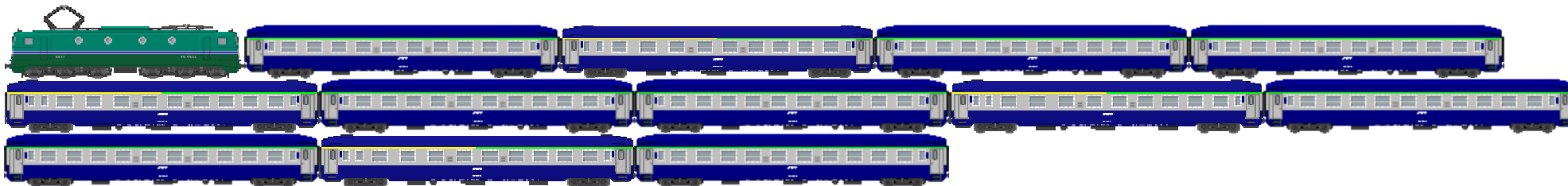


Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

HIVER 1980/81

EXP 5320 BOURG ST MAURICE- LE HAVRE

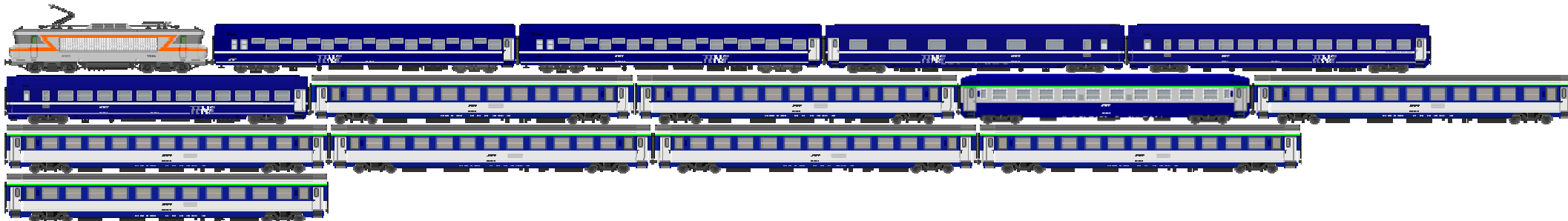
CC 7100 + B9c9x UIC + A4c4B5c5x UIC + B9c9x UIC + B9c9x UIC + A4c4B5c5x UIC + B9c9x UIC + B9c9x UIC + A4c4B5c5x UIC + B9c9x UIC + B9c9x UIC + A4c4B5c5x UIC + B9c9x UIC



ETE 1980

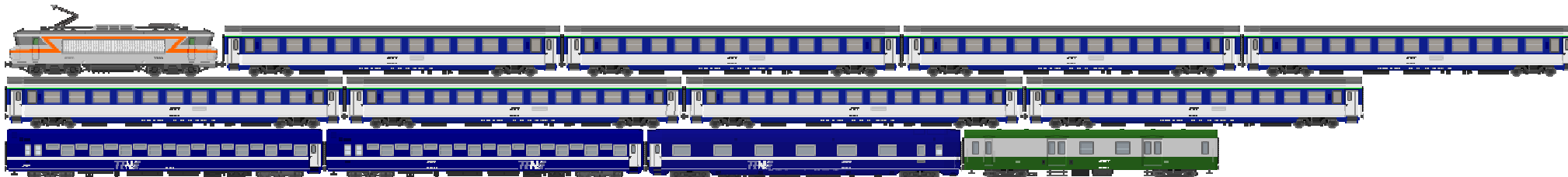
RAP 182 "LE TRAIN BLEU" VINTIMILLE - PARIS

BB 22200 + WLAB T2 + WLAB T2 + WLAB MU + WLAB MU + WLAB MU + B10c10x VU + B10c10x VU + B9c9x UIC + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU



RAP 196 "L'ESTEREL" NICE - PARIS

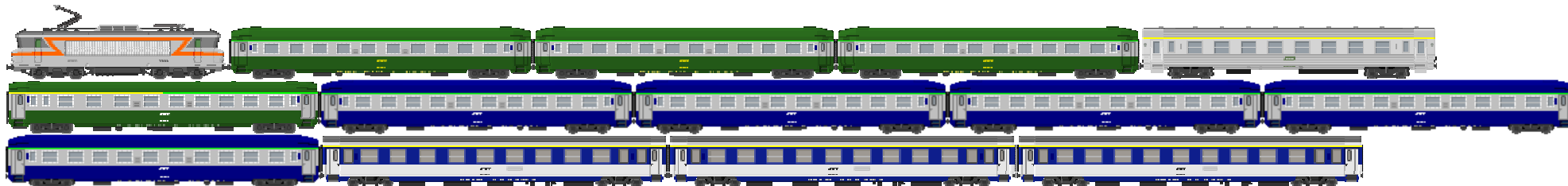
BB 22200 + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + B10c10x VU + WLAB T2 + WLAB T2 + WLAB MU + Dd4 UIC



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

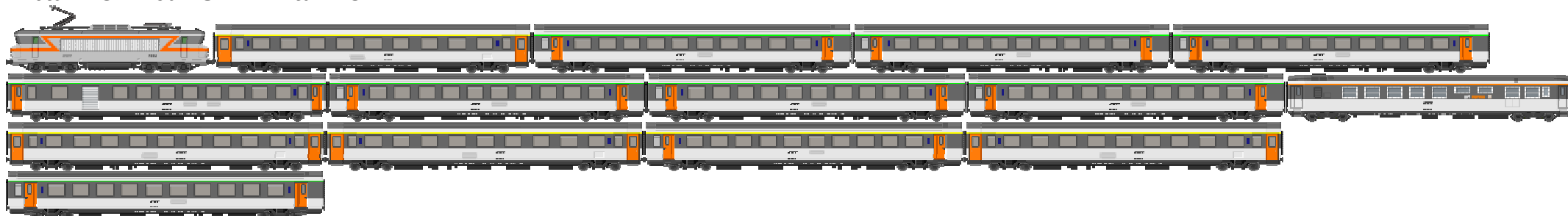
RAP 5018 "COTE D'AZUR" NICE - PARIS

BB 22200 + B10 UIC + B10 UIC + B10 UIC + A8j DEV + A4c4B5cx UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + A9c9x VU + A9c9x VU + A9c9x VU



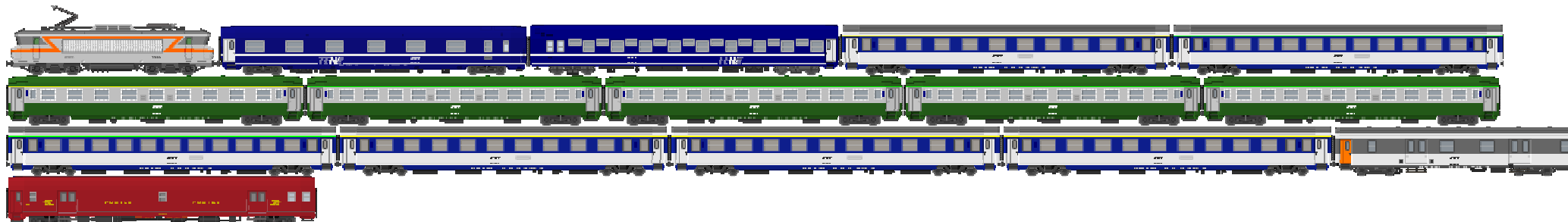
RAP 5024 NICE - PARIS

BB 7200 + A9u VSE + B11tu VTU + B11tu VTU + B11tu VTU + B6Du VU + B11tu VTU + B11tu VTU + B11tu VTU + VR GE + A9u VSE + A9u VSE + A10tu VTU + A9u VSE + B11tu VTU



EXP 5061 PARIS - VINTIMILLE

BB 22200 + WLAB MU + WLAB T2 + A9c9x VU + B10c10x VU + A9 UIC + B10 UIC + B10 UIC + B10 UIC + B10 UIC + B10c10x VU + A9c9x VU + A9c9x VU + A9c9x VU + Dd2s MC76 + Paz UIC

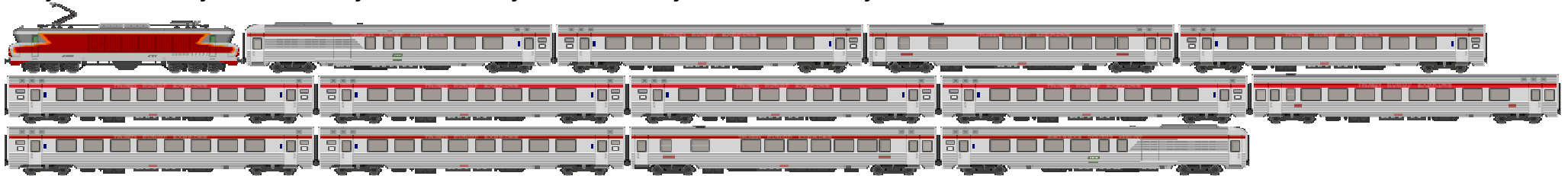


Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

ETE 1981

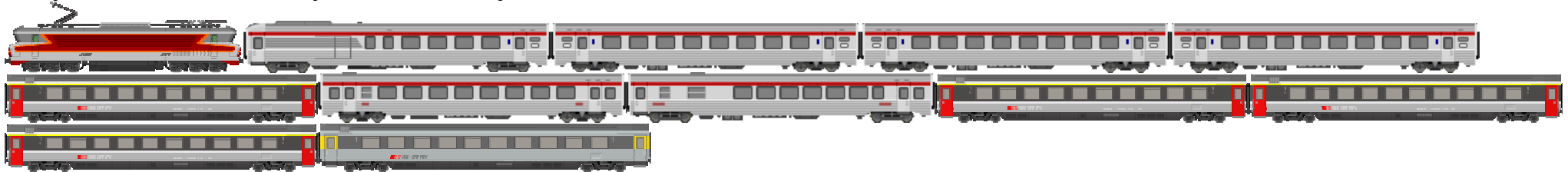
TEE 11 “LE MISTRAL” PARIS - NICE

CC 6500 + A4Dtux TEE 69 + A8tuj TEE 69 + Wruj TEE 69+ A8tuj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + Arux TEE 69 bar + A8uj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + Wruj TEE 69 + A8tuj TEE 69 + A4Dtuxj TEE 69



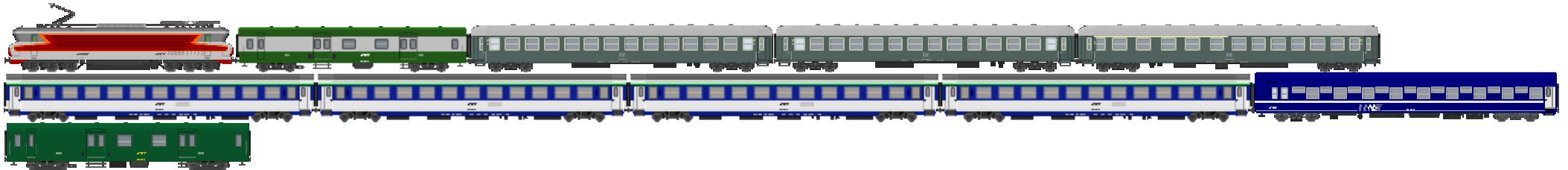
TEE 23 "CISALPIN" PARIS - MILAN

CC 21000 + A4Dtuxj TEE inox + A8uj TEE inox + A8uj TEE inox + A8uj TEE inox + A8tuj TEE inox Sbb cff + A3rtuj TEE inox + Vruj TEE inox + A8tuj TEE inox Sbb cff + A8uj TEE inox + A8tuj TEE inox Sbb cff



RAP 223 "LOMBARDIE EXPRESS" PARIS - VENISE

CC 21000 + Dd2s + B12 FS + B12 FS + A5B6 FS + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL T2 + Dd2s



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

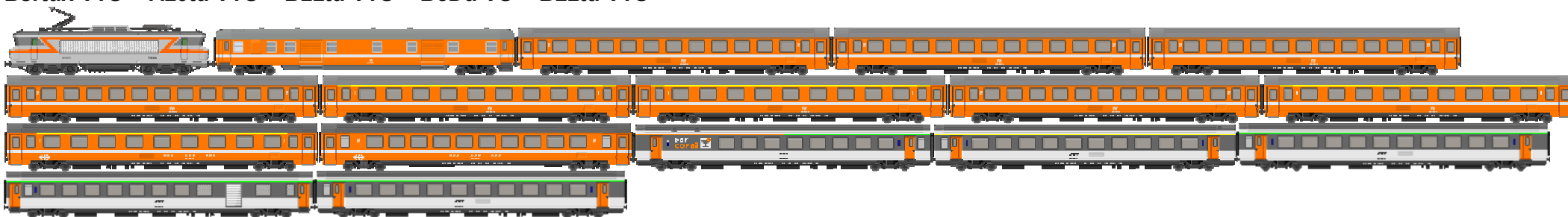
RAP 225 CALAIS - VENISE

CC 7100 + A4B6u VU + A4B5 UIC + B9c9x UIC + B9c9x UIC + VL MU + A4B5 UIC + B10 UIC + B9c9x UIC + Dd4s+B9c9x UIC



RAP 227 "LUTETIA" PARIS - MILAN

BB 22200 + Ds FS + B11u FS + B11u FS + B11u FS + B11u FS + A9u FS + A9u FS + B11u FS + A9u FS + A9u SBB CFF + B10tu SBB CFF + B5rtux VTU + A10tu VTU + B11tu VTU + B6Du VU + B11tu VTU



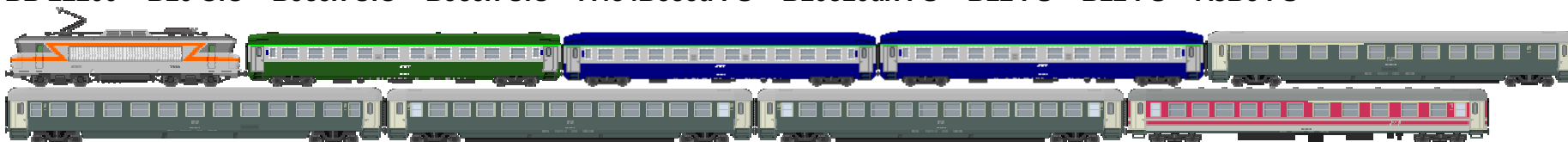
RAP 1121 "SIMPLON EXPRESS" PARIS - VENISE

BB 7200 + VL MU + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + Vr GE corail



RAP 1127 "PARTHENON" PARIS - BRINDISI

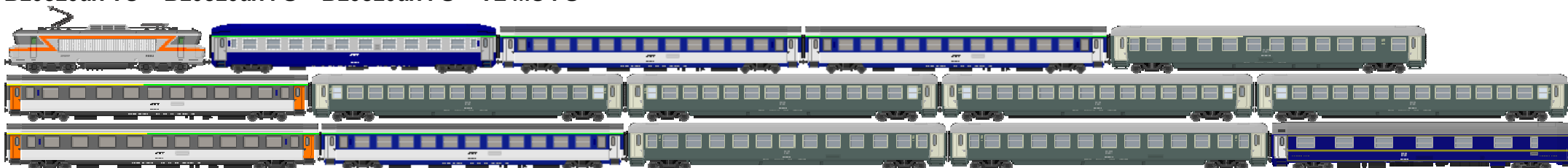
BB 22200 + B10 UIC + B9c9x UIC + B9c9x UIC + A4c4B6c6u FS + B10c10ux FS + B12 FS + B12 FS + A5B6 FS



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 211 "NAPOLI EXPRESS" BOULOGNE - NAPLES

BB 7200 + B9c9x UIC + B10c10ux VU + B10c10ux VU + A4c4B6c6u FS + A4B6u VU + B12u FS + B12u FS + B12u FS + B12u FS + A4B6u VU + B10c10ux VU + B10c10ux FS + B10c10ux FS + VL MU FS



RAP 213 "PALATINO" PARIS - ROME

CC 6500 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL T2s FS + VL M FS + VL MU FS + VL MU FS + B10c10ux VU + B10c10ux VU + Vr GE corail + A9tuj DEV inox



RAP 217 PARIS - TURIN

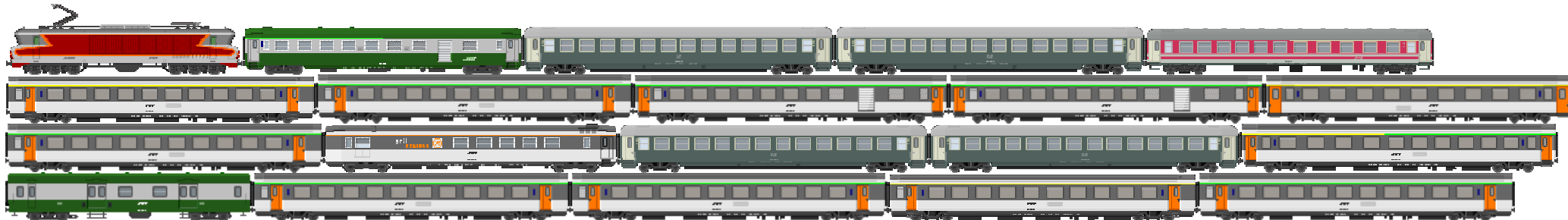
CC 6500 + Dd2s + B12u FS + A4B6u VU + B10c10ux VU + B10c10ux VU + Dd2s



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

EXP 219 PARIS - TURIN

CC 6500 + B5D UIC + B12 FS + B12 FS + A5B6 FS + A10tu VTU + B11tu VTU + B6Du VU + B6Du VU + A9u VSE + B11tu VTU + Vr GE corail + B12 FS + B12 FS + A4B6u VU + Dd2s + B11tu VTU + B11tu VTU + A10tu VTU + B11tu VTU



HIVER 1981/82

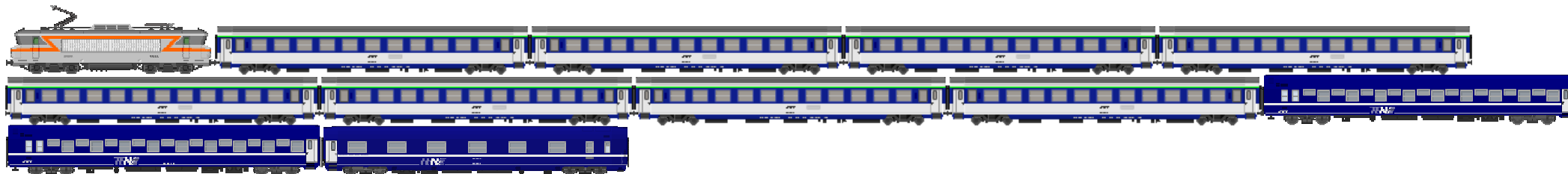
RAP 181 "MISTRAL" PARIS - NICE

CC 6500 + B11tu VTU + B11tu VTU + B11tu VTU + B11tu VTU + B11tu VTU + B5rtux VTU + Wruj TEE 69 + A8tuj TEE 69 + A8uj TEE 69 + A8tuj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + A8tuj TEE 69 + A4Dtujx TEE 69



RAP 183 "LE TRAIN BLEU" PARIS - VINTIMILLE

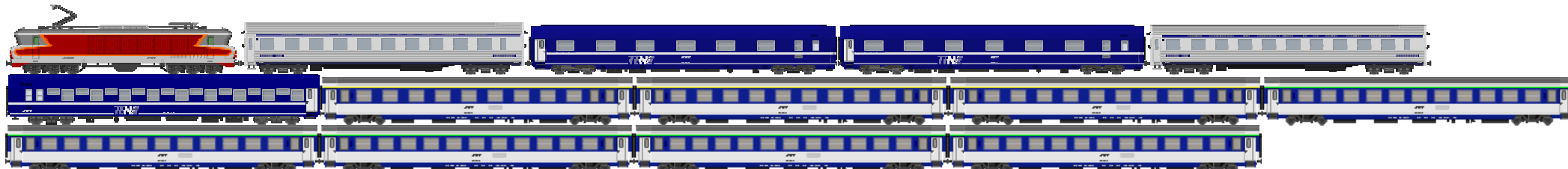
BB 22200 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL T2 + VL T2 + VL MU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 189 "LE PHOCEEN" PARIS - MARSEILLE

CC 6500 + VL P + VL MU + VL MU + VL P+ VL T2 + A9c9ux VU + A9c9ux VU + A9c9ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



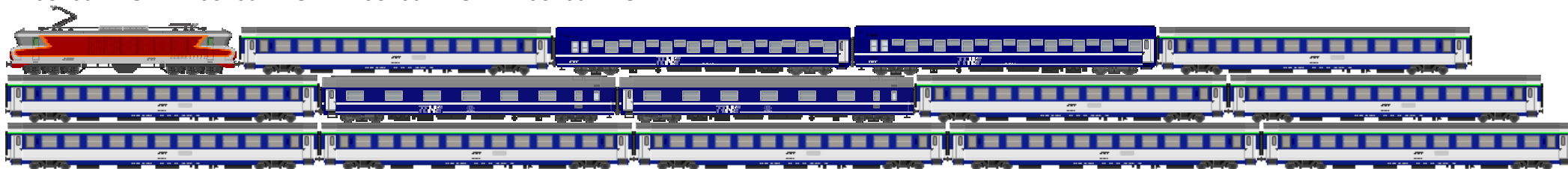
RAP 197 "L'ESTEREL" PARIS - NICE

BB 22200 + VL T2 + VL MU + VL MU + VL T2 + VL T2 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



RAP 2507 "FLANDRE RIVIERA" BRUXELLES - VINTIMILLE

CC 6500 + B10c10ux VU + VL T2 + VL T2 + B10c10ux VU + B10c10ux VU + VL MU SNCB + VL MU SNCB + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

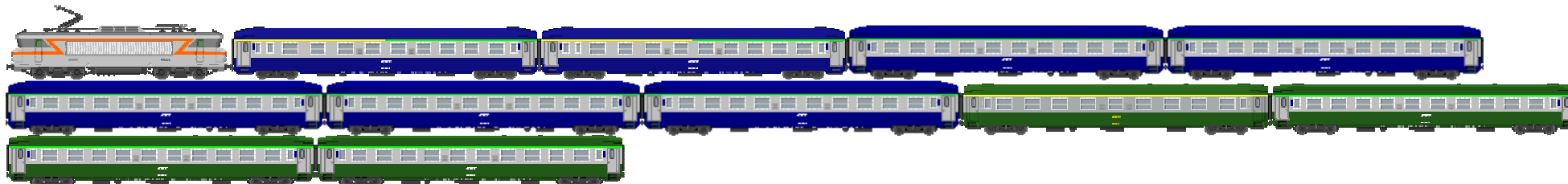
RAP 17 “LE RHODANIEN” PARIS - MARSEILLE

BB 22200 + B11tu VTU + A10u VU + B11u VU + B11tu VTU + B11tu VTU + B11tu VTU + B11tu VTU + VR GE+B5D UIC



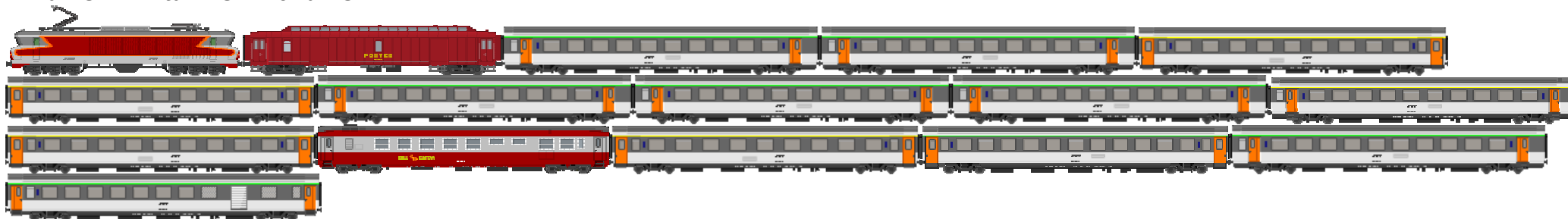
RAP 5019 “PARIS COTE D'AZUR” PARIS - NICE

BB 22200 + A4c4B5c5x UIC + A4c4B5c5x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + A9 UIC + B10 UIC + B10 UIC + B10 UIC



RAP 5025 PARIS - NICE

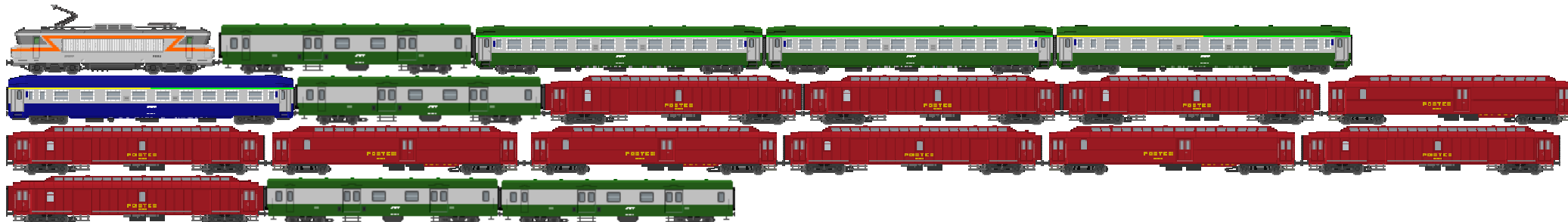
BB 6500 + PEZ + B11tu VTU + B11tu VTU + A9u VSE + A9u VSE + B11tu VTU + B11tu VTU + B11tu VTU + A10tu VTU + A9u VSE + VR GE + A9u VSE + B11u VU + B11tu VTU + B6Du VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

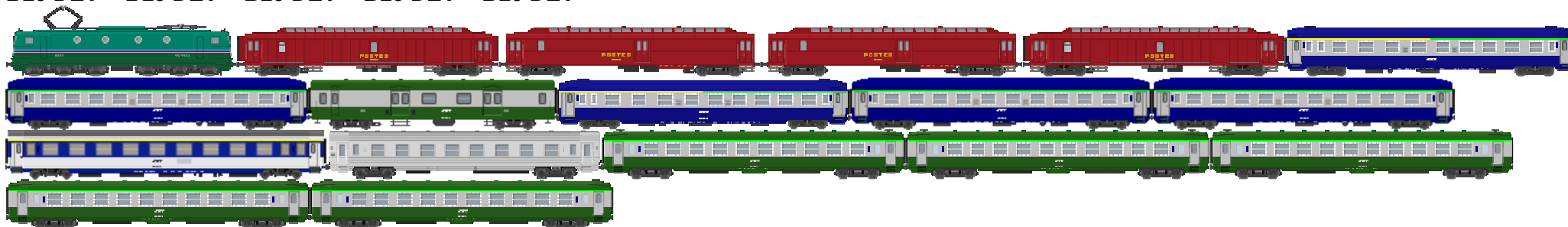
EXP 5037 PARIS - MARSEILLE

BB 7200 + Dd2s + B10 UIC + B10 UIC + A4B5 UIC + A4c4B5c5x UIC + Dd2s + PEZ + PEZ + PEZ + PAZ + PEZ + PAZ + PAZ + PEZ + PAZ + PEZ + PEZ + Dd4s + Dd2s



RAP 5041 PARIS - MARSEILLE

CC 7100 + PEZ + PAZ + PAZ + PEZ + A4c4B5c5x UIC + B9c9x UIC + Dd4s + A4c4B5c5 UIC + B9c9x UIC + B9c9x UIC + A9c9ux VU + A8j DEV Inox + B10 DEV + B10 DEV + B10 DEV + B10 DEV + B10 DEV



RAP 5051 PARIS - VINTIMILLE

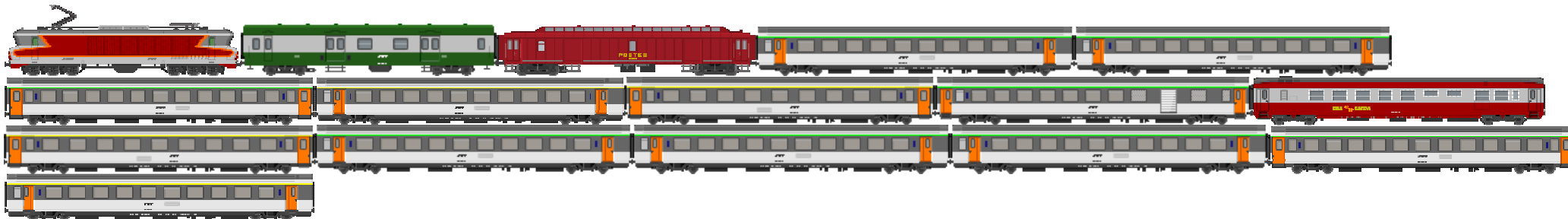
BB 7200 + PEZ + B11u VU + B11u VU + B11tu VTU + B11tu VTU + B11tu VTU + B6Ddu VU + A9u VSE + A9u VSE + VR GE + A9u VSE + A10tu VTU + B11tu VTU + B11tu VTU + Dd2s



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

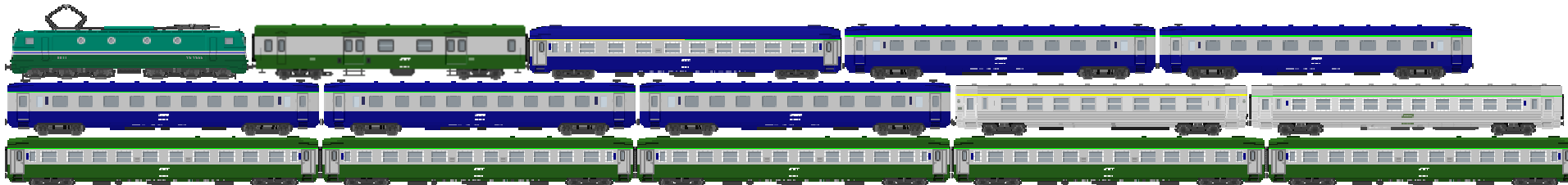
RAP 5055 PARIS - NICE

CC 6500 + Dd2s + PEZ + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU + A9u VSE + B6Du VU + VR GE + A9u VSE + B11tu VTU + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU



EXP 5057 PARIS - MARSEILLE

CC 7100 + Dd2 + A4c4B5c5x UIC + B9c9 DEV + B9c9 DEV + B9c9 DEV + B9c9 DEV + B9c9 DEV + A8j DEV Inox + B10j DEV Inox + B10 UIC + B10 UIC + B10 UIC + B10 UIC + B10 UIC



EXP 5059 PARIS - HYERES

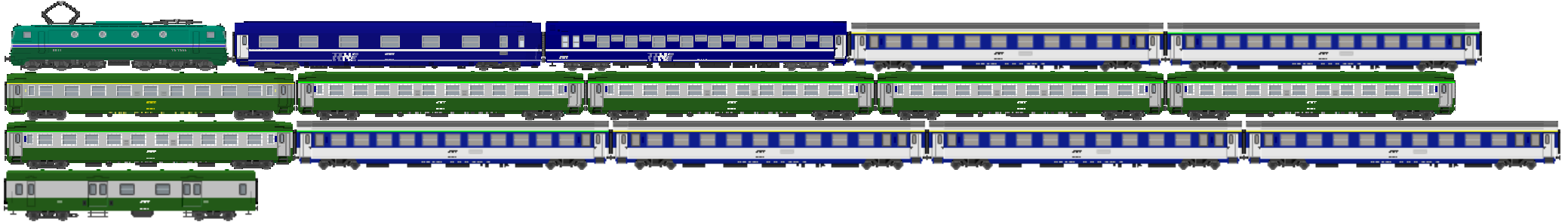
BB 7200 + A9c9ux VU + A4c4B5c5x UIC + B9c9x UIC + A8j DEV Inox + B10 UIC + B10 UIC + B10 UIC + B9c9x UIC + B9c9x UIC + A4c4B5c5x UIC + A9c9ux VU + A9c9ux VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

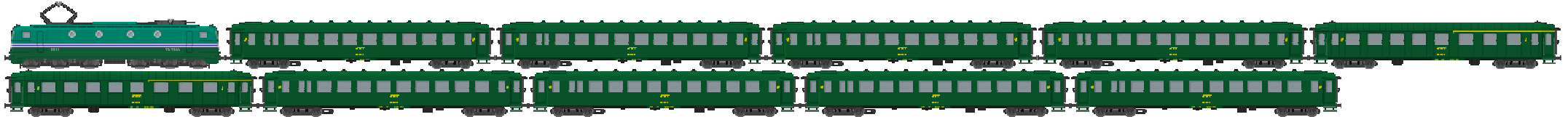
EXP 5061 PARIS - VINTIMILLE

CC 7100 + VL MU + VL T2 + A9c9ux VU + B10c10ux VU + A9 UIC + B10 UIC + B10 UIC + B10 UIC + B10 UIC + B10 UIC + B10c10ux VU + A9c9ux VU + A9c9ux VU + A9c9ux VU + Dd2



EXP 5080 LES ARCS - PARIS

CC 7100+B10 OCEM+B10 OCEM+B10 OCEM+B10 OCEM+B10 OCEM+A3B5 OCEM+A3B5 OCEM+B10 OCEM+B10 OCEM+B10 OCEM+B10 OCEM



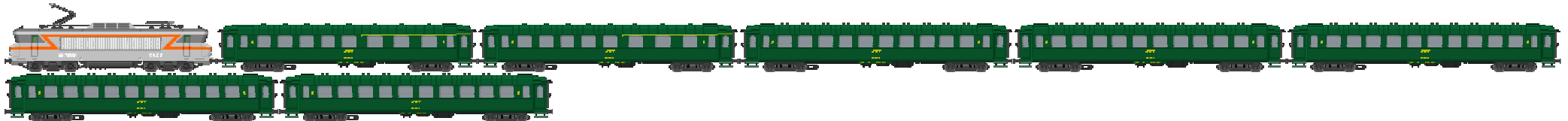
RAP 181 "LE MISTRAL" PARIS - MARSEILLE

BB 7200 + Dd2 + B11tu VTU + B11tu VTU + A9u VSE + A9u VSE + B5rtux VTU + A10tu VTU + B11u VU + B11tu VTU



EXP 15036 MARSEILLE - PARIS

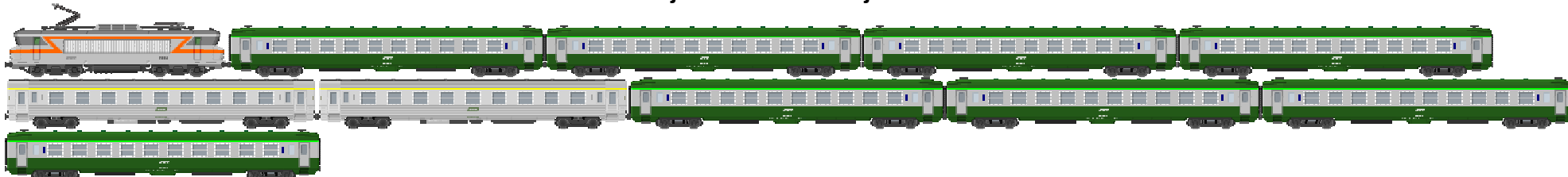
BB 7200 + A3B5 OCEM + A3B5 OCEM + B10 OCEM + B10 OCEM + B10 OCEM + B10 OCEM + B10 OCEM



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

EXP 15050 TOULON - PARIS

BB 7200 + B10 DEV + B10 DEV + B10 DEV + B10 DEV + A9tuj DEV Inox + A9tuj DEV Inox + B10 DEV + B10 DEV + B10 DEV + B10 DEV



RAP 5053 PARIS - AVIGNON

BB 7200 + B6Du VU + B11tu VTU + B11tu VTU + B11tu VTU + B11u VU + A9u VU + Vr GE + A10tu VTU + B11tu VTU + B11tu VTU + B6Du VU + A9u VU + B11tu VTU + B11tu VTU + B6Du VU



RAP 5055 PARIS - NICE

BB 7200 + Pez + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU + A9u VU + B6Du VU + Vr GE + A9u VU + B11tu VTU + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

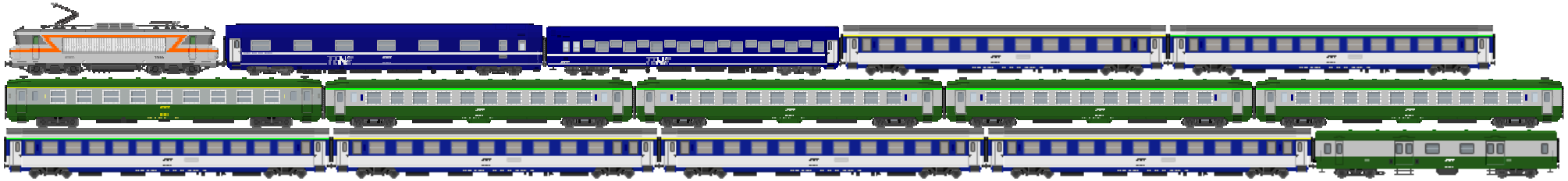
RAP 5059 PARIS - HYERES

BB 22200 + A9c9ux VU + A4c4B5c5x UIC + B9c9x UIC + A8j DEV inox + B10 DEV + B10 DEV + B10 DEV + B9c9x UIC + B9c9x UIC + A4c4B5c5x UIC + A9c9ux VU + A9c9ux VU



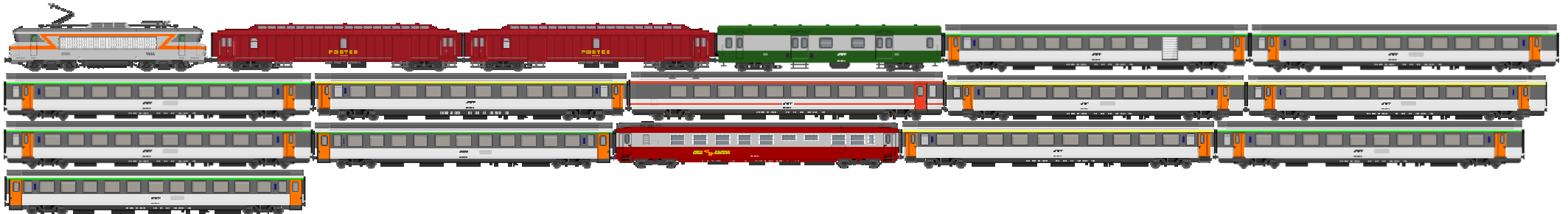
RAP 5061 PARIS - VINTIMILLE

BB 22200 + VL MU + VL T2 + A9c9ux VU + B10c10ux VU + A9 DEV + B10 DEV + B10 DEV + B10 DEV + B10 DEV + B10c10ux VU + A9c9ux VU + A9c9ux VU + A9c9ux VU + Dd2



EXP 5603 PARIS - ANNECY

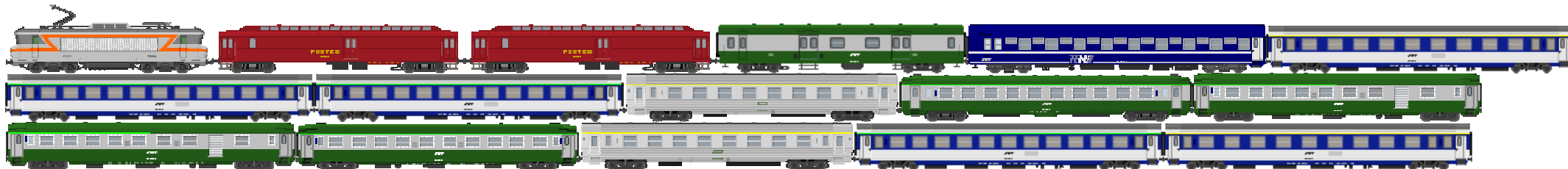
BB 22200 + Pez + Pez + Dd4s + B6Du VU + B11tu VTU + B11tu VTU + A10u VU + A5rtu VTU + A10tu VTU + A10tu VTU + B11tu VTU + B11u VU + Vr GE + A10u VU + B11tu VTU + B11u VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

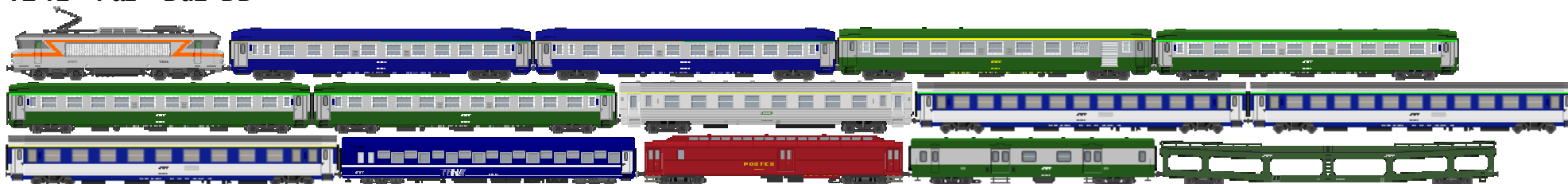
EXP 5611 PARIS - BOURG ST MAURICE

BB 22200 + Paz + Paz + Dd2 + VL T2+ A9c9ux VU + B10c10ux VU + B10c10ux VU + A8j DEV inox + B10 DEV B5D UIC + B5D UIC + B10 UIC + A8j DEV inox + B10c10ux VU + A9c9ux VU



EXP 5613 PARIS - ST GERVAIS

BB 22200 + A4c4B5c5x UIC + A4c4B5c5x UIC + A7D UIC + B10 UIC + B10 UIC + B10 UIC + A8j DEV inox + B10c10ux VU + B10c10ux VU + A9c9ux VU + VL T2 + Paz + Dd2+DD



EXP 5761 PARIS - BRIANÇON

BB 7200 + B10 DEV + B10 DEV + A8j DEV inox + Dd2s + B10c10ux VU + B10c10ux VU + A9c9ux VU + A9c9ux VU + VL T2



RAP 23 PARIS - MILAN

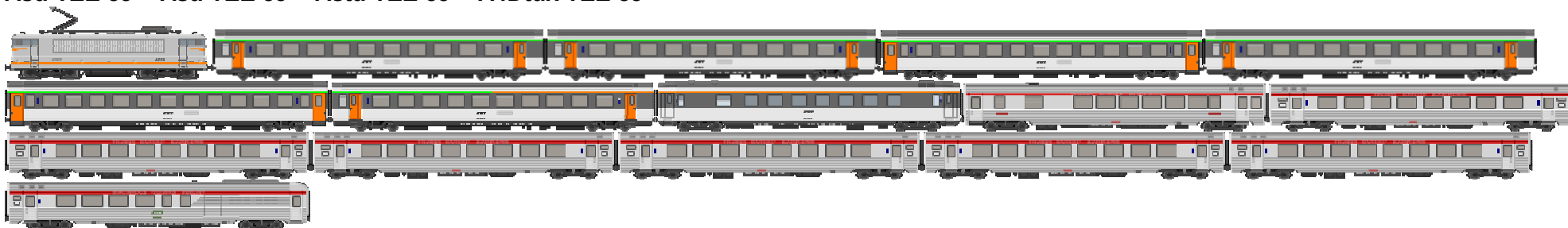
CC 6500 + A4Dtuxj TEE 69 + A8uj TEE 69 + A8uj TEE 69 + A8tuj TEE 69 + A3rtuj TEE 69 + Vru TEE 69 + A8tuj TEE 69 + A8uj TEE 69



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

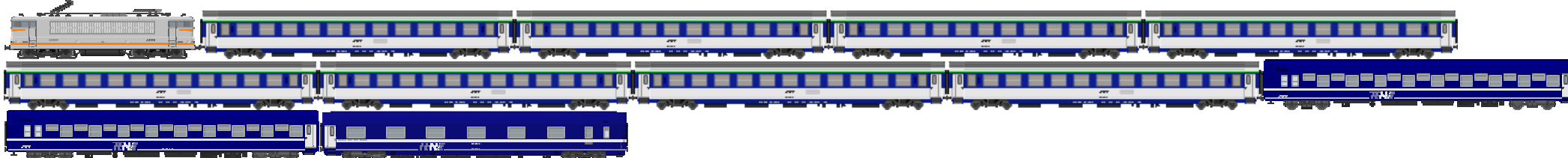
RAP 181 PARIS - NICE

BB 25100 + B11tu VTU + B11tu VTU + B11u VU + B11tu VTU + B11u VU + B5rtu VTU + Vru TEE 69 + A8tu TEE 69 + A8u TEE 69 + A8tuj TEE 69 + A8u TEE 69 + A8u TEE 69 + A8tu TEE 69 + A4Dtux TEE 69



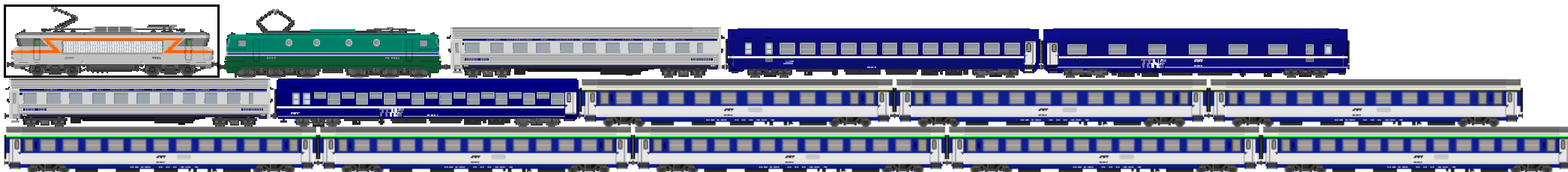
RAP 183 PARIS - VINTIMILLE

BB 25100 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL T2 + VL T2 + VL MU



RAP 189 PARIS - MARSEILLE

BB 7200 ou CC 7100 + VL P + VL U + VL MU + VL P + VL T2 + A9c9ux VU + A9c9ux VU + A9c9ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

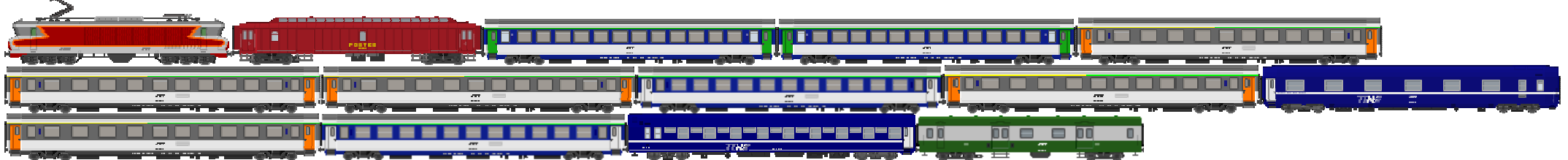
RAP 197 PARIS - NICE

BB 25100 + VL MU + VL T2 + VL T2 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



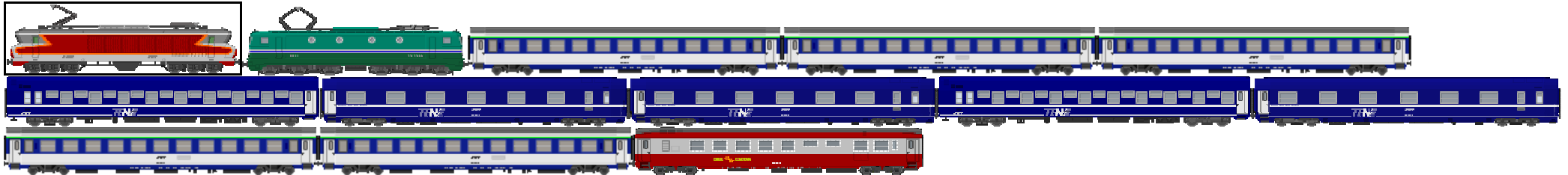
RAP 211 PARIS - NAPLES

CC 6500 + Pez + B12u VU + B12u VU + A4B6u VU + A4B6u VU + B10c10ux VU + A4c4B6c6ux VU + VL MU + A4B6u VU + B10c10ux VU + VL T2 + Dd2s



RAP 213 PARIS - ROME

CC 6500 ou CC 7100 + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL T2 + VL MU + VL MU + VL T2 + VL MU + B10c10ux VU+ B10c10ux VU + VR GE



RAP 219 PARIS - TURIN

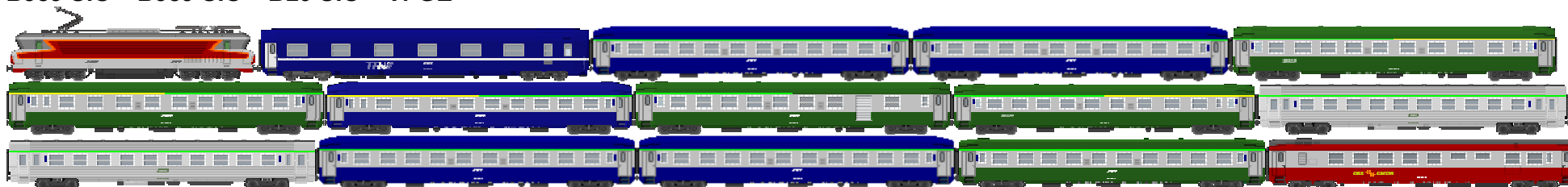
CC 6500 + B12u VU + A4B6u VU + Dd2s+B11u VU + B11tu VTU + B11tu VTU + A9u VU + Vr GE + A10tu VTU + B11tu VTU + B11tu VTU + B11tu VTU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

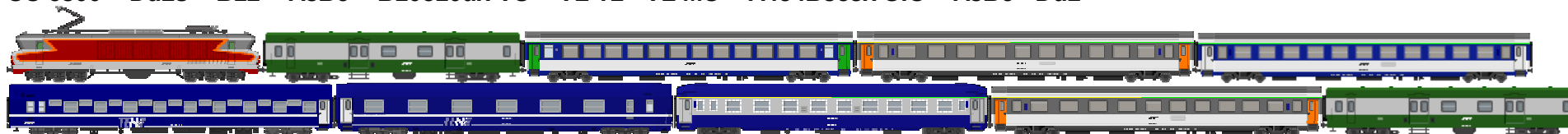
RAP 221 PARIS - ZAGREB

CC 21000 + VL MU + B9c9x UIC + B9c9x UIC + A4B5 UIC + A4B5 UIC + A4c4B5c5x UIC + B5D UIC + A4B5 UIC + B10j DEV inox + B10j DEV inox + B9c9 UIC + B9c9 UIC + B10 UIC + Vr GE



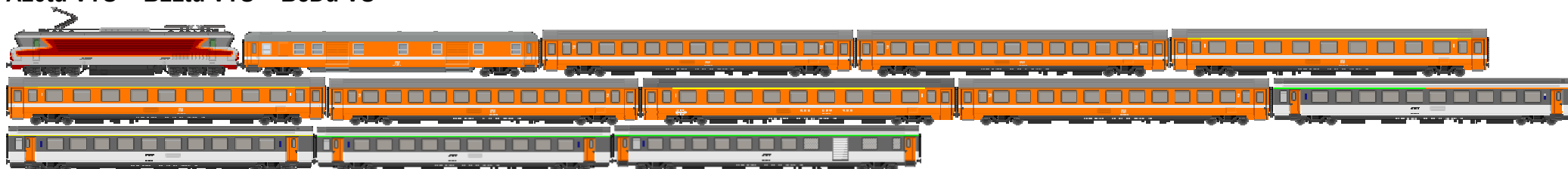
RAP 223 PARIS - VENISE

CC 6500 + Dd2s + B12 + A5B6 + B10c10ux VU + VL T2+ VL MU + A4c4B5c5x UIC + A5B6 + Dd2



RAP 227 PARIS - MILAN

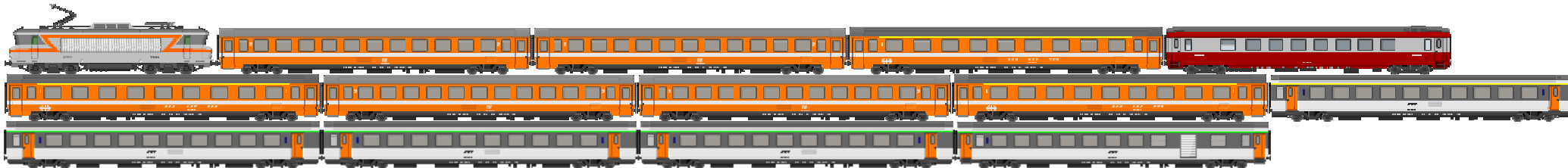
CC 21000 + FS UIC XC1 + B11 VSE FS + B11 VSE FS + A9 VSE FS + A9 VSE FS + B11 VSE FS + Am C1 CFF + Bpm C1 UIC-Z1 CFF + B5rtu VTU + A10tu VTU + B11tu VTU + B6Du VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

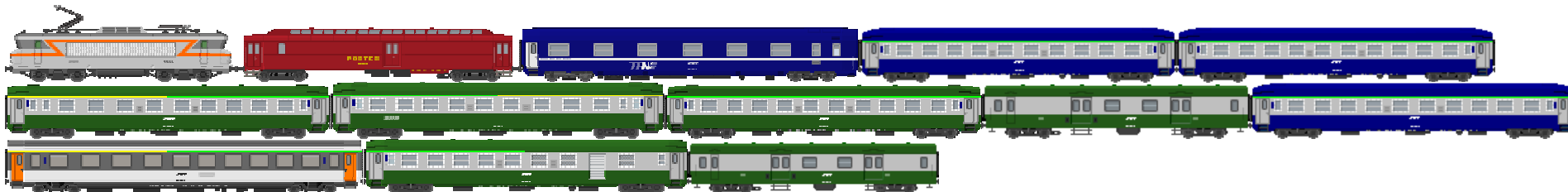
RAP 229 PARIS - GENEVE - BERNE

BB 22200 + Bpm C1 UIC-Z1 CFF + Bpm C1 UIC-Z1 CFF + Am C1 CFF + Vr DEV + Am C1 CFF + Bpm C1 UIC-Z1 CFF + Bpm C1 UIC-Z1 CFF + Am C1 CFF + A10tu VTU + B11tu VTU + B11tu VTU + B11tu VTU + B6Du VU



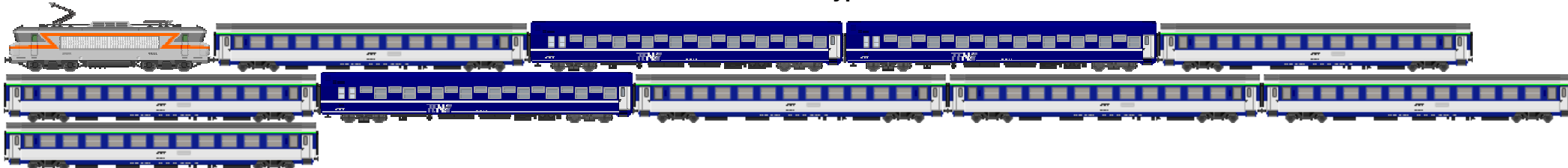
RAP 425 PARIS - VENISE

BB 22200 + Paz + VL MU + B9c9x UIC + B9c9x UIC + A4B5 UIC + A4B5 UIC + B10 UIC + Dd4s + B9c9x UIC + A4B6u VU + A4c4B5c5ux VU + A4B6u VU + B5D UIC + Dd4s



RAP 2507 AMSTERDAM - VINTIMILLE

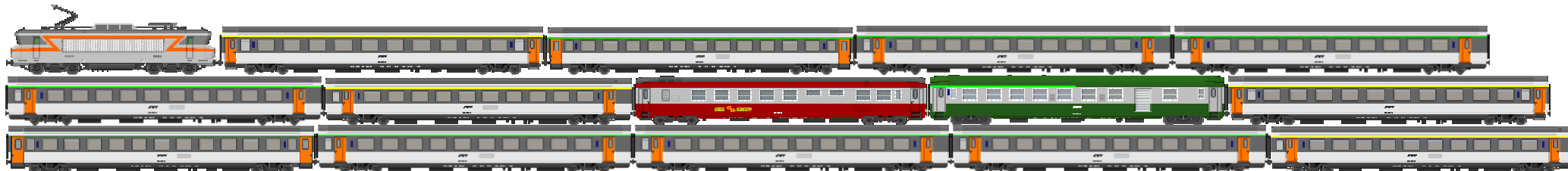
BB 22200 + B10c10ux VU + VL T2 + VL T2 + B10c10ux VU + B10c10ux VU + VL type T2 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 6011 PARIS - BEZIERS

BB 7200 + A10u VU + B11u VU + B11tu VTU + B11tu VTU + B11tu VTU + A10tu VTU + Vr GE + B5D UIC + A10u VU + B11u VU + B11tu VTU + B11tu VTU + B11tu VTU + A10tu VTU



RAP 5025 PARIS - NICE

BB 7200 + Pez + B11tu VTU + B11tu VTU + A9u VU + A9u VU + B11tu VTU + 11tu VTU + B11tu VTU + A10tu VTU + A9u VU + Vr DEV + A9u VU + B11u VU + B11tu VTU + B6Du VU



RAP 5037 PARIS - MARSEILLE

BB 7200 + Dd2s + B10 DEV + B10 DEV + A4B5 DEV + A4B5 DEV + A4c4B5c5x UIC + Dd2 + Pez + Pez + Pez + Paz + Pez + Paz + Paz + Pez + Paz + Pez + Pez + Dd4s + Dd2s



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 5041 PARIS - MARSEILLE

BB 7200 + Pez + Paz + Paz + Pez + Dd2s + B9c9x UIC + A9c9ux VU + A8j DEV inox + B10 UIC + B10 UIC + B10 UIC + B10 UIC



HIVER 1982/83

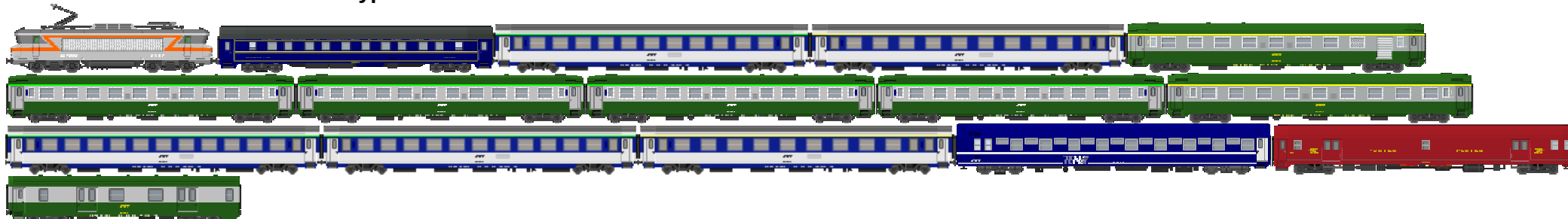
VV 505 LYON - PARIS

D2 9100 + B5D UIC + DD + VL AB MU + B11tu VTU + DD + A4c4B5c5 UIC + A9u VSE mandarine + B10 DEV



EXP 5613 PARIS - ST GERVAIS

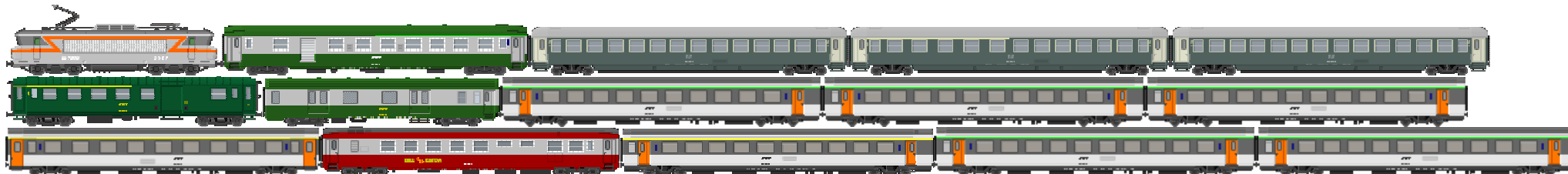
BB 7200 + VLAB U + B10c10ux VU + A9c9ux VU + A7D UIC + B10 UIC + B10 UIC + B10 UIC + B10 UIC + A9 UIC + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + PA UIC Type X + Dd2s MC 76



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

EXP 219 PARIS - TURIN

BB 7200 + B5D UIC + Bz FS UIC X + ABz FS UIC X + Bz FS UIC X + A4D PLM + Dd2 MC 76 + B11tu VTU + B11tu VTU + B11tu VTU + A9u VSE + VR GE + A10tu VTU + B11tu VTU + B11tu VTU



RAP 5603 PARIS - CHAMBERY

BB 7200 + A10tu VTU + B11u VU + B11tu VTU + B11tu VTU + A10tu VTU + B11u VU + B11tu VTU + B11tu VTU



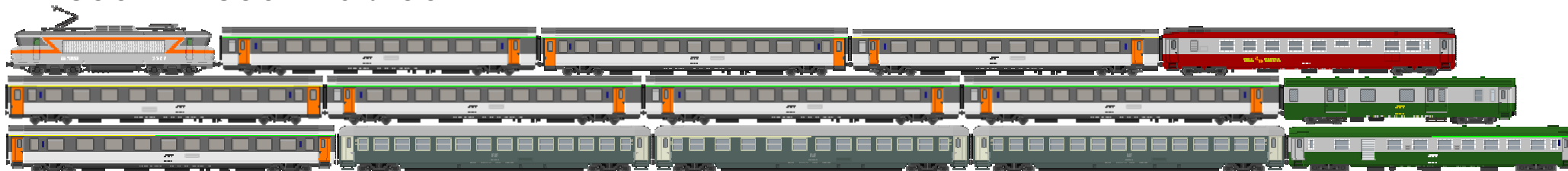
EXP 5079 PARIS - LYON

BB 7200 + Dd4s + A4c4B5c5x UIC + B9c9x UIC + A8j DEV inox + A4B5 UIC + B10 DEV + B10 DEV + B10 DEV + B10 DEV + Dd4s



EXP 218 TURIN - PARIS

BB 7200 + B11tu VTU + B11u VU + A10tu VTU + VR GE + A9u VSE + B11tu VTU + B11tu VTU + B11tu VTU + Dd2s MC76 + A4B6u VU + Bz FS UIC X + ABz FS UIC X + Bz FS UIC X + B5Dd2 UIC



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 5601 PARIS - ST GERVAIS

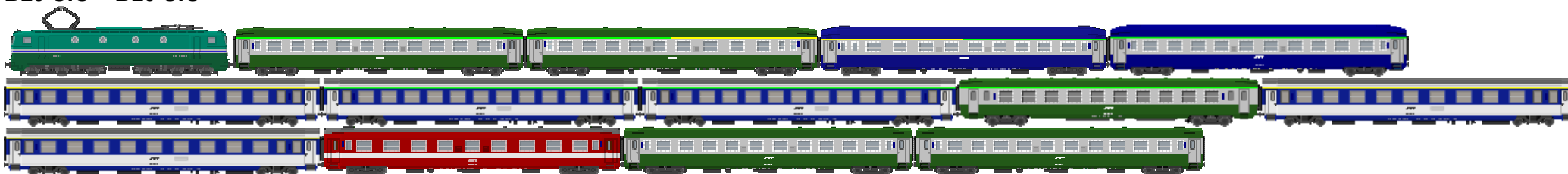
BB 7200 + B6Dd2 VU + B11tu VTU + B11tu VTU + A9u VSE + VR GE + A9u VSE + B11tu VTU + B11tu VTU + B7tux UIC + B6Dd2 VU



HIVER 1983/84

EXP 5618 BOURG ST MAURICE - PARIS

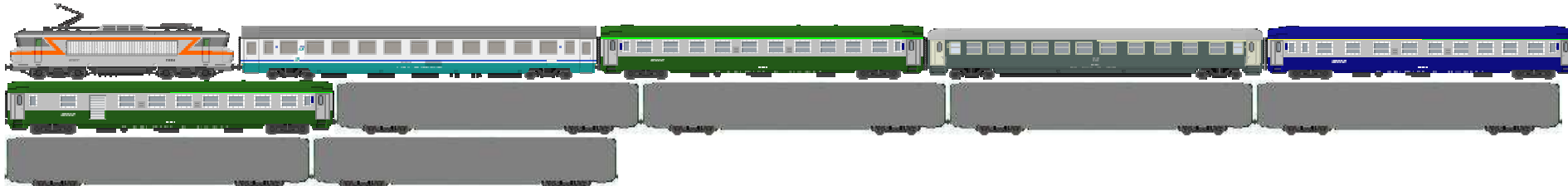
CC 7100 + B10 UIC + A4B5 UIC + A4c4B5c5x UIC + B9c9x UIC+A9c9ux VU + B10c10ux VU + B10c10ux VU + B10 DEV + A9c9ux VU + A9c9ux VU + A9 UIC + B10 UIC + B10 UIC



ETE 1986

RAP 221 "SIMPLON EXPRESS" PARIS - BELGRADE / ZAGREB

BB 7200 +B FS + B10 UIC SNCF +AB FS + A4c4B5c5x UIC SNCF + B5Dd2 UIC SNCF + ABm JZ + Blm JZ + Bcllm JZ + Bcllm JZ + WlIlm JZ + BlIm (JZ)

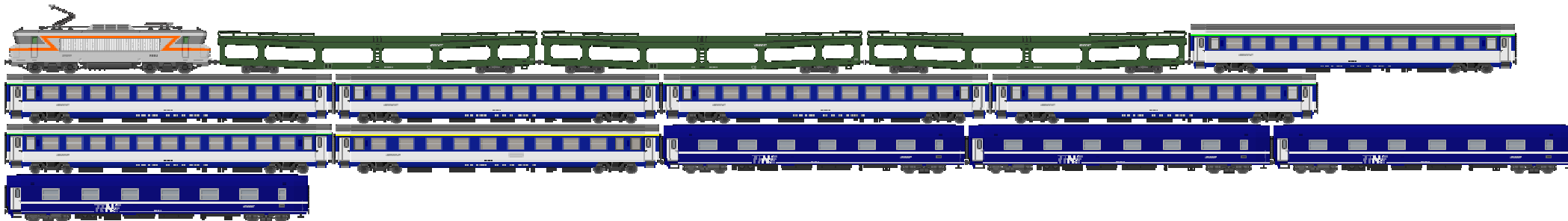


Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

HIVER 1986/87

EXP 5618 BOURG ST MAURICE - PARIS

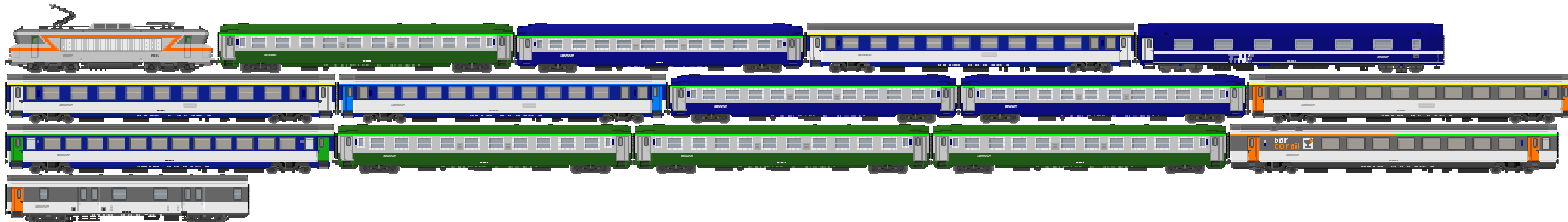
BB 7200 + DD + DD + DD + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + VLAB T2 + VLAB T2 + VLAB T2



ETE 1987

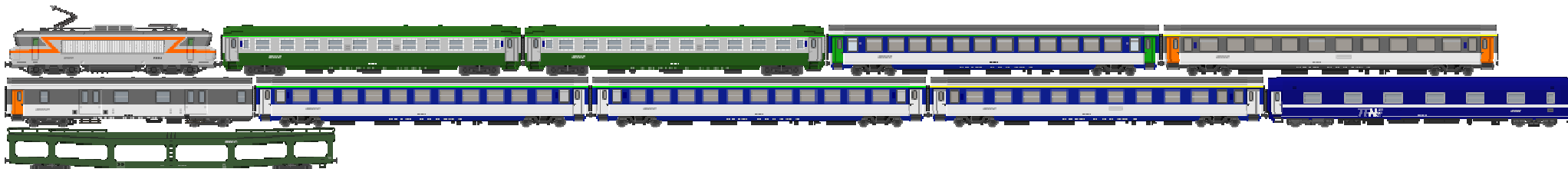
EXP 5061 "PARIS COTE D'AZUR" PARIS - VINTIMILLE

BB 7200 + B10 UIC + B9c9x UIC + A9c9ux VU + VLAB T2 + A9c9ux VU + A3c3B7c7u VU + B9c9x UIC + B9c9x UIC + A10u VU + B12u VU + B10 UIC + B10 UIC + B10 UIC + B5rutx VTU + Dd2 MC76



EXP 5793 PARIS - BRIANÇON

BB 7200 + B10 UIC + B10 UIC + B12u VU + A10u VU + Dd2s MC76 + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + DD

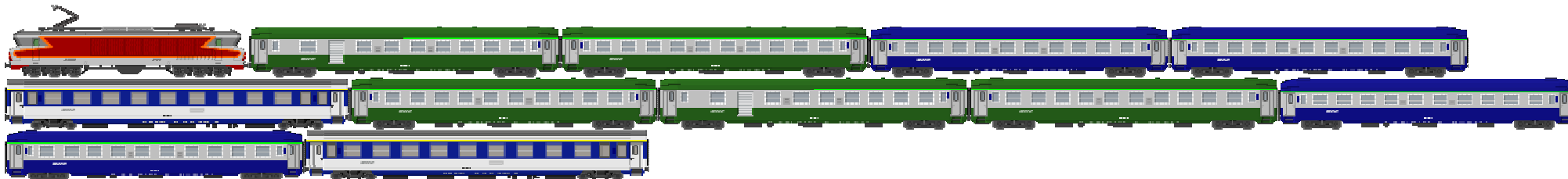


Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

HIVER 1987/88

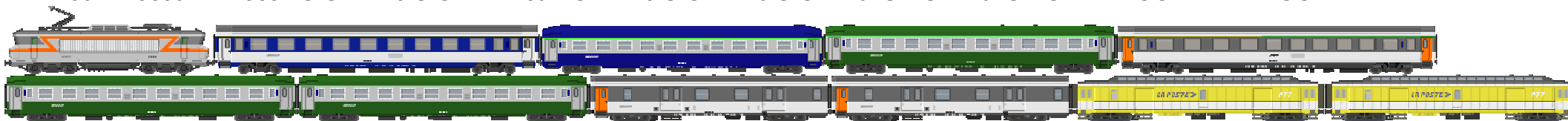
EXP 5617 PARIS - MODANE

CC 6500 + B5D UIC + B10 UIC + B9c9x UIC + B9c9x UIC + A9c9ux VU + B10 UIC + B5D UIC + B10 UIC + B9c9x UIC + B9c9x UIC + A9c9ux VU



EXP 5040 MARSEILLE - PARIS

BB 7200 + A9c9ux + B9c9x UIC + B10 UIC + A4B6u VU + B10 UIC + B10 UIC + Dd2s MC + Dd2s MC + PEz OCEM + PEz OCEM



ETE 1988

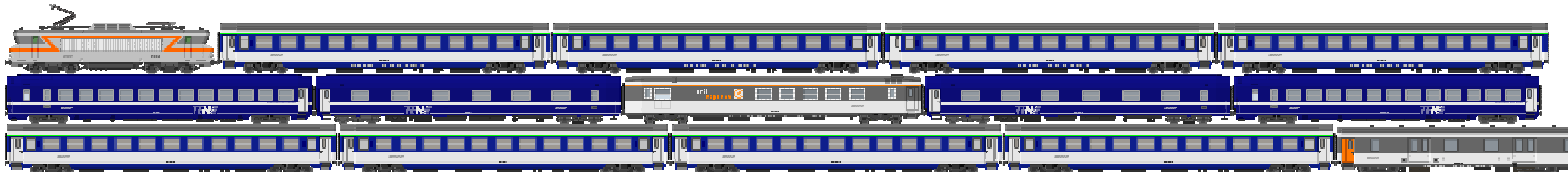
RAP 221 "SIMPLON EXPRESS" PARIS - BELGRADE

BB 7200 + B10 UIC + A4c4B5c5x UIC + B6Dd2 VU + AB JZ + B10 UIC + B9c9x UIC + Bc JZ + VLAB JZ



RAP 223 EC "GALILEI" PARIS - FLORENCE

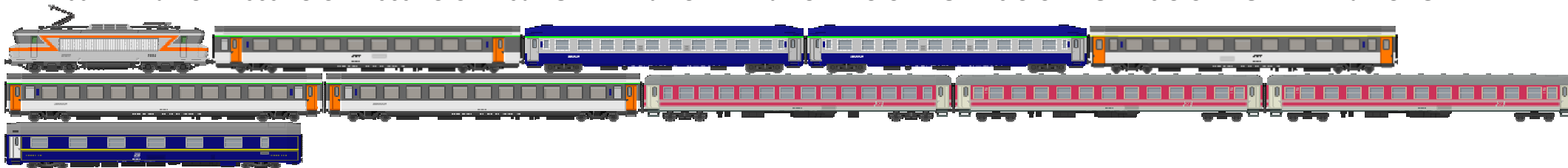
BB 7200 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL MU + VL T2 + Vr GE + VL T2 + VL MU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + Dd2s MC76



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

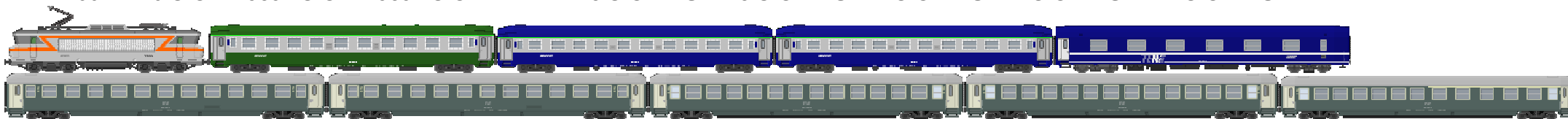
RAP 211 "NAPOLI EXPRESS" PARIS - NAPLES

BB 7200 + B11u VU + B9c9x UIC + B9c9x UIC + A9u VSE + B11u VU + B 11u VU + B UIC-X FS + Bc UIC-X FS + Bc UIC-X FS + WLABu MU FS



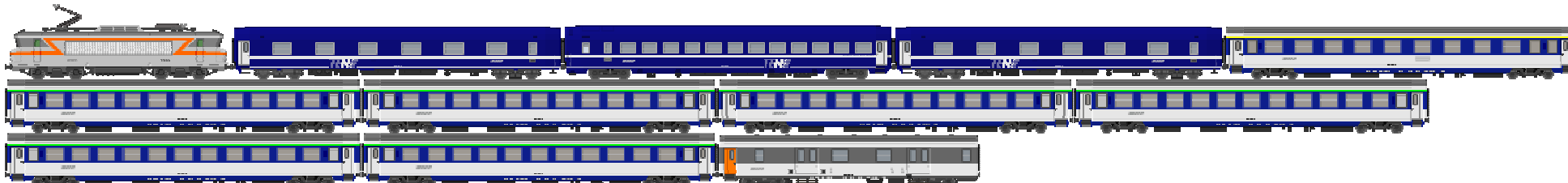
RAP 1127 "PARTHENON" PARIS - BRINDISI

BB 22200 + B10 UIC + B9c9x UIC + B9c9x UIC + VL T2 + Bc UIC-X FS + Bc UIC-X FS + B UIC-X FS + B UIC-X FS + AB UIC-X FS



RAP 196 "L'ESTEREL" NICE - PARIS

BB 22200 + VL T2 + VL MU + VL T2 + A9c9u VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + Dd2 MC76



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

HIVER 1988/89

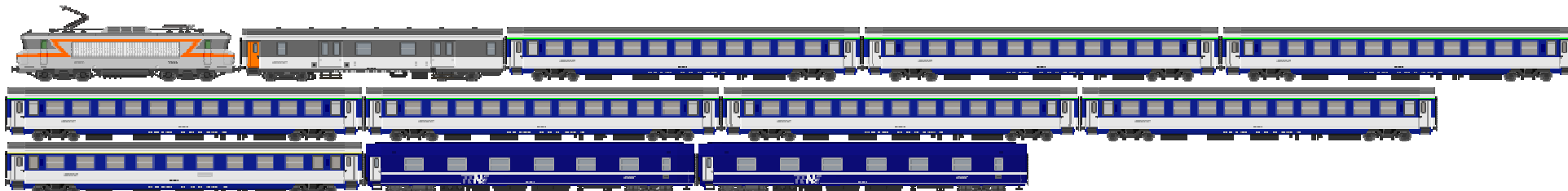
RAP 189 "LE PHOCEEN" PARIS - BEZIERS / MARSEILLE

BB 7200 + LAB T2 + A9c9ux VU + A9c9ux VU + AcBc VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + B10c10ux VU + B10c10ux VU



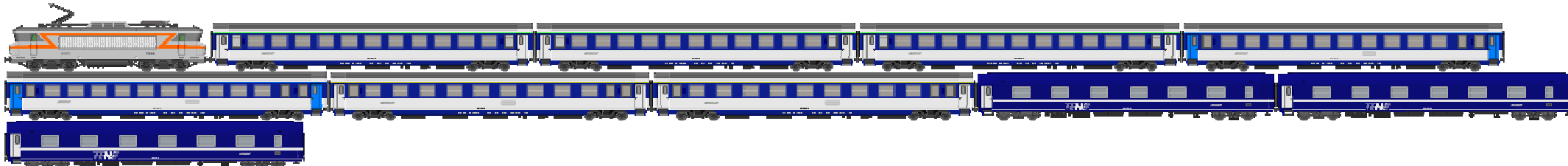
RAP 197 "L'ESTEREL" PARIS - NICE

BB 22200 + Dd2 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + VLAB T2



RAP 183 "LE TRAIN BLEU" PARIS - VINTIMILLE

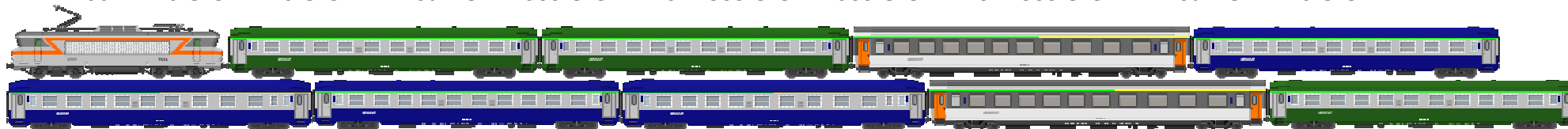
BB22200 + B10c10ux VU + B10c10ux VU + B10c10ux VU + AcBc VU + AcBc VU + A9c9ux VU + A9c9ux VU + VLAB T2 + VLAB T2 + VLAB T2



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 5059 PARIS - TOULON

BB 22200 + B10 UIC + B10 UIC + A4B6u VU + B9c9 UIC + A4c4B5c5 UIC + B9c9 UIC + A4c4B5c5 UIC + A4B6u VU + B10 UIC



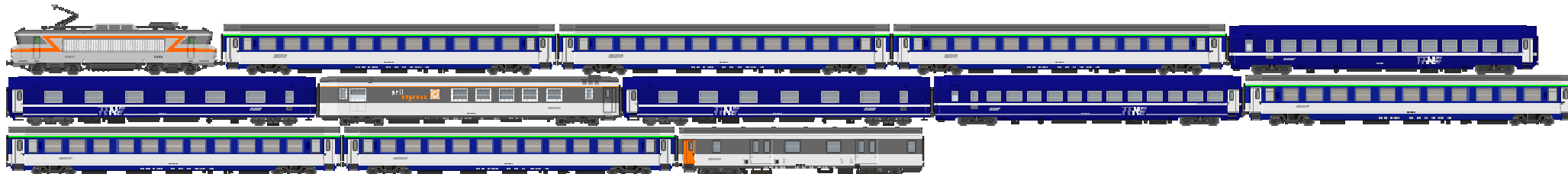
RAP 5044 NICE - PARIS

BB 7200 + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU + B11tu VTU + B11tu VTU + B11tu VTU



RAP 223 PARIS - FLORENCE

BB 7200 + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL MU + VL T2 + VR GE + VL T2 + VL MU + B10c10ux VU + B10c10ux VU + B10c10ux VU + Dd2 MC76



EC 217 "STENDHAL" PARIS - MILAN

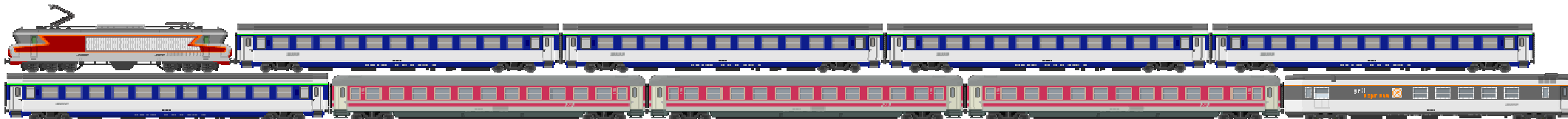
CC 6500 + Dd2s + B10c10 UIC-X FS + B10c10 UIC-X FS + B10c10 UIC-X FS + VL MU+VL T2



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

EC 213 "PALATINO" PARIS - ROME

CC 6500 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10 UIC-X FS + B10c10 UIC-X FS + B10c10 UIC-X FS + Vr GE corail



RAP 221 "SIMPLON EXPRESS" PARIS - BELGRADE

CC 21000 + A4c4B5c5x UIC + B10 UIC + B9c9 JZ + B10 JZ + A4B5 JZ + B5D UIC + AWLAB UIC-Y GOSA JZ + B9c9 JZ



EC 223 "GALILEE" PARIS - FLORENCE

CC 21000 + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + VL MU FS + VL T2s FS + Vr GE corail + VL T2 + VL MU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + Dd2s



RAP 211 "NAPOLI EXPRESS" PARIS - NAPLES

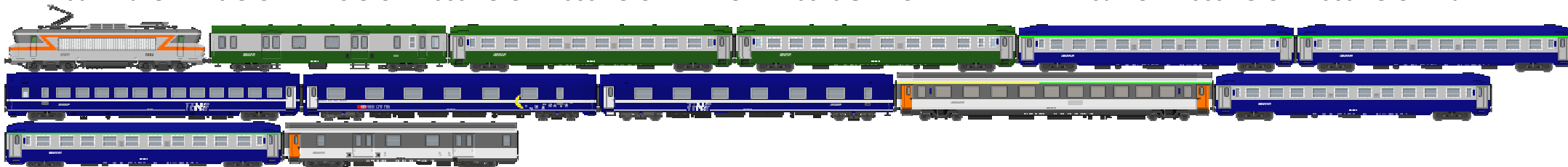
CC 6500 + B11u VU + B11u VU + B11u VU + A9u VSE + B10c10 UIC-X FS + B10c10 UIC-X FS + VL MU FS + Dd2s



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 225 PARIS - VENISE

BB 7200 + Dd4s + B10 UIC + A4B5 UIC + B9c9x UIC + B9c9x UIC + VL MU + B10c10 SBB CFF + VL T2 + A4B6u VU + B9c9x UIC + B9c9x UIC + Dd2



ETE 1989

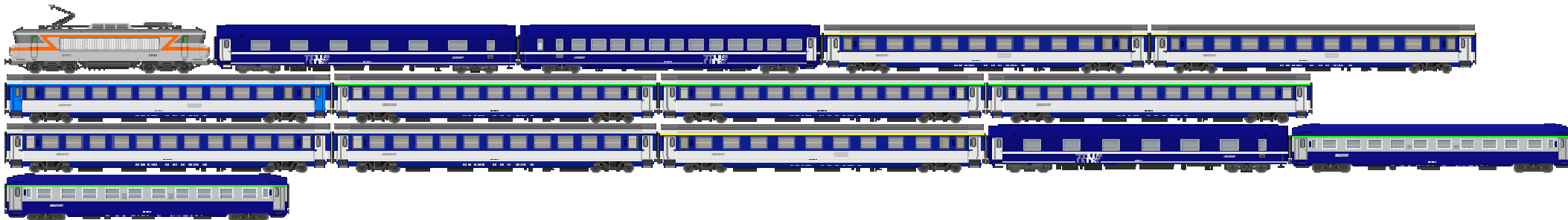
RAP 5090 LYON - PARIS

BB 7200 + B6Du VU + A10tu VTU + B11tu VTU + B11tu VTU



RAP 189 "LE PHOCEEN" PARIS - BEZIERS / MARSEILLE

BB 7200 + VLAB T2 + VL MU + A9c9ux VU + A9c9ux VU + AcBc VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + A9c9ux VU + VLAB T2 + B9c9 UIC + B9c9 UIC



RAP 5044 DIJON - PARIS

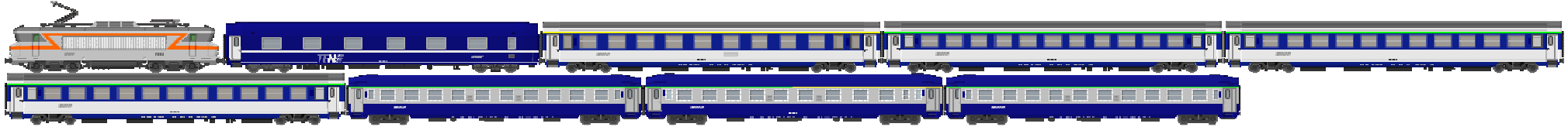
CC 6500 + B11tu VTU + B11tu VTU + B11u VU + A10tu VTU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

RAP 5522 BEZIERS - PARIS

BB 7200 + VLAB T2 + A9c9ux VU + B10c10ux VU + B10c10ux VU + B10c10ux VU + B9c9x UIC + A4c4B5c5x UIC + B9c9x UIC



RAP 5041 PARIS - BEZIERS / MARSEILLE

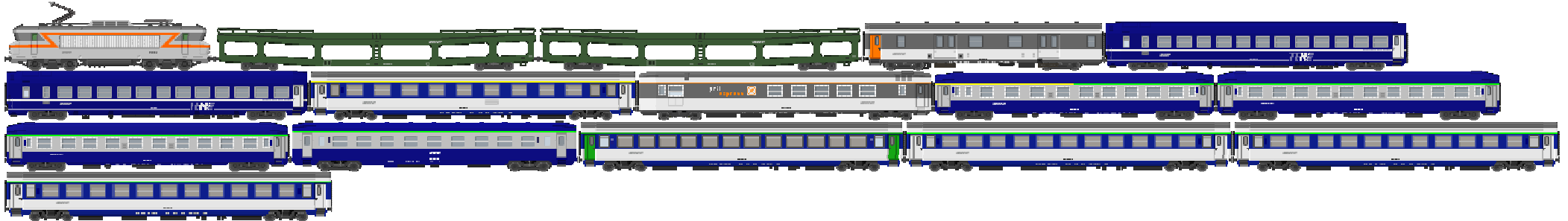
BB 7200 + Dd2 + B10 UIC + B10 UIC + B10 UIC + B10 UIC + A10u VU + Dd2 + AcBcux VU + A9c9ux VU + B10 UIC + B10 DEV AO + B10 UIC + B10 UIC



ETE 1990

EXP 5799 "LE VAL DE DURANCE" PARIS - BRIANÇON

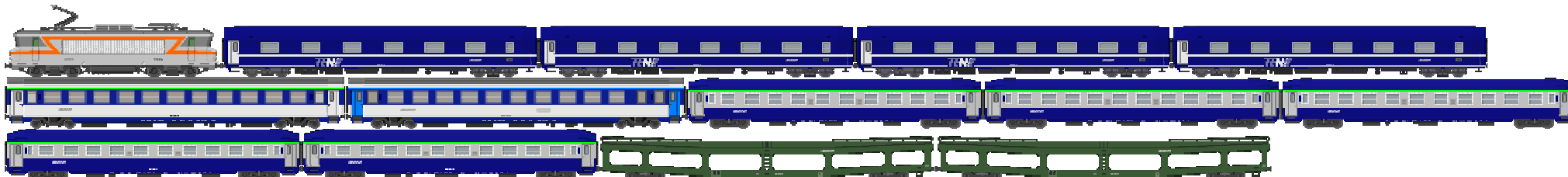
BB 7200 + DD +....+ DD + MC76 + VL MU + VL MU + A9c9ux VU + Vr GE + A4c4B5c5x UIC + B9c9x UIC + B10c10x UIC + B9 DEV + VU Cab8 + B11c VU + B11c VU + B11c VU



Composition des trains grandes lignes – Bourgogne - 1500V - époque IVb 1980-1990

EXP 6707 NICE - CALAIS

BB 22200 + VL T2 + VL T2 + VL T2 + VL T2 + B10c10ux VU + AcBcux VU + B9c9x UIC + B9c9x UIC + B10c10ux VU + B9c9x UIC + B9c9x UIC + B9c9x UIC + DD +...+ DD



HIVER 1990/91

TAC 9623 PARIS - ST GERVAIS

CC 7100 + DD +...+ DD + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + B9c9x UIC + VL T2 + VL MU + VL MU

