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**Information technology — Universal Multiple-Octet
Coded Character Set (UCS) —**

Part 2:

Supplementary Planes

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields or technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

International Standards are drafted in accordance with the rules given on the ISO/IEC Directives, Part 3.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC1. Draft international Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

Attention is drawn to the possibility that some of the element of this part of ISO/IEC 10646 may be the subject of patent rights, ISO and IEC shall not be held responsible for identifying any or all such patent rights.

International Standards ISO/IEC 10646-1 and 10646-2 were prepared by Joint Technical Committee ISO/IEC JTC1, *Information technology*, Sub-Committee SC 2, *Character sets and information coding*.

ISO/IEC 10646 consists of the following parts, under the general title *Information technology - Universal Multiple-Octet Coded Character Set (UCS)*:

- *Part 1: Architecture and Basic Multilingual Plane*
- *Part 2: Supplementary Planes*

Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 2: Supplementary Planes

1 Scope

ISO/IEC 10646 specifies the Universal Multiple-Octet Coded Character Set (UCS). It is applicable to the representation, transmission, interchange, processing, storage, input and presentation of the written form of the languages of the world as well as additional symbols.

ISO/IEC 10646 Part 1 specifies the overall architecture and the Basic Multilingual Plane (BMP) of the UCS.

ISO/IEC 10646 Part 2 specifies Supplementary Planes as follows:

- the Supplementary Multilingual Plane for scripts and symbols (SMP) of the UCS and defines a set of graphic characters used in scripts not covered by the Supplementary Plane for CJK Ideographs (SIP) and the BMP;
- the Supplementary Ideographic Plane (SIP) of the UCS and defines a set of graphic characters that are used in East Asia. These are defined as CJK ideographs (East Asian ideographs);
- the Supplementary Special-purpose Plane (SSP) and defines a set of special purpose use graphic characters;
- the names for graphic characters of these planes, and the coded representation using the four-octet (32-bit) canonical form of the UCS.

Graphic characters that are already encoded in the Part 1 are not duplicated in these Supplementary Planes. In addition, any character is assigned to only one code position within the set of Supplementary Planes specified in this Part.

NOTE – The Unicode Standard provides a set of characters, names, and coded representations that are identical with those in this Part of this International Standard. It additionally provides details of character properties, processing algorithms, and definitions that are useful to implementers.

Editor's Note: The specific version of the Unicode Standard will be provided in the final version.

2 Conformance

Conformance to this part of ISO/IEC 10646 is as specified in clause 2 of ISO/IEC 10646-1:2000.

3 Normative references

The following normative document contains provisions that, through reference in this text, constitute provisions of this part of ISO/IEC 10646. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 10646 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO/IEC 10646-1:2000, Information technology – Universal Multiple-Octet Coded Character Set (UCS) – Part 1: Architecture and Basic Multilingual Plane.

Part 1 and ISO/IEC 10646-1 both refer to ISO/IEC 10646-1:2000 in the context of this part. This includes all references to clauses from Part 1.

4 Definitions

In addition to the definitions specified in ISO/IEC 10646-1:2000, the following definitions apply to this part of ISO/IEC 10646:

4.1 Supplementary Multilingual Plane for scripts and symbols (SMP)

Plane 01 of Group 00.

4.2 Supplementary Ideographic Plane (SIP)

Plane 02 of Group 00.

4.3 Supplementary Special-purpose Plane (SSP)

Plane 0E of Group 00.

5 Coding of characters

According to clause 6.2 of ISO/IEC 10646-1, in the canonical form of the coded character set, each character within the entire coded character set is represented by a sequence of four octets, each represented by two hexadecimal digits.

When referring to characters within planes 01, 02 and 0E, an abbreviated form may be used. In this notation, the leading hexadecimal three digits may be omitted. For example, the five-digit value 11100 corresponds to the canonical form 0001 1100 and the corresponding coded character is part of plane 01.

A UCS Transformation Format (UTF-16) is specified in Annex C of ISO/IEC 10646-1 that can be used to represent characters from all planes specified in this part.

NOTE - The following table provides the mapping between UCS-4 values expressed in 5 digits format and the pair of high-half zone value and low-half zone value.

Plane ranges	High-half and low-half zone values
10000-1FFFF	D800:DC00-D83F:DFFF
20000-2FFFF	D840:DC00-D87F:DFFF
E0000-EFFFF	DB80:DC00-DBBF:DFFF

A UCS Transformation Format (UTF-8) is also specified in Annex C of ISO/IEC 10646-1. In that transformation, the UCS-4 representation of characters specified in this part shall be used as the source for the mapping. Using the high-half zone value and low-half zone values as source for the mapping is undefined.

UCS-2 cannot be used to access any characters on the Supplementary Planes.

Code positions 1FFFE, 1FFFF, 2FFFE, 2FFFF, EFFFE and EFFFF are permanently reserved.

NOTE – These code positions can be used for internal processing uses requiring a numeric value that is guaranteed not to be a coded character.

6 Supplementary Multilingual Plane for scripts and symbols

The Plane 01 of Group 00 is the Supplementary Multilingual Plane for scripts and symbols (SMP).

As another plane is reserved for additional CJK Ideographs, the SMP is not used to encode any CJK Ideographs. The SMP is scheduled to contain coded graphic characters used in other scripts of the world that are not encoded or not already scheduled for encoding in the BMP. Most, but not all, of the scripts encoded or scheduled for encoding in the SMP are not in use as living scripts by modern user communities.

NOTE - The following subdivision of the SMP has been proposed:

- Alphabetic scripts,
- Hieroglyphic, ideographic and syllabaries,
- Non CJK ideographic scripts,
- Newly invented scripts,
- Symbol sets.

An overview of the Secondary Multilingual Plane for scripts and symbols is shown in figure 1.

Row-octet

00		
...		
03	Old Italic	Gothic
04	Deseret	
...		
D0	Byzantine Musical Symbols	
D1	Western Musical Symbols	
...		
D4	Mathematical Alphanumeric Symbols	
...		
D7		
...		
FF		

= reserved for future standardization
NOTE - Vertical boundaries within rows are indicated in approximate positions only.

Figure 1 – Overview of the Secondary Multilingual Plane for scripts and symbols

NOTE - The Old Italic block represents a unified script that covers the Etruscan, Oscan, Umbrian, Faliscan, North Picene, and South Picene alphabets. Some of these alphabets can be written with characters oriented in either left-to-right or right-to-left direction. The glyphs in the code table are shown with left to right orientation.

7 Supplementary Ideographic Plane

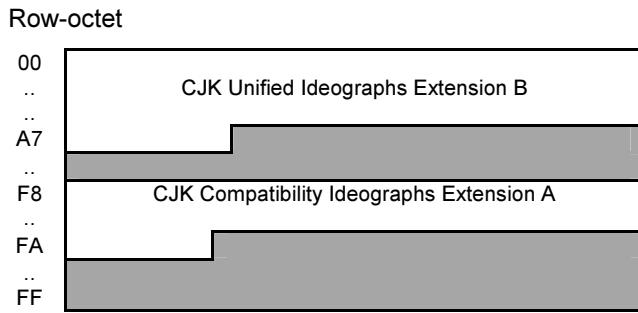
7.1 Plane structure

The Plane 02 of Group 00 is the Supplementary Ideographic Plane (SIP).

The SIP is used for CJK unified ideographs (unified East Asian ideographs) that are not encoded in the BMP. The procedure for the unification and arrangement of the SIP CJK unified Ideographs is described in clause 7.2.

The SIP is also used for compatibility CJK ideographs. These ideographs are compatibility characters as specified in clause 4.13 of ISO/IEC 10646-1.

The following figure 2 shows an overview of the Supplementary Ideographic Plane.



[Reserved] = reserved for future standardization
 NOTE - Vertical boundaries within rows are indicated in approximate positions only.

Figure 2 – Overview of the Supplementary Ideographic Plane

7.2 CJK Unified Ideographs Extension B

Unlike the CJK Unified Ideographs specified in ISO/IEC 10646-1 that have G, T, J, K and V entries with respective source information, the following code charts contain a single entry for each character without source information. The source references for these characters are provided in the normative Annex C.

The Hanzi G sources are:

- G_KX Kangxi Dictionary ideographs (康熙字典) including the addendum (康熙字典)補遺 not already encoded in the BMP.
- G_HZ Han Yu Da Zi Dian ideographs (漢語大字典) not already encoded in the BMP.
- G_CY Ci Yuan (辭源)
- G_CH Ci Hai (辭海)
- G_HC Hanyu Da Cidian (漢語大詞典)
- G_BK Chinese Encyclopedia (中國大百科全書)
- G_FZ Founder Press System (方正排版系統)
- G_4K Siku Quanshu (四庫全書)

The Hanzi H source is:

- H Hong Kong Supplementary Character Set

The Hanzi T sources are:

- T4 TCA-CNS 11643-1992 4th plane
- T5 TCA-CNS 11643-1992 5th plane

- T6 TCA-CNS 11643-1992 6th plane
- T7 TCA-CNS 11643-1992 7th plane
- TF TCA-CNS 11643-1992 15th plane

The Kanji J sources are:

- J3 JIS X 213:2000 level-3
- J4 JIS X 213:2000 level-4

The Hanja K source is:

- K4 PKS 5700-3:1998

The ChuNom V sources are:

- V0 TCVN 5773:1993
- V2 VHN 01:1998
- V3 VHN 02:1998

For CJK Unified Ideographs in this plane, the names are algorithmically constructed by appending their five-octet coded representation in hexadecimal notation to “CJK UNIFIED IDEOGRAPH-“. For example, the first CJK Unified Ideograph character in this plane has the name “CJK UNIFIED IDEOGRAPH-20000”.

The procedures that were used to derive the unified ideographs from the source character set standards, and the rule for their arrangement in the code tables in the following tables, are described in annex S of ISO/IEC 10646-1.

NOTE – As stated by the clause S.1.6 of that annex, the source separation rule described by that clause does not apply to this plane.

7.3 CJK Compatibility Ideographs Supplement

The source for these CJK compatibility ideographs is TCA-CNS 11643 (3rd, 4th, 5th, 6th, 7th and 15th planes).

NOTE - Compatibility characters are included in ISO/IEC 10646 primarily for compatibility with existing coded character sets to allow two-way code conversion without loss of information.

For CJK Compatibility Ideographs in this plane, the names are algorithmically constructed by appending their five-octet coded representation in hexadecimal notation to “CJK COMPATIBILITY IDEOGRAPH-“. For example, the first CJK Compatibility Ideograph character in this plane has the name “CJK COMPATIBILITY IDEOGRAPH-2F800”.

8 Supplementary Special-purpose Plane

8.1 Plane structure

The Plane 0E of Group 0 is the Supplementary Special-purpose Plane (SSP).

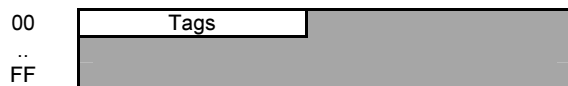
The SSP is used for special purpose use graphic characters. Code positions from E0000 to E0FFF are reserved for Alternate Format Characters. That special class of character is specified in clause 20 of ISO/IEC 10646-1.

NOTE - Some of these characters do not have a visual representation and do not have printable graphic symbols. The Tag Characters are example of such characters.

An overview of the Supplementary Special-purpose Plane is shown in figure 3.

NOTE - Unassigned code points in this range should be ignored in normal processing and display.

Row-octet



 = reserved for future standardization

NOTE - Vertical boundaries within rows are indicated in approximate positions only.

Figure 3 – Overview of the Special Purpose Plane

8.2 Tags block

The characters specified in the TAGS block do not have printable graphic symbols. This is indicated in the code table by their representation as letters over a tag icon surrounded by a dashed box. The functionality of these characters is not specified by this international standard.

NOTE - However the intended use of these characters is described in annex E.

9 Special characters

This part of ISO/IEC 10646 specifies some characters that do not have printable graphic symbols. These are all Alternate Format Characters as specified in clause 20 of ISO/IEC 10646-1. In addition to the characters specified in the TAGS block they are:

<u>Code</u>	<u>Name</u>
1D159	MUSICAL SYMBOL NULL NOTEHEAD
1D173	MUSICAL SYMBOL BEGIN BEAM
1D174	MUSICAL SYMBOL END BEAM
1D175	MUSICAL SYMBOL BEGIN TIE
1D176	MUSICAL SYMBOL END TIE
1D177	MUSICAL SYMBOL BEGIN SLUR
1D178	MUSICAL SYMBOL END SLUR
1D179	MUSICAL SYMBOL BEGIN PHRASE

1D17A MUSICAL SYMBOL END PHRASE

NOTE – Annex E describes the usage of the Tag characters. Annex F describes the usage of the Musical special characters.

10 Code tables and lists of character names

Detailed code tables and lists of character names for the Supplementary Planes are shown on the following pages.

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Table 1 - Row 103: Old Italic

	1030	1031	1032
0	𐌱 10300	𐌲 10310	𐌳 10320
1	𐌴 10301	𐌵 10311	𐌶 10321
2	𐌷 10302	𐌸 10312	𐌹 10322
3	𐌺 10303	𐌻 10313	𐌼 10323
4	𐌽 10304	𐌾 10314	
5	𐌿 10305	𐍀 10315	
6	𐍁 10306	𐍂 10316	
7	𐍃 10307	𐍄 10317	
8	𐍅 10308	𐍆 10318	
9	𐍇 10309	𐍈 10319	
A	𐍉 1030A	𐍊 1031A	
B	𐍋 1030B	𐍌 1031B	
C	𐍍 1030C	𐍎 1031C	
D	𐍏 1030D	𐍐 1031D	
E	𐍑 1030E	𐍒 1031E	
F	𐍓 1030F		

G = 00
P = 01

Table 1 - Row 103: Old Italic

HEX	NAME	HEX	NAME
10300	OLD ITALIC LETTER A		
10301	OLD ITALIC LETTER BE		
10302	OLD ITALIC LETTER KE		
10303	OLD ITALIC LETTER DE		
10304	OLD ITALIC LETTER E		
10305	OLD ITALIC LETTER VE		
10306	OLD ITALIC LETTER ZE		
10307	OLD ITALIC LETTER HE		
10308	OLD ITALIC LETTER THE		
10309	OLD ITALIC LETTER I		
1030A	OLD ITALIC LETTER KA		
1030B	OLD ITALIC LETTER EL		
1030C	OLD ITALIC LETTER EM		
1030D	OLD ITALIC LETTER EN		
1030E	OLD ITALIC LETTER ESH		
1030F	OLD ITALIC LETTER O (Faliscan)		
10310	OLD ITALIC LETTER PE		
10311	OLD ITALIC LETTER SHE		
10312	OLD ITALIC LETTER KU		
10313	OLD ITALIC LETTER ER		
10314	OLD ITALIC LETTER ES		
10315	OLD ITALIC LETTER TE		
10316	OLD ITALIC LETTER U		
10317	OLD ITALIC LETTER EKS (Faliscan)		
10318	OLD ITALIC LETTER PHE		
10319	OLD ITALIC LETTER KHE		
1031A	OLD ITALIC LETTER EF		
1031B	OLD ITALIC LETTER ERS (Umbrian)		
1031C	OLD ITALIC LETTER CHE (Umbrian)		
1031D	OLD ITALIC LETTER II (Oscan)		
1031E	OLD ITALIC LETTER UU (Oscan)		
1031F	(This position shall not be used)		
10320	OLD ITALIC NUMERAL ONE		
10321	OLD ITALIC NUMERAL FIVE		
10322	OLD ITALIC NUMERAL TEN		
10323	OLD ITALIC NUMERAL FIFTY		
10324	(This position shall not be used)		
10325	(This position shall not be used)		
10326	(This position shall not be used)		
10327	(This position shall not be used)		
10328	(This position shall not be used)		
10329	(This position shall not be used)		
1032A	(This position shall not be used)		
1032B	(This position shall not be used)		
1032C	(This position shall not be used)		
1032D	(This position shall not be used)		
1032E	(This position shall not be used)		
1032F	(This position shall not be used)		

Group 00

Plane 01

Row 03

Table 2 - Row 103: Gothic

	1033	1034
0	À 10330	Π 10340
1	Β 10331	Ϛ 10341
2	Γ 10332	Ϛ 10342
3	Δ 10333	Σ 10343
4	Ε 10334	Τ 10344
5	Υ 10335	Υ 10345
6	Ζ 10336	ƒ 10346
7	Η 10337	Χ 10347
8	Ψ 10338	Θ 10348
9	Ι 10339	Ω 10349
A	Ɔ 1033A	↑ 1034A
B	Λ 1033B	
C	Μ 1033C	
D	Ν 1033D	
E	Ϛ 1033E	
F	Π 1033F	

G = 00
P = 01

Table 2 - Row 103: Gothic

HEX	NAME	HEX	NAME
10330	GOTHIC LETTER AHSÁ		
10331	GOTHIC LETTER BAIRKAN		
10332	GOTHIC LETTER GIBA		
10333	GOTHIC LETTER DAGS		
10334	GOTHIC LETTER AIHVUS		
10335	GOTHIC LETTER QAIRTHRA		
10336	GOTHIC LETTER IUJA		
10337	GOTHIC LETTER HAGL		
10338	GOTHIC LETTER THIUÞ		
10339	GOTHIC LETTER EIS		
1033A	GOTHIC LETTER KUSMA		
1033B	GOTHIC LETTER LAGUS		
1033C	GOTHIC LETTER MANNA		
1033D	GOTHIC LETTER NAUÞS		
1033E	GOTHIC LETTER JER		
1033F	GOTHIC LETTER URUS		
10340	GOTHIC LETTER PAIRÞRA		
10341	GOTHIC LETTER NINETY		
10342	GOTHIC LETTER RAIDA		
10343	GOTHIC LETTER SAUILL		
10344	GOTHIC LETTER TEIWS		
10345	GOTHIC LETTER WINJA		
10346	GOTHIC LETTER FAIHU		
10347	GOTHIC LETTER IGGWS		
10348	GOTHIC LETTER HWAIR		
10349	GOTHIC LETTER OÞAL		
1034A	GOTHIC LETTER NINE HUNDRED		
1034B	(This position shall not be used)		
1034C	(This position shall not be used)		
1034D	(This position shall not be used)		
1034E	(This position shall not be used)		
1034F	(This position shall not be used)		

Group 00

Plane 01

Row 03

Table 3 - Row 104: Deseret

	1040	1041	1042	1043	1044
0	𐌆 10400	𐌇 10410	𐌈 10420	𐌉 10430	𐌊 10440
1	𐌋 10401	𐌌 10411	𐌍 10421	𐌎 10431	𐌏 10441
2	𐌐 10402	𐌑 10412	𐌒 10422	𐌓 10432	𐌔 10442
3	𐌕 10403	𐌖 10413	𐌗 10423	𐌘 10433	𐌙 10443
4	𐌚 10404	𐌛 10414	𐌜 10424	𐌝 10434	𐌞 10444
5	𐌟 10405	𐌠 10415	𐌡 10425	𐌢 10435	𐌣 10445
6	𐌥 10406	𐌦 10416		𐌨 10436	𐌩 10446
7	𐌪 10407	𐌫 10417		𐌭 10437	𐌮 10447
8	𐌰 10408	𐌱 10418	𐌲 10428	𐌳 10438	𐌴 10448
9	𐌷 10409	𐌸 10419	𐌹 10429	𐌺 10439	𐌻 10449
A	𐌽 1040A	𐌾 1041A	𐌿 1042A	𐍀 1043A	𐍁 1044A
B	𐍃 1040B	𐍄 1041B	𐍅 1042B	𐍆 1043B	𐍇 1044B
C	𐍊 1040C	𐍋 1041C	𐍌 1042C	𐍍 1043C	𐍎 1044C
D	𐍐 1040D	𐍑 1041D	𐍒 1042D	𐍓 1043D	𐍔 1044D
E	𐍘 1040E	𐍙 1041E	𐍚 1042E	𐍛 1043E	
F	𐍝 1040F	𐍞 1041F	𐍟 1042F	𐍠 1043F	

G = 00
P = 01

Table 3 - Row 104: Deseret

HEX	NAME	HEX	NAME
10400	DESERET CAPITAL LETTER LONG I		
10401	DESERET CAPITAL LETTER LONG E		
10402	DESERET CAPITAL LETTER LONG A		
10403	DESERET CAPITAL LETTER LONG AH		
10404	DESERET CAPITAL LETTER LONG O		
10405	DESERET CAPITAL LETTER LONG OO		
10406	DESERET CAPITAL LETTER SHORT I		
10407	DESERET CAPITAL LETTER SHORT E		
10408	DESERET CAPITAL LETTER SHORT A		
10409	DESERET CAPITAL LETTER SHORT AH		
1040A	DESERET CAPITAL LETTER SHORT O		
1040B	DESERET CAPITAL LETTER SHORT OO		
1040C	DESERET CAPITAL LETTER AY		
1040D	DESERET CAPITAL LETTER OW		
1040E	DESERET CAPITAL LETTER WU		
1040F	DESERET CAPITAL LETTER YEE		
10410	DESERET CAPITAL LETTER H		
10411	DESERET CAPITAL LETTER PEE		
10412	DESERET CAPITAL LETTER BEE		
10413	DESERET CAPITAL LETTER TEE		
10414	DESERET CAPITAL LETTER DEE		
10415	DESERET CAPITAL LETTER CHEE		
10416	DESERET CAPITAL LETTER JEE		
10417	DESERET CAPITAL LETTER KAY		
10418	DESERET CAPITAL LETTER GAY		
10419	DESERET CAPITAL LETTER EF		
1041A	DESERET CAPITAL LETTER VEE		
1041B	DESERET CAPITAL LETTER ETH		
1041C	DESERET CAPITAL LETTER THEE		
1041D	DESERET CAPITAL LETTER ES		
1041E	DESERET CAPITAL LETTER ZEE		
1041F	DESERET CAPITAL LETTER ESH		
10420	DESERET CAPITAL LETTER ZHEE		
10421	DESERET CAPITAL LETTER ER		
10422	DESERET CAPITAL LETTER EL		
10423	DESERET CAPITAL LETTER EM		
10424	DESERET CAPITAL LETTER EN		
10425	DESERET CAPITAL LETTER ENG		
10426	(This position shall not be used)		
10427	(This position shall not be used)		
10428	DESERET SMALL LETTER LONG I		
10429	DESERET SMALL LETTER LONG E		
1042A	DESERET SMALL LETTER LONG A		
1042B	DESERET SMALL LETTER LONG AH		
1042C	DESERET SMALL LETTER LONG O		
1042D	DESERET SMALL LETTER LONG OO		
1042E	DESERET SMALL LETTER SHORT I		
1042F	DESERET SMALL LETTER SHORT E		
10430	DESERET SMALL LETTER SHORT A		
10431	DESERET SMALL LETTER SHORT AH		
10432	DESERET SMALL LETTER SHORT O		
10433	DESERET SMALL LETTER SHORT OO		
10434	DESERET SMALL LETTER AY		
10435	DESERET SMALL LETTER OW		
10436	DESERET SMALL LETTER WU		
10437	DESERET SMALL LETTER YEE		
10438	DESERET SMALL LETTER H		
10439	DESERET SMALL LETTER PEE		
1043A	DESERET SMALL LETTER BEE		
1043B	DESERET SMALL LETTER TEE		
1043C	DESERET SMALL LETTER DEE		
1043D	DESERET SMALL LETTER CHEE		
1043E	DESERET SMALL LETTER JEE		
1043F	DESERET SMALL LETTER KAY		
10440	DESERET SMALL LETTER GAY		
10441	DESERET SMALL LETTER EF		
10442	DESERET SMALL LETTER VEE		
10443	DESERET SMALL LETTER ETH		
10444	DESERET SMALL LETTER THEE		
10445	DESERET SMALL LETTER ES		
10446	DESERET SMALL LETTER ZEE		
10447	DESERET SMALL LETTER ESH		
10448	DESERET SMALL LETTER ZHEE		
10449	DESERET SMALL LETTER ER		
1044A	DESERET SMALL LETTER EL		
1044B	DESERET SMALL LETTER EM		
1044C	DESERET SMALL LETTER EN		
1044D	DESERET SMALL LETTER ENG		
1044E	(This position shall not be used)		
1044F	(This position shall not be used)		

































































































































Group 00

Plane 01

Row 04

Table 4 - Row 1D0: Byzantine Musical Symbols

1D00 1D01 1D02 1D03 1D04 1D05 1D06 1D07

0								
	1D000	1D010	1D020	1D030	1D040	1D050	1D060	1D070
1								
	1D001	1D011	1D021	1D031	1D041	1D051	1D061	1D071
2								
	1D002	1D012	1D022	1D032	1D042	1D052	1D062	1D072
3								
	1D003	1D013	1D023	1D033	1D043	1D053	1D063	1D073
4								
	1D004	1D014	1D024	1D034	1D044	1D054	1D064	1D074
5								
	1D005	1D015	1D025	1D035	1D045	1D055	1D065	1D075
6								
	1D006	1D016	1D026	1D036	1D046	1D056	1D066	1D076
7								
	1D007	1D017	1D027	1D037	1D047	1D057	1D067	1D077
8								
	1D008	1D018	1D028	1D038	1D048	1D058	1D068	1D078
9								
	1D009	1D019	1D029	1D039	1D049	1D059	1D069	1D079
A								
	1D00A	1D01A	1D02A	1D03A	1D04A	1D05A	1D06A	1D07A
B								
	1D00B	1D01B	1D02B	1D03B	1D04B	1D05B	1D06B	1D07B
C								
	1D00C	1D01C	1D02C	1D03C	1D04C	1D05C	1D06C	1D07C
D								
	1D00D	1D01D	1D02D	1D03D	1D04D	1D05D	1D06D	1D07D
E								
	1D00E	1D01E	1D02E	1D03E	1D04E	1D05E	1D06E	1D07E
F								
	1D00F	1D01F	1D02F	1D03F	1D04F	1D05F	1D06F	1D07F

G = 00
P = 01

Table 4 - Row 1D0: Byzantine Musical Symbols

HEX	NAME	HEX	NAME
1D000	BYZANTINE MUSICAL SYMBOL PSILI	1D05B	BYZANTINE MUSICAL SYMBOL OMALON
1D001	BYZANTINE MUSICAL SYMBOL DASEIA	1D05C	BYZANTINE MUSICAL SYMBOL ANTIKENOMA
1D002	BYZANTINE MUSICAL SYMBOL PERISPOMENI	1D05D	BYZANTINE MUSICAL SYMBOL LYGISMA
1D003	BYZANTINE MUSICAL SYMBOL OXEIA EK FONITIKON	1D05E	BYZANTINE MUSICAL SYMBOL PARAKLITIKI LATE
1D004	BYZANTINE MUSICAL SYMBOL OXEIA DIPLI	1D05F	BYZANTINE MUSICAL SYMBOL PARAKALESMA LATE
1D005	BYZANTINE MUSICAL SYMBOL VAREIA EK FONITIKON	1D060	BYZANTINE MUSICAL SYMBOL ETERON PARAKALESMA
1D006	BYZANTINE MUSICAL SYMBOL VAREIA DIPLI	1D061	BYZANTINE MUSICAL SYMBOL KYLISMA
1D007	BYZANTINE MUSICAL SYMBOL KATHISTI	1D062	BYZANTINE MUSICAL SYMBOL ANTIKENOKYLISMA
1D008	BYZANTINE MUSICAL SYMBOL SYRMATIKI	1D063	BYZANTINE MUSICAL SYMBOL TROMIKON LATE
1D009	BYZANTINE MUSICAL SYMBOL PARAKLITIKI	1D064	BYZANTINE MUSICAL SYMBOL EKSTREPTON
1D00A	BYZANTINE MUSICAL SYMBOL YPOKRISIS	1D065	BYZANTINE MUSICAL SYMBOL SYNAGMA LATE
1D00B	BYZANTINE MUSICAL SYMBOL YPOKRISIS DIPLI	1D066	BYZANTINE MUSICAL SYMBOL SYRMA
1D00C	BYZANTINE MUSICAL SYMBOL KREMASTI	1D067	BYZANTINE MUSICAL SYMBOL CHOREVMA LATE
1D00D	BYZANTINE MUSICAL SYMBOL APESO EK FONITIKON	1D068	BYZANTINE MUSICAL SYMBOL EPEGERMA
1D00E	BYZANTINE MUSICAL SYMBOL EXO EK FONITIKON	1D069	BYZANTINE MUSICAL SYMBOL SEISMA LATE
1D00F	BYZANTINE MUSICAL SYMBOL TELEIA	1D06A	BYZANTINE MUSICAL SYMBOL XIRON KLASMA
1D010	BYZANTINE MUSICAL SYMBOL KENTIMATA	1D06B	BYZANTINE MUSICAL SYMBOL TROMIKOPSIFISTON
1D011	BYZANTINE MUSICAL SYMBOL APOSTROFOS	1D06C	BYZANTINE MUSICAL SYMBOL PSIFISTOLYGISMA
1D012	BYZANTINE MUSICAL SYMBOL APOSTROFOS DIPLI	1D06D	BYZANTINE MUSICAL SYMBOL TROMIKOLYGISMA
1D013	BYZANTINE MUSICAL SYMBOL SYNEVMA	1D06E	BYZANTINE MUSICAL SYMBOL TROMIKOPARAKALESMA
1D014	BYZANTINE MUSICAL SYMBOL THITA	1D06F	BYZANTINE MUSICAL SYMBOL PSIFISTOPARAKALESMA
1D015	BYZANTINE MUSICAL SYMBOL OLIGON ARCHAIC	1D070	BYZANTINE MUSICAL SYMBOL TROMIKOSYNAGMA
1D016	BYZANTINE MUSICAL SYMBOL GORGON ARCHAIC	1D071	BYZANTINE MUSICAL SYMBOL PSIFISTOSYNAGMA
1D017	BYZANTINE MUSICAL SYMBOL PSILON	1D072	BYZANTINE MUSICAL SYMBOL GORGOSYNTHETON
1D018	BYZANTINE MUSICAL SYMBOL CHAMILON	1D073	BYZANTINE MUSICAL SYMBOL ARGOSYNTHETON
1D019	BYZANTINE MUSICAL SYMBOL VATHY	1D074	BYZANTINE MUSICAL SYMBOL ETERON ARGOSYNTHETON
1D01A	BYZANTINE MUSICAL SYMBOL ISON ARCHAIC	1D075	BYZANTINE MUSICAL SYMBOL OYRANISMA LATE
1D01B	BYZANTINE MUSICAL SYMBOL KENTIMA ARCHAIC	1D076	BYZANTINE MUSICAL SYMBOL THEMATISMOS ESO
1D01C	BYZANTINE MUSICAL SYMBOL KENTIMATA ARCHAIC	1D077	BYZANTINE MUSICAL SYMBOL THEMATISMOS EXO
1D01D	BYZANTINE MUSICAL SYMBOL SAXIMATA	1D078	BYZANTINE MUSICAL SYMBOL THEMA APLOUN
1D01E	BYZANTINE MUSICAL SYMBOL PARICHON	1D079	BYZANTINE MUSICAL SYMBOL THES KAI APOTHES
1D01F	BYZANTINE MUSICAL SYMBOL STAVROS APODEXIA	1D07A	BYZANTINE MUSICAL SYMBOL KATAVASMA
1D020	BYZANTINE MUSICAL SYMBOL OXEIAI ARCHAIC	1D07B	BYZANTINE MUSICAL SYMBOL ENDOFONON
1D021	BYZANTINE MUSICAL SYMBOL VAREIAI ARCHAIC	1D07C	BYZANTINE MUSICAL SYMBOL YFEN KATO
1D022	BYZANTINE MUSICAL SYMBOL APODERMA ARCHAIC	1D07D	BYZANTINE MUSICAL SYMBOL YFEN ANO
1D023	BYZANTINE MUSICAL SYMBOL APOTHEMA	1D07E	BYZANTINE MUSICAL SYMBOL STAVROS
1D024	BYZANTINE MUSICAL SYMBOL KLASMA	1D07F	BYZANTINE MUSICAL SYMBOL KLASMA ANO
1D025	BYZANTINE MUSICAL SYMBOL REVMA		
1D026	BYZANTINE MUSICAL SYMBOL PIASMA ARCHAIC		
1D027	BYZANTINE MUSICAL SYMBOL TINAGMA		
1D028	BYZANTINE MUSICAL SYMBOL ANATRICHISMA		
1D029	BYZANTINE MUSICAL SYMBOL SEISMA		
1D02A	BYZANTINE MUSICAL SYMBOL SYNAGMA ARCHAIC		
1D02B	BYZANTINE MUSICAL SYMBOL SYNAGMA METASTAVROU		
1D02C	BYZANTINE MUSICAL SYMBOL OYRANISMA ARCHAIC		
1D02D	BYZANTINE MUSICAL SYMBOL THEMA		
1D02E	BYZANTINE MUSICAL SYMBOL LEMOI		
1D02F	BYZANTINE MUSICAL SYMBOL DYO		
1D030	BYZANTINE MUSICAL SYMBOL TRIA		
1D031	BYZANTINE MUSICAL SYMBOL TESSERA		
1D032	BYZANTINE MUSICAL SYMBOL KRATIMATA		
1D033	BYZANTINE MUSICAL SYMBOL APESO EXO LATE		
1D034	BYZANTINE MUSICAL SYMBOL FTIHOA ARCHAIC		
1D035	BYZANTINE MUSICAL SYMBOL IMIFTHORA		
1D036	BYZANTINE MUSICAL SYMBOL TROMIKON ARCHAIC		
1D037	BYZANTINE MUSICAL SYMBOL KATAVA TROMIKON		
1D038	BYZANTINE MUSICAL SYMBOL PELASTON		
1D039	BYZANTINE MUSICAL SYMBOL PSIFISTON		
1D03A	BYZANTINE MUSICAL SYMBOL KONTEVMA		
1D03B	BYZANTINE MUSICAL SYMBOL CHOREVMA ARCHAIC		
1D03C	BYZANTINE MUSICAL SYMBOL RAPISMA		
1D03D	BYZANTINE MUSICAL SYMBOL PARAKALESMA ARCHAIC		
1D03E	BYZANTINE MUSICAL SYMBOL PARAKLITIKI ARCHAIC		
1D03F	BYZANTINE MUSICAL SYMBOL ICHADIN		
1D040	BYZANTINE MUSICAL SYMBOL NANA		
1D041	BYZANTINE MUSICAL SYMBOL PETASMA		
1D042	BYZANTINE MUSICAL SYMBOL KONTEVMA ALLO		
1D043	BYZANTINE MUSICAL SYMBOL TROMIKON ALLO		
1D044	BYZANTINE MUSICAL SYMBOL STRAGGISMATA		
1D045	BYZANTINE MUSICAL SYMBOL GRONTHISMATA		
1D046	BYZANTINE MUSICAL SYMBOL ISON LATE		
1D047	BYZANTINE MUSICAL SYMBOL OLIGON LATE		
1D048	BYZANTINE MUSICAL SYMBOL OXEIA LATE		
1D049	BYZANTINE MUSICAL SYMBOL PETASTI		
1D04A	BYZANTINE MUSICAL SYMBOL KOUFISMA		
1D04B	BYZANTINE MUSICAL SYMBOL PETASTOKOUFISMA		
1D04C	BYZANTINE MUSICAL SYMBOL KRATIMOKOUFISMA		
1D04D	BYZANTINE MUSICAL SYMBOL PELASTON LATE		
1D04E	BYZANTINE MUSICAL SYMBOL KENTIMATA LATE ANO		
1D04F	BYZANTINE MUSICAL SYMBOL KENTIMA LATE ANO		
1D050	BYZANTINE MUSICAL SYMBOL YPSILI		
1D051	BYZANTINE MUSICAL SYMBOL APOSTROFOS LATE		
1D052	BYZANTINE MUSICAL SYMBOL APOSTROFOI SYNDESMOS LATE		
1D053	BYZANTINE MUSICAL SYMBOL YPORROI		
1D054	BYZANTINE MUSICAL SYMBOL KRATIMOYPORROON		
1D055	BYZANTINE MUSICAL SYMBOL ELAFRON		
1D056	BYZANTINE MUSICAL SYMBOL CHAMILI		
1D057	BYZANTINE MUSICAL SYMBOL MIKRON ISON		
1D058	BYZANTINE MUSICAL SYMBOL VAREIA LATE		
1D059	BYZANTINE MUSICAL SYMBOL PIASMA LATE		
1D05A	BYZANTINE MUSICAL SYMBOL PSIFISTON LATE		

































































































































Group 00

Plane 01

Row D0

Table 5 - Row 1D0: Byzantine Musical Symbols

1D08 1D09 1D0A 1D0B 1D0C 1D0D 1D0E 1D0F

0								
	1D080	1D090	1D0A0	1D0B0	1D0C0	1D0D0	1D0E0	1D0F0
1								
	1D081	1D091	1D0A1	1D0B1	1D0C1	1D0D1	1D0E1	1D0F1
2								
	1D082	1D092	1D0A2	1D0B2	1D0C2	1D0D2	1D0E2	1D0F2
3								
	1D083	1D093	1D0A3	1D0B3	1D0C3	1D0D3	1D0E3	1D0F3
4								
	1D084	1D094	1D0A4	1D0B4	1D0C4	1D0D4	1D0E4	1D0F4
5								
	1D085	1D095	1D0A5	1D0B5	1D0C5	1D0D5	1D0E5	1D0F5
6								
	1D086	1D096	1D0A6	1D0B6	1D0C6	1D0D6	1D0E6	
7								
	1D087	1D097	1D0A7	1D0B7	1D0C7	1D0D7	1D0E7	
8								
	1D088	1D098	1D0A8	1D0B8	1D0C8	1D0D8	1D0E8	
9								
	1D089	1D099	1D0A9	1D0B9	1D0C9	1D0D9	1D0E9	
A								
	1D08A	1D09A	1D0AA	1D0BA	1D0CA	1D0DA	1D0EA	
B								
	1D08B	1D09B	1D0AB	1D0BB	1D0CB	1D0DB	1D0EB	
C								
	1D08C	1D09C	1D0AC	1D0BC	1D0CC	1D0DC	1D0EC	
D								
	1D08D	1D09D	1D0AD	1D0BD	1D0CD	1D0DD	1D0ED	
E								
	1D08E	1D09E	1D0AE	1D0BE	1D0CE	1D0DE	1D0EE	
F								
	1D08F	1D09F	1D0AF	1D0BF	1D0CF	1D0DF	1D0EF	

G = 00
P = 01

Table 5 - Row 1D0: Byzantine Musical Symbols

HEX	NAME	HEX	NAME
1D080	BYZANTINE MUSICAL SYMBOL DIPLI ARCHAIC	1D0DB	BYZANTINE MUSICAL SYMBOL DIASTOLI APLI MEGALI
1D081	BYZANTINE MUSICAL SYMBOL KRATIMA ARCHAIC	1D0DC	BYZANTINE MUSICAL SYMBOL DIASTOLI DIPLI
1D082	BYZANTINE MUSICAL SYMBOL KRATIMA ALLO	1D0DD	BYZANTINE MUSICAL SYMBOL DIASTOLI THESEOS
1D083	BYZANTINE MUSICAL SYMBOL KRATIMA LATE	1D0DE	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS
1D084	BYZANTINE MUSICAL SYMBOL APODERMA LATE	1D0DF	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS DISIMOU
1D085	BYZANTINE MUSICAL SYMBOL APLI	1D0E0	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS TRISIMOU
1D086	BYZANTINE MUSICAL SYMBOL DIPLI	1D0E1	BYZANTINE MUSICAL SYMBOL SIMANSIS THESEOS TETRASIMOU
1D087	BYZANTINE MUSICAL SYMBOL TRIPLI	1D0E2	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS
1D088	BYZANTINE MUSICAL SYMBOL TETRAPLI	1D0E3	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS DISIMOU
1D089	BYZANTINE MUSICAL SYMBOL KORONIS	1D0E4	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS TRISIMOU
1D08A	BYZANTINE MUSICAL SYMBOL LEIMMA ENOS CHRONOU	1D0E5	BYZANTINE MUSICAL SYMBOL SIMANSIS ARSEOS TETRASIMOU
1D08B	BYZANTINE MUSICAL SYMBOL LEIMMA DY0 CHRONON	1D0E6	BYZANTINE MUSICAL SYMBOL DIGRAMMA GG
1D08C	BYZANTINE MUSICAL SYMBOL LEIMMA TRION CHRONON	1D0E7	BYZANTINE MUSICAL SYMBOL DIFTOGGOS OU
1D08D	BYZANTINE MUSICAL SYMBOL LEIMMA TESSARON CHRONON	1D0E8	BYZANTINE MUSICAL SYMBOL STIGMA
1D08E	BYZANTINE MUSICAL SYMBOL LEIMMA IMISEOS CHRONOU	1D0E9	BYZANTINE MUSICAL SYMBOL ARKTIKO PA
1D08F	BYZANTINE MUSICAL SYMBOL GORGON LATE ANO	1D0EA	BYZANTINE MUSICAL SYMBOL ARKTIKO VOU
1D090	BYZANTINE MUSICAL SYMBOL GORGON PARESTIGMENON ARISTERA	1D0EB	BYZANTINE MUSICAL SYMBOL ARKTIKO GA
1D091	BYZANTINE MUSICAL SYMBOL GORGON PARESTIGMENON DEXIA	1D0EC	BYZANTINE MUSICAL SYMBOL ARKTIKO DI
1D092	BYZANTINE MUSICAL SYMBOL DIGORGON	1D0ED	BYZANTINE MUSICAL SYMBOL ARKTIKO KE
1D093	BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON ARISTERA KATO	1D0EE	BYZANTINE MUSICAL SYMBOL ARKTIKO ZO
1D094	BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON ARISTERA ANO	1D0EF	BYZANTINE MUSICAL SYMBOL ARKTIKO NI
1D095	BYZANTINE MUSICAL SYMBOL DIGORGON PARESTIGMENON DEXIA	1D0F0	BYZANTINE MUSICAL SYMBOL KENTIMATA LATE MESO
1D096	BYZANTINE MUSICAL SYMBOL TRIGORGON	1D0F1	BYZANTINE MUSICAL SYMBOL KENTIMA LATE MESO
1D097	BYZANTINE MUSICAL SYMBOL ARGON	1D0F2	BYZANTINE MUSICAL SYMBOL KENTIMATA LATE KATO
1D098	BYZANTINE MUSICAL SYMBOL IMIDIARGON	1D0F3	BYZANTINE MUSICAL SYMBOL KENTIMA LATE KATO
1D099	BYZANTINE MUSICAL SYMBOL DIARGON	1D0F4	BYZANTINE MUSICAL SYMBOL KLASMA KATO
1D09A	BYZANTINE MUSICAL SYMBOL AGOGI POLI ARG	1D0F5	BYZANTINE MUSICAL SYMBOL GORGON LATE KATO
1D09B	BYZANTINE MUSICAL SYMBOL AGOGI ARGOTERI	1D0F6	(This position shall not be used)
1D09C	BYZANTINE MUSICAL SYMBOL AGOGI ARG	1D0F7	(This position shall not be used)
1D09D	BYZANTINE MUSICAL SYMBOL AGOGI METRIA	1D0F8	(This position shall not be used)
1D09E	BYZANTINE MUSICAL SYMBOL AGOGI MESI	1D0F9	(This position shall not be used)
1D09F	BYZANTINE MUSICAL SYMBOL AGOGI GORGI	1D0FA	(This position shall not be used)
1D0A0	BYZANTINE MUSICAL SYMBOL AGOGI GORGOTERI	1D0FB	(This position shall not be used)
1D0A1	BYZANTINE MUSICAL SYMBOL AGOGI POLI GORGI	1D0FC	(This position shall not be used)
1D0A2	BYZANTINE MUSICAL SYMBOL MARTYRIA PROTOS ICHOS	1D0FD	(This position shall not be used)
1D0A3	BYZANTINE MUSICAL SYMBOL MARTYRIA ALLI PROTOS ICHOS	1D0FE	(This position shall not be used)
1D0A4	BYZANTINE MUSICAL SYMBOL MARTYRIA DEYTEROS ICHOS	1D0FF	(This position shall not be used)
1D0A5	BYZANTINE MUSICAL SYMBOL MARTYRIA ALLI DEYTEROS ICHOS		
1D0A6	BYZANTINE MUSICAL SYMBOL MARTYRIA TRITOS ICHOS		
1D0A7	BYZANTINE MUSICAL SYMBOL MARTYRIA TRIFONIAS		
1D0A8	BYZANTINE MUSICAL SYMBOL MARTYRIA TETARTOS ICHOS		
1D0A9	BYZANTINE MUSICAL SYMBOL MARTYRIA TETARTOS LEGETOS ICHOS		
1D0AA	BYZANTINE MUSICAL SYMBOL MARTYRIA LEGETOS ICHOS		
1D0AB	BYZANTINE MUSICAL SYMBOL MARTYRIA PLAGIOS ICHOS		
1D0AC	BYZANTINE MUSICAL SYMBOL ISAKIA TELOUS ICHIMATOS		
1D0AD	BYZANTINE MUSICAL SYMBOL APOSTROFOI TELOUS ICHIMATOS		
1D0AE	BYZANTINE MUSICAL SYMBOL FANEROSIS TETRAFONIAS		
1D0AF	BYZANTINE MUSICAL SYMBOL FANEROSIS MONOFONIAS		
1D0B0	BYZANTINE MUSICAL SYMBOL FANEROSIS DIFONIAS		
1D0B1	BYZANTINE MUSICAL SYMBOL MARTYRIA VARYS ICHOS		
1D0B2	BYZANTINE MUSICAL SYMBOL MARTYRIA PROTOVARYS ICHOS		
1D0B3	BYZANTINE MUSICAL SYMBOL MARTYRIA PLAGIOS TETARTOS ICHOS		
1D0B4	BYZANTINE MUSICAL SYMBOL GORTHMIKON N APLOUN		
1D0B5	BYZANTINE MUSICAL SYMBOL GORTHMIKON N DIPLOUN		
1D0B6	BYZANTINE MUSICAL SYMBOL ENARXIS KAI FTHORA VOU		
1D0B7	BYZANTINE MUSICAL SYMBOL IMIFONON		
1D0B8	BYZANTINE MUSICAL SYMBOL IMIFTHORON		
1D0B9	BYZANTINE MUSICAL SYMBOL FTHORA ARCHAIC DEYTEROU ICHOU		
1D0BA	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI PA		
1D0BB	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NANA		
1D0BC	BYZANTINE MUSICAL SYMBOL FTHORA NAOS ICHOS		
1D0BD	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI DI		
1D0BE	BYZANTINE MUSICAL SYMBOL FTHORA SKLIRON DIATONON DI		
1D0BF	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI KE		
1D0C0	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI ZO		
1D0C1	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NI KATO		
1D0C2	BYZANTINE MUSICAL SYMBOL FTHORA DIATONIKI NI ANO		
1D0C3	BYZANTINE MUSICAL SYMBOL FTHORA MALAKON CHROMA DIFONIAS		
1D0C4	BYZANTINE MUSICAL SYMBOL FTHORA MALAKON CHROMA MONOFONIAS		
1D0C5	BYZANTINE MUSICAL SYMBOL FHTORA SKLIRON CHROMA VASIS		
1D0C6	BYZANTINE MUSICAL SYMBOL FTHORA SKLIRON CHROMA SYNAFI		
1D0C7	BYZANTINE MUSICAL SYMBOL FTHORA NENANO		
1D0C8	BYZANTINE MUSICAL SYMBOL CHROA ZYGOS		
1D0C9	BYZANTINE MUSICAL SYMBOL CHROA KLITON		
1D0CA	BYZANTINE MUSICAL SYMBOL CHROA SPATHI		
1D0CB	BYZANTINE MUSICAL SYMBOL FTHORA I YFESIS TETARTIMORION		
1D0CC	BYZANTINE MUSICAL SYMBOL FTHORA ENARMONIOS ANTIFONIA		
1D0CD	BYZANTINE MUSICAL SYMBOL YFESIS TRITIMORION		
1D0CE	BYZANTINE MUSICAL SYMBOL DIESIS TRITIMORION		
1D0CF	BYZANTINE MUSICAL SYMBOL DIESIS TETARTIMORION		
1D0D0	BYZANTINE MUSICAL SYMBOL DIESIS APLI DY0 DODEKATA		
1D0D1	BYZANTINE MUSICAL SYMBOL DIESIS MONOGRAMMOS TESSERA DODEKATA		
1D0D2	BYZANTINE MUSICAL SYMBOL DIESIS DIGRAMMOS EX DODEKATA		
1D0D3	BYZANTINE MUSICAL SYMBOL DIESIS TRIGRAMMOS OKTO DODEKATA		
1D0D4	BYZANTINE MUSICAL SYMBOL YFESIS APLI DY0 DODEKATA		
1D0D5	BYZANTINE MUSICAL SYMBOL YFESIS MONOGRAMMOS TESSERA DODEKATA		
1D0D6	BYZANTINE MUSICAL SYMBOL YFESIS DIGRAMMOS EX DODEKATA		
1D0D7	BYZANTINE MUSICAL SYMBOL YFESIS TRIGRAMMOS OKTO DODEKATA		
1D0D8	BYZANTINE MUSICAL SYMBOL GENIKI DIESIS		
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




















































































































Group 00

Plane 01

Row D0

Table 6 - Row 1D1: Musical Symbols

1D10 1D11 1D12 1D13 1D14 1D15 1D16 1D17

0								
1								
2								
3								
4								
5								
6				<i>8^{va}</i>				
7				<i>8^{vb}</i>				
8				<i>15^{ma}</i>				
9	<i>D.S.</i>			<i>15^{mb}</i>				
A	<i>D.C.</i>							
B								
C								
D								
E								
F								

G = 00
P = 01

Table 6 - Row 1D1: Musical Symbols











































































HEX	NAME	HEX	NAME
1D100	MUSICAL SYMBOL SINGLE BARLINE	1D15B	MUSICAL SYMBOL CLUSTER NOTEHEAD BLACK
1D101	MUSICAL SYMBOL DOUBLE BARLINE	1D15C	MUSICAL SYMBOL BREVE
1D102	MUSICAL SYMBOL FINAL BARLINE	1D15D	MUSICAL SYMBOL WHOLE NOTE
1D103	MUSICAL SYMBOL REVERSE FINAL BARLINE	1D15E	MUSICAL SYMBOL HALF NOTE
1D104	MUSICAL SYMBOL DASHED BARLINE	1D15F	MUSICAL SYMBOL QUARTER NOTE
1D105	MUSICAL SYMBOL SHORT BARLINE	1D160	MUSICAL SYMBOL EIGHTH NOTE
1D106	MUSICAL SYMBOL LEFT REPEAT SIGN	1D161	MUSICAL SYMBOL SIXTEENTH NOTE
1D107	MUSICAL SYMBOL RIGHT REPEAT SIGN	1D162	MUSICAL SYMBOL THIRTY-SECOND NOTE
1D108	MUSICAL SYMBOL REPEAT DOTS	1D163	MUSICAL SYMBOL SIXTY-FOURTH NOTE
1D109	MUSICAL SYMBOL DAL SEGNO	1D164	MUSICAL SYMBOL ONE HUNDRED TWENTY-EIGHTH NOTE
1D10A	MUSICAL SYMBOL DA CAPO	1D165	MUSICAL SYMBOL COMBINING STEM
1D10B	MUSICAL SYMBOL SEGNO	1D166	MUSICAL SYMBOL COMBINING SPRECHGESANG STEM
1D10C	MUSICAL SYMBOL CODA	1D167	MUSICAL SYMBOL COMBINING TREMOLO ONE
1D10D	MUSICAL SYMBOL REPEATED FIGURE ONE	1D168	MUSICAL SYMBOL COMBINING TREMOLO TWO
1D10E	MUSICAL SYMBOL REPEATED FIGURE TWO	1D169	MUSICAL SYMBOL COMBINING TREMOLO THREE
1D10F	MUSICAL SYMBOL REPEATED FIGURE THREE	1D16A	MUSICAL SYMBOL FINGERED TREMOLO ONE
1D110	MUSICAL SYMBOL FERMATA	1D16B	MUSICAL SYMBOL FINGERED TREMOLO TWO
1D111	MUSICAL SYMBOL FERMATA BELOW	1D16C	MUSICAL SYMBOL FINGERED TREMOLO THREE
1D112	MUSICAL SYMBOL BREATH MARK	1D16D	MUSICAL SYMBOL COMBINING AUGMENTATION DOT
1D113	MUSICAL SYMBOL CAESURA	1D16E	MUSICAL SYMBOL COMBINING FLAG ONE
1D114	MUSICAL SYMBOL BRACE	1D16F	MUSICAL SYMBOL COMBINING FLAG TWO
1D115	MUSICAL SYMBOL BRACKET	1D170	MUSICAL SYMBOL COMBINING FLAG THREE
1D116	MUSICAL SYMBOL ONE-LINE STAFF	1D171	MUSICAL SYMBOL COMBINING FLAG FOUR
1D117	MUSICAL SYMBOL TWO-LINE STAFF	1D172	MUSICAL SYMBOL COMBINING FLAG FIVE
1D118	MUSICAL SYMBOL THREE-LINE STAFF	1D173	MUSICAL SYMBOL BEGIN BEAM
1D119	MUSICAL SYMBOL FOUR-LINE STAFF	1D174	MUSICAL SYMBOL END BEAM
1D11A	MUSICAL SYMBOL FIVE-LINE STAFF	1D175	MUSICAL SYMBOL BEGIN TIE
1D11B	MUSICAL SYMBOL SIX-LINE STAFF	1D176	MUSICAL SYMBOL END TIE
1D11C	MUSICAL SYMBOL SIX-STRING FRETBOARD	1D177	MUSICAL SYMBOL BEGIN SLUR
1D11D	MUSICAL SYMBOL FOUR-STRING FRETBOARD	1D178	MUSICAL SYMBOL END SLUR
1D11E	MUSICAL SYMBOL G CLEF	1D179	MUSICAL SYMBOL BEGIN PHRASE
1D11F	MUSICAL SYMBOL G CLEF OTTAVA ALTA	1D17A	MUSICAL SYMBOL END PHRASE
1D120	MUSICAL SYMBOL G CLEF OTTAVA BASSA	1D17B	MUSICAL SYMBOL COMBINING ACCENT
1D121	MUSICAL SYMBOL C CLEF	1D17C	MUSICAL SYMBOL COMBINING STACCATO
1D122	MUSICAL SYMBOL F CLEF	1D17D	MUSICAL SYMBOL COMBINING TENUTO
1D123	MUSICAL SYMBOL F CLEF OTTAVA ALTA	1D17E	MUSICAL SYMBOL COMBINING STACCATISSIMO
1D124	MUSICAL SYMBOL F CLEF OTTAVA BASSA	1D17F	MUSICAL SYMBOL COMBINING MARCATO
1D125	MUSICAL SYMBOL DRUM CLEF ONE		
1D126	MUSICAL SYMBOL DRUM CLEF TWO		
1D127	(This position shall not be used)		
1D128	(This position shall not be used)		
1D129	(This position shall not be used)		
1D12A	MUSICAL SYMBOL DOUBLE SHARP		
1D12B	MUSICAL SYMBOL DOUBLE FLAT		
1D12C	MUSICAL SYMBOL FLAT UP		
1D12D	MUSICAL SYMBOL FLAT DOWN		
1D12E	MUSICAL SYMBOL NATURAL UP		
1D12F	MUSICAL SYMBOL NATURAL DOWN		
1D130	MUSICAL SYMBOL SHARP UP		
1D131	MUSICAL SYMBOL SHARP DOWN		
1D132	MUSICAL SYMBOL QUARTER TONE SHARP		
1D133	MUSICAL SYMBOL QUARTER TONE FLAT		
1D134	MUSICAL SYMBOL COMMON TIME		
1D135	MUSICAL SYMBOL CUT TIME		
1D136	MUSICAL SYMBOL OTTAVA ALTA		
1D137	MUSICAL SYMBOL OTTAVA BASSA		
1D138	MUSICAL SYMBOL QUINDICESIMA ALTA		
1D139	MUSICAL SYMBOL QUINDICESIMA BASSA		
1D13A	MUSICAL SYMBOL MULTI REST		
1D13B	MUSICAL SYMBOL WHOLE REST		
1D13C	MUSICAL SYMBOL HALF REST		
1D13D	MUSICAL SYMBOL QUARTER REST		
1D13E	MUSICAL SYMBOL EIGHTH REST		
1D13F	MUSICAL SYMBOL SIXTEENTH REST		
1D140	MUSICAL SYMBOL THIRTY-SECOND REST		
1D141	MUSICAL SYMBOL SIXTY-FOURTH REST		
1D142	MUSICAL SYMBOL ONE HUNDRED TWENTY-EIGHTH REST		
1D143	MUSICAL SYMBOL X NOTEHEAD		
1D144	MUSICAL SYMBOL PLUS NOTEHEAD		
1D145	MUSICAL SYMBOL CIRCLE X NOTEHEAD		
1D146	MUSICAL SYMBOL SQUARE NOTEHEAD WHITE		
1D147	MUSICAL SYMBOL SQUARE NOTEHEAD BLACK		
1D148	MUSICAL SYMBOL TRIANGLE NOTEHEAD UP WHITE		
1D149	MUSICAL SYMBOL TRIANGLE NOTEHEAD UP BLACK		
1D14A	MUSICAL SYMBOL TRIANGLE NOTEHEAD LEFT WHITE		
1D14B	MUSICAL SYMBOL TRIANGLE NOTEHEAD LEFT BLACK		
1D14C	MUSICAL SYMBOL TRIANGLE NOTEHEAD RIGHT WHITE		
1D14D	MUSICAL SYMBOL TRIANGLE NOTEHEAD RIGHT BLACK		
1D14E	MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN WHITE		
1D14F	MUSICAL SYMBOL TRIANGLE NOTEHEAD DOWN BLACK		
1D150	MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT WHITE		
1D151	MUSICAL SYMBOL TRIANGLE NOTEHEAD UP RIGHT BLACK		
1D152	MUSICAL SYMBOL MOON NOTEHEAD WHITE		
1D153	MUSICAL SYMBOL MOON NOTEHEAD BLACK		
1D154	MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN WHITE		
1D155	MUSICAL SYMBOL TRIANGLE-ROUND NOTEHEAD DOWN BLACK		
1D156	MUSICAL SYMBOL PARENTHESIS NOTEHEAD		
1D157	MUSICAL SYMBOL VOID NOTEHEAD		
1D158	MUSICAL SYMBOL NOTEHEAD BLACK		
1D159	MUSICAL SYMBOL NULL NOTEHEAD		
1D15A	MUSICAL SYMBOL CLUSTER NOTEHEAD WHITE		

Group 00

Plane 01

Row D1

Table 7 - Row 1D1: Musical Symbols
 1D18 1D19 1D1A 1D1B 1D1C 1D1D 1D1E 1D1F

0	 1D180	<i>m</i> 1D190	 1D1A0	 1D1B0	 1D1C0	 1D1D0		
1	 1D181	<i>f</i> 1D191	 1D1A1	 1D1B1	 1D1C1	 1D1D1		
2	 1D182	 1D192	C 1D1A2	 1D1B2	 1D1C2	 1D1D2		
3	 1D183	 1D193	 1D1A3	 1D1B3	 1D1C3	 1D1D3		
4	 1D184	 1D194	 1D1A4	 1D1B4	 1D1C4	 1D1D4		
5	 1D185	 1D195	 1D1A5	 1D1B5	 1D1C5	 1D1D5		
6	 1D186	<i>tr</i> 1D196	H 1D1A6	 1D1B6	 1D1C6	 1D1D6		
7	 1D187	 1D197	N 1D1A7	 1D1B7	 1D1C7	 1D1D7		
8	 1D188	 1D198	 1D1A8	 1D1B8	 1D1C8	 1D1D8		
9	 1D189	 1D199	 1D1A9	 1D1B9	 1D1C9	 1D1D9		
A	 1D18A	 1D19A	 1D1AA	 1D1BA	 1D1CA	 1D1DA		
B	 1D18B	 1D19B	 1D1AB	 1D1BB	 1D1CB	 1D1DB		
C	<i>r</i> 1D18C	 1D19C	 1D1AC	 1D1BC	 1D1CC	 1D1DC		
D	<i>s</i> 1D18D	 1D19D	 1D1AD	 1D1BD	 1D1CD	 1D1DD		
E	<i>z</i> 1D18E) 1D19E	<i>Res.</i> 1D1AE	 1D1BE	 1D1CE			
F	<i>p</i> 1D18F) 1D19F	 1D1AF	 1D1BF	 1D1CF			

G = 00
P = 01

Table 7 - Row 1D1: Musical Symbols

HEX	NAME	HEX	NAME
1D180	MUSICAL SYMBOL COMBINING MARCATO-STACCATO	1D1D8	MUSICAL SYMBOL TORCULUS
1D181	MUSICAL SYMBOL COMBINING ACCENT-STACCATO	1D1D9	MUSICAL SYMBOL PORRECTUS
1D182	MUSICAL SYMBOL COMBINING LOURE	1D1DA	MUSICAL SYMBOL PORRECTUS FLEXUS
1D183	MUSICAL SYMBOL ARPEGGIATO UP	1D1DB	MUSICAL SYMBOL SCANDICUS FLEXUS
1D184	MUSICAL SYMBOL ARPEGGIATO DOWN	1D1DC	MUSICAL SYMBOL TORCULUS RESUPINUS
1D185	MUSICAL SYMBOL COMBINING DOIT	1D1DD	MUSICAL SYMBOL PES SUBPUNCTIS
1D186	MUSICAL SYMBOL COMBINING RIP	1D1DE	(This position shall not be used)
1D187	MUSICAL SYMBOL COMBINING FLIP	1D1DF	(This position shall not be used)
1D188	MUSICAL SYMBOL COMBINING SMEAR	1D1E0	(This position shall not be used)
1D189	MUSICAL SYMBOL COMBINING BEND	1D1E1	(This position shall not be used)
1D18A	MUSICAL SYMBOL COMBINING DOUBLE TONGUE	1D1E2	(This position shall not be used)
1D18B	MUSICAL SYMBOL COMBINING TRIPLE TONGUE	1D1E3	(This position shall not be used)
1D18C	MUSICAL SYMBOL RINFORZANDO	1D1E4	(This position shall not be used)
1D18D	MUSICAL SYMBOL SUBITO	1D1E5	(This position shall not be used)
1D18E	MUSICAL SYMBOL Z	1D1E6	(This position shall not be used)
1D18F	MUSICAL SYMBOL PIANO	1D1E7	(This position shall not be used)
1D190	MUSICAL SYMBOL MEZZO	1D1E8	(This position shall not be used)
1D191	MUSICAL SYMBOL FORTE	1D1E9	(This position shall not be used)
1D192	MUSICAL SYMBOL CRESCENDO	1D1EA	(This position shall not be used)
1D193	MUSICAL SYMBOL DECRESCENDO	1D1EB	(This position shall not be used)
1D194	MUSICAL SYMBOL GRACE NOTE SLASH	1D1EC	(This position shall not be used)
1D195	MUSICAL SYMBOL GRACE NOTE NO SLASH	1D1ED	(This position shall not be used)
1D196	MUSICAL SYMBOL TR	1D1EE	(This position shall not be used)
1D197	MUSICAL SYMBOL TURN	1D1EF	(This position shall not be used)
1D198	MUSICAL SYMBOL INVERTED TURN	1D1F0	(This position shall not be used)
1D199	MUSICAL SYMBOL TURN SLASH	1D1F1	(This position shall not be used)
1D19A	MUSICAL SYMBOL TURN UP	1D1F2	(This position shall not be used)
1D19B	MUSICAL SYMBOL ORNAMENT STROKE ONE	1D1F3	(This position shall not be used)
1D19C	MUSICAL SYMBOL ORNAMENT STROKE TWO	1D1F4	(This position shall not be used)
1D19D	MUSICAL SYMBOL ORNAMENT STROKE THREE	1D1F5	(This position shall not be used)
1D19E	MUSICAL SYMBOL ORNAMENT STROKE FOUR	1D1F6	(This position shall not be used)
1D19F	MUSICAL SYMBOL ORNAMENT STROKE FIVE	1D1F7	(This position shall not be used)
1D1A0	MUSICAL SYMBOL ORNAMENT STROKE SIX	1D1F8	(This position shall not be used)
1D1A1	MUSICAL SYMBOL ORNAMENT STROKE SEVEN	1D1F9	(This position shall not be used)
1D1A2	MUSICAL SYMBOL ORNAMENT STROKE EIGHT	1D1FA	(This position shall not be used)
1D1A3	MUSICAL SYMBOL ORNAMENT STROKE NINE	1D1FB	(This position shall not be used)
1D1A4	MUSICAL SYMBOL ORNAMENT STROKE TEN	1D1FC	(This position shall not be used)
1D1A5	MUSICAL SYMBOL ORNAMENT STROKE ELEVEN	1D1FD	(This position shall not be used)
1D1A6	MUSICAL SYMBOL HAUPTSTIMME	1D1FE	(This position shall not be used)
1D1A7	MUSICAL SYMBOL NEBENSTIMME	1D1FF	(This position shall not be used)
1D1A8	MUSICAL SYMBOL END OF STIMME		
1D1A9	MUSICAL SYMBOL DEGREE SLASH		
1D1AA	MUSICAL SYMBOL COMBINING DOWN BOW		
1D1AB	MUSICAL SYMBOL COMBINING UP BOW		
1D1AC	MUSICAL SYMBOL COMBINING HARMONIC		
1D1AD	MUSICAL SYMBOL COMBINING SNAP PIZZICATO		
1D1AE	MUSICAL SYMBOL PEDAL MARK		
1D1AF	MUSICAL SYMBOL PEDAL UP MARK		
1D1B0	MUSICAL SYMBOL HALF PEDAL MARK		
1D1B1	MUSICAL SYMBOL GLISSANDO UP		
1D1B2	MUSICAL SYMBOL GLISSANDO DOWN		
1D1B3	MUSICAL SYMBOL WITH FINGERNAILS		
1D1B4	MUSICAL SYMBOL DAMP		
1D1B5	MUSICAL SYMBOL DAMP ALL		
1D1B6	MUSICAL SYMBOL MAXIMA		
1D1B7	MUSICAL SYMBOL LONGA		
1D1B8	MUSICAL SYMBOL BREVIS		
1D1B9	MUSICAL SYMBOL SEMIBREVIS WHITE		
1D1BA	MUSICAL SYMBOL SEMIBREVIS BLACK		
1D1BB	MUSICAL SYMBOL MINIMA		
1D1BC	MUSICAL SYMBOL MINIMA BLACK		
1D1BD	MUSICAL SYMBOL SEMINIMA WHITE		
1D1BE	MUSICAL SYMBOL SEMINIMA BLACK		
1D1BF	MUSICAL SYMBOL FUSA WHITE		
1D1C0	MUSICAL SYMBOL FUSA BLACK		
1D1C1	MUSICAL SYMBOL LONGA PERFECTA REST		
1D1C2	MUSICAL SYMBOL LONGA IMPERFECTA REST		
1D1C3	MUSICAL SYMBOL BREVIS REST		
1D1C4	MUSICAL SYMBOL SEMIBREVIS REST		
1D1C5	MUSICAL SYMBOL MINIMA REST		
1D1C6	MUSICAL SYMBOL SEMINIMA REST		
1D1C7	MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA		
1D1C8	MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE IMPERFECTA		
1D1C9	MUSICAL SYMBOL TEMPUS PERFECTUM CUM PROLATIONE PERFECTA DIMINUTION ONE		
1D1CA	MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE PERFECTA		
1D1CB	MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA		
1D1CC	MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION ONE		
1D1CD	MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION TWO		
1D1CE	MUSICAL SYMBOL TEMPUS IMPERFECTUM CUM PROLATIONE IMPERFECTA DIMINUTION THREE		
1D1CF	MUSICAL SYMBOL CROIX		
1D1D0	MUSICAL SYMBOL GREGORIAN C CLEF		
1D1D1	MUSICAL SYMBOL GREGORIAN F CLEF		
1D1D2	MUSICAL SYMBOL SQUARE B		
1D1D3	MUSICAL SYMBOL VIRGA		
1D1D4	MUSICAL SYMBOL PODATUS		
1D1D5	MUSICAL SYMBOL CLIVIS		
1D1D6	MUSICAL SYMBOL SCANDICUS		
1D1D7	MUSICAL SYMBOL CLIMACUS		

Group 00

Plane 01

Row D1

Table 8 - Row 1D4: Mathematical Alphanumeric Symbols

	1D40	1D41	1D42	1D43	1D44	1D45	1D46	1D47	1D48	1D49	1D4A
0	A 1D400	Q 1D410	g 1D420	w 1D430	M 1D440	c 1D450	s 1D460	I 1D470	Y 1D480	o 1D490	
1	B 1D401	R 1D411	h 1D421	x 1D431	N 1D441	d 1D451	t 1D461	J 1D471	Z 1D481	p 1D491	
2	C 1D402	S 1D412	i 1D422	y 1D432	O 1D442	e 1D452	u 1D462	K 1D472	a 1D482	q 1D492	G 1D4A2
3	D 1D403	T 1D413	j 1D423	z 1D433	P 1D443	f 1D453	v 1D463	L 1D473	b 1D483	r 1D493	
4	E 1D404	U 1D414	k 1D424	A 1D434	Q 1D444	g 1D454	w 1D464	M 1D474	c 1D484	s 1D494	
5	F 1D405	V 1D415	l 1D425	B 1D435	R 1D445		x 1D465	N 1D475	d 1D485	t 1D495	J 1D4A5
6	G 1D406	W 1D416	m 1D426	C 1D436	S 1D446	i 1D456	y 1D466	O 1D476	e 1D486	u 1D496	K 1D4A6
7	H 1D407	X 1D417	n 1D427	D 1D437	T 1D447	j 1D457	z 1D467	P 1D477	f 1D487	v 1D497	
8	I 1D408	Y 1D418	o 1D428	E 1D438	U 1D448	k 1D458	A 1D468	Q 1D478	g 1D488	w 1D498	
9	J 1D409	Z 1D419	p 1D429	F 1D439	V 1D449	l 1D459	B 1D469	R 1D479	h 1D489	x 1D499	N 1D4A9
A	K 1D40A	a 1D41A	q 1D42A	G 1D43A	W 1D44A	m 1D45A	C 1D46A	S 1D47A	i 1D48A	y 1D49A	O 1D4AA
B	L 1D40B	b 1D41B	r 1D42B	H 1D43B	X 1D44B	n 1D45B	D 1D46B	T 1D47B	j 1D48B	z 1D49B	P 1D4AB
C	M 1D40C	c 1D41C	s 1D42C	I 1D43C	Y 1D44C	o 1D45C	E 1D46C	U 1D47C	k 1D48C	A 1D49C	Q 1D4AC
D	N 1D40D	d 1D41D	t 1D42D	J 1D43D	Z 1D44D	p 1D45D	F 1D46D	V 1D47D	l 1D48D		
E	O 1D40E	e 1D41E	u 1D42E	K 1D43E	a 1D44E	q 1D45E	G 1D46E	W 1D47E	m 1D48E	C 1D49E	S 1D4AE
F	P 1D40F	f 1D41F	v 1D42F	L 1D43F	b 1D44F	r 1D45F	H 1D46F	X 1D47F	n 1D48F	D 1D49F	T 1D4AF

G = 00
P = 01

Table 8 - Row 1D4: Mathematical Alphanumeric Symbols

HEX	NAME	HEX	NAME
1D400	MATHEMATICAL BOLD CAPITAL A	1D45B	MATHEMATICAL ITALIC SMALL N
1D401	MATHEMATICAL BOLD CAPITAL B	1D45C	MATHEMATICAL ITALIC SMALL O
1D402	MATHEMATICAL BOLD CAPITAL C	1D45D	MATHEMATICAL ITALIC SMALL P
1D403	MATHEMATICAL BOLD CAPITAL D	1D45E	MATHEMATICAL ITALIC SMALL Q
1D404	MATHEMATICAL BOLD CAPITAL E	1D45F	MATHEMATICAL ITALIC SMALL R
1D405	MATHEMATICAL BOLD CAPITAL F	1D460	MATHEMATICAL ITALIC SMALL S
1D406	MATHEMATICAL BOLD CAPITAL G	1D461	MATHEMATICAL ITALIC SMALL T
1D407	MATHEMATICAL BOLD CAPITAL H	1D462	MATHEMATICAL ITALIC SMALL U
1D408	MATHEMATICAL BOLD CAPITAL I	1D463	MATHEMATICAL ITALIC SMALL V
1D409	MATHEMATICAL BOLD CAPITAL J	1D464	MATHEMATICAL ITALIC SMALL W
1D40A	MATHEMATICAL BOLD CAPITAL K	1D465	MATHEMATICAL ITALIC SMALL X
1D40B	MATHEMATICAL BOLD CAPITAL L	1D466	MATHEMATICAL ITALIC SMALL Y
1D40C	MATHEMATICAL BOLD CAPITAL M	1D467	MATHEMATICAL ITALIC SMALL Z
1D40D	MATHEMATICAL BOLD CAPITAL N	1D468	MATHEMATICAL BOLD ITALIC CAPITAL A
1D40E	MATHEMATICAL BOLD CAPITAL O	1D469	MATHEMATICAL BOLD ITALIC CAPITAL B
1D40F	MATHEMATICAL BOLD CAPITAL P	1D46A	MATHEMATICAL BOLD ITALIC CAPITAL C
1D410	MATHEMATICAL BOLD CAPITAL Q	1D46B	MATHEMATICAL BOLD ITALIC CAPITAL D
1D411	MATHEMATICAL BOLD CAPITAL R	1D46C	MATHEMATICAL BOLD ITALIC CAPITAL E
1D412	MATHEMATICAL BOLD CAPITAL S	1D46D	MATHEMATICAL BOLD ITALIC CAPITAL F
1D413	MATHEMATICAL BOLD CAPITAL T	1D46E	MATHEMATICAL BOLD ITALIC CAPITAL G
1D414	MATHEMATICAL BOLD CAPITAL U	1D46F	MATHEMATICAL BOLD ITALIC CAPITAL H
1D415	MATHEMATICAL BOLD CAPITAL V	1D470	MATHEMATICAL BOLD ITALIC CAPITAL I
1D416	MATHEMATICAL BOLD CAPITAL W	1D471	MATHEMATICAL BOLD ITALIC CAPITAL J
1D417	MATHEMATICAL BOLD CAPITAL X	1D472	MATHEMATICAL BOLD ITALIC CAPITAL K
1D418	MATHEMATICAL BOLD CAPITAL Y	1D473	MATHEMATICAL BOLD ITALIC CAPITAL L
1D419	MATHEMATICAL BOLD CAPITAL Z	1D474	MATHEMATICAL BOLD ITALIC CAPITAL M
1D41A	MATHEMATICAL BOLD SMALL A	1D475	MATHEMATICAL BOLD ITALIC CAPITAL N
1D41B	MATHEMATICAL BOLD SMALL B	1D476	MATHEMATICAL BOLD ITALIC CAPITAL O
1D41C	MATHEMATICAL BOLD SMALL C	1D477	MATHEMATICAL BOLD ITALIC CAPITAL P
1D41D	MATHEMATICAL BOLD SMALL D	1D478	MATHEMATICAL BOLD ITALIC CAPITAL Q
1D41E	MATHEMATICAL BOLD SMALL E	1D479	MATHEMATICAL BOLD ITALIC CAPITAL R
1D41F	MATHEMATICAL BOLD SMALL F	1D47A	MATHEMATICAL BOLD ITALIC CAPITAL S
1D420	MATHEMATICAL BOLD SMALL G	1D47B	MATHEMATICAL BOLD ITALIC CAPITAL T
1D421	MATHEMATICAL BOLD SMALL H	1D47C	MATHEMATICAL BOLD ITALIC CAPITAL U
1D422	MATHEMATICAL BOLD SMALL I	1D47D	MATHEMATICAL BOLD ITALIC CAPITAL V
1D423	MATHEMATICAL BOLD SMALL J	1D47E	MATHEMATICAL BOLD ITALIC CAPITAL W
1D424	MATHEMATICAL BOLD SMALL K	1D47F	MATHEMATICAL BOLD ITALIC CAPITAL X
1D425	MATHEMATICAL BOLD SMALL L	1D480	MATHEMATICAL BOLD ITALIC CAPITAL Y
1D426	MATHEMATICAL BOLD SMALL M	1D481	MATHEMATICAL BOLD ITALIC CAPITAL Z
1D427	MATHEMATICAL BOLD SMALL N	1D482	MATHEMATICAL BOLD ITALIC SMALL A
1D428	MATHEMATICAL BOLD SMALL O	1D483	MATHEMATICAL BOLD ITALIC SMALL B
1D429	MATHEMATICAL BOLD SMALL P	1D484	MATHEMATICAL BOLD ITALIC SMALL C
1D42A	MATHEMATICAL BOLD SMALL Q	1D485	MATHEMATICAL BOLD ITALIC SMALL D
1D42B	MATHEMATICAL BOLD SMALL R	1D486	MATHEMATICAL BOLD ITALIC SMALL E
1D42C	MATHEMATICAL BOLD SMALL S	1D487	MATHEMATICAL BOLD ITALIC SMALL F
1D42D	MATHEMATICAL BOLD SMALL T	1D488	MATHEMATICAL BOLD ITALIC SMALL G
1D42E	MATHEMATICAL BOLD SMALL U	1D489	MATHEMATICAL BOLD ITALIC SMALL H
1D42F	MATHEMATICAL BOLD SMALL V	1D48A	MATHEMATICAL BOLD ITALIC SMALL I
1D430	MATHEMATICAL BOLD SMALL W	1D48B	MATHEMATICAL BOLD ITALIC SMALL J
1D431	MATHEMATICAL BOLD SMALL X	1D48C	MATHEMATICAL BOLD ITALIC SMALL K
1D432	MATHEMATICAL BOLD SMALL Y	1D48D	MATHEMATICAL BOLD ITALIC SMALL L
1D433	MATHEMATICAL BOLD SMALL Z	1D48E	MATHEMATICAL BOLD ITALIC SMALL M
1D434	MATHEMATICAL ITALIC CAPITAL A	1D48F	MATHEMATICAL BOLD ITALIC SMALL N
1D435	MATHEMATICAL ITALIC CAPITAL B	1D490	MATHEMATICAL BOLD ITALIC SMALL O
1D436	MATHEMATICAL ITALIC CAPITAL C	1D491	MATHEMATICAL BOLD ITALIC SMALL P
1D437	MATHEMATICAL ITALIC CAPITAL D	1D492	MATHEMATICAL BOLD ITALIC SMALL Q
1D438	MATHEMATICAL ITALIC CAPITAL E	1D493	MATHEMATICAL BOLD ITALIC SMALL R
1D439	MATHEMATICAL ITALIC CAPITAL F	1D494	MATHEMATICAL BOLD ITALIC SMALL S
1D43A	MATHEMATICAL ITALIC CAPITAL G	1D495	MATHEMATICAL BOLD ITALIC SMALL T
1D43B	MATHEMATICAL ITALIC CAPITAL H	1D496	MATHEMATICAL BOLD ITALIC SMALL U
1D43C	MATHEMATICAL ITALIC CAPITAL I	1D497	MATHEMATICAL BOLD ITALIC SMALL V
1D43D	MATHEMATICAL ITALIC CAPITAL J	1D498	MATHEMATICAL BOLD ITALIC SMALL W
1D43E	MATHEMATICAL ITALIC CAPITAL K	1D499	MATHEMATICAL BOLD ITALIC SMALL X
1D43F	MATHEMATICAL ITALIC CAPITAL L	1D49A	MATHEMATICAL BOLD ITALIC SMALL Y
1D440	MATHEMATICAL ITALIC CAPITAL M	1D49B	MATHEMATICAL BOLD ITALIC SMALL Z
1D441	MATHEMATICAL ITALIC CAPITAL N	1D49C	MATHEMATICAL SCRIPT CAPITAL A
1D442	MATHEMATICAL ITALIC CAPITAL O	1D49D	(This position shall not be used)
1D443	MATHEMATICAL ITALIC CAPITAL P	1D49E	MATHEMATICAL SCRIPT CAPITAL C
1D444	MATHEMATICAL ITALIC CAPITAL Q	1D49F	MATHEMATICAL SCRIPT CAPITAL D
1D445	MATHEMATICAL ITALIC CAPITAL R	1D4A0	(This position shall not be used)
1D446	MATHEMATICAL ITALIC CAPITAL S	1D4A1	(This position shall not be used)
1D447	MATHEMATICAL ITALIC CAPITAL T	1D4A2	MATHEMATICAL SCRIPT CAPITAL G
1D448	MATHEMATICAL ITALIC CAPITAL U	1D4A3	(This position shall not be used)
1D449	MATHEMATICAL ITALIC CAPITAL V	1D4A4	(This position shall not be used)
1D44A	MATHEMATICAL ITALIC CAPITAL W	1D4A5	MATHEMATICAL SCRIPT CAPITAL J
1D44B	MATHEMATICAL ITALIC CAPITAL X	1D4A6	MATHEMATICAL SCRIPT CAPITAL K
1D44C	MATHEMATICAL ITALIC CAPITAL Y	1D4A7	(This position shall not be used)
1D44D	MATHEMATICAL ITALIC CAPITAL Z	1D4A8	(This position shall not be used)
1D44E	MATHEMATICAL ITALIC SMALL A	1D4A9	MATHEMATICAL SCRIPT CAPITAL N
1D44F	MATHEMATICAL ITALIC SMALL B	1D4AA	MATHEMATICAL SCRIPT CAPITAL O
1D450	MATHEMATICAL ITALIC SMALL C	1D4AB	MATHEMATICAL SCRIPT CAPITAL P
1D451	MATHEMATICAL ITALIC SMALL D	1D4AC	MATHEMATICAL SCRIPT CAPITAL Q
1D452	MATHEMATICAL ITALIC SMALL E	1D4AD	(This position shall not be used)
1D453	MATHEMATICAL ITALIC SMALL F	1D4AE	MATHEMATICAL SCRIPT CAPITAL S
1D454	MATHEMATICAL ITALIC SMALL G	1D4AF	MATHEMATICAL SCRIPT CAPITAL T
1D455	(This position shall not be used)		
1D456	MATHEMATICAL ITALIC SMALL I		
1D457	MATHEMATICAL ITALIC SMALL J		
1D458	MATHEMATICAL ITALIC SMALL K		
1D459	MATHEMATICAL ITALIC SMALL L		
1D45A	MATHEMATICAL ITALIC SMALL M		

Group 00

Plane 01

Row D4

Table 9 - Rows 1D4-1D5: Mathematical Alphanumeric Symbols

	1D4B	1D4C	1D4D	1D4E	1D4F	1D50	1D51	1D52	1D53	1D54	1D55
0	<i>U</i> 1D4B0	<i>k</i> 1D4C0	<i>A</i> 1D4D0	<i>Q</i> 1D4E0	<i>g</i> 1D4F0	<i>w</i> 1D500	<i>M</i> 1D510	<i>c</i> 1D520	<i>s</i> 1D530	<i>I</i> 1D540	<i>Y</i> 1D550
1	<i>V</i> 1D4B1		<i>B</i> 1D4D1	<i>R</i> 1D4E1	<i>h</i> 1D4F1	<i>x</i> 1D501	<i>N</i> 1D511	<i>d</i> 1D521	<i>t</i> 1D531	<i>J</i> 1D541	
2	<i>W</i> 1D4B2	<i>m</i> 1D4C2	<i>C</i> 1D4D2	<i>P</i> 1D4E2	<i>i</i> 1D4F2	<i>y</i> 1D502	<i>D</i> 1D512	<i>e</i> 1D522	<i>u</i> 1D532	<i>K</i> 1D542	<i>a</i> 1D552
3	<i>X</i> 1D4B3	<i>n</i> 1D4C3	<i>D</i> 1D4D3	<i>T</i> 1D4E3	<i>j</i> 1D4F3	<i>z</i> 1D503	<i>P</i> 1D513	<i>f</i> 1D523	<i>v</i> 1D533	<i>L</i> 1D543	<i>b</i> 1D553
4	<i>Y</i> 1D4B4		<i>E</i> 1D4D4	<i>U</i> 1D4E4	<i>k</i> 1D4F4	<i>Q</i> 1D504	<i>g</i> 1D514	<i>w</i> 1D524	<i>M</i> 1D534	<i>c</i> 1D544	<i>Y</i> 1D554
5	<i>Z</i> 1D4B5	<i>p</i> 1D4C5	<i>F</i> 1D4D5	<i>V</i> 1D4E5	<i>l</i> 1D4F5	<i>B</i> 1D505		<i>h</i> 1D525	<i>r</i> 1D535		<i>d</i> 1D555
6	<i>a</i> 1D4B6	<i>q</i> 1D4C6	<i>G</i> 1D4D6	<i>W</i> 1D4E6	<i>m</i> 1D4F6		<i>S</i> 1D516	<i>i</i> 1D526	<i>η</i> 1D536	<i>O</i> 1D546	<i>e</i> 1D556
7	<i>b</i> 1D4B7	<i>r</i> 1D4C7	<i>H</i> 1D4D7	<i>X</i> 1D4E7	<i>n</i> 1D4F7	<i>D</i> 1D507	<i>T</i> 1D517	<i>j</i> 1D527	<i>z</i> 1D537		<i>f</i> 1D557
8	<i>c</i> 1D4B8	<i>s</i> 1D4C8	<i>I</i> 1D4D8	<i>Y</i> 1D4E8	<i>o</i> 1D4F8	<i>E</i> 1D508	<i>U</i> 1D518	<i>ℓ</i> 1D528	<i>A</i> 1D538		<i>g</i> 1D558
9	<i>d</i> 1D4B9	<i>t</i> 1D4C9	<i>J</i> 1D4D9	<i>Z</i> 1D4E9	<i>p</i> 1D4F9	<i>F</i> 1D509	<i>W</i> 1D519	<i>l</i> 1D529	<i>B</i> 1D539		<i>h</i> 1D559
A		<i>u</i> 1D4CA	<i>K</i> 1D4DA	<i>a</i> 1D4EA	<i>q</i> 1D4FA	<i>G</i> 1D50A	<i>W</i> 1D51A	<i>m</i> 1D52A		<i>S</i> 1D54A	<i>i</i> 1D55A
B	<i>f</i> 1D4BB	<i>v</i> 1D4CB	<i>L</i> 1D4DB	<i>b</i> 1D4EB	<i>r</i> 1D4FB		<i>ℵ</i> 1D51B	<i>n</i> 1D52B	<i>D</i> 1D53B	<i>T</i> 1D54B	<i>j</i> 1D55B
C		<i>w</i> 1D4CC	<i>M</i> 1D4DC	<i>c</i> 1D4EC	<i>s</i> 1D4FC		<i>Q</i> 1D51C	<i>o</i> 1D52C	<i>E</i> 1D53C	<i>U</i> 1D54C	<i>k</i> 1D55C
D	<i>h</i> 1D4BD	<i>x</i> 1D4CD	<i>N</i> 1D4DD	<i>d</i> 1D4ED	<i>t</i> 1D4FD	<i>J</i> 1D50D		<i>p</i> 1D52D	<i>F</i> 1D53D	<i>V</i> 1D54D	<i>l</i> 1D55D
E	<i>i</i> 1D4BE	<i>y</i> 1D4CE	<i>O</i> 1D4DE	<i>e</i> 1D4EE	<i>u</i> 1D4FE	<i>K</i> 1D50E	<i>a</i> 1D51E	<i>q</i> 1D52E	<i>G</i> 1D53E	<i>W</i> 1D54E	<i>m</i> 1D55E
F	<i>j</i> 1D4BF	<i>z</i> 1D4CF	<i>P</i> 1D4DF	<i>f</i> 1D4EF	<i>v</i> 1D4FF	<i>L</i> 1D50F	<i>b</i> 1D51F	<i>r</i> 1D52F		<i>X</i> 1D54F	<i>n</i> 1D55F

G = 00
P = 01

Table 9 - Rows 1D4-1D5: Mathematical Alphanumeric Symbols

HEX	NAME	HEX	NAME
1D4B0	MATHEMATICAL SCRIPT CAPITAL U	1D50B	(This position shall not be used)
1D4B1	MATHEMATICAL SCRIPT CAPITAL V	1D50C	(This position shall not be used)
1D4B2	MATHEMATICAL SCRIPT CAPITAL W	1D50D	MATHEMATICAL FRAKTUR CAPITAL J
1D4B3	MATHEMATICAL SCRIPT CAPITAL X	1D50E	MATHEMATICAL FRAKTUR CAPITAL K
1D4B4	MATHEMATICAL SCRIPT CAPITAL Y	1D50F	MATHEMATICAL FRAKTUR CAPITAL L
1D4B5	MATHEMATICAL SCRIPT CAPITAL Z	1D510	MATHEMATICAL FRAKTUR CAPITAL M
1D4B6	MATHEMATICAL SCRIPT SMALL A	1D511	MATHEMATICAL FRAKTUR CAPITAL N
1D4B7	MATHEMATICAL SCRIPT SMALL B	1D512	MATHEMATICAL FRAKTUR CAPITAL O
1D4B8	MATHEMATICAL SCRIPT SMALL C	1D513	MATHEMATICAL FRAKTUR CAPITAL P
1D4B9	MATHEMATICAL SCRIPT SMALL D	1D514	MATHEMATICAL FRAKTUR CAPITAL Q
1D4BA	(This position shall not be used)	1D515	(This position shall not be used)
1D4BB	MATHEMATICAL SCRIPT SMALL F	1D516	MATHEMATICAL FRAKTUR CAPITAL S
1D4BC	(This position shall not be used)	1D517	MATHEMATICAL FRAKTUR CAPITAL T
1D4BD	MATHEMATICAL SCRIPT SMALL H	1D518	MATHEMATICAL FRAKTUR CAPITAL U
1D4BE	MATHEMATICAL SCRIPT SMALL I	1D519	MATHEMATICAL FRAKTUR CAPITAL V
1D4BF	MATHEMATICAL SCRIPT SMALL J	1D51A	MATHEMATICAL FRAKTUR CAPITAL W
1D4C0	MATHEMATICAL SCRIPT SMALL K	1D51B	MATHEMATICAL FRAKTUR CAPITAL X
1D4C1	(This position shall not be used)	1D51C	MATHEMATICAL FRAKTUR CAPITAL Y
1D4C2	MATHEMATICAL SCRIPT SMALL M	1D51D	(This position shall not be used)
1D4C3	MATHEMATICAL SCRIPT SMALL N	1D51E	MATHEMATICAL FRAKTUR SMALL A
1D4C4	(This position shall not be used)	1D51F	MATHEMATICAL FRAKTUR SMALL B
1D4C5	MATHEMATICAL SCRIPT SMALL P	1D520	MATHEMATICAL FRAKTUR SMALL C
1D4C6	MATHEMATICAL SCRIPT SMALL Q	1D521	MATHEMATICAL FRAKTUR SMALL D
1D4C7	MATHEMATICAL SCRIPT SMALL R	1D522	MATHEMATICAL FRAKTUR SMALL E
1D4C8	MATHEMATICAL SCRIPT SMALL S	1D523	MATHEMATICAL FRAKTUR SMALL F
1D4C9	MATHEMATICAL SCRIPT SMALL T	1D524	MATHEMATICAL FRAKTUR SMALL G
1D4CA	MATHEMATICAL SCRIPT SMALL U	1D525	MATHEMATICAL FRAKTUR SMALL H
1D4CB	MATHEMATICAL SCRIPT SMALL V	1D526	MATHEMATICAL FRAKTUR SMALL I
1D4CC	MATHEMATICAL SCRIPT SMALL W	1D527	MATHEMATICAL FRAKTUR SMALL J
1D4CD	MATHEMATICAL SCRIPT SMALL X	1D528	MATHEMATICAL FRAKTUR SMALL K
1D4CE	MATHEMATICAL SCRIPT SMALL Y	1D529	MATHEMATICAL FRAKTUR SMALL L
1D4CF	MATHEMATICAL SCRIPT SMALL Z	1D52A	MATHEMATICAL FRAKTUR SMALL M
1D4D0	MATHEMATICAL BOLD SCRIPT CAPITAL A	1D52B	MATHEMATICAL FRAKTUR SMALL N
1D4D1	MATHEMATICAL BOLD SCRIPT CAPITAL B	1D52C	MATHEMATICAL FRAKTUR SMALL O
1D4D2	MATHEMATICAL BOLD SCRIPT CAPITAL C	1D52D	MATHEMATICAL FRAKTUR SMALL P
1D4D3	MATHEMATICAL BOLD SCRIPT CAPITAL D	1D52E	MATHEMATICAL FRAKTUR SMALL Q
1D4D4	MATHEMATICAL BOLD SCRIPT CAPITAL E	1D52F	MATHEMATICAL FRAKTUR SMALL R
1D4D5	MATHEMATICAL BOLD SCRIPT CAPITAL F	1D530	MATHEMATICAL FRAKTUR SMALL S
1D4D6	MATHEMATICAL BOLD SCRIPT CAPITAL G	1D531	MATHEMATICAL FRAKTUR SMALL T
1D4D7	MATHEMATICAL BOLD SCRIPT CAPITAL H	1D532	MATHEMATICAL FRAKTUR SMALL U
1D4D8	MATHEMATICAL BOLD SCRIPT CAPITAL I	1D533	MATHEMATICAL FRAKTUR SMALL V
1D4D9	MATHEMATICAL BOLD SCRIPT CAPITAL J	1D534	MATHEMATICAL FRAKTUR SMALL W
1D4DA	MATHEMATICAL BOLD SCRIPT CAPITAL K	1D535	MATHEMATICAL FRAKTUR SMALL X
1D4DB	MATHEMATICAL BOLD SCRIPT CAPITAL L	1D536	MATHEMATICAL FRAKTUR SMALL Y
1D4DC	MATHEMATICAL BOLD SCRIPT CAPITAL M	1D537	MATHEMATICAL FRAKTUR SMALL Z
1D4DD	MATHEMATICAL BOLD SCRIPT CAPITAL N	1D538	MATHEMATICAL DOUBLE-STRUCK CAPITAL A
1D4DE	MATHEMATICAL BOLD SCRIPT CAPITAL O	1D539	MATHEMATICAL DOUBLE-STRUCK CAPITAL B
1D4DF	MATHEMATICAL BOLD SCRIPT CAPITAL P	1D53A	(This position shall not be used)
1D4E0	MATHEMATICAL BOLD SCRIPT CAPITAL Q	1D53B	MATHEMATICAL DOUBLE-STRUCK CAPITAL D
1D4E1	MATHEMATICAL BOLD SCRIPT CAPITAL R	1D53C	MATHEMATICAL DOUBLE-STRUCK CAPITAL E
1D4E2	MATHEMATICAL BOLD SCRIPT CAPITAL S	1D53D	MATHEMATICAL DOUBLE-STRUCK CAPITAL F
1D4E3	MATHEMATICAL BOLD SCRIPT CAPITAL T	1D53E	MATHEMATICAL DOUBLE-STRUCK CAPITAL G
1D4E4	MATHEMATICAL BOLD SCRIPT CAPITAL U	1D53F	(This position shall not be used)
1D4E5	MATHEMATICAL BOLD SCRIPT CAPITAL V	1D540	MATHEMATICAL DOUBLE-STRUCK CAPITAL I
1D4E6	MATHEMATICAL BOLD SCRIPT CAPITAL W	1D541	MATHEMATICAL DOUBLE-STRUCK CAPITAL J
1D4E7	MATHEMATICAL BOLD SCRIPT CAPITAL X	1D542	MATHEMATICAL DOUBLE-STRUCK CAPITAL K
1D4E8	MATHEMATICAL BOLD SCRIPT CAPITAL Y	1D543	MATHEMATICAL DOUBLE-STRUCK CAPITAL L
1D4E9	MATHEMATICAL BOLD SCRIPT CAPITAL Z	1D544	MATHEMATICAL DOUBLE-STRUCK CAPITAL M
1D4EA	MATHEMATICAL BOLD SCRIPT SMALL A	1D545	(This position shall not be used)
1D4EB	MATHEMATICAL BOLD SCRIPT SMALL B	1D546	MATHEMATICAL DOUBLE-STRUCK CAPITAL O
1D4EC	MATHEMATICAL BOLD SCRIPT SMALL C	1D547	(This position shall not be used)
1D4ED	MATHEMATICAL BOLD SCRIPT SMALL D	1D548	(This position shall not be used)
1D4EE	MATHEMATICAL BOLD SCRIPT SMALL E	1D549	(This position shall not be used)
1D4EF	MATHEMATICAL BOLD SCRIPT SMALL F	1D54A	MATHEMATICAL DOUBLE-STRUCK CAPITAL S
1D4F0	MATHEMATICAL BOLD SCRIPT SMALL G	1D54B	MATHEMATICAL DOUBLE-STRUCK CAPITAL T
1D4F1	MATHEMATICAL BOLD SCRIPT SMALL H	1D54C	MATHEMATICAL DOUBLE-STRUCK CAPITAL U
1D4F2	MATHEMATICAL BOLD SCRIPT SMALL I	1D54D	MATHEMATICAL DOUBLE-STRUCK CAPITAL V
1D4F3	MATHEMATICAL BOLD SCRIPT SMALL J	1D54E	MATHEMATICAL DOUBLE-STRUCK CAPITAL W
1D4F4	MATHEMATICAL BOLD SCRIPT SMALL K	1D54F	MATHEMATICAL DOUBLE-STRUCK CAPITAL X
1D4F5	MATHEMATICAL BOLD SCRIPT SMALL L	1D550	MATHEMATICAL DOUBLE-STRUCK CAPITAL Y
1D4F6	MATHEMATICAL BOLD SCRIPT SMALL M	1D551	(This position shall not be used)
1D4F7	MATHEMATICAL BOLD SCRIPT SMALL N	1D552	MATHEMATICAL DOUBLE-STRUCK SMALL A
1D4F8	MATHEMATICAL BOLD SCRIPT SMALL O	1D553	MATHEMATICAL DOUBLE-STRUCK SMALL B
1D4F9	MATHEMATICAL BOLD SCRIPT SMALL P	1D554	MATHEMATICAL DOUBLE-STRUCK SMALL C
1D4FA	MATHEMATICAL BOLD SCRIPT SMALL Q	1D555	MATHEMATICAL DOUBLE-STRUCK SMALL D
1D4FB	MATHEMATICAL BOLD SCRIPT SMALL R	1D556	MATHEMATICAL DOUBLE-STRUCK SMALL E
1D4FC	MATHEMATICAL BOLD SCRIPT SMALL S	1D557	MATHEMATICAL DOUBLE-STRUCK SMALL F
1D4FD	MATHEMATICAL BOLD SCRIPT SMALL T	1D558	MATHEMATICAL DOUBLE-STRUCK SMALL G
1D4FE	MATHEMATICAL BOLD SCRIPT SMALL U	1D559	MATHEMATICAL DOUBLE-STRUCK SMALL H
1D4FF	MATHEMATICAL BOLD SCRIPT SMALL V	1D55A	MATHEMATICAL DOUBLE-STRUCK SMALL I
1D500	MATHEMATICAL BOLD SCRIPT SMALL W	1D55B	MATHEMATICAL DOUBLE-STRUCK SMALL J
1D501	MATHEMATICAL BOLD SCRIPT SMALL X	1D55C	MATHEMATICAL DOUBLE-STRUCK SMALL K
1D502	MATHEMATICAL BOLD SCRIPT SMALL Y	1D55D	MATHEMATICAL DOUBLE-STRUCK SMALL L
1D503	MATHEMATICAL BOLD SCRIPT SMALL Z	1D55E	MATHEMATICAL DOUBLE-STRUCK SMALL M
1D504	MATHEMATICAL FRAKTUR CAPITAL A	1D55F	MATHEMATICAL DOUBLE-STRUCK SMALL N
1D505	MATHEMATICAL FRAKTUR CAPITAL B		
1D506	(This position shall not be used)		
1D507	MATHEMATICAL FRAKTUR CAPITAL D		
1D508	MATHEMATICAL FRAKTUR CAPITAL E		
1D509	MATHEMATICAL FRAKTUR CAPITAL F		
1D50A	MATHEMATICAL FRAKTUR CAPITAL G		

Group 00

Plane 01

Row D4

Table 10 - Rows 1D5-1D6: Mathematical Alphanumeric Symbols
 1D56 1D57 1D58 1D59 1D5A 1D5B 1D5C 1D5D 1D5E 1D5F 1D60

0	⓪ 1D560	Ⓖ 1D570	Ⓤ 1D580	Ⓣ 1D590	A 1D5A0	Q 1D5B0	g 1D5C0	w 1D5D0	M 1D5E0	c 1D5F0	s 1D600
1	Ⓟ 1D561	Ⓕ 1D571	Ⓖ 1D581	Ⓛ 1D591	B 1D5A1	R 1D5B1	h 1D5C1	x 1D5D1	N 1D5E1	d 1D5F1	t 1D601
2	Ⓢ 1D562	Ⓖ 1D572	Ⓖ 1D582	m 1D592	C 1D5A2	S 1D5B2	i 1D5C2	y 1D5D2	O 1D5E2	e 1D5F2	u 1D602
3	Ⓡ 1D563	Ⓕ 1D573	Ⓕ 1D583	n 1D593	D 1D5A3	T 1D5B3	j 1D5C3	z 1D5D3	P 1D5E3	f 1D5F3	v 1D603
4	Ⓢ 1D564	Ⓕ 1D574	Ⓖ 1D584	o 1D594	E 1D5A4	U 1D5B4	k 1D5C4	A 1D5D4	Q 1D5E4	g 1D5F4	w 1D604
5	Ⓣ 1D565	Ⓕ 1D575	Ⓖ 1D585	p 1D595	F 1D5A5	V 1D5B5	l 1D5C5	B 1D5D5	R 1D5E5	h 1D5F5	x 1D605
6	Ⓤ 1D566	Ⓕ 1D576	a 1D586	q 1D596	G 1D5A6	W 1D5B6	m 1D5C6	C 1D5D6	S 1D5E6	i 1D5F6	y 1D606
7	Ⓡ 1D567	Ⓕ 1D577	b 1D587	r 1D597	H 1D5A7	X 1D5B7	n 1D5C7	D 1D5D7	T 1D5E7	j 1D5F7	z 1D607
8	Ⓡ 1D568	Ⓜ 1D578	c 1D588	Ⓢ 1D598	l 1D5A8	Y 1D5B8	o 1D5C8	E 1D5D8	U 1D5E8	k 1D5F8	A 1D608
9	Ⓡ 1D569	Ⓕ 1D579	d 1D589	t 1D599	J 1D5A9	Z 1D5B9	p 1D5C9	F 1D5D9	V 1D5E9	l 1D5F9	B 1D609
A	y 1D56A	Ⓕ 1D57A	e 1D58A	u 1D59A	K 1D5AA	a 1D5BA	q 1D5CA	G 1D5DA	W 1D5EA	m 1D5FA	C 1D60A
B	z 1D56B	Ⓕ 1D57B	f 1D58B	v 1D59B	L 1D5AB	b 1D5BB	r 1D5CB	H 1D5DB	X 1D5EB	n 1D5FB	D 1D60B
C	Ⓕ 1D56C	Ⓕ 1D57C	g 1D58C	w 1D59C	M 1D5AC	c 1D5BC	s 1D5CC	l 1D5DC	Y 1D5EC	o 1D5FC	E 1D60C
D	Ⓕ 1D56D	Ⓕ 1D57D	h 1D58D	Ⓢ 1D59D	N 1D5AD	d 1D5BD	t 1D5CD	J 1D5DD	Z 1D5ED	p 1D5FD	F 1D60D
E	Ⓕ 1D56E	Ⓕ 1D57E	i 1D58E	Ⓢ 1D59E	O 1D5AE	e 1D5BE	u 1D5CE	K 1D5DE	a 1D5EE	q 1D5FE	G 1D60E
F	Ⓕ 1D56F	Ⓕ 1D57F	j 1D58F	Ⓢ 1D59F	P 1D5AF	f 1D5BF	v 1D5CF	L 1D5DF	b 1D5EF	r 1D5FF	H 1D60F

G = 00
P = 01

Table 11 - Row 1D6: Mathematical Alphanumeric Symbols

	1D61	1D62	1D63	1D64	1D65	1D66	1D67	1D68	1D69	1D6A	1D6B
0	<i>I</i> 1D610	<i>Y</i> 1D620	<i>o</i> 1D630	E 1D640	U 1D650	<i>k</i> 1D660	A 1D670	Q 1D680	<i>g</i> 1D690	<i>w</i> 1D6A0	I 1D6B0
1	J 1D611	Z 1D621	<i>p</i> 1D631	F 1D641	V 1D651	<i>l</i> 1D661	B 1D671	R 1D681	<i>h</i> 1D691	<i>x</i> 1D6A1	K 1D6B1
2	K 1D612	<i>a</i> 1D622	<i>q</i> 1D632	G 1D642	W 1D652	<i>m</i> 1D662	C 1D672	S 1D682	<i>i</i> 1D692	<i>y</i> 1D6A2	Λ 1D6B2
3	L 1D613	<i>b</i> 1D623	<i>r</i> 1D633	H 1D643	X 1D653	<i>n</i> 1D663	D 1D673	T 1D683	<i>j</i> 1D693	<i>z</i> 1D6A3	Μ 1D6B3
4	M 1D614	<i>c</i> 1D624	<i>s</i> 1D634	<i>l</i> 1D644	Y 1D654	<i>o</i> 1D664	E 1D674	U 1D684	<i>k</i> 1D694		N 1D6B4
5	N 1D615	<i>d</i> 1D625	<i>t</i> 1D635	J 1D645	Z 1D655	<i>p</i> 1D665	F 1D675	V 1D685	<i>l</i> 1D695		Ξ 1D6B5
6	O 1D616	<i>e</i> 1D626	<i>u</i> 1D636	K 1D646	<i>a</i> 1D656	<i>q</i> 1D666	G 1D676	W 1D686	<i>m</i> 1D696		Ο 1D6B6
7	P 1D617	<i>f</i> 1D627	<i>v</i> 1D637	L 1D647	<i>b</i> 1D657	<i>r</i> 1D667	H 1D677	X 1D687	<i>n</i> 1D697		Π 1D6B7
8	Q 1D618	<i>g</i> 1D628	<i>w</i> 1D638	M 1D648	<i>c</i> 1D658	s 1D668	I 1D678	Y 1D688	<i>o</i> 1D698	A 1D6A8	P 1D6B8
9	R 1D619	<i>h</i> 1D629	<i>x</i> 1D639	N 1D649	<i>d</i> 1D659	<i>t</i> 1D669	J 1D679	Z 1D689	<i>p</i> 1D699	B 1D6A9	Θ 1D6B9
A	S 1D61A	<i>i</i> 1D62A	<i>y</i> 1D63A	O 1D64A	<i>e</i> 1D65A	<i>u</i> 1D66A	K 1D67A	<i>a</i> 1D68A	<i>q</i> 1D69A	Γ 1D6AA	Σ 1D6BA
B	T 1D61B	<i>j</i> 1D62B	<i>z</i> 1D63B	P 1D64B	<i>f</i> 1D65B	<i>v</i> 1D66B	L 1D67B	<i>b</i> 1D68B	<i>r</i> 1D69B	Δ 1D6AB	Τ 1D6BB
C	U 1D61C	<i>k</i> 1D62C	A 1D63C	Q 1D64C	<i>g</i> 1D65C	<i>w</i> 1D66C	M 1D67C	<i>c</i> 1D68C	s 1D69C	E 1D6AC	Υ 1D6BC
D	V 1D61D	<i>l</i> 1D62D	B 1D63D	R 1D64D	<i>h</i> 1D65D	<i>x</i> 1D66D	N 1D67D	<i>d</i> 1D68D	<i>t</i> 1D69D	Z 1D6AD	Φ 1D6BD
E	W 1D61E	<i>m</i> 1D62E	C 1D63E	S 1D64E	<i>i</i> 1D65E	<i>y</i> 1D66E	O 1D67E	<i>e</i> 1D68E	<i>u</i> 1D69E	H 1D6AE	X 1D6BE
F	X 1D61F	<i>n</i> 1D62F	D 1D63F	T 1D64F	<i>j</i> 1D65F	<i>z</i> 1D66F	P 1D67F	<i>f</i> 1D68F	<i>v</i> 1D69F	Θ 1D6AF	Ψ 1D6BF

G = 00
P = 01

Table 11 - Row 1D6: Mathematical Alphanumeric Symbols

HEX	NAME	HEX	NAME
1D610	MATHEMATICAL SANS-SERIF ITALIC CAPITAL I	1D66B	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL V
1D611	MATHEMATICAL SANS-SERIF ITALIC CAPITAL J	1D66C	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL W
1D612	MATHEMATICAL SANS-SERIF ITALIC CAPITAL K	1D66D	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL X
1D613	MATHEMATICAL SANS-SERIF ITALIC CAPITAL L	1D66E	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Y
1D614	MATHEMATICAL SANS-SERIF ITALIC CAPITAL M	1D66F	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Z
1D615	MATHEMATICAL SANS-SERIF ITALIC CAPITAL N	1D670	MATHEMATICAL MONOSPACE CAPITAL A
1D616	MATHEMATICAL SANS-SERIF ITALIC CAPITAL O	1D671	MATHEMATICAL MONOSPACE CAPITAL B
1D617	MATHEMATICAL SANS-SERIF ITALIC CAPITAL P	1D672	MATHEMATICAL MONOSPACE CAPITAL C
1D618	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Q	1D673	MATHEMATICAL MONOSPACE CAPITAL D
1D619	MATHEMATICAL SANS-SERIF ITALIC CAPITAL R	1D674	MATHEMATICAL MONOSPACE CAPITAL E
1D61A	MATHEMATICAL SANS-SERIF ITALIC CAPITAL S	1D675	MATHEMATICAL MONOSPACE CAPITAL F
1D61B	MATHEMATICAL SANS-SERIF ITALIC CAPITAL T	1D676	MATHEMATICAL MONOSPACE CAPITAL G
1D61C	MATHEMATICAL SANS-SERIF ITALIC CAPITAL U	1D677	MATHEMATICAL MONOSPACE CAPITAL H
1D61D	MATHEMATICAL SANS-SERIF ITALIC CAPITAL V	1D678	MATHEMATICAL MONOSPACE CAPITAL I
1D61E	MATHEMATICAL SANS-SERIF ITALIC CAPITAL W	1D679	MATHEMATICAL MONOSPACE CAPITAL J
1D61F	MATHEMATICAL SANS-SERIF ITALIC CAPITAL X	1D67A	MATHEMATICAL MONOSPACE CAPITAL K
1D620	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Y	1D67B	MATHEMATICAL MONOSPACE CAPITAL L
1D621	MATHEMATICAL SANS-SERIF ITALIC CAPITAL Z	1D67C	MATHEMATICAL MONOSPACE CAPITAL M
1D622	MATHEMATICAL SANS-SERIF ITALIC SMALL A	1D67D	MATHEMATICAL MONOSPACE CAPITAL N
1D623	MATHEMATICAL SANS-SERIF ITALIC SMALL B	1D67E	MATHEMATICAL MONOSPACE CAPITAL O
1D624	MATHEMATICAL SANS-SERIF ITALIC SMALL C	1D67F	MATHEMATICAL MONOSPACE CAPITAL P
1D625	MATHEMATICAL SANS-SERIF ITALIC SMALL D	1D680	MATHEMATICAL MONOSPACE CAPITAL Q
1D626	MATHEMATICAL SANS-SERIF ITALIC SMALL E	1D681	MATHEMATICAL MONOSPACE CAPITAL R
1D627	MATHEMATICAL SANS-SERIF ITALIC SMALL F	1D682	MATHEMATICAL MONOSPACE CAPITAL S
1D628	MATHEMATICAL SANS-SERIF ITALIC SMALL G	1D683	MATHEMATICAL MONOSPACE CAPITAL T
1D629	MATHEMATICAL SANS-SERIF ITALIC SMALL H	1D684	MATHEMATICAL MONOSPACE CAPITAL U
1D62A	MATHEMATICAL SANS-SERIF ITALIC SMALL I	1D685	MATHEMATICAL MONOSPACE CAPITAL V
1D62B	MATHEMATICAL SANS-SERIF ITALIC SMALL J	1D686	MATHEMATICAL MONOSPACE CAPITAL W
1D62C	MATHEMATICAL SANS-SERIF ITALIC SMALL K	1D687	MATHEMATICAL MONOSPACE CAPITAL X
1D62D	MATHEMATICAL SANS-SERIF ITALIC SMALL L	1D688	MATHEMATICAL MONOSPACE CAPITAL Y
1D62E	MATHEMATICAL SANS-SERIF ITALIC SMALL M	1D689	MATHEMATICAL MONOSPACE CAPITAL Z
1D62F	MATHEMATICAL SANS-SERIF ITALIC SMALL N	1D68A	MATHEMATICAL MONOSPACE SMALL A
1D630	MATHEMATICAL SANS-SERIF ITALIC SMALL O	1D68B	MATHEMATICAL MONOSPACE SMALL B
1D631	MATHEMATICAL SANS-SERIF ITALIC SMALL P	1D68C	MATHEMATICAL MONOSPACE SMALL C
1D632	MATHEMATICAL SANS-SERIF ITALIC SMALL Q	1D68D	MATHEMATICAL MONOSPACE SMALL D
1D633	MATHEMATICAL SANS-SERIF ITALIC SMALL R	1D68E	MATHEMATICAL MONOSPACE SMALL E
1D634	MATHEMATICAL SANS-SERIF ITALIC SMALL S	1D68F	MATHEMATICAL MONOSPACE SMALL F
1D635	MATHEMATICAL SANS-SERIF ITALIC SMALL T	1D690	MATHEMATICAL MONOSPACE SMALL G
1D636	MATHEMATICAL SANS-SERIF ITALIC SMALL U	1D691	MATHEMATICAL MONOSPACE SMALL H
1D637	MATHEMATICAL SANS-SERIF ITALIC SMALL V	1D692	MATHEMATICAL MONOSPACE SMALL I
1D638	MATHEMATICAL SANS-SERIF ITALIC SMALL W	1D693	MATHEMATICAL MONOSPACE SMALL J
1D639	MATHEMATICAL SANS-SERIF ITALIC SMALL X	1D694	MATHEMATICAL MONOSPACE SMALL K
1D63A	MATHEMATICAL SANS-SERIF ITALIC SMALL Y	1D695	MATHEMATICAL MONOSPACE SMALL L
1D63B	MATHEMATICAL SANS-SERIF ITALIC SMALL Z	1D696	MATHEMATICAL MONOSPACE SMALL M
1D63C	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL A	1D697	MATHEMATICAL MONOSPACE SMALL N
1D63D	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL B	1D698	MATHEMATICAL MONOSPACE SMALL O
1D63E	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL C	1D699	MATHEMATICAL MONOSPACE SMALL P
1D63F	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL D	1D69A	MATHEMATICAL MONOSPACE SMALL Q
1D640	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL E	1D69B	MATHEMATICAL MONOSPACE SMALL R
1D641	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL F	1D69C	MATHEMATICAL MONOSPACE SMALL S
1D642	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL G	1D69D	MATHEMATICAL MONOSPACE SMALL T
1D643	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL H	1D69E	MATHEMATICAL MONOSPACE SMALL U
1D644	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL I	1D69F	MATHEMATICAL MONOSPACE SMALL V
1D645	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL J	1D6A0	MATHEMATICAL MONOSPACE SMALL W
1D646	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL K	1D6A1	MATHEMATICAL MONOSPACE SMALL X
1D647	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL L	1D6A2	MATHEMATICAL MONOSPACE SMALL Y
1D648	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL M	1D6A3	MATHEMATICAL MONOSPACE SMALL Z
1D649	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL N	1D6A4	(This position shall not be used)
1D64A	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL O	1D6A5	(This position shall not be used)
1D64B	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL P	1D6A6	(This position shall not be used)
1D64C	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Q	1D6A7	(This position shall not be used)
1D64D	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL R	1D6A8	MATHEMATICAL BOLD CAPITAL ALPHA
1D64E	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL S	1D6A9	MATHEMATICAL BOLD CAPITAL BETA
1D64F	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL T	1D6AA	MATHEMATICAL BOLD CAPITAL GAMMA
1D650	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL U	1D6AB	MATHEMATICAL BOLD CAPITAL DELTA
1D651	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL V	1D6AC	MATHEMATICAL BOLD CAPITAL EPSILON
1D652	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL W	1D6AD	MATHEMATICAL BOLD CAPITAL ZETA
1D653	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL X	1D6AE	MATHEMATICAL BOLD CAPITAL ETA
1D654	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Y	1D6AF	MATHEMATICAL BOLD CAPITAL THETA
1D655	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL Z	1D6B0	MATHEMATICAL BOLD CAPITAL IOTA
1D656	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL A	1D6B1	MATHEMATICAL BOLD CAPITAL KAPPA
1D657	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL B	1D6B2	MATHEMATICAL BOLD CAPITAL LAMDA
1D658	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL C	1D6B3	MATHEMATICAL BOLD CAPITAL MU
1D659	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL D	1D6B4	MATHEMATICAL BOLD CAPITAL NU
1D65A	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL E	1D6B5	MATHEMATICAL BOLD CAPITAL XI
1D65B	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL F	1D6B6	MATHEMATICAL BOLD CAPITAL OMICRON
1D65C	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL G	1D6B7	MATHEMATICAL BOLD CAPITAL PI
1D65D	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL H	1D6B8	MATHEMATICAL BOLD CAPITAL RHO
1D65E	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL I	1D6B9	MATHEMATICAL BOLD CAPITAL THETA SYMBOL
1D65F	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL J	1D6BA	MATHEMATICAL BOLD CAPITAL SIGMA
1D660	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL K	1D6BB	MATHEMATICAL BOLD CAPITAL TAU
1D661	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL L	1D6BC	MATHEMATICAL BOLD CAPITAL UPSILON
1D662	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL M	1D6BD	MATHEMATICAL BOLD CAPITAL PHI
1D663	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL N	1D6BE	MATHEMATICAL BOLD CAPITAL CHI
1D664	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL O	1D6BF	MATHEMATICAL BOLD CAPITAL PSI
1D665	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL P		
1D666	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL Q		
1D667	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL R		
1D668	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL S		
1D669	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL T		
1D66A	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL U		

Table 12 - Rows 1D6-1D7: Mathematical Alphanumeric Symbols

	1D6C	1D6D	1D6E	1D6F	1D70	1D71	1D72	1D73	1D74	1D75
0	Ω 1D6C0	ο 1D6D0	ρ 1D6E0	Ο 1D6F0	ε 1D700	υ 1D710	Ε 1D720	Υ 1D730	λ 1D740	ε 1D750
1	∇ 1D6C1	π 1D6D1	ϖ 1D6E1	Π 1D6F1	ζ 1D701	φ 1D711	Z 1D721	Φ 1D731	μ 1D741	ϑ 1D751
2	α 1D6C2	ρ 1D6D2	Α 1D6E2	Ρ 1D6F2	η 1D702	χ 1D712	Η 1D722	Χ 1D732	ν 1D742	κ 1D752
3	β 1D6C3	ς 1D6D3	Β 1D6E3	Θ 1D6F3	θ 1D703	ψ 1D713	Θ 1D723	Ψ 1D733	ξ 1D743	φ 1D753
4	γ 1D6C4	σ 1D6D4	Γ 1D6E4	Σ 1D6F4	ι 1D704	ω 1D714	Ι 1D724	Ω 1D734	ο 1D744	ρ 1D754
5	δ 1D6C5	τ 1D6D5	Δ 1D6E5	Τ 1D6F5	κ 1D705	θ 1D715	Κ 1D725	∇ 1D735	π 1D745	ϖ 1D755
6	ε 1D6C6	υ 1D6D6	Ε 1D6E6	Υ 1D6F6	λ 1D706	ε 1D716	Λ 1D726	α 1D736	ρ 1D746	Α 1D756
7	ζ 1D6C7	φ 1D6D7	Z 1D6E7	Φ 1D6F7	μ 1D707	ϑ 1D717	Μ 1D727	β 1D737	ς 1D747	Β 1D757
8	η 1D6C8	χ 1D6D8	Η 1D6E8	Χ 1D6F8	ν 1D708	κ 1D718	Ν 1D728	γ 1D738	σ 1D748	Γ 1D758
9	θ 1D6C9	ψ 1D6D9	Θ 1D6E9	Ψ 1D6F9	ξ 1D709	φ 1D719	Ξ 1D729	δ 1D739	τ 1D749	Δ 1D759
A	ι 1D6CA	ω 1D6DA	Ι 1D6EA	Ω 1D6FA	ο 1D70A	ρ 1D71A	Ο 1D72A	ε 1D73A	υ 1D74A	Ε 1D75A
B	κ 1D6CB	θ 1D6DB	Κ 1D6EB	∇ 1D6FB	π 1D70B	ϖ 1D71B	Π 1D72B	ζ 1D73B	φ 1D74B	Z 1D75B
C	λ 1D6CC	ε 1D6DC	Λ 1D6EC	α 1D6FC	ρ 1D70C	Α 1D71C	Ρ 1D72C	η 1D73C	χ 1D74C	Η 1D75C
D	μ 1D6CD	ϑ 1D6DD	Μ 1D6ED	β 1D6FD	ς 1D70D	Β 1D71D	Θ 1D72D	θ 1D73D	ψ 1D74D	Θ 1D75D
E	ν 1D6CE	κ 1D6DE	Ν 1D6EE	γ 1D6FE	σ 1D70E	Γ 1D71E	Σ 1D72E	ι 1D73E	ω 1D74E	Ι 1D75E
F	ξ 1D6CF	φ 1D6DF	Ξ 1D6EF	δ 1D6FF	τ 1D70F	Δ 1D71F	Τ 1D72F	κ 1D73F	θ 1D74F	Κ 1D75F

G = 00
P = 01

Table 12 - Rows 1D6-1D7: Mathematical Alphanumeric Symbols

HEX	NAME	HEX	NAME
1D6C0	MATHEMATICAL BOLD CAPITAL OMEGA	1D71B	MATHEMATICAL ITALIC PI SYMBOL
1D6C1	MATHEMATICAL BOLD NABLA	1D71C	MATHEMATICAL BOLD ITALIC CAPITAL ALPHA
1D6C2	MATHEMATICAL BOLD SMALL ALPHA	1D71D	MATHEMATICAL BOLD ITALIC CAPITAL BETA
1D6C3	MATHEMATICAL BOLD SMALL BETA	1D71E	MATHEMATICAL BOLD ITALIC CAPITAL GAMMA
1D6C4	MATHEMATICAL BOLD SMALL GAMMA	1D71F	MATHEMATICAL BOLD ITALIC CAPITAL DELTA
1D6C5	MATHEMATICAL BOLD SMALL DELTA	1D720	MATHEMATICAL BOLD ITALIC CAPITAL EPSILON
1D6C6	MATHEMATICAL BOLD SMALL EPSILON	1D721	MATHEMATICAL BOLD ITALIC CAPITAL ZETA
1D6C7	MATHEMATICAL BOLD SMALL ZETA	1D722	MATHEMATICAL BOLD ITALIC CAPITAL ETA
1D6C8	MATHEMATICAL BOLD SMALL ETA	1D723	MATHEMATICAL BOLD ITALIC CAPITAL THETA
1D6C9	MATHEMATICAL BOLD SMALL THETA	1D724	MATHEMATICAL BOLD ITALIC CAPITAL IOTA
1D6CA	MATHEMATICAL BOLD SMALL IOTA	1D725	MATHEMATICAL BOLD ITALIC CAPITAL KAPPA
1D6CB	MATHEMATICAL BOLD SMALL KAPPA	1D726	MATHEMATICAL BOLD ITALIC CAPITAL LAMDA
1D6CC	MATHEMATICAL BOLD SMALL LAMDA	1D727	MATHEMATICAL BOLD ITALIC CAPITAL MU
1D6CD	MATHEMATICAL BOLD SMALL MU	1D728	MATHEMATICAL BOLD ITALIC CAPITAL NU
1D6CE	MATHEMATICAL BOLD SMALL NU	1D729	MATHEMATICAL BOLD ITALIC CAPITAL XI
1D6CF	MATHEMATICAL BOLD SMALL XI	1D72A	MATHEMATICAL BOLD ITALIC CAPITAL OMICRON
1D6D0	MATHEMATICAL BOLD SMALL OMICRON	1D72B	MATHEMATICAL BOLD ITALIC CAPITAL PI
1D6D1	MATHEMATICAL BOLD SMALL PI	1D72C	MATHEMATICAL BOLD ITALIC CAPITAL RHO
1D6D2	MATHEMATICAL BOLD SMALL RHO	1D72D	MATHEMATICAL BOLD ITALIC CAPITAL THETA SYMBOL
1D6D3	MATHEMATICAL BOLD SMALL FINAL SIGMA	1D72E	MATHEMATICAL BOLD ITALIC CAPITAL SIGMA
1D6D4	MATHEMATICAL BOLD SMALL SIGMA	1D72F	MATHEMATICAL BOLD ITALIC CAPITAL TAU
1D6D5	MATHEMATICAL BOLD SMALL TAU	1D730	MATHEMATICAL BOLD ITALIC CAPITAL UPSILON
1D6D6	MATHEMATICAL BOLD SMALL UPSILON	1D731	MATHEMATICAL BOLD ITALIC CAPITAL PHI
1D6D7	MATHEMATICAL BOLD SMALL PHI	1D732	MATHEMATICAL BOLD ITALIC CAPITAL CHI
1D6D8	MATHEMATICAL BOLD SMALL CHI	1D733	MATHEMATICAL BOLD ITALIC CAPITAL PSI
1D6D9	MATHEMATICAL BOLD SMALL PSI	1D734	MATHEMATICAL BOLD ITALIC CAPITAL OMEGA
1D6DA	MATHEMATICAL BOLD SMALL OMEGA	1D735	MATHEMATICAL BOLD ITALIC NABLA
1D6DB	MATHEMATICAL BOLD PARTIAL DIFFERENTIAL	1D736	MATHEMATICAL BOLD ITALIC SMALL ALPHA
1D6DC	MATHEMATICAL BOLD EPSILON SYMBOL	1D737	MATHEMATICAL BOLD ITALIC SMALL BETA
1D6DD	MATHEMATICAL BOLD THETA SYMBOL	1D738	MATHEMATICAL BOLD ITALIC SMALL GAMMA
1D6DE	MATHEMATICAL BOLD KAPPA SYMBOL	1D739	MATHEMATICAL BOLD ITALIC SMALL DELTA
1D6DF	MATHEMATICAL BOLD PHI SYMBOL	1D73A	MATHEMATICAL BOLD ITALIC SMALL EPSILON
1D6E0	MATHEMATICAL BOLD RHO SYMBOL	1D73B	MATHEMATICAL BOLD ITALIC SMALL ZETA
1D6E1	MATHEMATICAL BOLD PI SYMBOL	1D73C	MATHEMATICAL BOLD ITALIC SMALL ETA
1D6E2	MATHEMATICAL ITALIC CAPITAL ALPHA	1D73D	MATHEMATICAL BOLD ITALIC SMALL THETA
1D6E3	MATHEMATICAL ITALIC CAPITAL BETA	1D73E	MATHEMATICAL BOLD ITALIC SMALL IOTA
1D6E4	MATHEMATICAL ITALIC CAPITAL GAMMA	1D73F	MATHEMATICAL BOLD ITALIC SMALL KAPPA
1D6E5	MATHEMATICAL ITALIC CAPITAL DELTA	1D740	MATHEMATICAL BOLD ITALIC SMALL LAMDA
1D6E6	MATHEMATICAL ITALIC CAPITAL EPSILON	1D741	MATHEMATICAL BOLD ITALIC SMALL MU
1D6E7	MATHEMATICAL ITALIC CAPITAL ZETA	1D742	MATHEMATICAL BOLD ITALIC SMALL NU
1D6E8	MATHEMATICAL ITALIC CAPITAL ETA	1D743	MATHEMATICAL BOLD ITALIC SMALL XI
1D6E9	MATHEMATICAL ITALIC CAPITAL THETA	1D744	MATHEMATICAL BOLD ITALIC SMALL OMICRON
1D6EA	MATHEMATICAL ITALIC CAPITAL IOTA	1D745	MATHEMATICAL BOLD ITALIC SMALL PI
1D6EB	MATHEMATICAL ITALIC CAPITAL KAPPA	1D746	MATHEMATICAL BOLD ITALIC SMALL RHO
1D6EC	MATHEMATICAL ITALIC CAPITAL LAMDA	1D747	MATHEMATICAL BOLD ITALIC SMALL FINAL SIGMA
1D6ED	MATHEMATICAL ITALIC CAPITAL MU	1D748	MATHEMATICAL BOLD ITALIC SMALL SIGMA
1D6EE	MATHEMATICAL ITALIC CAPITAL NU	1D749	MATHEMATICAL BOLD ITALIC SMALL TAU
1D6EF	MATHEMATICAL ITALIC CAPITAL XI	1D74A	MATHEMATICAL BOLD ITALIC SMALL UPSILON
1D6F0	MATHEMATICAL ITALIC CAPITAL OMICRON	1D74B	MATHEMATICAL BOLD ITALIC SMALL PHI
1D6F1	MATHEMATICAL ITALIC CAPITAL PI	1D74C	MATHEMATICAL BOLD ITALIC SMALL CHI
1D6F2	MATHEMATICAL ITALIC CAPITAL RHO	1D74D	MATHEMATICAL BOLD ITALIC SMALL PSI
1D6F3	MATHEMATICAL ITALIC CAPITAL THETA SYMBOL	1D74E	MATHEMATICAL BOLD ITALIC SMALL OMEGA
1D6F4	MATHEMATICAL ITALIC CAPITAL SIGMA	1D74F	MATHEMATICAL BOLD ITALIC PARTIAL DIFFERENTIAL
1D6F5	MATHEMATICAL ITALIC CAPITAL TAU	1D750	MATHEMATICAL BOLD ITALIC EPSILON SYMBOL
1D6F6	MATHEMATICAL ITALIC CAPITAL UPSILON	1D751	MATHEMATICAL BOLD ITALIC THETA SYMBOL
1D6F7	MATHEMATICAL ITALIC CAPITAL PHI	1D752	MATHEMATICAL BOLD ITALIC KAPPA SYMBOL
1D6F8	MATHEMATICAL ITALIC CAPITAL CHI	1D753	MATHEMATICAL BOLD ITALIC PHI SYMBOL
1D6F9	MATHEMATICAL ITALIC CAPITAL PSI	1D754	MATHEMATICAL BOLD ITALIC RHO SYMBOL
1D6FA	MATHEMATICAL ITALIC CAPITAL OMEGA	1D755	MATHEMATICAL BOLD ITALIC PI SYMBOL
1D6FB	MATHEMATICAL ITALIC NABLA	1D756	MATHEMATICAL SANS-SERIF BOLD CAPITAL ALPHA
1D6FC	MATHEMATICAL ITALIC SMALL ALPHA	1D757	MATHEMATICAL SANS-SERIF BOLD CAPITAL BETA
1D6FD	MATHEMATICAL ITALIC SMALL BETA	1D758	MATHEMATICAL SANS-SERIF BOLD CAPITAL GAMMA
1D6FE	MATHEMATICAL ITALIC SMALL GAMMA	1D759	MATHEMATICAL SANS-SERIF BOLD CAPITAL DELTA
1D6FF	MATHEMATICAL ITALIC SMALL DELTA	1D75A	MATHEMATICAL SANS-SERIF BOLD CAPITAL EPSILON
1D700	MATHEMATICAL ITALIC SMALL EPSILON	1D75B	MATHEMATICAL SANS-SERIF BOLD CAPITAL ZETA
1D701	MATHEMATICAL ITALIC SMALL ZETA	1D75C	MATHEMATICAL SANS-SERIF BOLD CAPITAL ETA
1D702	MATHEMATICAL ITALIC SMALL ETA	1D75D	MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA
1D703	MATHEMATICAL ITALIC SMALL THETA	1D75E	MATHEMATICAL SANS-SERIF BOLD CAPITAL IOTA
1D704	MATHEMATICAL ITALIC SMALL IOTA	1D75F	MATHEMATICAL SANS-SERIF BOLD CAPITAL KAPPA
1D705	MATHEMATICAL ITALIC SMALL KAPPA		
1D706	MATHEMATICAL ITALIC SMALL LAMDA		
1D707	MATHEMATICAL ITALIC SMALL MU		
1D708	MATHEMATICAL ITALIC SMALL NU		
1D709	MATHEMATICAL ITALIC SMALL XI		
1D70A	MATHEMATICAL ITALIC SMALL OMICRON		
1D70B	MATHEMATICAL ITALIC SMALL PI		
1D70C	MATHEMATICAL ITALIC SMALL RHO		
1D70D	MATHEMATICAL ITALIC SMALL FINAL SIGMA		
1D70E	MATHEMATICAL ITALIC SMALL SIGMA		
1D70F	MATHEMATICAL ITALIC SMALL TAU		
1D710	MATHEMATICAL ITALIC SMALL UPSILON		
1D711	MATHEMATICAL ITALIC SMALL PHI		
1D712	MATHEMATICAL ITALIC SMALL CHI		
1D713	MATHEMATICAL ITALIC SMALL PSI		
1D714	MATHEMATICAL ITALIC SMALL OMEGA		
1D715	MATHEMATICAL ITALIC PARTIAL DIFFERENTIAL		
1D716	MATHEMATICAL ITALIC EPSILON SYMBOL		
1D717	MATHEMATICAL ITALIC THETA SYMBOL		
1D718	MATHEMATICAL ITALIC KAPPA SYMBOL		
1D719	MATHEMATICAL ITALIC PHI SYMBOL		
1D71A	MATHEMATICAL ITALIC RHO SYMBOL		

Group 00

Plane 01

Row D6

Table 13 - Row 1D7: Mathematical Alphanumeric Symbols

1D76 1D77 1D78 1D79 1D7A 1D7B 1D7C 1D7D 1D7E 1D7F

0	Λ 1D760	α 1D770	ρ 1D780	A 1D790	P 1D7A0	η 1D7B0	χ 1D7C0	2 1D7D0	8 1D7E0	4 1D7F0
1	M 1D761	β 1D771	ς 1D781	B 1D791	Θ 1D7A1	θ 1D7B1	ψ 1D7C1	3 1D7D1	9 1D7E1	5 1D7F1
2	N 1D762	γ 1D772	σ 1D782	Γ 1D792	Σ 1D7A2	ι 1D7B2	ω 1D7C2	4 1D7D2	0 1D7E2	6 1D7F2
3	Ξ 1D763	δ 1D773	τ 1D783	Δ 1D793	T 1D7A3	κ 1D7B3	∂ 1D7C3	5 1D7D3	1 1D7E3	7 1D7F3
4	O 1D764	ε 1D774	υ 1D784	E 1D794	Υ 1D7A4	λ 1D7B4	ε 1D7C4	6 1D7D4	2 1D7E4	8 1D7F4
5	Π 1D765	ζ 1D775	φ 1D785	Z 1D795	Φ 1D7A5	μ 1D7B5	ϑ 1D7C5	7 1D7D5	3 1D7E5	9 1D7F5
6	P 1D766	η 1D776	χ 1D786	H 1D796	X 1D7A6	ν 1D7B6	κ 1D7C6	8 1D7D6	4 1D7E6	0 1D7F6
7	Θ 1D767	θ 1D777	ψ 1D787	Θ 1D797	Ψ 1D7A7	ξ 1D7B7	φ 1D7C7	9 1D7D7	5 1D7E7	1 1D7F7
8	Σ 1D768	ι 1D778	ω 1D788	I 1D798	Ω 1D7A8	ο 1D7B8	ρ 1D7C8	0 1D7D8	6 1D7E8	2 1D7F8
9	T 1D769	κ 1D779	∂ 1D789	K 1D799	∇ 1D7A9	π 1D7B9	ω 1D7C9	1 1D7D9	7 1D7E9	3 1D7F9
A	Υ 1D76A	λ 1D77A	ε 1D78A	Λ 1D79A	α 1D7AA	ρ 1D7BA		2 1D7DA	8 1D7EA	4 1D7FA
B	Φ 1D76B	μ 1D77B	ϑ 1D78B	M 1D79B	β 1D7AB	ς 1D7BB		3 1D7DB	9 1D7EB	5 1D7FB
C	X 1D76C	ν 1D77C	κ 1D78C	N 1D79C	γ 1D7AC	σ 1D7BC		4 1D7DC	0 1D7EC	6 1D7FC
D	Ψ 1D76D	ξ 1D77D	φ 1D78D	Ξ 1D79D	δ 1D7AD	τ 1D7BD		5 1D7DD	1 1D7ED	7 1D7FD
E	Ω 1D76E	ο 1D77E	ρ 1D78E	O 1D79E	ε 1D7AE	υ 1D7BE	0 1D7CE	6 1D7DE	2 1D7EE	8 1D7FE
F	∇ 1D76F	π 1D77F	ω 1D78F	Π 1D79F	ζ 1D7AF	φ 1D7BF	1 1D7CF	7 1D7DF	3 1D7EF	9 1D7FF

G = 00
P = 01

Table 13 - Row 1D7: Mathematical Alphanumeric Symbols

HEX	NAME	HEX	NAME
1D760	MATHEMATICAL SANS-SERIF BOLD CAPITAL LAMDA	1D7BB	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL FINAL SIGMA
1D761	MATHEMATICAL SANS-SERIF BOLD CAPITAL MU	1D7BC	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL SIGMA
1D762	MATHEMATICAL SANS-SERIF BOLD CAPITAL NU	1D7BD	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL TAU
1D763	MATHEMATICAL SANS-SERIF BOLD CAPITAL XI	1D7BE	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL UPSILON
1D764	MATHEMATICAL SANS-SERIF BOLD CAPITAL OMICRON	1D7BF	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PHI
1D765	MATHEMATICAL SANS-SERIF BOLD CAPITAL PI	1D7C0	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL CHI
1D766	MATHEMATICAL SANS-SERIF BOLD CAPITAL RHO	1D7C1	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PSI
1D767	MATHEMATICAL SANS-SERIF BOLD CAPITAL THETA SYMBOL	1D7C2	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMEGA
1D768	MATHEMATICAL SANS-SERIF BOLD CAPITAL SIGMA	1D7C3	MATHEMATICAL SANS-SERIF BOLD ITALIC PARTIAL DIFFERENTIAL
1D769	MATHEMATICAL SANS-SERIF BOLD CAPITAL TAU	1D7C4	MATHEMATICAL SANS-SERIF BOLD ITALIC EPSILON SYMBOL
1D76A	MATHEMATICAL SANS-SERIF BOLD CAPITAL UPSILON	1D7C5	MATHEMATICAL SANS-SERIF BOLD ITALIC THETA SYMBOL
1D76B	MATHEMATICAL SANS-SERIF BOLD CAPITAL PHI	1D7C6	MATHEMATICAL SANS-SERIF BOLD ITALIC KAPPA SYMBOL
1D76C	MATHEMATICAL SANS-SERIF BOLD CAPITAL CHI	1D7C7	MATHEMATICAL SANS-SERIF BOLD ITALIC PHI SYMBOL
1D76D	MATHEMATICAL SANS-SERIF BOLD CAPITAL PSI	1D7C8	MATHEMATICAL SANS-SERIF BOLD ITALIC RHO SYMBOL
1D76E	MATHEMATICAL SANS-SERIF BOLD CAPITAL OMEGA	1D7C9	MATHEMATICAL SANS-SERIF BOLD ITALIC PI SYMBOL
1D76F	MATHEMATICAL SANS-SERIF BOLD NABLA	1D7CA	(This position shall not be used)
1D770	MATHEMATICAL SANS-SERIF BOLD SMALL ALPHA	1D7CB	(This position shall not be used)
1D771	MATHEMATICAL SANS-SERIF BOLD SMALL BETA	1D7CC	(This position shall not be used)
1D772	MATHEMATICAL SANS-SERIF BOLD SMALL GAMMA	1D7CD	(This position shall not be used)
1D773	MATHEMATICAL SANS-SERIF BOLD SMALL DELTA	1D7CE	MATHEMATICAL BOLD DIGIT 0
1D774	MATHEMATICAL SANS-SERIF BOLD SMALL EPSILON	1D7CF	MATHEMATICAL BOLD DIGIT 1
1D775	MATHEMATICAL SANS-SERIF BOLD SMALL ZETA	1D7D0	MATHEMATICAL BOLD DIGIT 2
1D776	MATHEMATICAL SANS-SERIF BOLD SMALL ETA	1D7D1	MATHEMATICAL BOLD DIGIT 3
1D777	MATHEMATICAL SANS-SERIF BOLD SMALL THETA	1D7D2	MATHEMATICAL BOLD DIGIT 4
1D778	MATHEMATICAL SANS-SERIF BOLD SMALL IOTA	1D7D3	MATHEMATICAL BOLD DIGIT 5
1D779	MATHEMATICAL SANS-SERIF BOLD SMALL KAPPA	1D7D4	MATHEMATICAL BOLD DIGIT 6
1D77A	MATHEMATICAL SANS-SERIF BOLD SMALL LAMDA	1D7D5	MATHEMATICAL BOLD DIGIT 7
1D77B	MATHEMATICAL SANS-SERIF BOLD SMALL MU	1D7D6	MATHEMATICAL BOLD DIGIT 8
1D77C	MATHEMATICAL SANS-SERIF BOLD SMALL NU	1D7D7	MATHEMATICAL BOLD DIGIT 9
1D77D	MATHEMATICAL SANS-SERIF BOLD SMALL XI	1D7D8	MATHEMATICAL DOUBLE-STRUCK DIGIT 0
1D77E	MATHEMATICAL SANS-SERIF BOLD SMALL OMICRON	1D7D9	MATHEMATICAL DOUBLE-STRUCK DIGIT 1
1D77F	MATHEMATICAL SANS-SERIF BOLD SMALL PI	1D7DA	MATHEMATICAL DOUBLE-STRUCK DIGIT 2
1D780	MATHEMATICAL SANS-SERIF BOLD SMALL RHO	1D7DB	MATHEMATICAL DOUBLE-STRUCK DIGIT 3
1D781	MATHEMATICAL SANS-SERIF BOLD SMALL FINAL SIGMA	1D7DC	MATHEMATICAL DOUBLE-STRUCK DIGIT 4
1D782	MATHEMATICAL SANS-SERIF BOLD SMALL SIGMA	1D7DD	MATHEMATICAL DOUBLE-STRUCK DIGIT 5
1D783	MATHEMATICAL SANS-SERIF BOLD SMALL TAU	1D7DE	MATHEMATICAL DOUBLE-STRUCK DIGIT 6
1D784	MATHEMATICAL SANS-SERIF BOLD SMALL UPSILON	1D7DF	MATHEMATICAL DOUBLE-STRUCK DIGIT 7
1D785	MATHEMATICAL SANS-SERIF BOLD SMALL PHI	1D7E0	MATHEMATICAL DOUBLE-STRUCK DIGIT 8
1D786	MATHEMATICAL SANS-SERIF BOLD SMALL CHI	1D7E1	MATHEMATICAL DOUBLE-STRUCK DIGIT 9
1D787	MATHEMATICAL SANS-SERIF BOLD SMALL PSI	1D7E2	MATHEMATICAL SANS-SERIF DIGIT 0
1D788	MATHEMATICAL SANS-SERIF BOLD SMALL OMEGA	1D7E3	MATHEMATICAL SANS-SERIF DIGIT 1
1D789	MATHEMATICAL SANS-SERIF BOLD PARTIAL DIFFERENTIAL	1D7E4	MATHEMATICAL SANS-SERIF DIGIT 2
1D78A	MATHEMATICAL SANS-SERIF BOLD EPSILON SYMBOL	1D7E5	MATHEMATICAL SANS-SERIF DIGIT 3
1D78B	MATHEMATICAL SANS-SERIF BOLD THETA SYMBOL	1D7E6	MATHEMATICAL SANS-SERIF DIGIT 4
1D78C	MATHEMATICAL SANS-SERIF BOLD KAPPA SYMBOL	1D7E7	MATHEMATICAL SANS-SERIF DIGIT 5
1D78D	MATHEMATICAL SANS-SERIF BOLD PHI SYMBOL	1D7E8	MATHEMATICAL SANS-SERIF DIGIT 6
1D78E	MATHEMATICAL SANS-SERIF BOLD RHO SYMBOL	1D7E9	MATHEMATICAL SANS-SERIF DIGIT 7
1D78F	MATHEMATICAL SANS-SERIF BOLD PI SYMBOL	1D7EA	MATHEMATICAL SANS-SERIF DIGIT 8
1D790	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ALPHA	1D7EB	MATHEMATICAL SANS-SERIF DIGIT 9
1D791	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL BETA	1D7EC	MATHEMATICAL SANS-SERIF BOLD DIGIT 0
1D792	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL GAMMA	1D7ED	MATHEMATICAL SANS-SERIF BOLD DIGIT 1
1D793	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL DELTA	1D7EE	MATHEMATICAL SANS-SERIF BOLD DIGIT 2
1D794	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL EPSILON	1D7EF	MATHEMATICAL SANS-SERIF BOLD DIGIT 3
1D795	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ZETA	1D7F0	MATHEMATICAL SANS-SERIF BOLD DIGIT 4
1D796	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL ETA	1D7F1	MATHEMATICAL SANS-SERIF BOLD DIGIT 5
1D797	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA	1D7F2	MATHEMATICAL SANS-SERIF BOLD DIGIT 6
1D798	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL IOTA	1D7F3	MATHEMATICAL SANS-SERIF BOLD DIGIT 7
1D799	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL KAPPA	1D7F4	MATHEMATICAL SANS-SERIF BOLD DIGIT 8
1D79A	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL LAMDA	1D7F5	MATHEMATICAL SANS-SERIF BOLD DIGIT 9
1D79B	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL MU	1D7F6	MATHEMATICAL MONOSPACE DIGIT 0
1D79C	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL NU	1D7F7	MATHEMATICAL MONOSPACE DIGIT 1
1D79D	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL XI	1D7F8	MATHEMATICAL MONOSPACE DIGIT 2
1D79E	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMICRON	1D7F9	MATHEMATICAL MONOSPACE DIGIT 3
1D79F	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PI	1D7FA	MATHEMATICAL MONOSPACE DIGIT 4
1D7A0	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL RHO	1D7FB	MATHEMATICAL MONOSPACE DIGIT 5
1D7A1	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL THETA SYMBOL	1D7FC	MATHEMATICAL MONOSPACE DIGIT 6
1D7A2	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL SIGMA	1D7FD	MATHEMATICAL MONOSPACE DIGIT 7
1D7A3	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL TAU	1D7FE	MATHEMATICAL MONOSPACE DIGIT 8
1D7A4	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL UPSILON	1D7FF	MATHEMATICAL MONOSPACE DIGIT 9
1D7A5	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PHI		
1D7A6	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL CHI		
1D7A7	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL PSI		
1D7A8	MATHEMATICAL SANS-SERIF BOLD ITALIC CAPITAL OMEGA		
1D7A9	MATHEMATICAL SANS-SERIF BOLD ITALIC NABLA		
1D7AA	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ALPHA		
1D7AB	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL BETA		
1D7AC	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL GAMMA		
1D7AD	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL DELTA		
1D7AE	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL EPSILON		
1D7AF	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL ZETA		
1D7B0	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL THETA		
1D7B1	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL IOTA		
1D7B2	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL KAPPA		
1D7B3	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL LAMDA		
1D7B4	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL MU		
1D7B5	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL NU		
1D7B6	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL XI		
1D7B7	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL OMICRON		
1D7B8	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL PI		
1D7B9	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL RHO		
1D7BA	MATHEMATICAL SANS-SERIF BOLD ITALIC SMALL RHO		

Group 00

Plane 01

Row D7

Table 14 - Row 1FF: Unassigned

1FFF	
0	
1	
2	
3	
4	
5	
6	
7	G = 00 P = 01
8	
9	
A	
B	
C	
D	
E	1FFFE
F	1FFFF

Table 14 - Row 1FF: Unassigned

HEX	NAME	HEX	NAME
1FFF0	(This position shall not be used)		
1FFF1	(This position shall not be used)		
1FFF2	(This position shall not be used)		
1FFF3	(This position shall not be used)		
1FFF4	(This position shall not be used)		
1FFF5	(This position shall not be used)		
1FFF6	(This position shall not be used)		
1FFF7	(This position shall not be used)		
1FFF8	(This position shall not be used)		
1FFF9	(This position shall not be used)		
1FFFA	(This position shall not be used)		
1FFFB	(This position shall not be used)		
1FFFC	(This position shall not be used)		
1FFFD	(This position shall not be used)		
1FFFE	(Not specified by this International Standard)		
1FFFF	(Not specified by this International Standard)		

Group 00

Plane 01

Row FF

Table 15 - Row 2F8: CJK Compatibility Ideographs Supplement

	2F80	2F81	2F82	2F83	2F84	2F85	2F86	2F87	2F88
0	丽 2F800	爨 2F810	刻 2F820	卽 2F830	𠵽 2F840	切 2F850	妣 2F860	寶 2F870	嶰 2F880
1	丸 2F801	具 2F811	剗 2F821	卿 2F831	𠵽 2F841	壯 2F851	姍 2F861	𠵽 2F871	巡 2F881
2	𠵽 2F802	與 2F812	割 2F822	卿 2F832	唐 2F842	城 2F852	姬 2F862	寿 2F872	巢 2F882
3	画 2F803	巔 2F813	剗 2F823	卿 2F833	啓 2F843	埴 2F853	娛 2F863	将 2F873	呂 2F883
4	你 2F804	内 2F814	𠵽 2F824	𠵽 2F834	𠵽 2F844	𠵽 2F854	姍 2F864	𠵽 2F874	巽 2F884
5	侮 2F805	再 2F815	勇 2F825	灰 2F835	善 2F845	型 2F855	姍 2F865	尢 2F875	悅 2F885
6	悅 2F806	冊 2F816	勉 2F826	及 2F836	善 2F846	聖 2F856	婦 2F866	尨 2F876	帽 2F886
7	併 2F807	冗 2F817	勤 2F827	叟 2F837	喙 2F847	報 2F857	媵 2F867	屠 2F877	幘 2F887
8	俗 2F808	冤 2F818	勺 2F828	𠵽 2F838	喫 2F848	墜 2F858	媵 2F868	𠵽 2F878	幘 2F888
9	備 2F809	𠵽 2F819	包 2F829	叫 2F839	渣 2F849	墜 2F859	媵 2F869	𠵽 2F879	幘 2F889
A	僧 2F80A	冬 2F81A	匆 2F82A	𠵽 2F83A	𠵽 2F84A	壳 2F85A	媵 2F86A	𠵽 2F87A	庋 2F88A
B	像 2F80B	况 2F81B	北 2F82B	𠵽 2F83B	圖 2F84B	壺 2F85B	媵 2F86B	𠵽 2F87B	庋 2F88B
C	儻 2F80C	靚 2F81C	卉 2F82C	𠵽 2F83C	嘆 2F84C	𠵽 2F85C	𠵽 2F86C	𠵽 2F87C	庋 2F88C
D	充 2F80D	𠵽 2F81D	卑 2F82D	吸 2F83D	圖 2F84D	多 2F85D	寃 2F86D	𠵽 2F87D	庋 2F88D
E	免 2F80E	刃 2F81E	博 2F82E	呈 2F83E	𠵽 2F84E	夢 2F85E	寃 2F86E	嶰 2F87E	廊 2F88E
F	免 2F80F	剗 2F81F	卽 2F82F	周 2F83F	噴 2F84F	奢 2F85F	寧 2F86F	嶰 2F87F	庋 2F88F

G = 00
P = 02

Table 16 - Rows 2F8-2F9: CJK Compatibility Ideographs Supplement

	2F89	2F8A	2F8B	2F8C	2F8D	2F8E	2F8F	2F90	2F91
0	卅 2F890	恂 2F8A0	懲 2F8B0	擎 2F8C0	盪 2F8D0	枿 2F8E0	歟 2F8F0	派 2F900	溻 2F910
1	舛 2F891	慌 2F8A1	懶 2F8B1	掩 2F8C1	泉 2F8D1	柰 2F8E1	歟 2F8F1	海 2F901	溻 2F911
2	舛 2F892	恻 2F8A2	成 2F8B2	挽 2F8C2	冒 2F8D2	梅 2F8E2	歟 2F8F2	流 2F902	瀆 2F912
3	舛 2F893	悔 2F8A3	戛 2F8B3	摩 2F8C3	冕 2F8D3	柵 2F8E3	歲 2F8F3	浩 2F903	淪 2F913
4	𠂔 2F894	悚 2F8A4	朽 2F8B4	攪 2F8C4	最 2F8D4	柁 2F8E4	殞 2F8F4	浸 2F904	澗 2F914
5	𠂔 2F895	惇 2F8A5	抱 2F8B5	搗 2F8C5	晉 2F8D5	枿 2F8E5	殺 2F8F5	涇 2F905	瀛 2F915
6	帚 2F896	慈 2F8A6	拔 2F8B6	攪 2F8C6	𦉳 2F8D6	櫛 2F8E6	殼 2F8F6	涇 2F906	灑 2F916
7	𦉳 2F897	慌 2F8A7	拊 2F8B7	攪 2F8C7	肱 2F8D7	柳 2F8E7	殿 2F8F7	泝 2F907	灑 2F917
8	彙 2F898	慎 2F8A8	援 2F8B8	敏 2F8C8	朗 2F8D8	楂 2F8E8	毒 2F8F8	港 2F908	災 2F918
9	形 2F899	慌 2F8A9	挽 2F8B9	敬 2F8C9	望 2F8D9	槲 2F8E9	箭 2F8F9	湮 2F909	舛 2F919
A	彫 2F89A	樓 2F8AA	拊 2F8BA	𦉳 2F8CA	𦉳 2F8DA	概 2F8EA	汎 2F8FA	漉 2F90A	炭 2F91A
B	狹 2F89B	憎 2F8AB	捨 2F8BB	旣 2F8CB	杞 2F8DB	槎 2F8EB	沈 2F8FB	滋 2F90B	兼 2F91B
C	徠 2F89C	憲 2F8AC	掃 2F8BC	書 2F8CC	杓 2F8DC	檝 2F8EC	沿 2F8FC	溘 2F90C	燬 2F91C
D	忍 2F89D	憤 2F8AD	擲 2F8BD	晉 2F8CD	𦉳 2F8DD	櫛 2F8ED	泝 2F8FD	澗 2F90D	燬 2F91D
E	志 2F89E	憊 2F8AE	揆 2F8BE	鳴 2F8CE	𦉳 2F8DE	櫛 2F8EE	汧 2F8FE	溘 2F90E	燬 2F91E
F	任 2F89F	懞 2F8AF	搯 2F8BF	暑 2F8CF	拐 2F8DF	次 2F8EF	𦉳 2F8FF	潮 2F90F	糞 2F91F

G = 00
P = 02

Table 17 - Row 2F9: CJK Compatibility Ideographs Supplement

	2F92	2F93	2F94	2F95	2F96	2F97	2F98	2F99
0	爨 2F920	璵 2F930	直 2F940	磧 2F950	笄 2F960	纛 2F970	冑 2F980	芋 2F990
1	爵 2F921	璫 2F931	眇 2F941	礪 2F951	箒 2F961	纛 2F971	旺 2F981	芝 2F991
2	牖 2F922	瓊 2F932	昇 2F942	袂 2F952	篆 2F962	研 2F972	育 2F982	勞 2F992
3	鬻 2F923	瓶 2F933	眇 2F943	租 2F953	築 2F963	鏹 2F973	脆 2F983	花 2F993
4	犀 2F924	狴 2F934	眾 2F944	禡 2F954	篤 2F964	罨 2F974	臄 2F984	勞 2F994
5	獮 2F925	串 2F935	眞 2F945	褶 2F955	籩 2F965	罨 2F975	脾 2F985	芽 2F995
6	狷 2F926	笛 2F936	眞 2F946	福 2F956	糲 2F966	罨 2F976	媵 2F986	苦 2F996
7	獺 2F927	畊 2F937	眞 2F947	秣 2F957	槩 2F967	纛 2F977	腦 2F987	荼 2F997
8	獺 2F928	異 2F938	眇 2F948	秣 2F958	糲 2F968	羨 2F978	臄 2F988	若 2F998
9	王 2F929	畊 2F939	眇 2F949	穀 2F959	糲 2F969	翽 2F979	臄 2F989	茈 2F999
A	玠 2F92A	瘼 2F93A	瞋 2F94A	概 2F95A	紀 2F96A	者 2F97A	臄 2F98A	茈 2F99A
B	玠 2F92B	嚙 2F93B	睽 2F94B	穩 2F95B	紉 2F96B	端 2F97B	舁 2F98B	節 2F99B
C	堡 2F92C	嚙 2F93C	否 2F94C	龠 2F95C	緝 2F96C	穉 2F97C	烏 2F98C	莫 2F99C
D	堡 2F92D	盃 2F93D	矧 2F94D	嶺 2F95D	纓 2F96D	聃 2F97D	辭 2F98D	莽 2F99D
E	璫 2F92E	益 2F93E	硯 2F94E	嶺 2F95E	緝 2F96E	聃 2F97E	駢 2F98E	葳 2F99E
F	瑜 2F92F	盃 2F93F	碌 2F94F	嶺 2F95F	總 2F96F	聰 2F97F	芑 2F98F	著 2F99F

G = 00
P = 02

Table 18 - Rows 2F9-2FA: CJK Compatibility Ideographs Supplement

	2F9A	2F9B	2F9C	2F9D	2F9E	2F9F	2FA0	2FA1
0	𪛀 2F9A0	𪛁 2F9B0	𪛂 2F9C0	𪛃 2F9D0	𪛄 2F9E0	𪛅 2F9F0	𪛆 2FA00	𪛇 2FA10
1	𪛈 2F9A1	𪛉 2F9B1	𪛊 2F9C1	𪛋 2F9D1	𪛌 2F9E1	𪛍 2F9F1	𪛎 2FA01	𪛏 2FA11
2	𪛐 2F9A2	𪛑 2F9B2	𪛒 2F9C2	𪛓 2F9D2	𪛔 2F9E2	𪛕 2F9F2	𪛖 2FA02	𪛗 2FA12
3	𪛘 2F9A3	𪛙 2F9B3	𪛚 2F9C3	𪛛 2F9D3	𪛜 2F9E3	𪛝 2F9F3	𪛞 2FA03	𪛟 2FA13
4	𪛡 2F9A4	𪛢 2F9B4	𪛣 2F9C4	𪛤 2F9D4	𪛥 2F9E4	𪛦 2F9F4	𪛧 2FA04	𪛨 2FA14
5	𪛪 2F9A5	𪛫 2F9B5	𪛬 2F9C5	𪛭 2F9D5	𪛮 2F9E5	𪛯 2F9F5	𪛰 2FA05	𪛱 2FA15
6	𪛳 2F9A6	𪛴 2F9B6	𪛵 2F9C6	𪛶 2F9D6	𪛷 2F9E6	𪛸 2F9F6	𪛹 2FA06	𪛺 2FA16
7	𪛼 2F9A7	𪛽 2F9B7	𪛾 2F9C7	𪛿 2F9D7	𪜀 2F9E7	𪜁 2F9F7	𪜂 2FA07	𪜃 2FA17
8	𪜄 2F9A8	𪜅 2F9B8	𪜆 2F9C8	𪜇 2F9D8	𪜈 2F9E8	𪜉 2F9F8	𪜊 2FA08	𪜋 2FA18
9	𪜌 2F9A9	𪜍 2F9B9	𪜎 2F9C9	𪜏 2F9D9	𪜐 2F9E9	𪜑 2F9F9	𪜒 2FA09	𪜓 2FA19
A	𪜔 2F9AA	𪜕 2F9BA	𪜖 2F9CA	𪜗 2F9DA	𪜘 2F9EA	𪜙 2F9FA	𪜚 2FA0A	𪜛 2FA1A
B	𪜝 2F9AB	𪜞 2F9BB	𪜟 2F9CB	𪜠 2F9DB	𪜡 2F9EB	𪜢 2F9FB	𪜣 2FA0B	𪜤 2FA1B
C	𪜦 2F9AC	𪜧 2F9BC	𪜨 2F9CC	𪜩 2F9DC	𪜪 2F9EC	𪜫 2F9FC	𪜬 2FA0C	𪜭 2FA1C
D	𪜯 2F9AD	𪜰 2F9BD	𪜱 2F9CD	𪜲 2F9DD	𪜳 2F9ED	𪜴 2F9FD	𪜵 2FA0D	𪜶 2FA1D
E	𪜷 2F9AE	𪜸 2F9BE	𪜹 2F9CE	𪜺 2F9DE	𪜻 2F9EE	𪜼 2F9FE	𪜽 2FA0E	
F	𪜿 2F9AF	𪝀 2F9BF	𪝁 2F9CF	𪝂 2F9DF	𪝃 2F9EF	𪝄 2F9FF	𪝅 2FA0F	

G = 00
P = 02

Table 18 - Rows 2F9-2FA: CJK Compatibility Ideographs Supplement

HEX	NAME	HEX	NAME
2F9A0	CJK COMPATIBILITY IDEOGRAPH-2F9A0	2F9FB	CJK COMPATIBILITY IDEOGRAPH-2F9FB
2F9A1	CJK COMPATIBILITY IDEOGRAPH-2F9A1	2F9FC	CJK COMPATIBILITY IDEOGRAPH-2F9FC
2F9A2	CJK COMPATIBILITY IDEOGRAPH-2F9A2	2F9FD	CJK COMPATIBILITY IDEOGRAPH-2F9FD
2F9A3	CJK COMPATIBILITY IDEOGRAPH-2F9A3	2F9FE	CJK COMPATIBILITY IDEOGRAPH-2F9FE
2F9A4	CJK COMPATIBILITY IDEOGRAPH-2F9A4	2F9FF	CJK COMPATIBILITY IDEOGRAPH-2F9FF
2F9A5	CJK COMPATIBILITY IDEOGRAPH-2F9A5	2FA00	CJK COMPATIBILITY IDEOGRAPH-2FA00
2F9A6	CJK COMPATIBILITY IDEOGRAPH-2F9A6	2FA01	CJK COMPATIBILITY IDEOGRAPH-2FA01
2F9A7	CJK COMPATIBILITY IDEOGRAPH-2F9A7	2FA02	CJK COMPATIBILITY IDEOGRAPH-2FA02
2F9A8	CJK COMPATIBILITY IDEOGRAPH-2F9A8	2FA03	CJK COMPATIBILITY IDEOGRAPH-2FA03
2F9A9	CJK COMPATIBILITY IDEOGRAPH-2F9A9	2FA04	CJK COMPATIBILITY IDEOGRAPH-2FA04
2F9AA	CJK COMPATIBILITY IDEOGRAPH-2F9AA	2FA05	CJK COMPATIBILITY IDEOGRAPH-2FA05
2F9AB	CJK COMPATIBILITY IDEOGRAPH-2F9AB	2FA06	CJK COMPATIBILITY IDEOGRAPH-2FA06
2F9AC	CJK COMPATIBILITY IDEOGRAPH-2F9AC	2FA07	CJK COMPATIBILITY IDEOGRAPH-2FA07
2F9AD	CJK COMPATIBILITY IDEOGRAPH-2F9AD	2FA08	CJK COMPATIBILITY IDEOGRAPH-2FA08
2F9AE	CJK COMPATIBILITY IDEOGRAPH-2F9AE	2FA09	CJK COMPATIBILITY IDEOGRAPH-2FA09
2F9AF	CJK COMPATIBILITY IDEOGRAPH-2F9AF	2FA0A	CJK COMPATIBILITY IDEOGRAPH-2FA0A
2F9B0	CJK COMPATIBILITY IDEOGRAPH-2F9B0	2FA0B	CJK COMPATIBILITY IDEOGRAPH-2FA0B
2F9B1	CJK COMPATIBILITY IDEOGRAPH-2F9B1	2FA0C	CJK COMPATIBILITY IDEOGRAPH-2FA0C
2F9B2	CJK COMPATIBILITY IDEOGRAPH-2F9B2	2FA0D	CJK COMPATIBILITY IDEOGRAPH-2FA0D
2F9B3	CJK COMPATIBILITY IDEOGRAPH-2F9B3	2FA0E	CJK COMPATIBILITY IDEOGRAPH-2FA0E
2F9B4	CJK COMPATIBILITY IDEOGRAPH-2F9B4	2FA0F	CJK COMPATIBILITY IDEOGRAPH-2FA0F
2F9B5	CJK COMPATIBILITY IDEOGRAPH-2F9B5	2FA10	CJK COMPATIBILITY IDEOGRAPH-2FA10
2F9B6	CJK COMPATIBILITY IDEOGRAPH-2F9B6	2FA11	CJK COMPATIBILITY IDEOGRAPH-2FA11
2F9B7	CJK COMPATIBILITY IDEOGRAPH-2F9B7	2FA12	CJK COMPATIBILITY IDEOGRAPH-2FA12
2F9B8	CJK COMPATIBILITY IDEOGRAPH-2F9B8	2FA13	CJK COMPATIBILITY IDEOGRAPH-2FA13
2F9B9	CJK COMPATIBILITY IDEOGRAPH-2F9B9	2FA14	CJK COMPATIBILITY IDEOGRAPH-2FA14
2F9BA	CJK COMPATIBILITY IDEOGRAPH-2F9BA	2FA15	CJK COMPATIBILITY IDEOGRAPH-2FA15
2F9BB	CJK COMPATIBILITY IDEOGRAPH-2F9BB	2FA16	CJK COMPATIBILITY IDEOGRAPH-2FA16
2F9BC	CJK COMPATIBILITY IDEOGRAPH-2F9BC	2FA17	CJK COMPATIBILITY IDEOGRAPH-2FA17
2F9BD	CJK COMPATIBILITY IDEOGRAPH-2F9BD	2FA18	CJK COMPATIBILITY IDEOGRAPH-2FA18
2F9BE	CJK COMPATIBILITY IDEOGRAPH-2F9BE	2FA19	CJK COMPATIBILITY IDEOGRAPH-2FA19
2F9BF	CJK COMPATIBILITY IDEOGRAPH-2F9BF	2FA1A	CJK COMPATIBILITY IDEOGRAPH-2FA1A
2F9C0	CJK COMPATIBILITY IDEOGRAPH-2F9C0	2FA1B	CJK COMPATIBILITY IDEOGRAPH-2FA1B
2F9C1	CJK COMPATIBILITY IDEOGRAPH-2F9C1	2FA1C	CJK COMPATIBILITY IDEOGRAPH-2FA1C
2F9C2	CJK COMPATIBILITY IDEOGRAPH-2F9C2	2FA1D	CJK COMPATIBILITY IDEOGRAPH-2FA1D
2F9C3	CJK COMPATIBILITY IDEOGRAPH-2F9C3	2FA1E	(This position shall not be used)
2F9C4	CJK COMPATIBILITY IDEOGRAPH-2F9C4	2FA1F	(This position shall not be used)
2F9C5	CJK COMPATIBILITY IDEOGRAPH-2F9C5		
2F9C6	CJK COMPATIBILITY IDEOGRAPH-2F9C6		
2F9C7	CJK COMPATIBILITY IDEOGRAPH-2F9C7		
2F9C8	CJK COMPATIBILITY IDEOGRAPH-2F9C8		
2F9C9	CJK COMPATIBILITY IDEOGRAPH-2F9C9		
2F9CA	CJK COMPATIBILITY IDEOGRAPH-2F9CA		
2F9CB	CJK COMPATIBILITY IDEOGRAPH-2F9CB		
2F9CC	CJK COMPATIBILITY IDEOGRAPH-2F9CC		
2F9CD	CJK COMPATIBILITY IDEOGRAPH-2F9CD		
2F9CE	CJK COMPATIBILITY IDEOGRAPH-2F9CE		
2F9CF	CJK COMPATIBILITY IDEOGRAPH-2F9CF		
2F9D0	CJK COMPATIBILITY IDEOGRAPH-2F9D0		
2F9D1	CJK COMPATIBILITY IDEOGRAPH-2F9D1		
2F9D2	CJK COMPATIBILITY IDEOGRAPH-2F9D2		
2F9D3	CJK COMPATIBILITY IDEOGRAPH-2F9D3		
2F9D4	CJK COMPATIBILITY IDEOGRAPH-2F9D4		
2F9D5	CJK COMPATIBILITY IDEOGRAPH-2F9D5		
2F9D6	CJK COMPATIBILITY IDEOGRAPH-2F9D6		
2F9D7	CJK COMPATIBILITY IDEOGRAPH-2F9D7		
2F9D8	CJK COMPATIBILITY IDEOGRAPH-2F9D8		
2F9D9	CJK COMPATIBILITY IDEOGRAPH-2F9D9		
2F9DA	CJK COMPATIBILITY IDEOGRAPH-2F9DA		
2F9DB	CJK COMPATIBILITY IDEOGRAPH-2F9DB		
2F9DC	CJK COMPATIBILITY IDEOGRAPH-2F9DC		
2F9DD	CJK COMPATIBILITY IDEOGRAPH-2F9DD		
2F9DE	CJK COMPATIBILITY IDEOGRAPH-2F9DE		
2F9DF	CJK COMPATIBILITY IDEOGRAPH-2F9DF		
2F9E0	CJK COMPATIBILITY IDEOGRAPH-2F9E0		
2F9E1	CJK COMPATIBILITY IDEOGRAPH-2F9E1		
2F9E2	CJK COMPATIBILITY IDEOGRAPH-2F9E2		
2F9E3	CJK COMPATIBILITY IDEOGRAPH-2F9E3		
2F9E4	CJK COMPATIBILITY IDEOGRAPH-2F9E4		
2F9E5	CJK COMPATIBILITY IDEOGRAPH-2F9E5		
2F9E6	CJK COMPATIBILITY IDEOGRAPH-2F9E6		
2F9E7	CJK COMPATIBILITY IDEOGRAPH-2F9E7		
2F9E8	CJK COMPATIBILITY IDEOGRAPH-2F9E8		
2F9E9	CJK COMPATIBILITY IDEOGRAPH-2F9E9		
2F9EA	CJK COMPATIBILITY IDEOGRAPH-2F9EA		
2F9EB	CJK COMPATIBILITY IDEOGRAPH-2F9EB		
2F9EC	CJK COMPATIBILITY IDEOGRAPH-2F9EC		
2F9ED	CJK COMPATIBILITY IDEOGRAPH-2F9ED		
2F9EE	CJK COMPATIBILITY IDEOGRAPH-2F9EE		
2F9EF	CJK COMPATIBILITY IDEOGRAPH-2F9EF		
2F9F0	CJK COMPATIBILITY IDEOGRAPH-2F9F0		
2F9F1	CJK COMPATIBILITY IDEOGRAPH-2F9F1		
2F9F2	CJK COMPATIBILITY IDEOGRAPH-2F9F2		
2F9F3	CJK COMPATIBILITY IDEOGRAPH-2F9F3		
2F9F4	CJK COMPATIBILITY IDEOGRAPH-2F9F4		
2F9F5	CJK COMPATIBILITY IDEOGRAPH-2F9F5		
2F9F6	CJK COMPATIBILITY IDEOGRAPH-2F9F6		
2F9F7	CJK COMPATIBILITY IDEOGRAPH-2F9F7		
2F9F8	CJK COMPATIBILITY IDEOGRAPH-2F9F8		
2F9F9	CJK COMPATIBILITY IDEOGRAPH-2F9F9		
2F9FA	CJK COMPATIBILITY IDEOGRAPH-2F9FA		

Group 00

Plane 01

Row F9

Table 19 - Row 2FF: Unassigned

2FFF	
0	
1	
2	
3	
4	
5	
6	
7	G = 00 P = 02
8	
9	
A	
B	
C	
D	
E	2FFFE
F	2FFFF

Table 19 - Row 2FF: Unassigned

HEX	NAME	HEX	NAME
2FFF0	(This position shall not be used)		
2FFF1	(This position shall not be used)		
2FFF2	(This position shall not be used)		
2FFF3	(This position shall not be used)		
2FFF4	(This position shall not be used)		
2FFF5	(This position shall not be used)		
2FFF6	(This position shall not be used)		
2FFF7	(This position shall not be used)		
2FFF8	(This position shall not be used)		
2FFF9	(This position shall not be used)		
2FFFA	(This position shall not be used)		
2FFFB	(This position shall not be used)		
2FFFC	(This position shall not be used)		
2FFFD	(This position shall not be used)		
2FFFE	(Not specified by this International Standard)		
2FFFF	(Not specified by this International Standard)		

Group 00

Plane 01

Row FF

Table 20 - Row E00: Tags

	E000	E001	E002	E003	E004	E005	E006	E007
0			E0020	E0030	E0040	E0050	E0060	E0070
1	E0001		E0021	E0031	E0041	E0051	E0061	E0071
2			E0022	E0032	E0042	E0052	E0062	E0072
3			E0023	E0033	E0043	E0053	E0063	E0073
4			E0024	E0034	E0044	E0054	E0064	E0074
5			E0025	E0035	E0045	E0055	E0065	E0075
6			E0026	E0036	E0046	E0056	E0066	E0076
7			E0027	E0037	E0047	E0057	E0067	E0077
8			E0028	E0038	E0048	E0058	E0068	E0078
9			E0029	E0039	E0049	E0059	E0069	E0079
A			E002A	E003A	E004A	E005A	E006A	E007A
B			E002B	E003B	E004B	E005B	E006B	E007B
C			E002C	E003C	E004C	E005C	E006C	E007C
D			E002D	E003D	E004D	E005D	E006D	E007D
E			E002E	E003E	E004E	E005E	E006E	E007E
F			E002F	E003F	E004F	E005F	E006F	E007F

G = 00
P = 0E

Table 20 - Row E00: Tags

HEX	NAME	HEX	NAME
E000	(This position shall not be used)	E005B	TAG LEFT SQUARE BRACKET
E0001	LANGUAGE TAG	E005C	TAG REVERSE SOLIDUS
E0002	(This position shall not be used)	E005D	TAG RIGHT SQUARE BRACKET
E0003	(This position shall not be used)	E005E	TAG CIRCUMFLEX ACCENT
E0004	(This position shall not be used)	E005F	TAG LOW LINE
E0005	(This position shall not be used)	E0060	TAG GRAVE ACCENT
E0006	(This position shall not be used)	E0061	TAG LATIN SMALL LETTER A
E0007	(This position shall not be used)	E0062	TAG LATIN SMALL LETTER B
E0008	(This position shall not be used)	E0063	TAG LATIN SMALL LETTER C
E0009	(This position shall not be used)	E0064	TAG LATIN SMALL LETTER D
E000A	(This position shall not be used)	E0065	TAG LATIN SMALL LETTER E
E000B	(This position shall not be used)	E0066	TAG LATIN SMALL LETTER F
E000C	(This position shall not be used)	E0067	TAG LATIN SMALL LETTER G
E000D	(This position shall not be used)	E0068	TAG LATIN SMALL LETTER H
E000E	(This position shall not be used)	E0069	TAG LATIN SMALL LETTER I
E000F	(This position shall not be used)	E006A	TAG LATIN SMALL LETTER J
E0010	(This position shall not be used)	E006B	TAG LATIN SMALL LETTER K
E0011	(This position shall not be used)	E006C	TAG LATIN SMALL LETTER L
E0012	(This position shall not be used)	E006D	TAG LATIN SMALL LETTER M
E0013	(This position shall not be used)	E006E	TAG LATIN SMALL LETTER N
E0014	(This position shall not be used)	E006F	TAG LATIN SMALL LETTER O
E0015	(This position shall not be used)	E0070	TAG LATIN SMALL LETTER P
E0016	(This position shall not be used)	E0071	TAG LATIN SMALL LETTER Q
E0017	(This position shall not be used)	E0072	TAG LATIN SMALL LETTER R
E0018	(This position shall not be used)	E0073	TAG LATIN SMALL LETTER S
E0019	(This position shall not be used)	E0074	TAG LATIN SMALL LETTER T
E001A	(This position shall not be used)	E0075	TAG LATIN SMALL LETTER U
E001B	(This position shall not be used)	E0076	TAG LATIN SMALL LETTER V
E001C	(This position shall not be used)	E0077	TAG LATIN SMALL LETTER W
E001D	(This position shall not be used)	E0078	TAG LATIN SMALL LETTER X
E001E	(This position shall not be used)	E0079	TAG LATIN SMALL LETTER Y
E001F	(This position shall not be used)	E007A	TAG LATIN SMALL LETTER Z
E0020	TAG SPACE	E007B	TAG LEFT CURLY BRACKET
E0021	TAG EXCLAMATION MARK	E007C	TAG VERTICAL LINE
E0022	TAG QUOTATION MARK	E007D	TAG RIGHT CURLY BRACKET
E0023	TAG NUMBER SIGN	E007E	TAG TILDE
E0024	TAG DOLLAR SIGN	E007F	CANCEL TAG
E0025	TAG PERCENT SIGN		
E0026	TAG AMPERSAND		
E0027	TAG APOSTROPHE		
E0028	TAG LEFT PARENTHESIS		
E0029	TAG RIGHT PARENTHESIS		
E002A	TAG ASTERISK		
E002B	TAG PLUS SIGN		
E002C	TAG COMMA		
E002D	TAG HYPHEN-MINUS		
E002E	TAG FULL STOP		
E002F	TAG SOLIDUS		
E0030	TAG DIGIT ZERO		
E0031	TAG DIGIT ONE		
E0032	TAG DIGIT TWO		
E0033	TAG DIGIT THREE		
E0034	TAG DIGIT FOUR		
E0035	TAG DIGIT FIVE		
E0036	TAG DIGIT SIX		
E0037	TAG DIGIT SEVEN		
E0038	TAG DIGIT EIGHT		
E0039	TAG DIGIT NINE		
E003A	TAG COLON		
E003B	TAG SEMICOLON		
E003C	TAG LESS-THAN SIGN		
E003D	TAG EQUALS SIGN		
E003E	TAG GREATER-THAN SIGN		
E003F	TAG QUESTION MARK		
E0040	TAG COMMERCIAL AT		
E0041	TAG LATIN CAPITAL LETTER A		
E0042	TAG LATIN CAPITAL LETTER B		
E0043	TAG LATIN CAPITAL LETTER C		
E0044	TAG LATIN CAPITAL LETTER D		
E0045	TAG LATIN CAPITAL LETTER E		
E0046	TAG LATIN CAPITAL LETTER F		
E0047	TAG LATIN CAPITAL LETTER G		
E0048	TAG LATIN CAPITAL LETTER H		
E0049	TAG LATIN CAPITAL LETTER I		
E004A	TAG LATIN CAPITAL LETTER J		
E004B	TAG LATIN CAPITAL LETTER K		
E004C	TAG LATIN CAPITAL LETTER L		
E004D	TAG LATIN CAPITAL LETTER M		
E004E	TAG LATIN CAPITAL LETTER N		
E004F	TAG LATIN CAPITAL LETTER O		
E0050	TAG LATIN CAPITAL LETTER P		
E0051	TAG LATIN CAPITAL LETTER Q		
E0052	TAG LATIN CAPITAL LETTER R		
E0053	TAG LATIN CAPITAL LETTER S		
E0054	TAG LATIN CAPITAL LETTER T		
E0055	TAG LATIN CAPITAL LETTER U		
E0056	TAG LATIN CAPITAL LETTER V		
E0057	TAG LATIN CAPITAL LETTER W		
E0058	TAG LATIN CAPITAL LETTER X		
E0059	TAG LATIN CAPITAL LETTER Y		
E005A	TAG LATIN CAPITAL LETTER Z		

Group 00

Plane 01

Row 00

Table 21 - Row EFF: Unassigned

EFFF	
0	
1	
2	
3	
4	
5	
6	
7	G = 00 P = 0E
8	
9	
A	
B	
C	
D	
E	EFFF
F	EFFF

Table 21 - Row EFF: Unassigned

HEX	NAME
EFFF0	(This position shall not be used)
EFFF1	(This position shall not be used)
EFFF2	(This position shall not be used)
EFFF3	(This position shall not be used)
EFFF4	(This position shall not be used)
EFFF5	(This position shall not be used)
EFFF6	(This position shall not be used)
EFFF7	(This position shall not be used)
EFFF8	(This position shall not be used)
EFFF9	(This position shall not be used)
EFFFFA	(This position shall not be used)
EFFFFB	(This position shall not be used)
EFFFFC	(This position shall not be used)
EFFFFD	(This position shall not be used)
EFFFFE	(Not specified by this International Standard)
EFFFFF	(Not specified by this International Standard)

Group 00

Plane 01

Row FF

Annexes

Annex A: Collections of graphic characters for subsets (normative)

A.1 Collections of coded graphic characters

The collections listed below are ordered by collection number.

<u>Collection number and name</u>	<u>Positions</u>
1001 OLD ITALIC	10300-1032F
1002 GOTHIC	10330-1034F
1003 DESERET	10400-1044F
1004 BYZANTINE MUSICAL SYMBOLS	1D000-1D0FF
1005 MUSICAL SYMBOLS	1D100-1D1FF
2001 CJK UNIFIED IDEOGRAPHS EXTENSION B	20000-2A71F
2001 CJK COMPATIBILITY IDEOGRAPHS SUPPLEMENT	2F800-2FA1F
3001 TAGS	E0000-E007F

The following collection specifies characters used for alternate formats.

3002 ALTERNATE FORMAT CHARACTERS	E0000-E0FFF
----------------------------------	-------------

The following specify other collections:

1000 SMP	10000-1FFFD
1900 SMP COMBINING CHARACTERS	see annex B
2000 SIP	20000-2FFFD
3000 SPP	E0000-EFFFD
4000 UCS PART-2	10000-1FFFD 20000-2FFFD E0000-EFFFD

A.2 Blocks in the SMP

The following blocks are specified in the Secondary Multilingual Plane for scripts and symbols. They are ordered by code position:

<u>Block name</u>	<u>Positions</u>
OLD ITALIC	10300-1032F
GOTHIC	10330-1034F
DESERET	10400-1044F
BYZANTINE MUSICAL SYMBOLS	1D000-1D0FF
MUSICAL SYMBOLS	1D100-1D1FF

A.3 Blocks in the SIP

The following blocks are specified in the Supplementary Ideographic Plane:

<u>Block name</u>	<u>Positions</u>
CJK UNIFIED IDEOGRAPHS EXTENSION B	20000-2A71F
CJK COMPATIBILITY IDEOGRAPHS SUPPLEMENT	2F800-2FA1F

A.4 Block in the SSP

The following block is specified in the Supplementary Special-purpose Plane:

<u>Block name</u>	<u>Positions</u>
TAGS	E0000-E007F

Annex B: List of combining characters (normative)

The usage of combining characters listed in this annex is specified in clauses 14 and 24 of ISO/IEC 10646-1.

B.1 List of all combining characters

The following characters are combining characters:

1D165	MUSICAL SYMBOL COMBINING STEM
1D166	MUSICAL SYMBOL COMBINING SPRECHGESANG STEM
1D167	MUSICAL SYMBOL COMBINING TREMOLO ONE
1D168	MUSICAL SYMBOL COMBINING TREMOLO TWO
1D169	MUSICAL SYMBOL COMBINING TREMOLO THREE
1D16D	MUSICAL SYMBOL COMBINING AUGMENTATION DOT
1D16E	MUSICAL SYMBOL COMBINING FLAG ONE
1D16F	MUSICAL SYMBOL COMBINING FLAG TWO
1D170	MUSICAL SYMBOL COMBINING FLAG THREE
1D171	MUSICAL SYMBOL COMBINING FLAG FOUR
1D172	MUSICAL SYMBOL COMBINING FLAG FIVE
1D17B	MUSICAL SYMBOL COMBINING ACCENT
1D17C	MUSICAL SYMBOL COMBINING STACCATO
1D17D	MUSICAL SYMBOL COMBINING TENUTO
1D17E	MUSICAL SYMBOL COMBINING STACCATISSIMO
1D17F	MUSICAL SYMBOL COMBINING MARCATO
1D180	MUSICAL SYMBOL COMBINING MARCATO STACCATO
1D181	MUSICAL SYMBOL COMBINING ACCENT-STACCATO
1D182	MUSICAL SYMBOL COMBINING LOURE
1D185	MUSICAL SYMBOL COMBINING DOIT
1D186	MUSICAL SYMBOL COMBINING RIP
1D187	MUSICAL SYMBOL COMBINING FLIP
1D188	MUSICAL SYMBOL COMBINING SMEAR
1D189	MUSICAL SYMBOL COMBINING BEND
1D18A	MUSICAL SYMBOL COMBINING DOUBLE TONGUE
1D18B	MUSICAL SYMBOL COMBINING TRIPLE TONGUE
1D1AA	MUSICAL SYMBOL COMBINING DOWN BOW
1D1AB	MUSICAL SYMBOL COMBINING UP BOW
1D1AC	MUSICAL SYMBOL COMBINING HARMONIC
1D1AD	MUSICAL SYMBOL COMBINING SNAP PIZZICATO

B.2 Characters not allowed in implementation level 2

The following characters are not allowed in implementation level 2:

None

Annex C: Source references for CJK Unified Ideographs Extension B (normative)

Annex C is a plain text file that specifies, after a 10-line header, as many lines as CJK Unified ideographs; each containing the following information organized in fixed width fields:

- 01-06 octet: Plane 2 code value (2-hhhh)
- 07-13 octet: Hanzi G sources (G_KX), (G_HZ), (G_CY), (G_CH), (G_HC), (G_BK), (G_FZ) or (G_4K).
- 14-20 octet: Hanzi T sources (T4-hhhh), (T5-hhhh), (T6-hhhh), (T7-hhhh), or (TF-hhhh).
- 21-27 octet: Kanji J sources (J3-hhhh) or (J4-hhhh).
- 28-34 octet: Hanja K sources (K-dddd)
- 35-41 octet: ChuNom V sources (V0-hhhh), (V2-hhhh) or (V3-hhhh).
- 42-48 octet: Hanzi H sources (HA-dddd), (HB-dddd) or (HC-dddd).

The format definition uses 'd' as a decimal unit and 'h' as a hexadecimal unit. Uppercase characters and all other symbols between parentheses including the space character appear as shown.

Editor's note: the information is available as a separate plain text file (CJK_B_FCD.txt) that is part of this standard.

Annex D: Alphabetically sorted list of character names per plane

(informative)

This annex lists all the character names from this part of ISO/IEC 10646 except CJK Ideographs. They are shown with their code positions in the two-octet form within their respective plane.

D.1 Second Multilingual Plane for scripts and symbols

Editor's Note: Is this really needed?

D.2 Supplementary Plane for CJK Ideographs

As names for CJK Ideographs are algorithmically created, they are not listed here.

D.3 Special Purpose Plane

Annex E: Language tagging using Tag Characters (informative)

E.1 Overview

The purpose of Tag characters is to associate a text attribute with a point or range of a text string. The value of a particular tag is not generally considered to be part of the content of the text. For example, tagging could be used to mark the language or the font applied to a portion of text. Outside of that usage, these characters are ignorable.

These tag characters can be used to spell out a character string in any ASCII-based tagging scheme that needs to be embedded into plain text. These characters can be easily identified by their code value and there is no overloading of usage for these tag characters. They can only express tag values and never textual content itself.

When characters are used within the context of a protocol or syntax containing explicit markup providing the same association, the Tag characters may be filtered out and ignored by these protocols.

For example, in SGML/XML context, an explicit language markup is specified. Therefore, the LANGUAGE TAG and other tag characters should not be used to mark a language in that context. The Unicode Consortium and the W3C have co-written a technical report: Unicode in XML and other Markup Languages (TR#20), available from the Unicode web site (<http://www.unicode.org>), which describes these issues in detail.

The TAGS block contains 97 dedicated tag characters consisting of a clone of the BASIC LATIN graphic characters (names formed by prefixing these BASIC LATIN names with the word 'TAG'), as well as a language tag identification character: LANGUAGE TAG and a cancel tag character: CANCEL TAG.

The tag identification character is used as a mechanism for identifying tags of different types. This enables multiple types of tags to coexist amicably embedded in plain text and solves the problem of delimitation if a tag is concatenated directly onto another tag. Although only one type of tag is currently specified, namely the language tag, the encoding of other tag identification characters in the future would allow for distinct types to be used.

E.2 Syntax for embedding tags characters

In order to embed any ASCII-derived tag in plain text, the tag is simply spelled out with the tag characters, prefixed with the relevant tag identification character. The resultant string is embedded directly in the text.

No termination character is required for a tag. A tag terminates either when the first non Special Purpose Plane character is encountered, or when the next tag identification character is encountered.

Tag arguments can only be encoded using tag characters. No other characters are valid for expressing the tag arguments.

E.3 Tag scope and nesting

The value of a tag continues from the point the tag is embedded in text until:

- either the end of the cc-data-element is reached,
- or the tag is explicitly cancelled by the CANCEL TAG character.

Tags of the same type cannot be nested. The appearance of a new embedded language tag, for example after text which was already language-tagged, simply changes the tagged value for subsequent text to that specified in the new tag.

E.4 Canceling tag values

The CANCEL TAG character is provided to allow the specific canceling of a tag value. For example to cancel a language tag, the LANGUAGE TAG must precede the CANCEL TAG character.

The usage of the CANCEL TAG character without a prefixed tag identification character cancels any tag value that may be defined.

The main function of the character is to make possible such operations as blind concatenation of strings in a tagged context without the propagation of inappropriate tag values across the string boundaries.

E.5 Language tags

Language tags are of general interest and may have a high degree of interoperability for protocol usage. For example, to embed a language tag for Japanese, the tag characters would be used as follows:

```
E0001 E006A E0061
```

The first value is the coded value of the LANGUAGE TAG character, the second corresponds to the TAG LATIN SMALL LETTER J, and the third corresponds to the TAG LATIN SMALL LETTER A. The sequence 'ja' corresponds to the 2-letter code representing the Japanese language in ISO 639:1988.

Annex F: Usage of musical symbols (informative)

The musical symbols repertoires are comprised of combining characters and other characters. As such their usage is specified by the clause 24 of ISO/IEC 10646-1. This Annex describes in more details the usage of these combining characters.

F.1 Byzantine musical symbols

The Byzantine Musical Notation System makes use of the so-called 'three-stripe' effect. There are signs that appear in the Upper, Middle or Lower stripes. Other signs are known as musical characters and appear in the textual part of the notation system. Multiple signs can be stacked together in their appropriate stripe.

F.2 Western musical symbols

This international standard does not specify an encoding solution for musical scores or musical pitch. Solutions for these needs would require another description layer on top of the encoding definition of the characters specified in this standard. However, even without that additional layer, these characters can be used as simple musical reference symbols for general purposes in text descriptions of musical matters.

Extended beams are used frequently in music notation between groups of notes having short values. The format characters MUSICAL SYMBOL BEGIN BEAM and MUSICAL SYMBOL END BEAM can be used to indicate the extents of beam groupings. In some exceptional cases, beams are unclosed on one end. This can be indicated with a "null note" (MUSICAL SYMBOL NULL NOTEHEAD) character if no stem is to appear at the end of the beam.

Similarly, other format characters have been provided for other connecting structures. The characters

- MUSICAL SYMBOL BEGIN TIE
- MUSICAL SYMBOL END TIE
- MUSICAL SYMBOL BEGIN SLUR
- MUSICAL SYMBOL END SLUR
- MUSICAL SYMBOL BEGIN PHRASE
- MUSICAL SYMBOL END PHRASE

indicate the extent of these features.

These pairs of characters modify the layout and grouping of notes and phrases in full music notation. When musical examples are written or rendered in plain text without special software, the start/end control characters may be rendered as brackets or left uninterpreted. More sophisticated in-line processes may interpret them, to the extent possible, in their actual control capacity, rendering ties, slurs, beams, and phrases as appropriate.

For maximum flexibility, the character set includes both pre-composed note values as well as primitives from which complete notes are constructed. Due to their ubiquity, the pre-composed versions are provided mainly for convenience.

Coding convenience notwithstanding, notes built up from alternative noteheads, stems and flags, and articulation symbols are necessary for complete implementations and complex scores. Examples of their use include American shape-note and modern percussion notations. For example,

MUSICAL SYMBOL SQUARE NOTEHEAD BLACK + MUSICAL SYMBOL COMBINING STEM

MUSICAL SYMBOL X NOTEHEAD + MUSICAL SYMBOL COMBINING STEM

Augmentation dots and articulation symbols may be appended to either the pre-composed or built-up notes.

In addition, augmentation dots and articulation symbols may be repeated as necessary to build a complete note symbol. For example,

MUSICAL SYMBOL EIGHTH NOTE + MUSICAL SYMBOL COMBINING AUGMENTATION DOT + MUSICAL SYMBOL COMBINING AUGMENTATION DOT + MUSICAL SYMBOL COMBINING ACCENT

Annex G: Sources of Characters (informative)

Several sources and contributions were used for constructing this coded character set.

ISO/IEC TR 15285:1998, Information Technology – An operational model for characters and glyphs.

The following sources are arranged by repertoire.

Deseret

Ivins, Stanley S. "The Deseret Alphabet" *Utah Humanities Review* 1 (1947):223-39.

Old Italic

Bonfante, Larissa. 1996. "The scripts of Italy", in Peter T. Daniels and William Bright, eds. *The world's writing systems*. New York; Oxford: oxford University Press. ISBN 0-19-507993-0

Gothic

Fairbanks, Sydney, and F. P. Magoun Jr. 1940. 'On writing and printing Gothic', in *Speculum* 15:313-16.

Byzantine Musical Symbols

ΣΕΠ ΕΛΟΤ 1373. *The Greek Byzantine Musical Notation System* (Greek National Standard).

Musical Symbols

Heussenstamm, George. *Norton Manual of Music Notation*. New York: W. W. Norton, 1987

Rastall, Richard. *Notation of Western Music: An Introduction*. London: Dent, 1983.

CJK Unified Ideographs

See Clause 11.2.

CJK Compatibility Ideographs

See Clause 11.3.