L;;;;;N;;;;;
1BEFE;PROTO-ELAMITE SIGN M136-I;Lo;0;L;;;;;N;;;;;
1BEFF;PROTO-ELAMITE SIGN M136-J;Lo;0;L;;;;;N;;;;;
1BF00;PROTO-ELAMITE SIGN M136-K;Lo;0;L;;;;;N;;;;;
1BF01;PROTO-ELAMITE SIGN M136-L;Lo;0;L;;;;;N;;;;;
1BF02;PROTO-ELAMITE SIGN M136-M;Lo;0;L;;;;;N;;;;;
1BF03;PROTO-ELAMITE SIGN M136-N;Lo;0;L;;;;;N;;;;;
1BF04;PROTO-ELAMITE SIGN M136-O;Lo;0;L;;;;;N;;;;;
1BF05;PROTO-ELAMITE SIGN M136-P;Lo;0;L;;;;;N;;;;;
1BF06;PROTO-ELAMITE SIGN M136-Q;Lo;0;L;;;;;N;;;;;
1BF07;PROTO-ELAMITE SIGN M136-R;Lo;0;L;;;;;N;;;;;
1BF08;PROTO-ELAMITE SIGN M136-S;Lo;0;L;;;;;N;;;;;
1BF09;PROTO-ELAMITE SIGN M136-T;Lo;0;L;;;;;N;;;;;
1BF0A;PROTO-ELAMITE SIGN M136-U;Lo;0;L;;;;;N;;;;;
1BF0B;PROTO-ELAMITE SIGN M136-W;Lo;0;L;;;;;N;;;;;
1BF0C;PROTO-ELAMITE SIGN M139;Lo;0;L;;;;;N;;;;;
1BF0D;PROTO-ELAMITE SIGN M139-A1;Lo;0;L;;;;;N;;;;;
1BF0E;PROTO-ELAMITE SIGN M139-A2;Lo;0;L;;;;;N;;;;;
1BF0F;PROTO-ELAMITE SIGN M140-A;Lo;0;L;;;;;N;;;;;
1BF10;PROTO-ELAMITE SIGN M141;Lo;0;L;;;;;N;;;;;
1BF11;PROTO-ELAMITE SIGN M141-A;Lo;0;L;;;;;N;;;;;
1BF12;PROTO-ELAMITE SIGN M141-B;Lo;0;L;;;;;N;;;;;
1BF13;PROTO-ELAMITE SIGN M142;Lo;0;L;;;;;N;;;;;
1BF14;PROTO-ELAMITE SIGN M143;Lo;0;L;;;;;N;;;;;
1BF15;PROTO-ELAMITE SIGN M143-A;Lo;0;L;;;;;N;;;;;
1BF16;PROTO-ELAMITE SIGN M143-D;Lo;0;L;;;;;N;;;;;
1BF17;PROTO-ELAMITE SIGN M144;Lo;0;L;;;;;N;;;;;
1BF18;PROTO-ELAMITE SIGN M144-A;Lo;0;L;;;;;N;;;;;
1BF19;PROTO-ELAMITE SIGN M145;Lo;0;L;;;;;N;;;;;
1BF1A;PROTO-ELAMITE SIGN M145-A;Lo;0;L;;;;;N;;;;;
1BF1B;PROTO-ELAMITE SIGN M145-B;Lo;0;L;;;;;N;;;;;
1BF1C;PROTO-ELAMITE SIGN M145-BB;Lo;0;L;;;;;N;;;;;
1BF1D;PROTO-ELAMITE SIGN M145-C;Lo;0;L;;;;;N;;;;;
1BF1E;PROTO-ELAMITE SIGN M145-D;Lo;0;L;;;;;N;;;;;
1BF1F;PROTO-ELAMITE SIGN M145-E;Lo;0;L;;;;;N;;;;;
1BF20;PROTO-ELAMITE SIGN M145-F;Lo;0;L;;;;;N;;;;;

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1BF21;PROTO-ELAMITE SIGN M145-N;Lo;0;L;;;;;N;;;;;
 1BF22;PROTO-ELAMITE SIGN M146;Lo;0;L;;;;;N;;;;;
 1BF23;PROTO-ELAMITE SIGN M146-0;Lo;0;L;;;;;N;;;;;
 1BF24;PROTO-ELAMITE SIGN M146-1;Lo;0;L;;;;;N;;;;;
 1BF25;PROTO-ELAMITE SIGN M146-2;Lo;0;L;;;;;N;;;;;
 1BF26;PROTO-ELAMITE SIGN M146-3;Lo;0;L;;;;;N;;;;;
 1BF27;PROTO-ELAMITE SIGN M146-4;Lo;0;L;;;;;N;;;;;
 1BF28;PROTO-ELAMITE SIGN M146-D;Lo;0;L;;;;;N;;;;;
 1BF29;PROTO-ELAMITE SIGN M146-E;Lo;0;L;;;;;N;;;;;
 1BF2A;PROTO-ELAMITE SIGN M146-F;Lo;0;L;;;;;N;;;;;
 1BF2B;PROTO-ELAMITE SIGN M147;Lo;0;L;;;;;N;;;;;
 1BF2C;PROTO-ELAMITE SIGN M147-A;Lo;0;L;;;;;N;;;;;
 1BF2D;PROTO-ELAMITE SIGN M147-B;Lo;0;L;;;;;N;;;;;
 1BF2E;PROTO-ELAMITE SIGN M147-D;Lo;0;L;;;;;N;;;;;
 1BF2F;PROTO-ELAMITE SIGN M147-E;Lo;0;L;;;;;N;;;;;
 1BF30;PROTO-ELAMITE SIGN M149-A;Lo;0;L;;;;;N;;;;;
 1BF31;PROTO-ELAMITE SIGN M149-A1;Lo;0;L;;;;;N;;;;;
 1BF32;PROTO-ELAMITE SIGN M149-A2;Lo;0;L;;;;;N;;;;;
 1BF33;PROTO-ELAMITE SIGN M149-A3;Lo;0;L;;;;;N;;;;;
 1BF34;PROTO-ELAMITE SIGN M149-C;Lo;0;L;;;;;N;;;;;
 1BF35;PROTO-ELAMITE SIGN M149-D;Lo;0;L;;;;;N;;;;;
 1BF36;PROTO-ELAMITE SIGN M149-G;Lo;0;L;;;;;N;;;;;
 1BF37;PROTO-ELAMITE SIGN M149-H;Lo;0;L;;;;;N;;;;;
 1BF38;PROTO-ELAMITE SIGN M150;Lo;0;L;;;;;N;;;;;
 1BF39;PROTO-ELAMITE SIGN M150-A;Lo;0;L;;;;;N;;;;;
 1BF3A;PROTO-ELAMITE SIGN M151;Lo;0;L;;;;;N;;;;;
 1BF3B;PROTO-ELAMITE SIGN M151-A;Lo;0;L;;;;;N;;;;;
 1BF3C;PROTO-ELAMITE SIGN M151-B;Lo;0;L;;;;;N;;;;;
 1BF3D;PROTO-ELAMITE SIGN M151-C;Lo;0;L;;;;;N;;;;;
 1BF3E;PROTO-ELAMITE SIGN M151-D;Lo;0;L;;;;;N;;;;;
 1BF3F;PROTO-ELAMITE SIGN M151-E;Lo;0;L;;;;;N;;;;;
 1BF40;PROTO-ELAMITE SIGN M151-F;Lo;0;L;;;;;N;;;;;
 1BF41;PROTO-ELAMITE SIGN M152;Lo;0;L;;;;;N;;;;;
 1BF42;PROTO-ELAMITE SIGN M152-D;Lo;0;L;;;;;N;;;;;
 1BF43;PROTO-ELAMITE SIGN M152-E;Lo;0;L;;;;;N;;;;;
 1BF44;PROTO-ELAMITE SIGN M152-F;Lo;0;L;;;;;N;;;;;
 1BF45;PROTO-ELAMITE SIGN M152-G;Lo;0;L;;;;;N;;;;;
 1BF46;PROTO-ELAMITE SIGN M153;Lo;0;L;;;;;N;;;;;
 1BF47;PROTO-ELAMITE SIGN M153 AND M6-A;Lo;0;L;;;;;N;;;;;
 1BF48;PROTO-ELAMITE SIGN M153 AND M29;Lo;0;L;;;;;N;;;;;
 1BF49;PROTO-ELAMITE SIGN M153 AND M106;Lo;0;L;;;;;N;;;;;
 1BF4A;PROTO-ELAMITE SIGN M153 AND M106-A;Lo;0;L;;;;;N;;;;;
 1BF4B;PROTO-ELAMITE SIGN M153 AND M205-C;Lo;0;L;;;;;N;;;;;
 1BF4C;PROTO-ELAMITE SIGN M153 AND M320 AND M153;Lo;0;L;;;;;N;;;;;
 1BF4D;PROTO-ELAMITE SIGN M153 AND M342;Lo;0;L;;;;;N;;;;;
 1BF4E;PROTO-ELAMITE SIGN M153 AND M377-E AND M153;Lo;0;L;;;;;N;;;;;
 1BF4F;PROTO-ELAMITE SIGN M154-B;Lo;0;L;;;;;N;;;;;
 1BF50;PROTO-ELAMITE SIGN M154-S;Lo;0;L;;;;;N;;;;;
 1BF51;PROTO-ELAMITE SIGN M155;Lo;0;L;;;;;N;;;;;
 1BF52;PROTO-ELAMITE SIGN M155-F;Lo;0;L;;;;;N;;;;;

1BF53;PROTO-ELAMITE SIGN M156;Lo;0;L;;;;;N;;;;;
 1BF54;PROTO-ELAMITE SIGN M157;Lo;0;L;;;;;N;;;;;
 1BF55;PROTO-ELAMITE SIGN M157 AND M29;Lo;0;L;;;;;N;;;;;
 1BF56;PROTO-ELAMITE SIGN M157 AND M57;Lo;0;L;;;;;N;;;;;
 1BF57;PROTO-ELAMITE SIGN M157 AND M59;Lo;0;L;;;;;N;;;;;
 1BF58;PROTO-ELAMITE SIGN M157 AND M80-C;Lo;0;L;;;;;N;;;;;
 1BF59;PROTO-ELAMITE SIGN M157 AND M111-F;Lo;0;L;;;;;N;;;;;
 1BF5A;PROTO-ELAMITE SIGN M157 AND M111-I;Lo;0;L;;;;;N;;;;;
 1BF5B;PROTO-ELAMITE SIGN M157 AND M131;Lo;0;L;;;;;N;;;;;
 1BF5C;PROTO-ELAMITE SIGN M157 AND M131-D;Lo;0;L;;;;;N;;;;;
 1BF5D;PROTO-ELAMITE SIGN M157 AND M136;Lo;0;L;;;;;N;;;;;
 1BF5E;PROTO-ELAMITE SIGN M157 AND M153;Lo;0;L;;;;;N;;;;;
 1BF5F;PROTO-ELAMITE SIGN M157 AND M288;Lo;0;L;;;;;N;;;;;
 1BF60;PROTO-ELAMITE SIGN M157 AND M340;Lo;0;L;;;;;N;;;;;
 1BF61;PROTO-ELAMITE SIGN M157 AND M348;Lo;0;L;;;;;N;;;;;
 1BF62;PROTO-ELAMITE SIGN M157 AND M377-E AND M377-E;Lo;0;L;;;;;N;;;;;
 1BF63;PROTO-ELAMITE SIGN M157 AND M381;Lo;0;L;;;;;N;;;;;
 1BF64;PROTO-ELAMITE SIGN M157-A;Lo;0;L;;;;;N;;;;;
 1BF65;PROTO-ELAMITE SIGN M157-A AND M66;Lo;0;L;;;;;N;;;;;
 1BF66;PROTO-ELAMITE SIGN M157-A AND M80-C;Lo;0;L;;;;;N;;;;;
 1BF67;PROTO-ELAMITE SIGN M157-A AND M131;Lo;0;L;;;;;N;;;;;
 1BF68;PROTO-ELAMITE SIGN M157-A AND M131-A;Lo;0;L;;;;;N;;;;;
 1BF69;PROTO-ELAMITE SIGN M157-A AND M131-D;Lo;0;L;;;;;N;;;;;
 1BF6A;PROTO-ELAMITE SIGN M157-A AND M342;Lo;0;L;;;;;N;;;;;
 1BF6B;PROTO-ELAMITE SIGN M157-A AND M348;Lo;0;L;;;;;N;;;;;
 1BF6C;PROTO-ELAMITE SIGN M157-A AND M367;Lo;0;L;;;;;N;;;;;
 1BF6D;PROTO-ELAMITE SIGN M158;Lo;0;L;;;;;N;;;;;
 1BF6E;PROTO-ELAMITE SIGN M158-B;Lo;0;L;;;;;N;;;;;
 1BF6F;PROTO-ELAMITE SIGN M158-C;Lo;0;L;;;;;N;;;;;
 1BF70;PROTO-ELAMITE SIGN M158-D;Lo;0;L;;;;;N;;;;;
 1BF71;PROTO-ELAMITE SIGN M158-E;Lo;0;L;;;;;N;;;;;
 1BF72;PROTO-ELAMITE SIGN M158-H;Lo;0;L;;;;;N;;;;;
 1BF73;PROTO-ELAMITE SIGN M159;Lo;0;L;;;;;N;;;;;
 1BF74;PROTO-ELAMITE SIGN M165;Lo;0;L;;;;;N;;;;;
 1BF75;PROTO-ELAMITE SIGN M167-A;Lo;0;L;;;;;N;;;;;
 1BF76;PROTO-ELAMITE SIGN M167-A AND M131-K;Lo;0;L;;;;;N;;;;;
 1BF77;PROTO-ELAMITE SIGN M172;Lo;0;L;;;;;N;;;;;
 1BF78;PROTO-ELAMITE SIGN M173;Lo;0;L;;;;;N;;;;;
 1BF79;PROTO-ELAMITE SIGN M175;Lo;0;L;;;;;N;;;;;
 1BF7A;PROTO-ELAMITE SIGN M175 AND M38-A;Lo;0;L;;;;;N;;;;;
 1BF7B;PROTO-ELAMITE SIGN M175 AND M131;Lo;0;L;;;;;N;;;;;
 1BF7C;PROTO-ELAMITE SIGN M175 AND M131-D;Lo;0;L;;;;;N;;;;;
 1BF7D;PROTO-ELAMITE SIGN M175 AND M136;Lo;0;L;;;;;N;;;;;
 1BF7E;PROTO-ELAMITE SIGN M175 AND M136-N;Lo;0;L;;;;;N;;;;;
 1BF7F;PROTO-ELAMITE SIGN M175 AND M153;Lo;0;L;;;;;N;;;;;
 1BF80;PROTO-ELAMITE SIGN M175 AND M157;Lo;0;L;;;;;N;;;;;
 1BF81;PROTO-ELAMITE SIGN M175 AND M175;Lo;0;L;;;;;N;;;;;
 1BF82;PROTO-ELAMITE SIGN M175 AND M203-A;Lo;0;L;;;;;N;;;;;
 1BF83;PROTO-ELAMITE SIGN M175 AND M286;Lo;0;L;;;;;N;;;;;
 1BF84;PROTO-ELAMITE SIGN M175 AND M288;Lo;0;L;;;;;N;;;;;

1BF85;PROTO-ELAMITE SIGN M175 AND M325-D;Lo;0;L;;;;;N;;;;;
 1BF86;PROTO-ELAMITE SIGN M175 AND M376;Lo;0;L;;;;;N;;;;;
 1BF87;PROTO-ELAMITE SIGN M175 AND M377 AND M377;Lo;0;L;;;;;N;;;;;
 1BF88;PROTO-ELAMITE SIGN M175 AND M380;Lo;0;L;;;;;N;;;;;
 1BF89;PROTO-ELAMITE SIGN M175 AND M381;Lo;0;L;;;;;N;;;;;
 1BF8A;PROTO-ELAMITE SIGN M175 AND M387-C;Lo;0;L;;;;;N;;;;;
 1BF8B;PROTO-ELAMITE SIGN M175 AND M388;Lo;0;L;;;;;N;;;;;
 1BF8C;PROTO-ELAMITE SIGN M175-B;Lo;0;L;;;;;N;;;;;
 1BF8D;PROTO-ELAMITE SIGN M176;Lo;0;L;;;;;N;;;;;
 1BF8E;PROTO-ELAMITE SIGN M176-B;Lo;0;L;;;;;N;;;;;
 1BF8F;PROTO-ELAMITE SIGN M177;Lo;0;L;;;;;N;;;;;
 1BF90;PROTO-ELAMITE SIGN M177-A;Lo;0;L;;;;;N;;;;;
 1BF91;PROTO-ELAMITE SIGN M180;Lo;0;L;;;;;N;;;;;
 1BF92;PROTO-ELAMITE SIGN M180-A;Lo;0;L;;;;;N;;;;;
 1BF93;PROTO-ELAMITE SIGN M180-B;Lo;0;L;;;;;N;;;;;
 1BF94;PROTO-ELAMITE SIGN M180-C;Lo;0;L;;;;;N;;;;;
 1BF95;PROTO-ELAMITE SIGN M184-B;Lo;0;L;;;;;N;;;;;
 1BF96;PROTO-ELAMITE SIGN M184-E;Lo;0;L;;;;;N;;;;;
 1BF97;PROTO-ELAMITE SIGN M188-E;Lo;0;L;;;;;N;;;;;
 1BF98;PROTO-ELAMITE SIGN M188-F;Lo;0;L;;;;;N;;;;;
 1BF99;PROTO-ELAMITE SIGN M188-G;Lo;0;L;;;;;N;;;;;
 1BF9A;PROTO-ELAMITE SIGN M193;Lo;0;L;;;;;N;;;;;
 1BF9B;PROTO-ELAMITE SIGN M193-A;Lo;0;L;;;;;N;;;;;
 1BF9C;PROTO-ELAMITE SIGN M193-AA;Lo;0;L;;;;;N;;;;;
 1BF9D;PROTO-ELAMITE SIGN M193-CA;Lo;0;L;;;;;N;;;;;
 1BF9E;PROTO-ELAMITE SIGN M193-E;Lo;0;L;;;;;N;;;;;
 1BF9F;PROTO-ELAMITE SIGN M193-F;Lo;0;L;;;;;N;;;;;
 1BFA0;PROTO-ELAMITE SIGN M193-G;Lo;0;L;;;;;N;;;;;
 1BFA1;PROTO-ELAMITE SIGN M193-M;Lo;0;L;;;;;N;;;;;
 1BFA2;PROTO-ELAMITE SIGN M195;Lo;0;L;;;;;N;;;;;
 1BFA3;PROTO-ELAMITE SIGN M195 AND M38;Lo;0;L;;;;;N;;;;;
 1BFA4;PROTO-ELAMITE SIGN M195 AND M38-A;Lo;0;L;;;;;N;;;;;
 1BFA5;PROTO-ELAMITE SIGN M195 AND M57;Lo;0;L;;;;;N;;;;;
 1BFA6;PROTO-ELAMITE SIGN M195 AND M57-A4;Lo;0;L;;;;;N;;;;;
 1BFA7;PROTO-ELAMITE SIGN M195-A;Lo;0;L;;;;;N;;;;;
 1BFA8;PROTO-ELAMITE SIGN M195-B;Lo;0;L;;;;;N;;;;;
 1BFA9;PROTO-ELAMITE SIGN M195-C;Lo;0;L;;;;;N;;;;;
 1BFAA;PROTO-ELAMITE SIGN M195-C1;Lo;0;L;;;;;N;;;;;
 1BFAB;PROTO-ELAMITE SIGN M195-M;Lo;0;L;;;;;N;;;;;
 1BFAC;PROTO-ELAMITE SIGN M197;Lo;0;L;;;;;N;;;;;
 1BFAD;PROTO-ELAMITE SIGN M200;Lo;0;L;;;;;N;;;;;
 1BFAE;PROTO-ELAMITE SIGN M200-1;Lo;0;L;;;;;N;;;;;
 1BFAF;PROTO-ELAMITE SIGN M200-A;Lo;0;L;;;;;N;;;;;
 1BFB0;PROTO-ELAMITE SIGN M201;Lo;0;L;;;;;N;;;;;
 1BFB1;PROTO-ELAMITE SIGN M201 AND M377;Lo;0;L;;;;;N;;;;;
 1BFB2;PROTO-ELAMITE SIGN M201 AND M377 AND M377;Lo;0;L;;;;;N;;;;;
 1BFB3;PROTO-ELAMITE SIGN M203-A;Lo;0;L;;;;;N;;;;;
 1BFB4;PROTO-ELAMITE SIGN M203-C;Lo;0;L;;;;;N;;;;;
 1BFB5;PROTO-ELAMITE SIGN M203-D;Lo;0;L;;;;;N;;;;;
 1BFB6;PROTO-ELAMITE SIGN M203-E;Lo;0;L;;;;;N;;;;;

1BFB7;PROTO-ELAMITE SIGN M204-G;Lo;0;L;;;;;N;;;;;
 1BFB8;PROTO-ELAMITE SIGN M205;Lo;0;L;;;;;N;;;;;
 1BFB9;PROTO-ELAMITE SIGN M205-A;Lo;0;L;;;;;N;;;;;
 1BFBA;PROTO-ELAMITE SIGN M205-B;Lo;0;L;;;;;N;;;;;
 1BFBB;PROTO-ELAMITE SIGN M205-C;Lo;0;L;;;;;N;;;;;
 1BFBC;PROTO-ELAMITE SIGN M205-D;Lo;0;L;;;;;N;;;;;
 1BFBD;PROTO-ELAMITE SIGN M205-G;Lo;0;L;;;;;N;;;;;
 1BFBE;PROTO-ELAMITE SIGN M206-B;Lo;0;L;;;;;N;;;;;
 1BFBF;PROTO-ELAMITE SIGN M206-D;Lo;0;L;;;;;N;;;;;
 1BFC0;PROTO-ELAMITE SIGN M206-D1;Lo;0;L;;;;;N;;;;;
 1BFC1;PROTO-ELAMITE SIGN M206-F;Lo;0;L;;;;;N;;;;;
 1BFC2;PROTO-ELAMITE SIGN M206-FA;Lo;0;L;;;;;N;;;;;
 1BFC3;PROTO-ELAMITE SIGN M206-G;Lo;0;L;;;;;N;;;;;
 1BFC4;PROTO-ELAMITE SIGN M206-G1;Lo;0;L;;;;;N;;;;;
 1BFC5;PROTO-ELAMITE SIGN M206-G2;Lo;0;L;;;;;N;;;;;
 1BFC6;PROTO-ELAMITE SIGN M206-I;Lo;0;L;;;;;N;;;;;
 1BFC7;PROTO-ELAMITE SIGN M206-J;Lo;0;L;;;;;N;;;;;
 1BFC8;PROTO-ELAMITE SIGN M207;Lo;0;L;;;;;N;;;;;
 1BFC9;PROTO-ELAMITE SIGN M207-A;Lo;0;L;;;;;N;;;;;
 1BFCA;PROTO-ELAMITE SIGN M207-B;Lo;0;L;;;;;N;;;;;
 1BF CB;PROTO-ELAMITE SIGN M207-C;Lo;0;L;;;;;N;;;;;
 1BFCC;PROTO-ELAMITE SIGN M207-D;Lo;0;L;;;;;N;;;;;
 1BFCD;PROTO-ELAMITE SIGN M207-E;Lo;0;L;;;;;N;;;;;
 1BFCE;PROTO-ELAMITE SIGN M207-F;Lo;0;L;;;;;N;;;;;
 1BF CF;PROTO-ELAMITE SIGN M207-H;Lo;0;L;;;;;N;;;;;
 1BFD0;PROTO-ELAMITE SIGN M207-M;Lo;0;L;;;;;N;;;;;
 1BFD1;PROTO-ELAMITE SIGN M207-MA;Lo;0;L;;;;;N;;;;;
 1BFD2;PROTO-ELAMITE SIGN M207-N;Lo;0;L;;;;;N;;;;;
 1BFD3;PROTO-ELAMITE SIGN M208;Lo;0;L;;;;;N;;;;;
 1BFD4;PROTO-ELAMITE SIGN M209-A;Lo;0;L;;;;;N;;;;;
 1BFD5;PROTO-ELAMITE SIGN M209-B;Lo;0;L;;;;;N;;;;;
 1BFD6;PROTO-ELAMITE SIGN M209-C;Lo;0;L;;;;;N;;;;;
 1BFD7;PROTO-ELAMITE SIGN M209-D;Lo;0;L;;;;;N;;;;;
 1BFD8;PROTO-ELAMITE SIGN M209-D1;Lo;0;L;;;;;N;;;;;
 1BFD9;PROTO-ELAMITE SIGN M210;Lo;0;L;;;;;N;;;;;
 1BFDA;PROTO-ELAMITE SIGN M210-A;Lo;0;L;;;;;N;;;;;
 1BFDB;PROTO-ELAMITE SIGN M210-B;Lo;0;L;;;;;N;;;;;
 1BFDC;PROTO-ELAMITE SIGN M210-BA;Lo;0;L;;;;;N;;;;;
 1BFDD;PROTO-ELAMITE SIGN M210-C;Lo;0;L;;;;;N;;;;;
 1BFDE;PROTO-ELAMITE SIGN M210-D;Lo;0;L;;;;;N;;;;;
 1BFDF;PROTO-ELAMITE SIGN M210-E;Lo;0;L;;;;;N;;;;;
 1BFE0;PROTO-ELAMITE SIGN M210-F;Lo;0;L;;;;;N;;;;;
 1BFE1;PROTO-ELAMITE SIGN M210-G;Lo;0;L;;;;;N;;;;;
 1BFE2;PROTO-ELAMITE SIGN M210-H;Lo;0;L;;;;;N;;;;;
 1BFE3;PROTO-ELAMITE SIGN M210-M;Lo;0;L;;;;;N;;;;;
 1BFE4;PROTO-ELAMITE SIGN M210-MA;Lo;0;L;;;;;N;;;;;
 1BFE5;PROTO-ELAMITE SIGN M213;Lo;0;L;;;;;N;;;;;
 1BFE6;PROTO-ELAMITE SIGN M213-B;Lo;0;L;;;;;N;;;;;
 1BFE7;PROTO-ELAMITE SIGN M214-A;Lo;0;L;;;;;N;;;;;
 1BFE8;PROTO-ELAMITE SIGN M214-B;Lo;0;L;;;;;N;;;;;

1BFE9;PROTO-ELAMITE SIGN M214-C;Lo;0;L;;;;;N;;;;;
 1BFEA;PROTO-ELAMITE SIGN M214-D;Lo;0;L;;;;;N;;;;;
 1BFEB;PROTO-ELAMITE SIGN M214-E;Lo;0;L;;;;;N;;;;;
 1BFEC;PROTO-ELAMITE SIGN M214-H;Lo;0;L;;;;;N;;;;;
 1BFED;PROTO-ELAMITE SIGN M214-I;Lo;0;L;;;;;N;;;;;
 1BFEE;PROTO-ELAMITE SIGN M215;Lo;0;L;;;;;N;;;;;
 1BFEF;PROTO-ELAMITE SIGN M217;Lo;0;L;;;;;N;;;;;
 1BFF0;PROTO-ELAMITE SIGN M217 AND M124;Lo;0;L;;;;;N;;;;;
 1BFF1;PROTO-ELAMITE SIGN M217 AND M388;Lo;0;L;;;;;N;;;;;
 1BFF2;PROTO-ELAMITE SIGN M217-A;Lo;0;L;;;;;N;;;;;
 1BFF3;PROTO-ELAMITE SIGN M217-E;Lo;0;L;;;;;N;;;;;
 1BFF4;PROTO-ELAMITE SIGN M217-EA;Lo;0;L;;;;;N;;;;;
 1BFF5;PROTO-ELAMITE SIGN M217-F;Lo;0;L;;;;;N;;;;;
 1BFF6;PROTO-ELAMITE SIGN M217-H;Lo;0;L;;;;;N;;;;;
 1BFF7;PROTO-ELAMITE SIGN M217-J;Lo;0;L;;;;;N;;;;;
 1BFF8;PROTO-ELAMITE SIGN M217-M;Lo;0;L;;;;;N;;;;;
 1BFF9;PROTO-ELAMITE SIGN M217-N;Lo;0;L;;;;;N;;;;;
 1BFFA;PROTO-ELAMITE SIGN M218;Lo;0;L;;;;;N;;;;;
 1BFFB;PROTO-ELAMITE SIGN M218-1;Lo;0;L;;;;;N;;;;;
 1BFFC;PROTO-ELAMITE SIGN M218-1 AND M288;Lo;0;L;;;;;N;;;;;
 1BFFD;PROTO-ELAMITE SIGN M218 AND M99;Lo;0;L;;;;;N;;;;;
 1BFEE;PROTO-ELAMITE SIGN M218 AND M101;Lo;0;L;;;;;N;;;;;
 1BFFF;PROTO-ELAMITE SIGN M218 AND M218;Lo;0;L;;;;;N;;;;;
 1C000;PROTO-ELAMITE SIGN M218 AND M288;Lo;0;L;;;;;N;;;;;
 1C001;PROTO-ELAMITE SIGN M218 AND M288-F;Lo;0;L;;;;;N;;;;;
 1C002;PROTO-ELAMITE SIGN M218 AND M320;Lo;0;L;;;;;N;;;;;
 1C003;PROTO-ELAMITE SIGN M218 AND M388;Lo;0;L;;;;;N;;;;;
 1C004;PROTO-ELAMITE SIGN M218-B;Lo;0;L;;;;;N;;;;;
 1C005;PROTO-ELAMITE SIGN M218-C;Lo;0;L;;;;;N;;;;;
 1C006;PROTO-ELAMITE SIGN M218-D AND M288;Lo;0;L;;;;;N;;;;;
 1C007;PROTO-ELAMITE SIGN M218-G;Lo;0;L;;;;;N;;;;;
 1C008;PROTO-ELAMITE SIGN M219;Lo;0;L;;;;;N;;;;;
 1C009;PROTO-ELAMITE SIGN M219-1;Lo;0;L;;;;;N;;;;;
 1C00A;PROTO-ELAMITE SIGN M219-F;Lo;0;L;;;;;N;;;;;
 1C00B;PROTO-ELAMITE SIGN M219-S;Lo;0;L;;;;;N;;;;;
 1C00C;PROTO-ELAMITE SIGN M220;Lo;0;L;;;;;N;;;;;
 1C00D;PROTO-ELAMITE SIGN M220-M;Lo;0;L;;;;;N;;;;;
 1C00E;PROTO-ELAMITE SIGN M220-N;Lo;0;L;;;;;N;;;;;
 1C00F;PROTO-ELAMITE SIGN M221;Lo;0;L;;;;;N;;;;;
 1C010;PROTO-ELAMITE SIGN M221-C;Lo;0;L;;;;;N;;;;;
 1C011;PROTO-ELAMITE SIGN M221-E;Lo;0;L;;;;;N;;;;;
 1C012;PROTO-ELAMITE SIGN M221-F;Lo;0;L;;;;;N;;;;;
 1C013;PROTO-ELAMITE SIGN M222;Lo;0;L;;;;;N;;;;;
 1C014;PROTO-ELAMITE SIGN M222-E;Lo;0;L;;;;;N;;;;;
 1C015;PROTO-ELAMITE SIGN M223;Lo;0;L;;;;;N;;;;;
 1C016;PROTO-ELAMITE SIGN M223-A;Lo;0;L;;;;;N;;;;;
 1C017;PROTO-ELAMITE SIGN M223-B;Lo;0;L;;;;;N;;;;;
 1C018;PROTO-ELAMITE SIGN M223-C;Lo;0;L;;;;;N;;;;;
 1C019;PROTO-ELAMITE SIGN M223-D;Lo;0;L;;;;;N;;;;;
 1C01A;PROTO-ELAMITE SIGN M224;Lo;0;L;;;;;N;;;;;

1C01B;PROTO-ELAMITE SIGN M224-A;Lo;0;L;;;;;N;;;;;
 1C01C;PROTO-ELAMITE SIGN M224-B;Lo;0;L;;;;;N;;;;;
 1C01D;PROTO-ELAMITE SIGN M224-C;Lo;0;L;;;;;N;;;;;
 1C01E;PROTO-ELAMITE SIGN M226-C;Lo;0;L;;;;;N;;;;;
 1C01F;PROTO-ELAMITE SIGN M226-CA;Lo;0;L;;;;;N;;;;;
 1C020;PROTO-ELAMITE SIGN M226-E;Lo;0;L;;;;;N;;;;;
 1C021;PROTO-ELAMITE SIGN M227;Lo;0;L;;;;;N;;;;;
 1C022;PROTO-ELAMITE SIGN M228;Lo;0;L;;;;;N;;;;;
 1C023;PROTO-ELAMITE SIGN M228 AND M101;Lo;0;L;;;;;N;;;;;
 1C024;PROTO-ELAMITE SIGN M228 AND M288;Lo;0;L;;;;;N;;;;;
 1C025;PROTO-ELAMITE SIGN M228 AND M320;Lo;0;L;;;;;N;;;;;
 1C026;PROTO-ELAMITE SIGN M228-B;Lo;0;L;;;;;N;;;;;
 1C027;PROTO-ELAMITE SIGN M228-B AND M101;Lo;0;L;;;;;N;;;;;
 1C028;PROTO-ELAMITE SIGN M228-B AND M320;Lo;0;L;;;;;N;;;;;
 1C029;PROTO-ELAMITE SIGN M228-D;Lo;0;L;;;;;N;;;;;
 1C02A;PROTO-ELAMITE SIGN M228-G;Lo;0;L;;;;;N;;;;;
 1C02B;PROTO-ELAMITE SIGN M228-GA;Lo;0;L;;;;;N;;;;;
 1C02C;PROTO-ELAMITE SIGN M228-GB;Lo;0;L;;;;;N;;;;;
 1C02D;PROTO-ELAMITE SIGN M229-E;Lo;0;L;;;;;N;;;;;
 1C02E;PROTO-ELAMITE SIGN M230;Lo;0;L;;;;;N;;;;;
 1C02F;PROTO-ELAMITE SIGN M230-A;Lo;0;L;;;;;N;;;;;
 1C030;PROTO-ELAMITE SIGN M240;Lo;0;L;;;;;N;;;;;
 1C031;PROTO-ELAMITE SIGN M240-A;Lo;0;L;;;;;N;;;;;
 1C032;PROTO-ELAMITE SIGN M240-B;Lo;0;L;;;;;N;;;;;
 1C033;PROTO-ELAMITE SIGN M240-C;Lo;0;L;;;;;N;;;;;
 1C034;PROTO-ELAMITE SIGN M240-D;Lo;0;L;;;;;N;;;;;
 1C035;PROTO-ELAMITE SIGN M240-D1;Lo;0;L;;;;;N;;;;;
 1C036;PROTO-ELAMITE SIGN M240-E;Lo;0;L;;;;;N;;;;;
 1C037;PROTO-ELAMITE SIGN M241;Lo;0;L;;;;;N;;;;;
 1C038;PROTO-ELAMITE SIGN M241-A;Lo;0;L;;;;;N;;;;;
 1C039;PROTO-ELAMITE SIGN M241-B;Lo;0;L;;;;;N;;;;;
 1C03A;PROTO-ELAMITE SIGN M242;Lo;0;L;;;;;N;;;;;
 1C03B;PROTO-ELAMITE SIGN M242-AB;Lo;0;L;;;;;N;;;;;
 1C03C;PROTO-ELAMITE SIGN M242-B;Lo;0;L;;;;;N;;;;;
 1C03D;PROTO-ELAMITE SIGN M242-D;Lo;0;L;;;;;N;;;;;
 1C03E;PROTO-ELAMITE SIGN M242-DA;Lo;0;L;;;;;N;;;;;
 1C03F;PROTO-ELAMITE SIGN M242-E;Lo;0;L;;;;;N;;;;;
 1C040;PROTO-ELAMITE SIGN M242-F;Lo;0;L;;;;;N;;;;;
 1C041;PROTO-ELAMITE SIGN M242-K;Lo;0;L;;;;;N;;;;;
 1C042;PROTO-ELAMITE SIGN M242-N;Lo;0;L;;;;;N;;;;;
 1C043;PROTO-ELAMITE SIGN M243;Lo;0;L;;;;;N;;;;;
 1C044;PROTO-ELAMITE SIGN M243-AA;Lo;0;L;;;;;N;;;;;
 1C045;PROTO-ELAMITE SIGN M243-AC;Lo;0;L;;;;;N;;;;;
 1C046;PROTO-ELAMITE SIGN M243-B;Lo;0;L;;;;;N;;;;;
 1C047;PROTO-ELAMITE SIGN M243-C;Lo;0;L;;;;;N;;;;;
 1C048;PROTO-ELAMITE SIGN M243-E;Lo;0;L;;;;;N;;;;;
 1C049;PROTO-ELAMITE SIGN M243-EE;Lo;0;L;;;;;N;;;;;
 1C04A;PROTO-ELAMITE SIGN M243-EF;Lo;0;L;;;;;N;;;;;
 1C04B;PROTO-ELAMITE SIGN M243-F;Lo;0;L;;;;;N;;;;;
 1C04C;PROTO-ELAMITE SIGN M243-G;Lo;0;L;;;;;N;;;;;

1C04D;PROTO-ELAMITE SIGN M243-H;Lo;0;L;;;;;N;;;;;
 1C04E;PROTO-ELAMITE SIGN M243-I;Lo;0;L;;;;;N;;;;;
 1C04F;PROTO-ELAMITE SIGN M243-J;Lo;0;L;;;;;N;;;;;
 1C050;PROTO-ELAMITE SIGN M243-N;Lo;0;L;;;;;N;;;;;
 1C051;PROTO-ELAMITE SIGN M244;Lo;0;L;;;;;N;;;;;
 1C052;PROTO-ELAMITE SIGN M246;Lo;0;L;;;;;N;;;;;
 1C053;PROTO-ELAMITE SIGN M246-A;Lo;0;L;;;;;N;;;;;
 1C054;PROTO-ELAMITE SIGN M246-B;Lo;0;L;;;;;N;;;;;
 1C055;PROTO-ELAMITE SIGN M246-C;Lo;0;L;;;;;N;;;;;
 1C056;PROTO-ELAMITE SIGN M246-CA;Lo;0;L;;;;;N;;;;;
 1C057;PROTO-ELAMITE SIGN M246-E;Lo;0;L;;;;;N;;;;;
 1C058;PROTO-ELAMITE SIGN M246-F;Lo;0;L;;;;;N;;;;;
 1C059;PROTO-ELAMITE SIGN M246-G;Lo;0;L;;;;;N;;;;;
 1C05A;PROTO-ELAMITE SIGN M246-H;Lo;0;L;;;;;N;;;;;
 1C05B;PROTO-ELAMITE SIGN M246-M;Lo;0;L;;;;;N;;;;;
 1C05C;PROTO-ELAMITE SIGN M246-O;Lo;0;L;;;;;N;;;;;
 1C05D;PROTO-ELAMITE SIGN M246-S;Lo;0;L;;;;;N;;;;;
 1C05E;PROTO-ELAMITE SIGN M247;Lo;0;L;;;;;N;;;;;
 1C05F;PROTO-ELAMITE SIGN M247-A;Lo;0;L;;;;;N;;;;;
 1C060;PROTO-ELAMITE SIGN M247-B;Lo;0;L;;;;;N;;;;;
 1C061;PROTO-ELAMITE SIGN M247-C;Lo;0;L;;;;;N;;;;;
 1C062;PROTO-ELAMITE SIGN M247-D;Lo;0;L;;;;;N;;;;;
 1C063;PROTO-ELAMITE SIGN M247-E;Lo;0;L;;;;;N;;;;;
 1C064;PROTO-ELAMITE SIGN M247-F;Lo;0;L;;;;;N;;;;;
 1C065;PROTO-ELAMITE SIGN M247-G;Lo;0;L;;;;;N;;;;;
 1C066;PROTO-ELAMITE SIGN M247-M;Lo;0;L;;;;;N;;;;;
 1C067;PROTO-ELAMITE SIGN M247-N;Lo;0;L;;;;;N;;;;;
 1C068;PROTO-ELAMITE SIGN M248;Lo;0;L;;;;;N;;;;;
 1C069;PROTO-ELAMITE SIGN M248-A;Lo;0;L;;;;;N;;;;;
 1C06A;PROTO-ELAMITE SIGN M248-B;Lo;0;L;;;;;N;;;;;
 1C06B;PROTO-ELAMITE SIGN M248-C;Lo;0;L;;;;;N;;;;;
 1C06C;PROTO-ELAMITE SIGN M248-CA;Lo;0;L;;;;;N;;;;;
 1C06D;PROTO-ELAMITE SIGN M248-D;Lo;0;L;;;;;N;;;;;
 1C06E;PROTO-ELAMITE SIGN M248-E;Lo;0;L;;;;;N;;;;;
 1C06F;PROTO-ELAMITE SIGN M248-F;Lo;0;L;;;;;N;;;;;
 1C070;PROTO-ELAMITE SIGN M248-G;Lo;0;L;;;;;N;;;;;
 1C071;PROTO-ELAMITE SIGN M249;Lo;0;L;;;;;N;;;;;
 1C072;PROTO-ELAMITE SIGN M249-C;Lo;0;L;;;;;N;;;;;
 1C073;PROTO-ELAMITE SIGN M249-F;Lo;0;L;;;;;N;;;;;
 1C074;PROTO-ELAMITE SIGN M249-G;Lo;0;L;;;;;N;;;;;
 1C075;PROTO-ELAMITE SIGN M249-H;Lo;0;L;;;;;N;;;;;
 1C076;PROTO-ELAMITE SIGN M249-M;Lo;0;L;;;;;N;;;;;
 1C077;PROTO-ELAMITE SIGN M249-N;Lo;0;L;;;;;N;;;;;
 1C078;PROTO-ELAMITE SIGN M249-N1;Lo;0;L;;;;;N;;;;;
 1C079;PROTO-ELAMITE SIGN M249-P;Lo;0;L;;;;;N;;;;;
 1C07A;PROTO-ELAMITE SIGN M250-A;Lo;0;L;;;;;N;;;;;
 1C07B;PROTO-ELAMITE SIGN M250-BA;Lo;0;L;;;;;N;;;;;
 1C07C;PROTO-ELAMITE SIGN M250-M;Lo;0;L;;;;;N;;;;;
 1C07D;PROTO-ELAMITE SIGN M250-N;Lo;0;L;;;;;N;;;;;
 1C07E;PROTO-ELAMITE SIGN M250-NA;Lo;0;L;;;;;N;;;;;

1C07F;PROTO-ELAMITE SIGN M250-P;Lo;0;L;;;;;N;;;;;
 1C080;PROTO-ELAMITE SIGN M250-R;Lo;0;L;;;;;N;;;;;
 1C081;PROTO-ELAMITE SIGN M251;Lo;0;L;;;;;N;;;;;
 1C082;PROTO-ELAMITE SIGN M251-C;Lo;0;L;;;;;N;;;;;
 1C083;PROTO-ELAMITE SIGN M251-C2;Lo;0;L;;;;;N;;;;;
 1C084;PROTO-ELAMITE SIGN M251-C3;Lo;0;L;;;;;N;;;;;
 1C085;PROTO-ELAMITE SIGN M251-E;Lo;0;L;;;;;N;;;;;
 1C086;PROTO-ELAMITE SIGN M251-G;Lo;0;L;;;;;N;;;;;
 1C087;PROTO-ELAMITE SIGN M251-H;Lo;0;L;;;;;N;;;;;
 1C088;PROTO-ELAMITE SIGN M251-I;Lo;0;L;;;;;N;;;;;
 1C089;PROTO-ELAMITE SIGN M251-M;Lo;0;L;;;;;N;;;;;
 1C08A;PROTO-ELAMITE SIGN M252;Lo;0;L;;;;;N;;;;;
 1C08B;PROTO-ELAMITE SIGN M252-A;Lo;0;L;;;;;N;;;;;
 1C08C;PROTO-ELAMITE SIGN M252-H;Lo;0;L;;;;;N;;;;;
 1C08D;PROTO-ELAMITE SIGN M252-I;Lo;0;L;;;;;N;;;;;
 1C08E;PROTO-ELAMITE SIGN M252-L;Lo;0;L;;;;;N;;;;;
 1C08F;PROTO-ELAMITE SIGN M252-Q;Lo;0;L;;;;;N;;;;;
 1C090;PROTO-ELAMITE SIGN M252-QA;Lo;0;L;;;;;N;;;;;
 1C091;PROTO-ELAMITE SIGN M252-R;Lo;0;L;;;;;N;;;;;
 1C092;PROTO-ELAMITE SIGN M252-T;Lo;0;L;;;;;N;;;;;
 1C093;PROTO-ELAMITE SIGN M253;Lo;0;L;;;;;N;;;;;
 1C094;PROTO-ELAMITE SIGN M254;Lo;0;L;;;;;N;;;;;
 1C095;PROTO-ELAMITE SIGN M254-A;Lo;0;L;;;;;N;;;;;
 1C096;PROTO-ELAMITE SIGN M254-B;Lo;0;L;;;;;N;;;;;
 1C097;PROTO-ELAMITE SIGN M254-C;Lo;0;L;;;;;N;;;;;
 1C098;PROTO-ELAMITE SIGN M254-D;Lo;0;L;;;;;N;;;;;
 1C099;PROTO-ELAMITE SIGN M254-E;Lo;0;L;;;;;N;;;;;
 1C09A;PROTO-ELAMITE SIGN M254-F;Lo;0;L;;;;;N;;;;;
 1C09B;PROTO-ELAMITE SIGN M254-G;Lo;0;L;;;;;N;;;;;
 1C09C;PROTO-ELAMITE SIGN M254-H;Lo;0;L;;;;;N;;;;;
 1C09D;PROTO-ELAMITE SIGN M255;Lo;0;L;;;;;N;;;;;
 1C09E;PROTO-ELAMITE SIGN M255-B;Lo;0;L;;;;;N;;;;;
 1C09F;PROTO-ELAMITE SIGN M256-B;Lo;0;L;;;;;N;;;;;
 1C0A0;PROTO-ELAMITE SIGN M256-C;Lo;0;L;;;;;N;;;;;
 1C0A1;PROTO-ELAMITE SIGN M256-D;Lo;0;L;;;;;N;;;;;
 1C0A2;PROTO-ELAMITE SIGN M257-D;Lo;0;L;;;;;N;;;;;
 1C0A3;PROTO-ELAMITE SIGN M259;Lo;0;L;;;;;N;;;;;
 1C0A4;PROTO-ELAMITE SIGN M259-1;Lo;0;L;;;;;N;;;;;
 1C0A5;PROTO-ELAMITE SIGN M259-2;Lo;0;L;;;;;N;;;;;
 1C0A6;PROTO-ELAMITE SIGN M259-3;Lo;0;L;;;;;N;;;;;
 1C0A7;PROTO-ELAMITE SIGN M260;Lo;0;L;;;;;N;;;;;
 1C0A8;PROTO-ELAMITE SIGN M260-1;Lo;0;L;;;;;N;;;;;
 1C0A9;PROTO-ELAMITE SIGN M260-1 AND ONE-N24;Lo;0;L;;;;;N;;;;;
 1C0AA;PROTO-ELAMITE SIGN M260-1 AND M313-A;Lo;0;L;;;;;N;;;;;
 1C0AB;PROTO-ELAMITE SIGN M260-2 AND ONE-N24;Lo;0;L;;;;;N;;;;;
 1C0AC;PROTO-ELAMITE SIGN M260-3;Lo;0;L;;;;;N;;;;;
 1C0AD;PROTO-ELAMITE SIGN M260 AND ONE-N14;Lo;0;L;;;;;N;;;;;
 1C0AE;PROTO-ELAMITE SIGN M260 AND ONE-N24;Lo;0;L;;;;;N;;;;;
 1C0AF;PROTO-ELAMITE SIGN M260 AND ONE-N30C;Lo;0;L;;;;;N;;;;;
 1C0B0;PROTO-ELAMITE SIGN M260 AND M266-A;Lo;0;L;;;;;N;;;;;

1C0B1;PROTO-ELAMITE SIGN M260 AND M312;Lo;0;L;;;;;N;;;;;
 1C0B2;PROTO-ELAMITE SIGN M260-A;Lo;0;L;;;;;N;;;;;
 1C0B3;PROTO-ELAMITE SIGN M260-A AND M237;Lo;0;L;;;;;N;;;;;
 1C0B4;PROTO-ELAMITE SIGN M260-B;Lo;0;L;;;;;N;;;;;
 1C0B5;PROTO-ELAMITE SIGN M261-A;Lo;0;L;;;;;N;;;;;
 1C0B6;PROTO-ELAMITE SIGN M261-A1;Lo;0;L;;;;;N;;;;;
 1C0B7;PROTO-ELAMITE SIGN M261-B;Lo;0;L;;;;;N;;;;;
 1C0B8;PROTO-ELAMITE SIGN M261-B1;Lo;0;L;;;;;N;;;;;
 1C0B9;PROTO-ELAMITE SIGN M261-C;Lo;0;L;;;;;N;;;;;
 1C0BA;PROTO-ELAMITE SIGN M261-D;Lo;0;L;;;;;N;;;;;
 1C0BB;PROTO-ELAMITE SIGN M261-D1;Lo;0;L;;;;;N;;;;;
 1C0BC;PROTO-ELAMITE SIGN M262;Lo;0;L;;;;;N;;;;;
 1C0BD;PROTO-ELAMITE SIGN M262-1;Lo;0;L;;;;;N;;;;;
 1C0BE;PROTO-ELAMITE SIGN M262-A;Lo;0;L;;;;;N;;;;;
 1C0BF;PROTO-ELAMITE SIGN M262-B;Lo;0;L;;;;;N;;;;;
 1C0C0;PROTO-ELAMITE SIGN M262-BA;Lo;0;L;;;;;N;;;;;
 1C0C1;PROTO-ELAMITE SIGN M263;Lo;0;L;;;;;N;;;;;
 1C0C2;PROTO-ELAMITE SIGN M263-1;Lo;0;L;;;;;N;;;;;
 1C0C3;PROTO-ELAMITE SIGN M263-A;Lo;0;L;;;;;N;;;;;
 1C0C4;PROTO-ELAMITE SIGN M263-A1;Lo;0;L;;;;;N;;;;;
 1C0C5;PROTO-ELAMITE SIGN M263-B;Lo;0;L;;;;;N;;;;;
 1C0C6;PROTO-ELAMITE SIGN M263-B1;Lo;0;L;;;;;N;;;;;
 1C0C7;PROTO-ELAMITE SIGN M263-E;Lo;0;L;;;;;N;;;;;
 1C0C8;PROTO-ELAMITE SIGN M263-F;Lo;0;L;;;;;N;;;;;
 1C0C9;PROTO-ELAMITE SIGN M263-G;Lo;0;L;;;;;N;;;;;
 1C0CA;PROTO-ELAMITE SIGN M263-H;Lo;0;L;;;;;N;;;;;
 1C0CB;PROTO-ELAMITE SIGN M264-A;Lo;0;L;;;;;N;;;;;
 1C0CC;PROTO-ELAMITE SIGN M264-A1;Lo;0;L;;;;;N;;;;;
 1C0CD;PROTO-ELAMITE SIGN M264-A AND ONE-N24;Lo;0;L;;;;;N;;;;;
 1C0CE;PROTO-ELAMITE SIGN M264-B;Lo;0;L;;;;;N;;;;;
 1C0CF;PROTO-ELAMITE SIGN M264-C;Lo;0;L;;;;;N;;;;;
 1C0D0;PROTO-ELAMITE SIGN M264-D;Lo;0;L;;;;;N;;;;;
 1C0D1;PROTO-ELAMITE SIGN M264-D1;Lo;0;L;;;;;N;;;;;
 1C0D2;PROTO-ELAMITE SIGN M264-N;Lo;0;L;;;;;N;;;;;
 1C0D3;PROTO-ELAMITE SIGN M265;Lo;0;L;;;;;N;;;;;
 1C0D4;PROTO-ELAMITE SIGN M265-1;Lo;0;L;;;;;N;;;;;
 1C0D5;PROTO-ELAMITE SIGN M265-2;Lo;0;L;;;;;N;;;;;
 1C0D6;PROTO-ELAMITE SIGN M265-E;Lo;0;L;;;;;N;;;;;
 1C0D7;PROTO-ELAMITE SIGN M265-F;Lo;0;L;;;;;N;;;;;
 1C0D8;PROTO-ELAMITE SIGN M265-F1;Lo;0;L;;;;;N;;;;;
 1C0D9;PROTO-ELAMITE SIGN M265-F2;Lo;0;L;;;;;N;;;;;
 1C0DA;PROTO-ELAMITE SIGN M265-F3;Lo;0;L;;;;;N;;;;;
 1C0DB;PROTO-ELAMITE SIGN M265-I;Lo;0;L;;;;;N;;;;;
 1C0DC;PROTO-ELAMITE SIGN M265-K;Lo;0;L;;;;;N;;;;;
 1C0DD;PROTO-ELAMITE SIGN M265-L;Lo;0;L;;;;;N;;;;;
 1C0DE;PROTO-ELAMITE SIGN M266-A;Lo;0;L;;;;;N;;;;;
 1C0DF;PROTO-ELAMITE SIGN M266-B;Lo;0;L;;;;;N;;;;;
 1C0E0;PROTO-ELAMITE SIGN M266-F;Lo;0;L;;;;;N;;;;;
 1C0E1;PROTO-ELAMITE SIGN M267-F;Lo;0;L;;;;;N;;;;;
 1C0E2;PROTO-ELAMITE SIGN M267-G;Lo;0;L;;;;;N;;;;;

1C0E3;PROTO-ELAMITE SIGN M267-H;Lo;0;L;;;;;N;;;;;
 1C0E4;PROTO-ELAMITE SIGN M267-HA;Lo;0;L;;;;;N;;;;;
 1C0E5;PROTO-ELAMITE SIGN M267-HB;Lo;0;L;;;;;N;;;;;
 1C0E6;PROTO-ELAMITE SIGN M268-B;Lo;0;L;;;;;N;;;;;
 1C0E7;PROTO-ELAMITE SIGN M268-C;Lo;0;L;;;;;N;;;;;
 1C0E8;PROTO-ELAMITE SIGN M268-D;Lo;0;L;;;;;N;;;;;
 1C0E9;PROTO-ELAMITE SIGN M268-M;Lo;0;L;;;;;N;;;;;
 1C0EA;PROTO-ELAMITE SIGN M269;Lo;0;L;;;;;N;;;;;
 1C0EB;PROTO-ELAMITE SIGN M269-1;Lo;0;L;;;;;N;;;;;
 1C0EC;PROTO-ELAMITE SIGN M269-2;Lo;0;L;;;;;N;;;;;
 1C0ED;PROTO-ELAMITE SIGN M269-3;Lo;0;L;;;;;N;;;;;
 1C0EE;PROTO-ELAMITE SIGN M269-4;Lo;0;L;;;;;N;;;;;
 1C0EF;PROTO-ELAMITE SIGN M269-A;Lo;0;L;;;;;N;;;;;
 1C0F0;PROTO-ELAMITE SIGN M269-A1;Lo;0;L;;;;;N;;;;;
 1C0F1;PROTO-ELAMITE SIGN M269-A2;Lo;0;L;;;;;N;;;;;
 1C0F2;PROTO-ELAMITE SIGN M269-A3;Lo;0;L;;;;;N;;;;;
 1C0F3;PROTO-ELAMITE SIGN M269-B;Lo;0;L;;;;;N;;;;;
 1C0F4;PROTO-ELAMITE SIGN M269-C;Lo;0;L;;;;;N;;;;;
 1C0F5;PROTO-ELAMITE SIGN M269-J1;Lo;0;L;;;;;N;;;;;
 1C0F6;PROTO-ELAMITE SIGN M269-J2;Lo;0;L;;;;;N;;;;;
 1C0F7;PROTO-ELAMITE SIGN M270;Lo;0;L;;;;;N;;;;;
 1C0F8;PROTO-ELAMITE SIGN M270-C;Lo;0;L;;;;;N;;;;;
 1C0F9;PROTO-ELAMITE SIGN M270-D;Lo;0;L;;;;;N;;;;;
 1C0FA;PROTO-ELAMITE SIGN M270-E;Lo;0;L;;;;;N;;;;;
 1C0FB;PROTO-ELAMITE SIGN M270-M;Lo;0;L;;;;;N;;;;;
 1C0FC;PROTO-ELAMITE SIGN M270-N;Lo;0;L;;;;;N;;;;;
 1C0FD;PROTO-ELAMITE SIGN M271-CA;Lo;0;L;;;;;N;;;;;
 1C0FE;PROTO-ELAMITE SIGN M271-G;Lo;0;L;;;;;N;;;;;
 1C0FF;PROTO-ELAMITE SIGN M271-M;Lo;0;L;;;;;N;;;;;
 1C100;PROTO-ELAMITE SIGN M272;Lo;0;L;;;;;N;;;;;
 1C101;PROTO-ELAMITE SIGN M276-A;Lo;0;L;;;;;N;;;;;
 1C102;PROTO-ELAMITE SIGN M276-D;Lo;0;L;;;;;N;;;;;
 1C103;PROTO-ELAMITE SIGN M276-F;Lo;0;L;;;;;N;;;;;
 1C104;PROTO-ELAMITE SIGN M277;Lo;0;L;;;;;N;;;;;
 1C105;PROTO-ELAMITE SIGN M277-E;Lo;0;L;;;;;N;;;;;
 1C106;PROTO-ELAMITE SIGN M277-G;Lo;0;L;;;;;N;;;;;
 1C107;PROTO-ELAMITE SIGN M277-H;Lo;0;L;;;;;N;;;;;
 1C108;PROTO-ELAMITE SIGN M277-HA;Lo;0;L;;;;;N;;;;;
 1C109;PROTO-ELAMITE SIGN M278;Lo;0;L;;;;;N;;;;;
 1C10A;PROTO-ELAMITE SIGN M278 AND M124;Lo;0;L;;;;;N;;;;;
 1C10B;PROTO-ELAMITE SIGN M278-AB;Lo;0;L;;;;;N;;;;;
 1C10C;PROTO-ELAMITE SIGN M278-B;Lo;0;L;;;;;N;;;;;
 1C10D;PROTO-ELAMITE SIGN M278-C;Lo;0;L;;;;;N;;;;;
 1C10E;PROTO-ELAMITE SIGN M278-D;Lo;0;L;;;;;N;;;;;
 1C10F;PROTO-ELAMITE SIGN M278-DA;Lo;0;L;;;;;N;;;;;
 1C110;PROTO-ELAMITE SIGN M278-E;Lo;0;L;;;;;N;;;;;
 1C111;PROTO-ELAMITE SIGN M278-F;Lo;0;L;;;;;N;;;;;
 1C112;PROTO-ELAMITE SIGN M278-G;Lo;0;L;;;;;N;;;;;
 1C113;PROTO-ELAMITE SIGN M278-H;Lo;0;L;;;;;N;;;;;
 1C114;PROTO-ELAMITE SIGN M278-J;Lo;0;L;;;;;N;;;;;

1C115;PROTO-ELAMITE SIGN M280-G;Lo;0;L;;;;;N;;;;;
 1C116;PROTO-ELAMITE SIGN M281-A;Lo;0;L;;;;;N;;;;;
 1C117;PROTO-ELAMITE SIGN M281-C;Lo;0;L;;;;;N;;;;;
 1C118;PROTO-ELAMITE SIGN M281-D;Lo;0;L;;;;;N;;;;;
 1C119;PROTO-ELAMITE SIGN M281-E;Lo;0;L;;;;;N;;;;;
 1C11A;PROTO-ELAMITE SIGN M281-F;Lo;0;L;;;;;N;;;;;
 1C11B;PROTO-ELAMITE SIGN M281-G;Lo;0;L;;;;;N;;;;;
 1C11C;PROTO-ELAMITE SIGN M282;Lo;0;L;;;;;N;;;;;
 1C11D;PROTO-ELAMITE SIGN M283;Lo;0;L;;;;;N;;;;;
 1C11E;PROTO-ELAMITE SIGN M283-A;Lo;0;L;;;;;N;;;;;
 1C11F;PROTO-ELAMITE SIGN M283-J;Lo;0;L;;;;;N;;;;;
 1C120;PROTO-ELAMITE SIGN M284;Lo;0;L;;;;;N;;;;;
 1C121;PROTO-ELAMITE SIGN M284-E;Lo;0;L;;;;;N;;;;;
 1C122;PROTO-ELAMITE SIGN M284-K;Lo;0;L;;;;;N;;;;;
 1C123;PROTO-ELAMITE SIGN M284-M;Lo;0;L;;;;;N;;;;;
 1C124;PROTO-ELAMITE SIGN M285;Lo;0;L;;;;;N;;;;;
 1C125;PROTO-ELAMITE SIGN M285-B;Lo;0;L;;;;;N;;;;;
 1C126;PROTO-ELAMITE SIGN M285-BA;Lo;0;L;;;;;N;;;;;
 1C127;PROTO-ELAMITE SIGN M285-C;Lo;0;L;;;;;N;;;;;
 1C128;PROTO-ELAMITE SIGN M285-CA;Lo;0;L;;;;;N;;;;;
 1C129;PROTO-ELAMITE SIGN M285-D;Lo;0;L;;;;;N;;;;;
 1C12A;PROTO-ELAMITE SIGN M285-K;Lo;0;L;;;;;N;;;;;
 1C12B;PROTO-ELAMITE SIGN M285-M;Lo;0;L;;;;;N;;;;;
 1C12C;PROTO-ELAMITE SIGN M285-S;Lo;0;L;;;;;N;;;;;
 1C12D;PROTO-ELAMITE SIGN M286;Lo;0;L;;;;;N;;;;;
 1C12E;PROTO-ELAMITE SIGN M286-A;Lo;0;L;;;;;N;;;;;
 1C12F;PROTO-ELAMITE SIGN M286-B;Lo;0;L;;;;;N;;;;;
 1C130;PROTO-ELAMITE SIGN M287-C;Lo;0;L;;;;;N;;;;;
 1C131;PROTO-ELAMITE SIGN M288;Lo;0;L;;;;;N;;;;;
 1C132;PROTO-ELAMITE SIGN M288 AND ONE-N1;Lo;0;L;;;;;N;;;;;
 1C133;PROTO-ELAMITE SIGN M288 AND ONE-N39B;Lo;0;L;;;;;N;;;;;
 1C134;PROTO-ELAMITE SIGN M288 AND M376;Lo;0;L;;;;;N;;;;;
 1C135;PROTO-ELAMITE SIGN M288-A;Lo;0;L;;;;;N;;;;;
 1C136;PROTO-ELAMITE SIGN M288-B;Lo;0;L;;;;;N;;;;;
 1C137;PROTO-ELAMITE SIGN M288-C;Lo;0;L;;;;;N;;;;;
 1C138;PROTO-ELAMITE SIGN M288-D;Lo;0;L;;;;;N;;;;;
 1C139;PROTO-ELAMITE SIGN M288-E;Lo;0;L;;;;;N;;;;;
 1C13A;PROTO-ELAMITE SIGN M288-F;Lo;0;L;;;;;N;;;;;
 1C13B;PROTO-ELAMITE SIGN M288-G;Lo;0;L;;;;;N;;;;;
 1C13C;PROTO-ELAMITE SIGN M288-H;Lo;0;L;;;;;N;;;;;
 1C13D;PROTO-ELAMITE SIGN M288-I;Lo;0;L;;;;;N;;;;;
 1C13E;PROTO-ELAMITE SIGN M289;Lo;0;L;;;;;N;;;;;
 1C13F;PROTO-ELAMITE SIGN M289-A;Lo;0;L;;;;;N;;;;;
 1C140;PROTO-ELAMITE SIGN M289-B;Lo;0;L;;;;;N;;;;;
 1C141;PROTO-ELAMITE SIGN M289-D;Lo;0;L;;;;;N;;;;;
 1C142;PROTO-ELAMITE SIGN M290;Lo;0;L;;;;;N;;;;;
 1C143;PROTO-ELAMITE SIGN M290-A;Lo;0;L;;;;;N;;;;;
 1C144;PROTO-ELAMITE SIGN M290-C;Lo;0;L;;;;;N;;;;;
 1C145;PROTO-ELAMITE SIGN M290-D;Lo;0;L;;;;;N;;;;;
 1C146;PROTO-ELAMITE SIGN M290-H;Lo;0;L;;;;;N;;;;;

1C147;PROTO-ELAMITE SIGN M291;Lo;0;L;;;;;N;;;;;
 1C148;PROTO-ELAMITE SIGN M291-A;Lo;0;L;;;;;N;;;;;
 1C149;PROTO-ELAMITE SIGN M291-F;Lo;0;L;;;;;N;;;;;
 1C14A;PROTO-ELAMITE SIGN M292;Lo;0;L;;;;;N;;;;;
 1C14B;PROTO-ELAMITE SIGN M292-A;Lo;0;L;;;;;N;;;;;
 1C14C;PROTO-ELAMITE SIGN M292-C;Lo;0;L;;;;;N;;;;;
 1C14D;PROTO-ELAMITE SIGN M292-D;Lo;0;L;;;;;N;;;;;
 1C14E;PROTO-ELAMITE SIGN M292-E;Lo;0;L;;;;;N;;;;;
 1C14F;PROTO-ELAMITE SIGN M292-F;Lo;0;L;;;;;N;;;;;
 1C150;PROTO-ELAMITE SIGN M292-H;Lo;0;L;;;;;N;;;;;
 1C151;PROTO-ELAMITE SIGN M292-I;Lo;0;L;;;;;N;;;;;
 1C152;PROTO-ELAMITE SIGN M293;Lo;0;L;;;;;N;;;;;
 1C153;PROTO-ELAMITE SIGN M293-A;Lo;0;L;;;;;N;;;;;
 1C154;PROTO-ELAMITE SIGN M293-B;Lo;0;L;;;;;N;;;;;
 1C155;PROTO-ELAMITE SIGN M293-C;Lo;0;L;;;;;N;;;;;
 1C156;PROTO-ELAMITE SIGN M293-D;Lo;0;L;;;;;N;;;;;
 1C157;PROTO-ELAMITE SIGN M294-A;Lo;0;L;;;;;N;;;;;
 1C158;PROTO-ELAMITE SIGN M295;Lo;0;L;;;;;N;;;;;
 1C159;PROTO-ELAMITE SIGN M295-A;Lo;0;L;;;;;N;;;;;
 1C15A;PROTO-ELAMITE SIGN M295-B;Lo;0;L;;;;;N;;;;;
 1C15B;PROTO-ELAMITE SIGN M295-C;Lo;0;L;;;;;N;;;;;
 1C15C;PROTO-ELAMITE SIGN M295-CA;Lo;0;L;;;;;N;;;;;
 1C15D;PROTO-ELAMITE SIGN M295-CB;Lo;0;L;;;;;N;;;;;
 1C15E;PROTO-ELAMITE SIGN M295-D;Lo;0;L;;;;;N;;;;;
 1C15F;PROTO-ELAMITE SIGN M295-DA;Lo;0;L;;;;;N;;;;;
 1C160;PROTO-ELAMITE SIGN M295-E;Lo;0;L;;;;;N;;;;;
 1C161;PROTO-ELAMITE SIGN M295-EE;Lo;0;L;;;;;N;;;;;
 1C162;PROTO-ELAMITE SIGN M295-EF;Lo;0;L;;;;;N;;;;;
 1C163;PROTO-ELAMITE SIGN M295-F;Lo;0;L;;;;;N;;;;;
 1C164;PROTO-ELAMITE SIGN M295-H;Lo;0;L;;;;;N;;;;;
 1C165;PROTO-ELAMITE SIGN M295-I;Lo;0;L;;;;;N;;;;;
 1C166;PROTO-ELAMITE SIGN M295-K;Lo;0;L;;;;;N;;;;;
 1C167;PROTO-ELAMITE SIGN M295-K1;Lo;0;L;;;;;N;;;;;
 1C168;PROTO-ELAMITE SIGN M295-KA;Lo;0;L;;;;;N;;;;;
 1C169;PROTO-ELAMITE SIGN M295-L;Lo;0;L;;;;;N;;;;;
 1C16A;PROTO-ELAMITE SIGN M295-LA;Lo;0;L;;;;;N;;;;;
 1C16B;PROTO-ELAMITE SIGN M295-O;Lo;0;L;;;;;N;;;;;
 1C16C;PROTO-ELAMITE SIGN M295-P;Lo;0;L;;;;;N;;;;;
 1C16D;PROTO-ELAMITE SIGN M295-Q;Lo;0;L;;;;;N;;;;;
 1C16E;PROTO-ELAMITE SIGN M295-S;Lo;0;L;;;;;N;;;;;
 1C16F;PROTO-ELAMITE SIGN M295-U;Lo;0;L;;;;;N;;;;;
 1C170;PROTO-ELAMITE SIGN M295-W;Lo;0;L;;;;;N;;;;;
 1C171;PROTO-ELAMITE SIGN M295-WA;Lo;0;L;;;;;N;;;;;
 1C172;PROTO-ELAMITE SIGN M295-Y;Lo;0;L;;;;;N;;;;;
 1C173;PROTO-ELAMITE SIGN M295-Z;Lo;0;L;;;;;N;;;;;
 1C174;PROTO-ELAMITE SIGN M296;Lo;0;L;;;;;N;;;;;
 1C175;PROTO-ELAMITE SIGN M296 AND M296;Lo;0;L;;;;;N;;;;;
 1C176;PROTO-ELAMITE SIGN M296-C;Lo;0;L;;;;;N;;;;;
 1C177;PROTO-ELAMITE SIGN M296-D;Lo;0;L;;;;;N;;;;;
 1C178;PROTO-ELAMITE SIGN M297;Lo;0;L;;;;;N;;;;;

1C179;PROTO-ELAMITE SIGN M297 AND M296;Lo;0;L;;;;;N;;;;;
 1C17A;PROTO-ELAMITE SIGN M297-A;Lo;0;L;;;;;N;;;;;
 1C17B;PROTO-ELAMITE SIGN M297-B;Lo;0;L;;;;;N;;;;;
 1C17C;PROTO-ELAMITE SIGN M297-B AND M388;Lo;0;L;;;;;N;;;;;
 1C17D;PROTO-ELAMITE SIGN M297-BC;Lo;0;L;;;;;N;;;;;
 1C17E;PROTO-ELAMITE SIGN M297-C1;Lo;0;L;;;;;N;;;;;
 1C17F;PROTO-ELAMITE SIGN M297-C2;Lo;0;L;;;;;N;;;;;
 1C180;PROTO-ELAMITE SIGN M297-D;Lo;0;L;;;;;N;;;;;
 1C181;PROTO-ELAMITE SIGN M298;Lo;0;L;;;;;N;;;;;
 1C182;PROTO-ELAMITE SIGN M298-A;Lo;0;L;;;;;N;;;;;
 1C183;PROTO-ELAMITE SIGN M299;Lo;0;L;;;;;N;;;;;
 1C184;PROTO-ELAMITE SIGN M301;Lo;0;L;;;;;N;;;;;
 1C185;PROTO-ELAMITE SIGN M301-A;Lo;0;L;;;;;N;;;;;
 1C186;PROTO-ELAMITE SIGN M301-AA;Lo;0;L;;;;;N;;;;;
 1C187;PROTO-ELAMITE SIGN M301-B;Lo;0;L;;;;;N;;;;;
 1C188;PROTO-ELAMITE SIGN M301-E;Lo;0;L;;;;;N;;;;;
 1C189;PROTO-ELAMITE SIGN M301-EA;Lo;0;L;;;;;N;;;;;
 1C18A;PROTO-ELAMITE SIGN M301-EB;Lo;0;L;;;;;N;;;;;
 1C18B;PROTO-ELAMITE SIGN M301-G;Lo;0;L;;;;;N;;;;;
 1C18C;PROTO-ELAMITE SIGN M302;Lo;0;L;;;;;N;;;;;
 1C18D;PROTO-ELAMITE SIGN M302-A;Lo;0;L;;;;;N;;;;;
 1C18E;PROTO-ELAMITE SIGN M302-B;Lo;0;L;;;;;N;;;;;
 1C18F;PROTO-ELAMITE SIGN M302-BA;Lo;0;L;;;;;N;;;;;
 1C190;PROTO-ELAMITE SIGN M302-C;Lo;0;L;;;;;N;;;;;
 1C191;PROTO-ELAMITE SIGN M302-CA;Lo;0;L;;;;;N;;;;;
 1C192;PROTO-ELAMITE SIGN M302-E;Lo;0;L;;;;;N;;;;;
 1C193;PROTO-ELAMITE SIGN M302-F;Lo;0;L;;;;;N;;;;;
 1C194;PROTO-ELAMITE SIGN M302-I;Lo;0;L;;;;;N;;;;;
 1C195;PROTO-ELAMITE SIGN M302-J;Lo;0;L;;;;;N;;;;;
 1C196;PROTO-ELAMITE SIGN M302-K;Lo;0;L;;;;;N;;;;;
 1C197;PROTO-ELAMITE SIGN M302-O;Lo;0;L;;;;;N;;;;;
 1C198;PROTO-ELAMITE SIGN M302-P;Lo;0;L;;;;;N;;;;;
 1C199;PROTO-ELAMITE SIGN M302-S;Lo;0;L;;;;;N;;;;;
 1C19A;PROTO-ELAMITE SIGN M302-T;Lo;0;L;;;;;N;;;;;
 1C19B;PROTO-ELAMITE SIGN M304;Lo;0;L;;;;;N;;;;;
 1C19C;PROTO-ELAMITE SIGN M304 AND M41-G;Lo;0;L;;;;;N;;;;;
 1C19D;PROTO-ELAMITE SIGN M304 AND M304;Lo;0;L;;;;;N;;;;;
 1C19E;PROTO-ELAMITE SIGN M304 AND M342;Lo;0;L;;;;;N;;;;;
 1C19F;PROTO-ELAMITE SIGN M304-A;Lo;0;L;;;;;N;;;;;
 1C1A0;PROTO-ELAMITE SIGN M304-B;Lo;0;L;;;;;N;;;;;
 1C1A1;PROTO-ELAMITE SIGN M305;Lo;0;L;;;;;N;;;;;
 1C1A2;PROTO-ELAMITE SIGN M305 AND M9;Lo;0;L;;;;;N;;;;;
 1C1A3;PROTO-ELAMITE SIGN M305 AND M29-A;Lo;0;L;;;;;N;;;;;
 1C1A4;PROTO-ELAMITE SIGN M305 AND M38-A;Lo;0;L;;;;;N;;;;;
 1C1A5;PROTO-ELAMITE SIGN M305 AND M41-E;Lo;0;L;;;;;N;;;;;
 1C1A6;PROTO-ELAMITE SIGN M305 AND M75-A;Lo;0;L;;;;;N;;;;;
 1C1A7;PROTO-ELAMITE SIGN M305 AND M111-C;Lo;0;L;;;;;N;;;;;
 1C1A8;PROTO-ELAMITE SIGN M305 AND M136;Lo;0;L;;;;;N;;;;;
 1C1A9;PROTO-ELAMITE SIGN M305 AND M153;Lo;0;L;;;;;N;;;;;
 1C1AA;PROTO-ELAMITE SIGN M305 AND M157;Lo;0;L;;;;;N;;;;;

1C1AB;PROTO-ELAMITE SIGN M305 AND M180;Lo;0;L;;;;;N;;;;;
 1C1AC;PROTO-ELAMITE SIGN M305 AND M209-A;Lo;0;L;;;;;N;;;;;
 1C1AD;PROTO-ELAMITE SIGN M305 AND M214-A;Lo;0;L;;;;;N;;;;;
 1C1AE;PROTO-ELAMITE SIGN M305 AND M288;Lo;0;L;;;;;N;;;;;
 1C1AF;PROTO-ELAMITE SIGN M305 AND M320;Lo;0;L;;;;;N;;;;;
 1C1B0;PROTO-ELAMITE SIGN M305 AND M324-C;Lo;0;L;;;;;N;;;;;
 1C1B1;PROTO-ELAMITE SIGN M305 AND M332-D;Lo;0;L;;;;;N;;;;;
 1C1B2;PROTO-ELAMITE SIGN M305 AND M342;Lo;0;L;;;;;N;;;;;
 1C1B3;PROTO-ELAMITE SIGN M305 AND M365;Lo;0;L;;;;;N;;;;;
 1C1B4;PROTO-ELAMITE SIGN M305 AND M387-C;Lo;0;L;;;;;N;;;;;
 1C1B5;PROTO-ELAMITE SIGN M305-B;Lo;0;L;;;;;N;;;;;
 1C1B6;PROTO-ELAMITE SIGN M305-C;Lo;0;L;;;;;N;;;;;
 1C1B7;PROTO-ELAMITE SIGN M305-F;Lo;0;L;;;;;N;;;;;
 1C1B8;PROTO-ELAMITE SIGN M305-G;Lo;0;L;;;;;N;;;;;
 1C1B9;PROTO-ELAMITE SIGN M305-H;Lo;0;L;;;;;N;;;;;
 1C1BA;PROTO-ELAMITE SIGN M305-I;Lo;0;L;;;;;N;;;;;
 1C1BB;PROTO-ELAMITE SIGN M308-E;Lo;0;L;;;;;N;;;;;
 1C1BC;PROTO-ELAMITE SIGN M308-F;Lo;0;L;;;;;N;;;;;
 1C1BD;PROTO-ELAMITE SIGN M309;Lo;0;L;;;;;N;;;;;
 1C1BE;PROTO-ELAMITE SIGN M309-A;Lo;0;L;;;;;N;;;;;
 1C1BF;PROTO-ELAMITE SIGN M309-A1;Lo;0;L;;;;;N;;;;;
 1C1C0;PROTO-ELAMITE SIGN M309-B;Lo;0;L;;;;;N;;;;;
 1C1C1;PROTO-ELAMITE SIGN M309-D;Lo;0;L;;;;;N;;;;;
 1C1C2;PROTO-ELAMITE SIGN M310;Lo;0;L;;;;;N;;;;;
 1C1C3;PROTO-ELAMITE SIGN M310-1;Lo;0;L;;;;;N;;;;;
 1C1C4;PROTO-ELAMITE SIGN M311;Lo;0;L;;;;;N;;;;;
 1C1C5;PROTO-ELAMITE SIGN M311-B;Lo;0;L;;;;;N;;;;;
 1C1C6;PROTO-ELAMITE SIGN M311-G;Lo;0;L;;;;;N;;;;;
 1C1C7;PROTO-ELAMITE SIGN M312;Lo;0;L;;;;;N;;;;;
 1C1C8;PROTO-ELAMITE SIGN M312-A;Lo;0;L;;;;;N;;;;;
 1C1C9;PROTO-ELAMITE SIGN M312-C;Lo;0;L;;;;;N;;;;;
 1C1CA;PROTO-ELAMITE SIGN M312-F;Lo;0;L;;;;;N;;;;;
 1C1CB;PROTO-ELAMITE SIGN M313-A;Lo;0;L;;;;;N;;;;;
 1C1CC;PROTO-ELAMITE SIGN M313-B;Lo;0;L;;;;;N;;;;;
 1C1CD;PROTO-ELAMITE SIGN M313-B1;Lo;0;L;;;;;N;;;;;
 1C1CE;PROTO-ELAMITE SIGN M313-F;Lo;0;L;;;;;N;;;;;
 1C1CF;PROTO-ELAMITE SIGN M314;Lo;0;L;;;;;N;;;;;
 1C1D0;PROTO-ELAMITE SIGN M314-C;Lo;0;L;;;;;N;;;;;
 1C1D1;PROTO-ELAMITE SIGN M314-E;Lo;0;L;;;;;N;;;;;
 1C1D2;PROTO-ELAMITE SIGN M314-F;Lo;0;L;;;;;N;;;;;
 1C1D3;PROTO-ELAMITE SIGN M314-G;Lo;0;L;;;;;N;;;;;
 1C1D4;PROTO-ELAMITE SIGN M315;Lo;0;L;;;;;N;;;;;
 1C1D5;PROTO-ELAMITE SIGN M315-A;Lo;0;L;;;;;N;;;;;
 1C1D6;PROTO-ELAMITE SIGN M316;Lo;0;L;;;;;N;;;;;
 1C1D7;PROTO-ELAMITE SIGN M316-1;Lo;0;L;;;;;N;;;;;
 1C1D8;PROTO-ELAMITE SIGN M316-2;Lo;0;L;;;;;N;;;;;
 1C1D9;PROTO-ELAMITE SIGN M316-3;Lo;0;L;;;;;N;;;;;
 1C1DA;PROTO-ELAMITE SIGN M316-4;Lo;0;L;;;;;N;;;;;
 1C1DB;PROTO-ELAMITE SIGN M316-A;Lo;0;L;;;;;N;;;;;
 1C1DC;PROTO-ELAMITE SIGN M316-E;Lo;0;L;;;;;N;;;;;

1C1DD;PROTO-ELAMITE SIGN M316-K;Lo;0;L;;;;;N;;;;;
 1C1DE;PROTO-ELAMITE SIGN M316-L;Lo;0;L;;;;;N;;;;;
 1C1DF;PROTO-ELAMITE SIGN M317;Lo;0;L;;;;;N;;;;;
 1C1E0;PROTO-ELAMITE SIGN M317-1;Lo;0;L;;;;;N;;;;;
 1C1E1;PROTO-ELAMITE SIGN M317 AND M265-B;Lo;0;L;;;;;N;;;;;
 1C1E2;PROTO-ELAMITE SIGN M317-A;Lo;0;L;;;;;N;;;;;
 1C1E3;PROTO-ELAMITE SIGN M317-B;Lo;0;L;;;;;N;;;;;
 1C1E4;PROTO-ELAMITE SIGN M317-B2;Lo;0;L;;;;;N;;;;;
 1C1E5;PROTO-ELAMITE SIGN M317-D;Lo;0;L;;;;;N;;;;;
 1C1E6;PROTO-ELAMITE SIGN M317-E;Lo;0;L;;;;;N;;;;;
 1C1E7;PROTO-ELAMITE SIGN M317-G;Lo;0;L;;;;;N;;;;;
 1C1E8;PROTO-ELAMITE SIGN M317-M;Lo;0;L;;;;;N;;;;;
 1C1E9;PROTO-ELAMITE SIGN M318;Lo;0;L;;;;;N;;;;;
 1C1EA;PROTO-ELAMITE SIGN M318-A;Lo;0;L;;;;;N;;;;;
 1C1EB;PROTO-ELAMITE SIGN M318-A1;Lo;0;L;;;;;N;;;;;
 1C1EC;PROTO-ELAMITE SIGN M318-A2;Lo;0;L;;;;;N;;;;;
 1C1ED;PROTO-ELAMITE SIGN M318-A3;Lo;0;L;;;;;N;;;;;
 1C1EE;PROTO-ELAMITE SIGN M318-C;Lo;0;L;;;;;N;;;;;
 1C1EF;PROTO-ELAMITE SIGN M318-E;Lo;0;L;;;;;N;;;;;
 1C1F0;PROTO-ELAMITE SIGN M318-G;Lo;0;L;;;;;N;;;;;
 1C1F1;PROTO-ELAMITE SIGN M318-H;Lo;0;L;;;;;N;;;;;
 1C1F2;PROTO-ELAMITE SIGN M318-N;Lo;0;L;;;;;N;;;;;
 1C1F3;PROTO-ELAMITE SIGN M319;Lo;0;L;;;;;N;;;;;
 1C1F4;PROTO-ELAMITE SIGN M319-A;Lo;0;L;;;;;N;;;;;
 1C1F5;PROTO-ELAMITE SIGN M319-C;Lo;0;L;;;;;N;;;;;
 1C1F6;PROTO-ELAMITE SIGN M320;Lo;0;L;;;;;N;;;;;
 1C1F7;PROTO-ELAMITE SIGN M320-B;Lo;0;L;;;;;N;;;;;
 1C1F8;PROTO-ELAMITE SIGN M320-C;Lo;0;L;;;;;N;;;;;
 1C1F9;PROTO-ELAMITE SIGN M320-F;Lo;0;L;;;;;N;;;;;
 1C1FA;PROTO-ELAMITE SIGN M320-M;Lo;0;L;;;;;N;;;;;
 1C1FB;PROTO-ELAMITE SIGN M320-N;Lo;0;L;;;;;N;;;;;
 1C1FC;PROTO-ELAMITE SIGN M321;Lo;0;L;;;;;N;;;;;
 1C1FD;PROTO-ELAMITE SIGN M321-B;Lo;0;L;;;;;N;;;;;
 1C1FE;PROTO-ELAMITE SIGN M321-C;Lo;0;L;;;;;N;;;;;
 1C1FF;PROTO-ELAMITE SIGN M321-D;Lo;0;L;;;;;N;;;;;
 1C200;PROTO-ELAMITE SIGN M321-F;Lo;0;L;;;;;N;;;;;
 1C201;PROTO-ELAMITE SIGN M321-FA;Lo;0;L;;;;;N;;;;;
 1C202;PROTO-ELAMITE SIGN M321-H;Lo;0;L;;;;;N;;;;;
 1C203;PROTO-ELAMITE SIGN M321-HA;Lo;0;L;;;;;N;;;;;
 1C204;PROTO-ELAMITE SIGN M321-HB;Lo;0;L;;;;;N;;;;;
 1C205;PROTO-ELAMITE SIGN M321-J;Lo;0;L;;;;;N;;;;;
 1C206;PROTO-ELAMITE SIGN M323;Lo;0;L;;;;;N;;;;;
 1C207;PROTO-ELAMITE SIGN M323-1;Lo;0;L;;;;;N;;;;;
 1C208;PROTO-ELAMITE SIGN M323-A;Lo;0;L;;;;;N;;;;;
 1C209;PROTO-ELAMITE SIGN M323-C;Lo;0;L;;;;;N;;;;;
 1C20A;PROTO-ELAMITE SIGN M323-G;Lo;0;L;;;;;N;;;;;
 1C20B;PROTO-ELAMITE SIGN M323-I;Lo;0;L;;;;;N;;;;;
 1C20C;PROTO-ELAMITE SIGN M324;Lo;0;L;;;;;N;;;;;
 1C20D;PROTO-ELAMITE SIGN M324-A;Lo;0;L;;;;;N;;;;;
 1C20E;PROTO-ELAMITE SIGN M324-C;Lo;0;L;;;;;N;;;;;

1C20F;PROTO-ELAMITE SIGN M324-D;Lo;0;L;;;;;N;;;;;
 1C210;PROTO-ELAMITE SIGN M324-E;Lo;0;L;;;;;N;;;;;
 1C211;PROTO-ELAMITE SIGN M324-F;Lo;0;L;;;;;N;;;;;
 1C212;PROTO-ELAMITE SIGN M325;Lo;0;L;;;;;N;;;;;
 1C213;PROTO-ELAMITE SIGN M325-A;Lo;0;L;;;;;N;;;;;
 1C214;PROTO-ELAMITE SIGN M325-D;Lo;0;L;;;;;N;;;;;
 1C215;PROTO-ELAMITE SIGN M325-E;Lo;0;L;;;;;N;;;;;
 1C216;PROTO-ELAMITE SIGN M325-G;Lo;0;L;;;;;N;;;;;
 1C217;PROTO-ELAMITE SIGN M325-H;Lo;0;L;;;;;N;;;;;
 1C218;PROTO-ELAMITE SIGN M326-A;Lo;0;L;;;;;N;;;;;
 1C219;PROTO-ELAMITE SIGN M327;Lo;0;L;;;;;N;;;;;
 1C21A;PROTO-ELAMITE SIGN M327 AND M44;Lo;0;L;;;;;N;;;;;
 1C21B;PROTO-ELAMITE SIGN M327 AND M57;Lo;0;L;;;;;N;;;;;
 1C21C;PROTO-ELAMITE SIGN M327 AND M59;Lo;0;L;;;;;N;;;;;
 1C21D;PROTO-ELAMITE SIGN M327 AND M74-A;Lo;0;L;;;;;N;;;;;
 1C21E;PROTO-ELAMITE SIGN M327 AND M320;Lo;0;L;;;;;N;;;;;
 1C21F;PROTO-ELAMITE SIGN M327 AND M342;Lo;0;L;;;;;N;;;;;
 1C220;PROTO-ELAMITE SIGN M327 AND M348;Lo;0;L;;;;;N;;;;;
 1C221;PROTO-ELAMITE SIGN M327 AND M365;Lo;0;L;;;;;N;;;;;
 1C222;PROTO-ELAMITE SIGN M327 AND M367;Lo;0;L;;;;;N;;;;;
 1C223;PROTO-ELAMITE SIGN M327-AG;Lo;0;L;;;;;N;;;;;
 1C224;PROTO-ELAMITE SIGN M327-D;Lo;0;L;;;;;N;;;;;
 1C225;PROTO-ELAMITE SIGN M327-N;Lo;0;L;;;;;N;;;;;
 1C226;PROTO-ELAMITE SIGN M327-P;Lo;0;L;;;;;N;;;;;
 1C227;PROTO-ELAMITE SIGN M328-B;Lo;0;L;;;;;N;;;;;
 1C228;PROTO-ELAMITE SIGN M328-C;Lo;0;L;;;;;N;;;;;
 1C229;PROTO-ELAMITE SIGN M329;Lo;0;L;;;;;N;;;;;
 1C22A;PROTO-ELAMITE SIGN M330-D;Lo;0;L;;;;;N;;;;;
 1C22B;PROTO-ELAMITE SIGN M332-A;Lo;0;L;;;;;N;;;;;
 1C22C;PROTO-ELAMITE SIGN M332-C;Lo;0;L;;;;;N;;;;;
 1C22D;PROTO-ELAMITE SIGN M332-D;Lo;0;L;;;;;N;;;;;
 1C22E;PROTO-ELAMITE SIGN M332-E;Lo;0;L;;;;;N;;;;;
 1C22F;PROTO-ELAMITE SIGN M332-F;Lo;0;L;;;;;N;;;;;
 1C230;PROTO-ELAMITE SIGN M332-G;Lo;0;L;;;;;N;;;;;
 1C231;PROTO-ELAMITE SIGN M340;Lo;0;L;;;;;N;;;;;
 1C232;PROTO-ELAMITE SIGN M341-Q;Lo;0;L;;;;;N;;;;;
 1C233;PROTO-ELAMITE SIGN M342;Lo;0;L;;;;;N;;;;;
 1C234;PROTO-ELAMITE SIGN M342-1;Lo;0;L;;;;;N;;;;;
 1C235;PROTO-ELAMITE SIGN M343;Lo;0;L;;;;;N;;;;;
 1C236;PROTO-ELAMITE SIGN M343-D;Lo;0;L;;;;;N;;;;;
 1C237;PROTO-ELAMITE SIGN M343-E;Lo;0;L;;;;;N;;;;;
 1C238;PROTO-ELAMITE SIGN M343-H;Lo;0;L;;;;;N;;;;;
 1C239;PROTO-ELAMITE SIGN M343-H AND M353;Lo;0;L;;;;;N;;;;;
 1C23A;PROTO-ELAMITE SIGN M343-H AND M354;Lo;0;L;;;;;N;;;;;
 1C23B;PROTO-ELAMITE SIGN M344;Lo;0;L;;;;;N;;;;;
 1C23C;PROTO-ELAMITE SIGN M344-D;Lo;0;L;;;;;N;;;;;
 1C23D;PROTO-ELAMITE SIGN M346;Lo;0;L;;;;;N;;;;;
 1C23E;PROTO-ELAMITE SIGN M346-1;Lo;0;L;;;;;N;;;;;
 1C23F;PROTO-ELAMITE SIGN M346-A;Lo;0;L;;;;;N;;;;;
 1C240;PROTO-ELAMITE SIGN M346-A1;Lo;0;L;;;;;N;;;;;

1C241;PROTO-ELAMITE SIGN M346-A2;Lo;0;L;;;;;N;;;;;
 1C242;PROTO-ELAMITE SIGN M346-A3;Lo;0;L;;;;;N;;;;;
 1C243;PROTO-ELAMITE SIGN M346-A4;Lo;0;L;;;;;N;;;;;
 1C244;PROTO-ELAMITE SIGN M346-B;Lo;0;L;;;;;N;;;;;
 1C245;PROTO-ELAMITE SIGN M346-C;Lo;0;L;;;;;N;;;;;
 1C246;PROTO-ELAMITE SIGN M346-D;Lo;0;L;;;;;N;;;;;
 1C247;PROTO-ELAMITE SIGN M347;Lo;0;L;;;;;N;;;;;
 1C248;PROTO-ELAMITE SIGN M348;Lo;0;L;;;;;N;;;;;
 1C249;PROTO-ELAMITE SIGN M348 AND M4;Lo;0;L;;;;;N;;;;;
 1C24A;PROTO-ELAMITE SIGN M348 AND M346;Lo;0;L;;;;;N;;;;;
 1C24B;PROTO-ELAMITE SIGN M348-B;Lo;0;L;;;;;N;;;;;
 1C24C;PROTO-ELAMITE SIGN M349;Lo;0;L;;;;;N;;;;;
 1C24D;PROTO-ELAMITE SIGN M351;Lo;0;L;;;;;N;;;;;
 1C24E;PROTO-ELAMITE SIGN M351 AND ONE-N14;Lo;0;L;;;;;N;;;;;
 1C24F;PROTO-ELAMITE SIGN M351 AND THREE-N1;Lo;0;L;;;;;N;;;;;
 1C250;PROTO-ELAMITE SIGN M351 AND M342;Lo;0;L;;;;;N;;;;;
 1C251;PROTO-ELAMITE SIGN M351 AND M380-B;Lo;0;L;;;;;N;;;;;
 1C252;PROTO-ELAMITE SIGN M351-C;Lo;0;L;;;;;N;;;;;
 1C253;PROTO-ELAMITE SIGN M351-D;Lo;0;L;;;;;N;;;;;
 1C254;PROTO-ELAMITE SIGN M351-M;Lo;0;L;;;;;N;;;;;
 1C255;PROTO-ELAMITE SIGN M352-A;Lo;0;L;;;;;N;;;;;
 1C256;PROTO-ELAMITE SIGN M352-B;Lo;0;L;;;;;N;;;;;
 1C257;PROTO-ELAMITE SIGN M352-C;Lo;0;L;;;;;N;;;;;
 1C258;PROTO-ELAMITE SIGN M352-E;Lo;0;L;;;;;N;;;;;
 1C259;PROTO-ELAMITE SIGN M352-H;Lo;0;L;;;;;N;;;;;
 1C25A;PROTO-ELAMITE SIGN M352-N;Lo;0;L;;;;;N;;;;;
 1C25B;PROTO-ELAMITE SIGN M352-N2;Lo;0;L;;;;;N;;;;;
 1C25C;PROTO-ELAMITE SIGN M352-O;Lo;0;L;;;;;N;;;;;
 1C25D;PROTO-ELAMITE SIGN M352-R;Lo;0;L;;;;;N;;;;;
 1C25E;PROTO-ELAMITE SIGN M352-S;Lo;0;L;;;;;N;;;;;
 1C25F;PROTO-ELAMITE SIGN M353;Lo;0;L;;;;;N;;;;;
 1C260;PROTO-ELAMITE SIGN M354;Lo;0;L;;;;;N;;;;;
 1C261;PROTO-ELAMITE SIGN M356;Lo;0;L;;;;;N;;;;;
 1C262;PROTO-ELAMITE SIGN M356-B;Lo;0;L;;;;;N;;;;;
 1C263;PROTO-ELAMITE SIGN M357;Lo;0;L;;;;;N;;;;;
 1C264;PROTO-ELAMITE SIGN M358;Lo;0;L;;;;;N;;;;;
 1C265;PROTO-ELAMITE SIGN M358-A;Lo;0;L;;;;;N;;;;;
 1C266;PROTO-ELAMITE SIGN M358-B;Lo;0;L;;;;;N;;;;;
 1C267;PROTO-ELAMITE SIGN M358-F;Lo;0;L;;;;;N;;;;;
 1C268;PROTO-ELAMITE SIGN M359;Lo;0;L;;;;;N;;;;;
 1C269;PROTO-ELAMITE SIGN M360-B;Lo;0;L;;;;;N;;;;;
 1C26A;PROTO-ELAMITE SIGN M361-A;Lo;0;L;;;;;N;;;;;
 1C26B;PROTO-ELAMITE SIGN M361-B;Lo;0;L;;;;;N;;;;;
 1C26C;PROTO-ELAMITE SIGN M361-C;Lo;0;L;;;;;N;;;;;
 1C26D;PROTO-ELAMITE SIGN M361-D;Lo;0;L;;;;;N;;;;;
 1C26E;PROTO-ELAMITE SIGN M362;Lo;0;L;;;;;N;;;;;
 1C26F;PROTO-ELAMITE SIGN M362 AND M5;Lo;0;L;;;;;N;;;;;
 1C270;PROTO-ELAMITE SIGN M362 AND M24-C;Lo;0;L;;;;;N;;;;;
 1C271;PROTO-ELAMITE SIGN M362 AND M26-H;Lo;0;L;;;;;N;;;;;
 1C272;PROTO-ELAMITE SIGN M362 AND M41-E;Lo;0;L;;;;;N;;;;;

1C273;PROTO-ELAMITE SIGN M362 AND M59;Lo;0;L;;;;;N;;;;;
 1C274;PROTO-ELAMITE SIGN M362 AND M59-D;Lo;0;L;;;;;N;;;;;
 1C275;PROTO-ELAMITE SIGN M362 AND M99-B;Lo;0;L;;;;;N;;;;;
 1C276;PROTO-ELAMITE SIGN M362 AND M123-B;Lo;0;L;;;;;N;;;;;
 1C277;PROTO-ELAMITE SIGN M362 AND M158;Lo;0;L;;;;;N;;;;;
 1C278;PROTO-ELAMITE SIGN M362 AND M207-N;Lo;0;L;;;;;N;;;;;
 1C279;PROTO-ELAMITE SIGN M362 AND M244;Lo;0;L;;;;;N;;;;;
 1C27A;PROTO-ELAMITE SIGN M362 AND M247-G;Lo;0;L;;;;;N;;;;;
 1C27B;PROTO-ELAMITE SIGN M362 AND M312-A;Lo;0;L;;;;;N;;;;;
 1C27C;PROTO-ELAMITE SIGN M362 AND M317;Lo;0;L;;;;;N;;;;;
 1C27D;PROTO-ELAMITE SIGN M362 AND M365;Lo;0;L;;;;;N;;;;;
 1C27E;PROTO-ELAMITE SIGN M362 AND M367;Lo;0;L;;;;;N;;;;;
 1C27F;PROTO-ELAMITE SIGN M362 AND M383-C;Lo;0;L;;;;;N;;;;;
 1C280;PROTO-ELAMITE SIGN M362 AND M384-A;Lo;0;L;;;;;N;;;;;
 1C281;PROTO-ELAMITE SIGN M362-A;Lo;0;L;;;;;N;;;;;
 1C282;PROTO-ELAMITE SIGN M362-B;Lo;0;L;;;;;N;;;;;
 1C283;PROTO-ELAMITE SIGN M362-GC;Lo;0;L;;;;;N;;;;;
 1C284;PROTO-ELAMITE SIGN M363-B;Lo;0;L;;;;;N;;;;;
 1C285;PROTO-ELAMITE SIGN M365;Lo;0;L;;;;;N;;;;;
 1C286;PROTO-ELAMITE SIGN M365-A;Lo;0;L;;;;;N;;;;;
 1C287;PROTO-ELAMITE SIGN M365-C;Lo;0;L;;;;;N;;;;;
 1C288;PROTO-ELAMITE SIGN M365-D;Lo;0;L;;;;;N;;;;;
 1C289;PROTO-ELAMITE SIGN M365-G;Lo;0;L;;;;;N;;;;;
 1C28A;PROTO-ELAMITE SIGN M367;Lo;0;L;;;;;N;;;;;
 1C28B;PROTO-ELAMITE SIGN M367-A;Lo;0;L;;;;;N;;;;;
 1C28C;PROTO-ELAMITE SIGN M367-A1;Lo;0;L;;;;;N;;;;;
 1C28D;PROTO-ELAMITE SIGN M367-A2;Lo;0;L;;;;;N;;;;;
 1C28E;PROTO-ELAMITE SIGN M367-B;Lo;0;L;;;;;N;;;;;
 1C28F;PROTO-ELAMITE SIGN M367-C;Lo;0;L;;;;;N;;;;;
 1C290;PROTO-ELAMITE SIGN M367-D;Lo;0;L;;;;;N;;;;;
 1C291;PROTO-ELAMITE SIGN M367-E;Lo;0;L;;;;;N;;;;;
 1C292;PROTO-ELAMITE SIGN M367-F;Lo;0;L;;;;;N;;;;;
 1C293;PROTO-ELAMITE SIGN M367-G;Lo;0;L;;;;;N;;;;;
 1C294;PROTO-ELAMITE SIGN M367-I;Lo;0;L;;;;;N;;;;;
 1C295;PROTO-ELAMITE SIGN M368-A;Lo;0;L;;;;;N;;;;;
 1C296;PROTO-ELAMITE SIGN M368-B;Lo;0;L;;;;;N;;;;;
 1C297;PROTO-ELAMITE SIGN M368-C;Lo;0;L;;;;;N;;;;;
 1C298;PROTO-ELAMITE SIGN M369;Lo;0;L;;;;;N;;;;;
 1C299;PROTO-ELAMITE SIGN M369-A;Lo;0;L;;;;;N;;;;;
 1C29A;PROTO-ELAMITE SIGN M369-B;Lo;0;L;;;;;N;;;;;
 1C29B;PROTO-ELAMITE SIGN M370;Lo;0;L;;;;;N;;;;;
 1C29C;PROTO-ELAMITE SIGN M370 AND M46 AND M370;Lo;0;L;;;;;N;;;;;
 1C29D;PROTO-ELAMITE SIGN M370 AND M72 AND M370;Lo;0;L;;;;;N;;;;;
 1C29E;PROTO-ELAMITE SIGN M370 AND M386 AND M370;Lo;0;L;;;;;N;;;;;
 1C29F;PROTO-ELAMITE SIGN M370 AND M388 AND M370;Lo;0;L;;;;;N;;;;;
 1C2A0;PROTO-ELAMITE SIGN M370-B;Lo;0;L;;;;;N;;;;;
 1C2A1;PROTO-ELAMITE SIGN M370-B AND M46;Lo;0;L;;;;;N;;;;;
 1C2A2;PROTO-ELAMITE SIGN M370-B AND M72;Lo;0;L;;;;;N;;;;;
 1C2A3;PROTO-ELAMITE SIGN M370-B AND M388;Lo;0;L;;;;;N;;;;;
 1C2A4;PROTO-ELAMITE SIGN M370-C;Lo;0;L;;;;;N;;;;;

1C2A5;PROTO-ELAMITE SIGN M370-D;Lo;0;L;;;;;N;;;;;
 1C2A6;PROTO-ELAMITE SIGN M370-DA;Lo;0;L;;;;;N;;;;;
 1C2A7;PROTO-ELAMITE SIGN M370-K;Lo;0;L;;;;;N;;;;;
 1C2A8;PROTO-ELAMITE SIGN M370-M;Lo;0;L;;;;;N;;;;;
 1C2A9;PROTO-ELAMITE SIGN M371;Lo;0;L;;;;;N;;;;;
 1C2AA;PROTO-ELAMITE SIGN M371-A;Lo;0;L;;;;;N;;;;;
 1C2AB;PROTO-ELAMITE SIGN M371-B;Lo;0;L;;;;;N;;;;;
 1C2AC;PROTO-ELAMITE SIGN M371-C;Lo;0;L;;;;;N;;;;;
 1C2AD;PROTO-ELAMITE SIGN M371-D;Lo;0;L;;;;;N;;;;;
 1C2AE;PROTO-ELAMITE SIGN M371-E;Lo;0;L;;;;;N;;;;;
 1C2AF;PROTO-ELAMITE SIGN M372;Lo;0;L;;;;;N;;;;;
 1C2B0;PROTO-ELAMITE SIGN M372-A;Lo;0;L;;;;;N;;;;;
 1C2B1;PROTO-ELAMITE SIGN M372-M;Lo;0;L;;;;;N;;;;;
 1C2B2;PROTO-ELAMITE SIGN M373;Lo;0;L;;;;;N;;;;;
 1C2B3;PROTO-ELAMITE SIGN M373-A;Lo;0;L;;;;;N;;;;;
 1C2B4;PROTO-ELAMITE SIGN M374-A;Lo;0;L;;;;;N;;;;;
 1C2B5;PROTO-ELAMITE SIGN M374-C;Lo;0;L;;;;;N;;;;;
 1C2B6;PROTO-ELAMITE SIGN M375;Lo;0;L;;;;;N;;;;;
 1C2B7;PROTO-ELAMITE SIGN M375-A;Lo;0;L;;;;;N;;;;;
 1C2B8;PROTO-ELAMITE SIGN M375-B;Lo;0;L;;;;;N;;;;;
 1C2B9;PROTO-ELAMITE SIGN M375-D;Lo;0;L;;;;;N;;;;;
 1C2BA;PROTO-ELAMITE SIGN M375-E;Lo;0;L;;;;;N;;;;;
 1C2BB;PROTO-ELAMITE SIGN M375-I;Lo;0;L;;;;;N;;;;;
 1C2BC;PROTO-ELAMITE SIGN M375-N;Lo;0;L;;;;;N;;;;;
 1C2BD;PROTO-ELAMITE SIGN M376;Lo;0;L;;;;;N;;;;;
 1C2BE;PROTO-ELAMITE SIGN M376-A;Lo;0;L;;;;;N;;;;;
 1C2BF;PROTO-ELAMITE SIGN M376-B;Lo;0;L;;;;;N;;;;;
 1C2C0;PROTO-ELAMITE SIGN M377;Lo;0;L;;;;;N;;;;;
 1C2C1;PROTO-ELAMITE SIGN M377 AND M320 AND M377;Lo;0;L;;;;;N;;;;;
 1C2C2;PROTO-ELAMITE SIGN M377 AND M377;Lo;0;L;;;;;N;;;;;
 1C2C3;PROTO-ELAMITE SIGN M377 AND M377-G AND M377;Lo;0;L;;;;;N;;;;;
 1C2C4;PROTO-ELAMITE SIGN M377 AND M383 AND M377;Lo;0;L;;;;;N;;;;;
 1C2C5;PROTO-ELAMITE SIGN M377-E;Lo;0;L;;;;;N;;;;;
 1C2C6;PROTO-ELAMITE SIGN M377-E AND M320 AND M377-E;Lo;0;L;;;;;N;;;;;
 1C2C7;PROTO-ELAMITE SIGN M377-E AND M377-E;Lo;0;L;;;;;N;;;;;
 1C2C8;PROTO-ELAMITE SIGN M377-G;Lo;0;L;;;;;N;;;;;
 1C2C9;PROTO-ELAMITE SIGN M378;Lo;0;L;;;;;N;;;;;
 1C2CA;PROTO-ELAMITE SIGN M379;Lo;0;L;;;;;N;;;;;
 1C2CB;PROTO-ELAMITE SIGN M379-C;Lo;0;L;;;;;N;;;;;
 1C2CC;PROTO-ELAMITE SIGN M379-D;Lo;0;L;;;;;N;;;;;
 1C2CD;PROTO-ELAMITE SIGN M379-E;Lo;0;L;;;;;N;;;;;
 1C2CE;PROTO-ELAMITE SIGN M379-G;Lo;0;L;;;;;N;;;;;
 1C2CF;PROTO-ELAMITE SIGN M380;Lo;0;L;;;;;N;;;;;
 1C2D0;PROTO-ELAMITE SIGN M380-B;Lo;0;L;;;;;N;;;;;
 1C2D1;PROTO-ELAMITE SIGN M380-C;Lo;0;L;;;;;N;;;;;
 1C2D2;PROTO-ELAMITE SIGN M381;Lo;0;L;;;;;N;;;;;
 1C2D3;PROTO-ELAMITE SIGN M381-E;Lo;0;L;;;;;N;;;;;
 1C2D4;PROTO-ELAMITE SIGN M382;Lo;0;L;;;;;N;;;;;
 1C2D5;PROTO-ELAMITE SIGN M382-A;Lo;0;L;;;;;N;;;;;
 1C2D6;PROTO-ELAMITE SIGN M382-B;Lo;0;L;;;;;N;;;;;

1C2D7;PROTO-ELAMITE SIGN M382-C;Lo;0;L;;;;;N;;;;;
 1C2D8;PROTO-ELAMITE SIGN M382-D;Lo;0;L;;;;;N;;;;;
 1C2D9;PROTO-ELAMITE SIGN M382-E;Lo;0;L;;;;;N;;;;;
 1C2DA;PROTO-ELAMITE SIGN M382-F;Lo;0;L;;;;;N;;;;;
 1C2DB;PROTO-ELAMITE SIGN M382-G;Lo;0;L;;;;;N;;;;;
 1C2DC;PROTO-ELAMITE SIGN M383;Lo;0;L;;;;;N;;;;;
 1C2DD;PROTO-ELAMITE SIGN M383-A;Lo;0;L;;;;;N;;;;;
 1C2DE;PROTO-ELAMITE SIGN M383-B;Lo;0;L;;;;;N;;;;;
 1C2DF;PROTO-ELAMITE SIGN M383-C;Lo;0;L;;;;;N;;;;;
 1C2E0;PROTO-ELAMITE SIGN M383-D;Lo;0;L;;;;;N;;;;;
 1C2E1;PROTO-ELAMITE SIGN M383-E;Lo;0;L;;;;;N;;;;;
 1C2E2;PROTO-ELAMITE SIGN M383-E1;Lo;0;L;;;;;N;;;;;
 1C2E3;PROTO-ELAMITE SIGN M383-H;Lo;0;L;;;;;N;;;;;
 1C2E4;PROTO-ELAMITE SIGN M383-J;Lo;0;L;;;;;N;;;;;
 1C2E5;PROTO-ELAMITE SIGN M383-K;Lo;0;L;;;;;N;;;;;
 1C2E6;PROTO-ELAMITE SIGN M383-M;Lo;0;L;;;;;N;;;;;
 1C2E7;PROTO-ELAMITE SIGN M383-N;Lo;0;L;;;;;N;;;;;
 1C2E8;PROTO-ELAMITE SIGN M384;Lo;0;L;;;;;N;;;;;
 1C2E9;PROTO-ELAMITE SIGN M384-A;Lo;0;L;;;;;N;;;;;
 1C2EA;PROTO-ELAMITE SIGN M384-AB;Lo;0;L;;;;;N;;;;;
 1C2EB;PROTO-ELAMITE SIGN M384-B;Lo;0;L;;;;;N;;;;;
 1C2EC;PROTO-ELAMITE SIGN M384-C;Lo;0;L;;;;;N;;;;;
 1C2ED;PROTO-ELAMITE SIGN M384-D;Lo;0;L;;;;;N;;;;;
 1C2EE;PROTO-ELAMITE SIGN M384-D1;Lo;0;L;;;;;N;;;;;
 1C2EF;PROTO-ELAMITE SIGN M384-D2;Lo;0;L;;;;;N;;;;;
 1C2F0;PROTO-ELAMITE SIGN M384-E;Lo;0;L;;;;;N;;;;;
 1C2F1;PROTO-ELAMITE SIGN M384-F;Lo;0;L;;;;;N;;;;;
 1C2F2;PROTO-ELAMITE SIGN M384-H;Lo;0;L;;;;;N;;;;;
 1C2F3;PROTO-ELAMITE SIGN M384-I;Lo;0;L;;;;;N;;;;;
 1C2F4;PROTO-ELAMITE SIGN M385;Lo;0;L;;;;;N;;;;;
 1C2F5;PROTO-ELAMITE SIGN M385-A;Lo;0;L;;;;;N;;;;;
 1C2F6;PROTO-ELAMITE SIGN M385-C;Lo;0;L;;;;;N;;;;;
 1C2F7;PROTO-ELAMITE SIGN M385-F;Lo;0;L;;;;;N;;;;;
 1C2F8;PROTO-ELAMITE SIGN M386;Lo;0;L;;;;;N;;;;;
 1C2F9;PROTO-ELAMITE SIGN M386 AND M111-J;Lo;0;L;;;;;N;;;;;
 1C2FA;PROTO-ELAMITE SIGN M386-A;Lo;0;L;;;;;N;;;;;
 1C2FB;PROTO-ELAMITE SIGN M386-D;Lo;0;L;;;;;N;;;;;
 1C2FC;PROTO-ELAMITE SIGN M386-DA;Lo;0;L;;;;;N;;;;;
 1C2FD;PROTO-ELAMITE SIGN M386-Q;Lo;0;L;;;;;N;;;;;
 1C2FE;PROTO-ELAMITE SIGN M387;Lo;0;L;;;;;N;;;;;
 1C2FF;PROTO-ELAMITE SIGN M387-A;Lo;0;L;;;;;N;;;;;
 1C300;PROTO-ELAMITE SIGN M387-B;Lo;0;L;;;;;N;;;;;
 1C301;PROTO-ELAMITE SIGN M387-C;Lo;0;L;;;;;N;;;;;
 1C302;PROTO-ELAMITE SIGN M387-CA;Lo;0;L;;;;;N;;;;;
 1C303;PROTO-ELAMITE SIGN M387-CA AND M340 AND M387-CA;Lo;0;L;;;;;N;;;;;
 1C304;PROTO-ELAMITE SIGN M387-EE;Lo;0;L;;;;;N;;;;;
 1C305;PROTO-ELAMITE SIGN M387-EE1;Lo;0;L;;;;;N;;;;;
 1C306;PROTO-ELAMITE SIGN M387-EF;Lo;0;L;;;;;N;;;;;
 1C307;PROTO-ELAMITE SIGN M387-EF1;Lo;0;L;;;;;N;;;;;
 1C308;PROTO-ELAMITE SIGN M387-EG;Lo;0;L;;;;;N;;;;;

1C309;PROTO-ELAMITE SIGN M387-EH;Lo;0;L;;;;;N;;;;;
 1C30A;PROTO-ELAMITE SIGN M387-FA;Lo;0;L;;;;;N;;;;;
 1C30B;PROTO-ELAMITE SIGN M387-H;Lo;0;L;;;;;N;;;;;
 1C30C;PROTO-ELAMITE SIGN M387-HA;Lo;0;L;;;;;N;;;;;
 1C30D;PROTO-ELAMITE SIGN M387-HB;Lo;0;L;;;;;N;;;;;
 1C30E;PROTO-ELAMITE SIGN M387-I;Lo;0;L;;;;;N;;;;;
 1C30F;PROTO-ELAMITE SIGN M387-J;Lo;0;L;;;;;N;;;;;
 1C310;PROTO-ELAMITE SIGN M387-L;Lo;0;L;;;;;N;;;;;
 1C311;PROTO-ELAMITE SIGN M387-L1;Lo;0;L;;;;;N;;;;;
 1C312;PROTO-ELAMITE SIGN M387-O;Lo;0;L;;;;;N;;;;;
 1C313;PROTO-ELAMITE SIGN M388;Lo;0;L;;;;;N;;;;;
 1C314;PROTO-ELAMITE SIGN M388-C;Lo;0;L;;;;;N;;;;;
 1C315;PROTO-ELAMITE SIGN M390;Lo;0;L;;;;;N;;;;;
 1C316;PROTO-ELAMITE SIGN M390 AND ONE-N14;Lo;0;L;;;;;N;;;;;
 1C317;PROTO-ELAMITE SIGN M391;Lo;0;L;;;;;N;;;;;
 1C318;PROTO-ELAMITE SIGN M393-A;Lo;0;L;;;;;N;;;;;
 1C319;PROTO-ELAMITE SIGN M393-B;Lo;0;L;;;;;N;;;;;
 1C31A;PROTO-ELAMITE SIGN M393-E;Lo;0;L;;;;;N;;;;;
 1C31B;PROTO-ELAMITE SIGN M393-F;Lo;0;L;;;;;N;;;;;
 1C31C;PROTO-ELAMITE SIGN M393-FA;Lo;0;L;;;;;N;;;;;
 1C31D;PROTO-ELAMITE SIGN M401;Lo;0;L;;;;;N;;;;;
 1C31E;PROTO-ELAMITE SIGN M402;Lo;0;L;;;;;N;;;;;
 1C31F;PROTO-ELAMITE SIGN M410;Lo;0;L;;;;;N;;;;;
 1C320;PROTO-ELAMITE SIGN M411;Lo;0;L;;;;;N;;;;;
 1C321;PROTO-ELAMITE SIGN M412;Lo;0;L;;;;;N;;;;;
 1C322;PROTO-ELAMITE SIGN M417-D;Lo;0;L;;;;;N;;;;;
 1C323;PROTO-ELAMITE SIGN M417-E;Lo;0;L;;;;;N;;;;;
 1C324;PROTO-ELAMITE SIGN M417-F;Lo;0;L;;;;;N;;;;;
 1C325;PROTO-ELAMITE SIGN M417-G;Lo;0;L;;;;;N;;;;;
 1C326;PROTO-ELAMITE SIGN M417-H;Lo;0;L;;;;;N;;;;;
 1C327;PROTO-ELAMITE SIGN M418-A;Lo;0;L;;;;;N;;;;;
 1C328;PROTO-ELAMITE SIGN M418-B;Lo;0;L;;;;;N;;;;;
 1C329;PROTO-ELAMITE SIGN M418-C;Lo;0;L;;;;;N;;;;;
 1C32A;PROTO-ELAMITE SIGN M419;Lo;0;L;;;;;N;;;;;
 1C32B;PROTO-ELAMITE SIGN M419-A;Lo;0;L;;;;;N;;;;;
 1C32C;PROTO-ELAMITE SIGN M419-B;Lo;0;L;;;;;N;;;;;
 1C32D;PROTO-ELAMITE SIGN M420;Lo;0;L;;;;;N;;;;;
 1C32E;PROTO-ELAMITE SIGN M421;Lo;0;L;;;;;N;;;;;
 1C32F;PROTO-ELAMITE SIGN M424;Lo;0;L;;;;;N;;;;;
 1C330;PROTO-ELAMITE SIGN M431;Lo;0;L;;;;;N;;;;;
 1C331;PROTO-ELAMITE SIGN M432;Lo;0;L;;;;;N;;;;;
 1C332;PROTO-ELAMITE SIGN M433;Lo;0;L;;;;;N;;;;;
 1C333;PROTO-ELAMITE SIGN M438;Lo;0;L;;;;;N;;;;;
 1C334;PROTO-ELAMITE SIGN M441;Lo;0;L;;;;;N;;;;;
 1C335;PROTO-ELAMITE SIGN M444;Lo;0;L;;;;;N;;;;;
 1C336;PROTO-ELAMITE SIGN M445;Lo;0;L;;;;;N;;;;;
 1C337;PROTO-ELAMITE SIGN M446;Lo;0;L;;;;;N;;;;;
 1C338;PROTO-ELAMITE SIGN M447;Lo;0;L;;;;;N;;;;;
 1C339;PROTO-ELAMITE SIGN M447-B;Lo;0;L;;;;;N;;;;;
 1C33A;PROTO-ELAMITE SIGN M447-C;Lo;0;L;;;;;N;;;;;

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1C33B;PROTO-ELAMITE SIGN M447-D;Lo;0;L;;;;;N;;;;;
1C33C;PROTO-ELAMITE SIGN M448;Lo;0;L;;;;;N;;;;;
1C33D;PROTO-ELAMITE SIGN M449;Lo;0;L;;;;;N;;;;;
1C33E;PROTO-ELAMITE SIGN M450;Lo;0;L;;;;;N;;;;;
1C33F;PROTO-ELAMITE SIGN M452;Lo;0;L;;;;;N;;;;;
1C340;PROTO-ELAMITE SIGN M453;Lo;0;L;;;;;N;;;;;
1C341;PROTO-ELAMITE SIGN M454;Lo;0;L;;;;;N;;;;;
1C342;PROTO-ELAMITE SIGN M455;Lo;0;L;;;;;N;;;;;
1C343;PROTO-ELAMITE SIGN M458;Lo;0;L;;;;;N;;;;;
1C344;PROTO-ELAMITE SIGN M461;Lo;0;L;;;;;N;;;;;
1C345;PROTO-ELAMITE SIGN M461-B;Lo;0;L;;;;;N;;;;;
1C346;PROTO-ELAMITE SIGN M461-Q;Lo;0;L;;;;;N;;;;;
1C347;PROTO-ELAMITE SIGN M462;Lo;0;L;;;;;N;;;;;
1C348;PROTO-ELAMITE SIGN M465;Lo;0;L;;;;;N;;;;;
1C349;PROTO-ELAMITE SIGN M466;Lo;0;L;;;;;N;;;;;
1C34A;PROTO-ELAMITE SIGN M467;Lo;0;L;;;;;N;;;;;
1C34B;PROTO-ELAMITE SIGN M468;Lo;0;L;;;;;N;;;;;
1C34C;PROTO-ELAMITE SIGN M469;Lo;0;L;;;;;N;;;;;
1C34D;PROTO-ELAMITE SIGN M470;Lo;0;L;;;;;N;;;;;
1C34E;PROTO-ELAMITE SIGN M471;Lo;0;L;;;;;N;;;;;
1C34F;PROTO-ELAMITE SIGN M471-B;Lo;0;L;;;;;N;;;;;
1C350;PROTO-ELAMITE SIGN M479;Lo;0;L;;;;;N;;;;;
1C351;PROTO-ELAMITE SIGN M480;Lo;0;L;;;;;N;;;;;
1C352;PROTO-ELAMITE SIGN M482;Lo;0;L;;;;;N;;;;;
1C353;PROTO-ELAMITE SIGN M483;Lo;0;L;;;;;N;;;;;
1C354;PROTO-ELAMITE SIGN M483-B;Lo;0;L;;;;;N;;;;;
1C355;PROTO-ELAMITE SIGN M483-C;Lo;0;L;;;;;N;;;;;
1C356;PROTO-ELAMITE SIGN M486;Lo;0;L;;;;;N;;;;;
1C357;PROTO-ELAMITE SIGN M489;Lo;0;L;;;;;N;;;;;
1C358;PROTO-ELAMITE SIGN M490;Lo;0;L;;;;;N;;;;;
1C359;PROTO-ELAMITE SIGN M491;Lo;0;L;;;;;N;;;;;
1C35A;PROTO-ELAMITE SIGN M492;Lo;0;L;;;;;N;;;;;
1C35B;PROTO-ELAMITE SIGN M495;Lo;0;L;;;;;N;;;;;
1C35C;PROTO-ELAMITE SIGN M496;Lo;0;L;;;;;N;;;;;
1C35D;PROTO-ELAMITE SIGN M497;Lo;0;L;;;;;N;;;;;
1C35E;PROTO-ELAMITE SIGN M500;Lo;0;L;;;;;N;;;;;
1C35F;PROTO-ELAMITE SIGN M501;Lo;0;L;;;;;N;;;;;
1C360;PROTO-ELAMITE SIGN M503;Lo;0;L;;;;;N;;;;;
1C361;PROTO-ELAMITE SIGN M504;Lo;0;L;;;;;N;;;;;
1C362;PROTO-ELAMITE SIGN M505;Lo;0;L;;;;;N;;;;;
1C363;PROTO-ELAMITE SIGN M506;Lo;0;L;;;;;N;;;;;

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Linebreaking Properties: Linebreak.txt

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1BD00..1BD39;AL # N1 [58] PROTO-ELAMITE NUMBER ONE-N1..PROTO-ELAMITE NUMBER NINE-N14
1BD3A..1C363;AL # N1 [1578] PROTO-ELAMITE SIGN M1..PROTO-ELAMITE SIGN M506

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8 Sign List Differences

8.1 EPS, PDF

EPS vs PDF There are 262 signs in EPS that are not in PDF:

1(N01)	5(N14)	M066~a1	M157+M080~c	M267~ha
1(N01@b)	6(N01)	M066~a2	M157+M111~i	M267~hb
1(N01@c)	6(N14)	M073~b1	M157+M348	M269~j1
1(N02)	7(N01)	M075~o1	M195~c1	M269~j2
1(N08A)	7(N14)	M075~o2	M200~1	M270~n
1(N08B)	8(N01)	M076~e	M201+M377	M271~m
1(N14)	8(N14)	M081~1	M206~d1	M276~a
1(N14@b)	9(N01)	M093~a	M206~g1	M278~da
1(N14@c)	9(N14)	M096~1	M206~g2	M280~g
1(N23)	M006@g	M096~2	M209~d1	M295~c
1(N24)	M006@g~1	M096~3	M210~ma	M295~ca
1(N24@b)	M006@g~2	M102~c	M218~1	M295~cb
1(N24@c)	M006~b@g	M102~d1	M218~1+M288	M295~f
1(N30C)	M007~c	M102~e(2)	M219~1	M295~k1
1(N30C@b)	M007~d	M103~1	M226~e	M296~c
1(N30C@c)	M010~1	M103~2	M240~d1	M297~c1
1(N30D)	M010~2	M103~3	M241	M297~c2
1(N30D@b)	M010~3	M103~d	M249~n1	M299
1(N30D@c)	M010~4	M105~g	M251~c2	M305+M332~d
1(N34)	M010~5	M106+M288~1	M251~c3	M309~a1
1(N34@b)	M010~6	M106~1	M252~a	M313~a
1(N39A)	M010~7	M111~j1	M254~e	M313~b
1(N39B)	M014~a	M111~j2	M256~d	M313~b1
1(N39B@b)	M014~b	M111~o1	M259~1	M313~f
1(N39B@c)	M024~1	M112~1	M259~2	M316~1
1(N39C)	M026~a	M112~e1	M259~3	M316~2
1(N45)	M029~c	M122~1	M260+M312	M316~3
1(N45@b)	M029~e	M122~2	M260~1	M316~4
1(N46)	M029~k	M122~3	M260~1+1(N24)	M317+M265~b
1(N48)	M036+1(N30D)~1	M122~4	M260~1+M313~a	M317~1
1(N51)	M038~a1	M122~5	M260~2+1(N24)	M317~b2
1(N51@b)	M038~a2	M122~6	M260~3	M318~a1
1(N51@c)	M038~b1	M128~1	M260~a+M237	M318~a2
1(N51G)	M038~b2	M128~da1	M261~a1	M318~a3
1(N54)	M038~c	M131~k1	M261~b1	M323~1
1(N54@b)	M038~e1	M136+M071~a	M261~d1	M325~a
1(N54G)	M039~g	M139~a1	M262~1	M332~f
2(N01)	M046~1	M139~a2	M263~1	M342~1
2(N01@b)	M049~c1	M141~b	M263~a1	M343~e
2(N14)	M050~k1	M146~0	M263~b1	M346~1
2(N30C)	M050~k2	M146~1	M264~a1	M346~a1
2(N30C@b)	M050~k3	M146~2	M264~d1	M346~a2
3(N01)	M050~k4	M146~3	M264~n	M346~a3
3(N01@b)	M056~n	M146~4	M265~1	M346~a4
3(N01@c)	M057~a1	M149~a1	M265~2	M346~d
3(N14)	M057~a2	M149~a2	M265~f1	M348~b
4(N01)	M057~a4	M149~a3	M265~f2	M352~a
4(N14)	M057~b1	M151~a	M265~f3	M362+M005
5(N01)	M059~f1	M153+M106~a	M267~h	M362+M024~c

M362+M312~a	M379~e	M384~h	M387~eh	M497
M362+M317#	M383~e1	M384~i	M387~fa	
M367~a1	M384~d1	M387~ee1	M387~11	
M367~a2	M384~d2	M387~ef1	M480	

PDF vs EPS There are 60 signs in PDF that are not in EPS:

M006~a	M139~a	M295~x	M339	M419~m
M006~c	M139~b	M295~xa	M340~b	M419~q
M014	M151~aa	M297~c	M341	M429
M026	M153+M111~j	M305+M332	M341~a	M447~e
M026~aa	M193~b	M316~q	M341~b	M454~b
M038~d	M207~ca	M317+M260	M342~i	M461~qa
M050~g	M251~b	M317+M365~d	M362+M317	M488
M103~a	M251~d	M323~b	M370+MXXX+M370	M502
M103~b	M260~1+M266~a	M329~a	M370+MXXX+MXXX	M507
M103~c	M260~a+M265	M329~b	M375~ia	M508
M128~c	M262~bb	M329~c	M377+MXXX+M377	M509
M136~v	M295~v	M332	M417	MXXX+M383+MXXX

8.2 EPS, JSON

EPS vs JSON There are 167 signs in EPS that are not in JSON:

1(N08B)	M106+M288~1	M200~a	M269~j1	M316~e
1(N14@c)	M106~1	M201+M377	M269~j2	M316~k
1(N24@c)	M111~j1	M206~g1	M271~m	M316~1
1(N30C@c)	M111~j2	M206~g2	M276~a	M317+M265~b
1(N30D@c)	M111~o1	M213~b	M280~g	M317~1
1(N51@c)	M112~1	M218~1	M284	M317~b2
1(N51G)	M112~e1	M218~1+M288	M285~ba	M317~d
1(N54@b)	M122~1	M219~1	M295~ca	M317~m
1(N54G)	M128~da1	M224~c	M295~cb	M320~b
M004~x	M131~f	M226~e	M295~k1	M325~a
M013	M131~k1	M240~d1	M295~z	M327+M044
M029~k	M136+MXXX	M241	M296~c	M327~ag
M029~1	M146~0	M241~b	M297~c1	M332~a
M036+1(N30D)~1	M146~1	M252~a	M297~c2	M342~1
M038~c	M146~3	M254~d	M299	M343~e
M043~a	M146~4	M254~e	M302~k	M343~h+M353
M046~1	M149~a3	M254~g	M302~p	M344
M056~n	M153+M006~a	M260+M312	M305+M214~a	M346~a1
M066~a1	M156	M260~1+M313~a	M305+M332~d	M348~b
M073~d	M157+M080~c	M260~3	M309~a1	M353
M075~o1	M157+M111~i	M260~a+M237	M313~a	M362+M024~c
M075~o2	M157+M348	M261~c	M313~b	M362+M317#
M076~a	M158~b	M264~n	M313~b1	M367~a2
M076~d	M195~a	M265~f1	M313~f	M370+M386+M370
M092	M195~b	M265~f2	M316	M370~k
M102~c	M195~c	M265~f3	M316~1	M370~m
M102~d1	M195~c1	M267~h	M316~2	M379~e
M102~e(2)	M200	M267~ha	M316~3	M383~e1
M103~d	M200~1	M267~hb	M316~4	M384~a

M384~d2	M387~ef1	M390+1(N14)	M432	M483~c
M384~h	M387~fa	M419	M458	M497
M384~i	M387~j	M419~a	M480	
M386~q	M387~l1	M419~b	M483	
M387~ee1	M388~c	M420	M483~b	

JSON vs EPS There are 326 signs in JSON that are not in EPS:

1(N08)	3(N51@b)	M024!	M136~x+M153	M265~g
1(N8B)	3(N51G)	M024~a1	M145~g	M266~f!
1(N08B)!	3(N)	M026~k	M145~o	M269~a3!
1(N14B)	4(N01@b)	M029~i	M146~5	M269~a!
1(N29B)	4(N1@b)	M030~e	M149	M269~d
1(N30C@g)	4(N8A)	M033~b	M153+M075~g+M153	M276~e
1(N30D@g)	4(N14@b)	M034~b	M153+X	M278+1(N24)
1(N39C@b)	4(N14@c)	M035~a	M153~a	M281
1(N39N)	4(N23)	M036+1(N)	M157+M131~a	M281~b
1(N91)	4(N34)	M036+X	M157+M367	M281~h
1(N)	4(N39A)	M037~d	M157+X	M283~a1
2(N1@b)	4(N39B)	M038~bx	M157~a+M111~f	M285~ba1
2(N1B)	4(N39B@b)	M039~h	M157~b	M291+X
2(N02)	4(N48)	M039~m	M175+M131~a	M292~f!
2(N8A)	4(N51)	M040	M175+M328~b	M295~t
2(N14@b)	5(N01)!	M044~c	M175+X	M295~y2
2(N23)	5(N1@b)	M048	M175~c	M295~yb
2(N30C@c)	5(N1B)	M049~f	M193~b	M296~a
2(N30D)	5(N08A)	M054~a	M195+X	M297+X
2(N30D@b)	5(N14@b)	M054~d	M195~d	M297@b
2(N34)	5(N23)	M056~h	M195~e	M297~c
2(N39A)	5(N34)	M056~j	M203	M299~m
2(N39B)	5(N45)	M057+X	M207~ca	M305+M136~c
2(N39B@b)	5(N51)	M063~d	M210~e1	M305+M332
2(N39B@c)	6(N23)	M066~1	M210~n	M305+M340
2(N39~b)	6(N34)	M066~2	M214	M305+M377~e
2(N45)	6(N46)	M066~a3	M217~b	M305+X
2(N46)	6(N51)	M069	M218+X	M305~e
2(N48)	7(N01)!	M069~f	M218~b1	M309~aa
2(N51)	7(N1@b)	M069~h	M221~1	M314~a
2(N51G)	7(N14@b)	M073	M229~e1	M315~1
2(N54@b)	7(N23)	M073~h	M230~a1	M316~e1
2(N54G)	7(N34)	M075~b	M230~b	M316~e2
2(N)	7(N51)	M075~o!	M242~b!	M316~e3
3(M39B)	8(N34)	M094	M242~x	M316~f
3(N1@b)	8(N51)	M096,	M243~eg	M316~q
3(N02)	9(N1@b)	M096~4	M246~d	M317+M260
3(N14@b)	9(N01@b)	M096~a	M250~bc	M317+M269
3(N23)	9(N14@b)	M101~d	M254~a2	M317+MXXX
3(N34)	9(N23)	M102~i	M254~b1	M317+X
3(N39B)	9(N34)	M105~a+X	M260~1+M266~a	M322~a
3(N39B@b)	9(N34@b)	M106+X	M260~1+X	M322~g
3(N39B@c)	11(N01)!	M106~2+M288	M260~a+M265	M323~b
3(N39C)	M1	M123	M260~a+X	M323~d
3(N45)	M004~b	M123~a	M262!	M325+M044
3(N48)	M009+M140~a	M136+M195~d	M263~b2	M325+M342
3(N51)	M009+M320	M136+X	M264~d2	M325+X

M327+M044~c	M340~c	M358~g	M377~h	M512
M327+M059~d	M341	M361~b1	M379~c@b	M513
M327+M324	M341~a	M361~c1	M382~i	M514
M327+X	M341~b	M362+M312	M384~g	M520
M329~a	M342~i	M362+M317	M387+M387	M521
M329~b	M343~f	M362+M600	M387~aa	MXXX
M329~c	M343~h+1(N30C)	M362+X	M388~b	N
M330~h	M346~e	M362+x	M393~g	N(N01)
M332	M346~f	M366	M417	N(N14)
M335	M347+1(N14)	M368~d	M418	N(N@b)
M338	M347+M038~a	M370+M373~a+M370	M420~1	X
M338~a	M347+X	M370+X+M370	M449~b	X+M131
M338~b	M348+M288	M370+x+M370	M454~b	X+M383+X
M338~c	M348+X	M370~b+X	M458~a	X+X
M338~h	M351+MXXX	M371!	M458~b	x
M338~m	M351+X	M371,	M461~qa	
M338~q	M352~d	M371~f	M509	
M339	M352~n1	M373~b	M510	
M340~b	M352~o!	M377+X+M377	M511	

8.3 PDF, JSON

PDF vs JSON There are 96 signs in PDF that are not in JSON:

M004~x	M136+MXXX	M254~g	M327+M044	M419~b
M006~a	M136~v	M261~c	M327~ag	M419~m
M006~c	M139~a	M262~bb	M332~a	M419~q
M013	M139~b	M284	M343~h+M353	M420
M014	M151~aa	M285~ba	M344	M429
M026	M153+M006~a	M295~v	M353	M432
M026~aa	M153+M111~j	M295~x	M370+M386+M370	M447~e
M029~l	M156	M295~xa	M370+MXXX+M370	M458
M038~d	M158~b	M295~z	M370+MXXX+MXXX	M483
M043~a	M195~a	M302~k	M370~k	M483~b
M050~g	M195~b	M302~p	M370~m	M483~c
M073~d	M195~c	M305+M214~a	M375~ia	M488
M076~a	M200	M316	M377+MXXX+M377	M502
M076~d	M200~a	M316~e	M384~a	M507
M092	M213~b	M316~k	M386~q	M508
M103~a	M224~c	M316~l	M387~j	MXXX+M383+MXXX
M103~b	M241~b	M317+M365~d	M388~c	
M103~c	M251~b	M317~d	M390+1(N14)	
M128~c	M251~d	M317~m	M419	
M131~f	M254~d	M320~b	M419~a	

JSON vs PDF There are 457 signs in JSON that are not in PDF:

1(N01)	1(N8B)	1(N24)	1(N30D)	1(N39B)
1(N01@b)	1(N08B)!	1(N24@b)	1(N30D@b)	1(N39B@b)
1(N01@c)	1(N14)	1(N29B)	1(N30D@g)	1(N39B@c)
1(N02)	1(N14@b)	1(N30C)	1(N34)	1(N39C)
1(N08)	1(N14B)	1(N30C@b)	1(N34@b)	1(N39C@b)
1(N08A)	1(N23)	1(N30C@g)	1(N39A)	1(N39N)

1(N45)	3(N)	M006@g~1	M057~a4	M149~a2
1(N45@b)	4(N01)	M006@g~2	M057~b1	M151~a
1(N46)	4(N01@b)	M006~b@g	M059~f1	M153+M075~g+M153
1(N48)	4(N1@b)	M007~c	M063~d	M153+M106~a
1(N51)	4(N8A)	M007~d	M066~1	M153+X
1(N51@b)	4(N14)	M009+M140~a	M066~2	M153~a
1(N54)	4(N14@b)	M009+M320	M066~a2	M157+M131~a
1(N91)	4(N14@c)	M010~1	M066~a3	M157+M367
1(N)	4(N23)	M010~2	M069	M157+X
2(N01)	4(N34)	M010~3	M069~f	M157~a+M111~f
2(N01@b)	4(N39A)	M010~4	M069~h	M157~b
2(N1@b)	4(N39B)	M010~5	M073	M175+M131~a
2(N1B)	4(N39B@b)	M010~6	M073~b1	M175+M328~b
2(N02)	4(N48)	M010~7	M073~h	M175+X
2(N8A)	4(N51)	M014~a	M075~b	M175~c
2(N14)	5(N01)	M014~b	M075~o!	M195+X
2(N14@b)	5(N01)!	M024!	M076~e	M195~d
2(N23)	5(N1@b)	M024~1	M081~1	M195~e
2(N30C)	5(N1B)	M024~a1	M093~a	M203
2(N30C@b)	5(N08A)	M026~a	M094	M206~d1
2(N30C@c)	5(N14)	M026~k	M096,	M209~d1
2(N30D)	5(N14@b)	M029~c	M096~1	M210~e1
2(N30D@b)	5(N23)	M029~e	M096~2	M210~ma
2(N34)	5(N34)	M029~i	M096~3	M210~n
2(N39A)	5(N45)	M030~e	M096~4	M214
2(N39B)	5(N51)	M033~b	M096~a	M217~b
2(N39B@b)	6(N01)	M034~b	M101~d	M218+X
2(N39B@c)	6(N14)	M035~a	M102~i	M218~b1
2(N39~b)	6(N23)	M036+1(N)	M103~1	M221~1
2(N45)	6(N34)	M036+X	M103~2	M229~e1
2(N46)	6(N46)	M037~d	M103~3	M230~a1
2(N48)	6(N51)	M038~a1	M105~a+X	M230~b
2(N51)	7(N01)	M038~a2	M105~g	M242~b!
2(N51G)	7(N01)!	M038~b1	M106+X	M242~x
2(N54@b)	7(N1@b)	M038~b2	M106~2+M288	M243~eg
2(N54G)	7(N14)	M038~bx	M122~2	M246~d
2(N)	7(N14@b)	M038~e1	M122~3	M249~n1
3(M39B)	7(N23)	M039~g	M122~4	M250~bc
3(N01)	7(N34)	M039~h	M122~5	M251~c2
3(N1@b)	7(N51)	M039~m	M122~6	M251~c3
3(N01@b)	8(N01)	M040	M123	M254~a2
3(N01@c)	8(N14)	M044~c	M123~a	M254~b1
3(N02)	8(N34)	M048	M128~1	M256~d
3(N14)	8(N51)	M049~c1	M136+M071~a	M259~1
3(N14@b)	9(N01)	M049~f	M136+M195~d	M259~2
3(N23)	9(N1@b)	M050~k1	M136+X	M259~3
3(N34)	9(N01@b)	M050~k2	M136~x+M153	M260~1
3(N39B)	9(N14)	M050~k3	M139~a1	M260~1+1(N24)
3(N39B@b)	9(N14@b)	M050~k4	M139~a2	M260~1+X
3(N39B@c)	9(N23)	M054~a	M141~b	M260~2+1(N24)
3(N39C)	9(N34)	M054~d	M145~g	M260~a+X
3(N45)	9(N34@b)	M056~h	M145~o	M261~a1
3(N48)	11(N01)!	M056~j	M146~2	M261~b1
3(N51)	M1	M057+X	M146~5	M261~d1
3(N51@b)	M004~b	M057~a1	M149	M262!
3(N51G)	M006@g	M057~a2	M149~a1	M262~1

M263~1	M296~a	M327+M059~d	M352~a	M387+M387
M263~a1	M297+X	M327+M324	M352~d	M387~aa
M263~b1	M297@b	M327+X	M352~n1	M387~eh
M263~b2	M299~m	M330~h	M352~o!	M388~b
M264~a1	M305+M136~c	M332~f	M358~g	M393~g
M264~d1	M305+M340	M335	M361~b1	M418
M264~d2	M305+M377~e	M338	M361~c1	M420~1
M265~1	M305+X	M338~a	M362+M005	M449~b
M265~2	M305~e	M338~b	M362+M312	M458~a
M265~g	M309~aa	M338~c	M362+M312~a	M458~b
M266~f!	M314~a	M338~h	M362+M600	M510
M269~a3!	M315~1	M338~m	M362+X	M511
M269~a!	M316~e1	M338~q	M362+x	M512
M269~d	M316~e2	M340~c	M366	M513
M270~n	M316~e3	M343~f	M367~a1	M514
M276~e	M316~f	M343~h+1(N30C)	M368~d	M520
M278+1(N24)	M317+M269	M346~1	M370+M373~a+M370	M521
M278~da	M317+MXXX	M346~a2	M370+X+M370	MXXX
M281	M317+X	M346~a3	M370+x+M370	N
M281~b	M318~a1	M346~a4	M370~b+X	N(N01)
M281~h	M318~a2	M346~d	M371!	N(N14)
M283~a1	M318~a3	M346~e	M371,	N(N@b)
M285~ba1	M322~a	M346~f	M371~f	X
M291+X	M322~g	M347+1(N14)	M373~b	X+M131
M292~f!	M323~1	M347+M038~a	M377+X+M377	X+M383+X
M295~c	M323~d	M347+X	M377~h	X+X
M295~f	M325+M044	M348+M288	M379~c@b	x
M295~t	M325+M342	M348+X	M382~i	
M295~y2	M325+X	M351+MXXX	M384~d1	
M295~yb	M327+M044~c	M351+X	M384~g	

8.4 Sign Lists vs Transliterated Corpus

EPS vs Corpus There are 271 signs in the corpus that are not in EPS:

1(N08)	2(N30D@b)	3(N39B@b)	5(N1@b)	9(N1@b)
1(N8B)	2(N34)	3(N39B@g)	5(N1B)	9(N14@b)
1(N08b)	2(N39)	3(N39C)	5(N14@b)	9(N23)
1(N14B)	2(N39A)	3(N45)	5(N23)	9(N34)
1(N29B)	2(N39B)	3(N48)	5(N34)	9(N34@b)
1(N30C@g)	2(N39B@b)	3(N51)	5(N45)	11(N01)
1(N30D@g)	2(N45)	3(N51@b)	5(N51)	M004~b
1(N39B@g)	2(N46)	3(N51G)	6(N23)	M024~a1
1(N39C@b)	2(N48)	4(N01@b)	6(N34)	M026~k
1(N39N)	2(N51)	4(N1@b)	6(N46)	M029~i
1(N91)	2(N51G)	4(N8A)	6(N51)	M030~e
2(N1@b)	2(N54@b)	4(N14@b)	7(N1@b)	M033~b
2(N1B)	2(N54G)	4(N23)	7(N14@b)	M034~b
2(N02)	3(N1@b)	4(N34)	7(N23)	M035~a
2(N8A)	3(N02)	4(N39A)	7(N34)	M036+1(n)
2(N14@b)	3(N14@b)	4(N39B)	7(N51)	M036+X
2(N23)	3(N23)	4(N39B@b)	8(N34)	M037~d
2(N30C@g)	3(N34)	4(N48)	8(N51)	M038~bx
2(N30D)	3(N39B)	4(N51)	9(N01@b)	M039~h

M040	M153+M075~g+M153	M278+1 (N24)	M327+X	M370+X+M370
M044~c	M153+X	M281	M329~a	M370~b+X
M048	M153~a	M281~h	M329~b	M373~b
M049~f	M157+M131~a	M283~a1	M329~c	M377+X+M377
M054~a	M157+M367	M285~ba1	M330~h	M377~h
M054~d	M157+X	M291+X	M332	M379~c@b
M056~h	M157~a+M111~f	M295~t	M335	M382~i
M056~i	M157~b	M295~y2	M339	M384~g
M056~j	M175+M131~a	M295~yb	M340~b	M387+M387
M057+X	M175+X	M296~a	M340~c	M387~aa
M063~d	M175~c	M297+X	M341	M417
M066~1	M193~b	M297@b	M341~a	M418
M066~2	M195+X	M297~c	M341~b	M419~a1
M066~a3	M195~d	M299~m	M342~i	M419~h
M069	M195~e	M305+M136~c	M343~h+1 (N30C)	M419~m
M069~f	M203	M305+M332	M346~e	M419~q
M069~h	M207~ca	M305+M340	M346~f	M420~1
M073	M210~e1	M305+X	M347+1 (N14)	M449~b
M073~h	M210~n	M305~e	M347+M038~a	M454~b
M075~b	M214	M309~aa	M347+X	M458~a
M094	M217~b	M314~a	M348+M288	M458~b
M096~4	M218+X	M315~1	M348+X	M461~qa
M101~d	M218~b1	M316~q	M351+X	M488
M102~i	M221~1	M317+M260	M352~d	M509
M105~a+X	M229~e1	M317+M269	M352~n1	M510
M106+X	M230~a1	M317+X	M361~b1	M511
M106~2+M288	M230~b	M322~a	M361~c1	M512
M123	M243~eg	M322~g	M362+M312	M513
M123~a	M254~b1	M323~b	M362+M317	X+M131
M136+M195~d	M260~1+M266~a	M323~d	M362+M600	X+M383+X
M136+X	M260~1+X	M325+M044	M362+X	n(N01)
M136~x+M153	M260~a+M265	M325+M342	M362+x	n(N14)
M145~g	M260~a+X	M325+X	M366	
M145~o	M263~b2	M327+M044~c	M368~d	
M146~5	M264~d2	M327+M059~d	M370+M373~a+M370	
M149	M276~e	M327+M324	M370+M3046+M370	

PDF vs Corpus There are 392 signs in the corpus that are not in PDF:

1(N01)	1(N30C@g)	1(N48)	2(N30C@g)	3(N1@b)
1(N01@b)	1(N30D)	1(N51)	2(N30D)	3(N01@b)
1(N02)	1(N30D@b)	1(N51@b)	2(N30D@b)	3(N02)
1(N08)	1(N30D@g)	1(N54)	2(N34)	3(N14)
1(N08A)	1(N34)	1(N91)	2(N39)	3(N14@b)
1(N8B)	1(N34@b)	2(N01)	2(N39A)	3(N23)
1(N08b)	1(N39A)	2(N01@b)	2(N39B)	3(N34)
1(N14)	1(N39B)	2(N1@b)	2(N39B@b)	3(N39B)
1(N14@b)	1(N39B@b)	2(N1B)	2(N45)	3(N39B@b)
1(N14B)	1(N39B@g)	2(N02)	2(N46)	3(N39B@g)
1(N23)	1(N39C)	2(N8A)	2(N48)	3(N39C)
1(N24)	1(N39C@b)	2(N14)	2(N51)	3(N45)
1(N24@b)	1(N39N)	2(N14@b)	2(N51G)	3(N48)
1(N29B)	1(N45)	2(N23)	2(N54@b)	3(N51)
1(N30C)	1(N45@b)	2(N30C)	2(N54G)	3(N51@b)
1(N30C@b)	1(N46)	2(N30C@b)	3(N01)	3(N51G)

4(N01)	M010~2	M069~f	M195~d	M296~a
4(N01@b)	M010~3	M069~h	M195~e	M297~X
4(N1@b)	M010~4	M073	M203	M297@b
4(N8A)	M010~5	M073~h	M206~d1	M299~m
4(N14)	M010~6	M075~b	M209~d1	M305+M136~c
4(N14@b)	M010~7	M093~a	M210~e1	M305+M340
4(N23)	M014~a	M094	M210~ma	M305~X
4(N34)	M014~b	M096~1	M210~n	M305~e
4(N39A)	M024~1	M096~2	M214	M309~aa
4(N39B)	M024~a1	M096~3	M217~b	M314~a
4(N39B@b)	M026~a	M096~4	M218~X	M315~1
4(N48)	M026~k	M101~d	M218~b1	M317+M269
4(N51)	M029~c	M102~i	M221~1	M317~X
5(N01)	M029~e	M103~1	M229~e1	M318~a1
5(N1@b)	M029~i	M103~2	M230~a1	M318~a2
5(N1B)	M030~e	M103~3	M230~b	M318~a3
5(N14)	M033~b	M105~a+X	M243~eg	M322~a
5(N14@b)	M034~b	M105~g	M249~n1	M322~g
5(N23)	M035~a	M106~X	M251~c2	M323~1
5(N34)	M036+1(n)	M106~2+M288	M251~c3	M323~d
5(N45)	M036~X	M122~2	M254~b1	M325+M044
5(N51)	M037~d	M122~3	M259~1	M325+M342
6(N01)	M038~a1	M122~4	M259~2	M325~X
6(N14)	M038~a2	M122~5	M259~3	M327+M044~c
6(N23)	M038~b1	M122~6	M260~1	M327+M059~d
6(N34)	M038~b2	M123	M260~1+1(N24)	M327+M324
6(N46)	M038~bx	M123~a	M260~1+X	M327~X
6(N51)	M038~e1	M128~1	M260~2+1(N24)	M330~h
7(N01)	M039~g	M136+M071~a	M260~a+X	M332~f
7(N1@b)	M039~h	M136+M195~d	M261~a1	M335
7(N14)	M040	M136~X	M261~b1	M340~c
7(N14@b)	M044~c	M136~x+M153	M261~d1	M343~h+1(N30C)
7(N23)	M048	M139~a1	M262~1	M346~1
7(N34)	M049~c1	M139~a2	M263~1	M346~a2
7(N51)	M049~f	M141~b	M263~a1	M346~a3
8(N01)	M050~k1	M145~g	M263~b1	M346~a4
8(N14)	M050~k2	M145~o	M263~b2	M346~d
8(N34)	M050~k3	M146~2	M264~a1	M346~e
8(N51)	M050~k4	M146~5	M264~d1	M346~f
9(N01)	M054~a	M149	M264~d2	M347+1(N14)
9(N1@b)	M054~d	M149~a1	M265~1	M347+M038~a
9(N01@b)	M056~h	M149~a2	M265~2	M347~X
9(N14)	M056~i	M151~a	M270~n	M348+M288
9(N14@b)	M056~j	M153+M075~g+M153	M276~e	M348~X
9(N23)	M057~X	M153+M106~a	M278+1(N24)	M351~X
9(N34)	M057~a1	M153~X	M278~da	M352~a
9(N34@b)	M057~a2	M153~a	M281	M352~d
11(N01)	M057~a4	M157+M131~a	M281~h	M352~n1
M004~b	M057~b1	M157+M367	M283~a1	M361~b1
M006@g	M059~f1	M157~X	M285~ba1	M361~c1
M006@g~1	M063~d	M157~a+M111~f	M291~X	M362+M005
M006@g~2	M066~1	M157~b	M295~c	M362+M312
M006~b@g	M066~2	M175+M131~a	M295~f	M362+M312~a
M007~c	M066~a2	M175~X	M295~t	M362+M600
M007~d	M066~a3	M175~c	M295~y2	M362~X
M010~1	M069	M195~X	M295~yb	M362~x

M366	M373~b	M387+M387	M449~b	X+M131
M367~a1	M377+X+M377	M387~aa	M458~a	X+M383+X
M368~d	M377~h	M387~eh	M458~b	n(N01)
M370+M373~a+M370	M379~c@b	M418	M510	n(N14)
M370+M3046+M370	M382~i	M419~a1	M511	
M370+X+M370	M384~d1	M419~h	M512	
M370~b+X	M384~g	M420~1	M513	

JSON vs Corpus There are 25 signs in the corpus that are not in JSON:

1(N08b)	11(N01)	M316~e	M419	M419~m
1(N39B@g)	M036+1(n)	M316~k	M419~a	M419~q
2(N30C@g)	M056~i	M316~l	M419~a1	M488
2(N39)	M213~b	M320~b	M419~b	n(N01)
3(N39B@g)	M316	M370+M3046+M370	M419~h	n(N14)

8.5 Overall Missing from EPS

There are 375 signs in the available sources that are not in EPS. See § 8.7 for details on the distribution of these signs in the sources.

1(N08)	2(N48)	4(N39B@b)	M1	M056~h
1(N8B)	2(N51)	4(N48)	M004~b	M056~i
1(N08B)!	2(N51G)	4(N51)	M006~a	M056~j
1(N08b)	2(N54@b)	5(N01)!	M006~c	M057+X
1(N14B)	2(N54G)	5(N1@b)	M009+M140~a	M063~d
1(N29B)	2(N)	5(N1B)	M009+M320	M066~1
1(N30C@g)	3(M39B)	5(N08A)	M014	M066~2
1(N30D@g)	3(N1@b)	5(N14@b)	M024!	M066~a3
1(N39B@g)	3(N02)	5(N23)	M024~a1	M069
1(N39C@b)	3(N14@b)	5(N34)	M026	M069~f
1(N39N)	3(N23)	5(N45)	M026~aa	M069~h
1(N91)	3(N34)	5(N51)	M026~k	M073
1(N)	3(N39B)	6(N23)	M029~i	M073~h
2(N1@b)	3(N39B@b)	6(N34)	M030~e	M075~b
2(N1B)	3(N39B@c)	6(N46)	M033~b	M075~o!
2(N02)	3(N39B@g)	6(N51)	M034~b	M094
2(N8A)	3(N39C)	7(N01)!	M035~a	M096,
2(N14@b)	3(N45)	7(N1@b)	M036+1(N)	M096~4
2(N23)	3(N48)	7(N14@b)	M036+1(n)	M096~a
2(N30C@c)	3(N51)	7(N23)	M036+X	M101~d
2(N30C@g)	3(N51@b)	7(N34)	M037~d	M102~i
2(N30D)	3(N51G)	7(N51)	M038~bx	M103~a
2(N30D@b)	3(N)	8(N34)	M038~d	M103~b
2(N34)	4(N01@b)	8(N51)	M039~h	M103~c
2(N39)	4(N1@b)	9(N1@b)	M039~m	M105~a+X
2(N39A)	4(N8A)	9(N01@b)	M040	M106+X
2(N39B)	4(N14@b)	9(N14@b)	M044~c	M106~2+M288
2(N39B@b)	4(N14@c)	9(N23)	M048	M123
2(N39B@c)	4(N23)	9(N34)	M049~f	M123~a
2(N39~b)	4(N34)	9(N34@b)	M050~g	M128~c
2(N45)	4(N39A)	11(N01)	M054~a	M136+M195~d
2(N46)	4(N39B)	11(N01)!	M054~d	M136+X

M136~v	M251~b	M309~aa	M342~i	M387+M387
M136~x+M153	M251~d	M314~a	M343~f	M387~aa
M139~a	M254~a2	M315~1	M343~h+1(N30C)	M388~b
M139~b	M254~b1	M316~e1	M346~e	M393~g
M145~g	M260~1+M266~a	M316~e2	M346~f	M417
M145~o	M260~1+X	M316~e3	M347+1(N14)	M418
M146~5	M260~a+M265	M316~f	M347+M038~a	M419~a1
M149	M260~a+X	M316~q	M347+X	M419~h
M151~aa	M262!	M317+M260	M348+M288	M419~m
M153+M075~g+M153	M262~bb	M317+M269	M348+X	M419~q
M153+M111~j	M263~b2	M317+M365~d	M351+MXXX	M420~1
M153+X	M264~d2	M317+MXXX	M351+X	M429
M153~a	M265~g	M317+X	M352~d	M447~e
M157+M131~a	M266~f!	M322~a	M352~n1	M449~b
M157+M367	M269~a3!	M322~g	M352~o!	M454~b
M157+X	M269~a!	M323~b	M358~g	M458~a
M157~a+M111~f	M269~d	M323~d	M361~b1	M458~b
M157~b	M276~e	M325+M044	M361~c1	M461~qa
M175+M131~a	M278+1(N24)	M325+M342	M362+M312	M488
M175+M328~b	M281	M325+X	M362+M317	M502
M175+X	M281~b	M327+M044~c	M362+M600	M507
M175~c	M281~h	M327+M059~d	M362+X	M508
M193~b	M283~a1	M327+M324	M362+x	M509
M195+X	M285~ba1	M327+X	M366	M510
M195~d	M291+X	M329~a	M368~d	M511
M195~e	M292~f!	M329~b	M370+M373~a+M370	M512
M203	M295~t	M329~c	M370+M3046+M370	M513
M207~ca	M295~v	M330~h	M370+MXXX+M370	M514
M210~e1	M295~x	M332	M370+MXXX+MXXX	M520
M210~n	M295~xa	M335	M370+X+M370	M521
M214	M295~y2	M338	M370+x+M370	MXXX
M217~b	M295~yb	M338~a	M370~b+X	MXXX+M383+MXXX
M218+X	M296~a	M338~b	M371!	N
M218~b1	M297+X	M338~c	M371,	N(N01)
M221~1	M297@b	M338~h	M371~f	N(N14)
M229~e1	M297~c	M338~m	M373~b	N(N@b)
M230~a1	M299~m	M338~q	M375~ia	X
M230~b	M305+M136~c	M339	M377+MXXX+M377	X+M131
M242~b!	M305+M332	M340~b	M377+X+M377	X+M383+X
M242~x	M305+M340	M340~c	M377~h	X+X
M243~eg	M305+M377~e	M341	M379~c@b	n(N01)
M246~d	M305+X	M341~a	M382~i	n(N14)
M250~bc	M305~e	M341~b	M384~g	x

If the above sign names are normalized, it would be possible to reduce the number of missing signs to ~340:

- remove characters such as ! and # and ,
- merge signs using consistent names, eg. 1(N1) → 1(N01); M1 → M001; M014 → M014~a; etc.
- remove proxies for missing signs, eg. X, x, X+X, etc.

8.6 Comparison of signs across all sources

The table below shows all 2011 signs that occur across the available sources analyzed thus far:

Sign	EPS	PDF	JSON	Corpus
1(N01)	✓		✓	✓
1(N01@b)	✓		✓	✓
1(N01@c)	✓		✓	
1(N02)	✓		✓	✓
1(N08)			✓	✓
1(N08A)	✓		✓	✓
1(N08B)	✓			
1(N8B)			✓	✓
1(N08B)!			✓	
1(N08b)				✓
1(N14)	✓		✓	✓
1(N14@b)	✓		✓	✓
1(N14@c)	✓			
1(N14B)			✓	✓
1(N23)	✓		✓	✓
1(N24)	✓		✓	✓
1(N24@b)	✓		✓	✓
1(N24@c)	✓			
1(N29B)			✓	✓
1(N30C)	✓		✓	✓
1(N30C@b)	✓		✓	✓
1(N30C@c)	✓			
1(N30C@g)			✓	✓
1(N30D)	✓		✓	✓
1(N30D@b)	✓		✓	✓
1(N30D@c)	✓			
1(N30D@g)			✓	✓
1(N34)	✓		✓	✓
1(N34@b)	✓		✓	✓
1(N39A)	✓		✓	✓
1(N39B)	✓		✓	✓
1(N39B@b)	✓		✓	✓
1(N39B@c)	✓		✓	
1(N39B@g)				✓
1(N39C)	✓		✓	✓
1(N39C@b)			✓	✓
1(N39N)			✓	✓
1(N45)	✓		✓	✓
1(N45@b)	✓		✓	✓

Sign	EPS	PDF	JSON	Corpus
1(N46)	✓		✓	✓
1(N48)	✓		✓	✓
1(N51)	✓		✓	✓
1(N51@b)	✓		✓	✓
1(N51@c)	✓			
1(N51G)	✓			
1(N54)	✓		✓	✓
1(N54@b)	✓			
1(N54G)	✓			
1(N91)			✓	✓
1(N)			✓	
2(N01)	✓		✓	✓
2(N01@b)	✓		✓	✓
2(N1@b)			✓	✓
2(N1B)			✓	✓
2(N02)			✓	✓
2(N8A)			✓	✓
2(N14)	✓		✓	✓
2(N14@b)			✓	✓
2(N23)			✓	✓
2(N30C)	✓		✓	✓
2(N30C@b)	✓		✓	✓
2(N30C@c)			✓	
2(N30C@g)				✓
2(N30D)			✓	✓
2(N30D@b)			✓	✓
2(N34)			✓	✓
2(N39)				✓
2(N39A)			✓	✓
2(N39B)			✓	✓
2(N39B@b)			✓	✓
2(N39B@c)			✓	
2(N39~b)			✓	
2(N45)			✓	✓
2(N46)			✓	✓
2(N48)			✓	✓
2(N51)			✓	✓
2(N51G)			✓	✓
2(N54@b)			✓	✓
2(N54G)			✓	✓
2(N)			✓	
3(M39B)			✓	
3(N01)	✓		✓	✓

Sign	EPS	PDF	JSON	Corpus
3(N01@b)	✓		✓	✓
3(N1@b)			✓	✓
3(N01@c)	✓		✓	
3(N02)			✓	✓
3(N14)	✓		✓	✓
3(N14@b)			✓	✓
3(N23)			✓	✓
3(N34)			✓	✓
3(N39B)			✓	✓
3(N39B@b)			✓	✓
3(N39B@c)			✓	
3(N39B@g)				✓
3(N39C)			✓	✓
3(N45)			✓	✓
3(N48)			✓	✓
3(N51)			✓	✓
3(N51@b)			✓	✓
3(N51G)			✓	✓
3(N)			✓	
4(N01)	✓		✓	✓
4(N01@b)			✓	✓
4(N1@b)			✓	✓
4(N8A)			✓	✓
4(N14)	✓		✓	✓
4(N14@b)			✓	✓
4(N14@c)			✓	
4(N23)			✓	✓
4(N34)			✓	✓
4(N39A)			✓	✓
4(N39B)			✓	✓
4(N39B@b)			✓	✓
4(N48)			✓	✓
4(N51)			✓	✓
5(N01)	✓		✓	✓
5(N01) !			✓	
5(N1@b)			✓	✓
5(N1B)			✓	✓
5(N08A)			✓	
5(N14)	✓		✓	✓
5(N14@b)			✓	✓
5(N23)			✓	✓
5(N34)			✓	✓
5(N45)			✓	✓

Sign	EPS	PDF	JSON	Corpus
5(N51)			✓	✓
6(N01)	✓		✓	✓
6(N14)	✓		✓	✓
6(N23)			✓	✓
6(N34)			✓	✓
6(N46)			✓	✓
6(N51)			✓	✓
7(N01)	✓		✓	✓
7(N01)!			✓	
7(N1@b)			✓	✓
7(N14)	✓		✓	✓
7(N14@b)			✓	✓
7(N23)			✓	✓
7(N34)			✓	✓
7(N51)			✓	✓
8(N01)	✓		✓	✓
8(N14)	✓		✓	✓
8(N34)			✓	✓
8(N51)			✓	✓
9(N01)	✓		✓	✓
9(N01@b)			✓	✓
9(N1@b)			✓	✓
9(N14)	✓		✓	✓
9(N14@b)			✓	✓
9(N23)			✓	✓
9(N34)			✓	✓
9(N34@b)			✓	✓
11(N01)				✓
11(N01)!			✓	
M1			✓	
M001	✓	✓	✓	✓
M001+M379~c	✓	✓	✓	✓
M001+M379~d	✓	✓	✓	✓
M001~b	✓	✓	✓	✓
M002	✓	✓	✓	✓
M002+M379	✓	✓	✓	✓
M002~b	✓	✓	✓	✓
M003	✓	✓	✓	✓
M003~b	✓	✓	✓	✓
M003~b+M379~c	✓	✓	✓	✓
M003~c	✓	✓	✓	✓
M004	✓	✓	✓	✓
M004~b			✓	✓

Sign	EPS	PDF	JSON	Corpus
M004~x	✓	✓		
M005	✓	✓	✓	✓
M005~a	✓	✓	✓	✓
M006	✓	✓	✓	✓
M006@g	✓		✓	✓
M006@g~1	✓		✓	✓
M006@g~2	✓		✓	✓
M006~a		✓		
M006~b	✓	✓	✓	✓
M006~b@g	✓		✓	✓
M006~c		✓		
M007~a	✓	✓	✓	✓
M007~b	✓	✓	✓	✓
M007~c	✓		✓	✓
M007~d	✓		✓	✓
M009	✓	✓	✓	✓
M009+M140~a			✓	
M009+M320			✓	
M009~a	✓	✓	✓	✓
M009~c	✓	✓	✓	✓
M009~d+M346+M009~d	✓	✓	✓	✓
M009~e	✓	✓	✓	✓
M009~f	✓	✓	✓	✓
M009~g	✓	✓	✓	✓
M009~h	✓	✓	✓	✓
M009~i	✓	✓	✓	✓
M010	✓	✓	✓	✓
M010~1	✓		✓	✓
M010~2	✓		✓	✓
M010~3	✓		✓	✓
M010~4	✓		✓	✓
M010~5	✓		✓	✓
M010~6	✓		✓	✓
M010~7	✓		✓	✓
M011	✓	✓	✓	✓
M012	✓	✓	✓	✓
M013	✓	✓		
M014		✓		
M014~a	✓		✓	✓
M014~b	✓		✓	✓
M015	✓	✓	✓	✓
M016	✓	✓	✓	✓
M017	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M018	✓	✓	✓	✓
M021	✓	✓	✓	✓
M024	✓	✓	✓	✓
M024!			✓	
M024~1	✓		✓	✓
M024~a	✓	✓	✓	✓
M024~a1			✓	✓
M025	✓	✓	✓	✓
M025~a	✓	✓	✓	✓
M026		✓		
M026~a	✓		✓	✓
M026~aa		✓		
M026~b	✓	✓	✓	✓
M026~d	✓	✓	✓	✓
M026~h	✓	✓	✓	✓
M026~k			✓	✓
M029	✓	✓	✓	✓
M029~a	✓	✓	✓	✓
M029~b	✓	✓	✓	✓
M029~c	✓		✓	✓
M029~d	✓	✓	✓	✓
M029~e	✓		✓	✓
M029~i			✓	✓
M029~k	✓			
M029~l	✓	✓		
M029~l+1(N08A)	✓	✓	✓	✓
M030~a	✓	✓	✓	✓
M030~c	✓	✓	✓	✓
M030~e			✓	✓
M030~g	✓	✓	✓	✓
M032	✓	✓	✓	✓
M032~a	✓	✓	✓	✓
M032~b	✓	✓	✓	✓
M032~d	✓	✓	✓	✓
M032~e	✓	✓	✓	✓
M033	✓	✓	✓	✓
M033~a	✓	✓	✓	✓
M033~b			✓	✓
M033~c	✓	✓	✓	✓
M034	✓	✓	✓	✓
M034~a	✓	✓	✓	✓
M034~b			✓	✓
M035	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M035~a			✓	✓
M036	✓	✓	✓	✓
M036+1(N14)	✓	✓	✓	✓
M036+1(N24)	✓	✓	✓	✓
M036+1(N24)+M343~h	✓	✓	✓	✓
M036+1(N30C)	✓	✓	✓	✓
M036+1(N30C)+1(N39C)	✓	✓	✓	✓
M036+1(N30D)	✓	✓	✓	✓
M036+1(N30D)+M343~h	✓	✓	✓	✓
M036+1(N30D)~1	✓			
M036+1(N39B)	✓	✓	✓	✓
M036+1(N39B)+M343~h	✓	✓	✓	✓
M036+1(N39C)	✓	✓	✓	✓
M036+1(N)			✓	
M036+1(n)				✓
M036+M010	✓	✓	✓	✓
M036+M035	✓	✓	✓	✓
M036+M343~e	✓	✓	✓	✓
M036+M343~h	✓	✓	✓	✓
M036+X			✓	✓
M036~a	✓	✓	✓	✓
M037	✓	✓	✓	✓
M037~a	✓	✓	✓	✓
M037~d			✓	✓
M038~a	✓	✓	✓	✓
M038~a1	✓		✓	✓
M038~a2	✓		✓	✓
M038~b	✓	✓	✓	✓
M038~b1	✓		✓	✓
M038~b2	✓		✓	✓
M038~bx			✓	✓
M038~c	✓			
M038~d		✓		
M038~e	✓	✓	✓	✓
M038~e1	✓		✓	✓
M038~f	✓	✓	✓	✓
M038~h	✓	✓	✓	✓
M038~i	✓	✓	✓	✓
M039	✓	✓	✓	✓
M039+1(N30D)	✓	✓	✓	✓
M039~a	✓	✓	✓	✓
M039~b	✓	✓	✓	✓
M039~c	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M039~c1	✓	✓	✓	✓
M039~c+1(N30D)	✓	✓	✓	✓
M039~ca+1(N30D)	✓	✓	✓	✓
M039~d	✓	✓	✓	✓
M039~e	✓	✓	✓	✓
M039~f	✓	✓	✓	✓
M039~g	✓		✓	✓
M039~h			✓	✓
M039~m			✓	
M040			✓	✓
M041	✓	✓	✓	✓
M041~c	✓	✓	✓	✓
M041~d	✓	✓	✓	✓
M041~e	✓	✓	✓	✓
M041~f	✓	✓	✓	✓
M041~g	✓	✓	✓	✓
M041~j	✓	✓	✓	✓
M043	✓	✓	✓	✓
M043~a	✓	✓		
M044	✓	✓	✓	✓
M044~a	✓	✓	✓	✓
M044~b	✓	✓	✓	✓
M044~c			✓	✓
M044~m	✓	✓	✓	✓
M045~b	✓	✓	✓	✓
M046	✓	✓	✓	✓
M046~1	✓			
M046~a	✓	✓	✓	✓
M047	✓	✓	✓	✓
M048			✓	✓
M048~c	✓	✓	✓	✓
M048~d	✓	✓	✓	✓
M048~e	✓	✓	✓	✓
M048~g	✓	✓	✓	✓
M048~i	✓	✓	✓	✓
M048~k	✓	✓	✓	✓
M049~b	✓	✓	✓	✓
M049~c	✓	✓	✓	✓
M049~c1	✓		✓	✓
M049~d	✓	✓	✓	✓
M049~da	✓	✓	✓	✓
M049~e	✓	✓	✓	✓
M049~f			✓	✓

Sign	EPS	PDF	JSON	Corpus
M049~m	✓	✓	✓	✓
M049~n	✓	✓	✓	✓
M050~f	✓	✓	✓	✓
M050~g		✓		
M050~k	✓	✓	✓	✓
M050~k1	✓		✓	✓
M050~k2	✓		✓	✓
M050~k3	✓		✓	✓
M050~k4	✓		✓	✓
M050~m	✓	✓	✓	✓
M050~n	✓	✓	✓	✓
M050~p	✓	✓	✓	✓
M050~q	✓	✓	✓	✓
M051~a	✓	✓	✓	✓
M051~b	✓	✓	✓	✓
M051~c	✓	✓	✓	✓
M052~a	✓	✓	✓	✓
M052~b	✓	✓	✓	✓
M053~a	✓	✓	✓	✓
M053~b	✓	✓	✓	✓
M054	✓	✓	✓	✓
M054+M365+M054~i	✓	✓	✓	✓
M054+M384~i+M054~i	✓	✓	✓	✓
M054+M393~f+M054~i	✓	✓	✓	✓
M054~a			✓	✓
M054~b	✓	✓	✓	✓
M054~c	✓	✓	✓	✓
M054~d			✓	✓
M054~i	✓	✓	✓	✓
M056	✓	✓	✓	✓
M056~e	✓	✓	✓	✓
M056~f	✓	✓	✓	✓
M056~g	✓	✓	✓	✓
M056~h			✓	✓
M056~i				✓
M056~j			✓	✓
M056~n	✓			
M057	✓	✓	✓	✓
M057+M291	✓	✓	✓	✓
M057+X			✓	✓
M057~a	✓	✓	✓	✓
M057~a1	✓		✓	✓
M057~a2	✓		✓	✓

Sign	EPS	PDF	JSON	Corpus
M057~a4	✓		✓	✓
M057~b	✓	✓	✓	✓
M057~b1	✓		✓	✓
M057~d	✓	✓	✓	✓
M057~e	✓	✓	✓	✓
M057~f	✓	✓	✓	✓
M057~i	✓	✓	✓	✓
M057~n	✓	✓	✓	✓
M058	✓	✓	✓	✓
M058~b	✓	✓	✓	✓
M059	✓	✓	✓	✓
M059+M038~a	✓	✓	✓	✓
M059~a	✓	✓	✓	✓
M059~b	✓	✓	✓	✓
M059~d	✓	✓	✓	✓
M059~f	✓	✓	✓	✓
M059~f1	✓		✓	✓
M059~g	✓	✓	✓	✓
M061	✓	✓	✓	✓
M061~a	✓	✓	✓	✓
M061~b	✓	✓	✓	✓
M062	✓	✓	✓	✓
M062~b	✓	✓	✓	✓
M063	✓	✓	✓	✓
M063~a	✓	✓	✓	✓
M063~d			✓	✓
M064	✓	✓	✓	✓
M064~a	✓	✓	✓	✓
M064~d	✓	✓	✓	✓
M066	✓	✓	✓	✓
M066~1			✓	✓
M066~2			✓	✓
M066~a	✓	✓	✓	✓
M066~a1	✓			
M066~a2	✓		✓	✓
M066~a3			✓	✓
M066~g	✓	✓	✓	✓
M066~h	✓	✓	✓	
M068~a	✓	✓	✓	✓
M068~b	✓	✓	✓	✓
M068~c	✓	✓	✓	✓
M069			✓	✓
M069~a	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M069~ab	✓	✓	✓	✓
M069~ad	✓	✓	✓	✓
M069~b	✓	✓	✓	✓
M069~f			✓	✓
M069~g	✓	✓	✓	✓
M069~h			✓	✓
M071~a	✓	✓	✓	✓
M071~d	✓	✓	✓	✓
M072	✓	✓	✓	✓
M072~a	✓	✓	✓	✓
M073			✓	✓
M073~a	✓	✓	✓	✓
M073~b	✓	✓	✓	✓
M073~b1	✓		✓	
M073~c	✓	✓	✓	✓
M073~d	✓	✓		
M073~h			✓	✓
M074~a	✓	✓	✓	✓
M074~b	✓	✓	✓	✓
M074~d	✓	✓	✓	✓
M074~f	✓	✓	✓	✓
M074~g	✓	✓	✓	✓
M075~a	✓	✓	✓	✓
M075~ab	✓	✓	✓	✓
M075~b			✓	✓
M075~e	✓	✓	✓	✓
M075~ff	✓	✓	✓	✓
M075~g	✓	✓	✓	✓
M075~ga	✓	✓	✓	✓
M075~h	✓	✓	✓	✓
M075~k	✓	✓	✓	✓
M075~m	✓	✓	✓	✓
M075~o	✓	✓	✓	✓
M075~o1	✓			
M075~o2	✓			
M075~o!			✓	
M075~r	✓	✓	✓	✓
M075~s	✓	✓	✓	✓
M076~a	✓	✓		
M076~c	✓	✓	✓	✓
M076~d	✓	✓		
M076~e	✓		✓	
M077	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M080~a	✓	✓	✓	✓
M080~b	✓	✓	✓	✓
M080~c	✓	✓	✓	✓
M080~ca	✓	✓	✓	✓
M080~d	✓	✓	✓	✓
M080~f	✓	✓	✓	✓
M081	✓	✓	✓	✓
M081~1	✓		✓	
M084	✓	✓	✓	✓
M085	✓	✓	✓	✓
M086	✓	✓	✓	✓
M087	✓	✓	✓	✓
M087~b	✓	✓	✓	✓
M088	✓	✓	✓	✓
M089	✓	✓	✓	✓
M090	✓	✓	✓	✓
M091~a	✓	✓	✓	✓
M092	✓	✓		
M093	✓	✓	✓	✓
M093~a	✓		✓	✓
M094			✓	✓
M094~e	✓	✓	✓	✓
M094~i	✓	✓	✓	✓
M096	✓	✓	✓	✓
M096+M029	✓	✓	✓	✓
M096+M139	✓	✓	✓	✓
M096,			✓	
M096~1	✓		✓	✓
M096~2	✓		✓	✓
M096~3	✓		✓	✓
M096~4			✓	✓
M096~a			✓	
M096~c	✓	✓	✓	✓
M096~d	✓	✓	✓	✓
M097~f	✓	✓	✓	✓
M097~h	✓	✓	✓	✓
M098	✓	✓	✓	✓
M099	✓	✓	✓	✓
M099~a	✓	✓	✓	✓
M099~b	✓	✓	✓	✓
M101	✓	✓	✓	✓
M101~b	✓	✓	✓	✓
M101~d			✓	✓

Sign	EPS	PDF	JSON	Corpus
M102~a	✓	✓	✓	✓
M102~c	✓			
M102~d	✓	✓	✓	✓
M102~d1	✓			
M102~da	✓	✓	✓	✓
M102~e	✓	✓	✓	✓
M102~e(2)	✓			
M102~i			✓	✓
M102~k	✓	✓	✓	✓
M102~k1	✓	✓	✓	✓
M102~k2	✓	✓	✓	✓
M102~l	✓	✓	✓	✓
M102~m	✓	✓	✓	✓
M103	✓	✓	✓	✓
M103~1	✓		✓	✓
M103~2	✓		✓	✓
M103~3	✓		✓	✓
M103~a		✓		
M103~b		✓		
M103~c		✓		
M103~d	✓			
M104	✓	✓	✓	✓
M105	✓	✓	✓	✓
M105~a	✓	✓	✓	✓
M105~a+X			✓	✓
M105~ab	✓	✓	✓	✓
M105~b	✓	✓	✓	✓
M105~e	✓	✓	✓	✓
M105~g	✓		✓	✓
M106	✓	✓	✓	✓
M106+M096~c	✓	✓	✓	✓
M106+M288	✓	✓	✓	✓
M106+M288~1	✓			
M106+X			✓	✓
M106~1	✓			
M106~2+M288			✓	✓
M106~a	✓	✓	✓	✓
M106~b	✓	✓	✓	✓
M107~a	✓	✓	✓	✓
M109	✓	✓	✓	✓
M110	✓	✓	✓	✓
M110~a	✓	✓	✓	✓
M110~b	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M110~c	✓	✓	✓	✓
M111	✓	✓	✓	✓
M111~a	✓	✓	✓	✓
M111~b	✓	✓	✓	✓
M111~c	✓	✓	✓	✓
M111~d	✓	✓	✓	✓
M111~e	✓	✓	✓	✓
M111~f	✓	✓	✓	✓
M111~g	✓	✓	✓	✓
M111~h	✓	✓	✓	✓
M111~i	✓	✓	✓	✓
M111~j1	✓			
M111~j2	✓			
M111~l	✓	✓	✓	✓
M111~m	✓	✓	✓	✓
M111~n	✓	✓	✓	✓
M111~o	✓	✓	✓	✓
M111~o1	✓			
M111~p	✓	✓	✓	✓
M112	✓	✓	✓	✓
M112~1	✓			
M112~a	✓	✓	✓	✓
M112~aa	✓	✓	✓	✓
M112~b	✓	✓	✓	✓
M112~c	✓	✓	✓	✓
M112~d	✓	✓	✓	✓
M112~e	✓	✓	✓	✓
M112~e1	✓			
M112~f	✓	✓	✓	✓
M112~i	✓	✓	✓	✓
M112~n	✓	✓	✓	✓
M112~o	✓	✓	✓	✓
M112~p	✓	✓	✓	✓
M112~q	✓	✓	✓	✓
M112~r	✓	✓	✓	✓
M114	✓	✓	✓	✓
M115	✓	✓	✓	✓
M115~a	✓	✓	✓	✓
M115~b	✓	✓	✓	✓
M117	✓	✓	✓	✓
M120	✓	✓	✓	✓
M122	✓	✓	✓	✓
M122~1	✓			

Sign	EPS	PDF	JSON	Corpus
M122~2	✓		✓	✓
M122~3	✓		✓	✓
M122~4	✓		✓	✓
M122~5	✓		✓	✓
M122~6	✓		✓	✓
M123			✓	✓
M123~a			✓	✓
M123~b	✓	✓	✓	✓
M123~ca	✓	✓	✓	✓
M123~d	✓	✓	✓	✓
M124	✓	✓	✓	✓
M124~a	✓	✓	✓	✓
M124~b	✓	✓	✓	✓
M124~c	✓	✓	✓	✓
M125	✓	✓	✓	✓
M125~a	✓	✓	✓	✓
M125~b	✓	✓	✓	✓
M126	✓	✓	✓	✓
M127+M127	✓	✓	✓	✓
M128	✓	✓	✓	✓
M128~1	✓		✓	✓
M128~c		✓		
M128~ca	✓	✓	✓	✓
M128~d	✓	✓	✓	✓
M128~da	✓	✓	✓	✓
M128~da1	✓			
M128~db	✓	✓	✓	✓
M128~dc	✓	✓	✓	✓
M128~dd	✓	✓	✓	✓
M128~de	✓	✓	✓	✓
M128~e	✓	✓	✓	✓
M128~ef	✓	✓	✓	✓
M129	✓	✓	✓	✓
M129~b	✓	✓	✓	✓
M130~b	✓	✓	✓	✓
M131	✓	✓	✓	✓
M131+M388	✓	✓	✓	✓
M131~a	✓	✓	✓	✓
M131~d	✓	✓	✓	✓
M131~e	✓	✓	✓	✓
M131~f	✓	✓		
M131~g	✓	✓	✓	✓
M131~h	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M131~ia	✓	✓	✓	✓
M131~k	✓	✓	✓	✓
M131~k1	✓			
M134	✓	✓	✓	✓
M134~a	✓	✓	✓	✓
M134~b	✓	✓	✓	✓
M134~ba	✓	✓	✓	✓
M134~c	✓	✓	✓	✓
M134~d	✓	✓	✓	✓
M134~e	✓	✓	✓	✓
M134~f	✓	✓	✓	✓
M134~g	✓	✓	✓	✓
M135	✓	✓	✓	✓
M136	✓	✓	✓	✓
M136+M071~a	✓		✓	✓
M136+M195~d			✓	✓
M136+M353	✓	✓	✓	✓
M136+M365	✓	✓	✓	✓
M136+M387	✓	✓	✓	✓
M136+MXXX	✓	✓		
M136+X			✓	✓
M136~a	✓	✓	✓	✓
M136~b	✓	✓	✓	✓
M136~c	✓	✓	✓	✓
M136~d	✓	✓	✓	✓
M136~e	✓	✓	✓	✓
M136~f	✓	✓	✓	✓
M136~g	✓	✓	✓	✓
M136~h	✓	✓	✓	✓
M136~i	✓	✓	✓	✓
M136~j	✓	✓	✓	✓
M136~k	✓	✓	✓	✓
M136~l	✓	✓	✓	✓
M136~m	✓	✓	✓	✓
M136~n	✓	✓	✓	✓
M136~o	✓	✓	✓	✓
M136~p	✓	✓	✓	✓
M136~q	✓	✓	✓	✓
M136~r	✓	✓	✓	✓
M136~s	✓	✓	✓	✓
M136~t	✓	✓	✓	✓
M136~u	✓	✓	✓	✓
M136~v		✓		

Sign	EPS	PDF	JSON	Corpus
M136~w	✓	✓	✓	✓
M136~x+M153			✓	✓
M139	✓	✓	✓	✓
M139~a		✓		
M139~a1	✓		✓	✓
M139~a2	✓		✓	✓
M139~b		✓		
M140~a	✓	✓	✓	✓
M141	✓	✓	✓	✓
M141~a	✓	✓	✓	✓
M141~b	✓		✓	✓
M142	✓	✓	✓	✓
M143	✓	✓	✓	✓
M143~a	✓	✓	✓	✓
M143~d	✓	✓	✓	✓
M144	✓	✓	✓	✓
M144~a	✓	✓	✓	✓
M145	✓	✓	✓	✓
M145~a	✓	✓	✓	✓
M145~b	✓	✓	✓	✓
M145~bb	✓	✓	✓	✓
M145~c	✓	✓	✓	✓
M145~d	✓	✓	✓	✓
M145~e	✓	✓	✓	✓
M145~f	✓	✓	✓	✓
M145~g			✓	✓
M145~n	✓	✓	✓	✓
M145~o			✓	✓
M146	✓	✓	✓	✓
M146~0	✓			
M146~1	✓			
M146~2	✓		✓	✓
M146~3	✓			
M146~4	✓			
M146~5			✓	✓
M146~d	✓	✓	✓	✓
M146~e	✓	✓	✓	✓
M146~f	✓	✓	✓	✓
M147	✓	✓	✓	✓
M147~a	✓	✓	✓	✓
M147~b	✓	✓	✓	✓
M147~d	✓	✓	✓	✓
M147~e	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M149			✓	✓
M149~a	✓	✓	✓	✓
M149~a1	✓		✓	✓
M149~a2	✓		✓	✓
M149~a3	✓			
M149~c	✓	✓	✓	✓
M149~d	✓	✓	✓	✓
M149~g	✓	✓	✓	✓
M149~h	✓	✓	✓	✓
M150	✓	✓	✓	✓
M150~a	✓	✓	✓	✓
M151	✓	✓	✓	✓
M151~a	✓		✓	✓
M151~aa		✓		
M151~b	✓	✓	✓	✓
M151~c	✓	✓	✓	✓
M151~d	✓	✓	✓	✓
M151~e	✓	✓	✓	✓
M151~f	✓	✓	✓	✓
M152	✓	✓	✓	✓
M152~d	✓	✓	✓	✓
M152~e	✓	✓	✓	✓
M152~f	✓	✓	✓	✓
M152~g	✓	✓	✓	✓
M153	✓	✓	✓	✓
M153+M006~a	✓	✓		
M153+M029	✓	✓	✓	✓
M153+M075~g+M153			✓	✓
M153+M106	✓	✓	✓	✓
M153+M106~a	✓		✓	✓
M153+M111~j		✓		
M153+M205~c	✓	✓	✓	✓
M153+M320+M153	✓	✓	✓	✓
M153+M342	✓	✓	✓	✓
M153+M377~e+M153	✓	✓	✓	✓
M153+X			✓	✓
M153~a			✓	✓
M154~b	✓	✓	✓	✓
M154~s	✓	✓	✓	✓
M155	✓	✓	✓	✓
M155~f	✓	✓	✓	✓
M156	✓	✓		
M157	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M157+M029	✓	✓	✓	✓
M157+M057	✓	✓	✓	✓
M157+M059	✓	✓	✓	✓
M157+M080~c	✓			
M157+M111~f	✓	✓	✓	✓
M157+M111~i	✓			
M157+M131	✓	✓	✓	✓
M157+M131~a			✓	✓
M157+M131~d	✓	✓	✓	✓
M157+M136	✓	✓	✓	✓
M157+M153	✓	✓	✓	✓
M157+M288	✓	✓	✓	✓
M157+M340	✓	✓	✓	✓
M157+M348	✓			
M157+M367			✓	✓
M157+M377~e+M377~e	✓	✓	✓	✓
M157+M381	✓	✓	✓	✓
M157+X			✓	✓
M157~a	✓	✓	✓	✓
M157~a+M066	✓	✓	✓	✓
M157~a+M080~c	✓	✓	✓	✓
M157~a+M111~f			✓	✓
M157~a+M131	✓	✓	✓	✓
M157~a+M131~a	✓	✓	✓	✓
M157~a+M131~d	✓	✓	✓	✓
M157~a+M342	✓	✓	✓	✓
M157~a+M348	✓	✓	✓	✓
M157~a+M367	✓	✓	✓	✓
M157~b			✓	✓
M158	✓	✓	✓	✓
M158~b	✓	✓		
M158~c	✓	✓	✓	✓
M158~d	✓	✓	✓	✓
M158~e	✓	✓	✓	✓
M158~h	✓	✓	✓	✓
M159	✓	✓	✓	✓
M165	✓	✓	✓	✓
M167~a	✓	✓	✓	✓
M167~a+M131~k	✓	✓	✓	✓
M172	✓	✓	✓	✓
M173	✓	✓	✓	✓
M175	✓	✓	✓	✓
M175+M038~a	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M175+M131	✓	✓	✓	✓
M175+M131~a			✓	✓
M175+M131~d	✓	✓	✓	✓
M175+M136	✓	✓	✓	✓
M175+M136~n	✓	✓	✓	✓
M175+M153	✓	✓	✓	✓
M175+M157	✓	✓	✓	✓
M175+M175	✓	✓	✓	✓
M175+M203~a	✓	✓	✓	✓
M175+M286	✓	✓	✓	✓
M175+M288	✓	✓	✓	✓
M175+M325~d	✓	✓	✓	✓
M175+M328~b			✓	
M175+M376	✓	✓	✓	✓
M175+M377+M377	✓	✓	✓	✓
M175+M380	✓	✓	✓	✓
M175+M381	✓	✓	✓	✓
M175+M387~c	✓	✓	✓	✓
M175+M388	✓	✓	✓	✓
M175+X			✓	✓
M175~b	✓	✓	✓	✓
M175~c			✓	✓
M176	✓	✓	✓	✓
M176~b	✓	✓	✓	✓
M177	✓	✓	✓	✓
M177~a	✓	✓	✓	✓
M180	✓	✓	✓	✓
M180~a	✓	✓	✓	✓
M180~b	✓	✓	✓	✓
M180~c	✓	✓	✓	✓
M184~b	✓	✓	✓	✓
M184~e	✓	✓	✓	✓
M188~e	✓	✓	✓	✓
M188~f	✓	✓	✓	✓
M188~g	✓	✓	✓	✓
M193	✓	✓	✓	✓
M193~a	✓	✓	✓	✓
M193~aa	✓	✓	✓	✓
M193~b		✓	✓	✓
M193~ca	✓	✓	✓	✓
M193~e	✓	✓	✓	✓
M193~f	✓	✓	✓	✓
M193~g	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M193~m	✓	✓	✓	✓
M195	✓	✓	✓	✓
M195+M038	✓	✓	✓	✓
M195+M038~a	✓	✓	✓	✓
M195+M057	✓	✓	✓	✓
M195+M057~a4	✓	✓	✓	✓
M195+X			✓	✓
M195~a	✓	✓		
M195~b	✓	✓		
M195~c	✓	✓		
M195~c1	✓			
M195~d			✓	✓
M195~e			✓	✓
M195~m	✓	✓	✓	✓
M197	✓	✓	✓	✓
M200	✓	✓		
M200~1	✓			
M200~a	✓	✓		
M201	✓	✓	✓	✓
M201+M377	✓			
M201+M377+M377	✓	✓	✓	✓
M203			✓	✓
M203~a	✓	✓	✓	✓
M203~c	✓	✓	✓	✓
M203~d	✓	✓	✓	✓
M203~e	✓	✓	✓	✓
M204~g	✓	✓	✓	✓
M205	✓	✓	✓	✓
M205~a	✓	✓	✓	✓
M205~b	✓	✓	✓	✓
M205~c	✓	✓	✓	✓
M205~d	✓	✓	✓	✓
M205~g	✓	✓	✓	✓
M206~b	✓	✓	✓	✓
M206~d	✓	✓	✓	✓
M206~d1	✓		✓	✓
M206~f	✓	✓	✓	✓
M206~fa	✓	✓	✓	✓
M206~g	✓	✓	✓	✓
M206~g1	✓			
M206~g2	✓			
M206~i	✓	✓	✓	✓
M206~j	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M207	✓	✓	✓	✓
M207~a	✓	✓	✓	✓
M207~b	✓	✓	✓	✓
M207~c	✓	✓	✓	✓
M207~ca		✓	✓	✓
M207~d	✓	✓	✓	✓
M207~e	✓	✓	✓	✓
M207~f	✓	✓	✓	✓
M207~h	✓	✓	✓	✓
M207~m	✓	✓	✓	✓
M207~ma	✓	✓	✓	✓
M207~n	✓	✓	✓	✓
M208	✓	✓	✓	✓
M209~a	✓	✓	✓	✓
M209~b	✓	✓	✓	✓
M209~c	✓	✓	✓	✓
M209~d	✓	✓	✓	✓
M209~d1	✓		✓	✓
M210	✓	✓	✓	✓
M210~a	✓	✓	✓	✓
M210~b	✓	✓	✓	✓
M210~ba	✓	✓	✓	✓
M210~c	✓	✓	✓	✓
M210~d	✓	✓	✓	✓
M210~e	✓	✓	✓	✓
M210~e1			✓	✓
M210~f	✓	✓	✓	✓
M210~g	✓	✓	✓	✓
M210~h	✓	✓	✓	✓
M210~m	✓	✓	✓	✓
M210~ma	✓		✓	✓
M210~n			✓	✓
M213	✓	✓	✓	✓
M213~b	✓	✓		✓
M214			✓	✓
M214~a	✓	✓	✓	✓
M214~b	✓	✓	✓	✓
M214~c	✓	✓	✓	✓
M214~d	✓	✓	✓	✓
M214~e	✓	✓	✓	✓
M214~h	✓	✓	✓	✓
M214~i	✓	✓	✓	✓
M215	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M217	✓	✓	✓	✓
M217+M124	✓	✓	✓	✓
M217+M388	✓	✓	✓	✓
M217~a	✓	✓	✓	✓
M217~b			✓	✓
M217~e	✓	✓	✓	✓
M217~ea	✓	✓	✓	✓
M217~f	✓	✓	✓	✓
M217~h	✓	✓	✓	✓
M217~j	✓	✓	✓	✓
M217~m	✓	✓	✓	✓
M217~n	✓	✓	✓	✓
M218	✓	✓	✓	✓
M218+M099	✓	✓	✓	✓
M218+M101	✓	✓	✓	✓
M218+M218	✓	✓	✓	✓
M218+M288	✓	✓	✓	✓
M218+M288~f	✓	✓	✓	✓
M218+M320	✓	✓	✓	✓
M218+M388	✓	✓	✓	✓
M218+X			✓	✓
M218~1	✓			
M218~1+M288	✓			
M218~b	✓	✓	✓	✓
M218~b1			✓	✓
M218~c	✓	✓	✓	✓
M218~d+M288	✓	✓	✓	✓
M218~g	✓	✓	✓	✓
M219	✓	✓	✓	✓
M219~1	✓			
M219~f	✓	✓	✓	✓
M219~s	✓	✓	✓	✓
M220	✓	✓	✓	✓
M220~m	✓	✓	✓	✓
M220~n	✓	✓	✓	✓
M221	✓	✓	✓	✓
M221~1			✓	✓
M221~c	✓	✓	✓	✓
M221~e	✓	✓	✓	✓
M221~f	✓	✓	✓	✓
M222	✓	✓	✓	✓
M222~e	✓	✓	✓	✓
M223	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M223~a	✓	✓	✓	✓
M223~b	✓	✓	✓	✓
M223~c	✓	✓	✓	✓
M223~d	✓	✓	✓	✓
M224	✓	✓	✓	✓
M224~a	✓	✓	✓	✓
M224~b	✓	✓	✓	✓
M224~c	✓	✓		
M226~c	✓	✓	✓	✓
M226~ca	✓	✓	✓	✓
M226~e	✓			
M227	✓	✓	✓	✓
M228	✓	✓	✓	✓
M228+M101	✓	✓	✓	✓
M228+M288	✓	✓	✓	✓
M228+M320	✓	✓	✓	✓
M228~b	✓	✓	✓	✓
M228~b+M101	✓	✓	✓	✓
M228~b+M320	✓	✓	✓	✓
M228~d	✓	✓	✓	✓
M228~g	✓	✓	✓	✓
M228~ga	✓	✓	✓	✓
M228~gb	✓	✓	✓	✓
M229~e	✓	✓	✓	✓
M229~e1			✓	✓
M230	✓	✓	✓	✓
M230~a	✓	✓	✓	✓
M230~a1			✓	✓
M230~b			✓	✓
M240	✓	✓	✓	✓
M240~a	✓	✓	✓	✓
M240~b	✓	✓	✓	✓
M240~c	✓	✓	✓	✓
M240~d	✓	✓	✓	✓
M240~d1	✓			
M240~e	✓	✓	✓	✓
M241	✓			
M241~a	✓	✓	✓	✓
M241~b	✓	✓		
M242	✓	✓	✓	✓
M242~ab	✓	✓	✓	✓
M242~b	✓	✓	✓	✓
M242~b!			✓	

Sign	EPS	PDF	JSON	Corpus
M242~d	✓	✓	✓	✓
M242~da	✓	✓	✓	✓
M242~e	✓	✓	✓	✓
M242~f	✓	✓	✓	✓
M242~k	✓	✓	✓	✓
M242~n	✓	✓	✓	✓
M242~x			✓	
M243	✓	✓	✓	✓
M243~aa	✓	✓	✓	✓
M243~ac	✓	✓	✓	✓
M243~b	✓	✓	✓	✓
M243~c	✓	✓	✓	✓
M243~e	✓	✓	✓	✓
M243~ee	✓	✓	✓	✓
M243~ef	✓	✓	✓	✓
M243~eg			✓	✓
M243~f	✓	✓	✓	✓
M243~g	✓	✓	✓	✓
M243~h	✓	✓	✓	✓
M243~i	✓	✓	✓	✓
M243~j	✓	✓	✓	✓
M243~n	✓	✓	✓	✓
M244	✓	✓	✓	✓
M246	✓	✓	✓	✓
M246~a	✓	✓	✓	✓
M246~b	✓	✓	✓	✓
M246~c	✓	✓	✓	✓
M246~ca	✓	✓	✓	✓
M246~d			✓	
M246~e	✓	✓	✓	✓
M246~f	✓	✓	✓	✓
M246~g	✓	✓	✓	✓
M246~h	✓	✓	✓	✓
M246~m	✓	✓	✓	✓
M246~o	✓	✓	✓	✓
M246~s	✓	✓	✓	✓
M247	✓	✓	✓	✓
M247~a	✓	✓	✓	✓
M247~b	✓	✓	✓	✓
M247~c	✓	✓	✓	✓
M247~d	✓	✓	✓	✓
M247~e	✓	✓	✓	✓
M247~f	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M247~g	✓	✓	✓	✓
M247~m	✓	✓	✓	✓
M247~n	✓	✓	✓	✓
M248	✓	✓	✓	✓
M248~a	✓	✓	✓	✓
M248~b	✓	✓	✓	✓
M248~c	✓	✓	✓	✓
M248~ca	✓	✓	✓	✓
M248~d	✓	✓	✓	✓
M248~e	✓	✓	✓	✓
M248~f	✓	✓	✓	✓
M248~g	✓	✓	✓	✓
M249	✓	✓	✓	✓
M249~c	✓	✓	✓	✓
M249~f	✓	✓	✓	✓
M249~g	✓	✓	✓	✓
M249~h	✓	✓	✓	✓
M249~m	✓	✓	✓	✓
M249~n	✓	✓	✓	✓
M249~n1	✓		✓	✓
M249~p	✓	✓	✓	✓
M250~a	✓	✓	✓	✓
M250~ba	✓	✓	✓	✓
M250~bc			✓	
M250~m	✓	✓	✓	✓
M250~n	✓	✓	✓	✓
M250~na	✓	✓	✓	✓
M250~p	✓	✓	✓	✓
M250~r	✓	✓	✓	✓
M251	✓	✓	✓	✓
M251~b		✓		
M251~c	✓	✓	✓	✓
M251~c2	✓		✓	✓
M251~c3	✓		✓	✓
M251~d		✓		
M251~e	✓	✓	✓	✓
M251~g	✓	✓	✓	✓
M251~h	✓	✓	✓	✓
M251~i	✓	✓	✓	✓
M251~m	✓	✓	✓	✓
M252	✓	✓	✓	✓
M252~a	✓			
M252~h	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M252~i	✓	✓	✓	✓
M252~l	✓	✓	✓	✓
M252~q	✓	✓	✓	✓
M252~qa	✓	✓	✓	✓
M252~r	✓	✓	✓	✓
M252~t	✓	✓	✓	✓
M253	✓	✓	✓	✓
M254	✓	✓	✓	✓
M254~a	✓	✓	✓	✓
M254~a2			✓	
M254~b	✓	✓	✓	✓
M254~b1			✓	✓
M254~c	✓	✓	✓	✓
M254~d	✓	✓		
M254~e	✓			
M254~f	✓	✓	✓	✓
M254~g	✓	✓		
M254~h	✓	✓	✓	✓
M255	✓	✓	✓	✓
M255~b	✓	✓	✓	✓
M256~b	✓	✓	✓	✓
M256~c	✓	✓	✓	✓
M256~d	✓		✓	
M257~d	✓	✓	✓	✓
M259	✓	✓	✓	✓
M259~1	✓		✓	✓
M259~2	✓		✓	✓
M259~3	✓		✓	✓
M260	✓	✓	✓	✓
M260+1(N14)	✓	✓	✓	✓
M260+1(N24)	✓	✓	✓	✓
M260+1(N30C)	✓	✓	✓	✓
M260+M266~a	✓	✓	✓	✓
M260+M312	✓			
M260~1	✓		✓	✓
M260~1+1(N24)	✓		✓	✓
M260~1+M266~a		✓	✓	✓
M260~1+M313~a	✓			
M260~1+X			✓	✓
M260~2+1(N24)	✓		✓	✓
M260~3	✓			
M260~a	✓	✓	✓	✓
M260~a+M237	✓			

Sign	EPS	PDF	JSON	Corpus
M260~a+M265		✓	✓	✓
M260~a+X			✓	✓
M260~b	✓	✓	✓	✓
M261~a	✓	✓	✓	✓
M261~a1	✓		✓	✓
M261~b	✓	✓	✓	✓
M261~b1	✓		✓	✓
M261~c	✓	✓		
M261~d	✓	✓	✓	✓
M261~d1	✓		✓	✓
M262	✓	✓	✓	✓
M262!			✓	
M262~1	✓		✓	✓
M262~a	✓	✓	✓	✓
M262~b	✓	✓	✓	✓
M262~ba	✓	✓	✓	✓
M262~bb		✓		
M263	✓	✓	✓	✓
M263~1	✓		✓	✓
M263~a	✓	✓	✓	✓
M263~a1	✓		✓	✓
M263~b	✓	✓	✓	✓
M263~b1	✓		✓	✓
M263~b2			✓	✓
M263~e	✓	✓	✓	✓
M263~f	✓	✓	✓	✓
M263~g	✓	✓	✓	✓
M263~h	✓	✓	✓	✓
M264~a	✓	✓	✓	✓
M264~a1	✓		✓	✓
M264~a+1(N24)	✓	✓	✓	✓
M264~b	✓	✓	✓	✓
M264~c	✓	✓	✓	✓
M264~d	✓	✓	✓	✓
M264~d1	✓		✓	✓
M264~d2			✓	✓
M264~n	✓			
M265	✓	✓	✓	✓
M265~1	✓		✓	✓
M265~2	✓		✓	✓
M265~e	✓	✓	✓	✓
M265~f	✓	✓	✓	✓
M265~f1	✓			

Sign	EPS	PDF	JSON	Corpus
M265~f2	✓			
M265~f3	✓			
M265~g			✓	
M265~i	✓	✓	✓	✓
M265~k	✓	✓	✓	✓
M265~l	✓	✓	✓	✓
M266~a	✓	✓	✓	✓
M266~b	✓	✓	✓	✓
M266~f	✓	✓	✓	✓
M266~f!			✓	
M267~f	✓	✓	✓	✓
M267~g	✓	✓	✓	✓
M267~h	✓			
M267~ha	✓			
M267~hb	✓			
M268~b	✓	✓	✓	✓
M268~c	✓	✓	✓	✓
M268~d	✓	✓	✓	✓
M268~m	✓	✓	✓	✓
M269	✓	✓	✓	✓
M269~1	✓	✓	✓	✓
M269~2	✓	✓	✓	✓
M269~3	✓	✓	✓	✓
M269~4	✓	✓	✓	✓
M269~a	✓	✓	✓	✓
M269~a1	✓	✓	✓	✓
M269~a2	✓	✓	✓	✓
M269~a3	✓	✓	✓	✓
M269~a3!			✓	
M269~a!			✓	
M269~b	✓	✓	✓	✓
M269~c	✓	✓	✓	✓
M269~d			✓	
M269~j1	✓			
M269~j2	✓			
M270	✓	✓	✓	✓
M270~c	✓	✓	✓	✓
M270~d	✓	✓	✓	✓
M270~e	✓	✓	✓	✓
M270~m	✓	✓	✓	✓
M270~n	✓		✓	✓
M271~ca	✓	✓	✓	✓
M271~g	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M271~m	✓			
M272	✓	✓	✓	✓
M276~a	✓			
M276~d	✓	✓	✓	✓
M276~e			✓	✓
M276~f	✓	✓	✓	✓
M277	✓	✓	✓	✓
M277~e	✓	✓	✓	✓
M277~g	✓	✓	✓	✓
M277~h	✓	✓	✓	✓
M277~ha	✓	✓	✓	✓
M278	✓	✓	✓	✓
M278+1 (N24)			✓	✓
M278+M124	✓	✓	✓	✓
M278~ab	✓	✓	✓	✓
M278~b	✓	✓	✓	✓
M278~c	✓	✓	✓	✓
M278~d	✓	✓	✓	✓
M278~da	✓		✓	✓
M278~e	✓	✓	✓	✓
M278~f	✓	✓	✓	✓
M278~g	✓	✓	✓	✓
M278~h	✓	✓	✓	✓
M278~j	✓	✓	✓	✓
M280~g	✓			
M281			✓	✓
M281~a	✓	✓	✓	✓
M281~b			✓	
M281~c	✓	✓	✓	✓
M281~d	✓	✓	✓	✓
M281~e	✓	✓	✓	✓
M281~f	✓	✓	✓	✓
M281~g	✓	✓	✓	✓
M281~h			✓	✓
M282	✓	✓	✓	✓
M283	✓	✓	✓	✓
M283~a	✓	✓	✓	✓
M283~a1			✓	✓
M283~j	✓	✓	✓	✓
M284	✓	✓		
M284~e	✓	✓	✓	✓
M284~k	✓	✓	✓	✓
M284~m	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M285	✓	✓	✓	✓
M285~b	✓	✓	✓	✓
M285~ba	✓	✓		
M285~ba1			✓	✓
M285~c	✓	✓	✓	✓
M285~ca	✓	✓	✓	✓
M285~d	✓	✓	✓	✓
M285~k	✓	✓	✓	✓
M285~m	✓	✓	✓	✓
M285~s	✓	✓	✓	✓
M286	✓	✓	✓	✓
M286~a	✓	✓	✓	✓
M286~b	✓	✓	✓	✓
M287~c	✓	✓	✓	✓
M288	✓	✓	✓	✓
M288+1(N01)	✓	✓	✓	✓
M288+1(N39B)	✓	✓	✓	✓
M288+M376	✓	✓	✓	✓
M288~a	✓	✓	✓	✓
M288~b	✓	✓	✓	✓
M288~c	✓	✓	✓	✓
M288~d	✓	✓	✓	✓
M288~e	✓	✓	✓	✓
M288~f	✓	✓	✓	✓
M288~g	✓	✓	✓	✓
M288~h	✓	✓	✓	✓
M288~i	✓	✓	✓	✓
M289	✓	✓	✓	✓
M289~a	✓	✓	✓	✓
M289~b	✓	✓	✓	✓
M289~d	✓	✓	✓	✓
M290	✓	✓	✓	✓
M290~a	✓	✓	✓	✓
M290~c	✓	✓	✓	✓
M290~d	✓	✓	✓	✓
M290~h	✓	✓	✓	✓
M291	✓	✓	✓	✓
M291+X			✓	✓
M291~a	✓	✓	✓	✓
M291~f	✓	✓	✓	✓
M292	✓	✓	✓	✓
M292~a	✓	✓	✓	✓
M292~c	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M292~d	✓	✓	✓	✓
M292~e	✓	✓	✓	✓
M292~f	✓	✓	✓	✓
M292~f!			✓	
M292~h	✓	✓	✓	✓
M292~i	✓	✓	✓	✓
M293	✓	✓	✓	✓
M293~a	✓	✓	✓	✓
M293~b	✓	✓	✓	✓
M293~c	✓	✓	✓	✓
M293~d	✓	✓	✓	✓
M294~a	✓	✓	✓	✓
M295	✓	✓	✓	✓
M295~a	✓	✓	✓	✓
M295~b	✓	✓	✓	✓
M295~c	✓		✓	✓
M295~ca	✓			
M295~cb	✓			
M295~d	✓	✓	✓	✓
M295~da	✓	✓	✓	✓
M295~e	✓	✓	✓	✓
M295~ee	✓	✓	✓	✓
M295~ef	✓	✓	✓	✓
M295~f	✓		✓	✓
M295~h	✓	✓	✓	✓
M295~i	✓	✓	✓	✓
M295~k	✓	✓	✓	✓
M295~k1	✓			
M295~ka	✓	✓	✓	✓
M295~l	✓	✓	✓	✓
M295~la	✓	✓	✓	✓
M295~o	✓	✓	✓	✓
M295~p	✓	✓	✓	✓
M295~q	✓	✓	✓	✓
M295~s	✓	✓	✓	✓
M295~t			✓	✓
M295~u	✓	✓	✓	✓
M295~v		✓		
M295~w	✓	✓	✓	✓
M295~wa	✓	✓	✓	✓
M295~x		✓		
M295~xa		✓		
M295~y	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M295~y2			✓	✓
M295~yb			✓	✓
M295~z	✓	✓		
M296	✓	✓	✓	✓
M296+M296	✓	✓	✓	✓
M296~a			✓	✓
M296~c	✓			
M296~d	✓	✓	✓	✓
M297	✓	✓	✓	✓
M297+M296	✓	✓	✓	✓
M297+X			✓	✓
M297@b			✓	✓
M297~a	✓	✓	✓	✓
M297~b	✓	✓	✓	✓
M297~b+M388	✓	✓	✓	✓
M297~bc	✓	✓	✓	✓
M297~c		✓	✓	✓
M297~c1	✓			
M297~c2	✓			
M297~d	✓	✓	✓	✓
M298	✓	✓	✓	✓
M298~a	✓	✓	✓	✓
M299	✓			
M299~m			✓	✓
M301	✓	✓	✓	✓
M301~a	✓	✓	✓	✓
M301~aa	✓	✓	✓	✓
M301~b	✓	✓	✓	✓
M301~e	✓	✓	✓	✓
M301~ea	✓	✓	✓	✓
M301~eb	✓	✓	✓	✓
M301~g	✓	✓	✓	✓
M302	✓	✓	✓	✓
M302~a	✓	✓	✓	✓
M302~b	✓	✓	✓	✓
M302~ba	✓	✓	✓	✓
M302~c	✓	✓	✓	✓
M302~ca	✓	✓	✓	✓
M302~e	✓	✓	✓	✓
M302~f	✓	✓	✓	✓
M302~i	✓	✓	✓	✓
M302~j	✓	✓	✓	✓
M302~k	✓	✓		

Sign	EPS	PDF	JSON	Corpus
M302~o	✓	✓	✓	✓
M302~p	✓	✓		
M302~s	✓	✓	✓	✓
M302~t	✓	✓	✓	✓
M304	✓	✓	✓	✓
M304+M041~g	✓	✓	✓	✓
M304+M304	✓	✓	✓	✓
M304+M342	✓	✓	✓	✓
M304~a	✓	✓	✓	✓
M304~b	✓	✓	✓	✓
M305	✓	✓	✓	✓
M305+M009	✓	✓	✓	✓
M305+M029~a	✓	✓	✓	✓
M305+M038~a	✓	✓	✓	✓
M305+M041~e	✓	✓	✓	✓
M305+M075~a	✓	✓	✓	✓
M305+M111~c	✓	✓	✓	✓
M305+M136	✓	✓	✓	✓
M305+M136~c			✓	✓
M305+M153	✓	✓	✓	✓
M305+M157	✓	✓	✓	✓
M305+M180	✓	✓	✓	✓
M305+M209~a	✓	✓	✓	✓
M305+M214~a	✓	✓		
M305+M288	✓	✓	✓	✓
M305+M320	✓	✓	✓	✓
M305+M324~c	✓	✓	✓	✓
M305+M332		✓	✓	✓
M305+M332~d	✓			
M305+M340			✓	✓
M305+M342	✓	✓	✓	✓
M305+M365	✓	✓	✓	✓
M305+M377~e			✓	
M305+M387~c	✓	✓	✓	✓
M305+X			✓	✓
M305~b	✓	✓	✓	✓
M305~c	✓	✓	✓	✓
M305~e			✓	✓
M305~f	✓	✓	✓	✓
M305~g	✓	✓	✓	✓
M305~h	✓	✓	✓	✓
M305~i	✓	✓	✓	✓
M308~e	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M308~f	✓	✓	✓	✓
M309	✓	✓	✓	✓
M309~a	✓	✓	✓	✓
M309~a1	✓			
M309~aa			✓	✓
M309~b	✓	✓	✓	✓
M309~d	✓	✓	✓	✓
M310	✓	✓	✓	✓
M310~1	✓	✓	✓	✓
M311	✓	✓	✓	✓
M311~b	✓	✓	✓	✓
M311~g	✓	✓	✓	✓
M312	✓	✓	✓	✓
M312~a	✓	✓	✓	✓
M312~c	✓	✓	✓	✓
M312~f	✓	✓	✓	✓
M313~a	✓			
M313~b	✓			
M313~b1	✓			
M313~f	✓			
M314	✓	✓	✓	✓
M314~a			✓	✓
M314~c	✓	✓	✓	✓
M314~e	✓	✓	✓	✓
M314~f	✓	✓	✓	✓
M314~g	✓	✓	✓	✓
M315	✓	✓	✓	✓
M315~1			✓	✓
M315~a	✓	✓	✓	✓
M316	✓	✓		✓
M316~1	✓			
M316~2	✓			
M316~3	✓			
M316~4	✓			
M316~a	✓	✓	✓	✓
M316~e	✓	✓		✓
M316~e1			✓	
M316~e2			✓	
M316~e3			✓	
M316~f			✓	
M316~k	✓	✓		✓
M316~l	✓	✓		✓
M316~q		✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M317	✓	✓	✓	✓
M317+M260		✓	✓	✓
M317+M265~b	✓			
M317+M269			✓	✓
M317+M365~d		✓		
M317+MXXX			✓	
M317+X			✓	✓
M317~1	✓			
M317~a	✓	✓	✓	✓
M317~b	✓	✓	✓	✓
M317~b2	✓			
M317~d	✓	✓		
M317~e	✓	✓	✓	✓
M317~g	✓	✓	✓	✓
M317~m	✓	✓		
M318	✓	✓	✓	✓
M318~a	✓	✓	✓	✓
M318~a1	✓		✓	✓
M318~a2	✓		✓	✓
M318~a3	✓		✓	✓
M318~c	✓	✓	✓	✓
M318~e	✓	✓	✓	✓
M318~g	✓	✓	✓	✓
M318~h	✓	✓	✓	✓
M318~n	✓	✓	✓	✓
M319	✓	✓	✓	✓
M319~a	✓	✓	✓	✓
M319~c	✓	✓	✓	✓
M320	✓	✓	✓	✓
M320~b	✓	✓		✓
M320~c	✓	✓	✓	✓
M320~f	✓	✓	✓	✓
M320~m	✓	✓	✓	✓
M320~n	✓	✓	✓	✓
M321	✓	✓	✓	✓
M321~b	✓	✓	✓	✓
M321~c	✓	✓	✓	✓
M321~d	✓	✓	✓	✓
M321~f	✓	✓	✓	✓
M321~fa	✓	✓	✓	✓
M321~h	✓	✓	✓	✓
M321~ha	✓	✓	✓	✓
M321~hb	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M321~j	✓	✓	✓	✓
M322~a			✓	✓
M322~g			✓	✓
M323	✓	✓	✓	✓
M323~1	✓		✓	✓
M323~a	✓	✓	✓	✓
M323~b		✓	✓	✓
M323~c	✓	✓	✓	✓
M323~d			✓	✓
M323~g	✓	✓	✓	✓
M323~i	✓	✓	✓	✓
M324	✓	✓	✓	✓
M324~a	✓	✓	✓	✓
M324~c	✓	✓	✓	✓
M324~d	✓	✓	✓	✓
M324~e	✓	✓	✓	✓
M324~f	✓	✓	✓	✓
M325	✓	✓	✓	✓
M325+M044			✓	✓
M325+M342			✓	✓
M325+X			✓	✓
M325~a	✓			
M325~d	✓	✓	✓	✓
M325~e	✓	✓	✓	✓
M325~g	✓	✓	✓	✓
M325~h	✓	✓	✓	✓
M326~a	✓	✓	✓	✓
M327	✓	✓	✓	✓
M327+M044	✓	✓		
M327+M044~c			✓	✓
M327+M057	✓	✓	✓	✓
M327+M059	✓	✓	✓	✓
M327+M059~d			✓	✓
M327+M074~a	✓	✓	✓	✓
M327+M320	✓	✓	✓	✓
M327+M324			✓	✓
M327+M342	✓	✓	✓	✓
M327+M348	✓	✓	✓	✓
M327+M365	✓	✓	✓	✓
M327+M367	✓	✓	✓	✓
M327+X			✓	✓
M327~ag	✓	✓		
M327~d	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M327~n	✓	✓	✓	✓
M327~p	✓	✓	✓	✓
M328~b	✓	✓	✓	✓
M328~c	✓	✓	✓	✓
M329	✓	✓	✓	✓
M329~a		✓	✓	✓
M329~b		✓	✓	✓
M329~c		✓	✓	✓
M330~d	✓	✓	✓	✓
M330~h			✓	✓
M332		✓	✓	✓
M332~a	✓	✓		
M332~c	✓	✓	✓	✓
M332~d	✓	✓	✓	✓
M332~e	✓	✓	✓	✓
M332~f	✓		✓	✓
M332~g	✓	✓	✓	✓
M335			✓	✓
M338			✓	
M338~a			✓	
M338~b			✓	
M338~c			✓	
M338~h			✓	
M338~m			✓	
M338~q			✓	
M339		✓	✓	✓
M340	✓	✓	✓	✓
M340~b		✓	✓	✓
M340~c			✓	✓
M341		✓	✓	✓
M341~a		✓	✓	✓
M341~b		✓	✓	✓
M341~q	✓	✓	✓	✓
M342	✓	✓	✓	✓
M342~1	✓			
M342~i		✓	✓	✓
M343	✓	✓	✓	✓
M343~d	✓	✓	✓	✓
M343~e	✓			
M343~f			✓	
M343~h	✓	✓	✓	✓
M343~h+1(N30C)			✓	✓
M343~h+M353	✓	✓		

Sign	EPS	PDF	JSON	Corpus
M343~h+M354	✓	✓	✓	✓
M344	✓	✓		
M344~d	✓	✓	✓	✓
M346	✓	✓	✓	✓
M346~1	✓		✓	✓
M346~a	✓	✓	✓	✓
M346~a1	✓			
M346~a2	✓		✓	✓
M346~a3	✓		✓	✓
M346~a4	✓		✓	✓
M346~b	✓	✓	✓	✓
M346~c	✓	✓	✓	✓
M346~d	✓		✓	✓
M346~e			✓	✓
M346~f			✓	✓
M347	✓	✓	✓	✓
M347+1(N14)			✓	✓
M347+M038~a			✓	✓
M347+X			✓	✓
M348	✓	✓	✓	✓
M348+M004	✓	✓	✓	✓
M348+M288			✓	✓
M348+M346	✓	✓	✓	✓
M348+X			✓	✓
M348~b	✓			
M349	✓	✓	✓	✓
M351	✓	✓	✓	✓
M351+1(N14)	✓	✓	✓	✓
M351+3(N01)	✓	✓	✓	✓
M351+M342	✓	✓	✓	✓
M351+M380~b	✓	✓	✓	✓
M351+MXXX			✓	
M351+X			✓	✓
M351~c	✓	✓	✓	✓
M351~d	✓	✓	✓	✓
M351~m	✓	✓	✓	✓
M352~a	✓		✓	✓
M352~b	✓	✓	✓	✓
M352~c	✓	✓	✓	✓
M352~d			✓	✓
M352~e	✓	✓	✓	✓
M352~h	✓	✓	✓	✓
M352~n	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M352~n1			✓	✓
M352~n2	✓	✓	✓	✓
M352~o	✓	✓	✓	✓
M352~o!			✓	
M352~r	✓	✓	✓	✓
M352~s	✓	✓	✓	✓
M353	✓	✓		
M354	✓	✓	✓	✓
M356	✓	✓	✓	✓
M356~b	✓	✓	✓	✓
M357	✓	✓	✓	✓
M358	✓	✓	✓	✓
M358~a	✓	✓	✓	✓
M358~b	✓	✓	✓	✓
M358~f	✓	✓	✓	✓
M358~g			✓	
M359	✓	✓	✓	✓
M360~b	✓	✓	✓	✓
M361~a	✓	✓	✓	✓
M361~b	✓	✓	✓	✓
M361~b1			✓	✓
M361~c	✓	✓	✓	✓
M361~c1			✓	✓
M361~d	✓	✓	✓	✓
M362	✓	✓	✓	✓
M362+M005	✓		✓	✓
M362+M024~c	✓			
M362+M026~h	✓	✓	✓	✓
M362+M041~e	✓	✓	✓	✓
M362+M059	✓	✓	✓	✓
M362+M059~d	✓	✓	✓	✓
M362+M099~b	✓	✓	✓	✓
M362+M123~b	✓	✓	✓	✓
M362+M158	✓	✓	✓	✓
M362+M207~n	✓	✓	✓	✓
M362+M244	✓	✓	✓	✓
M362+M247~g	✓	✓	✓	✓
M362+M312			✓	✓
M362+M312~a	✓		✓	✓
M362+M317		✓	✓	✓
M362+M317#	✓			
M362+M365	✓	✓	✓	✓
M362+M367	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M362+M383~c	✓	✓	✓	✓
M362+M384~a	✓	✓	✓	✓
M362+M600			✓	✓
M362+X			✓	✓
M362+x			✓	✓
M362~a	✓	✓	✓	✓
M362~b	✓	✓	✓	✓
M362~gc	✓	✓	✓	✓
M363~b	✓	✓	✓	✓
M365	✓	✓	✓	✓
M365~a	✓	✓	✓	✓
M365~c	✓	✓	✓	✓
M365~d	✓	✓	✓	✓
M365~g	✓	✓	✓	✓
M366			✓	✓
M367	✓	✓	✓	✓
M367~a	✓	✓	✓	✓
M367~a1	✓		✓	✓
M367~a2	✓			
M367~b	✓	✓	✓	✓
M367~c	✓	✓	✓	✓
M367~d	✓	✓	✓	✓
M367~e	✓	✓	✓	✓
M367~f	✓	✓	✓	✓
M367~g	✓	✓	✓	✓
M367~i	✓	✓	✓	✓
M368~a	✓	✓	✓	✓
M368~b	✓	✓	✓	✓
M368~c	✓	✓	✓	✓
M368~d			✓	✓
M369	✓	✓	✓	✓
M369~a	✓	✓	✓	✓
M369~b	✓	✓	✓	✓
M370	✓	✓	✓	✓
M370+M046+M370	✓	✓	✓	✓
M370+M072+M370	✓	✓	✓	✓
M370+M373~a+M370			✓	✓
M370+M386+M370	✓	✓		
M370+M388+M370	✓	✓	✓	✓
M370+M3046+M370				✓
M370+MXXX+M370		✓		
M370+MXXX+MXXX		✓		
M370+X+M370			✓	✓

Sign	EPS	PDF	JSON	Corpus
M370+x+M370			✓	
M370~b	✓	✓	✓	✓
M370~b+M046	✓	✓	✓	✓
M370~b+M072	✓	✓	✓	✓
M370~b+M388	✓	✓	✓	✓
M370~b+X			✓	✓
M370~c	✓	✓	✓	✓
M370~d	✓	✓	✓	✓
M370~da	✓	✓	✓	✓
M370~k	✓	✓		
M370~m	✓	✓		
M371	✓	✓	✓	✓
M371!			✓	
M371,			✓	
M371~a	✓	✓	✓	✓
M371~b	✓	✓	✓	✓
M371~c	✓	✓	✓	✓
M371~d	✓	✓	✓	✓
M371~e	✓	✓	✓	✓
M371~f			✓	
M372	✓	✓	✓	✓
M372~a	✓	✓	✓	✓
M372~m	✓	✓	✓	✓
M373	✓	✓	✓	✓
M373~a	✓	✓	✓	✓
M373~b			✓	✓
M374~a	✓	✓	✓	✓
M374~c	✓	✓	✓	✓
M375	✓	✓	✓	✓
M375~a	✓	✓	✓	✓
M375~b	✓	✓	✓	✓
M375~d	✓	✓	✓	✓
M375~e	✓	✓	✓	✓
M375~i	✓	✓	✓	✓
M375~ia		✓		
M375~n	✓	✓	✓	✓
M376	✓	✓	✓	✓
M376~a	✓	✓	✓	✓
M376~b	✓	✓	✓	✓
M377	✓	✓	✓	✓
M377+M320+M377	✓	✓	✓	✓
M377+M377	✓	✓	✓	✓
M377+M377~g+M377	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M377+M383+M377	✓	✓	✓	✓
M377+MXXX+M377		✓		
M377+X+M377			✓	✓
M377~e	✓	✓	✓	✓
M377~e+M320+M377~e	✓	✓	✓	✓
M377~e+M377~e	✓	✓	✓	✓
M377~g	✓	✓	✓	✓
M377~h			✓	✓
M378	✓	✓	✓	✓
M379	✓	✓	✓	✓
M379~c	✓	✓	✓	✓
M379~c@b			✓	✓
M379~d	✓	✓	✓	✓
M379~e	✓			
M379~g	✓	✓	✓	✓
M380	✓	✓	✓	✓
M380~b	✓	✓	✓	✓
M380~c	✓	✓	✓	✓
M381	✓	✓	✓	✓
M381~e	✓	✓	✓	✓
M382	✓	✓	✓	✓
M382~a	✓	✓	✓	✓
M382~b	✓	✓	✓	✓
M382~c	✓	✓	✓	✓
M382~d	✓	✓	✓	✓
M382~e	✓	✓	✓	✓
M382~f	✓	✓	✓	✓
M382~g	✓	✓	✓	✓
M382~i			✓	✓
M383	✓	✓	✓	✓
M383~a	✓	✓	✓	✓
M383~b	✓	✓	✓	✓
M383~c	✓	✓	✓	✓
M383~d	✓	✓	✓	✓
M383~e	✓	✓	✓	✓
M383~e1	✓			
M383~h	✓	✓	✓	✓
M383~j	✓	✓	✓	✓
M383~k	✓	✓	✓	✓
M383~m	✓	✓	✓	✓
M383~n	✓	✓	✓	✓
M384	✓	✓	✓	✓
M384~a	✓	✓		

Sign	EPS	PDF	JSON	Corpus
M384~ab	✓	✓	✓	✓
M384~b	✓	✓	✓	✓
M384~c	✓	✓	✓	✓
M384~d	✓	✓	✓	✓
M384~d1	✓		✓	✓
M384~d2	✓			
M384~e	✓	✓	✓	✓
M384~f	✓	✓	✓	✓
M384~g			✓	✓
M384~h	✓			
M384~i	✓			
M385	✓	✓	✓	✓
M385~a	✓	✓	✓	✓
M385~c	✓	✓	✓	✓
M385~f	✓	✓	✓	✓
M386	✓	✓	✓	✓
M386+M111~j	✓	✓	✓	✓
M386~a	✓	✓	✓	✓
M386~d	✓	✓	✓	✓
M386~da	✓	✓	✓	✓
M386~q	✓	✓		
M387	✓	✓	✓	✓
M387+M387			✓	✓
M387~a	✓	✓	✓	✓
M387~aa			✓	✓
M387~b	✓	✓	✓	✓
M387~c	✓	✓	✓	✓
M387~ca	✓	✓	✓	✓
M387~ca+M340+M387~ca	✓	✓	✓	✓
M387~ee	✓	✓	✓	✓
M387~ee1	✓			
M387~ef	✓	✓	✓	✓
M387~ef1	✓			
M387~eg	✓	✓	✓	✓
M387~eh	✓		✓	✓
M387~fa	✓			
M387~h	✓	✓	✓	✓
M387~ha	✓	✓	✓	✓
M387~hb	✓	✓	✓	✓
M387~i	✓	✓	✓	✓
M387~j	✓	✓		
M387~l	✓	✓	✓	✓
M387~l1	✓			

Sign	EPS	PDF	JSON	Corpus
M387~o	✓	✓	✓	✓
M388	✓	✓	✓	✓
M388~b			✓	
M388~c	✓	✓		
M390	✓	✓	✓	✓
M390+1(N14)	✓	✓		
M391	✓	✓	✓	✓
M393~a	✓	✓	✓	✓
M393~b	✓	✓	✓	✓
M393~e	✓	✓	✓	✓
M393~f	✓	✓	✓	✓
M393~fa	✓	✓	✓	✓
M393~g			✓	
M401	✓	✓	✓	✓
M402	✓	✓	✓	✓
M410	✓	✓	✓	✓
M411	✓	✓	✓	✓
M412	✓	✓	✓	✓
M417		✓	✓	✓
M417~d	✓	✓	✓	✓
M417~e	✓	✓	✓	✓
M417~f	✓	✓	✓	✓
M417~g	✓	✓	✓	✓
M417~h	✓	✓	✓	✓
M418			✓	✓
M418~a	✓	✓	✓	✓
M418~b	✓	✓	✓	✓
M418~c	✓	✓	✓	✓
M419	✓	✓		✓
M419~a	✓	✓		✓
M419~a1				✓
M419~b	✓	✓		✓
M419~h				✓
M419~m		✓		✓
M419~q		✓		✓
M420	✓	✓		
M420~1			✓	✓
M421	✓	✓	✓	✓
M424	✓	✓	✓	✓
M429		✓		
M431	✓	✓	✓	✓
M432	✓	✓		
M433	✓	✓	✓	✓

Sign	EPS	PDF	JSON	Corpus
M438	✓	✓	✓	✓
M441	✓	✓	✓	✓
M444	✓	✓	✓	✓
M445	✓	✓	✓	✓
M446	✓	✓	✓	✓
M447	✓	✓	✓	✓
M447~b	✓	✓	✓	✓
M447~c	✓	✓	✓	✓
M447~d	✓	✓	✓	✓
M447~e		✓		
M448	✓	✓	✓	✓
M449	✓	✓	✓	✓
M449~b			✓	✓
M450	✓	✓	✓	✓
M452	✓	✓	✓	✓
M453	✓	✓	✓	✓
M454	✓	✓	✓	✓
M454~b		✓	✓	✓
M455	✓	✓	✓	✓
M458	✓	✓		
M458~a			✓	✓
M458~b			✓	✓
M461	✓	✓	✓	✓
M461~b	✓	✓	✓	✓
M461~q	✓	✓	✓	✓
M461~qa		✓	✓	✓
M462	✓	✓	✓	✓
M465	✓	✓	✓	✓
M466	✓	✓	✓	✓
M467	✓	✓	✓	✓
M468	✓	✓	✓	✓
M469	✓	✓	✓	✓
M470	✓	✓	✓	✓
M471	✓	✓	✓	✓
M471~b	✓	✓	✓	✓
M479	✓	✓	✓	✓
M480	✓			
M482	✓	✓	✓	✓
M483	✓	✓		
M483~b	✓	✓		
M483~c	✓	✓		
M486	✓	✓	✓	✓
M488		✓		✓

Sign	EPS	PDF	JSON	Corpus
M489	✓	✓	✓	✓
M490	✓	✓	✓	✓
M491	✓	✓	✓	✓
M492	✓	✓	✓	✓
M495	✓	✓	✓	✓
M496	✓	✓	✓	✓
M497	✓			
M500	✓	✓	✓	✓
M501	✓	✓	✓	✓
M502		✓		
M503	✓	✓	✓	✓
M504	✓	✓	✓	✓
M505	✓	✓	✓	✓
M506	✓	✓	✓	✓
M507		✓		
M508		✓		
M509		✓	✓	✓
M510			✓	✓
M511			✓	✓
M512			✓	✓
M513			✓	✓
M514			✓	
M520			✓	
M521			✓	
MXXX			✓	
MXXX+M383+MXXX		✓		
N			✓	
N(N01)			✓	
N(N14)			✓	
N(N@b)			✓	
X			✓	
X+M131			✓	✓
X+M383+X			✓	✓
X+X			✓	
n(N01)				✓
n(N14)				✓
x			✓	

8.7 Summary of signs not in EPS

A summary of the 375 signs that do not occur in EPS, but do occur in all other sources is provided below.

Sign	EPS	PDF	JSON	Corpus	Notes
1(N08)			✓	✓	
1(N8B)			✓	✓	merged with 1(N08B)
1(N08B) !			✓		merged with 1(N08B)
1(N08b)				✓	
1(N14B)			✓	✓	
1(N29B)			✓	✓	
1(N30C@g)			✓	✓	
1(N30D@g)			✓	✓	
1(N39B@g)				✓	
1(N39C@b)			✓	✓	
1(N39N)			✓	✓	
1(N91)			✓	✓	
1(N)			✓		merged with 1(N01)
2(N1@b)			✓	✓	merged with 2(N01@b)
2(N1B)			✓	✓	merged with 2(N01B)
2(N02)			✓	✓	
2(N8A)			✓	✓	merged with 2(N08A)
2(N14@b)			✓	✓	
2(N23)			✓	✓	
2(N30C@c)			✓		
2(N30C@g)				✓	
2(N30D)			✓	✓	
2(N30D@b)			✓	✓	
2(N34)			✓	✓	
2(N39)				✓	
2(N39A)			✓	✓	
2(N39B)			✓	✓	
2(N39B@b)			✓	✓	
2(N39B@c)			✓		
2(N39~b)			✓		
2(N45)			✓	✓	
2(N46)			✓	✓	
2(N48)			✓	✓	
2(N51)			✓	✓	
2(N51G)			✓	✓	
2(N54@b)			✓	✓	
2(N54G)			✓	✓	
2(N)			✓		merged with 2(N01)
3(M39B)			✓		

Sign	EPS	PDF	JSON	Corpus	Notes
3(N1@b)			✓	✓	merged with 3(N01@b)
3(N02)			✓	✓	
3(N14@b)			✓	✓	
3(N23)			✓	✓	
3(N34)			✓	✓	
3(N39B)			✓	✓	
3(N39B@b)			✓	✓	
3(N39B@c)			✓		
3(N39B@g)				✓	
3(N39C)			✓	✓	
3(N45)			✓	✓	
3(N48)			✓	✓	
3(N51)			✓	✓	
3(N51@b)			✓	✓	
3(N51G)			✓	✓	
3(N)			✓		merged with 3(N01)
4(N01@b)			✓	✓	
4(N1@b)			✓	✓	merged with 4(N01@b)
4(N8A)			✓	✓	merged with 4(N08A)
4(N14@b)			✓	✓	
4(N14@c)			✓		
4(N23)			✓	✓	
4(N34)			✓	✓	
4(N39A)			✓	✓	
4(N39B)			✓	✓	
4(N39B@b)			✓	✓	
4(N48)			✓	✓	
4(N51)			✓	✓	
5(N01)!			✓		merged with 5(N01)
5(N1@b)			✓	✓	merged with 5(N01@b)
5(N1B)			✓	✓	merged with 5(N01B)
5(N08A)			✓		
5(N14@b)			✓	✓	
5(N23)			✓	✓	
5(N34)			✓	✓	
5(N45)			✓	✓	
5(N51)			✓	✓	
6(N23)			✓	✓	
6(N34)			✓	✓	
6(N46)			✓	✓	
6(N51)			✓	✓	
7(N01)!			✓		merged with 7(N01)
7(N1@b)			✓	✓	merged with 7(N01@b)

Sign	EPS	PDF	JSON	Corpus	Notes
7(N14@b)			✓	✓	
7(N23)			✓	✓	
7(N34)			✓	✓	
7(N51)			✓	✓	
8(N34)			✓	✓	
8(N51)			✓	✓	
9(N01@b)			✓	✓	
9(N1@b)			✓	✓	merged with 9(N01@b)
9(N14@b)			✓	✓	
9(N23)			✓	✓	
9(N34)			✓	✓	
9(N34@b)			✓	✓	
11(N01)				✓	
11(N01)!			✓		merged with 11(N01)
M1			✓		merged with M001
M004~b			✓	✓	
M006~a		✓			merged with M006@g
M006~c		✓			merged with M006~b@g
M009+M140~a			✓		
M009+M320			✓		
M014		✓			merged with M014~a
M024!			✓		merged with M024
M024~a1			✓	✓	
M026		✓			
M026~aa		✓			merged with M026~a
M026~k			✓	✓	
M029~i			✓	✓	
M030~e			✓	✓	
M033~b			✓	✓	
M034~b			✓	✓	
M035~a			✓	✓	
M036+1(N)			✓		merged with M036+1(N01)
M036+1(n)				✓	merged with M036+1(N01)
M036+X			✓	✓	
M037~d			✓	✓	
M038~bx			✓	✓	
M038~d		✓			
M039~h			✓	✓	
M039~m			✓		
M040			✓	✓	
M044~c			✓	✓	
M048			✓	✓	
M049~f			✓	✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M050~g		✓			
M054~a			✓	✓	
M054~d			✓	✓	
M056~h			✓	✓	
M056~i				✓	
M056~j			✓	✓	
M057+X			✓	✓	
M063~d			✓	✓	
M066~1			✓	✓	
M066~2			✓	✓	
M066~a3			✓	✓	
M069			✓	✓	
M069~f			✓	✓	
M069~h			✓	✓	
M073			✓	✓	
M073~h			✓	✓	
M075~b			✓	✓	
M075~o!			✓		merged with M075~o
M094			✓	✓	
M096,			✓		merged with M096
M096~4			✓	✓	
M096~a			✓		
M101~d			✓	✓	
M102~i			✓	✓	
M103~a		✓			merged with M103~1
M103~b		✓			merged with M103~2
M103~c		✓			merged with M103~3
M105~a+X			✓	✓	
M106+X			✓	✓	
M106~2+M288			✓	✓	
M123			✓	✓	
M123~a			✓	✓	
M128~c		✓			
M136+M195~d			✓	✓	
M136+X			✓	✓	
M136~v		✓			
M136~x+M153			✓	✓	
M139~a		✓			merged with M139~a1
M139~b		✓			merged with M139~a2
M145~g			✓	✓	
M145~o			✓	✓	
M146~5			✓	✓	
M149			✓	✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M151~aa		✓			
M153+M075~g+M153			✓	✓	
M153+M111~j		✓			
M153+X			✓	✓	
M153~a			✓	✓	
M157+M131~a			✓	✓	
M157+M367			✓	✓	
M157+X			✓	✓	
M157~a+M111~f			✓	✓	
M157~b			✓	✓	
M175+M131~a			✓	✓	
M175+M328~b			✓		
M175+X			✓	✓	
M175~c			✓	✓	
M193~b		✓	✓	✓	
M195+X			✓	✓	
M195~d			✓	✓	
M195~e			✓	✓	
M203			✓	✓	
M207~ca		✓	✓	✓	
M210~e1			✓	✓	
M210~n			✓	✓	
M214			✓	✓	
M217~b			✓	✓	
M218+X			✓	✓	
M218~b1			✓	✓	
M221~1			✓	✓	
M229~e1			✓	✓	
M230~a1			✓	✓	
M230~b			✓	✓	
M242~b!			✓		merged with M242~b
M242~x			✓		
M243~eg			✓	✓	
M246~d			✓		
M250~bc			✓		
M251~b		✓			
M251~d		✓			
M254~a2			✓		
M254~b1			✓	✓	
M260~1+M266~a		✓	✓	✓	
M260~1+X			✓	✓	
M260~a+M265		✓	✓	✓	
M260~a+X			✓	✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M262!			✓		merged with M262
M262~bb		✓			
M263~b2			✓	✓	
M264~d2			✓	✓	
M265~g			✓		
M266~f!			✓		merged with M266~f
M269~a3!			✓		merged with M269~a3
M269~a!			✓		merged with M269~a
M269~d			✓		
M276~e			✓	✓	
M278+1(N24)			✓	✓	
M281			✓	✓	
M281~b			✓		
M281~h			✓	✓	
M283~a1			✓	✓	
M285~ba1			✓	✓	
M291+X			✓	✓	
M292~f!			✓		merged with M292~f
M295~t			✓	✓	
M295~v		✓			
M295~x		✓			
M295~xa		✓			
M295~y2			✓	✓	
M295~yb			✓	✓	
M296~a			✓	✓	
M297+X			✓	✓	
M297@b			✓	✓	
M297~c		✓	✓	✓	
M299~m			✓	✓	
M305+M136~c			✓	✓	
M305+M332		✓	✓	✓	
M305+M340			✓	✓	
M305+M377~e			✓		
M305+X			✓	✓	
M305~e			✓	✓	
M309~aa			✓	✓	
M314~a			✓	✓	
M315~1			✓	✓	
M316~e1			✓		
M316~e2			✓		
M316~e3			✓		
M316~f			✓		
M316~q		✓	✓	✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M317+M260		✓	✓	✓	
M317+M269			✓	✓	
M317+M365~d		✓			
M317+MXXX			✓		
M317+X			✓	✓	
M322~a			✓	✓	
M322~g			✓	✓	
M323~b		✓	✓	✓	
M323~d			✓	✓	
M325+M044			✓	✓	
M325+M342			✓	✓	
M325+X			✓	✓	
M327+M044~c			✓	✓	
M327+M059~d			✓	✓	
M327+M324			✓	✓	
M327+X			✓	✓	
M329~a		✓	✓	✓	
M329~b		✓	✓	✓	
M329~c		✓	✓	✓	
M330~h			✓	✓	
M332		✓	✓	✓	
M335			✓	✓	
M338			✓		
M338~a			✓		
M338~b			✓		
M338~c			✓		
M338~h			✓		
M338~m			✓		
M338~q			✓		
M339		✓	✓	✓	
M340~b		✓	✓	✓	
M340~c			✓	✓	
M341		✓	✓	✓	
M341~a		✓	✓	✓	
M341~b		✓	✓	✓	
M342~i		✓	✓	✓	
M343~f			✓		
M343~h+1(N30C)			✓	✓	
M346~e			✓	✓	
M346~f			✓	✓	
M347+1(N14)			✓	✓	
M347+M038~a			✓	✓	
M347+X			✓	✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M348+M288			✓	✓	
M348+X			✓	✓	
M351+MXXX			✓		
M351+X			✓	✓	
M352~d			✓	✓	
M352~n1			✓	✓	
M352~o!			✓		merged with M352~o
M358~g			✓		
M361~b1			✓	✓	
M361~c1			✓	✓	
M362+M312			✓	✓	
M362+M317		✓	✓	✓	
M362+M600			✓	✓	
M362+X			✓	✓	
M362+x			✓	✓	
M366			✓	✓	
M368~d			✓	✓	
M370+M373~a+M370			✓	✓	
M370+M3046+M370				✓	merged with M370+M046+M370
M370+MXXX+M370		✓			
M370+MXXX+MXXX		✓			
M370+X+M370			✓	✓	
M370+x+M370			✓		merged with M370+X+M370
M370~b+X			✓	✓	
M371!			✓		merged with M371
M371,			✓		merged with M371
M371~f			✓		
M373~b			✓	✓	
M375~ia		✓			
M377+MXXX+M377		✓			
M377+X+M377			✓	✓	
M377~h			✓	✓	
M379~c@b			✓	✓	
M382~i			✓	✓	
M384~g			✓	✓	
M387+M387			✓	✓	
M387~aa			✓	✓	
M388~b			✓		
M393~g			✓		
M417		✓	✓	✓	
M418			✓	✓	
M419~a1				✓	
M419~h				✓	

Sign	EPS	PDF	JSON	Corpus	Notes
M419~m		✓		✓	
M419~q		✓		✓	
M420~1			✓	✓	
M429		✓			
M447~e		✓			
M449~b			✓	✓	
M454~b		✓	✓	✓	
M458~a			✓	✓	
M458~b			✓	✓	
M461~qa		✓	✓	✓	
M488		✓		✓	
M502		✓			
M507		✓			
M508		✓			
M509		✓	✓	✓	
M510			✓	✓	
M511			✓	✓	
M512			✓	✓	
M513			✓	✓	
M514			✓		
M520			✓		
M521			✓		
MXXX			✓		removed
MXXX+M383+MXXX		✓			
N			✓		removed
N(N01)			✓		removed
N(N14)			✓		removed
N(N@b)			✓		removed
X			✓		removed
X+M131			✓	✓	
X+M383+X			✓	✓	
X+X			✓		removed
n(N01)				✓	removed
n(N14)				✓	removed
x			✓		removed

8.8 Summary of signs excluded from the repertoire

The following 54 signs that occur in the available sources have been excluded from the tentative repertoire. Some have been merged with other signs due to possible naming inconsistencies, while others have been removed altogether because they are unsuitable for encoding.

Sign	EPS	PDF	JSON	Corpus	Reason for Exclusion
1(N8B)			✓	✓	merged with 1(N08B)
1(N08B)!			✓		merged with 1(N08B)
1(N)			✓		merged with 1(N01)
2(N1@b)			✓	✓	merged with 2(N01@b)
2(N1B)			✓	✓	merged with 2(N01B)
2(N8A)			✓	✓	merged with 2(N08A)
2(N)			✓		merged with 2(N01)
3(N1@b)			✓	✓	merged with 3(N01@b)
3(N)			✓		merged with 3(N01)
4(N1@b)			✓	✓	merged with 4(N01@b)
4(N8A)			✓	✓	merged with 4(N08A)
5(N01)!			✓		merged with 5(N01)
5(N1@b)			✓	✓	merged with 5(N01@b)
5(N1B)			✓	✓	merged with 5(N01B)
7(N01)!			✓		merged with 7(N01)
7(N1@b)			✓	✓	merged with 7(N01@b)
9(N1@b)			✓	✓	merged with 9(N01@b)
11(N01)!			✓		merged with 11(N01)
M1			✓		merged with M001
M006~a		✓			merged with M006@g
M006~c		✓			merged with M006~b@g
M014		✓			merged with M014~a
M024!			✓		merged with M024
M026~aa		✓			merged with M026~a
M036+1(N)			✓		merged with M036+1(N01)
M036+1(n)				✓	merged with M036+1(N01)
M075~o!			✓		merged with M075~o
M096,			✓		merged with M096
M103~a		✓			merged with M103~1
M103~b		✓			merged with M103~2
M103~c		✓			merged with M103~3
M139~a		✓			merged with M139~a1
M139~b		✓			merged with M139~a2
M242~b!			✓		merged with M242~b
M262!			✓		merged with M262
M266~f!			✓		merged with M266~f
M269~a3!			✓		merged with M269~a3

Sign	EPS	PDF	JSON	Corpus	Reason for Exclusion
M269~a!			✓		merged with M269~a
M292~f!			✓		merged with M292~f
M352~o!			✓		merged with M352~o
M370+M3046+M370				✓	merged with M370+M046+M370
M370+x+M370			✓		merged with M370+X+M370
M371!			✓		merged with M371
M371,			✓		merged with M371
MXXX			✓		removed
N			✓		removed
N(N01)			✓		removed
N(N14)			✓		removed
N(N@b)			✓		removed
X			✓		removed
X+X			✓		removed
n(N01)				✓	removed
n(N14)				✓	removed
x			✓		removed

8.9 Summary of alternate signs

There are 175 signs that are tagged as alternate or variant forms of 105 main signs.

Alternate	EPS	PDF	JSON	Corpus	Main Sign
M006@g~1, M006@g~2	✓		✓	✓	M006@g
M010~1, M010~2, M010~3, M010~4, M010~5, M010~6, M010~7	✓		✓	✓	M010
M024~1	✓		✓	✓	M024
M024~a1			✓	✓	M024~a
M036+1(N30D)~1	✓				M036+1(N30D)
M038~a1, M038~a2	✓		✓	✓	M038~a
M038~b1, M038~b2	✓		✓	✓	M038~b
M038~e1	✓		✓	✓	M038~e
M039~c1	✓	✓	✓	✓	M039~c
M046~1	✓				M046
M049~c1	✓		✓	✓	M049~c
M050~k1, M050~k2, M050~k3, M050~k4	✓		✓	✓	M050~k
M057~a1, M057~a2, M057~a4	✓		✓	✓	M057~a
M057~b1	✓		✓	✓	M057~b
M059~f1	✓		✓	✓	M059~f
M066~1, M066~2			✓	✓	M066
M066~a1, M066~a2, M066~a3	✓				M066~a
M073~b1	✓		✓		M073~b

Alternate	EPS	PDF	JSON	Corpus	Main Sign
M075~o1, M075~o2	✓				M075~o
M081~1	✓		✓		M081
M096~1, M096~2, M096~3, M096~4	✓		✓	✓	M096
M102~d1	✓				M102~d
M102~k1, M102~k2	✓	✓	✓	✓	M102~k
M103~1, M103~2, M103~3	✓		✓	✓	M103
M106+M288~1, M106~2+M288	✓				M106+M288
M106~1	✓				M106
M111~j1, M111~j2	✓				M111~j
M111~o1	✓				M111~o
M112~1	✓				M112
M112~e1	✓				M112~e
M122~1, M122~2, M122~3, M122~4, M122~5, M122~6	✓				M122
M128~1	✓		✓	✓	M128
M128~da1	✓				M128~da
M131~k1	✓				M131~k
M139~a1, M139~a2	✓		✓	✓	M139~a
M146~0, M146~1, M146~2, M146~3, M146~4, M146~5	✓				M146
M149~a1, M149~a2, M149~a3	✓		✓	✓	M149~a
M195+M057~a4	✓	✓	✓	✓	M195+M057~a
M195~c1	✓				M195~c
M200~1	✓				M200
M206~d1	✓		✓	✓	M206~d
M206~g1, M206~g2	✓				M206~g
M209~d1	✓		✓	✓	M209~d
M210~e1			✓	✓	M210~e
M218~1	✓				M218
M218~1+M288	✓				M218+M288
M218~b1			✓	✓	M218~b
M219~1	✓				M219
M221~1			✓	✓	M221
M229~e1			✓	✓	M229~e
M230~a1			✓	✓	M230~a
M240~d1	✓				M240~d
M249~n1	✓		✓	✓	M249~n
M251~c2, M251~c3	✓		✓	✓	M251~c
M254~a2			✓		M254~a
M254~b1			✓	✓	M254~b
M259~1, M259~2, M259~3	✓		✓	✓	M259
M260~1, M260~3	✓		✓	✓	M260

Alternate	EPS	PDF	JSON	Corpus	Main Sign
M260~1+1(N24), M260~2+1(N24)	✓		✓	✓	M260+1(N24)
M260~1+M266~a		✓	✓	✓	M260+M266~a
M260~1+M313~a	✓				M260+M313~a
M260~1+X			✓	✓	M260+X
M261~a1	✓		✓	✓	M261~a
M261~b1	✓		✓	✓	M261~b
M261~d1	✓		✓	✓	M261~d
M262~1	✓		✓	✓	M262
M263~1	✓		✓	✓	M263
M263~a1	✓		✓	✓	M263~a
M263~b1, M263~b2	✓		✓	✓	M263~b
M264~a1	✓		✓	✓	M264~a
M264~d1, M264~d2	✓		✓	✓	M264~d
M265~1, M265~2	✓		✓	✓	M265
M265~f1, M265~f2, M265~f3	✓				M265~f
M269~1, M269~2, M269~3, M269~4	✓	✓	✓	✓	M269
M269~a1, M269~a2, M269~a3	✓	✓	✓	✓	M269~a
M269~j1, M269~j2	✓				M269~j
M283~a1			✓	✓	M283~a
M285~ba1			✓	✓	M285~ba
M295~k1	✓				M295~k
M295~y2			✓	✓	M295~y
M297~c1, M297~c2	✓				M297~c
M309~a1	✓				M309~a
M310~1	✓	✓	✓	✓	M310
M313~b1	✓				M313~b
M315~1			✓	✓	M315
M316~1, M316~2, M316~3, M316~4	✓				M316
M316~e1, M316~e2, M316~e3			✓		M316~e
M317~1	✓				M317
M317~b2	✓				M317~b
M318~a1, M318~a2, M318~a3	✓		✓	✓	M318~a
M323~1	✓		✓	✓	M323
M342~1	✓				M342
M346~1	✓		✓	✓	M346
M346~a1, M346~a2, M346~a3, M346~a4	✓				M346~a
M352~n1, M352~n2			✓	✓	M352~n
M361~b1			✓	✓	M361~b
M361~c1			✓	✓	M361~c
M367~a1, M367~a2	✓		✓	✓	M367~a

Alternate	EPS	PDF	JSON	Corpus	Main Sign
M383~e1	✓				M383~e
M384~d1, M384~d2	✓		✓	✓	M384~d
M387~ee1	✓				M387~ee
M387~ef1	✓				M387~ef
M387~l1	✓				M387~l
M419~a1				✓	M419~a
M420~1			✓	✓	M420

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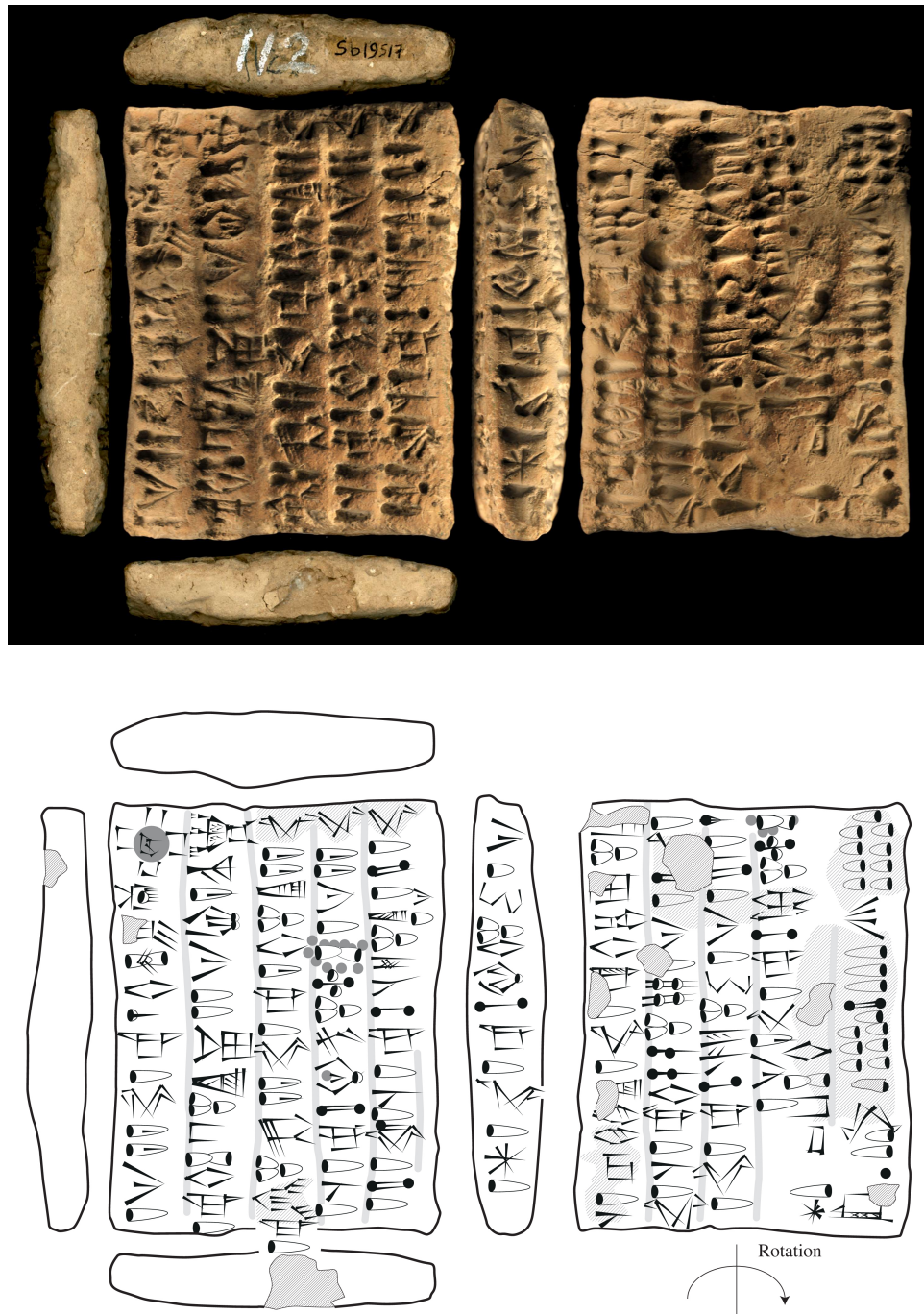


Figure 1: Photograph and drawing of tablet Musée du Louvre (MDP) 17, 112 (from Hawkins 2015).

Header

0. M327+M342

*(Concerning the institution/household) "M327+M342."**Entries*

- | | |
|--|---|
| 1. M217 _h M59 [┐] M387 _c M218 M370 [?] | <i>(Group 1:) "M218 M370," (who is the) "M217_h M59 M387_c," (has:)</i> |
| 1a. M317, 1N ₁ | <i>1 M317,</i> |
| 1b. M54, 2N ₂ | <i>2 M54,</i> |
| 1c. M72, 1N ₁ | <i>(and) 1 dependent female worker.</i> |
| 2. M323 M124 M386 _a M240 | <i>(Group 2:) "M386_a M240," (who is the) "M323 M124," (has:)</i> |
| 2a. M72, 2N ₁ | <i>2 dependent female workers.</i> |
| 3. M210 _d M111 _l M388 M32 M387 M218 | <i>(Group 3:) "M32 M387 M218," (who is the) "M210_d M111_l M388," (has:)</i> |
| 3a. M317, 1N ₁ | <i>1 M317,</i> |
| 3b. M54, 2N ₂ | <i>(and) 2 M54.</i> |
| 4. M112 _n M388 M218 M386 _a | <i>(Group 4:) "M218 M386_a," (who is the) "M112_n M388," (has:)</i> |
| 4a. M317, 1N ₁ | <i>1 M317,</i> |
| 4b. M54, 2N ₂ | <i>(and) 2 M54.</i> |
| 5. M93 _a M388 M285 _{ba1} | <i>(Group 5:) "M285_{ba1}," (who is the) "M93_a M388," (has:)</i> |
| 5a. M317, 1N ₁ [┐] | <i>1 M317,</i> |
| 5b. M54, 2N ₂ | <i>2 M54,</i> |
| 5c. M72, 1N ₁ | <i>(and) 1 dependent female worker.</i> |
| 6. M387 _l M372 _a M388 M49 _{c1} M230 _{a1} | <i>(Group 6:) "M49_{c1} M230_{a1} M371," (who is the) "M387_l M372_a M388,"</i> |
| M371 | <i>(has:)</i> |
| 6a. M317, 1N ₁ | <i>1 M317,</i> |
| 6b. M3 _b , 1N ₁ | <i>1 M3_b,</i> |
| 6c. M54, 1N ₁ | <i>1 M54,</i> |

Figure 2: Conventional representation of the text of *MDP* 17, 112 (header and lines 1–6) by Hawkins using the Meriggi / Dahl sign names (from Hawkins 2015: 1). Continued in fig. 2.

6d. M373, 1N ₁	1 M373 ...
6e. M72, 1N ₁	(and) 1 dependent female worker [scribal error!—written after l. 7d]
7. M112 _o M388 M241 M33 M371	(Group 7:) "M241 M33 M371," (who is the) "M112 _o M388," (has:)
7a. M317, 1N ₁	1 M317,
7b. M3 _b , 1N ₁	1 M3 _b ,
7c. ʀ M373 ʀ M54, 1N ₁	1 M373 M54,
7d. M373, 1N ₁	1 M373,
7e. M72, 1N ₁	(and) 1 dependent female worker.
8. M51 _a M388 M218 M229 _e M371	(Group 8:) "M218 M229 _e M371," (who is the) "M51 _a M388," (has:)
8a. M317, 1N ₁	1 M317,
8b. M54, 1N ₁	1 M54,
8c. M46, 1N ₁	(and) 1 M46.
9. x M388 x M295 _a ʔ M218	(Group 9:) "x M295 _a ʔ M218," (who is the) "x M388," (has:)
9a. M317, 1N ₁	1 M317,
9b. M54, 1N ₁	(and) 1 M54.
10. M112 _p M66 _a M66 _a	(Group 10:) "M66 _a M66 _a " (who is a) "M112 _p " (has:)
10a. M317, 1N ₁	1 M317,
10b. M3b, / 1N ₁	(and) 1 M3b.
10c. M54 ʀ M372 ʀ x	"M54 M372 x," (who is also a) "M112 _p ," (has:)
10d. M72, 1N ₁	1 dependent female worker.
11. M377 _e +M377 _e M388 M4 M4 M218	(Group 11:) "M4 M4 M218," (who is the) "M377 _e +M377 _e M388," (has:)
11a. M317, 1N ₁	1 M317,
11b. M3 _b , 1N ₁	(and) 1 M3 _b .
12. M54 / M370 ʀ M386 _a ʔ M386 _a	(Group 12:) "M386 _a ʔ M386 _a " (who is the) "M54 M370," (has:)
12a. M373, 1N ₁	1 M373,
12b. M72, 1N ₁	(and) 1 dependent female worker.
13. M51 _a M388 ʀ M24 ʀ M33 M371	(Group 13:) "M24 M33 M371," (who is the) "M51 _a M388," (has:)
13a. M317, 1N ₁	1 M317.
14. ʀ M218 M373 ʔ / M387 M372 _a M388 M297+M296 M371	(Group 14:) "M297+M296 M371(?)," (who is the) "M218 M373 ʔ M387 M372 _a M388 (?)," (has:)
14a. M317, 1N ₁	1 M317,
14b. M54, 1N ₁	1 M54,
14c. M72, 1N ₁	(and) 1 dependent female worker.
<i>Summary</i>	
1. M317, 1N ₁₄ 2N ₁	(Total:) 12 M317,
2. M54, 1N ₁₄ 7N ₁	17 M54,
3. M373, 3N ₁	3 M373,
4. M72, 9N ₁	9 dependent female workers,
5. M46, 1N ₁	(and) 1 young dependent worker.
6. M139 [?] M32 M387 M218	(Postscript:) M139 [?] M32 M387 M218

Figure 3: Continued from fig. 2: Conventional representation of the text of *MDP* 17, 112 (lines –14 and summary) by Hawkins using the Meriggi / Dahl sign names (from Hawkins 2015: 3).

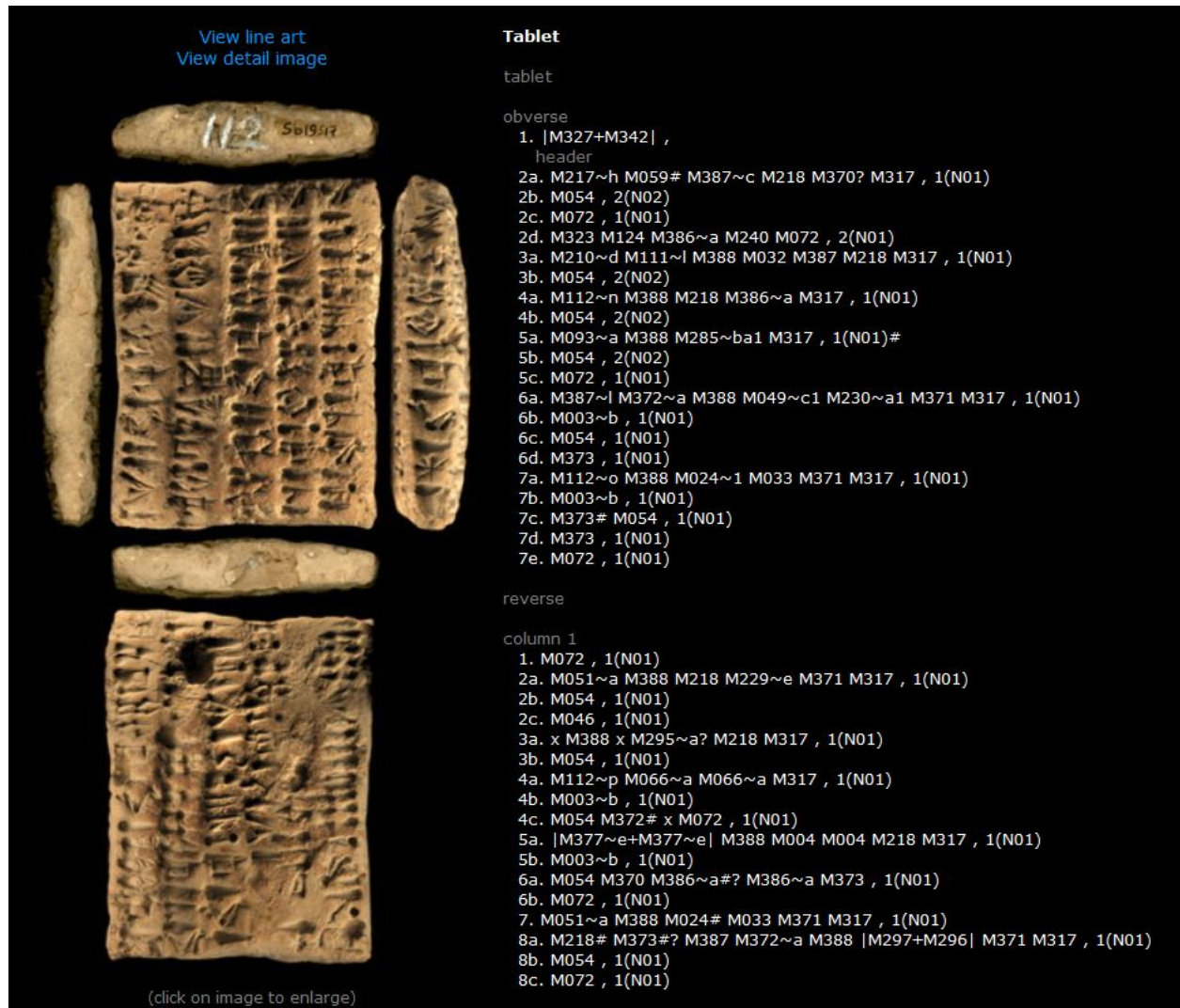


Figure 4: CDLI record for tablet Musée du Louvre (MDP) 17, 112, showing high-resolution image and transliteration (https://cdli.ucla.edu/search/search_results.php?SearchMode=Text&ObjectID=P008310).

The *decimal system* (Figs. 5.6a–b) was used to count discrete objects in proto-Elamite texts; it has no proto-cuneiform counterpart. A handful of texts offer fully reconstructable calculations of counted objects with summations on reverse tablet surfaces and thus a clear interpretation of the absolute values represented by the individual signs of the system. For example, Scheil (1923:no. 45), contains individual entries on the obverse surface representing $94 + 69 + 147 + 44 + 50 + 112 + 75$ subsumed in a notation on the reverse surface equaling 591 ($5N_{23} 9N_{14} N_1$) of counted M388 ()²⁰. For individual groups of small cattle (M346, ) Scheil (1905:no. 212; also Nissen *et al.* 1993:93–95) in like manner records notations representing

Excerpt from Englund (2004: 110) showing the signs  M388 and  M346.

- the same numerical signs and sign systems, but including the derivative use of bisexagesimal signs for the 1,000 and 10,000 steps of the decimal system found only in Elam (the sign for “100,” , itself follows the productive method of placing two signs in opposition to form the next bundling step in the system); and of

Excerpt from Englund (2004: 124) showing the sign  1N₂₃

not agreed upon one or the other of two possible forms, N_{39a} () and N_{39b} () (this latter sign form might derive from the use of thumbnails to represent units smaller than the basic unit in grain metrology notations during the period of numerical tablets). By the beginning of the following period Uruk III, standardization had dictated the use of only N_{39a}. Persian accountants chose the equally plausible variant N_{39b} from the Uruk IV pool of signs.

Excerpt from Englund (2004: 140) showing the signs  1N_{39a} and  1N_{39b}

Figure 5: Examples of Proto-Elamite signs used in running text.

column on its reverse. The following correlation demonstrates that the entries on the final balancing tablet correspond exactly to the entries of both texts from which it was drawn, albeit in a different sequence: the scribe here differentiated by recording on the obverse all the individuals qualified with the numerical sign 𐎶 , on the reverse all those qualified with the numerical sign 𐎵 .

Text no.	col.	case		Text no.	col.	case
62b obv.	I	1–5	=	62a obv.	I	1–5
	II	1	=		I	6
	II	2	=	rev.	I	3
	II	3	=		I	5
	II	4	=		I	4
	II	5	=	obv.	I	7
rev.	I	1–2	=		I	8–9
	I	3–6	=		II	1–4
	II	1–6	=		II	5–8
	II	7–8	=	rev.	I	1–2
62c obv.	I	1–4	=		I	6–9

After having booked the entries, the scribe proceeded by turning the tablet upside down, recording two subtotals within the central column of the reverse. In a last step he entered the grand total of the recorded laborers in the left column of the reverse. The first subtotal records exactly those 17 individuals who were noted on the obverse and qualified with the numerical sign 𐎶 . These people are qualified as male and female laborers (𐎶𐎵) of the category 𐎶𐎵 (SAG+MA). The remaining ten laborers recorded with the numerical sign 𐎵 on the reverse of the tablet are noted separately in the second subtotal, where they are characterized through the addition of the sign 𐎶 (ERIM).

We do not understand the exact purpose of this differentiation. In administrative texts relating to domestic animals, the same numerical sign 𐎵 was generally used to book an animal that had died during the accounting period. Consequently, one might be tempted to suggest that the ten laborers referred to in the present context were indeed dead. On the other hand, we cannot rule out the possibility that the sign was merely used to stress an as yet unspecified functional difference between the two groups of laborers. As a matter of fact, such use of explicitly different numerical signs is well documented in later accounting tradition.

Dating to approximately the same time as the Uruk III period texts from Mesopotamia are a number of administrative texts of similar contents which come from Susa and are written in the so-called proto-Elamite script. Although this script remains for the

most part undeciphered, we are able to make often far-reaching conclusions about the contents of the proto-Elamite texts, based on their formal similarity to proto-cuneiform tablets, that is, to the archaic texts from Mesopotamia, in particular insofar as the structure of documented accounts and the similar use of certain signs for objects in bookkeeping are concerned.

The proto-Elamite texts exhibit two features that clearly distinguish them from the proto-cuneiform documents, relating to sign form and text layout, respectively. One essential difference to the archaic texts from Mesopotamia is that the proto-Elamite documents were written in a linearized script, which on a superficial level tends to blur the formal and structural similarities between the two text corpora. The first signs on a proto-Elamite tablet have by and large the same function as the proto-cuneiform “subscription” (that is, signature), usually inscribed together with the final total on the reverse side of an archaic account tablet from Mesopotamia. As already demonstrated, such signatures supplied information relating to the type of transaction recorded as well as the responsibilities of the individuals involved in that particular transaction. Following the introductory sign combinations, which generally express the purpose of a proto-Elamite tablet, are individual entries, one after the other, without regard to the formal arrangement of the tablet into columns. Each entry normally includes an ideographic notation followed by a numerical one, thus diverging again from the strict sequence used in the proto-cuneiform texts. The principle of recording the total on the reverse side of the tablet, however, is adhered to by the proto-Elamite scribes.

The obverse of the proto-Elamite tablet in figure 63 lists in several columns altogether seven labor troops. The list itself is remarkably similar to the compilation on the proto-cuneiform text shown in figure 61; the proto-Elamite sign 𐎶𐎵 , moreover, corresponds in all probability to the graphically similar sign 𐎶𐎵 , meaning “male laborer,” from the proto-cuneiform script. The number of laborers belonging to each group listed in our proto-Elamite account varies between 44 and 147. In front of each number relating to the size of a group either one or two other signs were written which, according to our findings, refer to the foreman of the gang.

In proto-Elamite texts, the numbers relating to registered individuals formed part of a numerical system which was restricted in use to the distributional area of the script itself, a region approximately identical with later Persia. Hence, that system is not to be found in the contemporary archaic texts of Mesopotamia. Apparently it was only applied in conjunction with the registration of labor gangs and herds of domestic animals. It actually constitutes the only known decimal system of this region

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Figure 6: Examples of Proto-Elamite signs used in running text, with comparison to an analogous Proto-Cuneiform signs (from Nissen, Damerow, Englund 1993: 75).

from the archaic period. The following signs of this system have been identified:

	=	1
	=	10
	=	100
	=	1,000
	=	10,000

The signs of this system for the numbers 1,000 and 10,000 seem to have been borrowed from the proto-cuneiform bisexagesimal system and ascribed here new numerical values. This suggests that the system originally only consisted of the numbers 1, 10, and 100 and was only expanded at a time when centralization of the economic administration led to the necessity of recording increasingly larger numbers of laborers and domestic animals.

The structure of a second proto-Elamite example is illustrated in figures 64–65. In this account, laborers and grain rations are treated simultaneously. It reveals with a certain degree of clarity the hierarchical structure of the labor gangs known from texts dating to the later Old Sumerian period.

Two individuals stood at the top of the hierarchy attested by this text. Both probably functioned as chief supervisors of the registered laborers. Of special interest are the people under the control of the first supervisor, since it seems that they actually formed together a full force of laborers, whereas the second supervisor only administered the remainder of the listed workmen. The first labor force can be qualified as a century, since it consisted of ten gangs, of ten laborers each plus one foreman, thus forming together 11 individuals per gang. That number was recorded after the name of every foreman. The reverse side of the tablet with the totals accordingly records a sum of 111 laborers for the first chief supervisor, that is, the total of all gangs together with their respective foremen and the chief supervisor himself.

The fact that all the members of the three hierarchical groups were preceded by the sign is in agreement with the summary of the laborers, foremen, and chief supervisor in a grand total. Such comprehensive qualifications of laborers from different hierarchical levels are well known from later Mesopotamian sources. Such is, for instance, the case for the Sumerian term *guruš* during the period of the Third Dynasty of Ur. In the summations on the reverse side of the proto-Elamite tablet, the two chief supervisors are additionally qualified by the sign . This sign most likely served to underscore the special status of the two individuals, corresponding semantically and graphically to the Sumerian sign *ugula* for the foremen of laborers (both signs likely representations of sticks).

The cereal rations are always specified for two labor gangs together, that is, for 22 individuals. Following the two entries, each consisting of the sign the name of the foreman and the numerical notation corresponding to the eleven persons of each gang, the sign probably the proto-Elamite sign for “grain ration,” was inscribed, and finally the amount of barley distributed to the 22 individuals. The barley quantity is expressed in the proto-Elamite capacity system for grain which corresponds to the ŠE system of the archaic texts from Mesopotamia. For two complete gangs, an amount of 1 and 5 was required. Since in the capacity system 1 unit of replaces 6 units of , every laborer received an amount represented by $\frac{1}{2}$. This amount probably corresponded to the monthly ration of a laborer. Assuming that the capacity units in Susa were of the same size as those in archaic Mesopotamia, this amount would correspond to half of what a laborer was given in Mesopotamia as attested by the archaic text in figure 60 and others. The laborer in proto-Elamite Susa would thus have received only about 12 liters per month. There are, however, a number of indications that the capacity systems in the two regions were based on different unit sizes despite their identical numerical structure.

We are ill informed about the type of tasks assigned to the labor gangs whom we find documented in the proto-Elamite texts. In particular, we do not know whether their work was carried out in the immediate neighborhood of the city or on an interregional basis. From the Fara period, the period following the archaic age, however, there is enough evidence to confirm the existence of regionally organized and directed work projects. This is, for example, attested by the tablets represented in figure 66, both of which were found in the ruins of Fara, the ancient city of Šuruppak. Both texts are compilations of “conscripted work forces” (corvée workers? Sumerian *lú dab₃*) from nearly all the politically important cities of the Fara period: Uruk, Adab, Nippur, Lagash, Umma, and Šuruppak itself. For example, the first of these two tablets may be transliterated and translated in the following manner (text 66a; the sexagesimal number notations of the original appear in the translation converted into decimal numbers; see chap. 6):

Obverse:		
I	2.20 <i>guruš</i>	140 laborers,
	<i>lú dab₃ Unug^{ki}</i>	corvée workers from Uruk,
	3.35 <i>Adab^{ki}</i>	215 (from) Adab,
	1.14	74
II	<i>Nibru^{ki}</i>	(from) Nippur,
	1.50 <i>Lagaš^{ki}</i>	110 (from) Lagash,
	1.06 <i>Šuruppak^{ki}</i>	66 (from) Šuruppak,

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Figure 7: Examples of Proto-Elamite signs used in running text (from Nissen, Damerow, Englund 1993: 77).