

TO: Unicode Technical Committee

FROM: Deborah Anderson

DATE: 24 October 2005

Summary of proposed changes from L2/05-106, Byzantine Musical Notation: Proposal for Changes by Nick Nicholas

Changes proposed, no action:

1. Change glyphs (p.8) for 1D09C and 1D09F, the Agogi Argi and Agogi Gorgi: [DONE]
2. New characters (p. 1): seven possible characters, but a proposal would need additional feedback from experts; two characters, Byzantine Musical Note Pentagorgon and Byzantine Musical Note Exagorgon, Nick has himself seen.
3. Most of the document includes decompositions. I have left these out in the comments below. DUCET changes are listed at the end of this document.
4. Correct rubrics:
U+1D0B5 Byzantine Musical Symbol Gorthmikon N Diploun belongs to Ichimas and Evidentials, not Destroyers.
U+1D0CA Byzantine Musical Symbol Chroa Spathi belongs to Destroyers, not Differentiators.
U+1D0D9 Byzantine Musical Symbol Geniki Yfesis belongs to Differentiators, not Rhythmics.
U+1D0E5 Byzantine Musical Symbol Simansis Arseos Tetrasimou 7 belongs to Rhythmics, not Letters.
[DONE]

Other changes in the proposal:

5. Annotations

a. Deprecated (pp. 1-2)

Nick lists two sets of characters that he has not found to be actually attested in musical contexts:

(p.1)

1D000 Byzantine Musical Symbol Psili,
1D001 Byzantine Musical Symbol Daseia, and
1D002 Byzantine Musical Symbol Perispomeni,
[gives compat. decompositions]

(p. 2)

1D0E7 Byzantine Musical Symbol Diftoggos Ou
1D0E8 Byzantine Musical Symbol Stigma
1D0E6 Byzantine Musical Symbol Digamma GG
[gives compat. decompositions]

b. Annotations to add

(p. 5) Nick gives compatibility decompositions with the conditioning annotated for the following two characters:

1D0B4 Byzantine Musical Symbol Gorthmikon N Aploun

≈ U+03BD [Greek Small Letter Nu]

- Used in intonation formulas instead of nu, before phonemes a, i, o, u

1D0B5 Byzantine Musical Symbol Gorthmikon N Diploun

≈ U+03BD [Greek Small Letter Nu]

- Used in intonation formulas instead of nu, before phoneme e

c. Annotation to add

(p. 7)

1D09A Byzantine Musical Symbol Agogi Poli Argi

- Glyphs shown for conduits reflect Greek practice, with chi as the base letter; different national traditions use glyphs with different base letters (e.g. T in Romanian)

d. Annotations of variant names used by some authorities

(p. 7)

1D098 Byzantine Musical Symbol Imidiargon

- Called by some authorities Diargon

1D099 Byzantine Musical Symbol Diargon

- Called by some authorities Triargon

6. Cross references:

a. Deprecated

(p. 2)

1D0E7 Byzantine Musical Symbol Diftoggos Ou

→ 0223 [Latin Small Letter Ou]

1D0E8 Byzantine Musical Symbol Stigma

→ 03DB [Greek Small Letter Stigma]

b. Diachronic Equivalences

(p.2) Gives CR to the more widely used "post-early" glyphs:

1D015 Byzantine Musical Symbol Oligon Archaion

→ 1D047 Byzantine Musical Symbol Oligon Neo

1D016 Byzantine Musical Symbol Gorgon Archaion

→ 1D08F Byzantine Musical Symbol Gorgon Neo Ano
 1D018 Byzantine Musical Symbol Oligon Chamilon
 → 1D056 Byzantine Musical Symbol Chamili2
 1D01A Byzantine Musical Symbol Ison Archaion
 → 1D046 Byzantine Musical Symbol Ison Neo
 1D01B Byzantine Musical Symbol Kentima Archaion
 → 1D04F Byzantine Musical Symbol Kentima Neo Ano
 1D01C Byzantine Musical Symbol Kentimata Archaion
 → 1D04E Byzantine Musical Symbol Kentimata Neo Ano
 1D022 Byzantine Musical Symbol Apoderma Archaion
 → 1D084 Byzantine Musical Symbol Apoderma Neo
 1D024 Byzantine Musical Symbol Klasma
 → 1D07F Byzantine Musical Symbol Klasma Ano3
 1D026 Byzantine Musical Symbol Piasma Archaion
 → 1D059 Byzantine Musical Symbol Piasma Neo
 1D02A Byzantine Musical Symbol Synagma Archaion
 → 1D065 Byzantine Musical Symbol Synagma Neo
 1D02C Byzantine Musical Symbol Oyransima Archaion
 → 1D075 Byzantine Musical Symbol Oyransima Neo
 1D036 Byzantine Musical Symbol Tromikon Archaion
 → 1D063 Byzantine Musical Symbol Tromikon Neo
 1D038 Byzantine Musical Symbol Pelaston
 → 1D04D Byzantine Musical Symbol Pelaston Neo
 1D039 Byzantine Musical Symbol Psifiston
 → 1D05A Byzantine Musical Symbol Psifiston Neo
 1D03B Byzantine Musical Symbol Chorevma Archaion
 → 1D067 Byzantine Musical Symbol Chorevma Neo
 1D03D Byzantine Musical Symbol Parakalesma Archaion
 → 1D05F Byzantine Musical Symbol Parakalesma Neo
 1D03E Byzantine Musical Symbol Paraklitiki Archaion
 → 1D05E Byzantine Musical Symbol Paraklitiki Neo
 1D053 Byzantine Musical Symbol Yporroi
 → 1D07A Byzantine Musical Symbol Katavasma

c. 1.2.7 CR to Western equivalent

(p. 7)

1D0DA Byzantine Musical Symbol Diastoli Mikri

→ 1D100 Musical Symbol Single Barline
1D0DB Byzantine Musical Symbol Diastoli Megali
→ 1D100 Musical Symbol Single Barline

7. DUCET changes

Nick proposed that the equivalences identified in his document be incorporated into DUCET, with full equivalents distinguished at the tertiary level, and compatibility equivalents at the secondary level (excluding the retard combinations):

1D000 ; [*0217.0020.0002.1D000] # BYZANTINE MUSICAL SYMBOL PSILI: made equivalent to 1FBF GREEK PSILI

1D001 ; [*0218.0020.0002.1D001] # BYZANTINE MUSICAL SYMBOL DASEIA: made equivalent to 1FFE GREEK DASIA

1D002 ; [*021D.0020.0002.1D002] # BYZANTINE MUSICAL SYMBOL PERISPOMENI: made equivalent to 1FC0 GREEK PERISPOMENI

1D0E6 ; [.10EA.0020.0002.1D0E6][.10EA.0020.0002.1D0E6] # BYZANTINE MUSICAL SYMBOL DIGRAMMA GG: made equivalent to 03B3 GREEK SMALL LETTER GAMMA + 03B3 GREEK SMALL LETTER GAMMA

1D0E7 ; [.10FB.0020.0002.1D0E7][.1104.0020.0002.1D0E7] # BYZANTINE MUSICAL SYMBOL DIFTOGGOS OU: made equivalent to 03BF GREEK SMALL LETTER OMICRON + 03C5 GREEK SMALL LETTER UPSILON

1D0E8 ; [.1102.0020.0002.1D0E8][.1103.0020.0002.1D0E8] # BYZANTINE MUSICAL SYMBOL STIGMA: made equivalent to 03C3 GREEK SMALL LETTER SIGMA + 03C4 GREEK SMALL LETTER TAU

1D015 ; [*0C23.0020.0002.1D015] # BYZANTINE MUSICAL SYMBOL OLIGON ARCHAION

1D047 ; [*0C23.0021.0002.1D047] # BYZANTINE MUSICAL SYMBOL OLIGON NEO: made equivalent to 1D015

1D016 ; [*0C24.0020.0002.1D016] # BYZANTINE MUSICAL SYMBOL GORGON ARCHAION

1D08F ; [*0C24.0021.0002.1D08F] # BYZANTINE MUSICAL SYMBOL GORGON NEO ANO: made equivalent to 1D016

1D0F5 ; [*0C24.0021.0003.1D0F5] # BYZANTINE MUSICAL SYMBOL GORGON NEO KATO: made equivalent to 1D08F

1D018 ; [*0C26.0020.0002.1D018] # BYZANTINE MUSICAL SYMBOL CHAMILON

1D056 ; [*0C64.0021.0002.1D056] # BYZANTINE MUSICAL SYMBOL CHAMILI: made equivalent to 1D018

1D01A ; [*0C28.0020.0002.1D01A] # BYZANTINE MUSICAL SYMBOL ISON ARCHAION

1D046 ; [*0C28.0021.0002.1D046] # BYZANTINE MUSICAL SYMBOL ISON NEO: made equivalent to 1D01A

1D01B ; [*0C29.0020.0002.1D01B] # BYZANTINE MUSICAL SYMBOL KENTIMA ARCHAION
1D04F ; [*0C29.0021.0002.1D04F] # BYZANTINE MUSICAL SYMBOL KENTIMA NEO ANO:
equivalent to 1D01B

1D0F1 ; [*0C29.0021.0004.1D0F1] # BYZANTINE MUSICAL SYMBOL KENTIMA NEO MESO:
made equivalent to 1D04E

1D0F3 ; [*0C29.0021.0004.1D0F3] # BYZANTINE MUSICAL SYMBOL KENTIMA NEO KATO:
made equivalent to 1D04F

1D01C ; [*0C2A.0020.0002.1D01C] # BYZANTINE MUSICAL SYMBOL KENTIMATA
ARCHAION

1D04E ; [*0C2A.0021.0002.1D04E] # BYZANTINE MUSICAL SYMBOL KENTIMATA NEO ANO:
made equivalent to 1D01C

1D0F0 ; [*0C29.0021.0003.1D0F0] # BYZANTINE MUSICAL SYMBOL KENTIMATA NEO
MESO: made equivalent to 1D04E

1D0F2 ; [*0C29.0021.0003.1D0F2] # BYZANTINE MUSICAL SYMBOL KENTIMATA NEO KATO:
made equivalent to 1D04F

1D022 ; [*0C30.0020.0002.1D022] # BYZANTINE MUSICAL SYMBOL APODERMA ARCHAION
1D084 ; [*0C30.0021.0002.1D084] # BYZANTINE MUSICAL SYMBOL APODERMA NEO: made
equivalent to 1D022

1D024 ; [*0C32.0020.0002.1D024] # BYZANTINE MUSICAL SYMBOL KLASMA
1D07F ; [*0C32.0021.0002.1D07F] # BYZANTINE MUSICAL SYMBOL KLASMA ANO: made
equivalent to 1D024

1D0F4 ; [*0C32.0021.0003.1D0F4] # BYZANTINE MUSICAL SYMBOL KLASMA KATO: made
equivalent to 1D07F

1D026 ; [*0C34.0020.0002.1D026] # BYZANTINE MUSICAL SYMBOL PIASMA ARCHAION
1D059 ; [*0C34.0021.0002.1D059] # BYZANTINE MUSICAL SYMBOL PIASMA NEO: made
equivalent to 1D026

1D02A ; [*0C38.0020.0002.1D02A] # BYZANTINE MUSICAL SYMBOL SYNAGMA ARCHAION
1D065 ; [*0C38.0021.0002.1D065] # BYZANTINE MUSICAL SYMBOL SYNAGMA NEO: made
equivalent to 1D02A

1D02C ; [*0C3A.0020.0002.1D02C] # BYZANTINE MUSICAL SYMBOL OYRANISMA
ARCHAION

1D075 ; [*0C3A.0021.0002.1D075] # BYZANTINE MUSICAL SYMBOL OYRANISMA NEO: made
equivalent to 1D02C

1D036 ; [*0C44.0020.0002.1D036] # BYZANTINE MUSICAL SYMBOL TROMIKON ARCHAION
1D063 ; [*0C44.0021.0002.1D063] # BYZANTINE MUSICAL SYMBOL TROMIKON NEO: made
equivalent to 1D036

1D038 ; [*0C46.0020.0002.1D038] # BYZANTINE MUSICAL SYMBOL PELASTON

1D04D ; [*0C46.0021.0002.1D04D] # BYZANTINE MUSICAL SYMBOL PELASTON NEO: made equivalent to 1D038

1D039 ; [*0C47.0020.0002.1D039] # BYZANTINE MUSICAL SYMBOL PSIFISTON

1D05A ; [*0C47.0021.0002.1D05A] # BYZANTINE MUSICAL SYMBOL PSIFISTON NEO: made equivalent to 1D039

1D03B ; [*0C49.0020.0002.1D03B] # BYZANTINE MUSICAL SYMBOL CHOREVMA ARCHAION

1D067 ; [*0C49.0021.0002.1D067] # BYZANTINE MUSICAL SYMBOL CHOREVMA NEO: made equivalent to 1D03B

1D03D ; [*0C4B.0020.0002.1D03D] # BYZANTINE MUSICAL SYMBOL PARAKALESMA ARCHAION

1D05F ; [*0C4B.0021.0002.1D05F] # BYZANTINE MUSICAL SYMBOL PARAKALESMA NEO: made equivalent to 1D03D

1D03E ; [*0C4C.0020.0002.1D03E] # BYZANTINE MUSICAL SYMBOL PARAKLITIKI ARCHAION

1D05E ; [*0C4C.0021.0002.1D05E] # BYZANTINE MUSICAL SYMBOL PARAKLITIKI NEO: made equivalent to 1D03E

1D053 ; [*0C61.0020.0002.1D053] # BYZANTINE MUSICAL SYMBOL YPORROI

1D07A ; [*0C61.0021.0002.1D07A] # BYZANTINE MUSICAL SYMBOL KATAVASMA: made equivalent to 1D053

1D073 ; [*0C81.0020.0002.1D073] # BYZANTINE MUSICAL SYMBOL ARGOSYNTHETON

1D074 ; [*0C81.0021.0002.1D074] # BYZANTINE MUSICAL SYMBOL ETERON ARGOSYNTHETON: made equivalent to 1D073

1D081 ; [*0C8F.0020.0002.1D081] # BYZANTINE MUSICAL SYMBOL KRATIMA ARCHAION

1D082 ; [*0C90.0021.0002.1D082] # BYZANTINE MUSICAL SYMBOL KRATIMA ALLO: made equivalent to 1D081

1D083 ; [*0C91.0022.0002.1D083] # BYZANTINE MUSICAL SYMBOL KRATIMA NEO: made equivalent to 1D081

1D0B2 ; [*0CBF.0020.0002.1D0B1][*0CB0.0021.0002.1D0A3][*0CBB.0020.0002.1D0AD] # BYZANTINE MUSICAL SYMBOL MARTYRIA PROTOVARYS ICHOS: decomposed

1D0B3 ; [*0CB9.0020.0002.1D0AB][*0CB6.0020.0002.1D0A8][*0CBB.0020.0002.1D0AD] # BYZANTINE MUSICAL SYMBOL MARTYRIA PLAGIOS TETARTOS ICHOS: decomposed

1D0B4 ; [.10F9.0020.0006.1D0B4] # BYZANTINE MUSICAL SYMBOL GORTHMIKON N APLOUN: made equivalent to 03BD GREEK SMALL LETTER NU

1D0B5 ; [.10F9.0020.0007.1D0B5] # BYZANTINE MUSICAL SYMBOL GORTHMIKON N DIPLOUN: made equivalent to 03BD GREEK SMALL LETTER NU

1D0DB ; [*0CE9.0020.0002.1D0DB] # BYZANTINE MUSICAL SYMBOL DIASTOLI APLI
MEGALI

1D0DA ; [*0CE9.0021.0002.1D0DA] # BYZANTINE MUSICAL SYMBOL DIASTOLI APLI MIKRI:
made equivalent to 1D0DB