

# Apple Symbol Fonts: A Quick Survey

Karl Pentzlin - 2011-07-15

In WG2 N4085 "Further proposed additions to ISO/IEC 10646 and comments to other proposals" (2011-05-25), the German NB had requested re WG2 N4022 "Proposal to add Wingdings and Webdings Symbols" besides other points:

"Also, in doing this work, other fonts widespread on the computers of leading manufacturers (e.g. Apple) shall be included, thus avoiding the impression that Unicode or SC2/WG2 favor a single manufacturer."

In this quick survey, the symbol fonts regularly delivered with computers manufactured by Apple are addressed. These are two fonts:

## 1. "Apple Symbols"

The version examined here was retrieved 2010-06-06 from a MacBook. The original file contained no mapping to code points for any glyphs, but glyph names like "uni2440" indicated the intended Unicode points for the larger part of the glyphs.

After discarding a large sequence of empty glyphs assigned by glyph names to PUA code points above U+10FC00, the font contains 4103 glyphs. These were remapped to the PUA code points U+E000...U+F006.

The code charts below uses these code points (as said, these were not assigned in the original font). The listed character names are the original glyph names from the font, converted to uppercase, and dots replaced by hyphens.

All following characters were not included in the charts:

- Characters which are mapped to an Unicode code point by the glyph name.
- Characters contained in a sequence which obviously maps to a Unicode block.
- Characters which are mirror images of an existing Unicode character which is bidi mirrored, and which are mapped to this character by a glyph name of the form "uniXXXX.mirror".

## 2. "Hoefler Text Ornaments"

The version examined here is dated 2010-01-27.

This font contains mappings to PUA code points in the range F030-F07A (except for an Apple logo symbol at U+F8FF, which is not shown here).

The characters found are listed here without any further interpretation (except subsuming them under column headers which give a hint of the Unicode block where similar characters are found).

Especially, no names (beyond the original glyph names found in the font) or properties are given, and it is not examined whether they can unified with existing Unicode characters, even for cases where this is obvious. Also, it does not examine which characters are possibly to be unified with Wingdings/Webdings characters proposed for encoding.

It is emphasized that this document itself proposes nothing. It is intended as discussion material for a consideration of the characters listed here in connection with the German request on the encoding of Wingdings/Webdings symbol.


















Miscellaneous Symbols

E141 ☸ GID321









	E14
0	
1	☸ E141
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A	
B	
C	
D	
E	
F	

	E2E	E2F	E30	E31	E32	E33
0		ZW NJ E2F0		PDF E310		
1		ZW J E2F1		LRO E311		I SS E331
2		LRM E2F2		RLO E312		A SS E332
3		RLM E2F3		NNB SP E313		I AFS E333
4	NQ SP E2E4					A AFS E334
5	MQ SP E2E5	NB E2F5				NA DS E335
6	EN SP E2E6					NO DS E336
7	EM SP E2E7					
8	3/M SP E2E8					
9	4/M SP E2E9					
A	6/M SP E2EA					
B	F SP E2EB					
C	P SP E2EC		L SEP E30C			
D	TH SP E2ED		P SEP E30D			
E	H SP E2EE		LRE E30E			
F	ZW SP E2EF		RLE E30F			







**Chart Symbols for General Punctuation**

E2E4  UNI2000-CHARTFORM  
 E2E5  UNI2001-CHARTFORM  
 E2E6  UNI2002-CHARTFORM  
 E2E7  UNI2003-CHARTFORM  
 E2E8  UNI2004-CHARTFORM  
 E2E9  UNI2005-CHARTFORM  
 E2EA  UNI2006-CHARTFORM  
 E2EB  UNI2007-CHARTFORM  
 E2EC  UNI2008-CHARTFORM  
 E2ED  UNI2009-CHARTFORM  
 E2EE  UNI200A-CHARTFORM  
 E2EF  UNI200B-CHARTFORM  
 E2F0  UNI200C-CHARTFORM  
 E2F1  UNI200D-CHARTFORM  
 E2F2  UNI200E-CHARTFORM  
 E2F3  UNI200F-CHARTFORM  
 E2F4 — <reserved>  
 E2F5  UNI2011-CHARTFORM

**Chart Symbols for General Punctuation**

E30C  UNI2028-CHARTFORM  
 E30D  UNI2029-CHARTFORM  
 E30E  UNI202A-CHARTFORM  
 E30F  UNI202B-CHARTFORM  
 E310  UNI202C-CHARTFORM  
 E311  UNI202D-CHARTFORM  
 E312  UNI202E-CHARTFORM  
 E313  UNI202F-CHARTFORM

**Chart Symbols for General Punctuation**

E331  UNI206A-CHARTFORM  
 E332  UNI206B-CHARTFORM  
 E333  UNI206C-CHARTFORM  
 E334  UNI206D-CHARTFORM  
 E335  UNI206E-CHARTFORM  
 E336  UNI206F-CHARTFORM

	E3B	E3C	E3D	E3E	E3F	E40	E41	E42	E43	E44	E45	E46	E47
0													
1													
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A													
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C													
D													
E													
F													

**Geometrical Shapes and Arrow Forms**

E3B5 — GID949  
 E3B6 — GID950  
 E3B7 — GID951  
 E3B8 — GID952  
 E3B9 — GID953  
 E3BA — GID954  
 E3BB — GID955  
 E3BC — GID956  
 E3BD — GID957  
 E3BE — GID958  
 E3BF — GID959  
 E3C0 — GID960  
 E3C1 ■ GID961  
 E3C2 □ GID962  
 E3C3 ■ GID963  
 E3C4 □ GID964  
 E3C5 □ GID965  
 E3C6 □ GID966  
 E3C7 □ GID967  
 E3C8 □ GID968  
 E3C9 ▲ GID969  
 E3CA △ GID970  
 E3CB △ GID971  
 E3CC ▲ GID972  
 E3CD ▼ GID973  
 E3CE ◆ GID974  
 E3CF ◆ GID975  
 E3D0 ► GID976  
 E3D1 ◄ GID977  
 E3D2 ◄ GID978  
 E3D3 ◄ GID979  
 E3D4 ◄ GID980  
 E3D5 √ GID981  
 E3D6 ◄ GID982  
 E3D7 ✦ GID983  
 E3D8 ● GID984  
 E3D9 ▲ GID985  
 E3DA ▼ GID986  
 E3DB ◄ GID987  
 E3DC ► GID988  
 E3DD ◄ GID989  
 E3DE ► GID990  
 E3DF ◄ GID991  
 E3E0 ► GID992  
 E3E1 ◄ GID993  
 E3E2 ► GID994  
 E3E3 ⇅ GID995  
 E3E4 ⇅ GID996  
 E3E5 ⇅ GID997  
 E3E6 ⇅ GID998  
 E3E7 ↑ GID999  
 E3E8 ↓ GID1000  
 E3E9 → GID1001  
 E3EA ← GID1002  
 E3EB ↓ GID1003  
 E3EC ← GID1004  
 E3ED → GID1005  
 E3EE ↑ GID1006  
 E3EF ↘ GID1007  
 E3F0 ↖ GID1008  
 E3F1 ↶ GID1009









E3F2 ↗ GID1010  
 E3F3 ↘ GID1011  
 E3F4 ↕ GID1012  
 E3F5 ⋮ GID1013  
 E3F6 ↔ GID1014









**Miscellaneous**

E3F7 ◡ GID1015  
 E3F8 ◡ GID1016  
 E3F9 ☒ GID1017  
 E3FA ☒ GID1018  
 E3FB ✖ GID1019  
 E3FC ⊕ GID1020  
 E3FD ⊕ GID1021  
 E3FE □ GID1022  
 E3FF | GID1023  
 E400 ○ GID1024  
 E401 ○ GID1025  
 E402 ⤵ GID1026  
 E403 ⤴ GID1027  
 E404 ○ GID1028  
 E405 — <reserved>  
 E406 ⊕ GID1030  
 E407 ⊕ GID1031  
 E408 ⊕ GID1032  
 E409 ⊕ GID1033  
 E40A ⊕ GID1034  
 E40B ⊕ GID1035  
 E40C ⊕ GID1036  
 E40D 🎧 GID1037  
 E40E 🎧 GID1038  
 E40F 🎧 GID1039  
 E410 🎧 GID1040  
 E411 🎧 GID1041  
 E412 🎧 GID1042  
 E413 🎧 GID1043  
 E414 🎧 GID1044  
 E415 🎧 GID1045  
 E416 🎧 GID1046  
 E417 🎧 GID1047  
 E418 🎧 GID1048  
 E419 🎧 GID1049  
 E41A ♂ GID1050  
 E41B ♀ GID1051  
 E41C 🏠 GID1052  
 E41D 🏠 GID1053  
 E41E 🏠 GID1054  
 E41F 🏠 GID1055  
 E420 🏠 GID1056  
 E421 🏠 GID1057  
 E422 🏠 GID1058  
 E423 🏠 GID1059  
 E424 🏠 GID1060  
 E425 📧 GID1061  
 E426 📧 GID1062  
 E427 📧 GID1063  
 E428 ⌘ GID1064  
 E429 ^ GID1065  
 E42A × GID1066  
 E42B × GID1067  
 E42C ~ GID1068  
 E42D ~ GID1069  
 E42E ~ GID1070

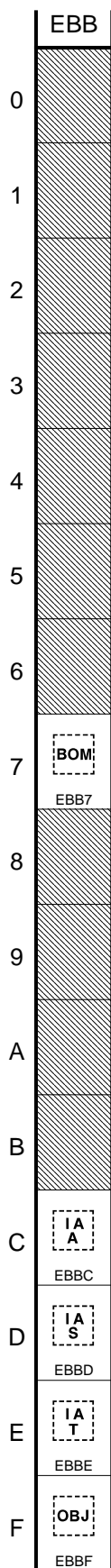
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E430	☒	GID1072	E46F	📧	GID1135
E431	☒	GID1073	E470	📧	GID1136
E432	☒	GID1074	E471	📧	GID1137
E433	🔒	GID1075	E472	📧	GID1138
E434	⌵	GID1076	E473	🕒	CURSOR-WATCH
E435	⚠	GID1077	E474	🕒	GID1140
E436	📧	GID1078	E475	✉	ENVELOPE-SEALED
E437	📧	GID1079	E476	🔌	POWER-OFF-BOLD
E438	👉	GID1080	E477	🌙	SLEEP
E439	👉	GID1081			
E43A	👉	GID1082			
E43B	👉	GID1083			
E43C	☀	GID1084			
E43D	☀	GID1085			
E43E	🕒	GID1086			
E43F	🕒	GID1087			
E440	🕒	GID1088			
E441	🕒	GID1089			
E442	🕒	GID1090			
E443	🕒	GID1091			
E444	🕒	GID1092			
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E446	🕒	GID1094			
E447	🕒	GID1095			
E448	🕒	GID1096			
E449	🕒	GID1097			
E44A	🕒	GID1098			
E44B	🕒	GID1099			
E44C	🕒	GID1100			
E44D	↔	GID1101			
E44E	↔	GID1102			
E44F	↔	GID1103			
E450	↔	GID1104			
E451	↔	GID1105			
E452	↔	GID1106			
E453	🕒	GID1107			
E454	🕒	GID1108			
E455	🍏	GID1109			
E456	🍏	GID1110			
E457	⚖	GID1111			
E458	⚖	GID1112			
E459	⚖	GID1113			
E45A	📧	GID1114			
E45B	📧	GID1115			
E45C	📧	GID1116			
E45D	📧	GID1117			
E45E	📧	GID1118			
E45F	📧	GID1119			
E460	📧	GID1120			
E461	📧	GID1121			
E462	📧	GID1122			
E463	📧	GID1123			
E464	⚠	GID1124			
E465	⚠	GID1125			
E466	?	GID1126			
E467	📧	GID1127			
E468	📧	GID1128			
E469	📧	GID1129			
E46A	📧	GID1130			
E46B	📧	GID1131			
E46C	📧	GID1132			
E46D	📧	GID1133			

**Chart Symbols**






- E7DC  UNI205F-CHARTFORM
- E7DD  UNI2060-CHARTFORM
- E7DE  UNI2061-CHARTFORM
- E7DF  UNI2062-CHARTFORM
- E7E0  UNI2063-CHARTFORM
- E7E1  SPACE-CHARTFORM
- E7E2  NBSPACE-CHARTFORM
- E7E3  UNI034F-CHARTFORM

	E7D	E7E
0		 E7E0
1		 E7E1
2		 E7E2
3		 E7E3
4		
5		
6		
7		
8		
9		
A		
B		
C	 E7DC	
D	 E7DD	
E	 E7DE	
F	 E7DF	





**Chart Symbols**

- EBB7  UNIFFE-CHARTFORM
- EBB8 – <reserved>
- EBB9 – <reserved>
- EBBA – <reserved>
- EBBB – <reserved>
- EBBC  UNIFFF9-CHARTFORM
- EBBD  UNIFFFA-CHARTFORM
- EBBE  UNIFFFB-CHARTFORM
- EBBF  UNIFFFC-CHARTFORM



















































































The glyphs EDB8...EDEF are called UNIFF01...UNIFFEE (comprising the "Halfwidth and Fullwidth Forms" block), except for the glyph GID3554 which is listed here. Thus, it is derived that the character is intended to be a "Fullwidth Form".

**Fullwidth Forms**




EDE2 i GID3554  
= fullwidth inverted exclamation mark

0	EDE
1	
2	¡ EDE2
3	
4	
5	
6	
7	
8	
9	
A	
B	
C	
D	
E	
F	

























































































































	EF0	EF1	EF2	EF3	EF4	EF5	EF6	EF7	EF8
0		EF10	EF20	EF30	EF40	EF50	EF60	EF70	EF80
1		EF11	EF21	EF31	EF41	EF51	EF61	EF71	EF81
2		EF12	EF22	EF32	EF42	EF52	EF62	EF72	EF82
3		EF13	EF23	EF33	EF43	EF53	EF63	EF73	EF83
4		EF14	EF24	EF34	EF44	EF54	EF64	EF74	EF84
5		EF15	EF25	EF35	EF45	EF55	EF65	EF75	EF85
6		EF16	EF26	EF36	EF46	EF56	EF66	EF76	EF86
7		EF17	EF27	EF37	EF47	EF57	EF67	EF77	EF87
8		EF18	EF28	EF38	EF48	EF58	EF68	EF78	EF88
9		EF19	EF29	EF39	EF49	EF59	EF69	EF79	EF89
A		EF1A	EF2A	EF3A	EF4A	EF5A	EF6A	EF7A	EF8A
B		EF1B	EF2B	EF3B	EF4B	EF5B	EF6B	EF7B	EF8B
C		EF1C	EF2C	EF3C	EF4C	EF5C	EF6C	EF7C	EF8C
D		EF1D	EF2D	EF3D	EF4D	EF5D	EF6D	EF7D	EF8D
E		EF1E	EF2E	EF3E	EF4E	EF5E	EF6E	EF7E	EF8E
F	EF0F	EF1F	EF2F	EF3F	EF4F	EF5F	EF6F	EF7F	EF8F

	EF9	EFA	EFB	EFC	EFD	EFE	EFF	F00
0	 EF90	 EFA0	<b>HOLD</b> EFB0	 EFC0	 EFD0	 EFE0	 EFF0	 F000
1	<b>ESC</b> EF91	 EFA1	<b>MENU</b> EFB1	 EFC1	 EFD1	 EFE1	 EFF1	 F001
2	 EF92	 EFA2	 EFB2	 EFC2	 EFD2	 EFE2	 EFF2	 F002
3	 EF93	 EFA3	 EFB3	 EFC3	 EFD3	 EFE3	 EFF3	 F003
4	 EF94	 EFA4	 EFB4	 EFC4	 EFD4	 EFE4	 EFF4	 F004
5	 EF95	 EFA5	 EFB5	 EFC5	 EFD5	 EFE5	 EFF5	 F005
6	 EF96	 EFA6	 EFB6	 EFC6	 EFD6	 EFE6	 EFF6	 F006
7	 EF97	 EFA7	 EFB7	 EFC7	<b>Done</b> EFD7	 EFE7	 EFF7	
8	 EF98	 EFA8	 EFB8	 EFC8	 EFD8	 EFE8	 EFF8	
9	 EF99	 EFA9	 EFB9	 EFC9	 EFD9	 EFE9	 EFF9	
A	 EF9A	 EFAA	 EFBa	 EFCA	 EFDA	 EFEA	 EFFA	
B	 EF9B	 EFAB	 EFBB	 EFCB	 EFDB	 EFEB	 EFFB	
C	 EF9C	 EFAC	 EFBC	 EFCC	 EFDC	 EFEC	 EFFC	
D	 EF9D	 EFAD	 EFBD	 EFCD	 EFDD	 EFED	 EFFD	
E	 EF9E	 EFAE	 EFBE	 EFCE	 EFDE	 EFEE	 EFEE	
F	 EF9F	 EFAF	 EFBF	 EFCF	 EFDF	 EFEF	 EFFF	

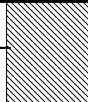

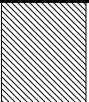








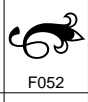


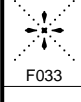


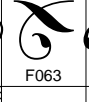




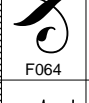




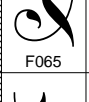




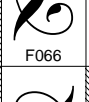


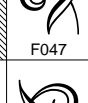

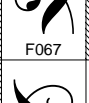

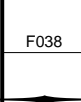
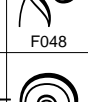

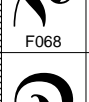
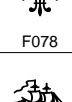
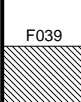
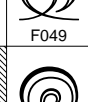

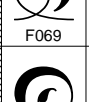


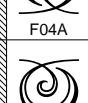

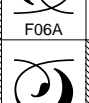
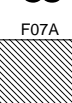

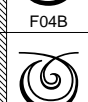

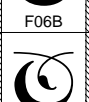


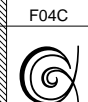

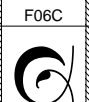
















**Symbol variants**

EF0F  CADUCEUS-ALT  
 EF10  CADUCEUS-ALT-2  
 EF11  UNI2699-ACTIONGEAR

**Miscellaneous Symbols**

EF12		GID4880	EF4B		GID4937
EF13		GID4881	EF4C		GID4938
EF14		GID4882	EF4D		GID4939
EF15		GID4883	EF4E		GID4940
EF16		GID4884	EF4F		GID4941
EF17		GID4885	EF50		GID4942
EF18		GID4886	EF51		GID4943
EF19		GID4887	EF52		GID4944
EF1A		GID4888	EF53		GID4945
EF1B		GID4889	EF54		GID4946
EF1C		GID4890	EF55		GID4947
EF1D		GID4891	EF56		GID4948
EF1E		GID4892	EF57		GID4949
EF1F		GID4893	EF58		GID4950
EF20		GID4894	EF59		GID4951
EF21		GID4895	EF5A		GID4952
EF22		GID4896	EF5B		GID4953
EF23		GID4897	EF5C		GID4954
EF24		GID4898	EF5D		GID4955
EF25		GID4899	EF5E		GID4956
EF26		GID4900	EF5F		GID4957
EF27		GID4901	EF60		GID4958
EF28		GID4902	EF61		GID4959
EF29		GID4903	EF62		GID4960
EF2A		GID4904	EF63		GID4961
EF2B		GID4905	EF64		GID4962
EF2C		GID4906	EF65		GID4963
EF2D		GID4907	EF66		GID4964
EF2E		GID4908	EF67		GID4965
EF2F		GID4909	EF68		GID4966
EF30		GID4910	EF69		GID4967
EF31		GID4911	EF6A		GID4968
EF32		GID4912	EF6B		GID4969
EF33		GID4913	EF6C		GID4970
EF34		GID4914	EF6D		GID4971
EF35		GID4915	EF6E		GID4972
EF36		GID4916	EF6F		GID4973
EF37		GID4917	EF70		GID4974
EF38		GID4918	EF71		GID4975
EF39		GID4919	EF72		GID4976
EF3A		GID4920	EF73		GID4977
EF3B		GID4921	EF74		GID4978
EF3C		GID4922	EF75		GID4979
EF3D		GID4923	EF76		GID4980
EF3E		GID4924	EF77		GID4981
EF3F		GID4925	EF78		GID4982
EF40		GID4926	EF79		GID4983
EF41		GID4927	EF7A		GID4984
EF42		GID4928	EF7B		GID4985
EF43		GID4929	EF7C		GID4986
EF44		GID4930	EF7D		GID4987
EF45		GID4931	EF7E		GID4988
EF46		GID4932	EF7F		GID4989
EF47		GID4933	EF80		GID4990
EF48		GID4934	EF81		GID4991
EF49		GID4935	EF82		GID4992
EF4A		GID4936	EF83		GID4993
			EF84		GID4994
			EF85		GID4995
			EF86		GID4996
			EF87		GID4997
			EF88		GID4998
			EF89		GID4999

EF8A	~	GID5000	EFC9		GID5063
EF8B	≡	GID5001	EFCA		GID5064
EF8C	🔒	GID5002	EFCE		GID5068
EF8D	🔓	GID5003	EFCD		GID5067
EF8E	+	GID5004	EFCE		GID5068
EF8F	⇨	GID5005	EFCF		GID5069
EF90		GID5006	EFD0		GID5070
EF91	esc	GID5007	EFD1		GID5071
EF92		GID5008	EFD2	+ * #	GID5072
EF93	—	GID5009	EFD3		GID5073
EF94	-	GID5010	EFD4		GID5074
EF95	∴	GID5011	EFD5		GID5075
EF96	∴	GID5012	EFD6		GID5076
EF97	*	GID5013	EFD7	Done	GID5077
EF98	*	GID5014	EFD8		GID5078
EF99		GID5015	EFD9		GID5079
EF9A		GID5016	EFDA		GID5080
EF9B		GID5017	EFDB		GID5081
EF9C		GID5018	EFDC		GID5082
EF9D	↔	GID5019	EFDD		GID5083
EF9E	⏸	GID5020	EFDE		GID5084
EF9F	⏸	GID5021	EFDF		GID5085
EFA0	◀	GID5022	EFE0		GID5086
EFA1	◀	GID5023	EFE1		GID5087
EFA2	🔊	GID5024	EFE2		GID5088
EFA3	▲	GID5025	EFE3		GID5089
EFA4	*	GID5026	EFE4		GID5090
EFA5	*	GID5027	EFE5		GID5091
EFA6	⏸	GID5028	EFE6		GID5092
EFA7		GID5029	EFE7		GID5093
EFA8	↺	GID5030	EFE8		GID5094
EFA9	↺	GID5031	EFE9		GID5095
EFAA		GID5032	EFEA		GID5096
EFAB	✖	GID5033	EFEB		GID5097
EFAC		GID5034	EFEC	+	GID5098
EFAD	↓	GID5035	EFED	×	GID5099
EFAE	⚡	GID5036	EFEE		GID5100
EFAF	↔	GID5037	EFEF		GID5101
EFB0	HOLD	GID5038	EFF0		GID5102
EFB1	MENU	GID5039	EFF1		GID5103
EFB2	▶	GID5040	EFF2	▲	GID5104
EFB3	◀	GID5041	EFF3	●	GID5105
EFB4	▷	GID5042	EFF4	▼	GID5106
EFB5	◁	GID5043	EFF5	⏪	GID5107
EFB6	⏩	GID5044	EFF6	◀	GID5108
EFB7	⏮	GID5045	EFF7	▶	GID5109
EFB8	⏭	GID5046	EFF8		GID5110
EFB9		GID5047	EFF9	▶	GID5111
EFBA	✖	GID5048	EFFA	⏩	GID5112
EFBB	⌘	GID5049	EFFB	◀	GID5113
EFBC		GID5050	EFFC	➡	GID5114
EFBD		GID5051	EFFD	➡	GID5115
EFBE		GID5052	EFFE		GID5116
EFBF	€	GID5053	EFFF		GID5117
EFC0	📶	GID5054	F000		GID5118
EFC1	📶	GID5055	F001		GID5119
EFC2	✖	GID5056	F002	✖	GID5120
EFC3	✖	GID5057	F003	✖	GID5121
EFC4	📄	GID5058	F004	📄	GID5122
EFC5		GID5059	F005		GID5123
EFC6	🔔	GID5060	F006		GID5124
EFC7	🔔	GID5061			
EFC8	🔔	GID5062			

	F03	F04	F05	F06	F07
0	 F030		 F050		 F070
1	 F031	 F041	 F051	 F061	 F071
2	 F032	 F042	 F052	 F062	 F072
3	 F033	 F043	 F053	 F063	 F073
4	 F034	 F044		 F064	 F074
5		 F045		 F065	 F075
6		 F046		 F066	 F076
7		 F047		 F067	
8	 F038	 F048		 F068	 F078
9	 F039	 F049		 F069	 F079
A		 F04A		 F06A	 F07A
B		 F04B		 F06B	
C		 F04C		 F06C	
D		 F04D		 F06D	
E		 F04E		 F06E	
F		 F04F		 F06F	

**Box drawing**

F030	—	ORN-BRASSDASH-MIDDLE-SMOOTH = Hoefler glyph 6
F031	⊞	ORN-BORDER-TILE-4 = Hoefler glyph 7
F032	⊞	ORN-BORDER-TILE-3 = Hoefler glyph 8
F033	⊞	ORN-BORDER-TILE-2 = Hoefler glyph 9
F034	⊞	ORN-BORDER-TILE-1 = Hoefler glyph 10
F035		<reserved>
F036		<reserved>
F037		<reserved>
F038	—	ORN-BRASSDASH-MIDDLE-DIMPLE = Hoefler glyph 11
F039	—	ORN-BRASSDASH-MIDDLE-LOZENGE = Hoefler glyph 12

**Ornaments**

F041	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-H-D-L = Hoefler glyph 13
F042	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-H-D-R = Hoefler glyph 14
F043	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-H-U-L = Hoefler glyph 15
F044	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-H-U-R = Hoefler glyph 16
F045	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-V-D-L = Hoefler glyph 17
F046	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-V-D-R = Hoefler glyph 18
F047	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-V-U-L = Hoefler glyph 19
F048	⌚	ORN-BORDER-ARAB-ENGRAVED-WAVE-V-U-R = Hoefler glyph 20
F049	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-H-D-L = Hoefler glyph 21
F04A	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-H-D-R = Hoefler glyph 22
F04B	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-H-U-L = Hoefler glyph 23
F04C	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-H-U-R = Hoefler glyph 24
F04D	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-V-D-L = Hoefler glyph 25
F04E	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-V-D-R = Hoefler glyph 26
F04F	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-V-U-L = Hoefler glyph 27
F050	⌚	ORN-BORDER-ARAB-ENGRAVED-SCROLL-V-U-R = Hoefler glyph 28
F051	⌚	ORN-FLEURON-ACORN-LIGHT = Hoefler glyph 29
F052	⌚	ORN-FLEURON-1-LIGHT = Hoefler glyph 30
F053	⌚	ORN-FLEURON-2-LIGHT = Hoefler glyph 31
F054		<reserved>
F055		<reserved>
F056		<reserved>
F057		<reserved>
F058		<reserved>
F059		<reserved>
F05A		<reserved>
F05B		<reserved>
F05C		<reserved>
F05D		<reserved>

F05E		<reserved>
F05F		<reserved>
F060		<reserved>
F061	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-H-D-L = Hoefler glyph 34
F062	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-H-D-R = Hoefler glyph 35
F063	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-H-U-L = Hoefler glyph 36
F064	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-H-U-R = Hoefler glyph 37
F065	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-V-D-L = Hoefler glyph 38
F066	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-V-D-R = Hoefler glyph 39
F067	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-V-U-L = Hoefler glyph 40
F068	⌚	ORN-BORDER-ARAB-SIMPLE-WAVE-V-U-R = Hoefler glyph 41
F069	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-H-D-L = Hoefler glyph 42
F06A	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-H-D-R = Hoefler glyph 43
F06B	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-H-U-L = Hoefler glyph 44
F06C	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-H-U-R = Hoefler glyph 45
F06D	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-V-D-L = Hoefler glyph 46
F06E	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-V-D-R = Hoefler glyph 47
F06F	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-V-U-L = Hoefler glyph 48
F070	⌚	ORN-BORDER-ARAB-SIMPLE-SCROLL-V-U-R = Hoefler glyph 49
F071	⌚	ORN-FLEURON-ACORN-DARK = Hoefler glyph 50
F072	⌚	ORN-FLEURON-1-DARK = Hoefler glyph 51
F073	⌚	ORN-FLEURON-2-DARK = Hoefler glyph 52

**Miscellaneous symbols and pictographs**

F074	☀	ORN-SUN = Hoefler glyph 53 → 1F31E sun with face
F075	☾	ORN-MOON-CRESCENT = Hoefler glyph 54 → 1F31C last quarter moon with face
F076	👑	ORN-CROWN = Hoefler glyph 55 → 1F451 crown
F077		<reserved>
F078	🌹	ORN-FLEURDELYS = Hoefler glyph 57 → 269C 🌹 fleur-de-lis
F079	🚢	ORN-SAILSHIP = Hoefler glyph 58

**Ornaments**

F07A	🌾	ORN-AFLOURISH = Hoefler glyph 59
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