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ISMN: 979-0-9016513-1-9

Symphony nr 5

Veneris Transitus Symphoniae

opus 87
for brass instruments, cosmic sounds,
moving images and text

Full score in C
Parts 1, 8, 15, 22, 29, 36 and 43 require a player with leadership qualities. All remaining parts are equally important. Each part contains cues. Euphonium parts are in treble or bass clef according to the tessitura. For rehearsal purposes only, the set of parts also contains conductor scores of each instrumental group, a condensed score and the structure.

Commission
The Faculty of Science of the National University of Singapore commissioned this symphony for Venus Transit 2012 @ NUS.

Duration
The duration varies from a minimum of 34' to a maximum of 49' (depending on the length of the interpolations).

Instrumentation
A large orchestra of only brass instruments: 49 horns, 42 tenor trombones, 35 trumpets, 28 euphoniums, 21 tubas, 14 bass trombones and 7 natural valveless brass. No mutes are required.

Position and dynamics
This symphony is specifically conceived to be performed outdoors and in an echoic acoustic environment. The seven groups of brass instruments should be positioned as far as possible from each other. This composition contains few dynamic indications, because most of the crescendi and diminuendi are obtained by increasing or decreasing the number of instruments playing at a particular time.

Interpolation:
This symphony includes seven interpolations (pages 5, 19, 32, 44, 62 and 67). Videos and cosmic sounds are incorporated during these interpolations. Their duration and content is left to the discretion of the performers.

Text
This original version includes a text written by Huzir Sulaiman. If a performance incorporates the text by Huzir Sulaiman, his name must be duly credited for that performance. Enquiries regarding performance rights for the text should be addressed to agent@checkpoint-theatre.org.

The composer wishes to leave creative spaces for performers to create and incorporate their own videos, texts and cosmic radio-wave signals.

Literary quotes
The literary quotes accompanying the beginning of each of the seven parts come from Johann Wolfgang von Goethe's Faust and Fernando Pessoa's Faust.

The representation of seven stages of the Venus Transit shows the actual 2012 Venus Transit.

First performance
The world premiere took place on 5 June 2012 at NUS, Town Green @ University Town in the context of the Venus Transit visible the following morning. The composer conducted an orchestra of brass instruments from 19 bands, wind or symphonic orchestras. Richard Strom and Tan Peng Kian created the visuals that were projected on a large screen. If the shape of the lawn would be reduced to a circle and the conductor and large screen positioned at 7 o'clock, the instrumental groups were positioned as following: horns at 1, alphorn at 2, trombones at 3, euphoniums at 5, tubas at 9 and trumpets at 11 o'clock. Despite the great distance, players were able to see the conductor's beat projected on the screen. Playwright Huzir Sulaiman wrote the text that was narrated by actress Claire Wong. A click track in one ear enabled the conductor to maintain exact tempi despite the delay of the sound, and the delay between the sound and the image on the screen. Some cosmic micro-wave signals were captured in real time thanks to a group of physicists from the NUS Physics Department and members of the Hwa Chong astronomy club. Other cosmic signals from the Cassini Satellite were pre-recorded and played back. The video recording of the lunar eclipse of 4 June 2012 was not projected because clouds had obscured its visibility.

Programme notes by Robert Casteels
Science is of great interest to me, because of the fact that the same brain in which beauty and feelings originate still obeys the laws of physics and chemistry. Science connects everybody at the conscious factual level, because until disproven, a fact is a fact. I believe art's raison d' être is that genuine art connects everybody at the subconscious level. The submerged part of our personalities is not less important than the visible part of the iceberg. Like any fellow human being, I am both utterly meaningless on a cosmic scale, and particularly meaningful in my unicity. I wonder about the non-human world. I wonder about the beautiful designs found in nature. Without anthropomorphizing, I try to understand infinity. By the time light traveling great distances has reached me, the star that sent that light may have ceased to exist. In other words, I am looking into the past. Being a musician per definition obsessed with sound, I wonder if I can also listen into the past. Can my eardrum ride on the electromagnetic field that spans the universe? Far inside and far outside, the human mind and the universe seem to be an infinite number of infinities. An infinite succession… of… infinities? I try to understand eternity, a reality where time is absent. Super-nano and super-macro join in a reality made up of a number of non-realities. Hence, the inclusion of the accompanying personal text written by playwright Huzir Sulaiman. The introspection in the human mind magnifies the extraspection into the universe. Perhaps I could get to know myself beyond the personal. As a musical tone is the momentary interruption of silence, my life is only the interval between two silences, a time span during which I recycle information and memory, coming from dust and returning to dust. The weight of a musical tone is related to the weight of its surrounding silence. Different tempi are superimposed like clocks of differing gravitational fields that measure their own local flow of time. The staccato note is the ultimate reduction of the infinite legato. This led me to imagine an outdoor music piece in which spatialised instruments surround the audience.

A word about the musical discourse of Venus Transit. The universe continuously recycles matter and energy. A single pitch develops according to a continuous process that recycles rhythms and intervals. This may give the impression of randomness and chaos. Crescendi are created by the sheer addition of instruments. Velocity increase is created by superimposing rhythmic cells. Clusters of sounds implode and fade away like glowing embers, or explode like supernovas. Being a typical *homo sapiens* fearing annihilation and therefore predisposed to look for patterns and ontological answers, I send out anthropomorphic calls,

sort of ascending *De Profundis* in the form of homophonic and homo-rhythmic melodies. The choice of instruments is restricted to brass which can play outdoors (for which they were after all designed). The alphorn produce natural non-tempered harmonics.

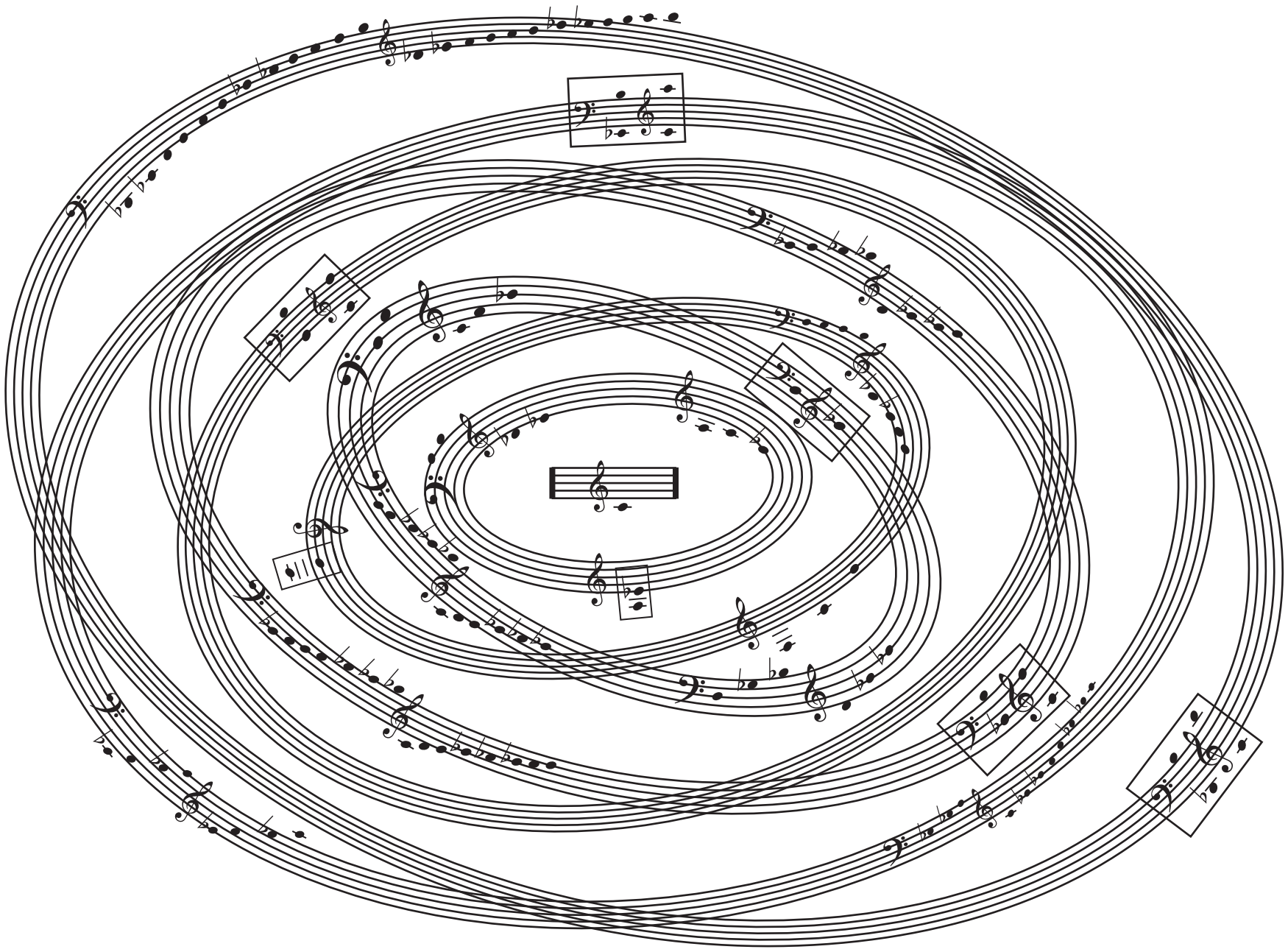
Stars are classified according to a colour range from blue to red, using the following letters: O (blue), B, A, F, G (yellow), K and M (red). At rehearsal figure 3, the colour (or temperature) of 42 stars determines the selection of an instrument according to the following conversion: O to B1 for trumpets, B2 to B9 for trombones, A for euphoniums, F and G for horns, K and M for tubas. Furthermore, the magnitude (or brightness) of these 42 stars determined the dynamics of the instruments: m < 0 (the brightest) → fff dynamic, m = 0-0.) → ff, m = 0.6-1.5 → f, m = 1.5-2 → mf, m = 2-2.6 → mp, m = 2.6-2.9 → p and m = 2.9-3.0→ pp.

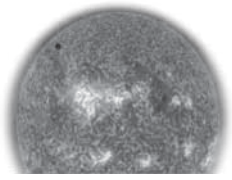
At rehearsal figure 27, whole groups of instruments have their own tempo and play by following the orbital movements of Jupiter's Galilean moons. Each instrumental group is assigned to Jupiter and each of its four largest (Galilean) moons. Io, the innermost and fastest moving moon, is associated with the high-pitched trumpets (playing at a tempo of crotchet = 133). At the other end, the deep tubas follow the slow-moving outermost moon Callisto (tempo: crotchet = 77). Between these extremes come the tenor trombones (tempo 91) "orbiting" like Ganymede, while faster Europa sets the pace for the euphoniums (tempo 119). In the centre of it all comes Jupiter itself, imaged in sound by horns and bass trombones at tempo 105.

Acknowledgements

Working with scientists is humbling. With heartfelt gratitude to radio astronomer Richard Strom, quantum physicist Phil Chan, researcher Tan Peng Kian, the performers of the premiere, sound engineer Gao Yang, music proof reader Chua Jon Lin, text proof reader Jolie Giouw and graphic designer Neol Leung Yick Chuen.

I humbly hope that this composition reflects the abstract beauty of the universe. I hope musicians will find the composition worthwhile to perform during the next transit of Venus, on 10-12-2117.





"Tous les mystères de l' Univers
Ne font qu' un seul mystère"

PART 1 INTRODUCTION: ♩ = 77

1 1 2 3 4 5 6 7 8 9 10 11 12 13 14

Hrn. 1 to 7
Hrn. 8 to 14
Hrn. 15 to 21
Hrn 22 to 28
Hrn. 29 to 35
Hrn 36 to 42
Hrn 43 to 49
Trpt. 1 to 7
Trpt. 9 to 14
Trpt. 15 to 21
Trpt. 22 to 28
Trpt. 29 to 35
Ten. Tbn. 1 to 7
Ten. Tbn. 8 to 14
Ten. Tbn. 15 to 21
Ten. Tbn. 22 to 28
Ten. Tbn. 29 to 42
Euph. 1 to 7
Euph. 8 to 14
Euph. 15 to 21
Euph. 22 to 28
Bs. Tbn. 1 to 4/ 5 to 8
Bs. Tbn. 9 to 12/ 13 and 14
Tba. 1 to 7
Tba. 8 to 14
Tba. 15 to 21

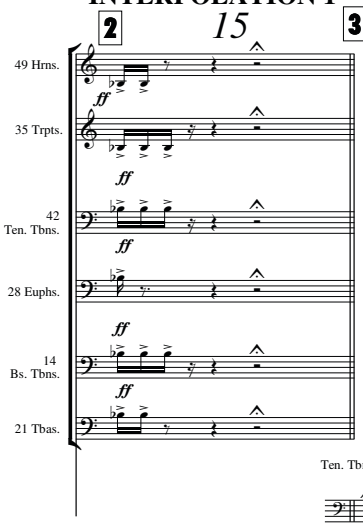
f *ff dim.* *dim.*

1 to 4
5 to 8
9 to 12
13 to 16
17 to 20
21 to 24
25 to 28
1 to 21

To

PART 1, INTERPOLATION 1

PART 1, STAR RISE



16

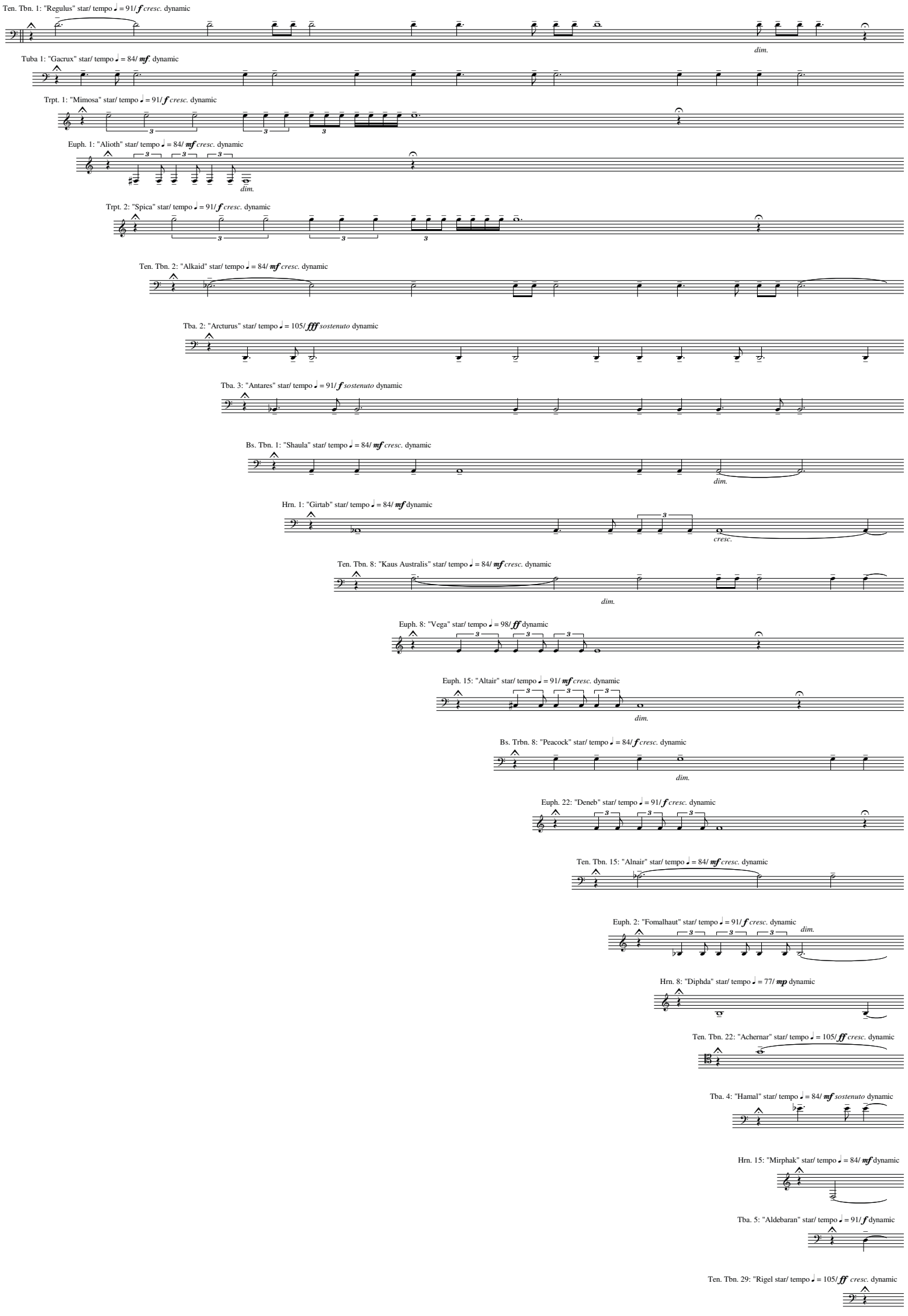
[This section is not conducted.

Stars with their names attached are appearing on the screen.

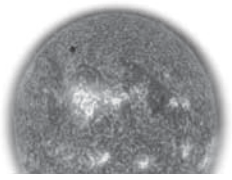
Each player looks for his/her star.

When that star crosses the meridian line on the screen, the player starts playing bar 16, and uses a silent metronome to keep the indicated tempo.

The player stops playing when his/her star has disappeared from the screen.]



Ten. Tbn. 2
dim.
Tba. 2
Tba. 3
Bs. Tbn. 1
Hrn. 1
Ten. Tbn. 8
dim.
Bs. Tbn. 8
dim.
Ten. Tbn. 15
dim.
Euph. 2
Hrn. 8
cresc.
Ten. Tbn. 22
dim.
Tba. 4
Hrn. 15
cresc.
Tba. 5
Ten. Tbn. 29
dim.
Hrn. 22: "Capella" star/ tempo ♩ = 98/ ***ff*** dynamic
cresc. cresc.
Bs. Trbn. 2: "Bellatrix" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Ten. Tbn. 36: "Alnath" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Trpt. 8: "Alnilam" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
Trpt. 15: "Alnitak" star/ tempo ♩ = 77/ ***mp*** *cresc.*dynamic
Tba. 6: "Betelgeuse" star/ tempo ♩ = 98/ ***ff*** *sostenuto* dynamic
Euph. 3: "Menkalinan" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Trpt. 22: "Mirzam" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
Hrn. 29: "Canopus" star/ tempo ♩ = 98/ ***fff*** dynamic
cresc.
Euph. 4: "Alhena" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Euph. 5: "Sirius" star/ tempo ♩ = 105/ ***fff*** *cresc.*dynamic
dim.
Bs. Tbn.: "Adhara" star/ tempo ♩ = 91/ ***f*** *cresc.*dynamic
dim.
Hrn. 36: "Wezen" star/ tempo ♩ = 84/ ***mf*** dynamic
cresc.
Euph. 6: "Castor" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Hrn. 43: "Procyon" star/ tempo ♩ = 98/ ***ff*** dynamic
cresc.
Tba. 7: "Pollux" star/ tempo ♩ = 91/ ***f*** *sostenuto* dynamic
Trpt. 29: "Regor" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
Euph. 7: "Delta Vel" star/ tempo ♩ = 84/ ***mf*** *cresc.*dynamic
dim.
Tba. 8: "Alphard" star/ tempo ♩ = 84/ ***mf*** *sostenuto* dynamic



"Le mystère suprême de l' Univers
L' unique mystère de tout et de partout
C' est qu' il y ait un mystère de l' Univers"

PART 2: ♩ = 77

4 **[Horns]** 17 18 19 20 21 22 23

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14
Hrn. 15
Hrn. 16 - 17
Trpt.

[Trumpets]

all trumpets: crescendo
trpt. 1
trpt. 8
trpt. 15
trpt. 22
trpt. 29

24 25 26 27 28 29 30

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14
Hrn. 15
Hrn. 16/17
Hrn. 18/19
Hrn. 20/21
Hrn. 22
Hrn. 23/24
Hrn. 25/26
Hrn. 27/28
Hrn. 29
Hrn. 30/31
Hrn. 32/33

Trpts

all trumpets: crescendo
trpt. 1 and 2/8 and 9
15 and 16/22 and 23
29 and 30

31 32 33 34 35 36

Hrn. 1
Hrn. 2/ 3
Hrn. 4/ 5
Hrn. 6/ 7
Hrn. 8
Hrn. 9/ 10
Hrn. 11/ 12
Hrn. 13/ 14
Hrn. 15
Hrn. 16/ 17
Hrn. 18/ 19
Hrn. 20/ 21
Hrn. 22
Hrn. 23/ 24
Hrn. 25/ 26
Hrn. 27/ 28
Hrn. 29
Hrn. 30/ 31
Hrn. 32/ 33
Hrn. 34/ 35
Hrn. 36
Hrn. 37/ 38
Hrn. 39/ 40
Hrn. 41/ 42
Hrn. 43
Hrn. 44/ 45
Hrn. 46/ 47

Trumpets

37 38 39

horns 1 to 7: *cuivré*

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14

cuivré

Hrn. 15
Hrn. 16/17
Hrn. 18/19
Hrn. 20/21
Hrn. 22
Hrn. 23/24
Hrn. 25/26
Hrn. 27/28
Hrn. 29
Hrn. 30/31
Hrn. 32/33
Hrn. 34/35

horns 35 to 49: *cuivré*

Hrn. 36
Hrn. 37/38
Hrn. 39/40
Hrn. 41/42
Hrn. 43
Hrn. 44/45
Hrn. 46/47
Hrn. 48/49

f

all trumpets: *crescendo*

Trumpets

trpt. 1 to 3
trpt. 8 to 10
trpt. 15 to 17
trpt. 23 to 25
trpt. 29 to 31

40 41 42 43 44

horns 1 to 7: *crescendo*

horns 1 to 49: *flatt.*

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7

horns 8 to 14: *cuivré*

Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14

horns 15 to 21: *crescendo*

horns 15 to 35: *cuivré*

Hrn. 15
Hrn. 16/17
Hrn. 18/19
Hrn. 20/21

horns 22 to 35: *crescendo*

Hrn. 22
Hrn. 23/24
Hrn. 25/26
Hrn. 27/28
Hrn. 29
Hrn. 30/31
Hrn. 32/33
Hrn. 34/35

horns 36 to 49: *crescendo*

Hrn. 36
Hrn. 37/38
Hrn. 39/40
Hrn. 41/42
Hrn. 43
Hrn. 44/45
Hrn. 46/47
Hrn. 48/49

all trumpets: *crescendo*

Trumpets

trpt. 1 to 4

trpt. 8 to 11

trpt. 15 to 18

trpt. 23 to 25

trpt. 29 to 32

PART 2: ♩ = 84

5 45 46 47 48 49 50 51

Horn 1 to 7

Horn 8 to 14

Horn 15 to 21

Horn 22 to 28

Horn 29 to 35

Horn 36 to 42

Trumpets

1 and 7

8 and 10

11 and 15

16 and 20

21 and 25

26 and 30

31 and 35

1 to 5

8 to 12

15 to 19

22 to 26

29 to 33

[Tenor trombones]

Ten. Tbn. 1

Ten. Tbn. 14

Ten. Tbn. 15

Ten. Tbn. 16

Ten. Tbn. 17

Ten. Tbn. 18

Ten. Tbn. 19

Ten. Tbn. 20

Ten. Tbn. 21

Ten. Tbn. 22

Ten. Tbn. 23

Ten. Tbn. 24

Ten. Tbn. 25

Ten. Tbn. 26

Ten. Tbn. 27

Ten. Tbn. 28

52 53 54 55 56 57 58

Horn 1 to 7
Horn 15 to 21
Horn 22 to 28
Horn 36 to 42

Trpts

1 to 6
8 to 13
15 to 20
22 to 27
29 to 34

Ten. Tbn. 6
Ten. Tbn. 7
Ten. Tbn. 8
Ten. Tbn. 9
Ten. Tbn. 10
Ten. Tbn. 11
Ten. Tbn. 12
Ten. Tbn. 13
Ten. Tbn. 14
Ten. Tbn. 15
Ten. Tbn. 16
Ten. Tbn. 17
Ten. Tbn. 18
Ten. Tbn. 19
Ten. Tbn. 20
Ten. Tbn. 21
Ten. Tbn. 22
Ten. Tbn. 23
Ten. Tbn. 24
Ten. Tbn. 25
Ten. Tbn. 26
Ten. Tbn. 27
Ten. Tbn. 28
Ten. Tbn. 29
Ten. Tbn. 30
Ten. Tbn. 31
Ten. Tbn. 32
Ten. Tbn. 33
Ten. Tbn. 34
Ten. Tbn. 35
Ten. Tbn. 36

30 31 32 33 34 35 36

59 60 61 62 63 64 65

Horn 1 to 7
Horn 8 to 14
Horn 15 to 21
Horn 22 to 28
Horn 29 to 35
Horn 36 to 42
Hrns 43 to 49

dim.
To

Trpts

7, 14, 21, 28, 35/ 6, 13, 20, 27, 34
5, 12, 19, 26, 33
4, 11, 18, 25, 32
3, 10, 17, 24, 31
2, 9, 16, 23, 30/ 1, 8, 15, 22, 29

all trumpets: *crescendo*
1 to 7
8 to 14
15 to 21
22 to 28
29 to 35

all trombones:
2 bars of continuous *glissandi*

Ten. Tbn. 1
Ten. Tbn. 2
Ten. Tbn. 3
Ten. Tbn. 4
Ten. Tbn. 5
Ten. Tbn. 6
Ten. Tbn. 7
Ten. Tbn. 8
Ten. Tbn. 9
Ten. Tbn. 10
Ten. Tbn. 11
Ten. Tbn. 12
Ten. Tbn. 13
Ten. Tbn. 14
Ten. Tbn. 15
Ten. Tbn. 16
Ten. Tbn. 17
Ten. Tbn. 18
Ten. Tbn. 19
Ten. Tbn. 20
Ten. Tbn. 21
Ten. Tbn. 22
Ten. Tbn. 23
Ten. Tbn. 24
Ten. Tbn. 25
Ten. Tbn. 26
Ten. Tbn. 27
Ten. Tbn. 28
Ten. Tbn. 29
Ten. Tbn. 30
Ten. Tbn. 31
Ten. Tbn. 32
Ten. Tbn. 33
Ten. Tbn. 34
Ten. Tbn. 35
Ten. Tbn. 36
Ten. Tbn. 37
Ten. Tbn. 38
Ten. Tbn. 39
Ten. Tbn. 40
Ten. Tbn. 41
Ten. Tbn. 42

38 39 40 41 42

f

66 67 68 69 70 71 72

Horn 1 to 7

Trumpets

trpt. 11, 12, 25, 26

trpt. 13, 14, 27, 28

trpt. 8, 9, 10, 22 to 24

trpt. 4, 5, 18, 19, 32, 33

trpt. 6, 7, 20, 21, 34, 35

trpt. 1 to 3, 15 to 17, 29 to 31

[White noise, a remainder of the big bang is heard.]

Ten. Tbn.

ten. tbn. 1 to 7

ten. tbn. 22 to 28

ten. tbn. 36 to 42

[Euphoniums]

Euphoniums

all euphoniums: crescendo

euph. 1 to 7

euph. 8 to 14

euph. 15 to 21

euph. 22 to 28

ten. tbn. 1 to 3

73 74 75 76 77 78 79

Ten. Tbn.

7 to 9

13 to 15

19 to 21

25 to 27

31 to 33

34 to 36

ten. tbn. 40 to 42

all euphoniums: *crescendo*

Euphoniums

euph. 1, 8 and 15

euph. 2, 9 and 16

euph. 3, 10 and 17

euph. 4, 11 and 18

euph. 25 to 28

euph. 5, 12, and 19

To

euph. 6, 13 and 20

euph. 7, 14 and 21

To

To

To

euph. 22 to 24

euph. 1 to 5

euph. 8 to 12

euph. 15 to 19 and 22 to 26

80 81 82 83 84 85 86

all horns: *sforzando*

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14
Hrn. 15
Hrn. 16/17
Hrn. 18/19
Hrn. 20/21
Hrn. 22
Hrn. 23/24
Hrn. 25/26
Hrn. 27/28
Hrn. 29
Hrn. 30/31
Hrn. 32/33
Hrn. 34/35
Hrn. 36
Hrn. 37/38
Hrn. 39/40
Hrn. 41/42
Hrn. 43
Hrn. 44/45
Hrn. 46/47
Hrn. 48/49

Tenor Trombones

ten. tbn. 1 to 3
4 to 6
7 to 9 / 10 to 12
15
16 to 18 / 19 to 21
13, 14
22 to 24
25 to 27
28, 29
30
31, 32
33 to 36
37 to 39
ten. tbn. 40 to 42

gliss. *dim.* gl. To

all trombones: *diminuendo*

Euphoniums

euph. 1
euph. 8
euph. 15
euph. 22
euph. 2
euph. 9
euph. 16
euph. 5, 12, 19, 23, 25 and 26
euph. 3
euph. 10
euph. 17
euph. 24
euph. 4
euph. 11
euph. 18

all euphoniums: *crescendo*

euph. 1 to 4
euph. 8 to 11
euph. 15 to 18
euph. 22 to 24

To

87 88 89 90 91 92 93

Hrn. 1
Hrn. 2/3
Hrn. 4/5
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 11/12
Hrn. 13/14
Hrn. 15
Hrn. 16/17
Hrn. 18/19
Hrn. 20/21
Hrn. 22
Hrn. 23/24
Hrn. 25/26
Hrn. 27/28
Hrn. 29
Hrn. 30/31
Hrn. 32/33
Hrn. 34/35
Hrn. 36
Hrn. 37/38
Hrn. 39/40
Hrn. 41/42
Hrn. 43
Hrn. 44/45
Hrn. 46/47
Hrn. 48/49

Euphoniums

euph. 1
euph. 8
euph. 15
euph. 22
euph. 2
euph. 9
euph. 16
euph. 23
euph. 3
euph. 10
euph. 17
euph. 24
euph. 4
euph. 11
euph. 18

all euphoniums: *crescendo*

euph. 1 and 2
euph. 8 and 9
euph. 15 and 16
euph. 22 and 23

94 95 96 97 98 99 100

Hrn. 1
Hrn. 2/3
Hrn. 6/7
Hrn. 8
Hrn. 9/10
Hrn. 13/14
Hrn. 15
Hrn. 18/19
Hrn. 20/21
Hrn. 29
Hrn. 30/31
Hrn. 34/35
Hrn. 36
Hrn. 37/38
Hrn. 39/40
Hrn. 41/42
Hrn. 43
Hrn. 46/47
Hrn. 48/49

Euphoniums

euph. 3
Euph. 4
euph. 10
euph. 11
euph. 17
euph. 18
euph. 24
euph. 25
euph. 1
euph. 2
euph. 8
euph. 9
euph. 15
euph. 16
euph. 22
euph. 23

all euphoniums: *crescendo*

euph. 1
euph. 2
euph. 8
euph. 9
euph. 15
euph. 16

101 102 103 104 105 106 107

Trumpets

trpt. 1, 8, 15, 22 and 29
trpt. 2, 9, 16, 23 and 30
trpt. 3, 10, 17, 24 and 31
trpt. 4, 11, 18, 25 and 32
trpt. 5, 12, 19, 26 and 33
trpt. 6, 13, 20, 27 and 34
trpt. 7, 14, 21, 28 and 35

Hrn. 1
Hrn. 2/3
Hrn. 22
Hrn. 23/24
Hrn. 39/40
Hrn. 41/42

Tenor Trombones

ten. tbn. 1, 8, 15, 22, 29 and 36
ten. tbn. 2, 9, 16, 23, 30 and 37
ten. tbn. 3, 10, 17, 24, 31 and 38
ten. tbn. 4, 11, 18, 25, 32 and 39
ten. tbn. 5, 12, 19, 26, 33 and 40
ten. tbn. 6, 13, 20, 27, 34 and 41
ten. tbn. 7, 14, 21, 28, 35 and 42

Euphoniums

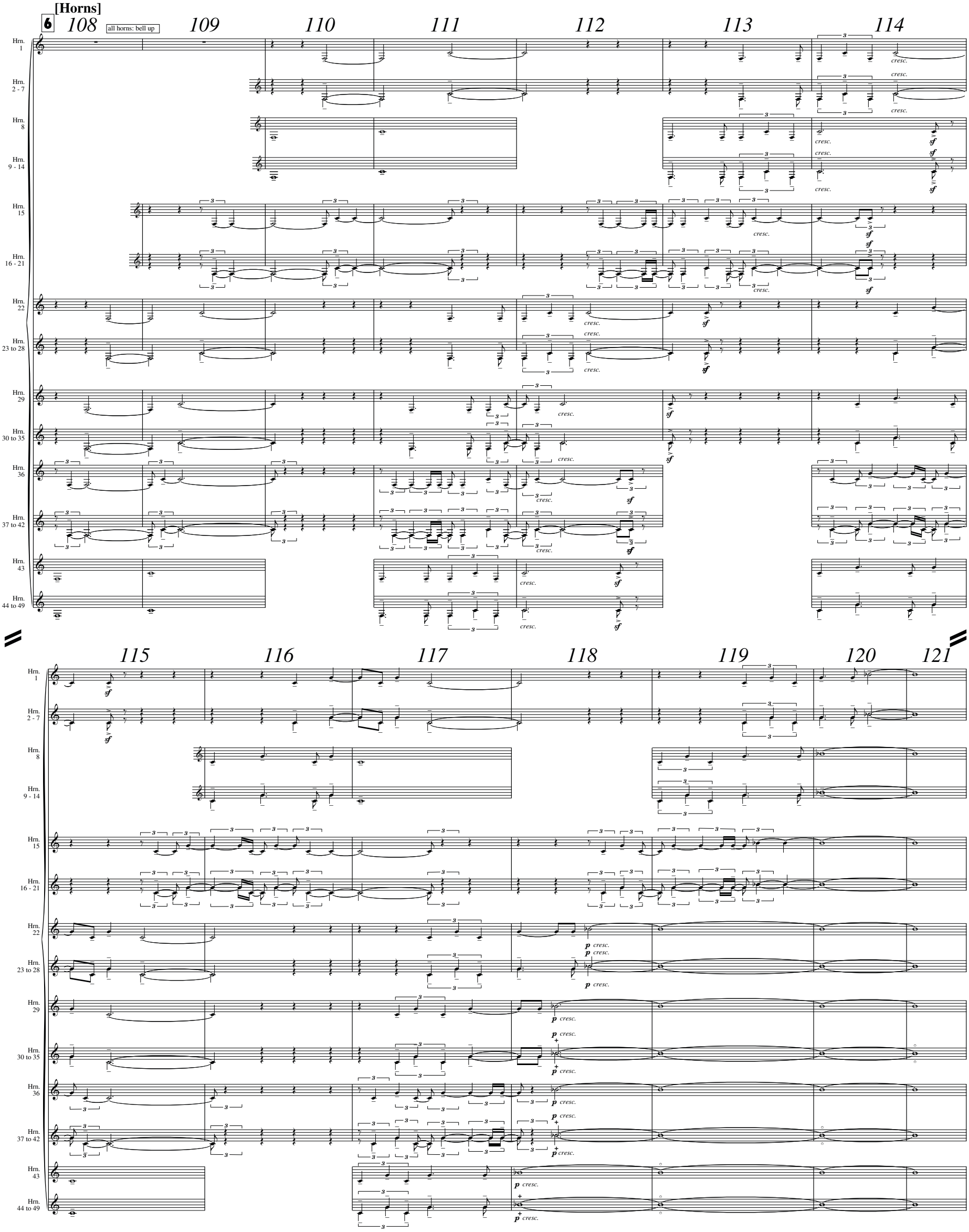
euph. 1 and 2
euph. 8 and 9
euph. 15 and 16
euph. 3 and 4
euph. 10 and 11
euph. 17 and 18

euph. 1, 8, 15 and 22
euph. 2, 9, 16 and 23
euph. 3, 10, 17 and 24
euph. 4, 11, 18 and 25
euph. 5, 12, 19 and 26
euph. 6, 13, 20 and 27
euph. 7, 14, 21 and 28

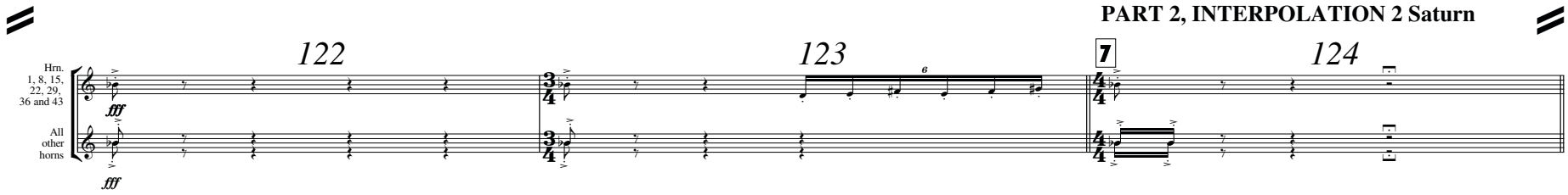
Comment ne pas avoir au-delà du toujours au-delà,
De nouvelles directions d' infini,
Un nombre infini d' infinis?"

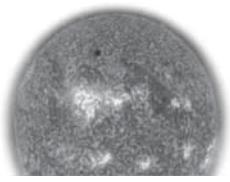
PART 2, CALL 1: *Slow* ♩ = *49*

[Horns]



PART 2, INTERPOLATION 2 Saturn





I always remember my father as being very brown, very tanned, always working with his hands. He would spend a lot of time in the garden, outdoors. Tall and lean and handsome but always bent over this plant or that, out underneath the open sky.

He was 37 when I was born.

I remember him collecting snails – big fat garden snails – and cracking them to feed the ducks that we used to rear. I remember tall pine trees in the garden.

He built a chicken coop at the back – it was a very elaborate chicken coop, mind you – like two storeys. A chicken villa.

And there were lots of plants and trees in the garden. Small Hawai'ian papaya trees. I found out from him that there were actually male papaya trees and female papaya trees, and that they too had communication problems.

We had pandan leaves, and a very nice coconut tree, which was a pandan coconut tree. My father would take the coconuts and very, very stylishly cut off the husks, and shape them; carve off the heads so you could just have the sweet coconut water, so sweet and fragrant with that pandan smell.

I remember picking rambutans.

Dad built his own rock garden in the front. He would wear his China bermudas, sleeveless singlets, and his Chinaman straw hat, with a very wide brim – a gardener's straw hat. He always had very dirty fingers because he was always working in the garden, or building things.

His fingers and toes were always susceptible to cuts and nicks, which he used to have a lot of. So actually, for the longest time, I always only remembered my father with bandages. He would use Gentian lotion, which leaves this purple stain on the fingers, on the skin; he would always have that all across his fingers and toes and knees.

My father would wear his garden wellingtons to work in the garden. Until he was very old actually.

He would have the patience of Job.

He would be sitting on his tiny stool which was probably about eight inches high, which he had made himself. A little stool with a tiny plank seat and two angled legs.

My strongest memory would be him sitting on that, doing whatever he may have been doing. He might be making some intricate wiring or fencing, or sorting out his tools, or very patiently making something or cleaning something.

He'd be sitting there, hunched over with incredible perseverance and patience, repairing something. It could the car; it could be the television; it could be his old alarm clock.

His hands were deft and strong; the lamplight strong and clear; and my father's patience took his handiwork and light touch long into the night.

PART 3: ♩ = *84*

9

[Euphoniums] *126* *127* *128* *129* *130*

Euph. 1
Euph. 2
Euph. 3
Euph. 4
Euph. 5
Euph. 6
Euph. 7
Euph. 8
Euph. 9
Euph. 10
Euph. 11
Euph. 12

131 *132* *133* *134* *135*

[Tenor trombones]

all tenor trombones: *crescendo*

ten. tbn. 1

Ten. Tbn.

Euph. 1
Euph. 2
Euph. 3
Euph. 4
Euph. 5
Euph. 6
Euph. 7
Euph. 8
Euph. 9
Euph. 10
Euph. 11
Euph. 12
Euph. 13
Euph. 14
Euph. 15
Euph. 16
Euph. 17
Euph. 18
Euph. 19
Euph. 20
Euph. 21

136 137 138 139 140 141 142

Hrn.

horn 1 to 21

cresc.

Tenor Trombones

all tenor trombones: *crescendo*

ten. tbn. 1, 2

8, 9

15, 16

22, 23

29, 30

2

9

16

23

30

Euph. 1

Euph. 2

Euph. 5

Euph. 6

Euph. 11

Euph. 14

Euph. 15/16

Euph. 17/18

Euph. 19/20

143 144 145 146 147 148 149

Hrn.

p cresc.

horn 22 to 35

Tenor Trombones

all tenor trombones: *crescendo*

ten. tbn. 1 to 3

8 to 10

15 to 17

22 to 24

29 to 31

3, 4, 10, 11, 17, 18, 24, 25, 31 and 32

5

6 and 12

13 and 19

20, 26

27 and 33

34

Euph. 1

Euph. 2

Euph. 3

Euph. 4

Euph. 5

Euph. 6

Euph. 7

Euph. 8

Euph. 9

Euph. 10

Euph. 11

Euph. 12

Euph. 13

Euph. 14

Euph. 15/16

Euph. 17/18

Euph. 19/20

Euph. 21/22

Euph. 23/24

sf

150 151 152 153 154 155 156

Hrn.

horn 1 and 29 to 49

cresc.

sf

all tenor trombones: *crescendo*

Tenor Trombones

ten. tbn. 1 to 4

8 to 11

15 to 18

22 to 25

29 to 32

25 to 27 and 32 to 34

4/5

6/7

11/12

13/14

18/19

Euph. 1

Euph. 2

euph. 2

Euph. 3

Euph. 4

euph. 4

Euph. 5

Euph. 6

euph. 6

Euph. 7

Euph. 8

euph. 8

Euph. 9

Euph. 10

euph. 10

Euph. 11

Euph. 13

Euph. 15/16

Euph. 17/18

Euph. 19/20

Euph. 21/22

157 158 159 160 161 162 163

Hrn.

p cresc.

horn 22 to 28

[Trumpets]

Trumpets

all trumpets: *crescendo*

trpt. 1, 2

trpt. 3, 4

5, 6

7, 8

9, 10

11, 12

19, 20

13, 14

25, 26

15, 16

21, 22

17, 18

23, 24

Tenor Trombones

all tenor trombones: *crescendo*

ten. tbn. 1 to 5

8 to 12

15 to 19

22 to 26

29 to 33

5/6

7/12

13/14

19/20

21/26

Euph. 2

Euph. 4

Euph. 6

Euph. 8

Euph. 10

Euph. 12

Euph. 13

Euph. 14

Euph. 15/16

Euph. 17/18

euph. 18

Euph. 19/20

euph. 20

Euph. 21/22

euph. 22

164 165 166 167 168 169 170

Hrn.

horn 1 to 21

horn 29 to 49

cresc. sf

cresc. sf

Trumpets

all trumpets: *crescendo*

trpt. 1, 2

trpt. 3, 4

5, 6

7, 8

9, 10

11, 12

19, 20

13, 14

25, 26

15, 16

21, 22

17, 18

23, 24

Ten.

ten. tbn. 1 to 5, 8 to 12, 15 to 19, 22 to 26 and 29 to 33

6/ 7/ 13

14/ 20/ 21

27/ 28/ 34

Tbn.

25/ 36/ 37

38/ 39

40/ 41

all tenor trombones: *crescendo*

ten. tbn. 1 to 6

8 to 13

15 to 20

22 to 27

29 to 34

Euph. 1 Euph. 2 Euph. 3 Euph. 4 Euph. 5 Euph. 6 Euph. 7 Euph. 8 Euph. 9 Euph. 10 Euph. 11 Euph. 12 Euph. 13 Euph. 14 Euph. 15/ 16 Euph. 17 Euph. 19/ 20 Euph. 21/ 22 Euph. 23/ 24 Euph. 25/ 26 Euph. 27/ 28

sfp *sf*

euph. 23 euph. 24 euph. 25 euph. 26 euph. 27 euph. 28

171 172 173 174 175 176 177

Hrn.

p cresc.

p cresc.

Trumpets

1, 8, 15 and 22

2, 9, 16 and 23

3, 4, 17, 18, 23 and 24

4, 11, 18, 25

6, 13 and 20

7, 14 and 21

27, 28

29

30, 31

32

33, 34

35

all trumpets: *crescendo*

trpt. 1, 2

3, 4

5, 6

7, 8

9, 10

27

11, 12

19, 20

13, 14

15, 16

21, 22

17, 18

23, 24

Tenor Trombones

7/ 14/ 21

28/ 31/ 32

33/ 34/ 35

36/ 37/ 38

39/ 40

41/ 42

all tenor trombones: *crescendo*

ten. tbn. 1 to 7

8 to 14

15 to 21

22 to 28

29 to 35

Euph. 1

Euph. 2

Euph. 3

Euph. 4

Euph. 5

Euph. 6

Euph. 7

Euph. 8

Euph. 9

Euph. 10

Euph. 11

Euph. 12

Euph. 13

Euph. 14

Euph. 15/ 16

Euph. 17

Euph. 19/ 20

Euph. 21/ 22

Euph. 23/ 24

Euph. 25/ 26

Euph. 27/ 28

sfp

f

178 179 180 181 182 183 184 185

Hrn.

Trumpets

Tenor Trombones

Euph. 1 Euph. 2 Euph. 3 Euph. 4 Euph. 5 Euph. 6 Euph. 7 Euph. 8 Euph. 9 Euph. 10 Euph. 11 Euph. 12 Euph. 13 Euph. 14 Euph. 15/16 Euph. 17 Euph. 19/20 Euph. 21/22 Euph. 23/24 Euph. 25/26 Euph. 27/28

horn 1, 8 and 15

horn 2 to 7, 9 to 14, 16 to 21 and 29 to 49

+ 22

+ 24 to 28

1, 8, 15, 22

2, 9, 16 23

3, 10, 17, 24

4, 11, 18, 25

5, 12, 19, 26, 27

6, 13, 20

28, 29

30

31, 32

33

34

35

cresc.

all euphoniums: ff

PART 3: ♩ = 112

10

186 187 188 189 190 191 192 193

Trumpets

[Trumpets]

1 and 2 | 8, 9 | 15, 16 | 22, 23 | 29, 30

Ten.

Tbn.

[Tenor trombones]

1 to 5 | 6 to 10 | 11 to 15 | 16 to 20 | 21 to 25 | 26 to 30 | 31 to 35 | ten. tbn. 36 to 42

all tenor trombones: *crescendo*

194 195 196 197 198 199 200

Trumpets

trpt 1 to 3, 15 to 17 | 4, 13 and 18 | 5, 19 | 6, 20 | 7, 21 | 8, 22 | 9, 23 | 10, 24 | 11, 25 | 12, 26 | 13, 14, 27, 28

trpt 1, 2, 29, 30 | 3, 31 | 4, 32 | 5, 33 | 6, 34 | 7, 35 | cresc.

22 to 25

Ten.

Tbn.

all tenor trombones: *crescendo*

ten. tbn. 1 to 4 | 8 to 11 | 15 to 18 | 22 to 25 | 29 to 32

Euphoniums

[Euphoniums]

1, 2/ 5, 6 | 9, 10/ 13, 14 | 15, 16/ 19, 20 | 23, 24/ 27, 28 | 3, 4/ 7, 8 | 11, 12/ 17, 18 | 21, 22/ 25, 26

ephn. 1, 2 | 5, 6 | 9, 10 | 15, 16 | 19, 20 | 23, 24 | 27, 28

201 202 203 204 205 206 207

Horns

[Horns]

Trumpets

tpts. 22 to 25

all trpts *crescendo*

Ten. Tbn.

ten. tbn. 1

Euphoniums

ephn. 1/ 2/ 3/ 13/ 14

208 209 210 211 212 213 214

Horns

hrn. 1/3
5/7
9/11
17, 18/21, 22
25, 26/29 to 31
35 to 37/41 to 43
47 to 49
2/4
6/8
10/12
15, 16/19, 20
23, 24/27, 28
32 to 34/38 to 40
all horns *flatt.*
1/3
5/7
9/11
13
17, 18/21, 22
25, 26/29 to 31
35 to 37/41 to 43
47 to 49
2/4
6/8
10/12
14/15, 16
19, 20/23, 24
27, 28/32 to 34
38 to 40/44 to 46
all horns *crescendo*
1, 15
2, 16
3, 17
4, 18
5, 19
6, 20
7, 21
8, 22
9
10, 24
11
12, 26
13
30
ff
32, 46
29, 43
33, 47
35, 49
36
37
38
39
40
41
48
ff
ff

Trumpets

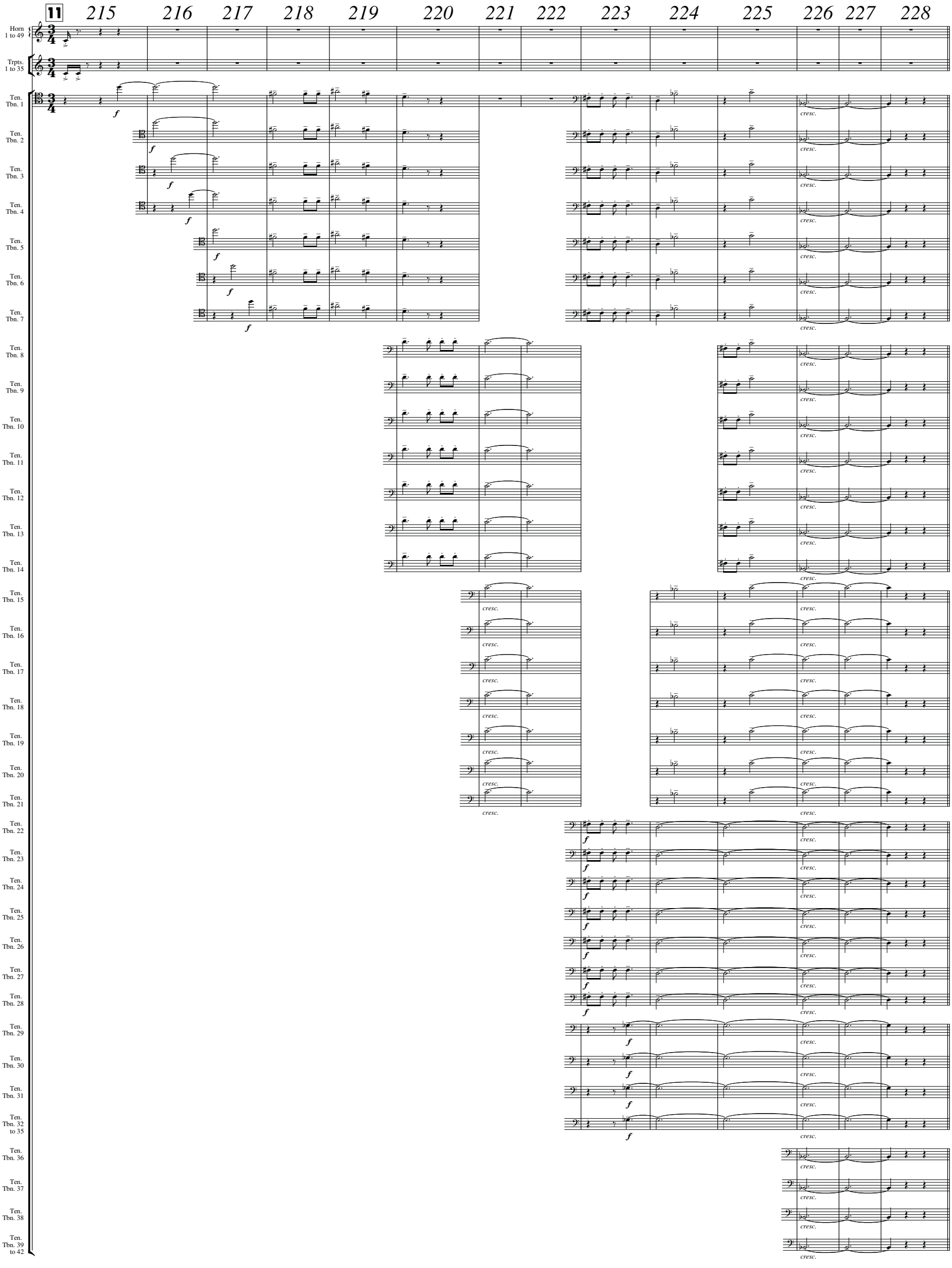
trpts. 1 to 26
all trpts. *crescendo*
trpt. 1, 2
3, 4
5, 6
7, 8
9, 10
11, 12
13, 14
15, 16
17, 18
19, 20
21, 22
23, 24
25, 26
27

Ten.

Tbn.

"*Il y a d′ infinis infinis.*"

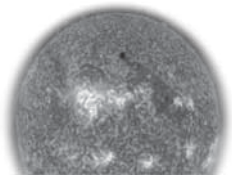
PART 3, CALL 2: ***Slow*** ♩ **=** ***49***



PART 3, INTERPOLATION 3 Sun

12

Tutti



PART 4: ***Slow*** ♩ **= 49**

A little faster ♩ **= 56**

13 230 231 232 233 **[Horns]** horn 1 to 7 234 235

[Trumpets]

[Tenor trombones]

Hrn.
Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7

236 237 238 239 1 to 7

A little faster ♩ **= 63**

240 241 242 243 244 245

1, 2, 4
3, 5
7

Hrn.
Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14

♩ = 70

246 247 248 249 250

1 to 7

Hrn.

Trpt. 1 — sempre legato

Trpt. 2/ 3 — sempre legato

Trpt. 4/ 5 — sempre legato

Trpt. 6/ 7 — sempre legato

Trpt. 8

Trpt. 9/ 10 — a 2

Trpt. 11/ 12 — a 2

Trpt. 13/ 14 — a 2

Ten. Tbn. 1

Ten. Tbn. 2/ 3

Ten. Tbn. 4/ 5

Ten. Tbn. 6/ 7

Ten. Tbn. 8

Ten. Tbn. 9/ 10

Ten. Tbn. 11/ 12

Ten. Tbn. 13/ 14

[Bass trombones]

Bs. Tbn.

bass trombones 1, 2, 3

A little faster ♩ = 77

251 252 253 254

1 , 2/ 3, 4/ 5, 6

Hrn.

7, 8 9, 10

Trpt. 1

Trpt. 2/ 3

Trpt. 4/ 5

Trpt. 6/ 7

Trpt. 8 — sempre legato

Trpt. 9/ 10 — sempre legato

Trpt. 11/ 12 — sempre legato

Trpt. 13/ 14 — sempre legato

Ten. Tbn. 1

Ten. Tbn. 2/ 3

Ten. Tbn. 4/ 5

Ten. Tbn. 6/ 7

Ten. Tbn. 8

Ten. Tbn. 9/ 10

Ten. Tbn. 11/ 12

Ten. Tbn. 13/ 14

Ten. Tbn. 15 — a 2

Ten. Tbn. 16/ 17 — a 2

Ten. Tbn. 18/ 19 — a 2

Ten. Tbn. 20/ 21

Bs. Tbn.

1, 4, 5

1 to 5

A little faster ♩ = 84 | *A little faster* ♩ = 91 | *A little faster* ♩ = 98

255 256 257 258 259 260 261 262

1 to 14

1, 8/ 2, 9/ 3, 10/ 4, 11

5, 12/ 6, 13/ 7, 14

Hrn.

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21

Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14
Ten. Tbn. 15
Ten. Tbn. 16/ 17
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28

a 2

Bs. Tbn.

1 to 3 | 1, 2, 3 | 1, 4 | 1 to 4

cresc.

Faster ♩ = 105

263 264 265 266 267 268 269 270

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21
Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14
Ten. Tbn. 15
Ten. Tbn. 16/ 17
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28
Ten. Tbn. 29
Ten. Tbn. 30/ 31
Ten. Tbn. 32/ 33
Ten. Tbn. 34/ 35
Bs. Tbn.

legato
a 2
1 to 5
6 to 10

271 Faster ♩ = 112 272 273 274 275

Hrn.

1 to 5, 8 to 12, 15 to 19, 22 to 26, 29 to 31, 36 to 38 and 43 to 45

1, 8/ 15, 22/ 29, 36/ 2, , 3, 43/ 4, 9, 10, 11, 16 to 18, 25

23, 24, 30, 31/ 37, 38, 44, 45/ 5, 12/ 19, 26

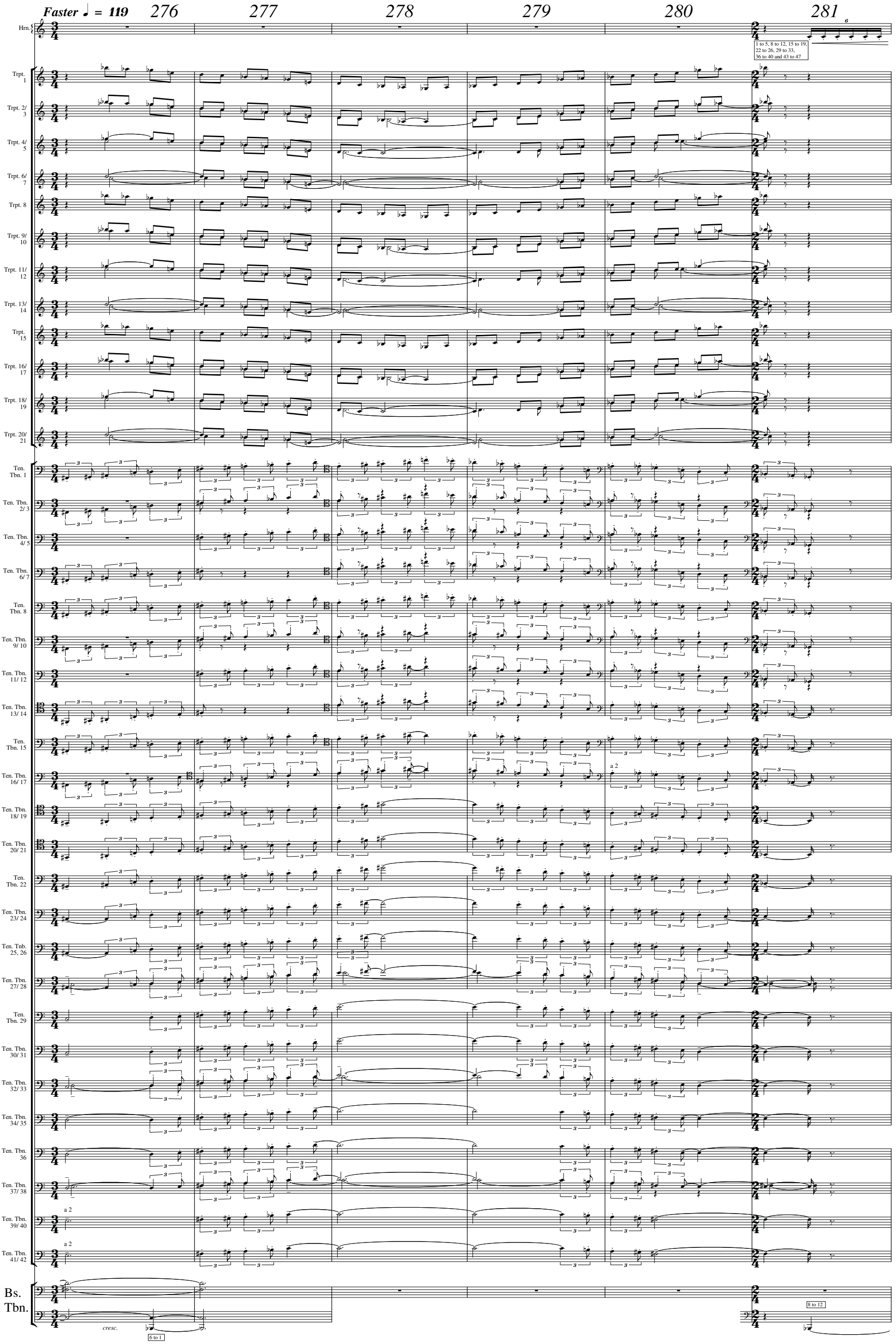
Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21

Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14
Ten. Tbn. 15
Ten. Tbn. 16/ 17
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28
Ten. Tbn. 29
Ten. Tbn. 30/ 31
Ten. Tbn. 32/ 33
Ten. Tbn. 34/ 35

a 2
a 1

Bs. Tbn.

1 to 3 | 1, 4, 5 | 1, 2, 3 | 1, 4, 5 | 1 to 5
6 to 8 | 8 to 10 | 6 to 10 | 6 to 8 | +11 | +12 | 8 to 10, 13, 14
cresc.


Faster ♩ = 119
276
277
278
279
280
281
Hrn.
1 to 5, 8 to 12, 15 to 19, 22 to 26, 29 to 33, 36 to 40 and 43 to 47
Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21
Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14
Ten. Tbn. 15
Ten. Tbn. 16/ 17
a 2
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28
Ten. Tbn. 29
Ten. Tbn. 30/ 31
Ten. Tbn. 32/ 33
Ten. Tbn. 34/ 35
Ten. Tbn. 36
Ten. Tbn. 37/ 38
a 2
Ten. Tbn. 39/ 40
a 2
Ten. Tbn. 41/ 42
Bs. Tbn.
cresc.
6 to 1
8 to 12

Faster ♩ = 128

282 283 284 285 286

Hrn. 1, 8, 15/ 22, 29, 36/ 2, 9, 43/ 16, 23, 30/ 3, 37, 44/ 10, 17 24

Hrn. 31, 38, 45/ 4, 11, 12, 18/ 25, 32, 39, 40/ 5, 46, 47/ 19, 26, 33

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21
Trpt. 22
Trpt. 23/ 24 — *legato*
Trpt. 25/ 26 — *legato*
Trpt. 27/ 28 — *legato*

Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14 — a 2
Ten. Tbn. 15
Ten. Tbn. 16/ 17 — a 2
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28
Ten. Tbn. 29
Ten. Tbn. 30/ 31
Ten. Tbn. 32/ 33
Ten. Tbn. 34/ 35
Ten. Tbn. 36
Ten. Tbn. 37/ 38
Ten. Tbn. 39/ 40
Ten. Tbn. 41/ 42

Bs. Tbn. — 1 to 5 | 8 to 10 | 1 to 3 | 8, 11, 12 | 1, 4, 5 | 1 to 5 | 8 to 10 | 1, 4, 5

Faster ♩ = 135

287 288 289 290 291

1 to 49

Hrn.

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15
Trpt. 16/ 17
Trpt. 18/ 19
Trpt. 20/ 21
Trpt. 22
Trpt. 23/ 24
Trpt. 25/ 26
Trpt. 27/ 28

Ten. Tbn. 1
Ten. Tbn. 2/ 3
Ten. Tbn. 4/ 5
Ten. Tbn. 6/ 7
Ten. Tbn. 8
Ten. Tbn. 9/ 10
Ten. Tbn. 11/ 12
Ten. Tbn. 13/ 14
Ten. Tbn. 15
Ten. Tbn. 16/ 17
Ten. Tbn. 18/ 19
Ten. Tbn. 20/ 21
Ten. Tbn. 22
Ten. Tbn. 23/ 24
Ten. Tnb. 25, 26
Ten. Tbn. 27/ 28
Ten. Tbn. 29
Ten. Tbn. 30/ 31
Ten. Tbn. 32/ 33
Ten. Tbn. 34/ 35
Ten. Tbn. 36
Ten. Tbn. 37/ 38
Ten. Tbn. 39/ 40

a 2

Bs. Tbn.

1, 2, 3
3 tenuto fis
5 tenuto d
7 tenuto bes
6 tenuto c
1, 2 and 4
cresc.
11, 12
8, 11, 12, 13
8 to 10
8 to 11
13 tenuto ges
12 tenuto bes
cresc.

Fast ♩ = 142

292 293

Horns

1, 8/ 15, 22/ 2, 43/ 5, 6/ 10, 11/ 12, 13/ 17, 18

29, 36/ 3, 4/ 7, 9/ 14, 16/ 19, 20

21/ 23, 24/ 27, 28/ 32, 33/ 37, 38/ 39, 40

25, 26/ 30, 31/ 34, 35/ 41, 42/ 44 to 49

Trpt. 1, 2/ 3, 4

Trpt. 5, 6/ 7, 8

Trpt. 9, 10/ 11, 12

Trpt. 13, 14

Trpt. 15 — *p cresc.*

Trpt. 16, 17 — *p cresc.*

Trpt. 18, 19 — *p cresc.*

Trpt. 20, 21 — *p cresc.*

Trpt. 22 — *legato cresc.*

Trpt. 23 — *legato cresc.*

Trpt. 24 — *legato cresc.*

Trpt. 25 — *legato cresc.*

Trpt. 26 — *legato cresc.*

Trpt. 27 — *legato cresc.*

Trpt. 28 — *legato cresc.*

Trpt. 29/ 30 — *p cresc.*

Trpt. 31 to 33 — *p cresc.*

Trpt. 34/ 35 — *p cresc.*

Ten. Tbn. 1, 2/ 3, 4

Ten. Tbn. 5, 6/ 7, 8

Ten. Tbn. 9, 10/ 11, 12

Ten. Tbn. 14

Ten. Tbn. 15 — *p cresc.*

Ten. Tbn. 16/ 17 — *p cresc.*

Ten. Tbn. 18/ 19 — *p cresc.*

Ten. Tbn. 20/ 21 — *p cresc.*

Ten. Tbn. 22

Ten. Tbn. 23

Ten. Tbn. 24

Ten. Tbn. 25

Ten. Tbn. 26

Ten. Tbn. 27

Ten. Tbn. 28

Bass Trombones

14 rit.

294 295 296 297 298

Trumpets

all trpts. *f diminuendo*

f dim.

rit.

Euph. 1/2 Euph. 3/4 Euph. 5/6 Euph. 7/8 Euph. 9/10 Euph. 11/12 Euph. 13/14 Euph. 15/16 Euph. 17/18 Euph. 21/20 Euph. 21

all ten. trbns. *f diminuendo*

Ten. Tbn.

Bs. Tbn.

p cresc.

mf dim.

299 300 301 302 303

Trumpets

Euph. 1/2
Euph. 3/4
Euph. 5/6
Euph. 7/8
Euph. 9/10
Euph. 11/12

Ten. Tbn.
Bs. Tbn.

mf dim.

[! Tubas]

PART 4, CALL 3: ♩ = 56

15

304 305 306 307 308 309 310 311

Tba. 1
Tba. 2/3
Tba. 4/5
Tba. 6/7

Tubas

f cresc.

312 313 314 315 316 317 318

cresc.

PART 4, INTERPOLATION 4, pulsars

16

319

Tutti

PART 4, CALL 4: ♩ = 63

17

320

[Trumpets]

321 322 323 *Faster* ♩ = 77 324 325 *Faster* ♩ = 84 326 327 328 329

Trpt. 1, 8, 15, 22 and 29

Trpt. 2

Trpt. 3

Trpt. 4

Trpt. 5

Trpt. 6

Trpt. 7

Trpt. 9

Trpt. 10

Trpt. 11

Trpt. 12

Trpt. 13

Trpt. 14

Trpt. 16/ 17

Trpt. 18/ 19

Trpt. 20/ 21

Trpt. 23/ 24

Trpt. 25/ 26

Trpt. 27/ 28

trpt. 30/ 31

32/ 33

34/ 35

[Euphoniums]

Euph.

euph. 1, 8, 15 and 22

2, 9, 16 and 23

3, 10, 17 and 24

4, 11, 18 and 25

5 to 7, 12 to 14, 19 to 21 and 26 to 28

[Bass trombones]

Bs. Tbn.

bass trombone 1

8

2 to 7

9 to 14

[Tubas]

Tubas

1, 8 and 15

2, 9 and 16

3, 4, 10, 11, 17 and 18

tuba 5, 12 and 19

6, 13 and 20

7, 14 and 21

Faster ♩ = 91

Faster ♩ = 98

330 331 332 333 334 335 336 337

Hrn.

[Horns]

1, 8, 15, 22, 29, 36 and 43

4, 5, 11, 12, 18, 19, 25, 26, 32, 33, 39, 40, 46 and 47

2, 3, 9, 10, 16, 17, 23, 24, 30, 31, 37, 38, 44 and 45

6, 7, 13, 14, 20, 21, 27, 28, 34, 35, 41, 42, 48 and 49

Trpt. 1, 8, 15, 22 and 29

Trpt. 2

Trpt. 3

Trpt. 4

Trpt. 5

Trpt. 6

Trpt. 7

Trpt. 9

Trpt. 10

Trpt. 11

Trpt. 12

Trpt. 13

Trpt. 14

Trpt. 16/ 17

Trpt. 18/ 19

Trpt. 20/ 21

Trpt. 23/ 24

Trpt. 25/ 26

Trpt. 27/ 28

Trpt. 30, 31

Trpt. 32, 33

Trpt. 34, 35

[Tenor trombones]

Ten. Tbn.

1, 8, 15, 22, 29 and 36

2, 9, 16, 23, 30, 37

3, 10, 17, 24, 31, 38

4, 11, 18, 25, 32, 39

Faster ♩ = 105

[Horns]

338 339 340 341 342 343 344

Hrn.

4, 5, 11, 12, 18, 19, 25, 26, 32, 33, 39, 40, 46 and 47

1, 8, 15, 22, 29, 36 and 43

2, 3, 9, 10, 16, 17, 23, 24, 30, 31, 37, 38, 44 and 45

6, 7, 13, 14, 20, 21, 27, 28, 34, 35, 41, 42, 48 and 49

Trpt. 1, 8, 15, 22 and 29

Trpt. 2

Trpt. 3

Trpt. 4

Trpt. 5

Trpt. 6

Trpt. 7

Trpt. 9

Trpt. 10

Trpt. 11

Trpt. 12

Trpt. 13

Trpt. 14

Trpt. 16/ 17

Trpt. 18/ 19

Trpt. 20/ 21

Trpt. 23/ 24

Trpt. 25/ 26

Trpt. 27/ 28

Trpt. 30, 31

Trpt. 32, 33

Trpt. 34, 35

Ten. Tbn.

[Tenor trombones]

Euph.

euph. 1, 8, 15, 22

2, 9, 16, 23

3, 10, 17, 24

6, 11, 18, 25

5 to 7, 12 to 14, 19 to 21, 26 to 28

Bs. Tbn.

[Bass trombones]

1 and 8

2 and 9

3 and 10

4 and 11

5 to 7 and 12 to 14

Tubas

[Tubas]

tuba 1, 8 and 15

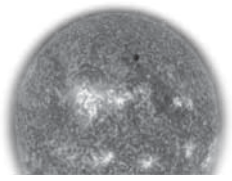
tuba 1, 2, 8, 9, 15, 16

3, 4, 10, 11, 17, 18

5, 12, 19

6, 13, 20

7, 14, 21



PART 5, Text 2

18

345

Tutti

So we always grew up with dogs.

There was one particular dog, which was kind of recognised as my dog because he was really my pet. He was just a mongrel. One of my father's secretaries from the police force had found the dog and gave it to us, and it was a brown mongrel. And my dad named him Pooch. Not a terribly illustrious name, considering the dog before it was a Doberman called Khan. This one was just called Pooch.

But compared to Khan, Pooch was incredibly clever, a very, very smart dog and a real dog-about-town. He was the dog.

There would always be this perpetual war between my father and Pooch because it was a single storey bungalow with a garden and a wire fence and Pooch would always find a way to get out on the streets and go around – you know, visiting his girlfriends or whatever. Don't know what he did. And he would occasionally come back with nicks. He had obviously been in a fight. We were always having to clean him up.

He was such a butch dog. So: the fence, it's sort of built into the earth. But Pooch would somehow scratch his way through the earth, push out the wire and scramble his way out of the house, and then he would be out on the streets: Pooch on the loose.

So my dad would always be in constant battle, repairing the fence.

He would pile stones where Pooch had made a hole. Then Pooch would just make another hole in another part of the fence.

And it was just this perpetual war. It was very funny, because no matter what my dad did, Pooch always managed to get out and he would always come back. And he would always have this big smile on his face and, you know, these ears a little bit nicked and bleeding a bit, but it didn't matter. He was just very happy; he had a free spirit.

And my dad would always be cursing, "Bloody Pooch! Not again! Bloody Pooch!"

And Pooch would smile at him.

Tout transcende tout,
Loin au-dehors de soi-même
Et infiniment, l' univers
S' illusionne lui-même en existant."

PART 5: ♩ = 77

19

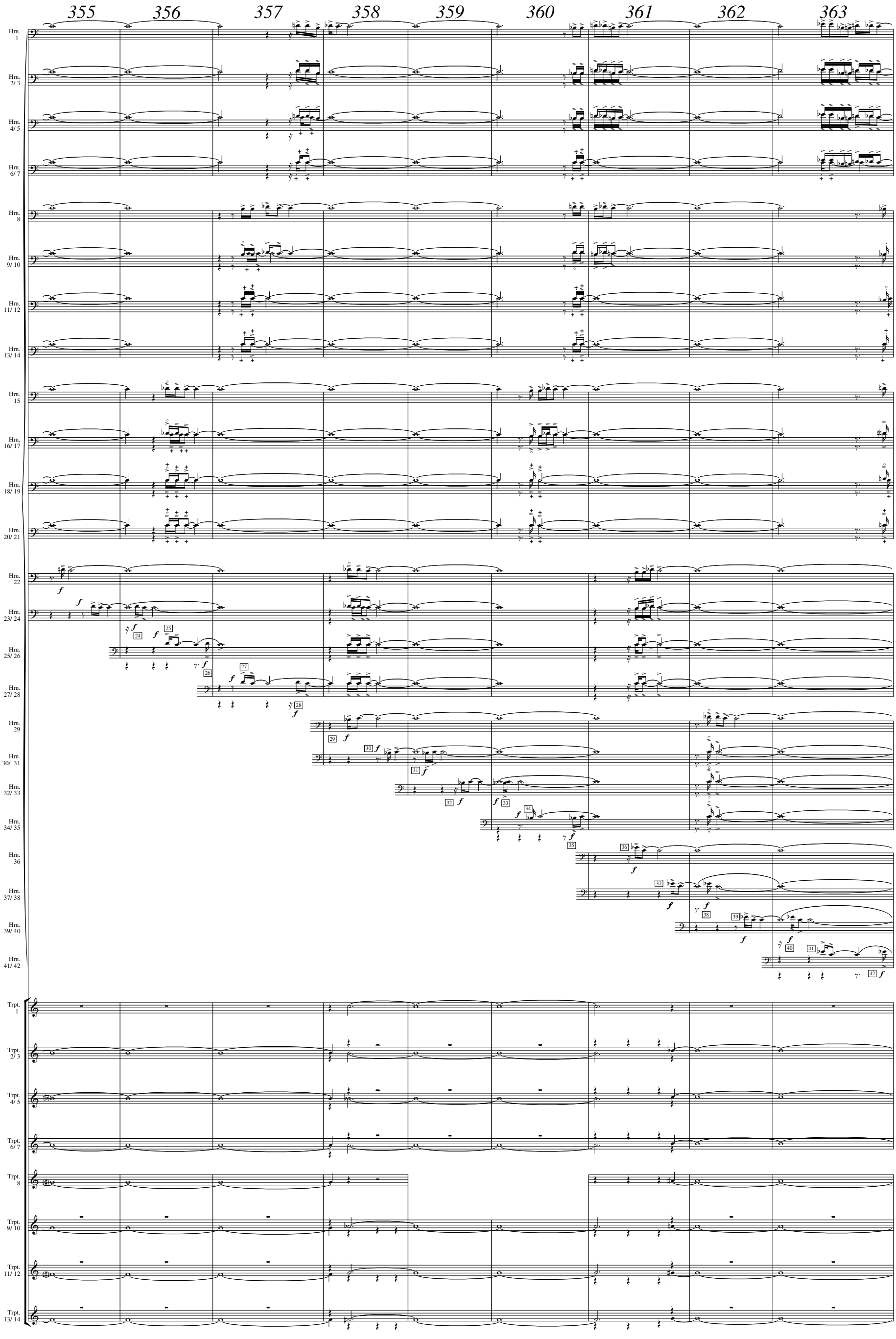
[Horns]

346 347 348 349 350 351 352 353 354

Hrn. 1
Hrn. 2/ 3
Hrn. 4/ 5
Hrn. 6/ 7
Hrn. 8
Hrn. 9/ 10
Hrn. 11/ 12
Hrn. 13/ 14
Hrn. 15
Hrn. 16/ 17
Hrn. 18/ 19
Hrn. 20/ 21
Hrn. 22
Hrn. 23/ 24
Hrn. 25/ 26
Hrn. 27/ 28
Hrn. 29
Hrn. 30/ 31
Hrn. 32 - 33
Hrn. 34/ 35
Hrn. 36
Hrn. 37/ 38
Hrn. 39/ 40
Hrn. 41/ 42

[Trumpets]

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9 / 10
Trpt. 11/ 12
Trpt. 13/ 14


355
356
357
358
359
360
361
362
363
Hrn. 1
Hrn. 2/ 3
Hrn. 4/ 5
Hrn. 6/ 7
Hrn. 8
Hrn. 9/ 10
Hrn. 11/ 12
Hrn. 13/ 14
Hrn. 15
Hrn. 16/ 17
Hrn. 18/ 19
Hrn. 20/ 21
Hrn. 22
Hrn. 23/ 24
Hrn. 25/ 26
Hrn. 27/ 28
Hrn. 29
Hrn. 30/ 31
Hrn. 32/ 33
Hrn. 34/ 35
Hrn. 36
Hrn. 37/ 38
Hrn. 39/ 40
Hrn. 41/ 42
Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14

364 365 366 367 368

Hrn. 1 to 7
Hrn. 8 to 12
Hrn. 13 - 14
Hrn. 15 to 19
Hrn. 20 - 21
Hrn. 22 to 26
Hrn. 27 - 28
Hrn. 29 to 31
Hrn. 32 - 33
Hrn. 34 - 35
Hrn. 36 to 42
Hrn. 43 to 49

cuivré

43 only + 44 + 45 + 46 + 47 + 48 + 49

f

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14

[Euphoniums]

euph. 1

Euphoniums

369 370 371 372 373

Hrn. 1 to 7 — flatt.
Hrn. 8 to 12 — cuivré
Hrn. 13 - 14 — cuivré
Hrn. 15 to 19 — *cresc.* — cuivré
Hrn. 20 - 21 — *cresc.*
Hrn. 22 to 26 — *cresc.* — cuivré
Hrn. 27 - 28 — *cresc.*
Hrn. 29 to 31 — *cresc.* — cuivré
Hrn. 32 - 33 — *cresc.* — cuivré
Hrn. 34 - 35 — *cresc.* — cuivré
Hrn. 36 to 42 — *cresc.* — cuivré
Hrn. 43 to 49 — *cresc.* — cuivré

Trumpets

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14

trpt. 22
trpt. 24
trpt. 26
trpt. 28
trpt. 30
trpt. 32
trpt. 34

Euphoniums

ff

Faster ♩ = 84

374 375 376 377 378 379 380

Trpt. 22
Trpt. 23/ 24
Trpt. 25/ 26
Trpt. 27/ 28
Trpt. 29
Trpt. 30/ 31
Trpt. 32/ 33
Trpt. 34/ 35

[Tubas]

Tubas

tubas 1 and 2 | 1 to 4 | 1 to 5 | 1 to 4 | 1 and 2 | 1 | 1 and 2

6 | 7 to 9 | 10 to 12 | 13 to 15 | 16 to 18

cresc.

Faster: ♩ = 91

20 381 382 383 384 385 386 387

Trpt. 22
Trpt. 23/ 24
Trpt. 25/ 26
Trpt. 27/ 28
Trpt. 29
Trpt. 30/ 31
Trpt. 32/ 33
Trpt. 34/ 35

[Euphoniums]

Euphoniums

euph. 1 and 2 | 3 and 4 | 5 and 6 | 7 and 8 | 9 and 10 | 11 and 12 | 13 and 14 | 15 and 16 | 17 and 18 | 19 and 20 | 21 and 22 | 23 and 24 | 25 and 26 | 27 and 28

Faster ♩ = 98

[Horns]

388 389 390 391 392

Horns

1/3 5/7 9/11 13 15, 16/19, 20 25, 26/29 to 31 35 to 37/41 to 43 47 2/4 6/8 10/12 14/17, 18 21, 22/23, 24 27, 28/32 to 34 38 to 40/44 to 46 48, 49

hrn. 1 to 3 8 to 10 15 to 17 25 to 28 32 to 35 39 to 42 46 to 49

Trpt. 1 Trpt. 2/ 3 Trpt. 4/ 5 Trpt. 6/ 7 Trpt. 8 Trpt. 9/ 10 Trpt. 11/ 12 Trpt. 13/ 14 Trpt. 23/ 24 Trpt. 25/ 26 Trpt. 27/ 28 Trpt. 29 Trpt. 30/ 31 Trpt. 32/ 33 Trpt. 34/ 35

euph. 1 and 2 1 to 4 5, 6 7, 8 9, 10 11, 12

Euph.

393 394 395 396 397 398 399

all horns *flatt.*

Horns

Trpt. 1
Trpt. 2/ 3
Trpt. 4/ 5
Trpt. 6/ 7
Trpt. 8
Trpt. 9/ 10
Trpt. 11/ 12
Trpt. 13/ 14
Trpt. 15 - 21

Euphoniums

[Bass trombones]

Bs. Tbn. 1 to 7
Bs. Tbn. 8 to 14

"Comme tout se meut l' un dans l' autre, agit et vit de la même existence!
Comme les puissances célestes montent et descendent en se passant de mains en mains les seaux d' or!"

PARTS 5, WHEEL OF FIRE: ♩ = 77

21 400 401 402 403 404 405 406 407 408 409

Horns

Trumpets

Ten. Tbn.

Euph.

Bs. Tbn.

Tubas

hrn, 1 to 5

trpt. 1, 2/ 3 to 5/ 6 to 8/ 9 to 11

tnr. trbn. 26 to 29/ 30 to 32/ 33 to 37/ 38 to 42

euph. 1, 2/ 3, 4/ 5, 6/ 7, 8/ 9, 10/ 11, 12

bs. tbn. 1/ 2/ 3/ 4/ 5/ 6

tubas 1 to 21

410 411 412 413 414 415 416 417 418 419 420 421

Horns

Trumpets

Ten. Tbn.

Euph.

Bs. Tbn.

Tubas

422 423 424 425 426 427

Horns

1 to 49 6 to 49 17 to 49

Trumpets

Ten. Tbn.

Euph.

Bs. Tbn.

Tubas

22 **PART 5, SHOOTING STARS:** ***Faster*** ♩ = ***112***

428 429 430 431 432 433

Horns

1 to 21, 23 to 28, 30 to 35, 37 to 42, 44 to 49
4 to 7
1 to 3, 8 to 10, 15 to 17, 22 to 24, 29 to 31, 36 to 38 and 43 to 45
gliss.
cresc.
22, 29, 36 and 43
11, 12, 18, 19, 25, 26, 32, 33, 39, 40, 46 and 47

Trumpets

1
15
15
8
22, 29
2 to 7
(chromatic clusters)
9 to 14
(chromatic clusters)
16 to 21
(chromatic clusters)
23 to 28
(chromatic clusters)
30 to 35
(chromatic clusters)

Ten. Tbn.

1 to 3, 5 to 10, 12 to 17, 19 to 24, 26 to 31, 33 to 38, 40 to 42
3, 10, 17, 24, 31 and 38
gliss.
6, 13, 20, 27, 34 and 41
gliss.
4, 11, 18, 25, 32 and 39
5, 12, 19, 26, 33 and 40
gliss.

Euph.

2 to 7, 9 to 14, 16 to 21, 23 to 28
1, 8, 15 and 22

Bs. Tbn.

1 and 2
8 and 9
1 and 2
3 to 7, 10 to 14
only 3, 5, 7, 10, 12 and 14

Tubas

1, 2, 4, 6, 8, 11, 13, 15, 18, 20 and 21
9 and 16
3, 5, 7, 9, 10 , 12, 14, 16 and 17
3, 5, 7, 10 , 12, 14, 17 and 19

434 435 436 437 438 439

Horns

13, 14, 20, 21, 27, 28, 34, 35, 41, 42, 48 and 49
11, 12, 18, 19
6, 7, 13, 14, 20, 21, 27, 28, 34, 35, 41, 42, 48 and 49
4, 5, 11, 12, 18, 19, 25, 26, 32, 33, 39, 40, 46 and 47
1 to 3, 15 to 17, 29 and 43
8 to 10, 22 to 24, 30, 31, 36 to 38, 44 and 45
gliss.
cresc.

Trumpets

1
29
8 and 15
22
(chromatic clusters)

Ten. Tbn.

gliss.
7, 14, 21, 28, 35 and 42

Euph.

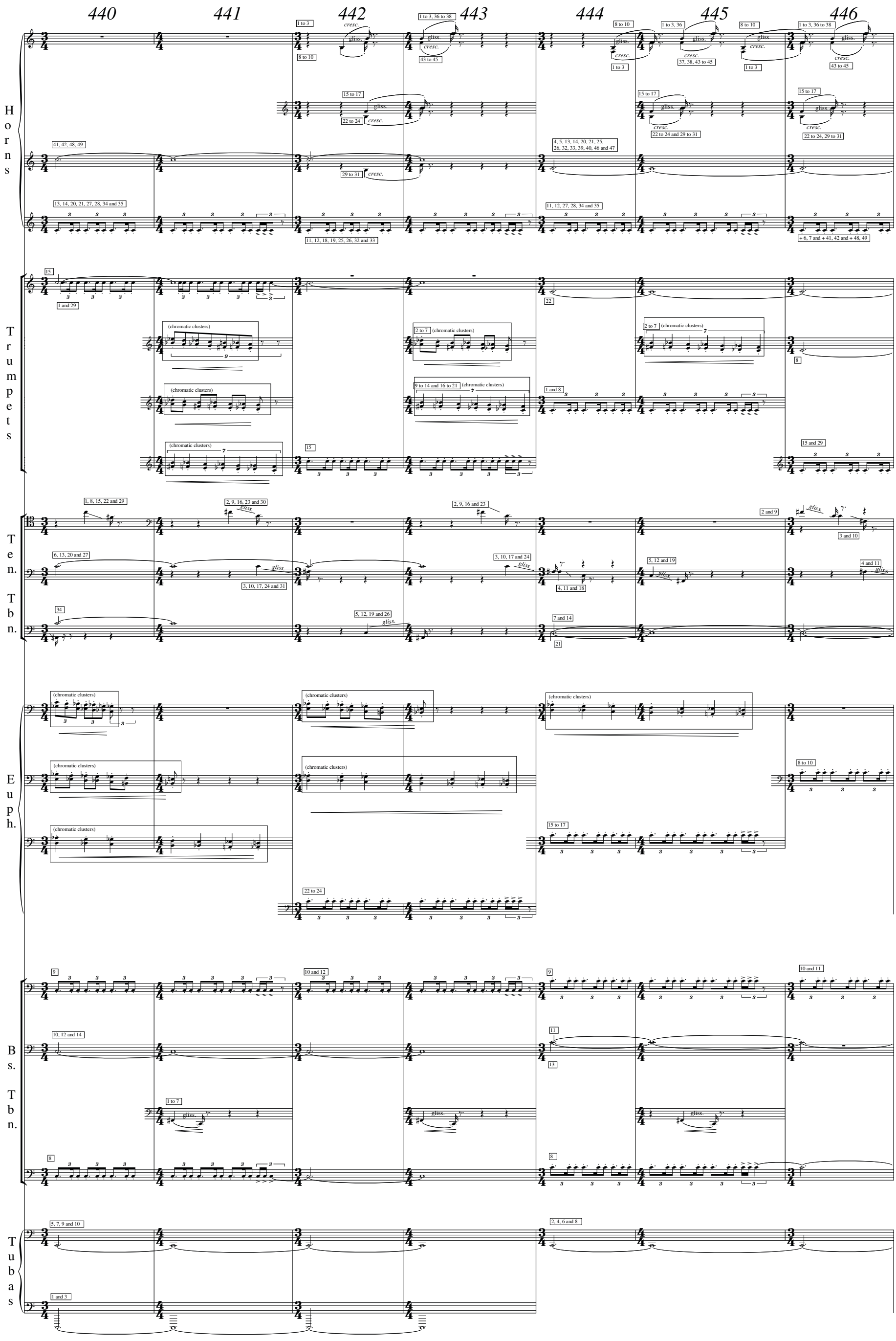
1 to 7
8 to 14
15 to 21
22 to 28
(chromatic clusters)

Bs. Tbn.

8 and 9
1 and 2
4
6, 9, 11 and 13
4 and 5

Tubas

6, 8, 13 and 15
2, 4, 11 and 18


440
441
442
443
444
445
446
Horns
Trumpets
Ten. Tbn.
Euph.
Bs. Tbn.
Tubas
cresc.
gliss.
(chromatic clusters)

447 448 449 450 451 452 453

Horns

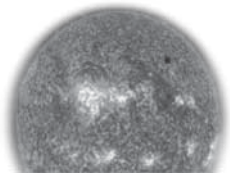
Trumpets

Ten. Tbn.

Euph.

Bs. Tbn.

Tubas



PART 6, INTERPOLATION 5 and 6 ♩ = 77

23 454 455 456 457 458 459 460 461 462 463 464 465 466

Horns

Trumpets

Tenor Tbn.

Euphoniums

Bs. Tbn.

Tubas

PART 6, CALL 5: ***Faster*** ♩ **=** ***84***

24 467 468 469 470 471 472 473 474 475 476 477

Horns

hrns. 1 to 7 · 8 to 14 · 15 to 21 · 22 to 28 · 29 to 35 · 36 to 42 · 43 to 49

Trumpets

trpts. 1 to 7 · 8 to 14 · 15 to 21 · 22 to 28 · 29 to 35

Ten. Tbn.

ten. tbn. 1 to 7 · 8 to 14 · 15 to 21 · 22 to 28 · 29 to 35 · 36 to 42

Euph.

euph. 1 to 7 · 8 to 14 · 15 to 21 · 22 to 28

Bs. Tbn.

bs. tbn. 1 to 7 · 8 to 14

Tubas

tuba 1 · 2, 4, 6 · 3, 5, 7 · 8 · 9, 11, 13 · 10, 12, 14 · 15 and 16 · 15 · 16, 18, 20 · 17, 19, 21 · 1 and 2 · + 3 · + 4 · 8 and 9 · + 10 · 15 and 16 · + 17

478 479 480 481 482 483 484 485 486 487 488 489

Horns

hrns. 1, 8, 15, 22, 29, 36 and 43

Trumpets

trpts. 1, 8, 15, 22 and 29
trpts. 2, 9, 16, 23 and 30
trpts. 3, 10, 17, 24 and 31
trpts. 4, 11, 18, 25 and 32
trpts. 5, 12, 19, 26 and 33
trpts. 6, 13, 20, 27 and 34

Ten. Tbn.

1, 8, 15, 22, 29 and 36
2, 9, 16, 23, 30 and 37
3, 10, 17, 24, 31 and 38
4, 11, 18, 25, 32 and 39
5, 12, 19, 26, 33 and 40
6, 13, 20, 27, 34 and 41
7, 14, 21, 28, 35 and 42
ten. tbn. 1 to 3, 8 to 10, 15 to 17, 22 to 24, 29 to 31 and 36 to 38

Euph.

euph. 1, 8, 15, 22
2, 9, 16, 23
3, 10, 17, 24
4, 11, 18, 25
5, 12, 19, 26
6, 13, 20, 27
euph. 7, 14, 21, 28

Bs. Tbn.

bs. tbn. 1 and 8
2 and 9
3 and 10
4 and 11
5 and 12
6 and 13
7 and 14

Tubas

[Tubas]

1
f cresc.
2 to 4
f cresc.
2 to 7
5 to 7
8 to 14
15 to 21
+ 5
+ 6 and 7
+ 11
+ 12
+ 13 and 14
+ 18
+ 19
+ 20
+ 21

490 491 492 493 494 495 496 497 498 499 500

Horns

[Trumpets]

Trumpets

trpts. 1, 8 and 15
2, 4, 9, 11, 16 and 18
3, 5, 10, 12, 17 and 19
6, 13 and 20
7, 14 and 21

Ten. Tbn.

4, 11, 18, 25, 32 and 39
5, 12, 19, 26, 33 and 40
6, 13, 20, 27, 34 and 41
7, 14, 21, 28, 35 and 42

[Euphoniums]

Euph.

euph. 1, 8, 15 and 22
2, 4, 9, 11, 16, 18, 23 and 25
3, 5, 10, 12, 17, 19, 24 and 36
6, 13, 20 and 27
7, 14, 21 and 28

[Bass trombones]

Bs. Tbn.

bs. tbn. 1 and 14
2, 4, 9 and 11
5 and 12
6 and 13
7 and 14

Tubas

1, 8 and 15
2 and 3
4 to 6
7, 9 and 10
11 to 13
14
15 to 21
16 to 21
1 and 8
2 and 9
3, 4, 10 and 11

501 502 503 504 505 506 507 508 509 510

Horns

[Horns]

horn 1, 8, 15, 22, 29, 36 and 43

2, 4, 9, 11, 16, 18, 23, 25, 30, 32, 37, 39, 44 and 46

3, 10, 17, 24, 31, 38 and 45

5, 12, 19, 26, 33, 40 and 47

6, 13, 20, 27, 34, 41 and 48

7, 14, 21, 28, 35, 42 and 49

Trumpets

[Trumpets]

1

11 to 14, 16 to 19, 27, 28, 30 to 34

2, 8, 15, 22 and 29

2, 8, 15 and 22

2, 8 and 15

2 and 8

legato

35

3 and 4

6 and 7, 9 and 10

11 to 14

16 to 18

20 to 23

24 to 26

27, 28

30, 31

32, 33

34

Ten. Tbn.

[Tenor trombones]

tnr. tbn. 1, 8 and 15

3, 5, 10, 12, 17 and 19

2, 4, 9, 11, 16 and 18

6, 13 and 20

7, 14 and 21

Bs. Tbn.

[Bass trombones]

b. tbn. 1 and 8

2, 3, 9 and 10

4, 5, 11 and 12

6, 7, 13 and 14

Tubas

[Tubas]

tuba 1 and 8

cresc.

2 to 4 and 9 to 11

cresc.

5 to 7 and 12 to 14

cresc.

tuba 1 and 14

2 to 4

5 to 7

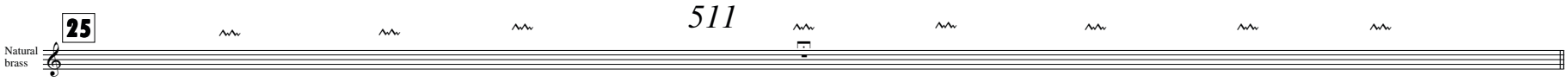
12 to 14

16 to 18

19 to 21

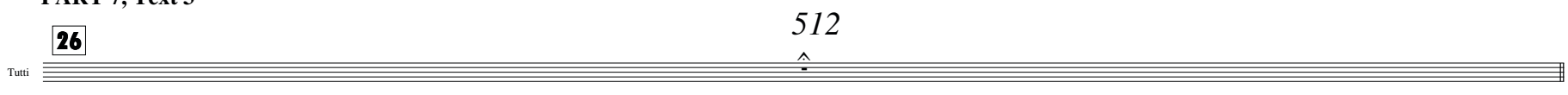
9 to 11

"*Combien de cieux est-il au-dessus de la lune?*"
PART 6, INTERPOLATION 7 Moon eclipse



[Cosmic sounds are heard.
At the same time, the solo alphorn player, horn 1, trumpet 1, tenor trombone 1, euphonium 1, bass trombone 1 and tuba 1 improvise, using only non tempered harmonics.
The intonation of the natural harmonics is not to be corrected to equal temperament.
Other valveless brass instruments may join.]

PART 7, Text 3



Right up until a few years ago, he was still fixing things around the house, including climbing up to the roof to repair a leak or to access some water tank in the house. He never stopped keeping the garden and house in order, until he was 81 or 82 years old.

And then, at some point, he was old and frail and ill. My sisters and I started packing his pills, making sure we knew what the dosage was, making sure we knew what was the prescription required, bringing him down to Singapore to see the doctors here.

We were at the hospital from 8am to 9pm on those visits.

The endocrinologist for the diabetes that was making him unsteady on his feet; the cardiologist for the heart with its old stent; the urologist for his prostate problems; the neurologist for the dizziness; the opthamologist to see Dad's old botched cataract operation; and finally, hours at the end of the day spent waiting for the oncologist, the busiest doctor in a hospital of busy doctors.

He is strong-willed and stoic. He never complains of pain. It's just that in his mind he should be able to walk, or he should be able to climb stairs.

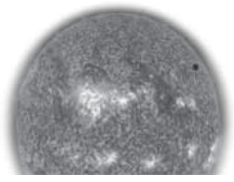
The hard part was probably two, three years ago, when he was really just trying so hard. Trying so hard to make his body do all those things. It is very difficult when you know that the mind says you can do it, but the body is failing and losing muscle mass, losing nerve sensation.

But I try to be grateful that his personality hasn't changed; his mind is still very sharp; he's still very witty, very cheeky.

I still think of him as a very strong man because of the memory of what he was. We will always see him as that person; we know that, inside, he's this person who went into the jungle, and fought the communists during the Emergency; and before that, survived the war, hiding out from the Japanese on Batam as a young lad of 12, looking after the family and trapping wild boar, growing vegetables, and making salt from the South China Sea itself.

Now that he lives with my sister, for the first time he has beautiful hands and feet and beautifully manicured fingers, nails and toenails; quite unscarred, soft and fair. I've never seen his hands and fingers so unmarked or untouched by the sun or the soil except for the last three years, now that he has stopped working in the garden.

But in his mind, he is still there, amidst the green, pruning and tilling, alone under the day sun, mending fences and rearranging rocks, out under the night sky.



PART 7, The Galilean Moons of Jupiter

27

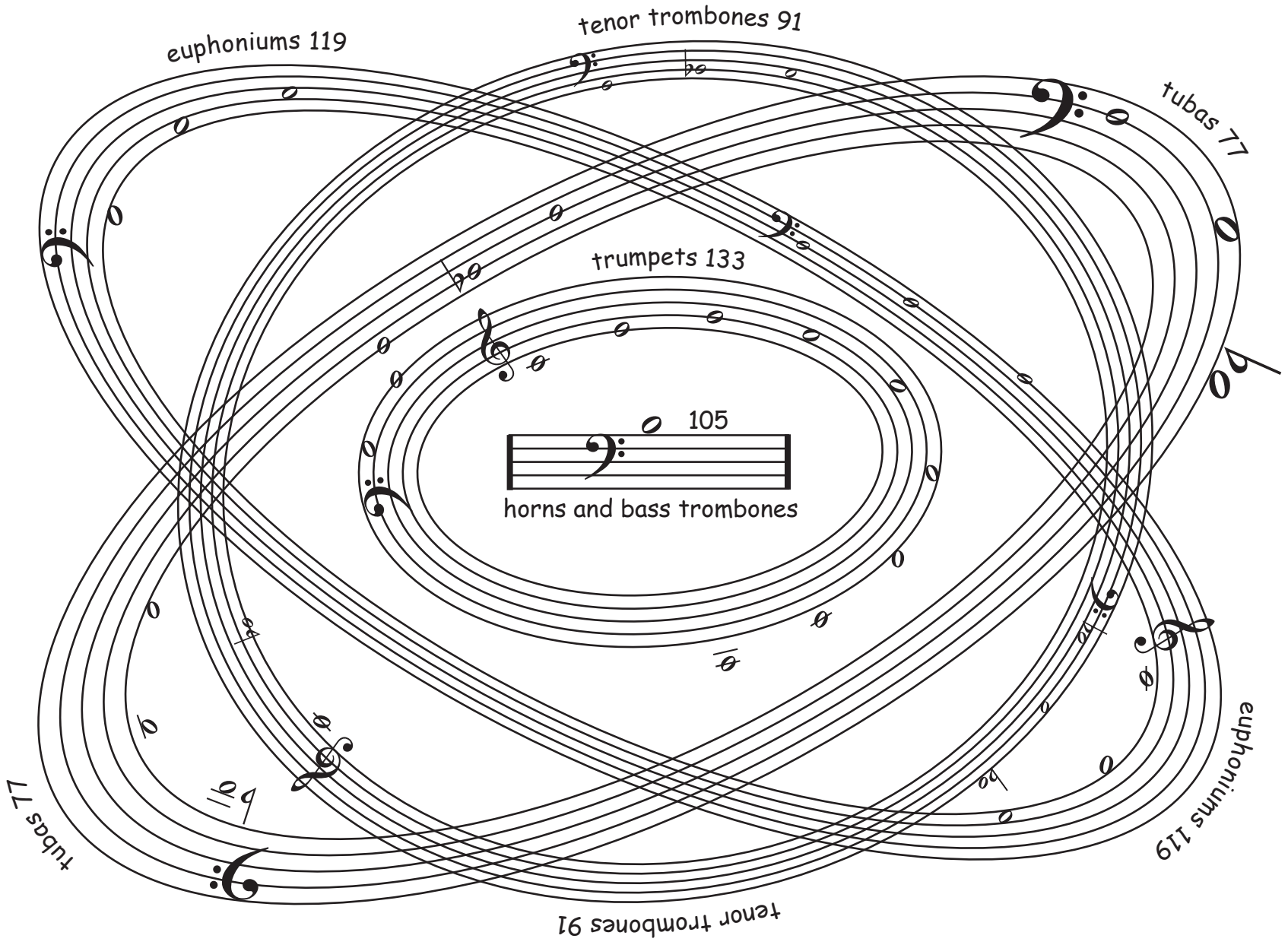
Tutti

[Each instrumental group is orbiting with Jupiter or with one of its Galilean moons.
Each group plays independently from the other groups.
Their durations in part 7 are as following: 180" for the horns, 181" for the tenor trombones, 182" for the bass trombones, 187" for the trumpets, 189" for the euphoniums and 209" for the tubas.

The order of entrances of the groups is left to the discretion of the conductor.
The conductor cues the groups when Jupiter and its Galilean moons appear on the screen.

Alternatively, the leader of each group starts playing when Jupiter and the Galilean moon start moving on the screen.

Each group follows one tempo.
The tempi are as following for a crotchet: 77 for the tubas, 91 for the tenor trombones, 105 for the horns and bass trombones, 119 for the euphoniums and 133 for the trumpets.
The leader of each group uses a silent metronome to determine the tempo with accuracy.
The other players of the group follow the leader's tempo.]



PART 7, The GALILEAN MOONS of JUPITER

Independent non conducted tempo ♩ = 105

You are orbiting with Jupiter, the largest planet of the solar system; the leader sets his/her metronome at ♩ = 105;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 105, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all horn players must follow the tempo of the leader.

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Hrn. 36
Hrn. 37 - 38
Hrn. 39 - 40
Hrn. 41 - 42
Hrn. 43
Hrn. 44 - 45
Hrn. 46 - 47
Hrn. 48 - 49

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Hrn. 46 - 47
Hrn. 48 - 49

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Hm. 44 - 45
Hm. 46 - 47
Hm. 48 - 49

Hrn. 1
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Hrn. 48 - 49

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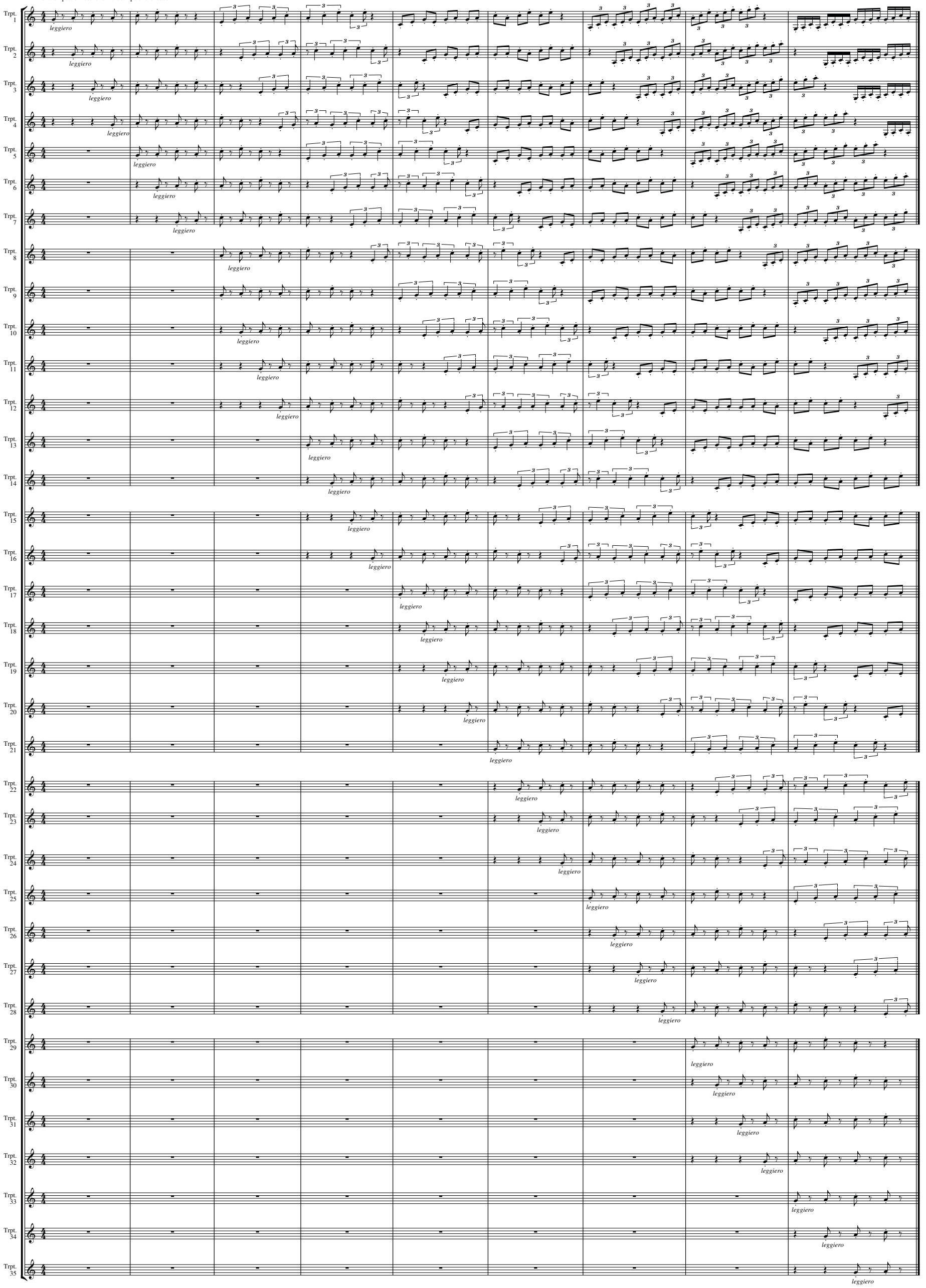
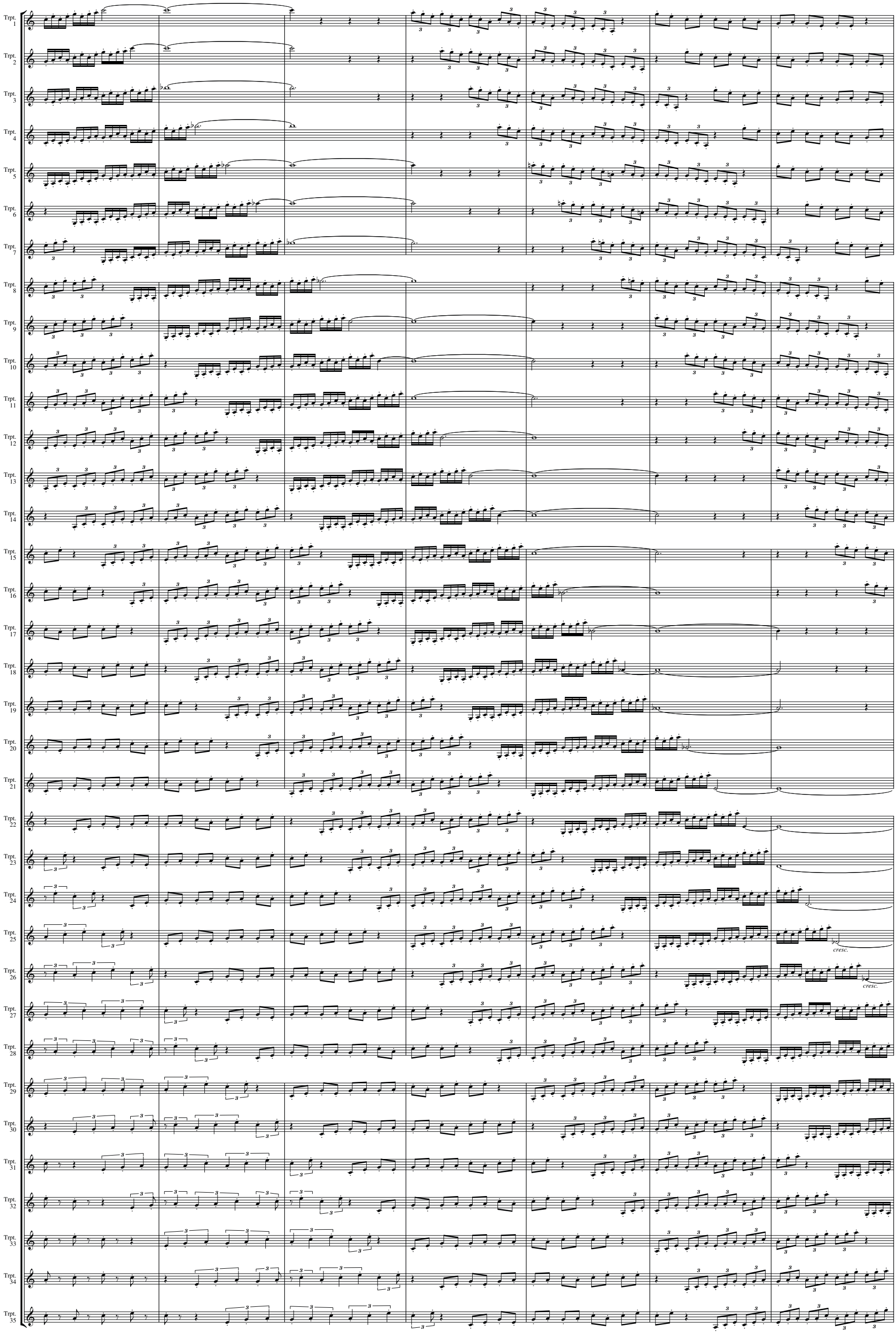
Hrn. 48 - 49

PART 7, The GALILEAN MOONS of JUPITER

27 Independent not conducted tempo ♩ = *133*

You are orbiting with "Io", Jupiter's first moon; the leader sets his/her metronome at ♩ = 133;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 133, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all trumpeters must follow the tempo of the leader.

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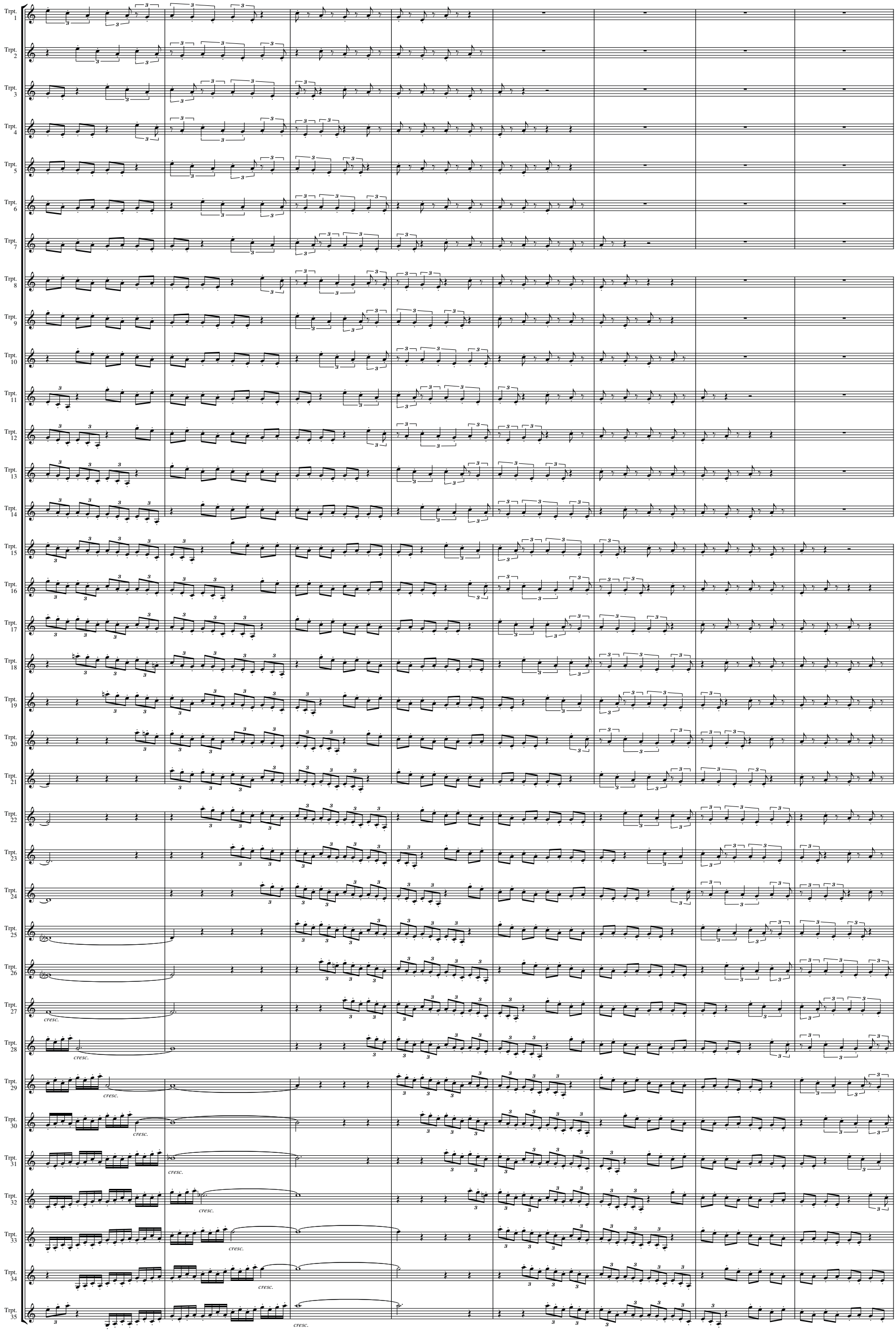
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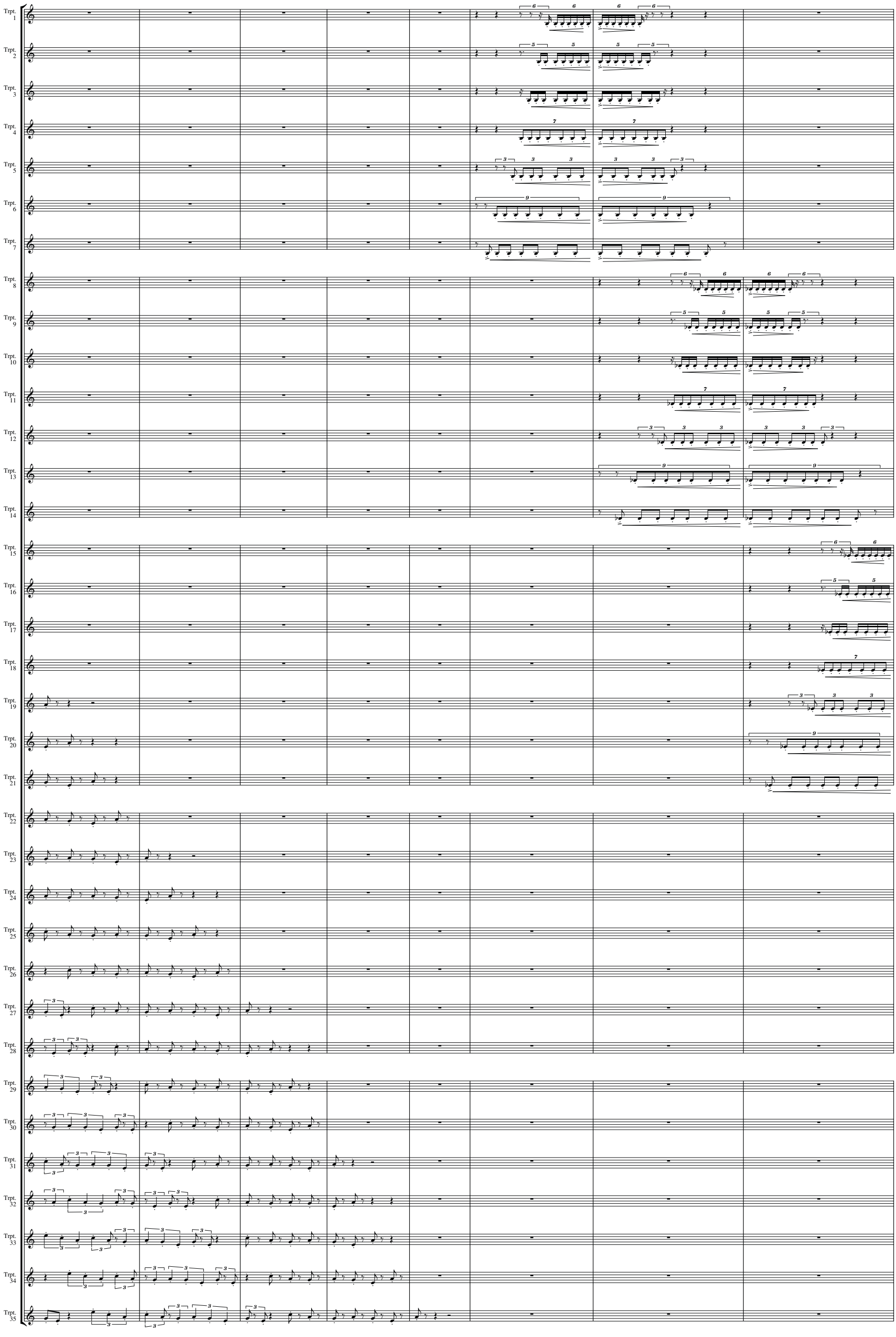
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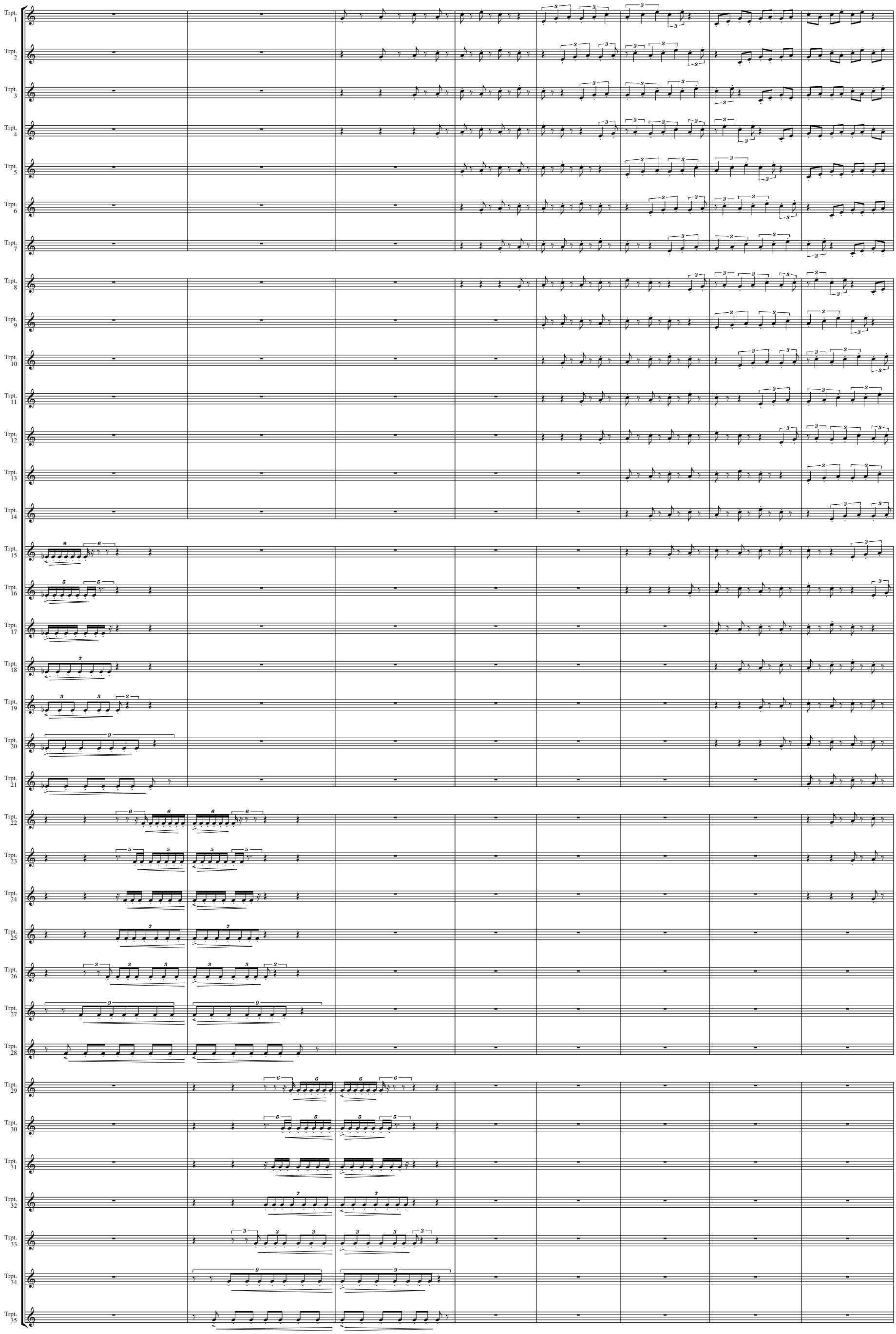
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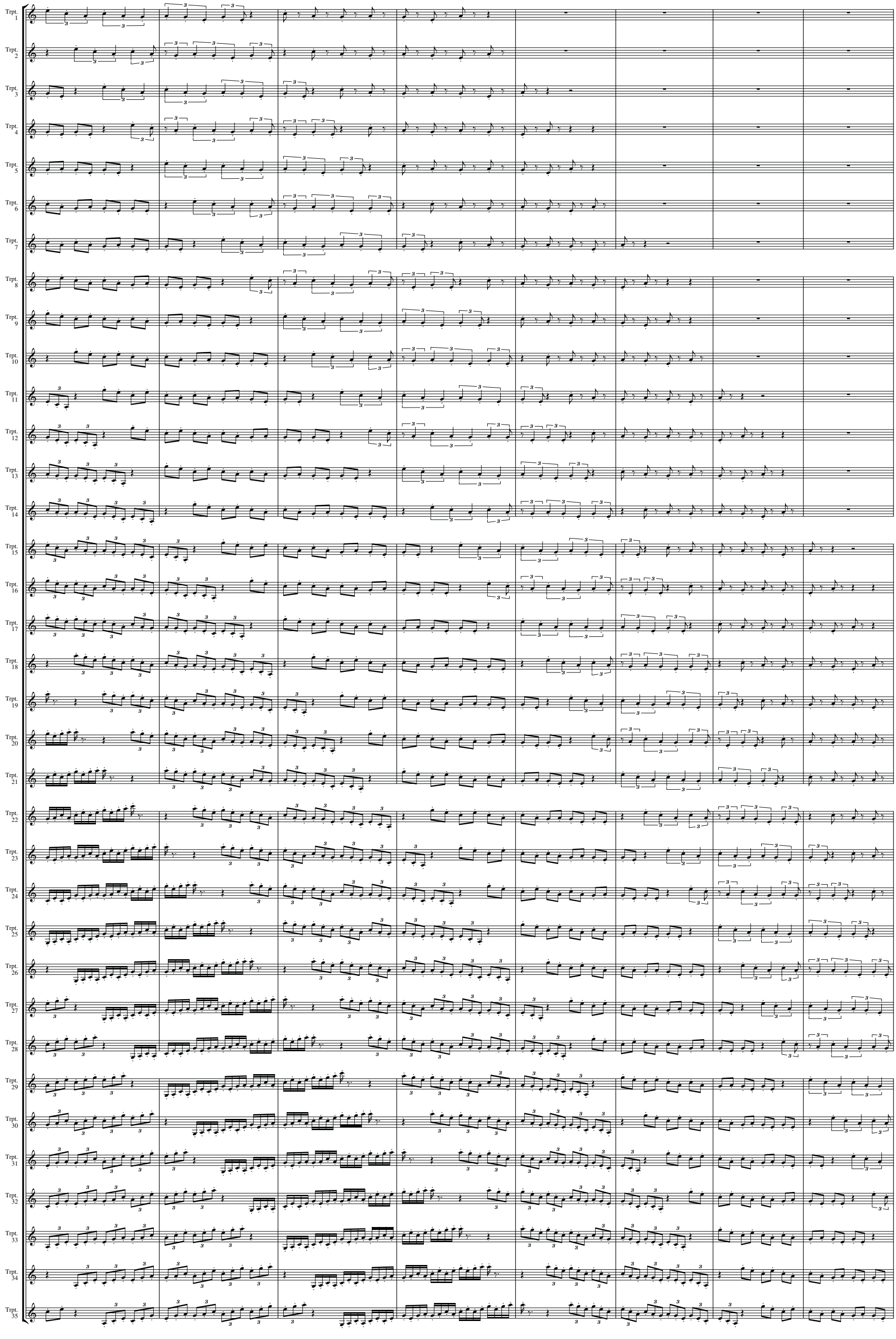
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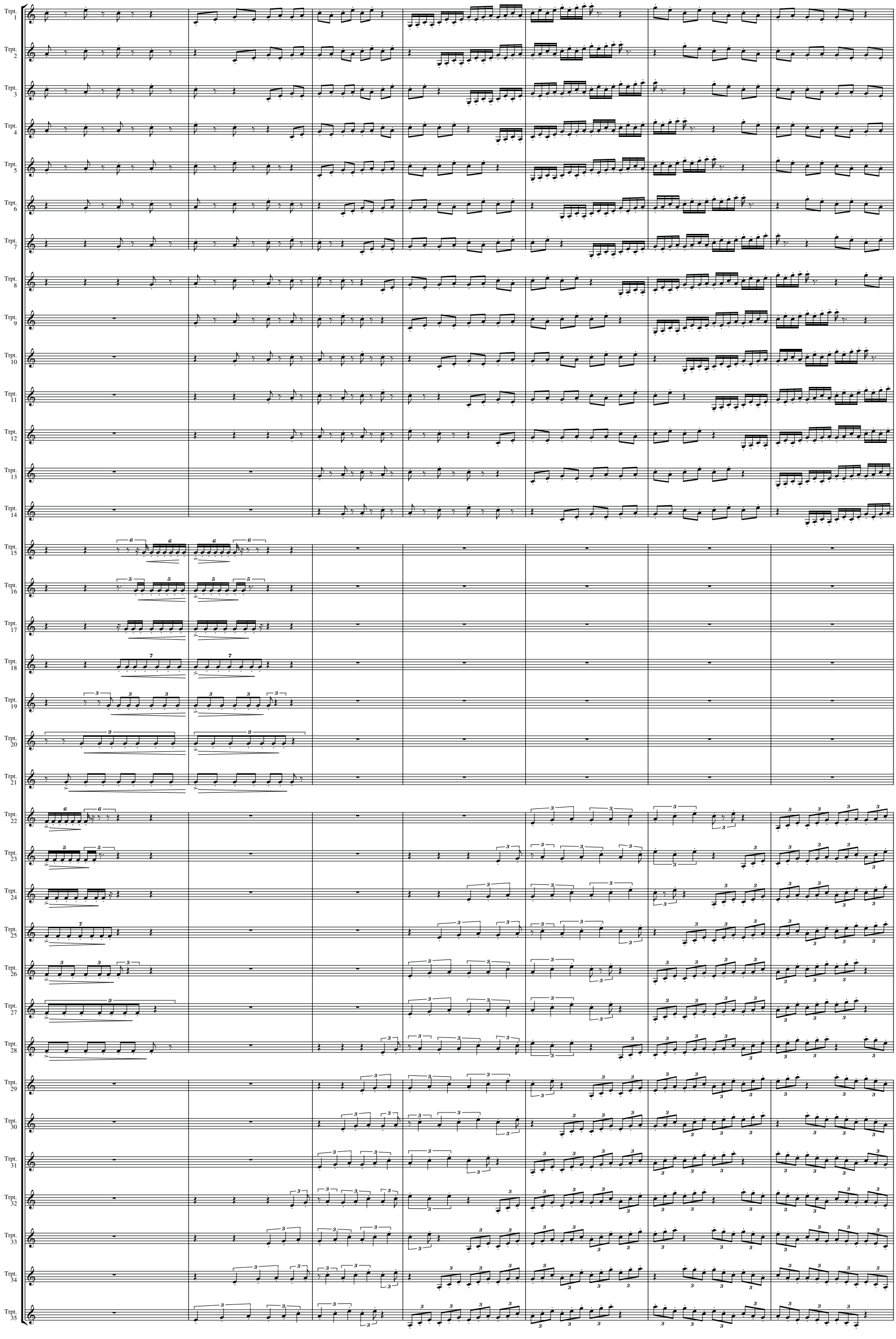
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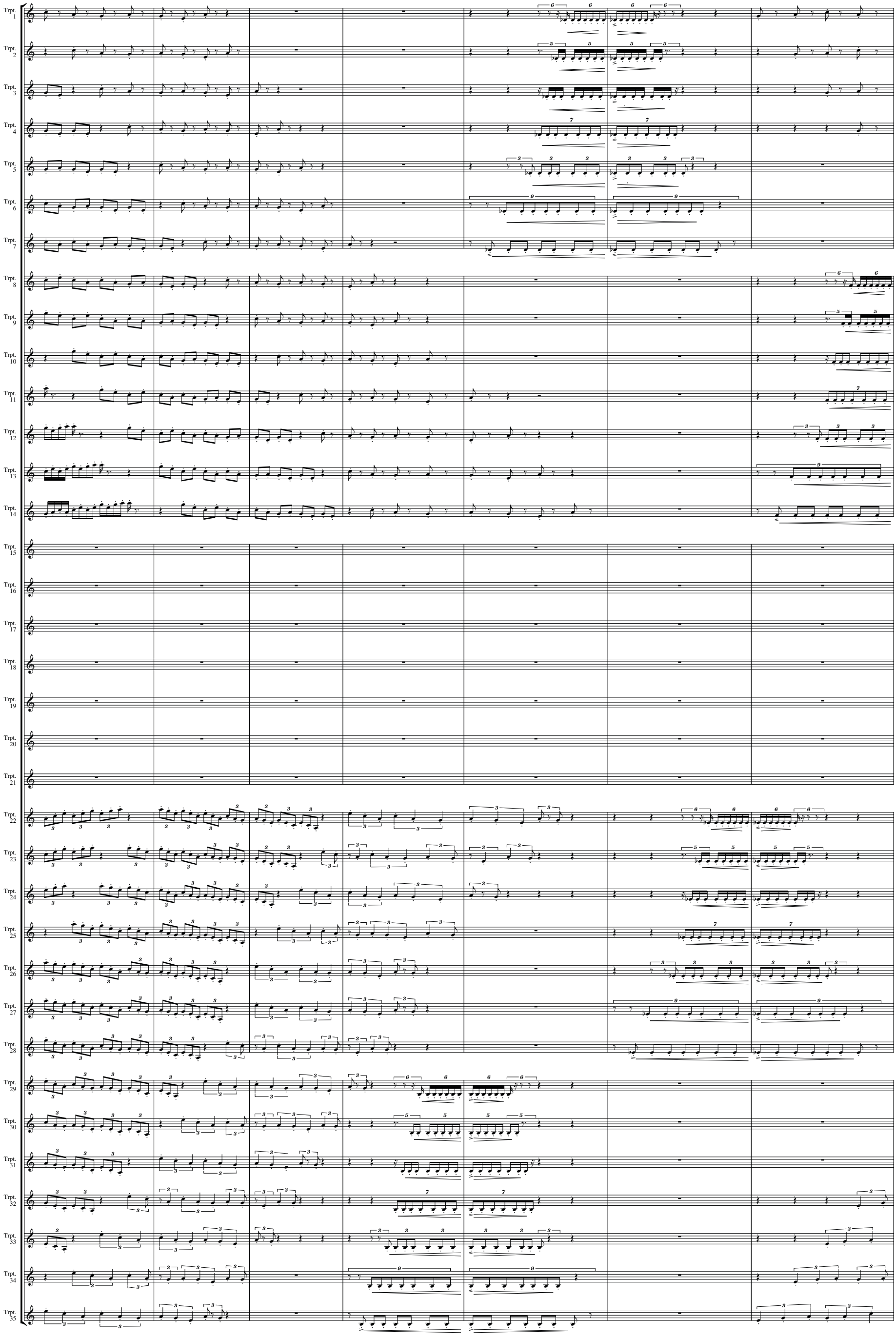
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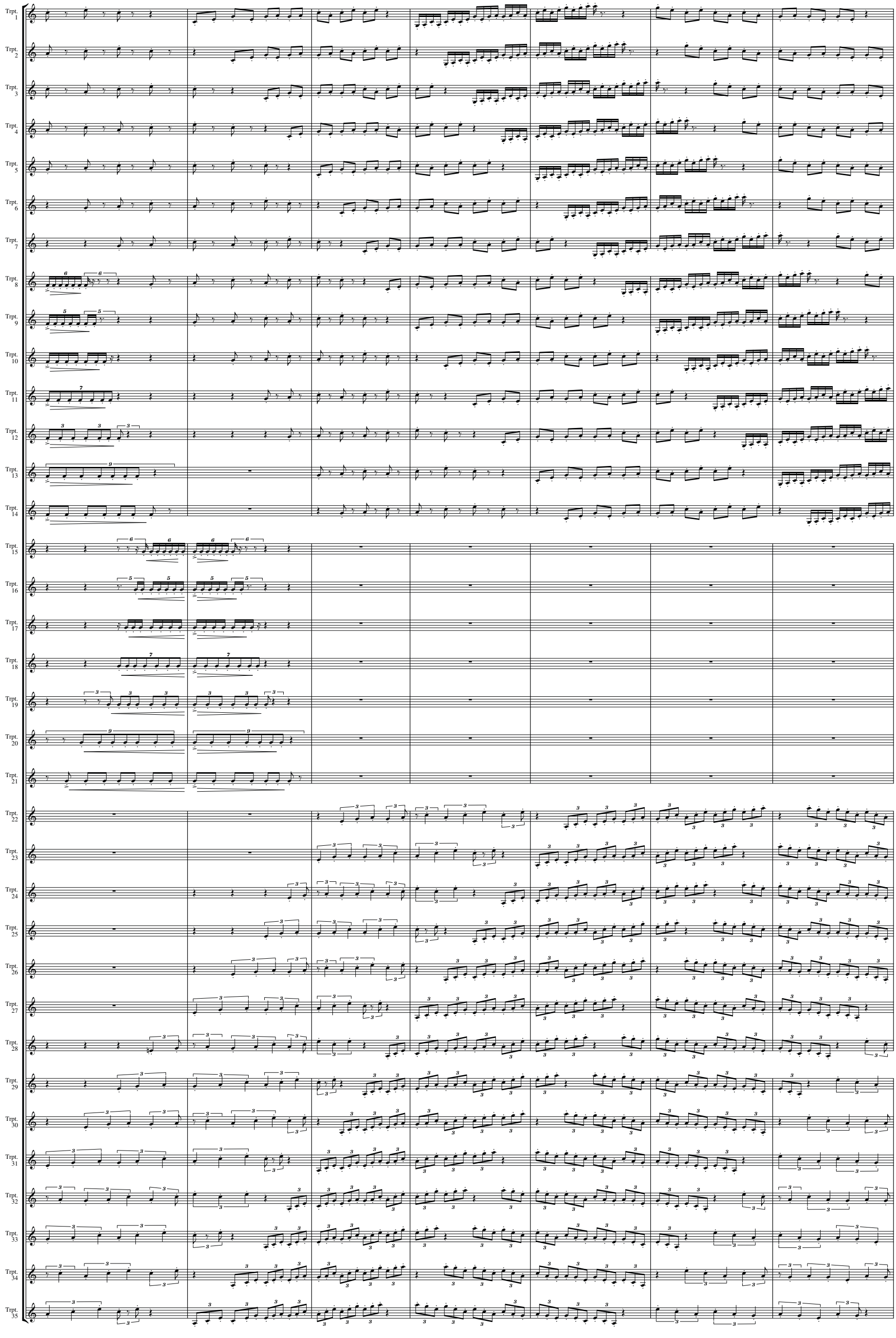
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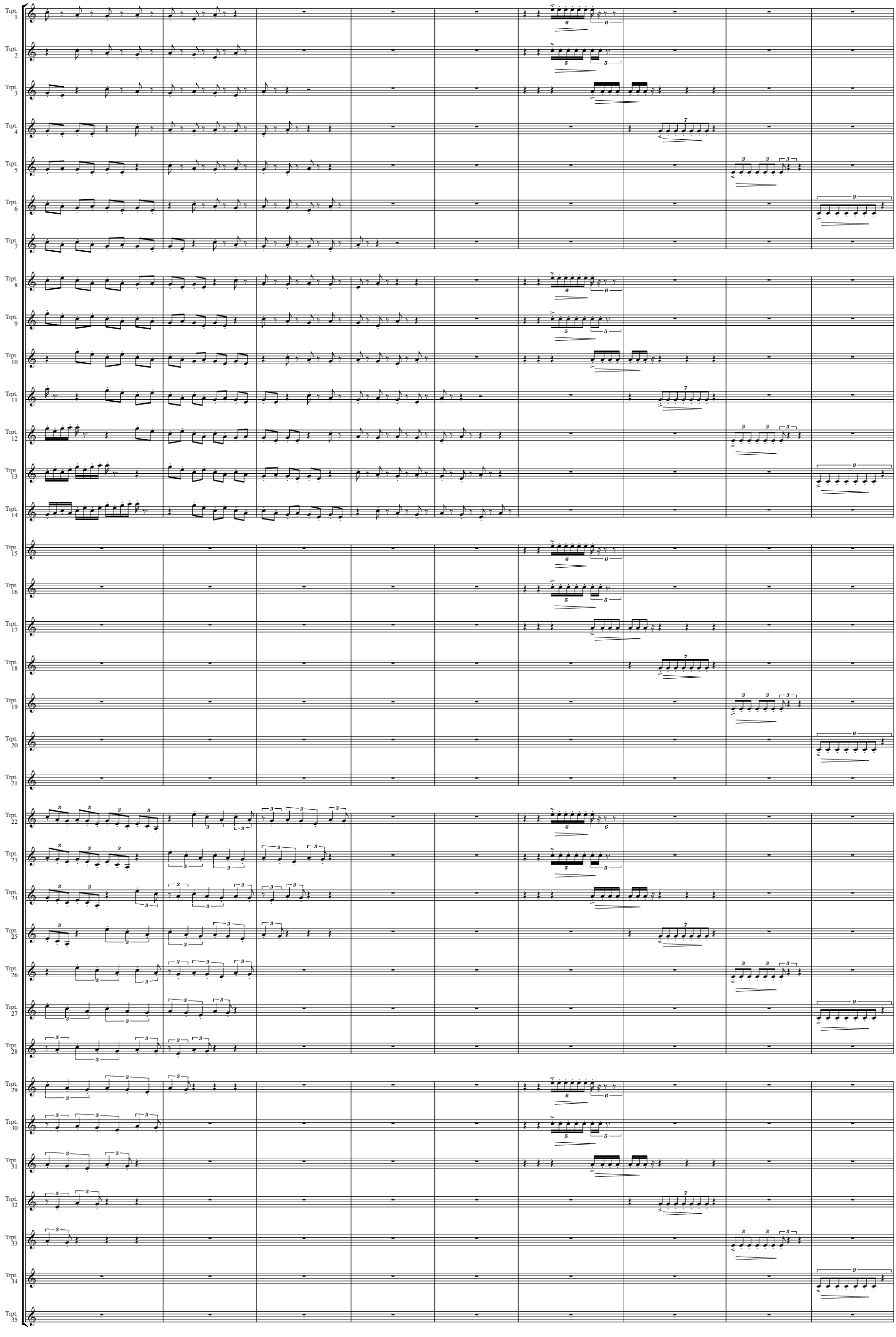
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PART 7, The GALILEAN MOONS of JUPITER

Independent unconducted tempo ♩ = *91*

You are orbiting with "Ganymede", Jupiter's third moon; the leader sets his/her metronome at ♩ = 91;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 91, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all trombone players must follow the tempo of the leader.

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PART 7, The GALILEAN MOONS of JUPITER

Independent not conducted tempo ♩ = 119

27 You are orbiting with "Europa", Jupiter's second moon; the leader sets his/her metronome at ♩ = 119;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 119, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all euphonium players must follow the tempo of the leader.

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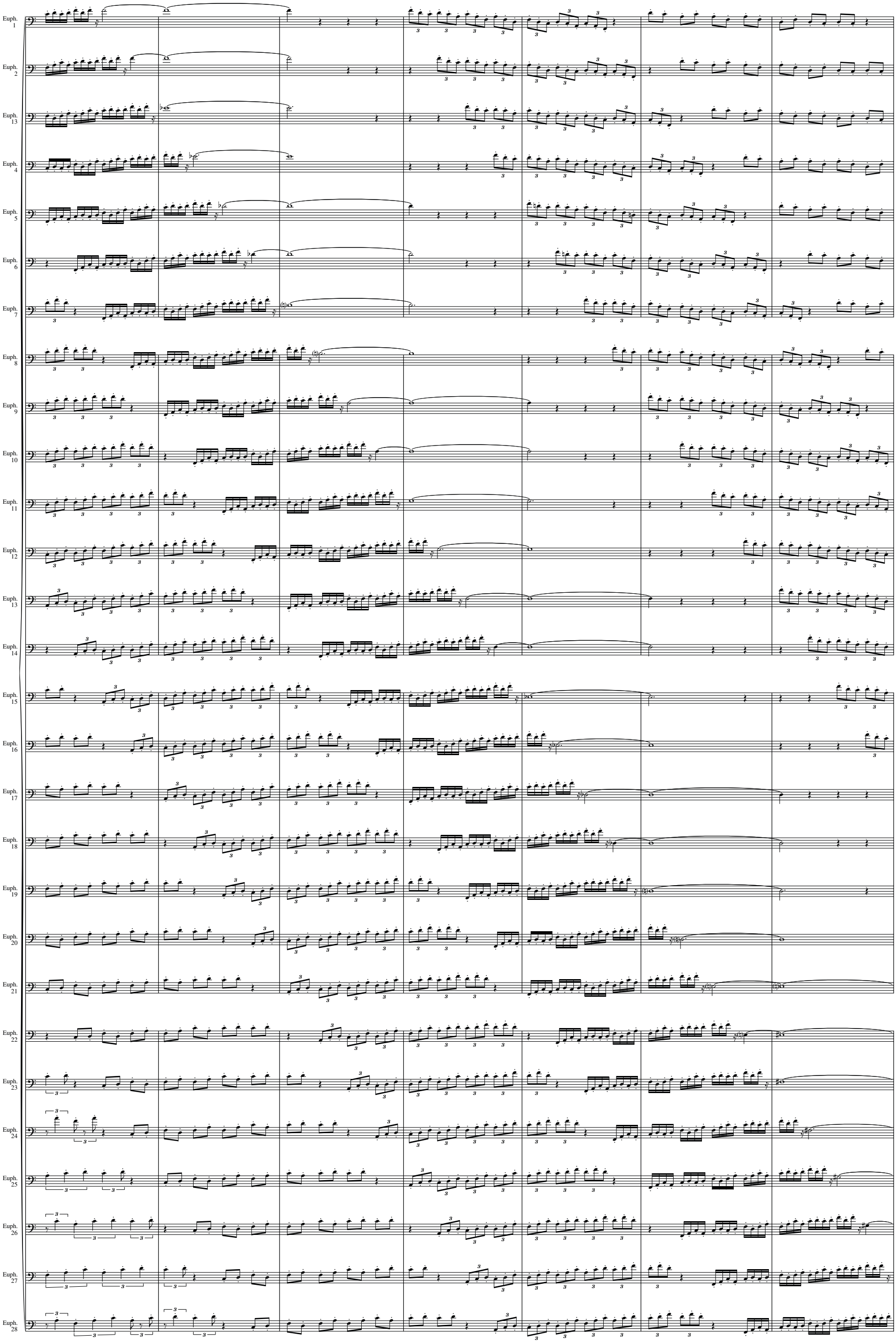
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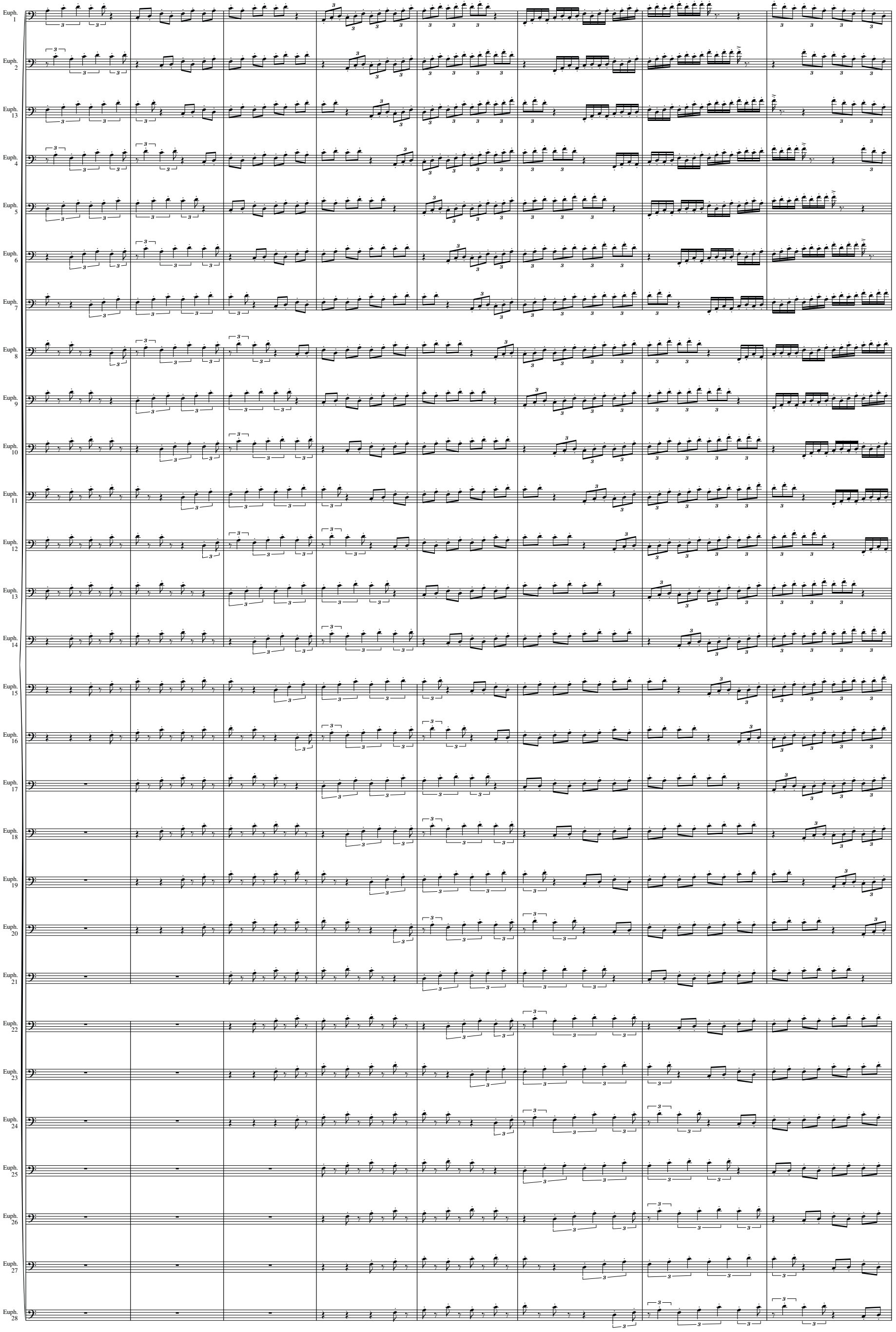
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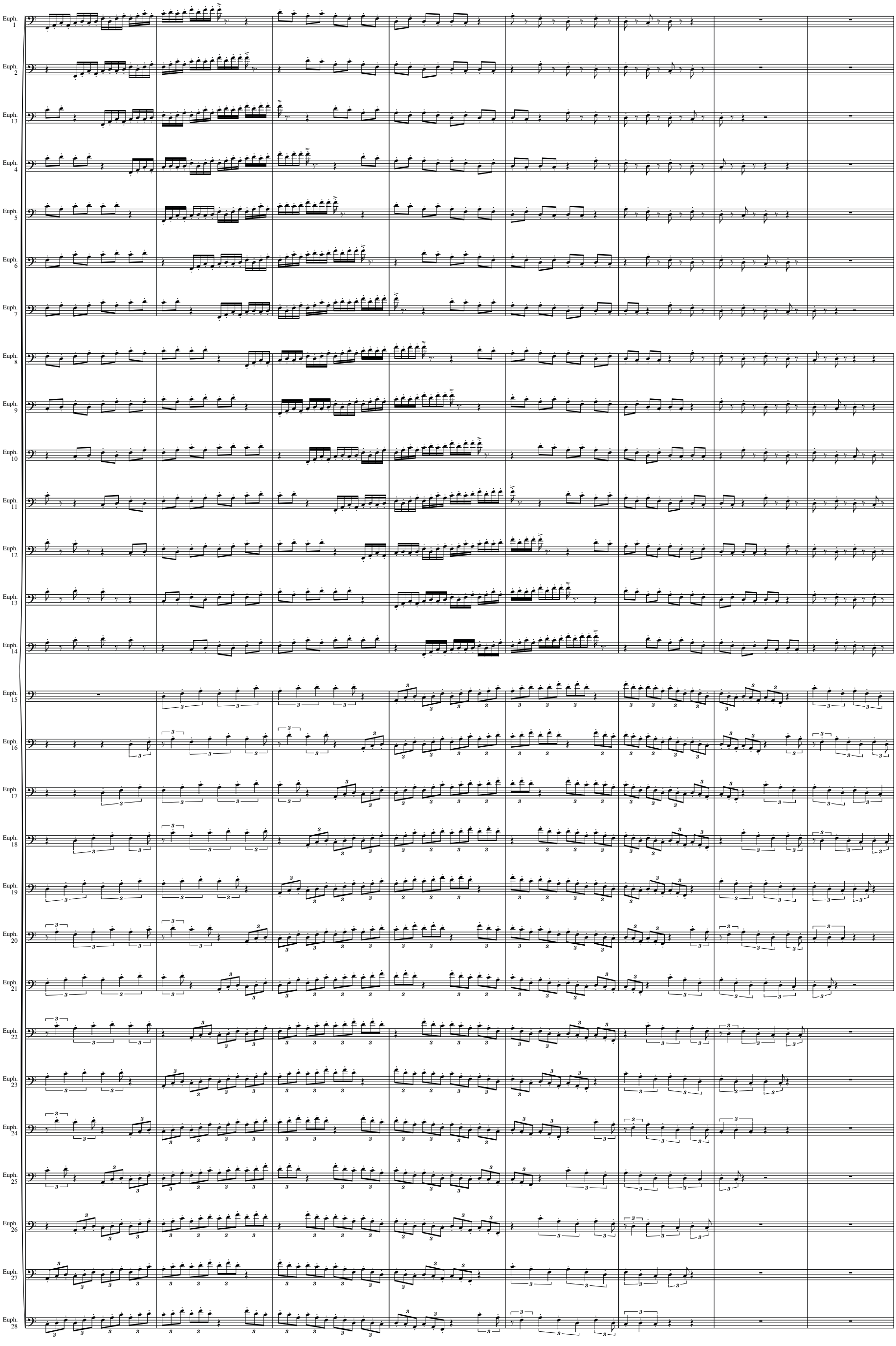
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PART 7, The GALILEAN MOONS of JUPITER

Independent not conducted tempo ♩ = 77

You are orbiting with "Callisto", Jupiter's fourth moon; the leader sets his/her metronome at ♩ = 77;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 77, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all tuba players must follow the tempo of the leader.

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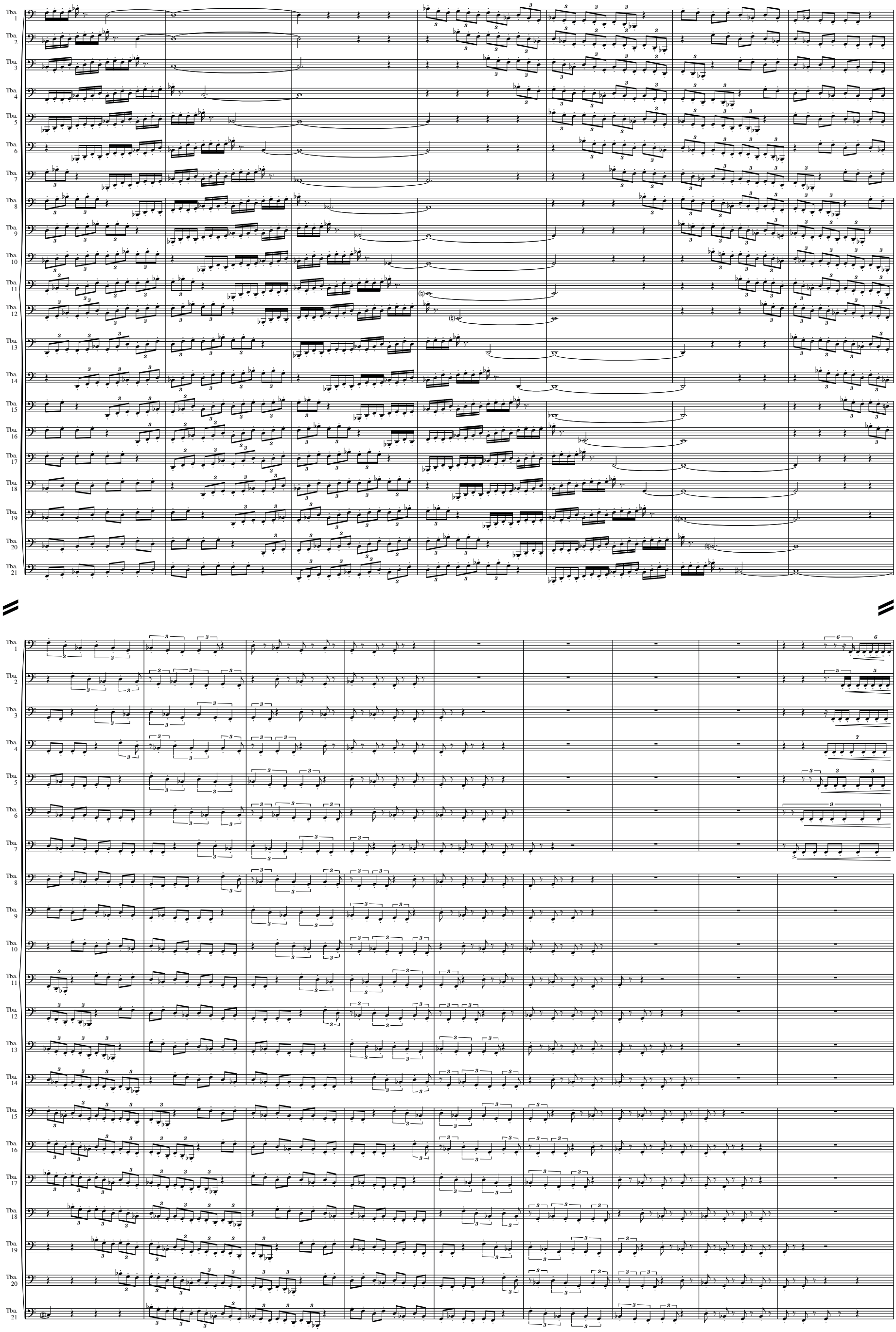
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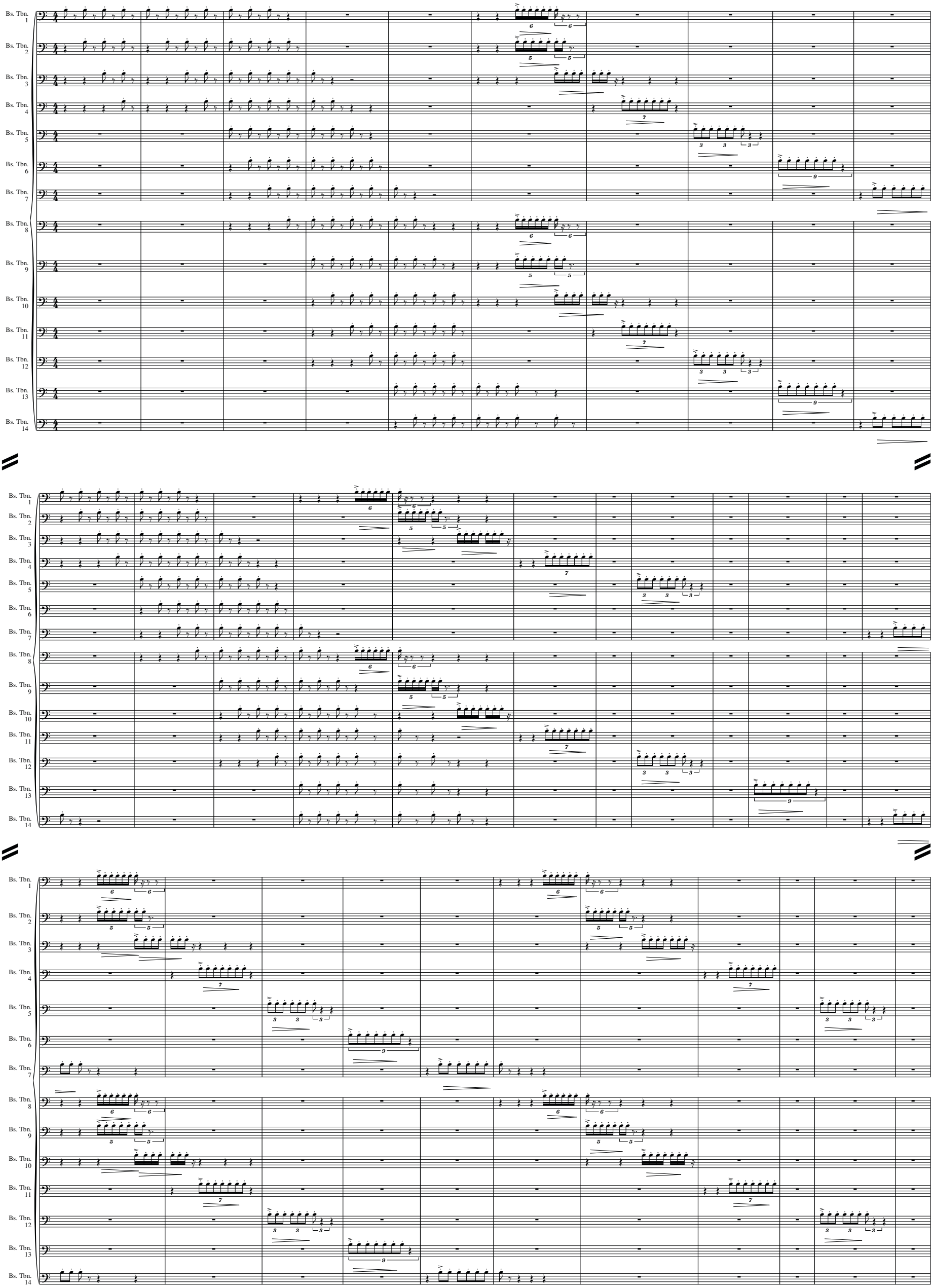
PART 7, The GALILEAN MOONS of JUPITER

Independent not conducted tempo ♩ = *105*

27

You are orbiting with Jupiter, the largest planet of the solar system; the leader sets his/her metronome at ♩ = 105;
when Jupiter and its Galilean moons appear on the screen, the leader starts playing exactly at ♩ = 105, as the other groups orbit at a different speed (hence, no bar numbers in this full score);
all bass trombone players must follow the tempo of the leader.



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