

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Международная организация по стандартизации

Doc Type: Working Group Document
Title: Encoding Blissymbolics in Plane 1 of the UCS
Source: Michael Everson
Status: Proposal Document
Date: 1998-09-10

A. Administrative

1. Title

Encoding Blissymbolics in Plane 1 of the UCS

2. Requester's name

Michael Everson, EGT (WG2 member for Ireland)

3. Requester type

Expert contribution

4. Submission date

1998-09-10

5. Requester's reference

6a. Completion

This is a preliminary proposal.

6b. More information to be provided?

Yes

B. Technical -- General

1a. New script? Name?

Yes. Blissymbolics

1b. Addition of characters to existing block? Name?

No.

2. Number of characters

896+

3. Proposed category

Category A

4. Proposed level of implementation and rationale

Level 3. Blissymbolics use combining characters as grammatical indicators.

5a. Character names included in proposal?

Yes

5b. Character names in accordance with guidelines?

Yes

5c. Character shapes reviewable?

Yes

6a. Who will provide computerized font?

Michael Everson, Everson Gunn Teoranta

6b. Font currently available?

Yes

6c. Font format?

TrueType

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Claudia Wood, Jinny Storr, Peter A. Reich, eds. 1992. *Blissymbol Reference Guide*. Toronto: Blissymbolics Communication International. ISBN 0-969-05169-7

ISO-IR 169. Codes for the Blissymbol Graphic Character Set.

McDonald, Eugene T. 1980. *Teaching and using Blissymbolics: written for use by instructors of communicatively impaired persons*. Toronto: Blissymbolics Communication Institute. ISBN 0-9690516-8-9

McNaughton, Shirley, ed. 1985. *Communicating with Blissymbolics*. Toronto: Blissymbolics Communication Institute. ISBN 0-9690516-3-8

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

No.

8. Does the proposal address other aspects of character data processing?

Yes. See Proposal below.

C. Technical -- Justification

1. Contact with the user community?

Yes: Toronto: Blissymbolics Communication International and national affiliates in numerous countries.

2. Information on the user community?

Non-speaking people, their carers and families, speech pathologists, etc.

3a. The context of use for the proposed characters?

Blissymbolics is an ideographic language used as a primary language by non-speaking people, either as an end in itself, or as a bridge to written language.

3b. Reference

See above

4a. Proposed characters in current use?

Yes

4b. Where?

On symbol boards, in electronic symbol processors, on the internet.

5a. Characters should be encoded entirely in BMP?

No.

5b. Rationale

The user community is not large enough to warrant it, and the character set is large enough that it seems appropriate that Plane 1 be used to contain the characters.

6. Should characters be kept in a continuous range?

Yes.

7a. Can the characters be considered a presentation form of an existing character or character sequence?

No, apart from their superficial similarity to other characters because of their pictographic nature.

7b. Where?

7c. Reference

8a. Can any of the characters be considered to be similar (in appearance or function) to an existing character?

No.

8b. Where?

8c. Reference

9a. Combining characters or use of composite sequences included?

Yes

9b. List of composite sequences and their corresponding glyph images provided?

No. The combining characters can be freely combined with base forms.

10. Characters with any special properties such as control function, etc. included?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

1. Relevant SC 2/WG 2 document numbers:

2. Status (list of meeting number and corresponding action or disposition)

3. Additional contact to user communities, liaison organizations etc.

4. Assigned category and assigned priority/time frame

Other Comments

E. Proposal.

Blissymbolics form an ideographic writing system, like Chinese, with its own grammar and syntax. This language is, today, primarily used by people with physical and cognitive handicaps of various kinds (for instance, those associated with cerebral palsy), and is promoted by the organization Blissymbolics Communication International. BCI is based in Canada and has affiliates in Argentina, Australia, Belgium, Bermuda, Brazil, Denmark, Finland, France, Germany, Guam, Hungary, Iceland, India, Israel, Italy, the Netherlands, New Zealand, Norway, Portugal, South Africa, Spain, Sweden, Switzerland, the United Kingdom, the United States, Venezuela, and Zimbabwe.

Blissymbolics were developed in the middle of the twentieth century by Charles Bliss as a “universal” language that (he hoped) could cut across national boundaries and facilitate international communication and peace. Like other utopian languages, Blissymbolics’ popularity fell short of the designs of their creator – although their present-day use as the primary language of people who might otherwise have no means of communicating *at all* is more of a blessing to them, their families, and their communities, than any utopian language could hope to be.

Graphically, Blissymbols are built out of a relatively small set of shapes (lines, curves, and dots) which are combined in a strictly controlled matrix in the x and y axes. Relative position (vertical height and horizontal distance) is important for their recognition as well as their construction. The “earthline” and “skyline” form the reference points for vertical distinctions. Blissymbols are written from left to right. Blissymbolics do *not* benefit from the use of a wide variety of fonts. Consistency is the aesthetic striven for, rather than variety.

It is proposed that the encoding for Blissymbolics in the UCS be ideographic, like Chinese. Blissymbols combine with one another in the horizontal plane, with a small set of combining characters which serves to give verbs tense, identify plurals, and to differentiate nouns from verbs and adjectives. Spacing makes clear the meaning of Blissymbols combined into words, separates words from each other, and separates punctuation from words.

A font exists which contains these graphic primitives and which can be used to create new Blissymbols on the fly. Because of processing requirements and the general practice of SC2 (for

more on which see below), it is *not* suggested that this font form the basis of the encoding for Blissymbolics in the UCS. Rather, it is proposed that such primitives be employed in the Private Use zone by agreement of Blissymbolics users precisely because the symbols created with them are non-standard (further elaboration on this topic is outside the scope of SC2). It is recognized that users do create special Blissymbols from time to time – but it is normal for those users to forward the most useful ones to the BCI, which has procedures for evaluating them and accepting or rejecting them from the approved list of “official Blissymbols” which gets published in dictionaries and other educational materials. It is expected that, from time to time, BCI will need to approach SC2 and the UTC with extensions to the repertoire. It is strongly suggested that SC2 and the UTC formally recognize BCI as *the* authority on Blissymbolics and ensure that any request for extensions of the Blissymbolics repertoire be approved by BCI.

Blissymbolics were standardized as a double-byte character set in 1993 (see ISO-IR 169). It is suggested that the coding scheme in ISO-IR 169 *not* be followed for coding of Blissymbolics in the UCS, but that a table-based conversion algorithm be used to transfer data from the one character set to the other. The reasons for this suggestion are several:

- 1. Size.** ISO-IR 169 has 2384 characters, and would require 149 columns in the UCS. The ideographic model contains 886, requiring 56 columns.
- 2. Simplicity.** ISO-IR 169 is lexically-based while this proposal is ideographically-based.
- 3. Stability.** Ideographic characters with simple combining marks can easily be handled by any UCS implementation as these features are common and straightforward.

Where ISO-IR 169 encodes the following words as separate characters, this proposal decomposes them into their component ideographs. This proposal encodes indivisible ideographs from which compound words are formed. Careful scrutiny by experts as regards the completeness and accuracy of the selection of basic ideographs should be undertaken. The selection given here was made by a series of judgement calls on my part, arising out of my having made a font with precomposed ideographs, and judging the relevant space between elements of the symbols in the BCI *Blissymbol Reference Guide* and ISO-IR 169. Spacing is an important syntactic feature of Blissymbolics.




























































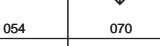







































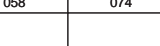




























Combining marks are to be entered immediately following the ideograph above which they centre.

Use of a set of numbers, signs, and letters with Blissymbolics is customary. Some research needs to be done to determine whether a unification of these characters with existing (mostly ASCII) characters is appropriate. This proposal has begun by *not* unifying them. The chief reason for this is that, Blissymbolics users are, apparently, very font sensitive and require a great deal of consistency. Whether this should affect the coding is another question. There are only 22 of these characters.

Spacing is very important in Blissymbolics. A full space separates words, a half space separates punctuation from words, a quarter space separates ideograms within a single word. Note that the comma can be used as a punctuation mark comma (separate by a half space from the preceding word) or as a qualifying divisor (separated only by a quarter space). These spaces do not equate to the EM SPACE, EN SPACE, and FOUR-PER-EM SPACE already encoded in the UCS, but rather to a fixed Bliss-specific unit (the em square is calculated from descender to ascender in any font, but the Bliss space is calculated from earthline and skyline (it is a subset of the em square of a Bliss font).

The current repertoire is under review by Blissymbolics Communication International. Depending on the publication schedule of Part 2 of the UCS, the repertoire may increase somewhat in size.

TABLE XXX - Row x0: BLISSYMBOLS

































































































































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2	 002	 018	 034	 050	 066	 082	 098	 114
3	 003	 019	 035	 051	 067	 083	 099	 115
4	 004	 020	 036	 052	 068	 084	 100	 116
5	 005	 021	 037	 053	 069	 085	 101	 117
6	 006	 022	 038	 054	 070	 086	 102	 118
7	 007	 023	 039	 055	 071	 087	 103	 119
8	 008	 024	 040	 056	 072	 088	 104	 120
9	 009	 025	 041	 057	 073	 089	 105	 121
A	 010	 026	 042	 058	 074	 090	 106	 122
B	 011	 027	 043	 059	 075	 091	 107	 123
C	 012	 028	 044	 060	 076	 092	 108	 124
D	 013	 029	 045	 061	 077	 093	 109	 125
E	 014	 030	 046	 062	 078	 094	 110	 126
F	 015	 031	 047	 063	 079	 095	 111	 127

G = 00
P = 01

TABLE XXX - Row x0: BLISSYMBOLS

dec	hex	Name	dec	hex	Name
000	00	BLISSYMBOL RAISED WAVY LINE *	089	59	BLISSYMBOL JUMP
001	01	BLISSYMBOL SQUIRREL	090	5A	BLISSYMBOL TURN
002	02	BLISSYMBOL FIRE	091	5B	BLISSYMBOL ROTATED JUMP *
003	03	BLISSYMBOL MANGO	092	5C	BLISSYMBOL SWING
004	04	BLISSYMBOL HORIZONTAL WAVY LINE ON SKYLINE *	093	5D	BLISSYMBOL HALF JUMP *
005	05	BLISSYMBOL CLOUD	094	5E	BLISSYMBOL WHEEL OF DHARMA *
006	06	BLISSYMBOL WATER	095	5F	BLISSYMBOL TRACTOR
007	07	BLISSYMBOL OIL	096	60	BLISSYMBOL WHEEL
008	08	BLISSYMBOL THREE CHANNELS OF WATER	097	61	BLISSYMBOL JOURNEY
009	09	BLISSYMBOL STEAM	098	62	BLISSYMBOL TYRE
010	0A	BLISSYMBOL RAIN	099	63	BLISSYMBOL LARGE CIRCLE CENTRED ON SKYLINE *
011	0B	BLISSYMBOL HAIL	100	64	BLISSYMBOL BALLOON
012	0C	BLISSYMBOL BEVERAGE	101	65	BLISSYMBOL SUN
013	0D	BLISSYMBOL BASIN	102	66	BLISSYMBOL NORTH
014	0E	BLISSYMBOL ICE	103	67	BLISSYMBOL EAST
015	0F	BLISSYMBOL POOL	104	68	BLISSYMBOL SOUTH
016	10	BLISSYMBOL SNOW	105	69	BLISSYMBOL WEST
017	11	BLISSYMBOL SNOWFLAKE	106	6A	BLISSYMBOL WEATHER
018	12	BLISSYMBOL FREEZE	107	6B	BLISSYMBOL CHANGE
019	13	BLISSYMBOL HORIZONTAL WAVY LINE ON EARTHLINE *	108	6C	BLISSYMBOL DEVELOPMENT
020	14	BLISSYMBOL RICE	109	6D	BLISSYMBOL MACHINE
021	15	BLISSYMBOL MUD	110	6E	BLISSYMBOL RING
022	16	BLISSYMBOL SWAMP	111	6F	BLISSYMBOL MELON
023	17	BLISSYMBOL ISLAND	112	70	BLISSYMBOL LIGHT
024	18	BLISSYMBOL REVERSED WAVY LINE *	113	71	BLISSYMBOL EGG
025	19	BLISSYMBOL MEDICINE	114	72	BLISSYMBOL DISK
026	1A	BLISSYMBOL HORIZONTAL REVERSED WAVY LINE *	115	73	BLISSYMBOL HEAD
027	1B	BLISSYMBOL SPERM	116	74	BLISSYMBOL FACE
028	1C	BLISSYMBOL FERTILIZATION	117	75	BLISSYMBOL CHIN
029	1D	BLISSYMBOL NON-FERTILIZATION	118	76	BLISSYMBOL CHEEK
030	1E	BLISSYMBOL BARRIER CONTRACEPTIVE	119	77	BLISSYMBOL FOREHEAD
031	1F	BLISSYMBOL FEELING	120	78	BLISSYMBOL BEARD
032	20	BLISSYMBOL EXPRESSING FEELINGS	121	79	BLISSYMBOL PIMPLE
033	21	BLISSYMBOL COMFORT	122	7A	BLISSYMBOL NECK WITH HEAD
034	22	BLISSYMBOL DISCOMFORT	123	7B	BLISSYMBOL RACCOON
035	23	BLISSYMBOL CLOTH	124	7C	BLISSYMBOL BEAR
036	24	BLISSYMBOL NUMBER	125	7D	BLISSYMBOL DAY
037	25	BLISSYMBOL BUILDING	126	7E	BLISSYMBOL LIFE
038	26	BLISSYMBOL GARAGE	127	7F	BLISSYMBOL DEATH
039	27	BLISSYMBOL MOBILE HOME			
040	28	BLISSYMBOL YARD			
041	29	BLISSYMBOL FENCE			
042	2A	BLISSYMBOL CHIMNEY			
043	2B	BLISSYMBOL EAR			
044	2C	BLISSYMBOL SOUND			
045	2D	BLISSYMBOL DEAFNESS			
046	2E	BLISSYMBOL EXTENDED ARROW			
047	2F	BLISSYMBOL CONTINUE			
048	30	BLISSYMBOL UPWARD			
049	31	BLISSYMBOL GAS			
050	32	BLISSYMBOL BUBBLE			
051	33	BLISSYMBOL GIVE			
052	34	BLISSYMBOL EXCHANGE			
053	35	BLISSYMBOL UPWARD AND FORWARD			
054	36	BLISSYMBOL FORWARD			
055	37	BLISSYMBOL MEET			
056	38	BLISSYMBOL GREETINGS AND GOODBYES			
057	39	BLISSYMBOL RIVER			
058	3A	BLISSYMBOL AGREEMENT			
059	3B	BLISSYMBOL BACK AND FORTH			
060	3C	BLISSYMBOL THROUGH			
061	3D	BLISSYMBOL VISIT			
062	3E	BLISSYMBOL UNDERSTAND			
063	3F	BLISSYMBOL INTO			
064	40	BLISSYMBOL CRUSH			
065	41	BLISSYMBOL PUSH			
066	42	BLISSYMBOL SQUEEZE			
067	43	BLISSYMBOL END			
068	44	BLISSYMBOL RACE			
069	45	BLISSYMBOL DOWNWARD AND FORWARD			
070	46	BLISSYMBOL DOWNWARD			
071	47	BLISSYMBOL GET			
072	48	BLISSYMBOL CRASH			
073	49	BLISSYMBOL DOWNWARD AND BACKWARD			
074	4A	BLISSYMBOL BENT ARROW			
075	4B	BLISSYMBOL MIRROR			
076	4C	BLISSYMBOL REVERSED ARROW ON SKYLINE *			
077	4D	BLISSYMBOL SUCCESS			
078	4E	BLISSYMBOL BACKWARD			
079	4F	BLISSYMBOL OPPOSING FORCES			
080	50	BLISSYMBOL UPWARD AND BACKWARD			
081	51	BLISSYMBOL GATHERING			
082	52	BLISSYMBOL EXPLOSIVE			
083	53	BLISSYMBOL YEAR			
084	54	BLISSYMBOL ORBIT *			
085	55	BLISSYMBOL ATOM			
086	56	BLISSYMBOL NUCLEUS			
087	57	BLISSYMBOL ROTATE			
088	58	BLISSYMBOL MIX			

TABLE XXX - Row x0: BLISSYMBOLS

	x08	x09	x0A	x0B	x0C	x0D	x0E	x0F
0	 128	 144	 160	 176	 192	 208	 224	 240
1	 129	 145	 161	 177	 193	 209	 225	 241
2	 130	 146	 162	 178	 194	 210	 226	 242
3	 131	 147	 163	 179	 195	 211	 227	 243
4	 132	 148	 164	 180	 196	 212	 228	 244
5	 133	 149	 165	 181	 197	 213	 229	 245
6	 134	 150	 166	 182	 198	 214	 230	 246
7	 135	 151	 167	 183	 199	 215	 231	 247
8	 136	 152	 168	 184	 200	 216	 232	 248
9	 137	 153	 169	 185	 201	 217	 233	 249
A	 138	 154	 170	 186	 202	 218	 234	 250
B	 139	 155	 171	 187	 203	 219	 235	 251
C	 140	 156	 172	 188	 204	 220	 236	 252
D	 141	 157	 173	 189	 205	 221	 237	 253
E	 142	 158	 174	 190	 206	 222	 238	 254
F	 143	 159	 176	 191	 207	 223	 239	 255

































































































































G = 00
P = 01

TABLE XXX - Row x0: BLISSYMBOLS

dec	hex	Name
128	80	BLISSYMBOL NEW
129	81	BLISSYMBOL PIZZA
130	82	BLISSYMBOL PLANET EARTH
131	83	BLISSYMBOL TIME
132	84	BLISSYMBOL SMALL CIRCLE ON SKYLINE *
133	85	BLISSYMBOL POETRY
134	86	BLISSYMBOL METAPHOR
135	87	BLISSYMBOL PRETEND
136	88	BLISSYMBOL SMALL CIRCLE BENEATH SKYLINE *
137	89	BLISSYMBOL GENERALIZATION
138	8A	BLISSYMBOL GIRL
139	8B	BLISSYMBOL BOY
140	8C	BLISSYMBOL CHILD
141	8D	BLISSYMBOL MONEY
142	8E	BLISSYMBOL COMMERCE
143	8F	BLISSYMBOL FLOWER
144	90	BLISSYMBOL STEM
145	91	BLISSYMBOL GARDEN
146	92	BLISSYMBOL FLOWER FROM BULB
147	93	BLISSYMBOL BULB WITH FLOWER
148	94	BLISSYMBOL PLANT
149	95	BLISSYMBOL PARK
150	96	BLISSYMBOL TENNIS
151	97	BLISSYMBOL MOUTH
152	98	BLISSYMBOL LIPS
153	99	BLISSYMBOL CURRANTS
154	9A	BLISSYMBOL SPIDER
155	9B	BLISSYMBOL EYE
156	9C	BLISSYMBOL EYELID
157	9D	BLISSYMBOL COLOUR
158	9E	BLISSYMBOL NEWS
159	9F	BLISSYMBOL EYEGLASSES
160	A0	BLISSYMBOL BLIND
161	A1	BLISSYMBOL TASTE
162	A2	BLISSYMBOL FOOD
163	A3	BLISSYMBOL SPREAD
164	A4	BLISSYMBOL BE
165	A5	BLISSYMBOL EVENT
166	A6	BLISSYMBOL NONSPEAKING
167	A7	BLISSYMBOL NAME
168	A8	BLISSYMBOL LANGUAGE
169	A9	BLISSYMBOL COMBINATION
170	AA	BLISSYMBOL SPIT
171	AB	BLISSYMBOL KISS
172	AC	BLISSYMBOL GRAPES
173	AD	BLISSYMBOL BOW
174	AE	BLISSYMBOL BERRY
175	AF	BLISSYMBOL STRAWBERRY
176	B0	BLISSYMBOL SMALL CIRCLE ON EARTHLINE *
177	B1	BLISSYMBOL DISK
178	B2	BLISSYMBOL BALL
179	B3	BLISSYMBOL BOWLING BALL
180	B4	BLISSYMBOL EARPHONES
181	B5	BLISSYMBOL FRUIT
182	B6	BLISSYMBOL CITRUS FRUIT
183	B7	BLISSYMBOL PLUM
184	B8	BLISSYMBOL CHERRIES
185	B9	BLISSYMBOL TUBE
186	BA	BLISSYMBOL SMOKING
187	BB	BLISSYMBOL CIGARETTE
188	BC	BLISSYMBOL PIPE
189	BD	BLISSYMBOL BABY GIRL
190	BE	BLISSYMBOL BABY BOY
191	BF	BLISSYMBOL SCISSORS
192	C0	BLISSYMBOL MUSICAL NOTE
193	C1	BLISSYMBOL BABY
194	C2	BLISSYMBOL INDICATOR COMBINE
195	C3	BLISSYMBOL INDICATOR-SIZED CIRCLE *
196	C4	BLISSYMBOL RASPBERRY
197	C5	BLISSYMBOL LARGE TOP HALF CIRCLE ABOVE SKYLINE *
198	C6	BLISSYMBOL CONSCIENCE
199	C7	BLISSYMBOL FORGIVE
200	C8	BLISSYMBOL MORAL
201	C9	BLISSYMBOL IMMORAL
202	CA	BLISSYMBOL MIND
203	CB	BLISSYMBOL WISH
204	CC	BLISSYMBOL ALLOW
205	CD	BLISSYMBOL DECISION
206	CE	BLISSYMBOL IDEA
207	CF	BLISSYMBOL OPINION
208	D0	BLISSYMBOL OBSERVE
209	D1	BLISSYMBOL NONSENSE
210	D2	BLISSYMBOL STATE OF MIND
211	D3	BLISSYMBOL FACT
212	D4	BLISSYMBOL MEANING
213	D5	BLISSYMBOL USE
214	D6	BLISSYMBOL KNOWLEDGE
215	D7	BLISSYMBOL FORGET
216	D8	BLISSYMBOL SYSTEM

dec	hex	Name
217	D9	BLISSYMBOL KIND
218	DA	BLISSYMBOL FAN
219	DB	BLISSYMBOL GOOD
220	DC	BLISSYMBOL SCIENCE
221	DD	BLISSYMBOL TRUTH
222	DE	BLISSYMBOL MATHEMATICS
223	DF	BLISSYMBOL BEETLE
224	E0	BLISSYMBOL TORTOISE
225	E1	BLISSYMBOL BAD
226	E2	BLISSYMBOL JUDGE (new entry for book)
227	E3	BLISSYMBOL SELFISHNESS
228	E4	BLISSYMBOL CONSIDERATION
229	E5	BLISSYMBOL DOUBT
230	E6	BLISSYMBOL INTEREST
231	E7	BLISSYMBOL IMPORTANCE
232	E8	BLISSYMBOL CALCULATE
233	E9	BLISSYMBOL LEAD
234	EA	BLISSYMBOL LARGE TOP HALF CIRCLE ON EARTHLINE *
235	EB	BLISSYMBOL SWAN
236	EC	BLISSYMBOL FISH
237	ED	BLISSYMBOL MORNING
238	EE	BLISSYMBOL HORIZON
239	EF	BLISSYMBOL CURVE
240	F0	BLISSYMBOL CONTAINER
241	F1	BLISSYMBOL FLOAT
242	F2	BLISSYMBOL SIEVE
243	F3	BLISSYMBOL TAKE
244	F4	BLISSYMBOL SMALL TOP HALF CIRCLE ON SKYLINE *
245	F5	BLISSYMBOL PALM TREE
246	F6	BLISSYMBOL SMALL TOP HALF CIRCLE ON MIDLINE *
247	F7	BLISSYMBOL APPLE
248	F8	BLISSYMBOL PEACH
249	F9	BLISSYMBOL CABBAGE
250	FA	BLISSYMBOL SUITCASE
251	FB	BLISSYMBOL ICE CREAM CONE
252	FC	BLISSYMBOL HANDBAG
253	FD	BLISSYMBOL DROMEDARY
254	FE	BLISSYMBOL CAMEL
255	FF	BLISSYMBOL BISON

TABLE XXX - Row x1: BLISSYMBOLS

	x10	x11	x12	x13	x14	x15	x16	x17
0	 000	 016	 032	 048	 064	 080	 096	 112
1	 001	 017	 033	 049	 065	 081	 097	 113
2	 002	 018	 034	 050	 066	 082	 098	 114
3	 003	 019	 035	 051	 067	 083	 099	 115
4	 004	 020	 036	 052	 068	 084	 100	 116
5	 005	 021	 037	 053	 069	 085	 101	 117
6	 006	 022	 038	 054	 070	 086	 102	 118
7	 007	 023	 039	 055	 071	 087	 103	 119
8	 008	 024	 040	 056	 072	 088	 104	 120
9	 009	 025	 041	 057	 073	 089	 105	 121
A	 010	 026	 042	 058	 074	 090	 106	 122
B	 011	 027	 043	 059	 075	 091	 107	 123
C	 012	 028	 044	 060	 076	 092	 108	 124
D	 013	 029	 045	 061	 077	 093	 109	 125
E	 014	 030	 046	 062	 078	 094	 110	 126
F	 015	 031	 047	 063	 079	 095	 111	 127

































































































































G = 00
P = 01

TABLE XXX - Row x1: BLISSYMBOLS

dec	hex	Name
256	00	BLISSYMBOL MUSHROOM
257	01	BLISSYMBOL SNAKE
258	02	BLISSYMBOL WATERSNAKE
259	03	BLISSYMBOL SMALL RIGHT HALF CIRCLE *
260	04	BLISSYMBOL DOLPHIN
261	05	BLISSYMBOL SMALL BOTTOM HALF CIRCLE BENEATH SKYLINE *
262	06	BLISSYMBOL PIG
263	07	BLISSYMBOL SPIRAL
264	08	BLISSYMBOL SMALL BOTTOM HALF CIRCLE BENEATH MIDLINE *
265	09	BLISSYMBOL GUN
266	0A	BLISSYMBOL SMALL LEFT HALF CIRCLE *
267	0B	BLISSYMBOL PLIERS
268	0C	BLISSYMBOL DOG
269	0D	BLISSYMBOL TAIL
270	0E	BLISSYMBOL UPPER RIGHT QUARTER CIRCLE ON SKYLINE *
271	0F	BLISSYMBOL PINEAPPLE
272	10	BLISSYMBOL UPPER RIGHT QUARTER CIRCLE BENEATH SKYLINE *
273	11	BLISSYMBOL WINGS
274	12	BLISSYMBOL AIRPLANE
275	13	BLISSYMBOL BADMINTON BIRD
276	14	BLISSYMBOL TALON
277	15	BLISSYMBOL ANGEL
278	16	BLISSYMBOL FLY
279	17	BLISSYMBOL BIRD
280	18	BLISSYMBOL WATERBIRD
281	19	BLISSYMBOL BAT
282	1A	BLISSYMBOL UPPER RIGHT QUARTER CIRCLE ON EARTHLINE *
283	1B	BLISSYMBOL LEAFY VEGETABLE
284	1C	BLISSYMBOL LOWER RIGHT QUARTER CIRCLE BELOW SKYLINE *
285	1D	BLISSYMBOL CURTAINS
286	1E	BLISSYMBOL TREE
287	1F	BLISSYMBOL BRANCH
288	20	BLISSYMBOL TRUNK
289	21	BLISSYMBOL EVERGREEN TREE
290	22	BLISSYMBOL COUNTRYSIDE
291	23	BLISSYMBOL LOWER RIGHT QUARTER CIRCLE ON MIDLINE *
292	24	BLISSYMBOL SHRUB
293	25	BLISSYMBOL LOWER RIGHT QUARTER CIRCLE BELOW EARTHLINE *
294	26	BLISSYMBOL PUMPKIN
295	27	BLISSYMBOL SHAMROCK
296	28	BLISSYMBOL VEGETABLE ABOVE GROUND
297	29	BLISSYMBOL CYLINDER-SHAPED VEGETABLE
298	2A	BLISSYMBOL CORN
299	2B	BLISSYMBOL CELERY
300	2C	BLISSYMBOL LOWER LEFT QUARTER CIRCLE ON EARTHLINE *
301	2D	BLISSYMBOL CHEESE
302	2E	BLISSYMBOL GRASS
303	2F	BLISSYMBOL GRAIN
304	30	BLISSYMBOL FIELD
305	31	BLISSYMBOL IRON
306	32	BLISSYMBOL BEAVER
307	33	BLISSYMBOL LARGE HORIZONTAL PARENTHESIS *
308	34	BLISSYMBOL SHELLFISH
309	35	BLISSYMBOL PAST
310	36	BLISSYMBOL PRESENT
311	37	BLISSYMBOL MOON
312	38	BLISSYMBOL BANANA
313	39	BLISSYMBOL FUTURE
314	3A	BLISSYMBOL BEAN
315	3B	BLISSYMBOL PEAS
316	3C	BLISSYMBOL EXPECTATION
317	3D	BLISSYMBOL INSURANCE
318	3E	BLISSYMBOL SNOWSHOE
319	3F	BLISSYMBOL LEAF
320	40	BLISSYMBOL TURNIP
321	41	BLISSYMBOL LEMON
322	42	BLISSYMBOL BUTTERFLY
323	43	BLISSYMBOL BODY
324	44	BLISSYMBOL CHEST
325	45	BLISSYMBOL BREASTS
326	46	BLISSYMBOL CROTCH
327	47	BLISSYMBOL SIDE OF BODY
328	48	BLISSYMBOL WAIST
329	49	BLISSYMBOL SHOULDER
330	4A	BLISSYMBOL NECK WITH BODY
331	4B	BLISSYMBOL STOMACH
332	4C	BLISSYMBOL EMBRYO
333	4D	BLISSYMBOL FOETUS
334	4E	BLISSYMBOL PUBIC HAIR
335	4F	BLISSYMBOL UTERUS
336	50	BLISSYMBOL BIRTHGIVING
337	51	BLISSYMBOL VAGINA
338	52	BLISSYMBOL AGO
339	53	BLISSYMBOL NOW
340	54	BLISSYMBOL THEN
341	55	BLISSYMBOL OLIVE
342	56	BLISSYMBOL PEAR
343	57	BLISSYMBOL AVOCADO
344	58	BLISSYMBOL BREAD

dec	hex	Name
345	59	BLISSYMBOL TOAST
346	5A	BLISSYMBOL PITA
347	5B	BLISSYMBOL ROLL
348	5C	BLISSYMBOL INDICATOR PAST ACTION
349	5D	BLISSYMBOL INDICATOR FUTURE ACTION
350	5E	BLISSYMBOL HAIR ON HEAD
351	5F	BLISSYMBOL INDICATOR-SIZED PARENTHESIS *
352	60	BLISSYMBOL HAIR
353	61	BLISSYMBOL FUR
354	62	BLISSYMBOL PIT
355	63	BLISSYMBOL ENCLOSURE
356	64	BLISSYMBOL BOTTOM
357	65	BLISSYMBOL SIDE OF OBJECT
358	66	BLISSYMBOL TOP
359	67	BLISSYMBOL CENTRE
360	68	BLISSYMBOL HEATER
361	69	BLISSYMBOL WINDOW WITH BARS
362	6A	BLISSYMBOL OUT OF
363	6B	BLISSYMBOL CAMERA
364	6C	BLISSYMBOL PROJECTOR
365	6D	BLISSYMBOL SECRET
366	6E	BLISSYMBOL SLEEP
367	6F	BLISSYMBOL CRUST
368	70	BLISSYMBOL INSIDE
369	71	BLISSYMBOL OUTSIDE
370	72	BLISSYMBOL POST
371	73	BLISSYMBOL WINDOW
372	74	BLISSYMBOL ALL
373	75	BLISSYMBOL UNION JACK
374	76	BLISSYMBOL CHEST OF DRAWERS
375	77	BLISSYMBOL DRAWER
376	78	BLISSYMBOL BOOK
377	79	BLISSYMBOL CUPBOARD
378	7A	BLISSYMBOL ANSWER
379	7B	BLISSYMBOL EXIT
380	7C	BLISSYMBOL POSTCARD
381	7D	BLISSYMBOL CUBE
382	7E	BLISSYMBOL SMALL SQUARE BELOW SKYLINE *
383	7F	BLISSYMBOL TRANSPORT

TABLE XXX - Row x1: BLISSYMBOLS

	x18	x19	x1A	x1B	x1C	x1D	x1E	x1F
0	 128	 144	 160	 176	 192	 208	 224	 240
1	 129	 145	 161	 177	 193	 209	 225	 241
2	 130	 146	 162	 178	 194	 210	 226	 242
3	 131	 147	 163	 179	 195	 211	 227	 243
4	 132	 148	 164	 180	 196	 212	 228	 244
5	 133	 149	 165	 181	 197	 213	 229	 245
6	 134	 150	 166	 182	 198	 214	 230	 246
7	 135	 151	 167	 183	 199	 215	 231	 247
8	 136	 152	 168	 184	 200	 216	 232	 248
9	 137	 153	 169	 185	 201	 217	 233	 249
A	 138	 154	 170	 186	 202	 218	 234	 250
B	 139	 155	 171	 187	 203	 219	 235	 251
C	 140	 156	 172	 188	 204	 220	 236	 252
D	 141	 157	 173	 189	 205	 221	 237	 253
E	 142	 158	 174	 190	 206	 222	 238	 254
F	 143	 159	 176	 191	 207	 223	 239	 255

































































































































G = 00
P = 01

TABLE XXX - Row x1: BLISSYMBOLS

dec	hex	Name
128	80	BLISSYMBOL CART
129	81	BLISSYMBOL LORRY
130	82	BLISSYMBOL THING
131	83	BLISSYMBOL GOODS
132	84	BLISSYMBOL RAW MATERIAL
133	85	BLISSYMBOL WASTE
134	86	BLISSYMBOL WASTE CONTAINER
135	87	BLISSYMBOL MELT
136	88	BLISSYMBOL BLOCK
137	89	BLISSYMBOL EAR MOULD
138	8A	BLISSYMBOL PULL
139	8B	BLISSYMBOL SMALL SQUARE ON EARTHLINE *
140	8C	BLISSYMBOL SOLID THING
141	8D	BLISSYMBOL SLEDGE
142	8E	BLISSYMBOL INDICATOR THING
143	8F	BLISSYMBOL INDICATOR THING PLURAL
144	90	BLISSYMBOL DIAGONAL SQUARE ON SKYLINE *
145	91	BLISSYMBOL KITE
146	92	BLISSYMBOL EXTENDED RECTABLE *
147	93	BLISSYMBOL VIDEO CASSETTE
148	94	BLISSYMBOL RECTANGLE *
149	95	BLISSYMBOL PARCEL
150	96	BLISSYMBOL PAPER
151	97	BLISSYMBOL DOOR
152	98	BLISSYMBOL GOAL
153	99	BLISSYMBOL SHELF
154	9A	BLISSYMBOL ROOM
155	9B	BLISSYMBOL CEILING
156	9C	BLISSYMBOL FLOOR
157	9D	BLISSYMBOL FLOOR COVERING
158	9E	BLISSYMBOL WALL
159	9F	BLISSYMBOL CORNER
160	A0	BLISSYMBOL STEAM BATH
161	A1	BLISSYMBOL SHOWER
162	A2	BLISSYMBOL OPENING
163	A3	BLISSYMBOL FIREPLACE
164	A4	BLISSYMBOL FREEDOM
165	A5	BLISSYMBOL AWAKE
166	A6	BLISSYMBOL QUESTION
167	A7	BLISSYMBOL PUBLIC ROOM
168	A8	BLISSYMBOL WIDE OPEN RECTANGLE BENEATH SKYLINE *
169	A9	BLISSYMBOL BADGE
170	AA	BLISSYMBOL TABLE
171	AB	BLISSYMBOL BOARD
172	AC	BLISSYMBOL EDGE
173	AD	BLISSYMBOL TRAIN PLATFORM
174	AE	BLISSYMBOL BUS BAY
175	AF	BLISSYMBOL PIER
176	B0	BLISSYMBOL WIDE TOP OPEN RECTANGLE BELOW SKYLINE *
177	B1	BLISSYMBOL BRUSH
178	B2	BLISSYMBOL BOX
179	B3	BLISSYMBOL COMB
180	B4	BLISSYMBOL SHEKEL
181	B5	BLISSYMBOL POT
182	B6	BLISSYMBOL GLASS
183	B7	BLISSYMBOL MUG
184	B8	BLISSYMBOL TALL LEFT-OPEN RECTANGLE *
185	B9	BLISSYMBOL EFFECT
186	BA	BLISSYMBOL MAKE
187	BB	BLISSYMBOL CAUSE
188	BC	BLISSYMBOL THEREFORE
189	BD	BLISSYMBOL MOUNTAIN
190	BE	BLISSYMBOL MINE
191	BF	BLISSYMBOL STONE
192	C0	BLISSYMBOL RIGHT TRIANGLE POINTING TO LOWER LEFT *
193	C1	BLISSYMBOL VALLEY
194	C2	BLISSYMBOL DOT ABOVE SKYLINE *
195	C3	BLISSYMBOL INDICATOR DESCRIPTION BEFORE THE FACT
196	C4	BLISSYMBOL DOT ON SKYLINE *
197	C5	BLISSYMBOL BONE
198	C6	BLISSYMBOL STRUCTURE
199	C7	BLISSYMBOL JOINT
200	C8	BLISSYMBOL DOT BELOW SKYLINE *
201	C9	BLISSYMBOL OVER
202	CA	BLISSYMBOL DIVISION
203	CB	BLISSYMBOL PART
204	CC	BLISSYMBOL DOT
205	CD	BLISSYMBOL AGAIN
206	CE	BLISSYMBOL THERE
207	CF	BLISSYMBOL BEFORE
208	D0	BLISSYMBOL AROUND
209	D1	BLISSYMBOL EITHER
210	D2	BLISSYMBOL DOT BELOW MIDLINE *
211	D3	BLISSYMBOL THAT
212	D4	BLISSYMBOL DOT ON EARTHLINE *
213	D5	BLISSYMBOL POWDER
214	D6	BLISSYMBOL NORTHEAST RIGHT ANGLE *
215	D7	BLISSYMBOL STAMP
216	D8	BLISSYMBOL SOUTHWEST RIGHT ANGLE *

dec	hex	Name
217	D9	BLISSYMBOL FOLD
218	DA	BLISSYMBOL RIGHT ANGLE
219	DB	BLISSYMBOL SPACE
220	DC	BLISSYMBOL ARM
221	DD	BLISSYMBOL WRIST
222	DE	BLISSYMBOL ELBOW
223	DF	BLISSYMBOL MUSCLE
224	E0	BLISSYMBOL STRONG
225	E1	BLISSYMBOL COMPEL
226	E2	BLISSYMBOL HEALTH
227	E3	BLISSYMBOL PERSON SITTING
228	E4	BLISSYMBOL RIDE
229	E5	BLISSYMBOL SMALL NORTHWEST RIGHT ANGLE *
230	E6	BLISSYMBOL STEPS
231	E7	BLISSYMBOL INDICATOR-SIZED NORTHEAST RIGHT ANGLE *
232	E8	BLISSYMBOL TRAY
233	E9	BLISSYMBOL PERSON STANDING
234	EA	BLISSYMBOL BACK OF A PERSON
235	EB	BLISSYMBOL BUTTOCKS
236	EC	BLISSYMBOL GENITALS
237	ED	BLISSYMBOL ERECTION
238	EE	BLISSYMBOL MALE
239	EF	BLISSYMBOL PENIS
240	F0	BLISSYMBOL LEFT
241	F1	BLISSYMBOL RIGHT
242	F2	BLISSYMBOL NORTHEAST LONG RIGHT ANGLE *
243	F3	BLISSYMBOL KEY
244	F4	BLISSYMBOL PERSON LYING DOWN
245	F5	BLISSYMBOL PROTECTION
246	F6	BLISSYMBOL HARBOUR
247	F7	BLISSYMBOL CLOTHING
248	F8	BLISSYMBOL MARRIAGE
249	F9	BLISSYMBOL CONE
250	FA	BLISSYMBOL FARM
251	FB	BLISSYMBOL PARENT
252	FC	BLISSYMBOL BIRTH
253	FD	BLISSYMBOL DAUGHTER
254	FE	BLISSYMBOL SON
255	FF	BLISSYMBOL OFFSPRING

TABLE XXX - Row x2: BLISSYMBOLS

	x20	x21	x22	x23	x24	x25	x26	x27
0	 000	 016	 032	 048	 064	 080	 096	 112
1	 001	 017	 033	 049	 065	 081	 097	 113
2	 002	 018	 034	 050	 066	 082	 098	 114
3	 003	 019	 035	 051	 067	 083	 099	 115
4	 004	 020	 036	 052	 068	 084	 100	 116
5	 005	 021	 037	 053	 069	 085	 101	 117
6	 006	 022	 038	 054	 070	 086	 102	 118
7	 007	 023	 039	 055	 071	 087	 103	 119
8	 008	 024	 040	 056	 072	 088	 104	 120
9	 009	 025	 041	 057	 073	 089	 105	 121
A	 010	 026	 042	 058	 074	 090	 106	 122
B	 011	 027	 043	 059	 075	 091	 107	 123
C	 012	 028	 044	 060	 076	 092	 108	 124
D	 013	 029	 045	 061	 077	 093	 109	 125
E	 014	 030	 046	 062	 078	 094	 110	 126
F	 015	 031	 047	 063	 079	 095	 111	 127

G = 00
P = 01

TABLE XXX - Row x2: BLISSYMBOLS

dec	hex	Name
000	00	BLISSYMBOL UMBRELLA
001	01	BLISSYMBOL MOTHER
002	02	BLISSYMBOL FATHER
003	03	BLISSYMBOL RELATIVE
004	04	BLISSYMBOL WIFE
005	05	BLISSYMBOL STEPMOTHER
006	06	BLISSYMBOL GRANDPARENT
007	07	BLISSYMBOL AUNT
008	08	BLISSYMBOL UNCLE
009	09	BLISSYMBOL GRANDMOTHER
010	0A	BLISSYMBOL MATERNAL GRANDMOTHER
011	0B	BLISSYMBOL PATERNAL GRANDMOTHER
012	0C	BLISSYMBOL GRANDFATHER
013	0D	BLISSYMBOL MATERNAL GRANDFATHER
014	0E	BLISSYMBOL PATERNAL GRANDFATHER
015	0F	BLISSYMBOL UP-POINTING RIGHT ANGLE ON EARTHLINE *
016	10	BLISSYMBOL ILLNESS
017	11	BLISSYMBOL RELATION PRO
018	12	BLISSYMBOL PURPOSE
019	13	BLISSYMBOL PERSON WEAK
020	14	BLISSYMBOL DOWN-POINTING RIGHT ANGLE BELOW SKYLINE *
021	15	BLISSYMBOL ALCOHOLIC BEVERAGE
022	16	BLISSYMBOL RELATION CON
023	17	BLISSYMBOL OPPOSITION
024	18	BLISSYMBOL SMALL UP-POINTING RIGHT ANGLE BELOW SKYLINE *
025	19	BLISSYMBOL CRYSTAL
026	1A	BLISSYMBOL IN EXCHANGE FOR
027	1B	BLISSYMBOL POINTER
028	1C	BLISSYMBOL ABOUT
029	1D	BLISSYMBOL FOR THE PURPOSE OF
030	1E	BLISSYMBOL AT
031	1F	BLISSYMBOL HERE
032	20	BLISSYMBOL TOWARDS
033	21	BLISSYMBOL ALTHOUGH
034	22	BLISSYMBOL BY MEANS OF
035	23	BLISSYMBOL HEAT
036	24	BLISSYMBOL COLD
037	25	BLISSYMBOL NUCLEAR RADIATION
038	26	BLISSYMBOL OR
039	27	BLISSYMBOL AGAINST
040	28	BLISSYMBOL PERSON
041	29	BLISSYMBOL COUPLE OF PERSONS
042	2A	BLISSYMBOL FIRST PERSON
043	2B	BLISSYMBOL SECOND PERSON
044	2C	BLISSYMBOL THIRD PERSON
045	2D	BLISSYMBOL SPOUSE
046	2E	BLISSYMBOL COHABITING FAMILY
047	2F	BLISSYMBOL PERSON NEEDY
048	30	BLISSYMBOL MUTUAL AID
049	31	BLISSYMBOL ADDITION
050	32	BLISSYMBOL POSSESS
051	33	BLISSYMBOL WITH THE HELP OF
052	34	BLISSYMBOL AND
053	35	BLISSYMBOL SMALL CROSS ON EARTHLINE *
054	36	BLISSYMBOL HAVE TO
055	37	BLISSYMBOL BELONGS TO
056	38	BLISSYMBOL CROSS
057	39	BLISSYMBOL ACROSS
058	3A	BLISSYMBOL MULTIPLICATION
059	3B	BLISSYMBOL SMALL DIAGONAL CROSS BELOW SKYLINE *
060	3C	BLISSYMBOL CHOICE
061	3D	BLISSYMBOL MORE
062	3E	BLISSYMBOL MUCH
063	3F	BLISSYMBOL WAR
064	40	BLISSYMBOL INDICATOR PLURAL
065	41	BLISSYMBOL INDICATOR-SIZED CROSS BELOW SKYLINE *
066	42	BLISSYMBOL WAND
067	43	BLISSYMBOL INDICATOR-SIZED CROSS ON MIDLINE *
068	44	BLISSYMBOL STAR
069	45	BLISSYMBOL MUSLIM
070	46	BLISSYMBOL INDICATOR-SIZED CROSS ON EARTHLINE *
071	47	BLISSYMBOL COMET
072	48	BLISSYMBOL KNIFE
073	49	BLISSYMBOL SHARP POINT
074	4A	BLISSYMBOL PLOUGH
075	4B	BLISSYMBOL CREATION
076	4C	BLISSYMBOL STAR OF DAVID
077	4D	BLISSYMBOL DANGER
078	4E	BLISSYMBOL PYRAMID
079	4F	BLISSYMBOL SMALL ISOSCELES TRIANGLE ON MIDLINE *
080	50	BLISSYMBOL ROCKET
081	51	BLISSYMBOL FEMALE
082	52	BLISSYMBOL TOOTH *
083	53	BLISSYMBOL TEETH
084	54	BLISSYMBOL CAVITY
085	55	BLISSYMBOL LARGE SYMMETRIC ACUTE ANGLE ABOVE SKYLINE *
086	56	BLISSYMBOL GOD
087	57	BLISSYMBOL ACTION
088	58	BLISSYMBOL LEGS AND FEET

































































































































Group 00

dec	hex	Name
089	59	BLISSYMBOL HIP
090	5A	BLISSYMBOL LEG
091	5B	BLISSYMBOL HEEL
092	5C	BLISSYMBOL FOOT
093	5D	BLISSYMBOL KICK
094	5E	BLISSYMBOL TOE
095	5F	BLISSYMBOL ROLLER SKATES
096	60	BLISSYMBOL ICE SKATES
097	61	BLISSYMBOL EVALUATION
098	62	BLISSYMBOL SMALL SYMMETRIC ACUTE ANGLE ON MIDLINE *
099	63	BLISSYMBOL WORK
100	64	BLISSYMBOL ACTION OR MALE
101	65	BLISSYMBOL GENDER
102	66	BLISSYMBOL INSECT
103	67	BLISSYMBOL INDICATOR ACTION
104	68	BLISSYMBOL INDICATOR ACTIVE
105	69	BLISSYMBOL INDICATOR DESCRIPTION
106	6A	BLISSYMBOL INDICATOR DESCRIPTION AFTER THE FACT
107	6B	BLISSYMBOL INDICATOR PAST PASSIVE
108	6C	BLISSYMBOL INDICATOR FUTURE PASSIVE
109	6D	BLISSYMBOL INDICATOR PASSIVE
110	6E	BLISSYMBOL INDICATOR PASSIVE CONDITIONAL
111	6F	BLISSYMBOL INDICATOR PAST PASSIVE CONDITIONAL
112	70	BLISSYMBOL INDICATOR FUTURE PASSIVE CONDITIONAL
113	71	BLISSYMBOL UP-POINTING LEFT HALF OF RIGHT TRIANGLE *
114	72	BLISSYMBOL ELECTRICITY
115	73	BLISSYMBOL POINTING
116	74	BLISSYMBOL HAND
117	75	BLISSYMBOL THUMB
118	76	BLISSYMBOL FINGER
119	77	BLISSYMBOL TOOL
120	78	BLISSYMBOL BARB POINTING UP *
121	79	BLISSYMBOL OPPOSITE
122	7A	BLISSYMBOL NOSE
123	7B	BLISSYMBOL ODOUR
124	7C	BLISSYMBOL EXTENDED HORIZONTAL LINE ON EARTHLINE *
125	7D	BLISSYMBOL ROAD
126	7E	BLISSYMBOL LONG HORIZONTAL LINE ON MIDLINE *
127	7F	BLISSYMBOL BUS

Plane 01

Row X2

TABLE XXX - Row x2: BLISSYMBOLS

	x28	x29	x2A	x2B	x2C	x2D	x2E	x2F
0	 128	 144	 160	 176	 192	 208	 224	 240
1	 129	 145	 161	 177	 193	 209	 225	 241
2	 130	 146	 162	 178	 194	 210	 226	 242
3	 131	 147	 163	 179	 195	 211	 227	 243
4	 132	 148	 164	 180	 196	 212	 228	 244
5	 133	 149	 165	 181	 197	 213	 229	 245
6	 134	 150	 166	 182	 198	 214	 230	 246
7	 135	 151	 167	 183	 199	 215	 231	 247
8	 136	 152	 168	 184	 200	 216	 232	 248
9	 137	 153	 169	 185	 201	 217	 233	 249
A	 138	 154	 170	 186	 202	 218	 234	 250
B	 139	 155	 171	 187	 203	 219	 235	 251
C	 140	 156	 172	 188	 204	 220	 236	 252
D	 141	 157	 173	 189	 205	 221	 237	 253
E	 142	 158	 174	 190	 206	 222	 238	 254
F	 143	 159	 176	 191	 207	 223	 239	 255



































































































G = 00
P = 01

TABLE XXX - Row x2: BLISSYMBOLS

dec	hex	Name
128	80	BLISSYMBOL LONG HORIZONTAL LINE ON EARTHLINE *
129	81	BLISSYMBOL WORM
130	82	BLISSYMBOL SKY
131	83	BLISSYMBOL FOG
132	84	BLISSYMBOL ENVIRONMENT
133	85	BLISSYMBOL PEACE
134	86	BLISSYMBOL DISTURBANCE
135	87	BLISSYMBOL WORLD
136	88	BLISSYMBOL BLISSYMBOL
137	89	BLISSYMBOL LIGHTNING
138	8A	BLISSYMBOL AIR
139	8B	BLISSYMBOL WIND
140	8C	BLISSYMBOL SUBTRACTION
141	8D	BLISSYMBOL VEHICLE
142	8E	BLISSYMBOL AUTOMOBILE
143	8F	BLISSYMBOL STEERING WHEEL
144	90	BLISSYMBOL FILL
145	91	BLISSYMBOL SAILBOAT
146	92	BLISSYMBOL UNDER
147	93	BLISSYMBOL WEIGHT
148	94	BLISSYMBOL ANIMAL
149	95	BLISSYMBOL PAW
150	96	BLISSYMBOL WATER ANIMAL
151	97	BLISSYMBOL HIPPOPOTAMUS
152	98	BLISSYMBOL CERVINE ANIMAL
153	99	BLISSYMBOL BOVINE ANIMAL
154	9A	BLISSYMBOL HORN OR ANTLER
155	9B	BLISSYMBOL FELINE ANIMAL
156	9C	BLISSYMBOL CLAW
157	9D	BLISSYMBOL GIRAFFE
158	9E	BLISSYMBOL HORSE
159	9F	BLISSYMBOL RHINOCEROS
160	A0	BLISSYMBOL HORN
161	A1	BLISSYMBOL HANGER
162	A2	BLISSYMBOL GROUND
163	A3	BLISSYMBOL PLACE
164	A4	BLISSYMBOL VEGETABLE BELOW GROUND
165	A5	BLISSYMBOL BULB
166	A6	BLISSYMBOL ONION
167	A7	BLISSYMBOL ROOTS
168	A8	BLISSYMBOL SEED
169	A9	BLISSYMBOL CARROT
170	AA	BLISSYMBOL GRAVE
171	AB	BLISSYMBOL SNAIL
172	AC	BLISSYMBOL LAWN
173	AD	BLISSYMBOL NIGHT
174	AE	BLISSYMBOL EVENING
175	AF	BLISSYMBOL SHORE
176	B0	BLISSYMBOL STREET
177	B1	BLISSYMBOL SKI
178	B2	BLISSYMBOL SKATEBOARD
179	B3	BLISSYMBOL SHORT HORIZONTAL LINE ON SKYLINE *
180	B4	BLISSYMBOL ADULT
181	B5	BLISSYMBOL TEENAGER
182	B6	BLISSYMBOL EYEBROW
183	B7	BLISSYMBOL LARGE
184	B8	BLISSYMBOL TEMPERATURE
185	B9	BLISSYMBOL MOST
186	BA	BLISSYMBOL HIGH
187	BB	BLISSYMBOL NAIL
188	BC	BLISSYMBOL SHOVEL
189	BD	BLISSYMBOL DIG
190	BE	BLISSYMBOL SHORT HORIZONTAL LINE BELOW SKYLINE *
191	BF	BLISSYMBOL SAME
192	C0	BLISSYMBOL DIFFERENT
193	C1	BLISSYMBOL NOT
194	C2	BLISSYMBOL NOWHERE
195	C3	BLISSYMBOL LOW
196	C4	BLISSYMBOL PIN
197	C5	BLISSYMBOL SMALL
198	C6	BLISSYMBOL LOVE
199	C7	BLISSYMBOL BUT
200	C8	BLISSYMBOL BREAK
201	C9	BLISSYMBOL SHORT HORIZONTAL LINE ON EARTHLINE *
202	CA	BLISSYMBOL ON
203	CB	BLISSYMBOL BRIDGE
204	CC	BLISSYMBOL HOLE
205	CD	BLISSYMBOL INDICATOR-SIZED HORIZONTAL LINE *
206	CE	BLISSYMBOL MAPLE LEAF
207	CF	BLISSYMBOL LINE
208	D0	BLISSYMBOL SCREW
209	D1	BLISSYMBOL AFTER
210	D2	BLISSYMBOL BETWEEN
211	D3	BLISSYMBOL ATTACH
212	D4	BLISSYMBOL PARALLEL
213	D5	BLISSYMBOL OTHER
214	D6	BLISSYMBOL COPY
215	D7	BLISSYMBOL THIN
216	D8	BLISSYMBOL LIMITS

dec	hex	Name
217	D9	BLISSYMBOL DEEP
218	DA	BLISSYMBOL THICK
219	DB	BLISSYMBOL WIDE
220	DC	BLISSYMBOL BROOM
221	DD	BLISSYMBOL PERPENDICULAR
222	DE	BLISSYMBOL BEGINNING
223	DF	BLISSYMBOL INTERVAL
224	E0	BLISSYMBOL MONTH
225	E1	BLISSYMBOL NEEDLE
226	E2	BLISSYMBOL HIGH THREE-QUARTER LENGTH VERTICAL LINE *
227	E3	BLISSYMBOL ACCOUNT
228	E4	BLISSYMBOL LOW THREE-QUARTER LENGTH VERTICAL LINE *
229	E5	BLISSYMBOL COMMANDMENTS
230	E6	BLISSYMBOL SMALL VERTICAL LINE BELOW SKYLINE *
231	E7	BLISSYMBOL CHAIR
232	E8	BLISSYMBOL TOILET
233	E9	BLISSYMBOL WHEELCHAIR
234	EA	BLISSYMBOL ARMCHAIR
235	EB	BLISSYMBOL BED
236	EC	BLISSYMBOL PILLOW
237	ED	BLISSYMBOL BOTTLE
238	EE	BLISSYMBOL WOMAN
239	EF	BLISSYMBOL LESBIAN COUPLE
240	F0	BLISSYMBOL FIRST PERSON FEMININE
241	F1	BLISSYMBOL SECOND PERSON FEMININE
242	F2	BLISSYMBOL THIRD PERSON FEMININE
243	F3	BLISSYMBOL COHABITING LESBIAN COUPLE
244	F4	BLISSYMBOL MAN
245	F5	BLISSYMBOL FIRST PERSON MASCULINE
246	F6	BLISSYMBOL SECOND PERSON MASCULINE
247	F7	BLISSYMBOL THIRD PERSON MASCULINE
248	F8	BLISSYMBOL CITIZEN
249	F9	BLISSYMBOL HUSBAND
250	FA	BLISSYMBOL COHABITING HETEROSEXUAL COUPLE
251	FB	BLISSYMBOL COHABITING HOMOSEXUAL COUPLE
252	FC	BLISSYMBOL STEPFATHER
253	FD	BLISSYMBOL MARRIED FAMILY
254	FE	BLISSYMBOL HETEROSEXUAL COUPLE
255	FF	BLISSYMBOL HOMOSEXUAL COUPLE

TABLE XXX - Row xx: BLISSYMBOLS

	130	131	132	133	134	135	136	137
0	 000	 016	 032	 048	 064	 080	1 096	 112
1	 001	 017	 033	 049	 065	 081	1 097	 113
2	 002	 018	 034	 050	 066	 082	2 098	 114
3	 003	 019	 035	 051	 067	 083	3 099	115
4	 004	 020	 036	 052	 068	 084	4 100	116
5	 005	 021	 037	 053	 069	 085	5 101	117
6	 006	 022	 038	 054	 070	 086	6 102	 118
7	 007	 023	 039	 055	 071	 087	7 103	119
8	 008	 024	 040	 056	 072	 088	8 104	120
9	 009	 025	 041	 057	 073	 089	9 105	121
A	 010	 026	 042	 058	 074	 090	% 106	122
B	 011	 027	 043	 059	 075	 091	¢ 107	123
C	 012	 028	 044	 060	 076	 092	\$ 108	124
D	 013	 029	 045	 061	 077	 093	£ 109	125
E	 014	 030	 046	 062	 078	abc 094	¥ 110	126
F	 015	 031	 047	 063	 079	o 095	€ 111	127

G = 00
P = 01

TABLE XXX - Row x3: BLISSYMBOLS

dec	hex	Name
000	00	BLISSYMBOL BOAT
001	01	BLISSYMBOL SACK
002	02	BLISSYMBOL CRAB
003	03	BLISSYMBOL PERSON KNEELING
004	04	BLISSYMBOL ANKLE
005	05	BLISSYMBOL KNEE
006	06	BLISSYMBOL MENORAH
007	07	BLISSYMBOL SMALL VERTICAL LINE ON MIDLINE *
008	08	BLISSYMBOL NEAR
009	09	BLISSYMBOL AT A DISTANCE
010	0A	BLISSYMBOL FAR
011	0B	BLISSYMBOL FROM
012	0C	BLISSYMBOL CAN CONTAINER
013	0D	BLISSYMBOL LENGTH
014	0E	BLISSYMBOL MEASUREMENT
015	0F	BLISSYMBOL INJECTION
016	10	BLISSYMBOL HYPODERMIC NEEDLE
017	11	BLISSYMBOL SHORT
018	12	BLISSYMBOL PEPPER
019	13	BLISSYMBOL IT
020	14	BLISSYMBOL UNTIL
021	15	BLISSYMBOL FLAG
022	16	BLISSYMBOL COUNTRY
023	17	BLISSYMBOL SAIL
024	18	BLISSYMBOL CROWN
025	19	BLISSYMBOL SHALLOW
026	1A	BLISSYMBOL FIGHT
027	1B	BLISSYMBOL SOFT
028	1C	BLISSYMBOL INDICATOR-SIZED VERTICAL LINE ON SKYLINE *
029	1D	BLISSYMBOL ETROG
030	1E	BLISSYMBOL MEGILLAH
031	1F	BLISSYMBOL TORAH
032	20	BLISSYMBOL LADDER
033	21	BLISSYMBOL INDICATOR-SIZED VERTICAL LINE ON MIDLINE *
034	22	BLISSYMBOL SPINNING TOP
035	23	BLISSYMBOL DIAGONAL OF VERTICAL RECTANGLE *
036	24	BLISSYMBOL HELP
037	25	BLISSYMBOL REVERSED DIAGONAL OF VERTICAL RECTANGLE *
038	26	BLISSYMBOL SPORT STICK
039	27	BLISSYMBOL HOCKEY STICK
040	28	BLISSYMBOL GOLF CLUB
041	29	BLISSYMBOL SHORT REVERSED DIAGONAL OF VERTICAL RECTANGLE *
042	2A	BLISSYMBOL BUCKET
043	2B	BLISSYMBOL DIAGONAL OF HORIZONTAL RECTANGLE *
044	2C	BLISSYMBOL HELICOPTER
045	2D	BLISSYMBOL SEESAW
046	2E	BLISSYMBOL REVERSED DIAGONAL OF HORIZONTAL RECTANGLE *
047	2F	BLISSYMBOL ELECTROMAGNETIC RADIATION
048	30	BLISSYMBOL ENERGY
049	31	BLISSYMBOL FUEL
050	32	BLISSYMBOL MICROWAVE OVEN
051	33	BLISSYMBOL POWER
052	34	BLISSYMBOL EXTENDED DIAGONAL OF SQUARE *
053	35	BLISSYMBOL SAW
054	36	BLISSYMBOL DIAGONAL OF SQUARE ON SKYLINE *
055	37	BLISSYMBOL TANK
056	38	BLISSYMBOL DESTROY
057	39	BLISSYMBOL ANGLE
058	3A	BLISSYMBOL CANNON
059	3B	BLISSYMBOL CHEMICAL PRODUCT
060	3C	BLISSYMBOL THREE-QUARTER SIZED DIAGONAL OF SQUARE *
061	3D	BLISSYMBOL SMALL DIAGONAL OF SQUARE *
062	3E	BLISSYMBOL FORK
063	3F	BLISSYMBOL HAMMER
064	40	BLISSYMBOL THE
065	41	BLISSYMBOL THIS
066	42	BLISSYMBOL SMALL DIAGONAL OF SQUARE ABOVE EARTHLINE *
067	43	BLISSYMBOL SPOON
068	44	BLISSYMBOL RACQUET
069	45	BLISSYMBOL PEN
070	46	BLISSYMBOL REVERSED SMALL DIAGONAL OF SQUARE *
071	47	BLISSYMBOL COUCH
072	48	BLISSYMBOL PITCHER
073	49	BLISSYMBOL WAGON
074	4A	BLISSYMBOL HEDGEHOG
075	4B	BLISSYMBOL QUILL
076	4C	BLISSYMBOL A OR ANY
077	4D	BLISSYMBOL SOMEWHERE
078	4E	BLISSYMBOL REVERSED SMALL DIAGONAL OF SQUARE ABOVE EARTHLINE *
079	4F	BLISSYMBOL SOUP
080	50	BLISSYMBOL SALAD
081	51	BLISSYMBOL DISH
082	52	BLISSYMBOL CEREAL
083	53	BLISSYMBOL APOSTROPHE ON MIDLINE *
084	54	BLISSYMBOL RELATIVIZER
085	55	BLISSYMBOL WHAT
086	56	BLISSYMBOL WHERE
087	57	BLISSYMBOL COMMAND
088	58	BLISSYMBOL FULL STOP

dec	hex	Name
089	59	BLISSYMBOL COMMA
090	5A	BLISSYMBOL COLON
091	5B	BLISSYMBOL SEMICOLON
092	5C	BLISSYMBOL QUESTION MARK
093	5D	BLISSYMBOL EXCLAMATION MARK
094	5E	BLISSYMBOL ALPHABET
095	5F	BLISSYMBOL ZERO
096	60	BLISSYMBOL ONE
097	61	BLISSYMBOL SELF
098	62	BLISSYMBOL TWO
099	63	BLISSYMBOL THREE
100	64	BLISSYMBOL FOUR
101	65	BLISSYMBOL FIVE
102	66	BLISSYMBOL SIX
103	67	BLISSYMBOL SEVEN
104	68	BLISSYMBOL EIGHT
105	69	BLISSYMBOL NINE
106	6A	BLISSYMBOL PERCENT SIGN
107	6B	BLISSYMBOL CENT SIGN
108	6C	BLISSYMBOL DOLLAR SIGN
109	6D	BLISSYMBOL POUND SIGN
110	6E	BLISSYMBOL YEN SIGN
111	6F	BLISSYMBOL EURO SIGN
112	70	BLISSYMBOL INDICATOR CONDITIONAL
113	71	BLISSYMBOL INDICATOR PAST CONDITIONAL
114	72	BLISSYMBOL INDICATOR FUTURE CONDITIONAL
115	73	BLISSYMBOL SPACE
116	74	BLISSYMBOL HALF SPACE
117	75	BLISSYMBOL QUARTER SPACE
118	76	BLISSYMBOL DIFFICULT
119	77	(This position shall not be used)
120	78	(This position shall not be used)
121	79	(This position shall not be used)
122	7A	(This position shall not be used)
123	7B	(This position shall not be used)
124	7C	(This position shall not be used)
125	7D	(This position shall not be used)
126	7E	(This position shall not be used)
127	7F	(This position shall not be used)