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DISCLAIMER/WARNING/CAUTION!!!

WHAT IS THIS BOOK?

IT WOULD SEEM THAT SOME THINGS ARE MISSING...

NAME THAT CHORD

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TRIADS:	Close & Spread	6 Cycles	C Melodic Minor
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SPREAD CLUSTER:	6 Voicing Types	6 Cycles	C Melodic Minor
SPREAD CLUSTER:	6 Voicing Types	6 Cycles	C Harmonic Minor

DISCLAIMER/WARNING/CAUTION!!!

Please be advised that the author and publisher take no responsibility whatsoever for any (and all) accidental and inadvertent self-inflicted injuries that may occur from exploring the material in this book. (This is especially relevant in regard to the left hand fingers, wrist, forearm, shoulder, muscles, tendons, bones, cartilage, nerves, etc., et al.)

Any guitarist who works with this book is going to be exposed to literally hundreds of chords that involve stretches and fingering configurations that will be totally new and unfamiliar. Be particularly cautious with **descending** voice-leading that move **down** the fingerboard. With each new descending chord, the distance between the frets gradually increases.

Each (and every) guitarist must continuously monitor the sensations they perceive in their left (fingering) hand. Error on the side of being overly careful. "No pain—is the way to go." Perhaps it would be even better to put it this way: "Not even the slightest hint of any discomfort—is the way to go."

The problem lies with the fact that a large percentage of this material is going to be new to pretty much every guitarist who begins to work with it. When guitarists get a chance to play a whole bunch of stuff that is not only new to them, but also has a uniquely different and compelling sound to it, there is a tendency to want to overdo it. All these new sounds can have an almost narcotic-like effect. The ear perks up; the mind comes into sharp focus; the emotions begin to soar; the imagination begins to project a future when you'll be able to **use** all this great stuff to completely blow people away(!)...all at the expense of your left hand which, at this point, starts to feel like it's just been run over by a truck.

You just got caught up in "seduction by novelty." You stopped monitoring the sensations in your left (fingering) hand. You did too much. You over-extended your physical limits. You over-stretched. You had a nice ride, for sure. But now you'll have to pay the price for days, weeks, possibly months. (Believe me, I'm not exaggerating!) In some cases, the damage could involve **years** of recovery time. Occasionally, it could cause damage **beyond** recovery time. The word for that is "permanent." The phrase in sports terminology is "career-ending."

Think about it —Picture yourself with permanent damage—Now what?

Q: Mr. Goodchord, are you trying to scare us?

A: You got that right!

You must exercise your sensitivity, your intelligence, your caution and your good judgement. No one else can do this for you. Only you can. And when you do, there should be **no problem**.

You have been WARNED! (Please take good care of your hands!) Some suggestions and tentative guidelines/restrictions will follow a bit later.

“WHAT IS THIS BOOK?”

This is a guitar sourcebook. It was written with an eye to the future of the next several generations of guitarists. It aims at anticipating certain “needs” shared by all guitarists; those who are now old, middle-aged, young and those who are as yet unborn. It consists of material derived from principles that are surprisingly simple and straightforward, but that imply potentials that are completely mind-blowing.

The scope and range of the material in this book (and several more that will follow, soon enough), could easily overwhelm any single guitarist who begins to work with it. That’s totally O.K. Be overwhelmed! (It’s good for you!) Just to give you an idea of how much material there is, (in Volumes I & II combined) I’ll relate this incident:

I recently went to Anaheim, CA to do a presentation at the I.A.J.E. (International Association of Jazz Educators) for Berklee College of Music (where I currently teach) regarding this material. I had prepared a home-recorded CD for demonstration purposes. In order to save myself time with the recording, I did it as a guitar quartet as opposed to playing all the 4-part chords at one time by myself. The CD contained 30 examples in C Major, 30 examples in C Melodic Minor, and 30 examples in C Harmonic Minor. They included all five chord-families in all 6 cycles through what I call the “short form,” (7 different chords resolving to the next inversion of the first chord) but using only 1 of 6 possible voicing types. The 90 examples totaled about 18 minutes. It represented about 4.8% of the whole thing! (Without even considering the triads and the 3-part 4ths!) We’re talking **HUGE** here!

There is no need for any single guitarist to learn all this. Frankly, I think that it’s not only impossible but, more importantly, unnecessary. (Hopefully, all of this will become obvious after working with the material for 6 months to 1 year.)

This is a book about voice-leading. It’s a book about chords. It’s a book about using simple mathematical ways of coming up with **all** the possibilities within certain pre-determined and limited (although still enormous) parameters. (That’s correct...**ALL!**)

It’s a book about a number of other things as well. Some of them are difficult (if not impossible) to put into words...Some others are easily described:

- Better knowledge of the fingerboard
- Better knowledge of Major, Melodic Minor, and Harmonic Minor scales (both melodically and harmonically)
- Better knowledge of counterpoint
- Better knowledge of using open strings with other, fretted notes
- Increased ability to move 2, 3, 4 (and possibly 5) voices more or less independently
- Increased comping skills
- Increased compositional skills
- Increased improvisational skills
- Increased teaching skills
- Increased humility

This is also the ultimate do-it-yourself book. How so? **READ ON!**

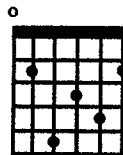
"IT WOULD SEEM THAT SOME THINGS ARE MISSING..."

Correct. Much is missing. In fact, almost everything that one would deem important is missing! Let me list a few:

Things that are missing in this book:

- Detailed instructions on what to do
 - Fingerings
 - Position markers
 - Alternate fingerings
 - Open string indicators
 - Tempos
 - Dynamics
 - Articulations
 - Time signatures
 - Rhythm
 - String sets
 - Tablature
 - Written musical notation
- This type of guitar info:

(I don't even know what it's called!)



(in spite of that, check out this chord.

It's called "the despair chord!" $\frac{E^b M}{EM}$

It lives in the Harmonic Major Scale...
Sorry, I couldn't resist!)

What is not in this book is as deliberately omitted as what is included. A few examples:

- Written musical notation is not used because not all guitarists can read
- Tablature is not used for the same reason, plus the fact that it's "too fingering specific" for our purposes
- Consequently, any guitarist (and all guitarists) who at least **know where the notes are on the instrument** can use this book
- Pretty much all of the other "omissions" occur so that you, the individual guitarist, have the unimpeded, uninfluenced, unprecedented and (probably) unwanted opportunity to **figure it all out by yourself!** (Thus, the ultimate do-it-yourself book.)

The less that is explained, the more you have to do. (**Get to do!**) What you learn, and what that will lead to, is your own business, your own discovery, your own musical vision, your own musical direction, your own musical individuality. Ten different guitarists who work with this material for at least one and hopefully two years, will come up with ten totally different musical realities! (I've already seen it happen, in that a very small number of my students over the last 4 or 5 years have been working with "just a bit" of all this material for a while. Each and every one of them has come up with something different!)

The main thing for me, is the "discovery" part of it. I was really lucky. I discovered it by myself. (In retrospect, given all my musical education, great teachers, and great musical influences, I had a tremendous amount of help and preparative skill-training!) I don't want to take away those experiences from any one guitarist (or all guitarists) by trying to explain too much.

“NAME THAT CHORD”

Volume I consists of triads, 7th chords, triad over bass note I and triad over bass note II (TBN I, TBN II). Triads are 3-part chords. The other 3 voicings are 4-part chords. Triads have simple, standardized names. No problem. 7th chords also have fairly simple and standardized names. Also, not a problem. However, TBN I and TBN II chords have more complex and much less standardized names. The problem involves the fact that the name is only accurate 25% of the time, (when the bass note is actually the lowest note of the voicing.) The other 75% of the time (the other 3 inversions), the so-called bass-note is in the soprano (top), alto (2nd from the top), or tenor (3rd from the top) voice. Consequently, the names for TBN I and TBN II structures are less than completely satisfactory. (One could certainly make a case for the argument that, for example, Am/D could just as easily have been called Am add D or Am add 4.) The chords are what they are regardless of what they're called. As long as our approach to the naming process is consistent (and I believe it is), I think we'll be O.K. We'll just have to proceed as best we can. (Besides, the chords couldn't care less what we call them!)

Q: What is the difference between TBN I and TBN II?

A: You could think of it this way: Even the 7th chords could be thought of (or named) as some kind of triad over bass note. For example, Cmaj7 could be viewed as Em/C or even C/B in terms of arriving at the 4 different notes in the structure. However, as was mentioned earlier, since the 7th chords terminology is more consistent and standardized, we'll go with that. We could think of TBN I and TBN II as being built up in thirds from the 7th chord. For example, where Em/C is Cmaj7; moving the triad (Em) up a diatonic third produces G/C, or TBN I. Moving the triad up a third again produces B^o/C, or TBN II. Another way to think of it: In TBN I, the relationship of the triad to the bass note is a diatonic 5th; in TBN II, , the relationship of the triad to the bass note is a diatonic 7th. I hope that clarifies it for you.

Q: What are cycles? Why use them?

A: Cycles are ways of moving through a scale. Cycles can be melodic or harmonic. We're dealing with the **harmonic** aspect. Since we're exploring 3 different 7-note scales, (Major, Melodic Minor, Harmonic Minor) it turns out that there are 6 diatonic cycles. For purposes of consistency, I've named all 6 cycles by **ascending** diatonic intervals.

- Cycle 2—ascending a diatonic 2nd, (i.e., CM7, Dm7, Em7, etc.)
- Cycle 4—ascending a diatonic 4th, (i.e., CM7, FM7, Bm7(b5), etc.)
- Cycle 6—ascending a diatonic 6th, (i.e., CM7, Am7, FM7, etc.)
or descending a diatonic 3rd, (easier)
- Cycle 7—ascending a diatonic 7th, (i.e., CM7, Bm7(b5), Am7, etc.)
or descending a diatonic 2nd, (easier)
- Cycle 5—ascending a diatonic 5th, (i.e., CM7, G7, Dm7, etc.)
or descending a diatonic 4th, (easier)
- Cycle 3—ascending a diatonic 3rd, (i.e., CM7, Em7, G7, etc.)

Cycles 2 and 7 are the same in opposite directions
 Cycles 4 and 5 are the same in opposite directions
 Cycles 6 and 3 are the same in opposite directions

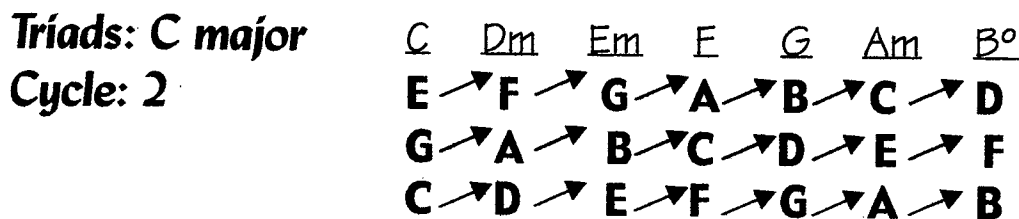
*Note that what most of the musical world calls cycle 5, we will be calling cycle 4. (Sorry about that!)

The reason we use the cycles is because they cover all diatonic possibilities. There are no other ways of moving diatonically (within a 7-note scale) that are not included in the 6 cycles using the same harmonic structure.

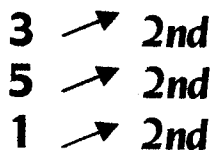
All of this may seem confusing just in the reading of it. But, I'm sure that once you begin to work with the material, it will gradually become very clear. (You could think of it this way: using the same voicing type, if you voice-lead through all 6 cycles, you will have moved from every chord to every other chord.)

Q: Why do cycles 2 and 7 look so different from what you'd expect to see?

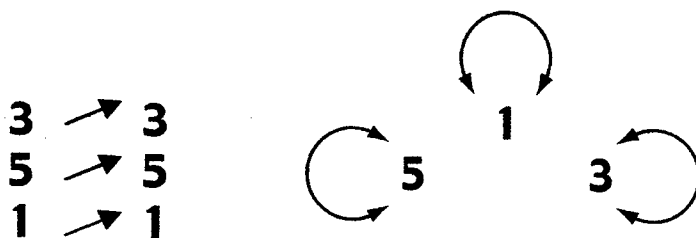
A: That's a very good question. Technically speaking, we are featuring disjunct voice-leading with the triads for cycles 2 and 7. The most obvious way would have been:



The intervallic voice-leading would look like this:



The functional voice-leading would look like this:



I deliberately didn't include this because it's been presented in other books before. For someone just starting with all of this, I'd suggest that both approaches are very valuable.

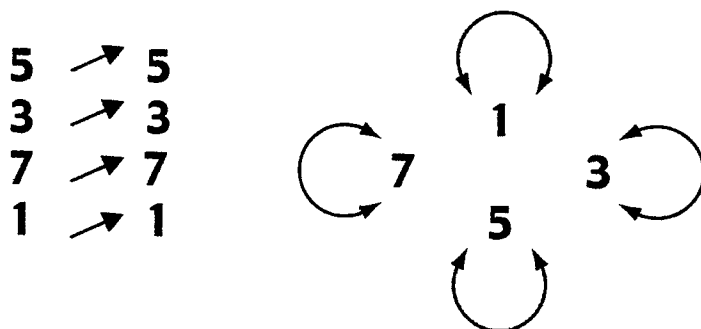
A similar thing happens with the 4-part chords through cycles 2 and 7:

7th chords: CM7 Dm7 Em7 FM7 G7 Am7 Bm7b5
Cycle: 2 **G** → **A** → **B** → **C** → **D** → **E** → **F**
 E → **F** → **G** → **A** → **B** → **C** → **D**
 B → **C** → **D** → **E** → **F** → **G** → **A**
 C → **D** → **E** → **F** → **G** → **A** → **B**

The intervallic voice-leading would look like this:

5 → **2nd**
3 → **2nd**
7 → **2nd**
1 → **2nd**

The functional voice-leading would look like this:



This would be the most obvious voice-leading if a guitarist were given just the chord symbols. It's certainly an important first step, but, like the triads, this type of voice-leading has already been demonstrated in other books.

Q: Why do you include 4-way close voicings?

A: Because **some** of them are playable as chords. It's also interesting to use open strings with other fretted notes. But the main reason they're included is because **all** of them are playable as **arpeggios**. This is also true with some other seemingly impossible-to-play voicings. (Some of the Drop 2 & 3, for example.) If you can't play a voicing as a chord, you can **always** play the notes in some kind of arpeggio.

Q: Why Major scale, Melodic Minor scale, Harmonic Minor scale?

A: If music was painting, the Major, Melodic Minor, Harmonic Minor scales would be the equivalent of the colors red, yellow and blue. These three 7-note scales have been around for thousands of years. You'll come to see that they contain incredible harmonic variety and richness.

Q: Are there any other ways of voice-leading through the cycles?

A: Absolutely! What we're doing in Vol. I and II is just simple common-tone voice-leading. Other ways of voice-leading will be discussed in a future volume.

Q: What is M.S.R.P.?

A: M.S.R.P. stands for **Melodic Strand Replication Procedure**. It's a name I came up with to describe some very interesting things that showed up while I was figuring out all these voice-leading. Again, I'm deliberately not going to go into much detail about all of this so that each person can "re-discover" it just like I did.

On each page you'll see **Intervallic Voice-leading**, **Functional Voice-leading**, (of which there are two different depictions) and **M.S.R.P.** at the bottom. All of them are essentially the same thing. Just different ways of looking at it. However, it does get really interesting when you see that all of these chords and voicings are also melodies. (Actually, in most cases, a single melody!) So this is the musical version of "What came first; the chicken or the egg?" i.e., "What came first; melody or harmony?" (to which I would reply to both questions: "Both arose simultaneously.") M.S.R.P. is like melodic D.N.A. that makes up harmony. Good luck!!

Q: You mentioned earlier that you would be giving tentative guidelines concerning the left (fingering) hand. What are they?

A: I lied....sort of!

Actually, that's very difficult to do, given all the possible combinations of different hand and finger sizes; long, medium and short scale necks; high, medium and low string tensions; high, medium and low string actions, etc., etc., etc.

However, the **main** thing is to follow the advice given in the **DISCLAIMER/WARNING/CAUTION!!!** Section. (Go back and read it again, right now!) If everyone does that we'll all be just fine!

In addition, here are some other points to consider:

- Be cautious of any stretches greater than 4 frets beneath the Vth position.
- Remember that **arpeggiating** the notes is **always** an option.
- You can, **at any time**, transpose the voicing up one octave, thus making the stretch considerably less.
- Keep in mind that voicings which seem “too much of a stretch” look very different in other keys.

Q: Isn't it true that musicians who play other harmonic instruments besides guitar could learn a lot by exploring this material?

A: Yes. But please don't tell them!

Q: Wouldn't composers and arrangers benefit as well, especially considering that they don't have to deal with the limitations of the guitar?

A: Shhhh!!!

Q: When can I start to move “all this stuff” to other keys? And what key should I choose?

A: Same answer to both questions: **You** don't move it. **It** moves by itself. Just watch! (Don't be in a hurry——) When it **does** move, don't assume that you shouldn't continue with “all this stuff” in C Major, C Melodic Minor and C Harmonic Minor. (How much of this material do you really think you have explored, let alone **learned**?)

Q: What is the best way to learn all this stuff?

A: There is no best way

Q: O.K. Ah....Is there a worst way?

A: Yes! By trying to find the **best** way.

Q: O.K. Ah.....Do you have any suggestions?

A: Yes. Don't try to learn it. In fact, try **not** to learn it!

Q: I don't think I understand that.

A: If you don't try to learn it, if you try **not** to learn it, you completely eliminate any self-imposed (or “other-imposed”) **pressure**. You just have the experiences of going through the material. That will be **enough**.

There are so many aspects and ways in which a guitarist can learn “all this stuff,” that you don’t want to short-change yourself by “learning” it too fast. Just consider some things about how a guitarist learns:

- Tactile (touch)
- Shape (configuration-visual)
- Movement (kinesthetic)
- Repetition (memory)
- Simultaneous melodies (gulp!)
- Understanding (analysis-theoretical)
- Sonic (sound)
- Emotional (feel)
- Gestalt (context-function)
- Other
- Unknown
- Etc., etc., etc.

It’s certainly possible that a guitarist could learn some of this material very quickly. (I’ve already seen this happen with a few of my students.) The obvious plus-side is that they can repeat a cycle with a voicing through a scale from memory. And that’s O.K. But the less obvious minus-side is that they can’t really use any of that material in a musical context. They didn’t give themselves the chance to “learn all this stuff” in many different ways at many different levels.

Don’t be in a hurry. Take your time. Find your own pace. Relax into your own learning process, and let the material do to you (and with you) what it (and you) need. It and you both need time to grow.

I realize that what follows may sound a little weird, or a bit of a stretch (pun intended), but I’ll say it anyway—I have faith that the structure, consistency, scope and approach to this material (“all this stuff”) has an intelligence all it’s own. It’s almost as if it were alive. If you work with it, it will “speak” to you. It will tell you things. It will present you with possibilities that you had NEVER considered before. It will give you incredible “bits and pieces” that you will feel compelled to extend and complete.

Let me leave it at that. Check it out!

—Mick Goodrick Boston, July 2000

TRIADS
Close & Spread
All Cycles
C MAJOR

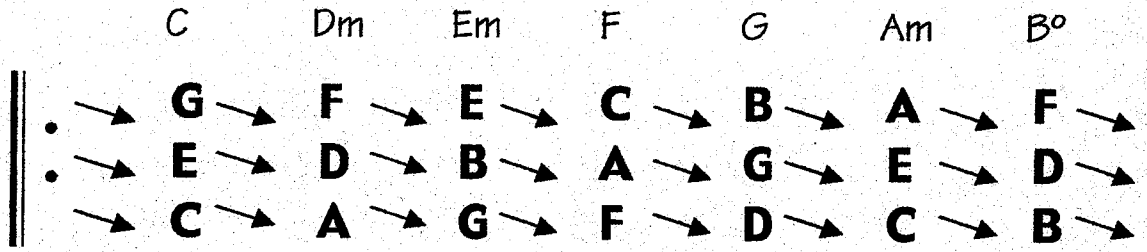
Chord Family: Triad
Voicing Type: Close

Cycle: 2

Scale: C major

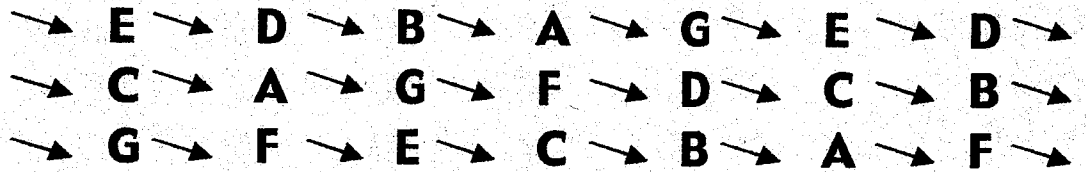
**Intervallic
 Voicing**

5 → 2nd
 3 → 2nd
 1 → 3rd

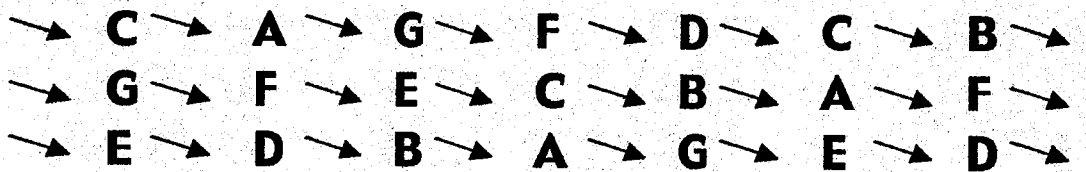


**Functional
 Voicing**

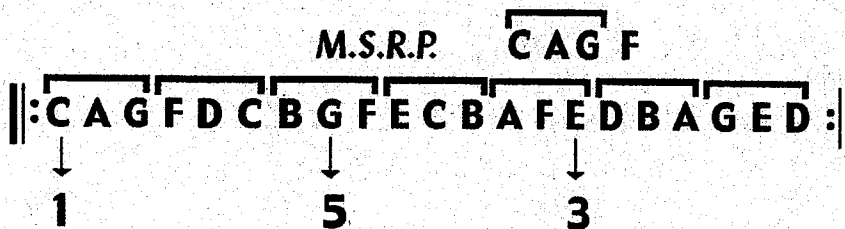
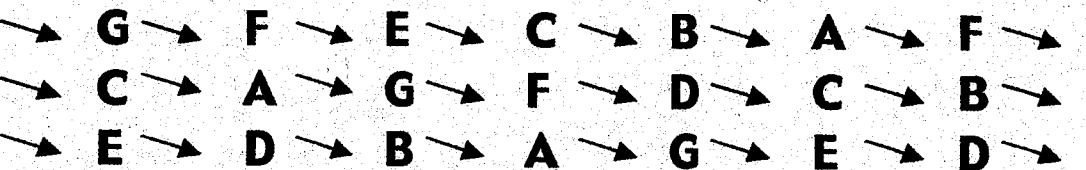
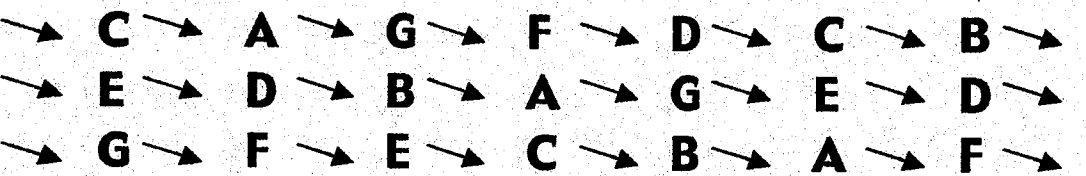
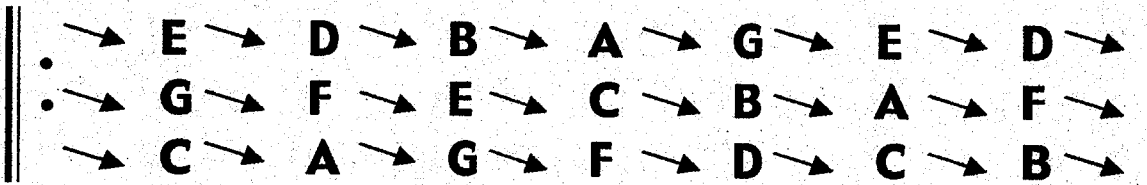
5 → 3
 3 → 1
 1 → 5



down 1 down
 5 → 3
 down



Voicing Type: Spread

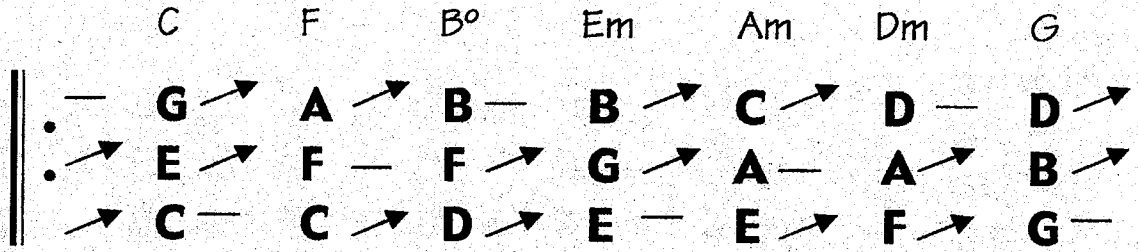


Chord Family: Triad
Voicing Type: Close

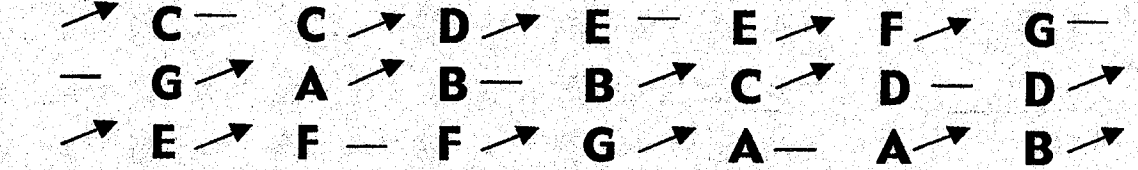
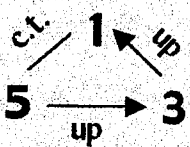
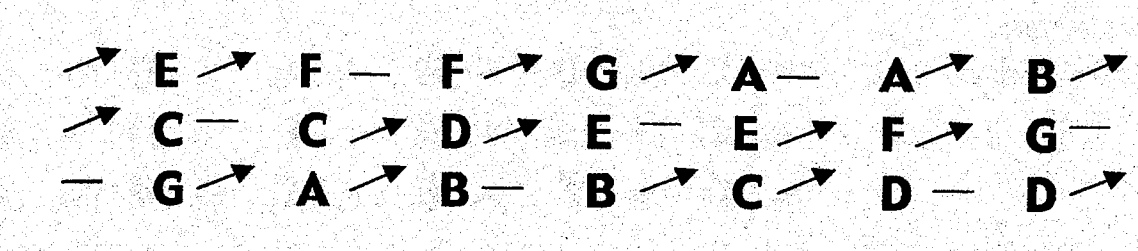
Cycle: 4

Scale: C major

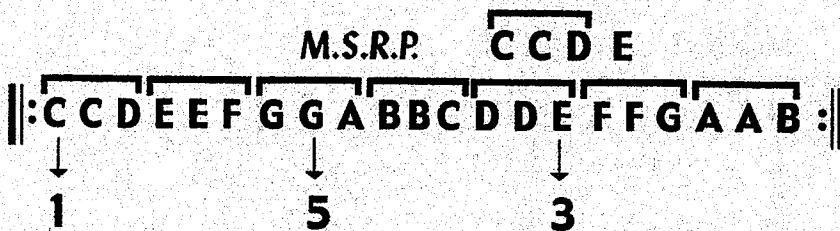
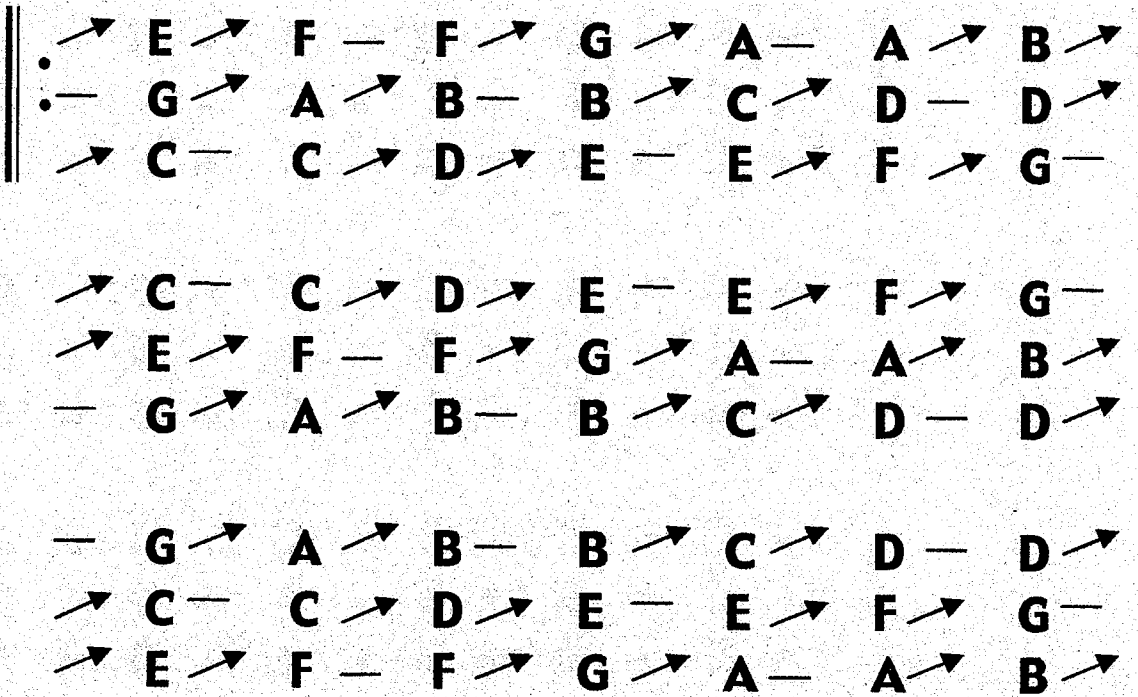
**Intervallic
Voicing**
 5 → 2nd
 3 → 2nd
 1 — c.t.



**Functional
Voicing**
 5 → 3
 3 → 1
 1 — 5



Voicing Type: Spread



Chord Family: Triad
Voicing Type: Close

Cycle: 6

Scale: C major

**Intervallic
Voice-Leading**
 5 → 2nd
 3 — c.t.
 1 — c.t.

	C	Am	F	Dm	B ^o	G	Em
—	G →	A —	A —	A →	B —	B —	B →
• —	E —	E →	F —	F —	F →	G —	G —
• →	C —	C —	C →	D —	D —	D →	E —

**Functional
Voice-Leading**
 5 → 1
 3 — 5
 1 — 3

→	C —	C —	C →	D —	D —	D →	E —
—	G →	A —	A —	A →	B —	B —	B →
—	E —	E →	F —	F —	F →	G —	G —

up → 1 c.t.
 5 — c.t. 3

—	E —	E →	F —	F —	F →	G —	G —
→	C —	C —	C →	D —	D —	D →	E —
—	G →	A —	A —	A →	B —	B —	B →

Voicing Type: Spread

• —	E —	E →	F —	F —	F →	G —	G —
• —	G →	A —	A —	A →	B —	B —	B →
→	C —	C —	C →	D —	D —	D →	E —

—	G →	A —	A —	A →	B —	B —	B →
→	C —	C —	C →	D —	D —	D →	E —
—	E —	E →	F —	F —	F →	G —	G —

→	C —	C —	C →	D —	D —	D →	E —
—	E —	E →	F —	F —	F →	G —	G —
—	G →	A —	A —	A →	B —	B —	B →

M.S.R.P. CCC D

||: CCCDDDEEE FFFGGGAAA BBB :||

↓ ↓ ↓

1 3 5

Chord Family: Triad

Cycle: 7

Scale: C major

Voicing Type: Close

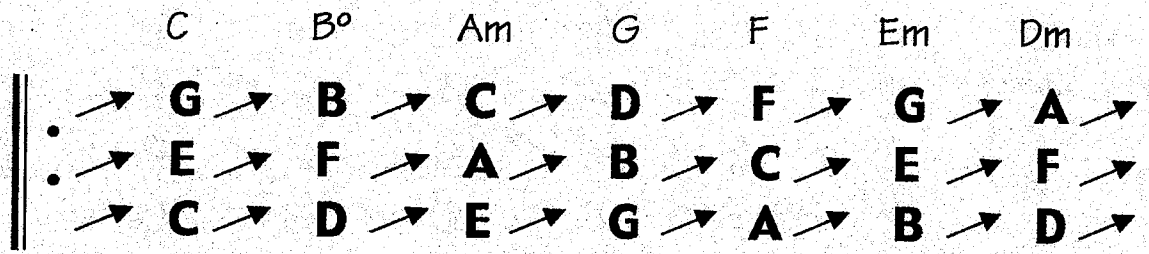
Intervallic

Voice-Leading

5 → 3rd

3 → 2nd

1 → 2nd



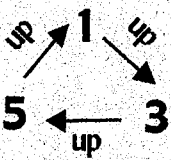
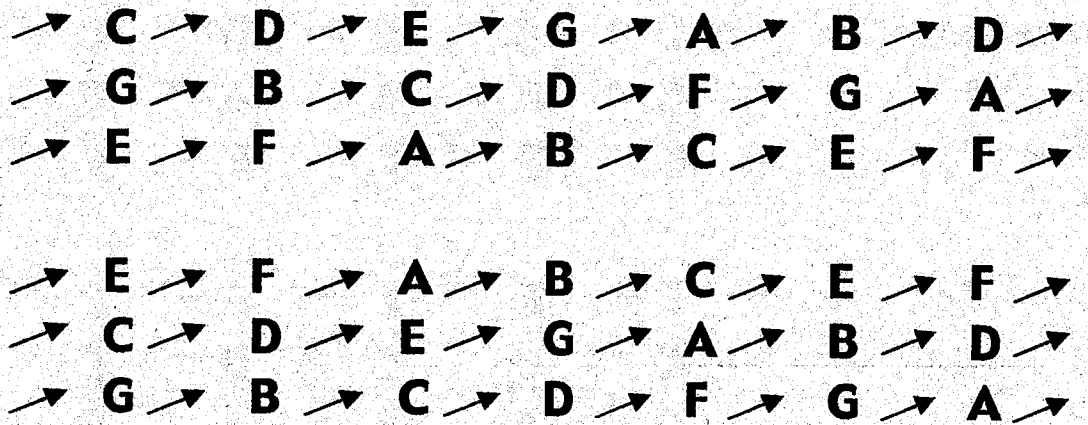
Functional

Voice-Leading

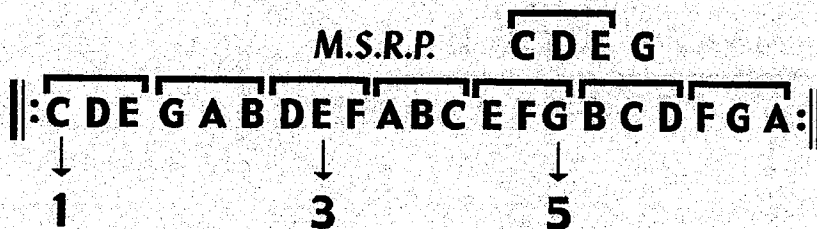
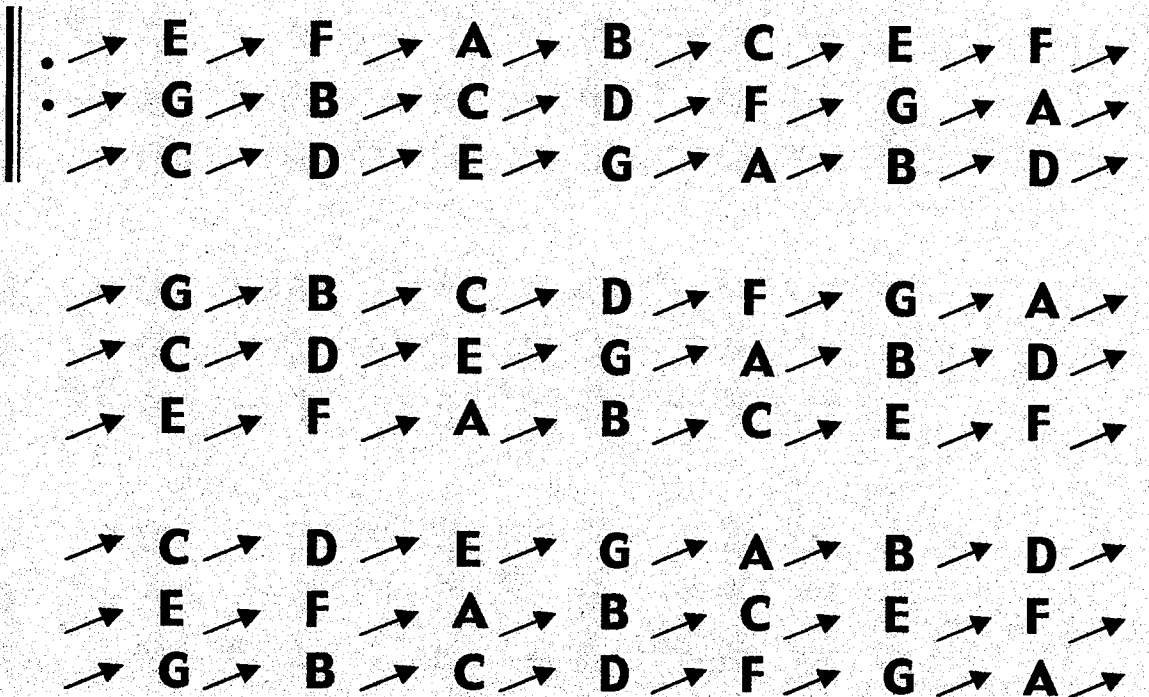
5 → 1

3 → 5

1 → 3



Voicing Type: Spread



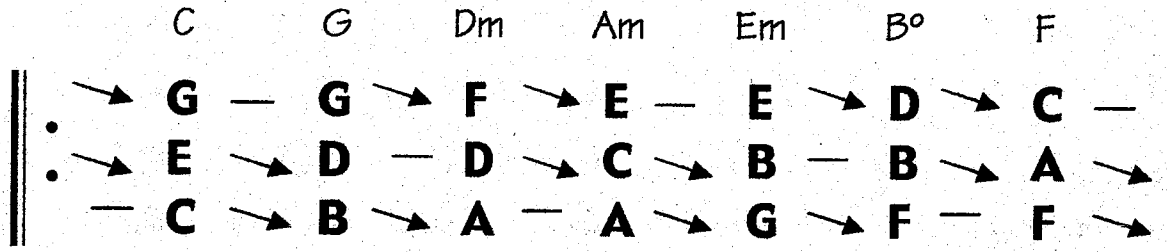
Chord Family: Triad
Voicing Type: Close

Cycle: 5

Scale: C major

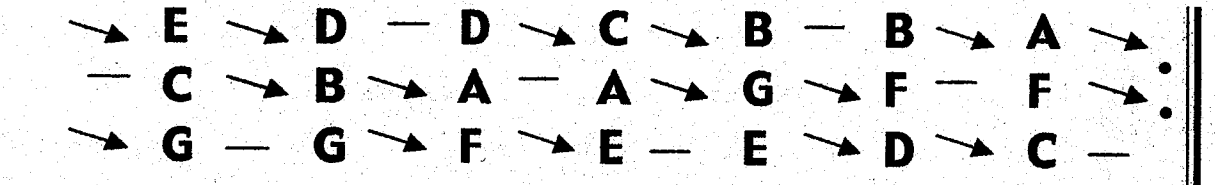
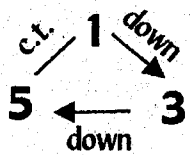
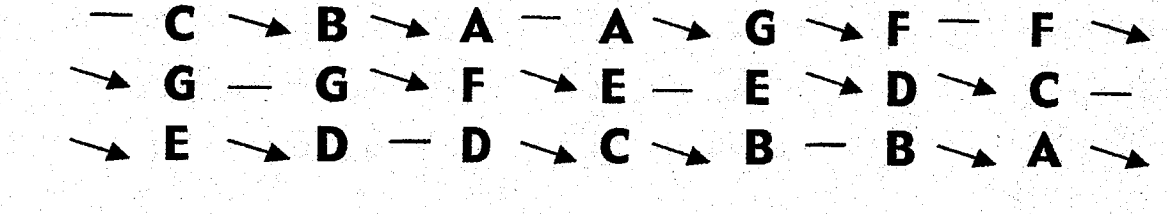
Intervallic
Voice-Leading

5 — c.t.
 3 → 2nd
 1 → 2nd

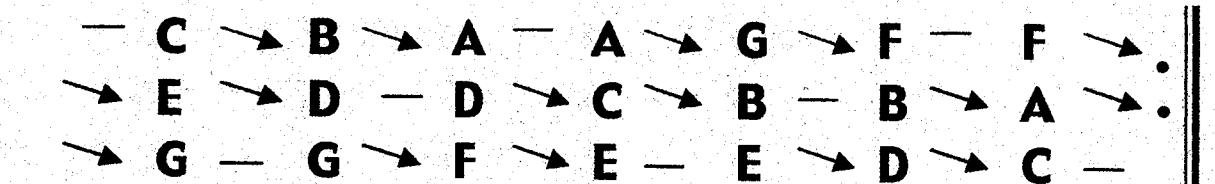
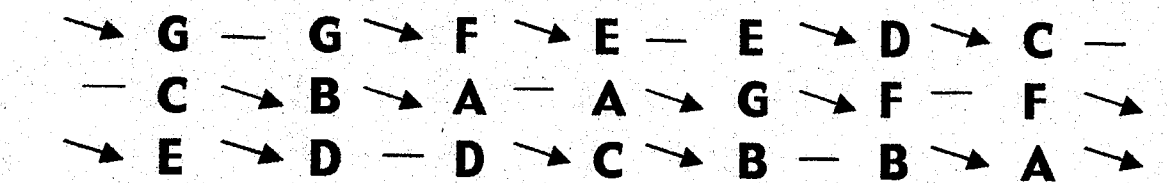
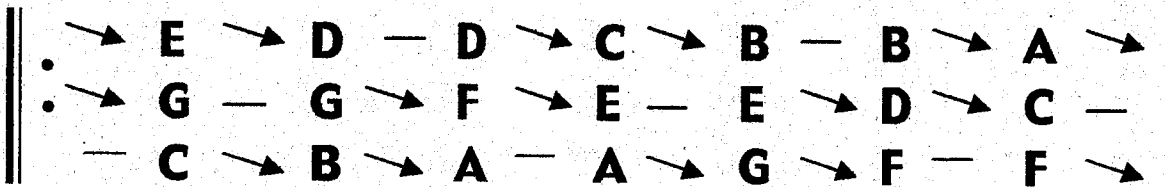


Functional
Voice-Leading

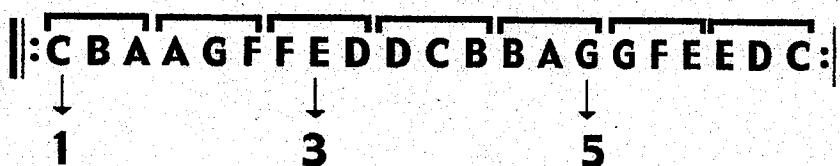
5 — 1
 3 → 5
 1 → 3



Voicing Type: Spread



M.S.R.P. C B A A



Chord Family: Triad
Voicing Type: Close

Cycle: 3

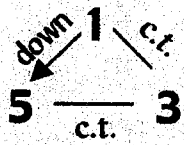
Scale: C major

**Intervallic
Voice-Leading**
5 — c.t.
3 — c.t.
1 ↘ 2nd

	C	Em	G	B ^o	Dm	F	Am
5	G	G	G	F	F	F	E
3	E	E	D	D	D	C	C
1	C	B	B	B	A	A	A

**Functional
Voice-Leading**
5 — 3
3 — 1
1 ↘ 5

5	E	E	D	D	D	C	C
3	C	B	B	B	A	A	A
1	G	G	G	F	F	F	E



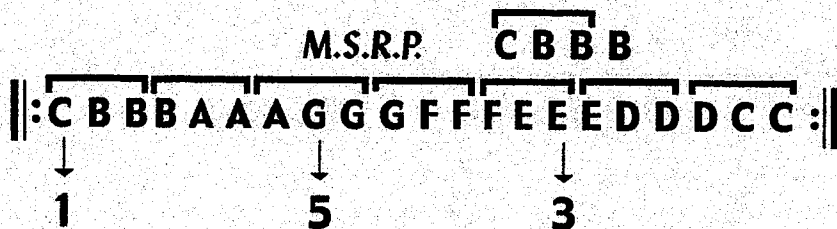
5	C	B	B	B	A	A	A
3	G	G	G	F	F	F	E
1	E	E	D	D	D	C	C

Voicing Type: Spread

5	E	E	D	D	D	C	C
3	G	G	G	F	F	F	E
1	C	B	B	B	A	A	A

5	C	B	B	B	A	A	A
3	E	E	D	D	D	C	C
1	G	G	G	F	F	F	E

5	G	G	G	F	F	F	E
3	C	B	B	B	A	A	A
1	E	E	D	D	D	C	C



TRIADS
CLOSE & SPREAD
ALL CYCLES
C MELODIC MINOR

Chord Family: Triad
Voicing Type: Close

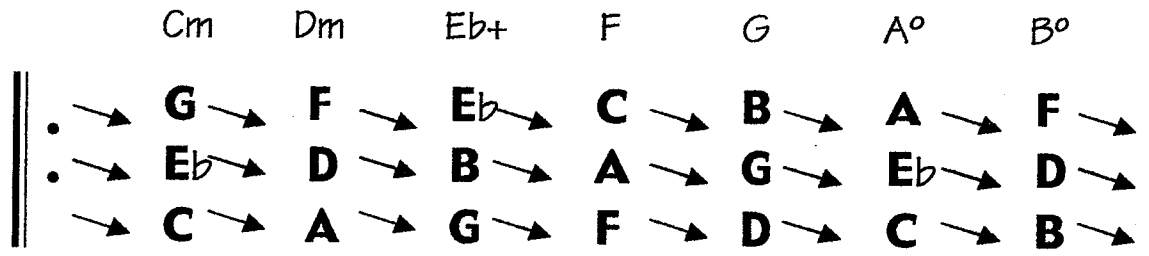
Cycle: 2

Scale: C melodic minor

Intervallic

Voice-Leading

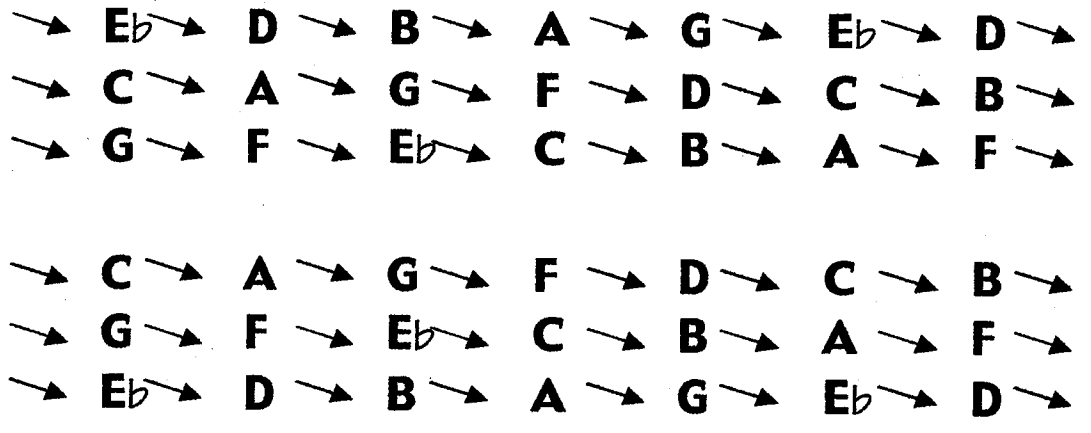
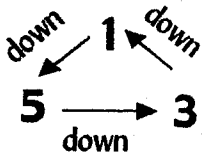
5 → 2nd
 3 → 2nd
 1 → 3rd



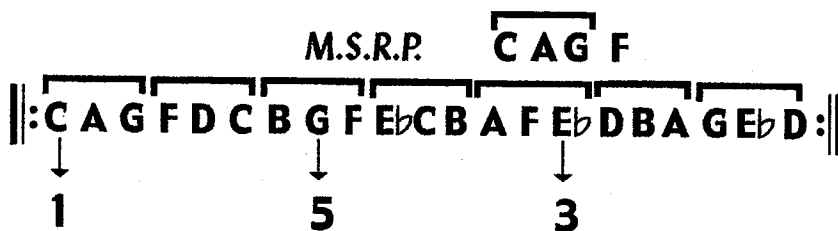
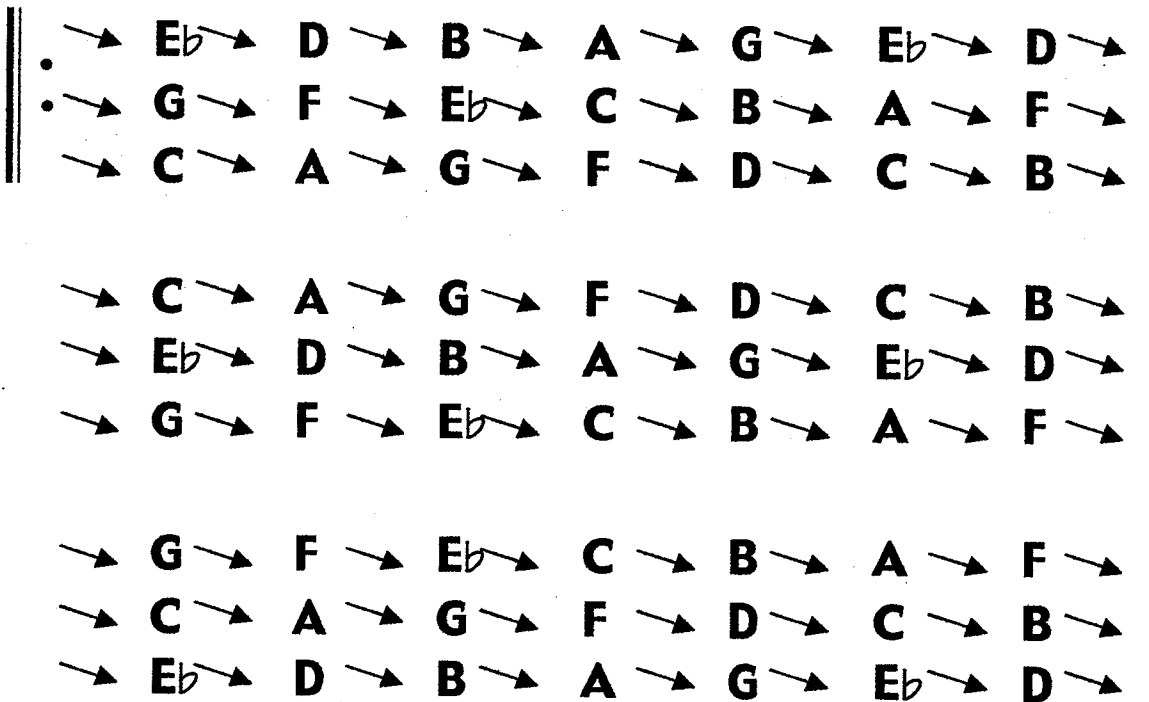
Functional

Voice-Leading

5 → 3
 3 → 1
 1 → 5



Voicing Type: Spread

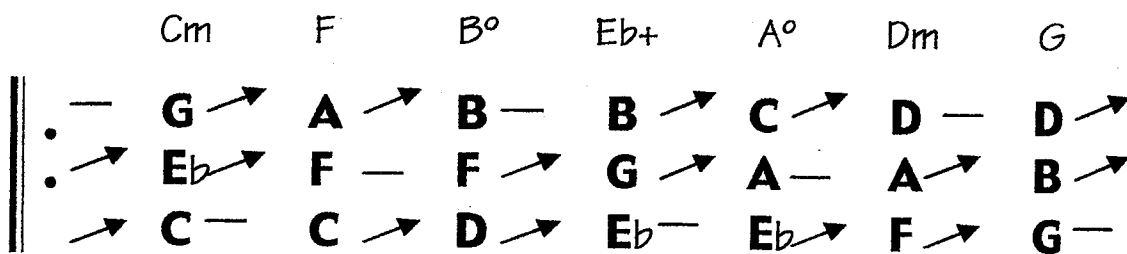


Chord Family: Triad
Voicing Type: Close

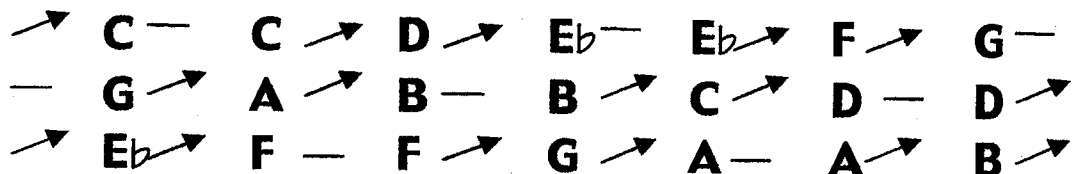
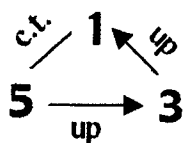
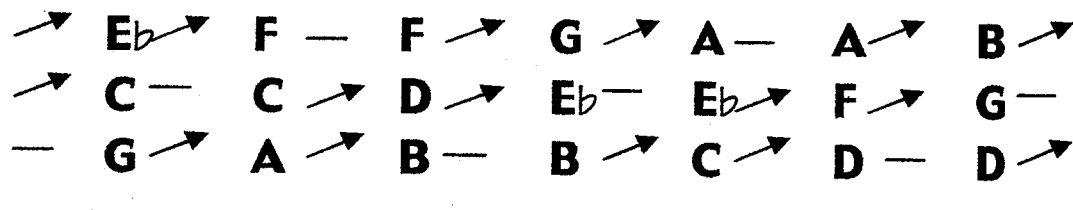
Cycle: 4

Scale: C melodic minor

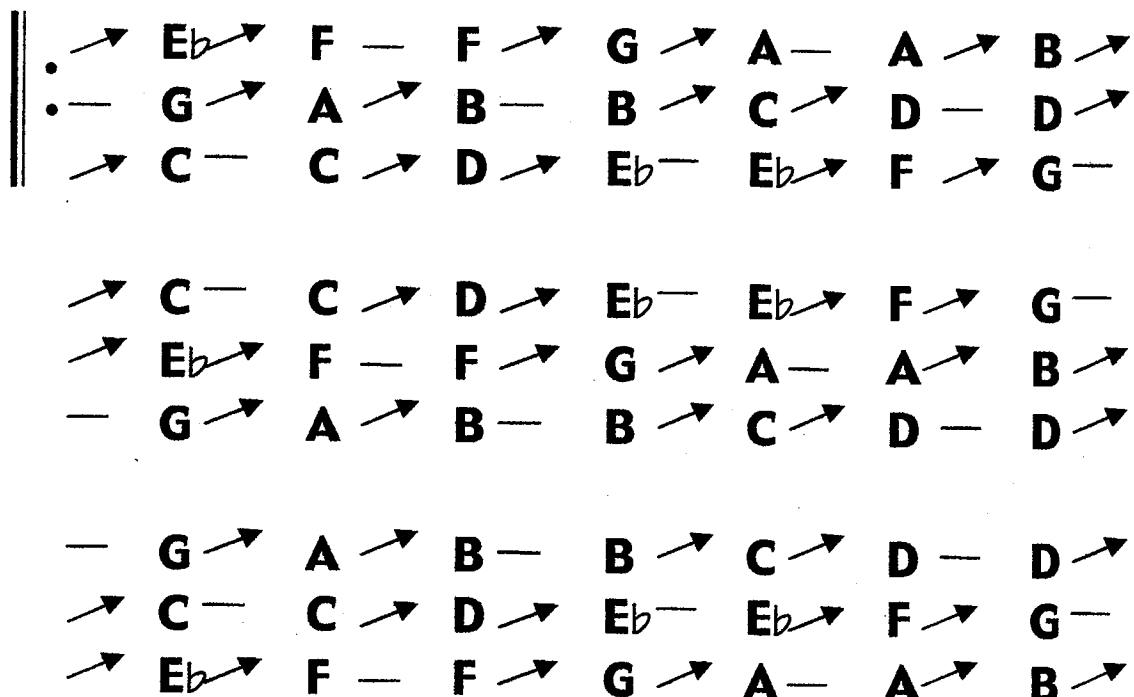
**Intervallic
Voice-Leading**
 5 → 2nd
 3 → 2nd
 1 — c.t.



**Functional
Voice-Leading**
 5 → 3
 3 → 1
 1 — 5



Voicing Type: Spread



M.S.R.P.

CCD Eb



1

5

3

Chord Family: Triad
Voicing Type: Close

Cycle: 6

Scale: C melodic minor

	Cm	A°	F	Dm	B°	G	Eb+
Intervallic							
Voice-Leading							
5 → 2nd	— G →	A —	A —	A →	B —	B —	B →
3 — c.t.	• — Eb	Eb →	F —	F —	F →	G —	G —
1 — c.t.	→ C —	C —	C →	D —	D —	D →	Eb —
Functional							
Voice-Leading							
5 → 1	→ C —	C —	C →	D —	D —	D →	Eb —
3 — 5	— G →	A —	A —	A →	B —	B —	B →
1 — 3	— Eb	Eb →	F —	F —	F →	G —	G —
UP	— Eb	Eb →	F —	F —	F →	G —	G —
5	→ C —	C —	C →	D —	D —	D →	Eb —
3	— G →	A —	A —	A →	B —	B —	B →
1							

Voicing Type: Spread

• —	Eb —	Eb →	F —	F —	F →	G —	G —
• —	G →	A —	A —	A →	B —	B —	B →
→	C —	C —	C →	D —	D —	D →	Eb —
—	G →	A —	A —	A →	B —	B —	B →
→	C —	C —	C →	D —	D —	D →	Eb —
—	Eb	Eb →	F —	F —	F →	G —	G —
→	C —	C —	C →	D —	D —	D →	Eb —
—	Eb	Eb →	F —	F —	F →	G —	G —
—	G →	A —	A —	A →	B —	B —	B →

M.S.R.P. CCC D

||: C C C D D D E_b E_b E_b F F F G G G A A A B B B ||

↓ 1 ↓ 3 ↓ 5

Chord Family: Triad
Voicing Type: Close

Cycle: 7

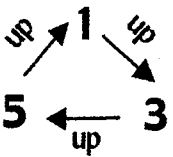
Scale: C melodic minor

**Intervallic
 Voice-Leading**
 5 → 3rd
 3 → 2nd
 1 → 2nd

	Cm	B°	A°	G	F	Eb+	Dm
• →	G →	B →	C →	D →	F →	G →	A →
• →	Eb →	F →	A →	B →	C →	Eb →	F →
→	C →	D →	Eb →	G →	A →	B →	D →

**Functional
 Voice-Leading**
 5 → 1
 3 → 5
 1 → 3

→	C →	D →	Eb →	G →	A →	B →	D →
→	G →	B →	C →	D →	F →	G →	A →
→	Eb →	F →	A →	B →	C →	Eb →	F →



→	Eb →	F →	A →	B →	C →	Eb →	F →
→	C →	D →	Eb →	G →	A →	B →	D →
→	G →	B →	C →	D →	F →	G →	A →

Voicing Type: Spread

• →	Eb →	F →	A →	B →	C →	Eb →	F →
• →	G →	B →	C →	D →	F →	G →	A →
→	C →	D →	Eb →	G →	A →	B →	D →
→	G →	B →	C →	D →	F →	G →	A →
→	C →	D →	Eb →	G →	A →	B →	D →
→	Eb →	F →	A →	B →	C →	Eb →	F →
→	C →	D →	Eb →	G →	A →	B →	D →
→	Eb →	F →	A →	B →	C →	Eb →	F →
→	G →	B →	C →	D →	F →	G →	A →

M.S.R.P. $\overline{C D E^b G}$

||: C D E^b G A B D E^b F A B C E^b F G B C D F G A :||

↓ ↓ ↓

1 3 5

Chord Family: Triad
Voicing Type: Close

Cycle: 5

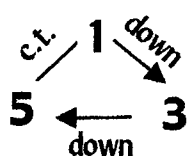
Scale: C melodic minor

Intervallic Voice-Leading

	Cm	G	Dm	A°	Eb+	B°	F
5 — c.t.	→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C
3 → 2nd	→ Eb	→ D	→ D	→ C	→ B	→ B	→ A
1 → 2nd	→ C	→ B	→ A	→ A	→ G	→ F	→ F

Functional Voice-Leading

5 — 1	→ C	→ B	→ A	→ A	→ G	→ F	→ F
3 → 5	→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C
1 → 3	→ Eb	→ D	→ D	→ C	→ B	→ B	→ A



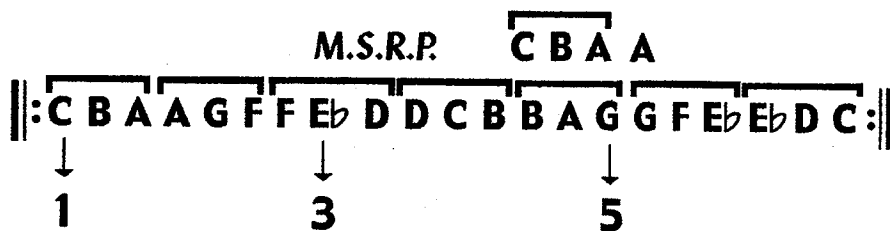
→ Eb	→ D	→ D	→ C	→ B	→ B	→ A
→ C	→ B	→ A	→ A	→ G	→ F	→ F
→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C

Voicing Type: Spread

→ Eb	→ D	→ D	→ C	→ B	→ B	→ A
→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C
→ C	→ B	→ A	→ A	→ G	→ F	→ F

→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C
→ C	→ B	→ A	→ A	→ G	→ F	→ F
→ Eb	→ D	→ D	→ C	→ B	→ B	→ A

→ C	→ B	→ A	→ A	→ G	→ F	→ F
→ Eb	→ D	→ D	→ C	→ B	→ B	→ A
→ G	→ G	→ F	→ Eb	→ Eb	→ D	→ C



Chord Family: Triad
Voicing Type: Close

Cycle: 3

Scale: C melodic minor

Intervallic
Voice-Leading

5 — c.t.
3 — c.t.
1 ↘ 2nd

	Cm	Eb+	G	B°	Dm	F	A°
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	E_b —	E_b ↘	D —	D —	D ↘	C —	C —
	C ↘	B —	B —	B ↘	A —	A —	A ↘

Functional
Voice-Leading

5 — 3
3 — 1
1 ↘ 5

	E_b —	E_b ↘	D —	D —	D ↘	C —	C —
	C ↘	B —	B —	B ↘	A —	A —	A ↘
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	C ↘	B —	B —	B ↘	A —	A —	A ↘
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	E_b —	E_b ↘	D —	D —	D ↘	C —	C —

down 1 c.t.
5 — c.t. 3

Voicing Type: Spread

	E_b —	E_b ↘	D —	D —	D ↘	C —	C —
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	C ↘	B —	B —	B ↘	A —	A —	A ↘
	C ↘	B —	B —	B ↘	A —	A —	A ↘
	E_b —	E_b ↘	D —	D —	D ↘	C —	C —
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	G —	G —	G ↘	F —	F —	F ↘	E_b —
	C ↘	B —	B —	B ↘	A —	A —	A ↘
	E_b —	E_b ↘	D —	D —	D ↘	C —	C —

M.S.R.P. **C** **B** **B** **B**

||: **C B B B A A G G G F F F E_b E_b E_b D D D C C** :||

↓ ↓ ↓

1 **5** **3**

TRIADS
CLOSE & SPREAD
ALL CYCLES
C HARMONIC MINOR

Chord Family: Triad
Voicing Type: Close

Cycle: 2

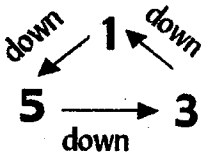
Scale: C harmonic minor

**Intervallic
Voice-Leading**
 5 → 2nd
 3 → 2nd
 1 → 3rd

	Cm	D°	Eb+	Fm	G	Ab	B°
5 → 2nd	G → F	F → Eb	Eb → C	C → B	B → Ab	Ab → F	F → D
3 → 2nd	Eb → D	D → B	B → Ab	Ab → G	G → Eb	Eb → D	D → C
1 → 3rd	C → Ab	Ab → G	G → F	F → D	D → C	C → B	B → Ab

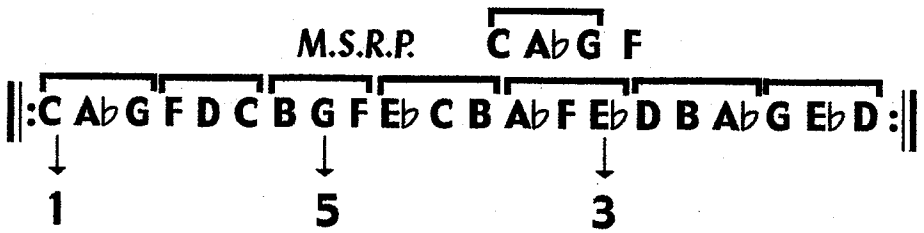
**Functional
Voice-Leading**
 5 → 3
 3 → 1
 1 → 5

5 → 3	Eb → D	D → B	B → Ab	Ab → G	G → Eb	Eb → D	D → C
3 → 1	C → Ab	Ab → G	G → F	F → D	D → C	C → B	B → Ab
1 → 5	G → F	F → Eb	Eb → C	C → B	B → Ab	Ab → F	F → D



Voicing Type: Spread

5 → 3	Eb → D	D → B	B → Ab	Ab → G	G → Eb	Eb → D	D → C
3 → 1	G → Ab	Ab → G	G → F	F → D	D → C	C → B	B → Ab
1 → 5	Eb → D	D → B	B → Ab	Ab → G	G → Eb	Eb → D	D → C



Chord Family: Triad
Voicing Type: Close

Cycle: 4

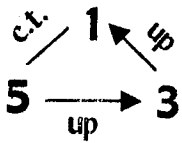
Scale: C harmonic minor

**Intervallic
Voice-Leading**
 5 → 2nd
 3 → 2nd
 1 — c.t.

	Cm	Fm	B°	Eb+	Ab	D°	G
5	G →	Ab →	B —	B →	C →	D —	D →
3	Eb →	F —	F →	G →	Ab —	Ab →	B →
1	C —	C →	D →	Eb —	Eb →	F →	G —

**Functional
Voice-Leading**
 5 → 3
 3 → 1
 1 — 5

5	Eb →	F —	F →	G →	Ab —	Ab →	B →
3	C —	C →	D →	Eb —	Eb →	F →	G —
1	G →	Ab →	B —	B →	C →	D —	D →

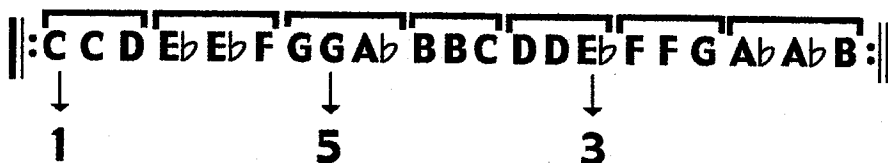


5	C —	C →	D →	Eb —	Eb →	F →	G —
3	G →	Ab →	B —	B →	C →	D —	D →
1	Eb →	F —	F →	G →	Ab —	Ab →	B →

Voicing Type: Spread

5	Eb →	F —	F →	G →	Ab —	Ab →	B →
3	G →	Ab →	B —	B →	C →	D —	D →
1	C —	C →	D →	Eb —	Eb →	F →	G —
5	Eb →	F —	F →	G →	Ab —	Ab →	B →
3	G →	Ab →	B —	B →	C →	D —	D →
1	C —	C →	D →	Eb —	Eb →	F →	G —
5	Eb →	F —	F →	G →	Ab —	Ab →	B →

M.S.R.P. $\overline{CCD} Eb$

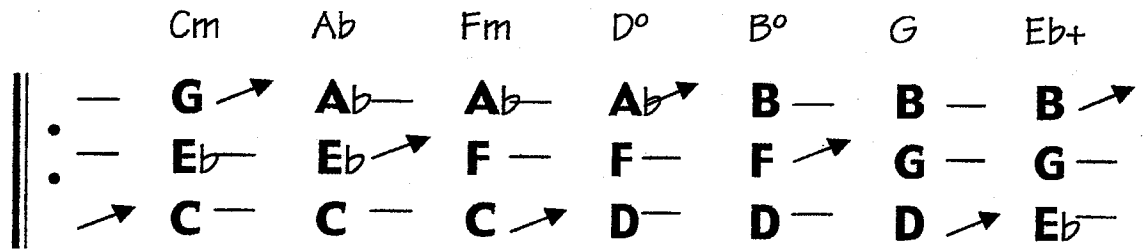


Chord Family: Triad
Voicing Type: Close

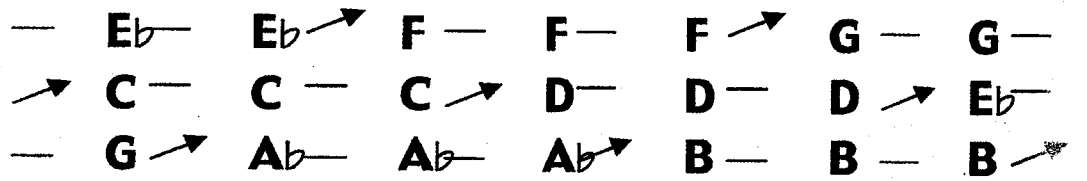
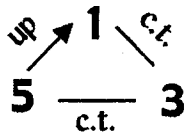
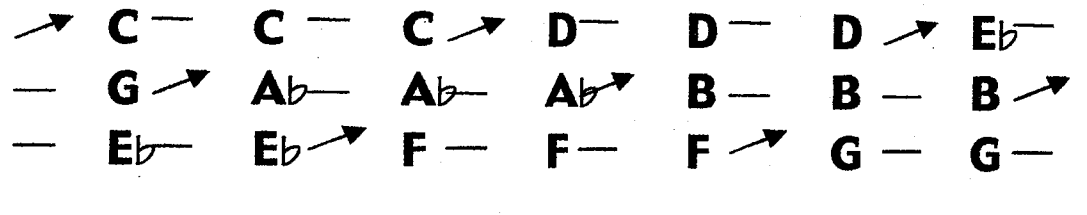
Cycle: 6

Scale: C harmonic minor

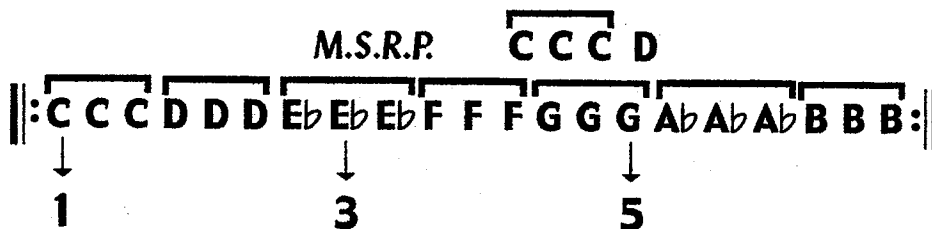
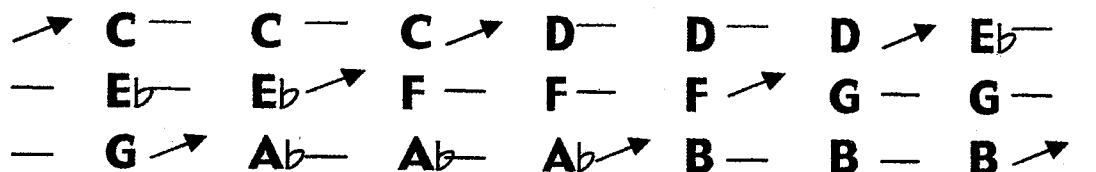
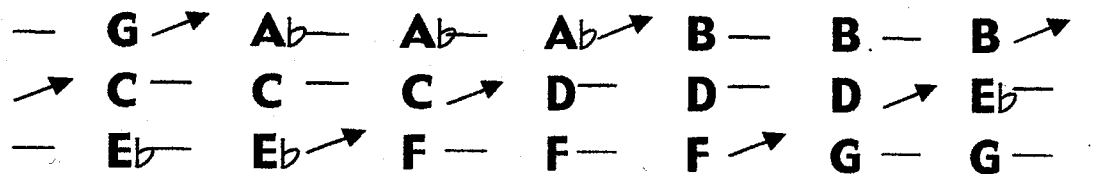
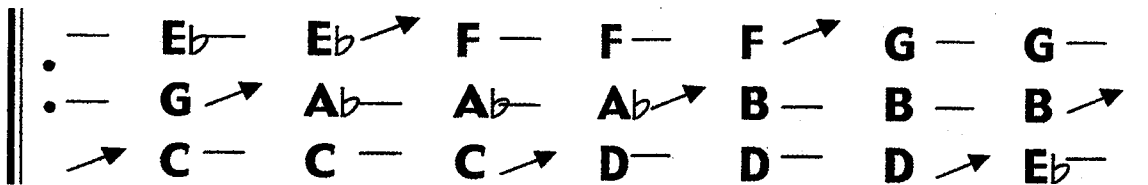
**Intervallic
Voice-Leading**
 5 → 2nd
 3 — c.t.
 1 — c.t.



**Functional
Voice-Leading**
 5 → 1
 3 — 5
 1 — 3



Voicing Type: Spread



Chord Family: Triad
Voicing Type: Close

Cycle: 7

Scale: C harmonic minor

**Intervallic
Voice-Leading**

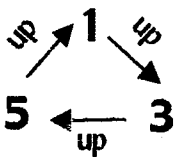
5 → 3rd
 3 → 2nd
 1 → 2nd

	Cm	B°	A ^b	G	Fm	E ^b +	D°
• →	G →	B →	C →	D →	F →	G →	A ^b →
• →	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →
→	C →	D →	E ^b →	G →	A ^b →	B →	D →

**Functional
Voice-Leading**

5 → 1
 3 → 5
 1 → 3

→	C →	D →	E ^b →	G →	A ^b →	B →	D →
→	G →	B →	C →	D →	F →	G →	A ^b →
→	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →



→	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →
→	C →	D →	E ^b →	G →	A ^b →	B →	D →
→	G →	B →	C →	D →	F →	G →	A ^b →

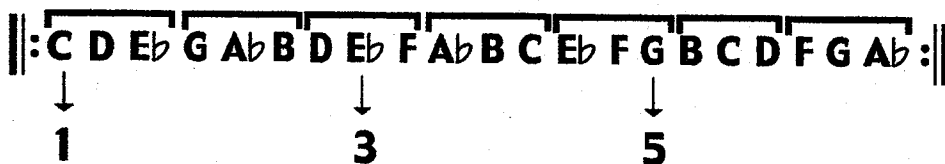
Voicing Type: Spread

• →	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →
• →	G →	B →	C →	D →	F →	G →	A ^b →
→	C →	D →	E ^b →	G →	A ^b →	B →	D →

→	G →	B →	C →	D →	F →	G →	A ^b →
→	C →	D →	E ^b →	G →	A ^b →	B →	D →
→	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →

→	C →	D →	E ^b →	G →	A ^b →	B →	D →
→	E ^b →	F →	A ^b →	B →	C →	E ^b →	F →
→	G →	B →	C →	D →	F →	G →	A ^b →

M.S.R.P. C D E^b G

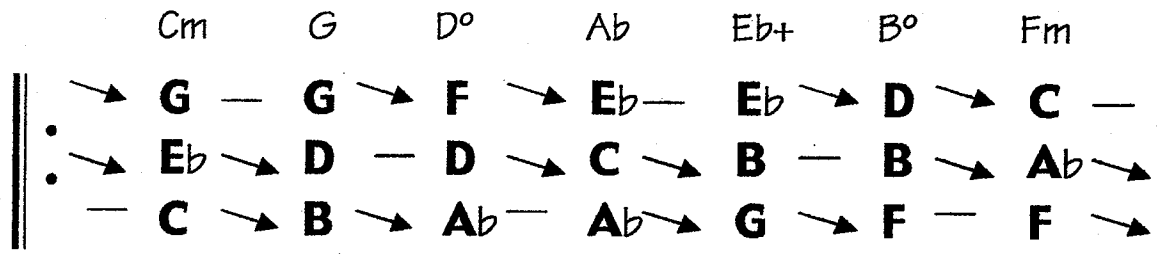


Chord Family: Triad
Voicing Type: Close

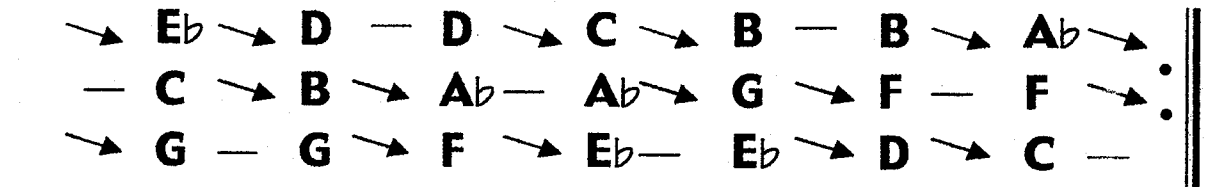
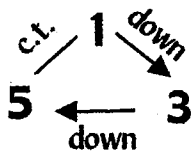
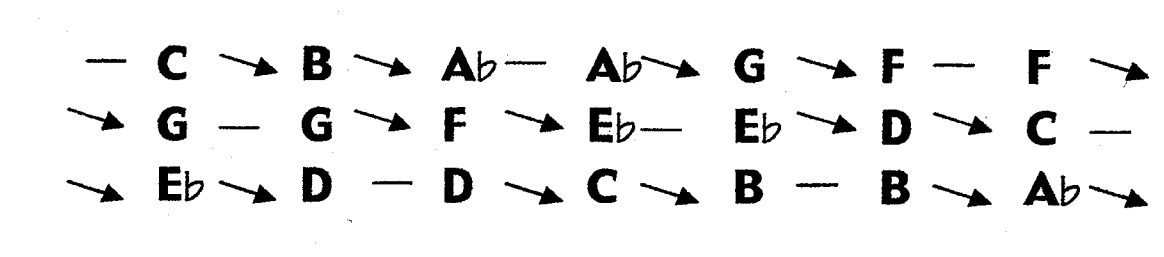
Cycle: 5

Scale: C harmonic minor

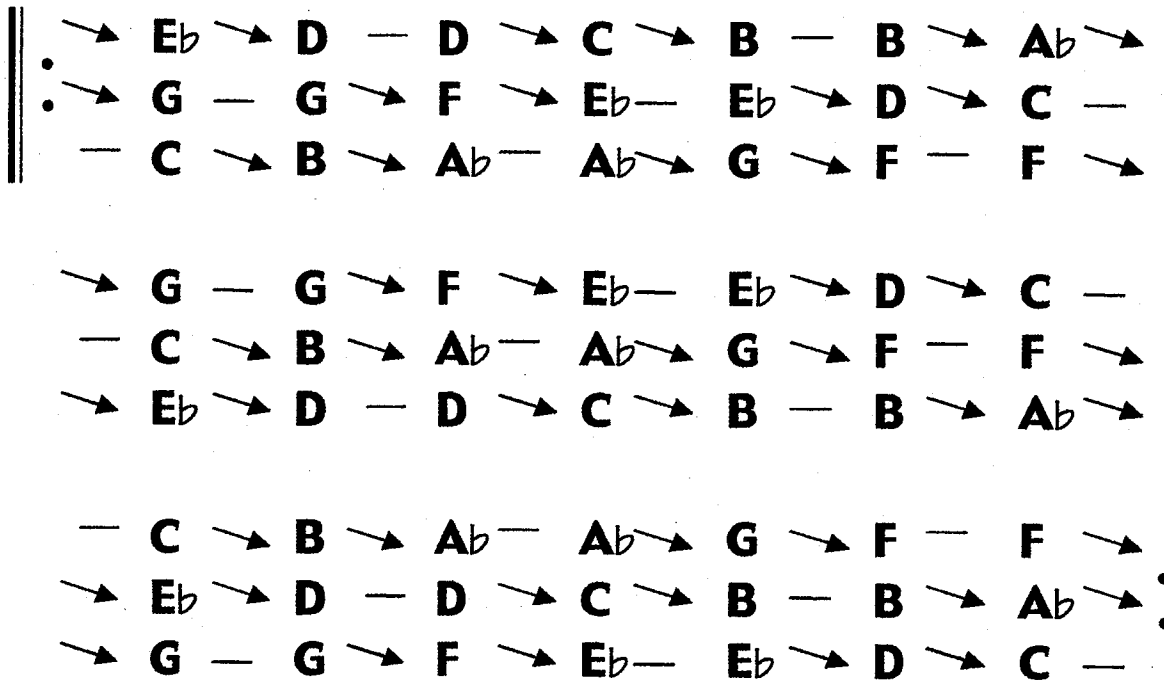
**Intervallic
Voice-Leading**
5 — c.t.
3 → 2nd
1 → 2nd



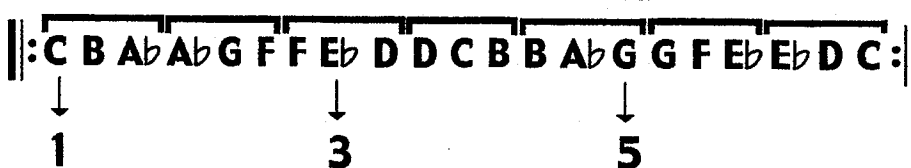
**Functional
Voice-Leading**
5 — 1
3 → 5
1 → 3



Voicing Type: Spread



M.S.R.P. C B Ab Ab



Chord Family: Triad
Voicing Type: Close

Cycle: 3

Scale: C harmonic minor

**Intervallic
Voice-Leading**
 5 — c.t.
 3 — c.t.
 1 ↘ 2nd

	Cm	Eb+	G	B°	D°	Fm	Ab
5	G —	G —	G ↘	F —	F —	F ↘	Eb —
3	Eb —	Eb ↘	D —	D —	D ↘	C —	C —
1	C ↘	B —	B —	B ↘	Ab —	Ab —	Ab ↘

**Functional
Voice-Leading**
 5 — 3
 3 — 1
 1 ↘ 5

5	Eb —	Eb ↘	D —	D —	D ↘	C —	C —
3	C ↘	B —	B —	B ↘	Ab —	Ab —	Ab ↘
1	G —	G —	G ↘	F —	F —	F ↘	Eb —

down ↙ 1 / c.t.
 5 — c.t. — 3

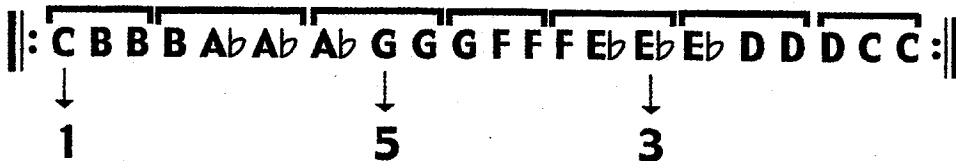
5	C ↘	B —	B —	B ↘	Ab —	Ab —	Ab ↘
3	G —	G —	G ↘	F —	F —	F ↘	Eb —
1	Eb —	Eb ↘	D —	D —	D ↘	C —	C —

Voicing Type: Spread

5	Eb —	Eb ↘	D —	D —	D ↘	C —	C —
3	G —	G —	G ↘	F —	F —	F ↘	Eb —
1	C ↘	B —	B —	B ↘	Ab —	Ab —	Ab ↘

5	Eb —	Eb ↘	D —	D —	D ↘	C —	C —
3	G —	G —	G ↘	F —	F —	F ↘	Eb —
1	C ↘	B —	B —	B ↘	Ab —	Ab —	Ab ↘

M.S.R.P. $\overline{\text{C B B B}}$



SEVENTHS
ALL VOICINGS
ALL CYCLES
C MAJOR

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 2

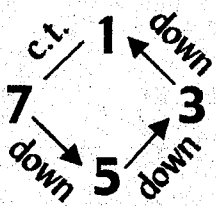
Scale: C major

		Cmaj7	Dm7	Em7	Fmaj7	G7	Am7	Bm7(b5)
Intervallic								
Voice-Leading								
7	→ 2nd	—	B → A	→ G → F	— F → E	→ D → C	→ B → A	— A →
5	→ 2nd	• →	G → F	→ E → D	— D → C	→ B → A	— A →	→
3	→ 2nd	• →	E → D	— D → C	→ B → A	→ G → F	— G →	→
1	— c.t.	→	C — C	→ B → A	→ G — G	→ F →	→	→

Functional
Voice-Leading

7	→ 5
5	→ 3
3	→ 1
1	— 7

→	C — C	→ B → A	→ G — G	→ F →	→	→	→
—	B → A	→ G → F	— F → E	→ D → C	→ B → A	— A →	→
→	G → F	→ E — E	→ D → C	→ B → A	— A →	→	→
→	E → D	— D → C	→ B → A	— A →	→	→	→
→	E → D	— D → C	→ B → A	— A →	→	→	→
→	C — C	→ B → A	→ G — G	→ F →	→	→	→
—	B → A	→ G → F	— F → E	→ D → C	→ B → A	— A →	→
→	G → F	→ E — E	→ D → C	→ B → A	— A →	→	→
→	G → F	→ E — E	→ D → C	→ B → A	— A →	→	→
→	C — C	→ B → A	→ G — G	→ F →	→	→	→
—	B → A	→ G → F	— F → E	→ D → C	→ B → A	— A →	→



M.S.R.P. **CCBAG**

||: **CCBAGGFEDDCBAAAGFEEDCBBAGFFED**:||

↓
1

↓
3

↓
5

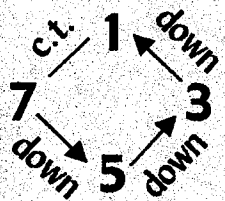
↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 2

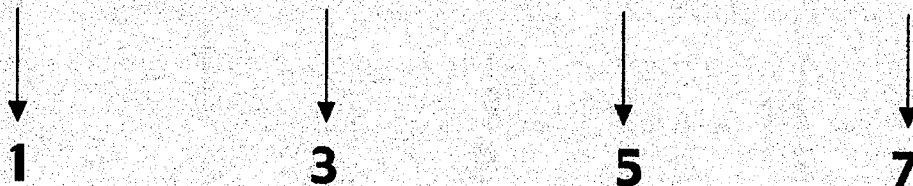
Scale: C major

	Cmaj7	Dm7	Em7	Fmaj7	G7	Am7	Bm7(b5)
Intervallic							
Voice-Leading	→ E	→ D	— D	→ C	→ B	→ A	— A
3 → 2nd	• — B	→ A	→ G	→ F	— F	→ E	→ D
7 → 2nd	• → G	→ F	→ E	— E	→ D	→ C	→ B
5 → 2nd	→ C	— C	→ B	→ A	→ G	— G	→ F
1 — c.t.							
	→ G	→ F	→ E	— E	→ D	→ C	→ B
	→ C	— C	→ B	→ A	→ G	— G	→ F
Functional	— B	→ A	→ G	→ F	— F	→ E	→ D
Voice-Leading	→ E	→ D	— D	→ C	→ B	→ A	— A
3 → 1							
7 → 5	— B	→ A	→ G	→ F	— F	→ E	→ D
5 → 3	→ E	→ D	— D	→ C	→ B	→ A	— A
1 — 7	→ C	— C	→ B	→ A	→ G	— G	→ F
	→ G	→ F	→ E	— E	→ D	→ C	→ B
	→ C	— C	→ B	→ A	→ G	— G	→ F
	→ G	→ F	→ E	— E	→ D	→ C	→ B
	→ C	— C	→ B	→ A	→ G	— G	→ F
	→ G	→ F	→ E	— E	→ D	→ C	→ B
	→ E	→ D	— D	→ C	→ B	→ A	— A
	— B	→ A	→ G	→ F	— F	→ E	→ D



M.S.R.P. **CCBAG**

||: **CCBAGGFEDDCBAAGFEEDCBBAGFFED**:||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 2

Scale: C major

Intervallic

Voice-Leading

5 → 2nd
 3 → 2nd
 7 → 2nd
 1 — c.t.

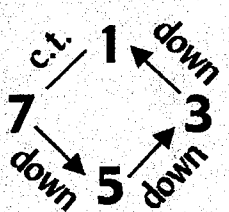
Functional

Voice-Leading

5 → 3
 3 → 1
 7 → 5
 1 — 7

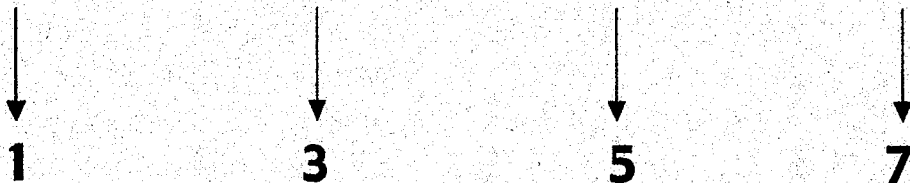
Cmaj7 Dm7 Em7 Fmaj7 G7 Am7 Bm7(b5)

→	G	→	F	→	E	—	E	→	D	→	C	→	B	—
• →	E	→	D	—	D	→	C	→	B	→	A	—	A	→
• —	B	→	A	→	G	→	F	—	F	→	E	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
—	B	→	A	→	G	→	F	—	F	→	E	→	D	→
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
—	B	→	A	→	G	→	F	—	F	→	E	→	D	→
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—
—	B	→	A	→	G	→	F	—	F	→	E	→	D	→



M.S.R.P. **CCBAG**

||: **CCBAGGFEDDCBAAAGFEEDCBBAGFFED**:||



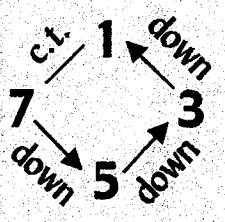
Chord Family: 7th

Cycle: 2

Scale: C major

Voicing Type: Drop 2 & 3

	Cmaj7	Dm7	Em7	Fmaj7	G7	Am7	Bm7(b5)
Intervallic							
Voice-Leading							
5 → 2nd	→ G →	→ F →	— E —	→ E →	→ D →	→ C →	— B —
7 → 2nd	• — B →	→ A →	→ G →	— F —	→ F →	→ E →	→ D →
3 → 2nd	• → E →	— D —	→ D →	→ C →	→ B →	— A —	→ A →
1 — c.t.	→ C —	→ C →	→ B →	→ A →	— G —	→ G →	→ F →
	— B →	→ A →	→ G →	— F —	→ F →	→ E →	→ D →
	→ C —	→ C →	→ B →	→ A →	— G —	→ G →	→ F →
Functional							
Voice-Leading							
5 → 3	→ G →	→ F →	— E —	→ E →	→ D →	→ C →	— B —
7 → 5	→ E →	— D —	→ D →	→ C →	→ B →	— A —	→ A →
3 → 1	→ C —	→ C →	→ B →	→ A →	— G —	→ G →	→ F →
1 — 7	→ E →	→ D →	→ D →	→ C →	→ B →	→ A →	→ A →
	→ B →	→ A →	→ G →	→ F →	→ F →	→ E →	→ D →
	→ G →	→ F →	→ E →	→ E →	→ D →	→ C →	→ B →
	→ E →	→ D →	→ D →	→ C →	→ B →	→ A →	→ A →
	→ G →	→ F →	→ E →	→ E →	→ D →	→ C →	→ B →
	→ C —	→ C →	→ B →	→ A →	→ G —	→ G →	→ F →
	→ B →	→ A →	→ G →	→ F →	→ F →	→ E →	→ D →



M.S.R.P. C C B A G

||: C C B A G G F E D D C B A A G F E E D C B B A G F F E D :||



Chord Family: 7th

Cycle: 2

Scale: C major

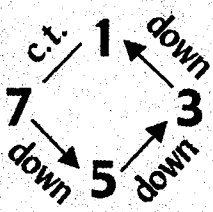
Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 → 2nd
3 → 2nd
5 → 2nd
1 — c.t.

**Functional
Voice-Leading**

7 → 5
3 → 1
5 → 3
1 — 7



	Cmaj7	Dm7	Em7	Fmaj7	G7	Am7	Bm7(b5)
—	B →	A →	G →	F —	F →	E →	D →
• →	E →	D —	D →	C →	B →	A —	A →
• →	G →	F →	E —	E →	D →	C →	B —
→	C —	C →	B →	A →	G —	G →	F →
→	C —	C →	B →	A →	G —	G →	F →
→	G →	F →	E —	E →	D →	C →	B —
—	B →	A →	G →	F —	F →	E →	D →
→	E →	D —	D →	C →	B →	A —	A →
→	E →	D —	D →	C →	B →	A —	A →
—	B →	A →	G →	F —	F →	E →	D →
→	C —	C →	B →	A →	G —	G →	F →
→	G →	F →	E —	E →	D →	C →	B —
→	G →	F →	E —	E →	D →	C →	B —
→	C —	C →	B →	A →	G —	G →	F →
→	E →	D —	D →	C →	B →	A —	A →
—	B →	A →	G →	F —	F →	E →	D →

M.S.R.P. **CCBAG**

||: CCBAGGFEDDCBAAGFEEDCBBAGFFED:||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th

Cycle: 2

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

Intervallic

Voice-Leading

3 → 2nd

5 → 2nd

7 → 2nd

1 — c.t.

Cmaj7

Dm7

Em7

Fmaj7

G7

Am7

Bm7(b5)

→	E	→	D	—	D	→	C	→	B	→	A	—	A	→	
•	→	G	→	F	→	E	—	E	→	D	→	C	→	B	—
•	—	B	→	A	→	G	→	F	—	F	→	E	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—	
—	B	→	A	→	G	→	F	—	F	→	E	→	D	→	
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→	
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—	
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→	
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—	
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	
→	E	→	D	—	D	→	C	→	B	→	A	—	A	→	
→	G	→	F	→	E	—	E	→	D	→	C	→	B	—	
—	B	→	A	→	G	→	F	—	F	→	E	→	D	→	

Functional

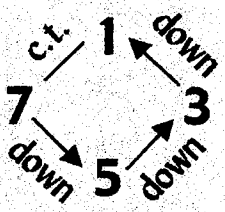
Voice-Leading

3 → 1

5 → 3

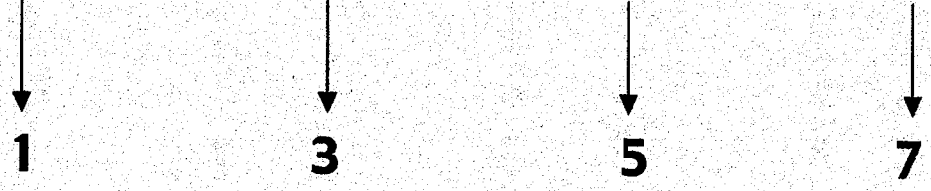
7 → 5

1 — 7



M.S.R.P. **CCBAG**

||: CCBAGGFEDDCBAAAGFEEDCBBAGFFED:||



Chord Family: 7th
Voicing Type: 4-way close

Cycle: 4

Scale: C major

Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

Intervallic

Voice-Leading

7 → 2nd

5 → 2nd

3 — c.t.

1 — c.t.

Functional

Voice-Leading

7 → 3

5 → 1

3 — 7

1 — 5

1

7 ^{c.t.} | 3
5 _{c.t.}

1

7 _{down} | 3
5 _{down}

M.S.R.P.

1) C C B B A

2) E E D D C

1) ||: C C B B A A G G F F E E D D :|| 2) ||: E E D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 4

Scale: C major

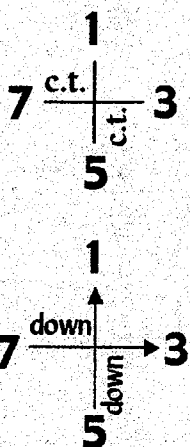
Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

**Intervallic
Voice-Leading**

3 — c.t.
 7 → 2nd
 5 → 2nd
 1 — c.t.

**Functional
Voice-Leading**

3 — 7
 7 → 3
 5 → 1
 1 — 5



→	E —	E →	D —	D →	C —	C →	B —
• —	B →	A —	A →	G —	G →	F —	F →
• —	G →	F —	F →	E —	E →	D —	D →
→	C —	C →	B —	B →	A —	A →	G —
—	B →	A —	A →	G —	G →	F —	F →
→	E —	E →	D —	D →	C —	C →	B —
→	C —	C →	B —	B →	A —	A →	G —
—	G →	F —	F →	E —	E →	D —	D →
—	G →	F —	F →	E —	E →	D —	D →
• →	C —	C →	B —	B →	A —	A →	G —
• —	B →	A —	A →	G —	G →	F —	F →
→	E —	E →	D —	D →	C —	C →	B —
→	C —	C →	B —	B →	A —	A →	G —
—	G →	F —	F →	E —	E →	D —	D →
→	E —	E →	D —	D →	C —	C →	B —
—	B →	A —	A →	G —	G →	F —	F →

M.S.R.P. 1) **CCBBA** 2) **EEDDC**

1) ||: **CCBBAAGGFFEEDD** || 2) ||: **EEDDCCBBAAGGFF** ||

↓ ↓ ↓ ↓

1 5 3 7

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 4

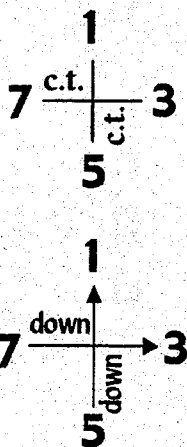
Scale: C major

**Intervallic
Voice-Leading**

5 → 2nd
 3 — c.t.
 7 → 2nd
 1 — c.t.

**Functional
Voice-Leading**

5 → 1
 3 — 7
 7 → 3
 1 — 5



Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

—	G →	F —	F →	E —	E →	D —	D →
• →	E —	E →	D —	D →	C —	C →	B —
• —	B →	A —	A →	G —	G →	F —	F →
→	C —	C →	B —	B →	A —	A →	G —
→	C —	C →	B —	B →	A —	A →	G —
—	B →	A —	A →	G —	G →	F —	F →
→	E —	E →	D —	D →	C —	C →	B —
—	G →	F —	F →	E —	E →	D —	D →
—	B →	A —	A →	G —	G →	F —	F →
• —	G →	F —	F →	E —	E →	D —	D →
• →	C —	C →	B —	B →	A —	A →	G —
→	E —	E →	D —	D →	C —	C →	B —
→	E —	E →	D —	D →	C —	C →	B —
→	C —	C →	B —	B →	A —	A →	G —
—	G →	F —	F →	E —	E →	D —	D →
—	B →	A —	A →	G —	G →	F —	F →

M.S.R.P. 1) C C B B A 2) E E D D C

1) ||: C C B B A A G G F F E E D D :|| 2) ||: E E D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 4

Scale: C major

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 → 2nd

7 → 2nd

3 — c.t.

1 — c.t.

Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

—	G →	F —	F →	E —	E →	D —	D →
• —	B →	A —	A →	G —	G →	F —	F →
• →	E —	E →	D —	D →	C —	C →	B —
→	C —	C →	B —	B →	A —	A →	G —
→	C —	C →	B —	B →	A —	A →	G —
→	E —	E →	D —	D →	C —	C →	B —
—	B →	A —	A →	G —	G →	F —	F →
—	G →	F —	F →	E —	E →	D —	D →
—	B →	A —	A →	G —	G →	F —	F →
• →	C —	C →	B —	B →	A —	A →	G —
• —	G →	F —	F →	E —	E →	D —	D →
→	E —	E →	D —	D →	C —	C →	B —
→	E —	E →	D —	D →	C —	C →	B —
—	G →	F —	F →	E —	E →	D —	D →
→	C —	C →	B —	B →	A —	A →	G —
—	B →	A —	A →	G —	G →	F —	F →

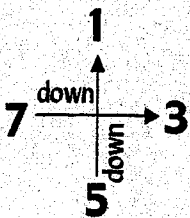
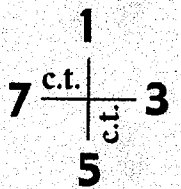
Functional
Voice-Leading

5 → 1

7 → 3

3 — 7

1 — 5



M.S.R.P.

1) C C B B A

2) E E D D C

1) ||: C C B B A A G G F F E E D D :|| 2) ||: E E D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 4

Scale: C major

Voicing Type: Drop 2 & 4

Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

Intervallic

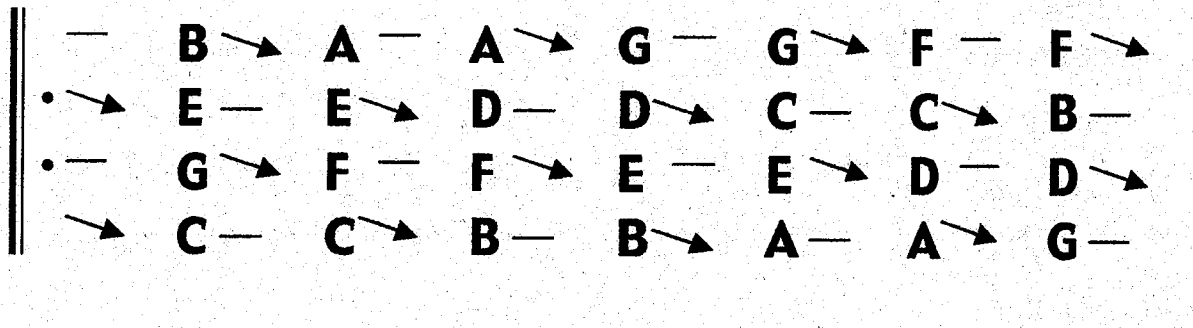
Voice-Leading

7 → 2nd

3 — c.t.

5 → 2nd

1 — c.t.



Functional

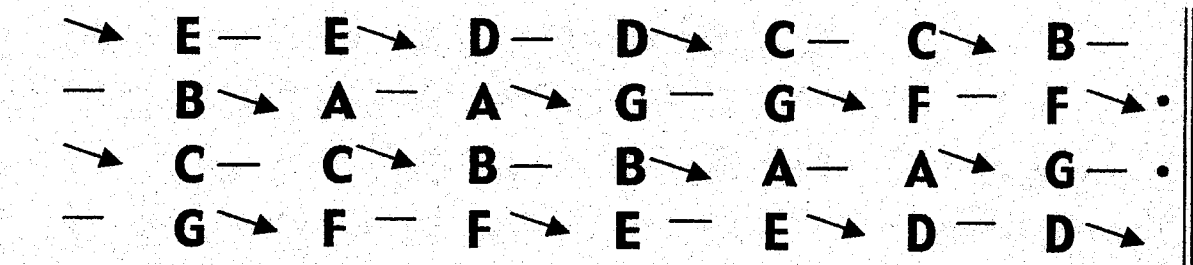
Voice-Leading

7 → 3

3 — 7

5 → 1

1 — 5



1

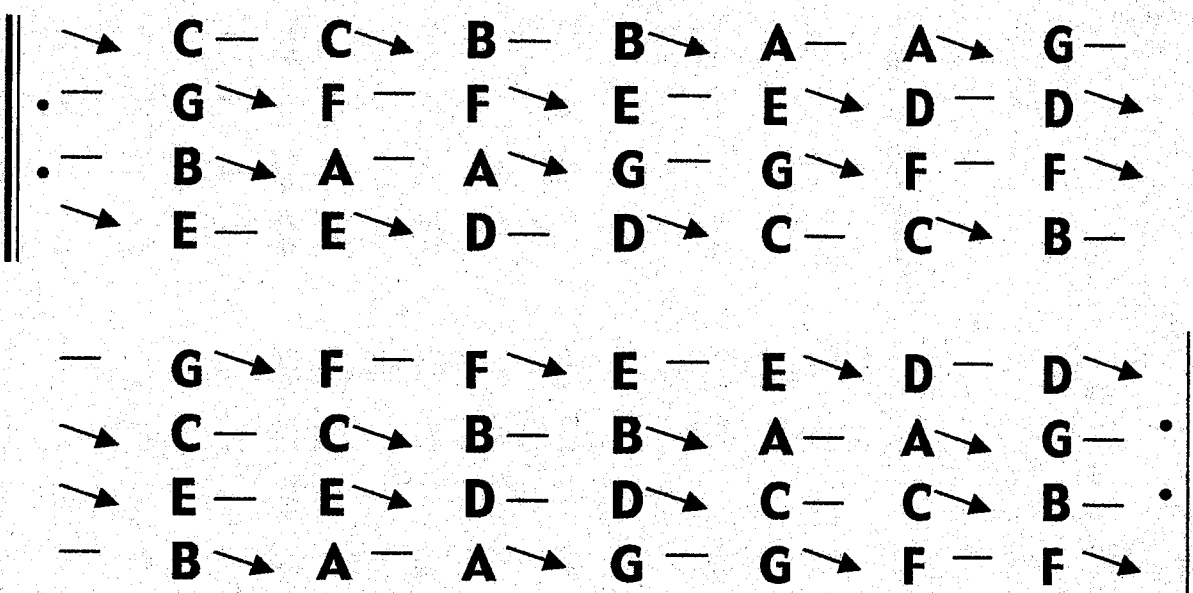
7 c.t. 3

5

1

7 down 3

5 down



M.S.R.P.

1) C C B B A

2) E E D D C

1) ||: C C B B A A G G F F E E D D :|| 2) ||: E E D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 4

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

Cmaj7 Fmaj7 Bm7(b5) Em7 Am7 Dm7 G7

Intervallic

Voice-Leading

3 — c.t.

5 → 2nd

7 → 2nd

1 — c.t.

→	E —	E →	D —	D →	C —	C →	B —
• —	G →	F —	F →	E —	E →	D —	D →
• —	B →	A —	A →	G —	G →	F —	F →
→	C —	C →	B —	B →	A —	A →	G —

Functional
Voice-Leading

3 — 7

5 → 1

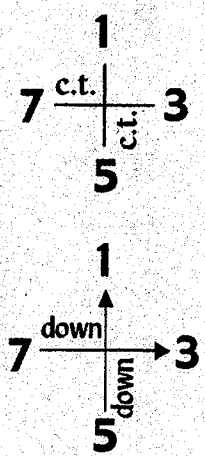
7 → 3

1 — 5

—	B →	A —	A →	G —	G →	F —	F →
→	C —	C →	B —	B →	A —	A →	G —
→	E —	E →	D —	D →	C —	C →	B —
—	G →	F —	F →	E —	E →	D —	D →

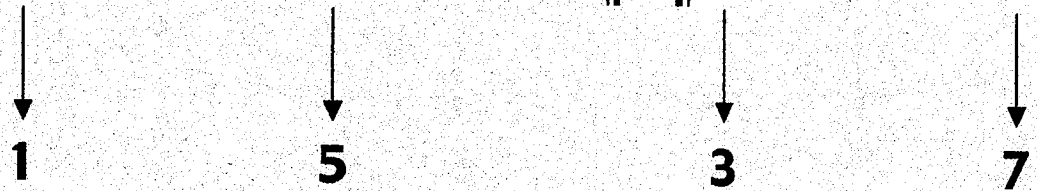
—	G →	F —	F →	E —	E →	D —	D →
• —	B →	A —	A →	G —	G →	F —	F →
• →	C —	C →	B —	B →	A —	A →	G —
→	E —	E →	D —	D →	C —	C →	B —

→	C —	C →	B —	B →	A —	A →	G —
→	E —	E →	D —	D →	C —	C →	B —
—	G →	F —	F →	E —	E →	D —	D →
—	B →	A —	A →	G —	G →	F —	F →



M.S.R.P. 1) C C B B A 2) E E D D C

1) ||: C C B B A A G G F F E E D D :|| 2) ||: E E D D C C B B A A G G F F :||



Chord Family: 7th

Cycle: 6

Scale: C major

Voicing Type: 4-way close

**Intervallic
Voice-Leading**

7 → 2nd

5 — c.t.

3 — c.t.

1 — c.t.

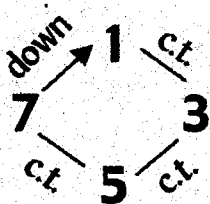
**Functional
Voice-Leading**

7 → 1

5 — 7

3 — 5

1 — 3



	Cmaj7	Am7	Fmaj7	Dm7	Bm7(b5)	G7	Em7
—	B →	A —	A —	A —	A →	G —	G —
• —	G —	G →	F —	F —	F —	F →	E —
• —	E —	E —	E →	D —	D —	D —	D →
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E —
—	E —	E —	E →	D —	D —	D —	D →
→	C —	C —	C —	C →	B —	B —	B —
—	B →	A —	A —	A —	A →	G —	G —
—	E —	E —	E →	D —	D —	D —	D →
→	C —	C —	C —	C →	B —	B —	B —
—	B →	A —	A —	A —	A →	G —	G —
—	G —	G →	F —	F —	F —	F →	E —
→	C —	C —	C —	C →	B —	B —	B —
—	B →	A —	A —	A —	A →	G —	G —
—	G —	G →	F —	F —	F —	F →	E —
—	E —	E —	E →	D —	D —	D —	D →

M.S.R.P. C C C C B

||: C C C C B B B B A A A A G G G G F F F F E E E E D D D D :||

↓
1

↓
7

↓
5

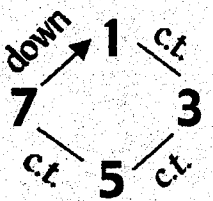
↓
3

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 6

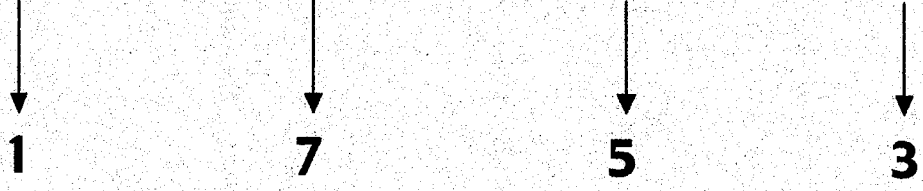
Scale: C major

	Cmaj7	Am7	Fmaj7	Dm7	Bm7(b5)	G7	Em7
Intervallic Voice-Leading	E —	E —	E →	D —	D —	D —	D →
3 — c.t.	B →	A —	A —	A —	A →	G —	G —
7 → 2nd	G —	G →	F —	F —	F —	F →	E —
5 — c.t.	C —	C —	C —	C →	B —	B —	B —
1 — c.t.	C →	C —	C —	C →	B —	B —	B —
	G —	G →	F —	F —	F —	F →	E —
Functional Voice-Leading	E —	E —	E →	D —	D —	D —	D →
	B →	A —	A —	A —	A →	G —	G —
3 — 5	B →	A —	A —	A —	A →	G —	G —
7 → 1	E —	E —	E →	D —	D —	D —	D →
5 — 7	C —	C —	C —	C →	B —	B —	B —
1 — 3	G —	G →	F —	F —	F —	F →	E —
	C →	C —	C —	C →	B —	B —	B —
	B →	A —	A —	A —	A →	G —	G —
	E —	E —	E →	D —	D —	D —	D →



M.S.R.P. **C C C C B**

: C C C C B B B B A A A A G G G G F F F F E E E E D D D D :

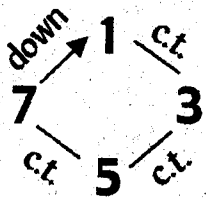


Chord Family: 7th
Voicing Type: Drop 3

Cycle: 6

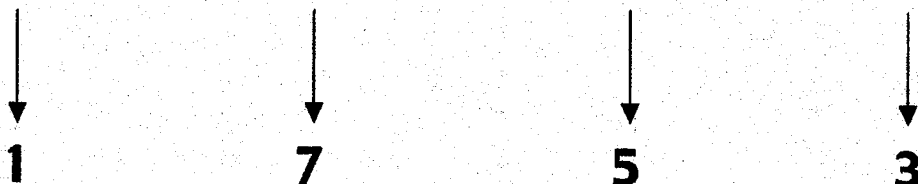
Scale: C major

	Cmaj7	Am7	Fmaj7	Dm7	Bm7(b5)	G7	Em7
Intervallic							
Voice-Leading	— G —	G →	F —	F —	F —	F →	E —
5 — c.t.	• — E —	E —	E →	D —	D —	D —	D →
3 — c.t.	• — B →	A —	A —	A —	A →	G —	G —
7 → 2nd	→ C —	C —	C —	C →	B —	B —	B —
1 — c.t.							
	— E —	E —	E →	D —	D —	D —	D →
	→ C —	C —	C —	C →	B —	B —	B —
Functional	— G —	G →	F —	F —	F —	F →	E —
Voice-Leading	— B →	A —	A —	A —	A →	G —	G —
5 — 7							
3 — 5	→ C —	C —	C —	C →	B —	B —	B —
7 → 1	— B →	A —	A —	A —	A →	G —	G —
1 — 3	— E —	E —	E →	D —	D —	D —	D →
	— G —	G →	F —	F —	F —	F →	E —
	— B →	A —	A —	A —	A →	G —	G —
	— G —	G →	F —	F —	F —	F →	E —
	→ C —	C —	C —	C →	B —	B —	B —
	— E —	E —	E →	D —	D —	D —	D →



M.S.R.P. **CCCCB**

||:CCCCBBBBAAAAGGGGFFFFEEEDDDD:||



Chord Family: 7th

Cycle: 6

Scale: C major

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 — c.t.

7 → 2nd

3 — c.t.

1 — c.t.

Cmaj7 Am7 Fmaj7 Dm7 Bm7(b5) G7 Em7

—	G	G	F	F	F	F	E
• —	B	A	A	A	A	G	G
• —	E	E	E	D	D	D	D
↘	C	C	C	C	B	B	B

Functional

Voice-Leading

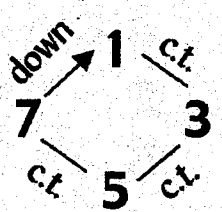
5 — 7

7 → 1

3 — 5

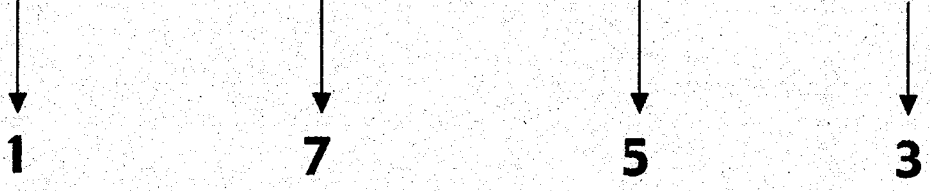
1 — 3

—	E	E	E	D	D	D	D
—	G	G	F	F	F	F	E
↘	C	C	C	C	B	B	B
—	B	A	A	A	A	G	G
↘	C	C	C	C	B	B	B
—	E	E	E	D	D	D	D
—	B	A	A	A	A	G	G
—	G	G	F	F	F	F	E
—	B	A	A	A	A	G	G
↘	C	C	C	C	B	B	B
—	G	G	F	F	F	F	E
—	E	E	E	D	D	D	D



M.S.R.P. **CCCCB**

:CCCCBBBBAAGGGFFFEEDDD:



Chord Family: 7th

Cycle: 6

Scale: C major

Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 → 2nd

3 — c.t.

5 — c.t.

1 — c.t.

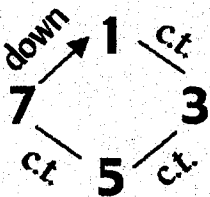
**Functional
Voice-Leading**

7 → 1

3 — 5

5 — 7

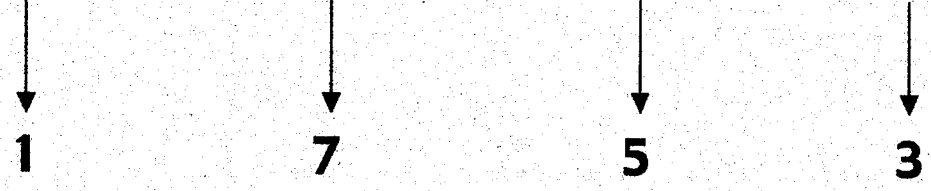
1 — 3



	Cmaj7	Am7	Fmaj7	Dm7	Bm7(b5)	G7	Em7
—	B →	A —	A —	A —	A →	G —	G —
• —	E —	E —	E →	D —	D —	D —	D →
• —	G —	G →	F —	F —	F —	F →	E —
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E —
→	C —	C —	C —	C →	B —	B —	B —
—	E —	E —	E →	D —	D —	D —	D →
—	B →	A —	A —	A —	A →	G —	G —
—	E —	E —	E →	D —	D —	D —	D →
—	B →	A —	A —	A —	A →	G —	G —
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E —
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E —
—	B →	A —	A —	A —	A →	G —	G —
—	E —	E —	E →	D —	D —	D —	D →

M.S.R.P. **CCCCB**

:CCCCBBBBAAGGGFFFEEDDD :



Chord Family: 7th

Cycle: 6

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

Intervallic

Voice-Leading

3 — c.t.

5 — c.t.

7 → 2nd

1 — c.t.

Cmaj7 Am7 Fmaj7 Dm7 Bm7(b5) G7 Em7

—	E	E	E →	D	D	D	D →
• —	G	G →	F	F	F	F →	E
• —	B →	A	A	A	A →	G	G
→	C	C	C	C →	B	B	B

→	C	C	C	C →	B	B	B
—	E	E	E →	D	D	D	D →
—	G	G →	F	F	F	F →	E
—	B →	A	A	A	A →	G	G

Functional
Voice-Leading

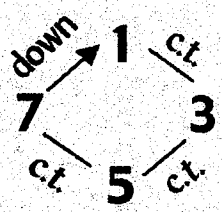
3 — 5

5 — 7

7 → 1

1 — 3

—	B →	A	A	A	A →	G	G
→	C	C	C	C →	B	B	B
—	E	E	E →	D	D	D	D →
—	G	G →	F	F	F	F →	E
—	G	G →	F	F	F	F →	E
—	B →	A	A	A	A →	G	G
→	C	C	C	C →	B	B	B
—	E	E	E →	D	D	D	D →



M.S.R.P. **CCCCB**

:CCCCBBBAAAAGGGGFFFFEEEDDD :|



Chord Family: 7th

Cycle: 7

Scale: C major

Voicing Type: 4-way close

Intervallic

Voice-Leading

7 — c.t.

5 → 2nd

3 → 2nd

1 → 2nd

Cmaj7

Bm7(b5)

Am7

G7

Fmaj7

Em7

Dm7

→	B —	B →	C →	D →	E —	E →	F →
• →	G →	A —	A →	B →	C →	D —	D →
• →	E →	F →	G —	G →	A →	B →	C —
—	C →	D →	E →	F —	F →	G →	A →

→	G →	A —	A →	B →	C →	D —	D →
→	E →	F →	G —	G →	A →	B →	C —
—	C →	D →	E →	F —	F →	G →	A →
→	B —	B →	C →	D →	E —	E →	F →

Functional

Voice-Leading

7 — 1

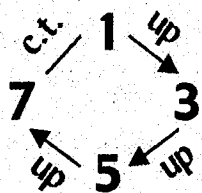
5 → 7

3 → 5

1 → 3

→	E →	F →	G —	G →	A →	B →	C —
—	C →	D →	E →	F —	F →	G →	A →
→	B —	B →	C →	D →	E —	E →	F →
→	G →	A —	A →	B →	C →	D —	D →

—	C →	D →	E →	F —	F →	G →	A →
→	B —	B →	C →	D →	E —	E →	F →
→	G →	A —	A →	B →	C →	D —	D →
→	E →	F →	G —	G →	A →	B →	C —



M.S.R.P. C D E F F

||: C D E F F G A B B C D E E F G A A B C D D E F G G A B C :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 7

Scale: C major

**Intervallic
Voice-Leading**

3 → 2nd
 7 — c.t.
 5 → 2nd
 1 → 2nd

Cmaj7 Bm7(b5) Am7 G7 Fmaj7 Em7 Dm7

→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	B	—	B	→	C	→	D	→	E	—	E	→	F	→
• →	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→

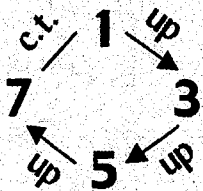
**Functional
Voice-Leading**

3 → 5
 7 — 1
 5 → 7
 1 → 3

—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→

→	B	—	B	→	C	→	D	→	E	—	E	→	F	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—



M.S.R.P. **C D E F F**

||: C D E F F G A B B C D E E F G A A B C D D E F G G A B C :||

↓
1

↓
7

↓
5

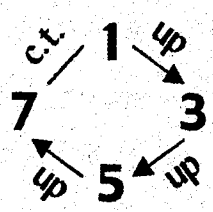
↓
3

Chord Family: 7th
Voicing Type: Drop 3

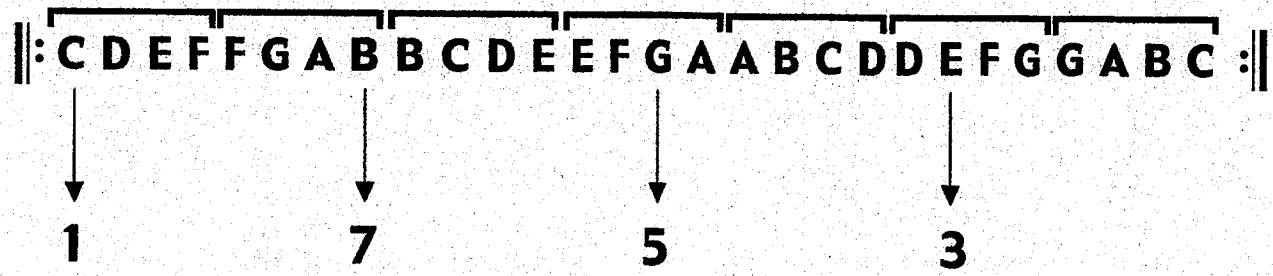
Cycle: 7

Scale: C major

	Cmaj7	Bm7(b5)	Am7	G7	Fmaj7	Em7	Dm7
Intervallic							
Voice-Leading							
5 → 2nd	→ G →	A —	A →	B →	C →	D —	D →
3 → 2nd	→ E →	F →	G —	G →	A →	B →	C —
7 — c.t.	→ B —	B →	C →	D →	E —	E →	F →
1 → 2nd	— C →	D →	E →	F —	F →	G →	A →
	→ E →	F →	G —	G →	A →	B →	C —
	— C →	D →	E →	F —	F →	G →	A →
Functional							
Voice-Leading							
5 → 7	→ G →	A —	A →	B →	C →	D —	D →
3 → 5	→ B —	B →	C →	D →	E —	E →	F →
7 — 1	— C →	D →	E →	F —	F →	G →	A →
1 → 3	→ B —	B →	C →	D →	E —	E →	F →
	→ E →	F →	G —	G →	A →	B →	C —
	→ G →	A —	A →	B →	C →	D —	D →
	→ B —	B →	C →	D →	E —	E →	F →
	→ G →	A —	A →	B →	C →	D —	D →
	— C →	D →	E →	F —	F →	G →	A →
	→ E →	F →	G —	G →	A →	B →	C —



M.S.R.P. **C D E F F**



Chord Family: 7th

Cycle: 7

Scale: C major

Voicing Type: Drop 2 & 3

**Intervallic
Voice-Leading**

5 → 2nd
7 — c.t.
3 → 2nd
1 → 2nd

Cmaj7 Bm7(b5) Am7 G7 Fmaj7 Em7 Dm7

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→	
•	→	B	—	B	→	C	→	D	→	E	—	E	→	F	→
•	→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
—	→	C	→	D	→	E	→	F	—	F	→	G	→	A	→

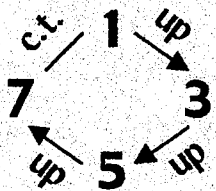
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—	
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→	
—	→	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→	

**Functional
Voice-Leading**

5 → 7
7 — 1
3 → 5
1 → 3

—	→	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—	
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→	
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→	

→	B	—	B	→	C	→	D	→	E	—	E	→	F	→	
—	→	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→	
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—	



M.S.R.P. **C D E F F**

:: C D E F F G A B B C D E E F G A A B C D D E F G G A B C ::

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 7

Scale: C major

**Intervallic
Voice-Leading**

7 — c.t.
 3 → 2nd
 5 → 2nd
 1 → 2nd

Cmaj7 Bm7(b5) Am7 G7 Fmaj7 Em7 Dm7

→	B —	B →	C →	D →	E —	E →	F →
• →	E →	F →	G —	G →	A →	B →	C —
• →	G →	A —	A →	B →	C →	D —	D →
—	C →	D →	E →	F —	F →	G →	A →

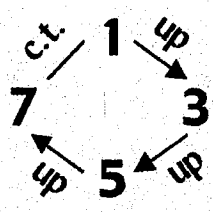
**Functional
Voice-Leading**

7 — 1
 3 → 5
 5 → 7
 1 → 3

→	G →	A —	A →	B →	C →	D —	D →
—	C →	D →	E →	F —	F →	G →	A →
→	E →	F →	G —	G →	A →	B →	C —
→	B —	B →	C →	D →	E —	E →	F →

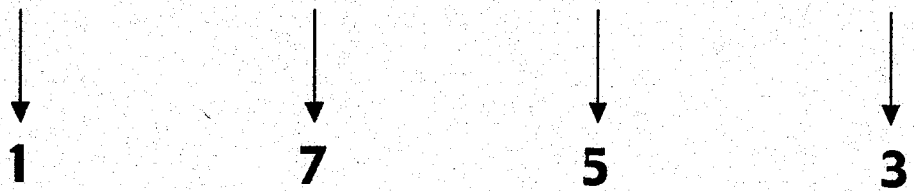
→	E →	F →	G —	G →	A →	B →	C —
→	B —	B →	C →	D →	E —	E →	F →
—	C →	D →	E →	F —	F →	G →	A →
→	G →	A —	A →	B →	C →	D —	D →

—	C →	D →	E →	F —	F →	G →	A →
→	G →	A —	A →	B →	C →	D —	D →
→	B —	B →	C →	D →	E —	E →	F →
→	E →	F →	G —	G →	A →	B →	C —



M.S.R.P. C D E F F

||: C D E F F G A B B C D E E F G A A B C D D E F G G A B C :||



Chord Family: 7th

Cycle: 7

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

Intervallic

Voice-Leading

3 → 2nd

5 → 2nd

7 — c.t.

1 → 2nd

Cmaj7

Bm7(b5)

Am7

G7

Fmaj7

Em7

Dm7

→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	G	→	A	—	A	→	B	→	C	→	D	—	D	→
• →	B	—	B	→	C	→	D	→	E	—	E	→	F	→
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→

Functional
Voice-Leading

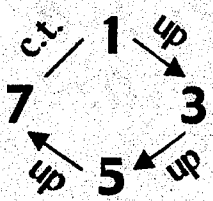
3 → 5

5 → 7

7 — 1

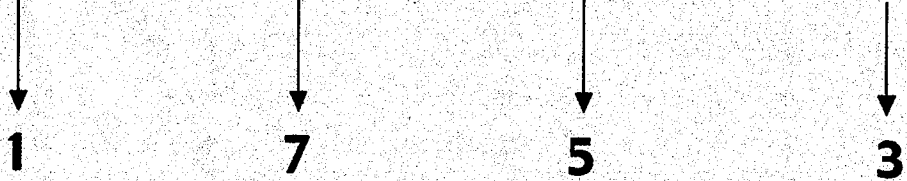
1 → 3

—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E	—	E	→	F	→
—	C	→	D	→	E	→	F	—	F	→	G	→	A	→
→	E	→	F	→	G	—	G	→	A	→	B	→	C	—



M.S.R.P. C D E F F

||: C D E F F G A B B C D E E F G A A B C D D E F G G A B C :||



Chord Family: 7th
Voicing Type: 4-way close

Cycle: 5

Scale: C major

	Cmaj7	G7	Dm7	Am7	Em7	Bm7(b5)	Fmaj7
Intervallic							
Voice-Leading							
7 — c.t.	• → B —	• → B →	• → C —	• → C →	• → D —	• → D →	• → E —
5 — c.t.	• → G —	• → G →	• → A —	• → A →	• → B —	• → B →	• → C —
3 → 2nd	• — E →	• — F —	• — F →	• — G —	• — G →	• — A —	• — A →
1 → 2nd	— C →	— D —	— D →	— E —	— E →	— F —	— F →
	— E →	— F —	— F →	— G —	— G →	— A —	— A →
	— C →	— D —	— D →	— E —	— E →	— F —	— F →
Functional							
Voice-Leading							
7 — 3	• → B —	• → B →	• → C —	• → C →	• → D —	• → D →	• → E —
5 — 1	• → G —	• → G →	• → A —	• → A →	• → B —	• → B →	• → C —
3 → 7	• — C →	• — D —	• — D →	• — E —	• — E →	• — F —	• — F →
1 → 5	• → B —	• → B →	• → C —	• → C →	• → D —	• → D →	• → E —
1	• → G —	• → G →	• → A —	• → A →	• → B —	• → B →	• → C —
7 c.t. 3	• — E →	• — F —	• — F →	• — G —	• — G →	• — A —	• — A →
5	• → G —	• → G →	• → A —	• → A →	• → B —	• → B →	• → C —
1	• — E →	• — F —	• — F →	• — G —	• — G →	• — A —	• — A →
7 ← 3	• — C →	• — D —	• — D →	• — E —	• — E →	• — F —	• — F →
5	• → B —	• → B →	• → C —	• → C →	• → D —	• → D →	• → E —

M.S.R.P. 1) C D D E E 2) E F F G G

1) ||: C D D E E F F G G A A B B C :|| 2) ||: E F F G G A A B B C C D D E :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 5

Scale: C major

Cmaj7 G7 Dm7 Am7 Em7 Bm7(b5) Fmaj7

Intervallic

Voice-Leading

3 → 2nd

7 — c.t.

5 — c.t.

1 → 2nd

Functional

Voice-Leading

3 → 7

7 — 3

5 — 1

1 → 5

1

7 ^{c.t.} | 3

5 _{c.t.}

1

7 _{up} | 3

5

—	E →	F —	F →	G —	G →	A —	A →
• →	B —	B →	C —	C →	D —	D →	E —
• →	G —	G →	A —	A →	B —	B →	C —
—	C →	D —	D →	E —	E →	F —	F →
→	B —	B →	C —	C →	D —	D →	E —
—	E →	F —	F →	G —	G →	A —	A →
—	C →	D —	D →	E —	E →	F —	F →
→	G —	G →	A —	A →	B —	B →	C —
→	G —	G →	A —	A →	B —	B →	C —
• —	C →	D —	D →	E —	E →	F —	F →
• →	B —	B →	C —	C →	D —	D →	E —
—	E →	F —	F →	G —	G →	A —	A →
—	C →	D —	D →	E —	E →	F —	F →
→	G —	G →	A —	A →	B —	B →	C —
—	E →	F —	F →	G —	G →	A —	A →
→	B —	B →	C —	C →	D —	D →	E —

M.S.R.P.

1) C D D E E

2) E F F G G

1) ||: C D D E E F F G G A A B B C :|| 2) ||: E F F G G A A B B C C D D E :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 5

Scale: C major

Cmaj7 G7 Dm7 Am7 Em7 Bm7(b5) Fmaj7

**Intervallic
 Voicing-Leading**

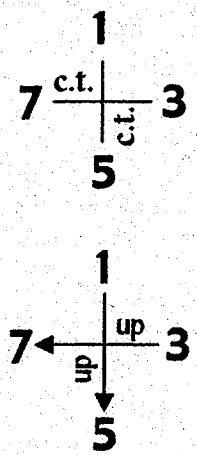
5 — c.t.
 3 ↗ 2nd
 7 — c.t.
 1 ↗ 2nd

↗	G	G	A	A	B	B	C
• —	E	F	F	G	G	A	A
• ↗	B	B	C	C	D	D	E
—	C	D	D	E	E	F	F
—	C	D	D	E	E	F	F
↗	B	B	C	C	D	D	E
—	E	F	F	G	G	A	A
↗	G	G	A	A	B	B	C

**Functional
 Voicing-Leading**

5 — 1
 3 ↗ 7
 7 — 3
 1 ↗ 5

↗	B	B	C	C	D	D	E
• ↗	G	G	A	A	B	B	C
• —	C	D	D	E	E	F	F
—	E	F	F	G	G	A	A
—	E	F	F	G	G	A	A
↗	B	B	C	C	D	D	E
↗	G	G	A	A	B	B	C
↗	B	B	C	C	D	D	E



M.S.R.P. 1) C D D E E 2) E F F G G

1) ||: C D D E E F F G G A A B B C :|| 2) ||: E F F G G A A B B C C D D E :||



Chord Family: 7th

Cycle: 5

Scale: C major

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 — c.t.

7 — c.t.

3 → 2nd

1 → 2nd

Cmaj7

G7

Dm7

Am7

Em7

Bm7(b5) Fmaj7

→	G	—	G	→	A	—	A	→	B	—	B	→	C	—	
•	→	B	—	B	→	C	—	C	→	D	—	D	→	E	—
•	—	E	→	F	—	F	→	G	—	G	→	A	—	A	→
—	—	C	→	D	—	D	→	E	—	E	→	F	—	F	→

—	C	→	D	—	D	→	E	—	E	→	F	—	F	→
—	E	→	F	—	F	→	G	—	G	→	A	—	A	→
→	B	—	B	→	C	—	C	→	D	—	D	→	E	—
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—

Functional

Voice-Leading

5 — 1

7 — 3

3 → 7

1 → 5

1

7 ^{c.t.} | 3

5 _{c.t.}

1

7 ← ^{up} | 3

5 _{up}

M.S.R.P.

1) C D D E E

2) E F F G G

1) ||: C D D E E F F G G A A B B C :|| 2) ||: E F F G G A A B B C C D D E :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C major

	Cmaj7	G7	Dm7	Am7	Em7	Bm7(b5)	Fmaj7
Intervallic Voice-Leading	B →	B →	C →	C →	D →	D →	E →
7 — c.t.	E →	F →	F →	G →	G →	A →	A →
3 → 2nd	G →	G →	A →	A →	B →	B →	C →
5 — c.t.	C →	D →	D →	E →	E →	F →	F →
1 → 2nd	E →	F →	F →	G →	G →	A →	A →
	B →	B →	C →	C →	D →	D →	E →
	C →	D →	D →	E →	E →	F →	F →
	G →	G →	A →	A →	B →	B →	C →
Functional Voice-Leading	C →	D →	D →	E →	E →	F →	F →
7 — 3	G →	G →	A →	A →	B →	B →	C →
3 → 7	B →	B →	C →	C →	D →	D →	E →
5 — 1	E →	F →	F →	G →	G →	A →	A →
1 → 5	G →	G →	A →	A →	B →	B →	C →
1	C →	D →	D →	E →	E →	F →	F →
7 c.t. 3	G →	G →	A →	A →	B →	B →	C →
5 c.t.	C →	D →	D →	E →	E →	F →	F →
1	E →	F →	F →	G →	G →	A →	A →
7 ← up 3	B →	B →	C →	C →	D →	D →	E →
5	E →	F →	F →	G →	G →	A →	A →

M.S.R.P. 1) \overline{CDDEE} 2) \overline{EFFGG}

1) ||: CDDEEFFFGGAABB C: || 2) ||: EFFFGGAABBCCDDE: ||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 5

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

3 → 2nd

5 — c.t.

7 — c.t.

1 → 2nd

**Functional
Voice-Leading**

3 → 7

5 — 1

7 — 3

1 → 5

1

7 ^{c.t.} | _{c.t.} 3

5

1

7 ← ₉ | ^{up} 3

5

	Cmaj7	G7	Dm7	Am7	Em7	Bm7(b5)	Fmaj7
—	E →	F —	F →	G —	G →	A —	A →
• →	G —	G →	A —	A →	B —	B →	C —
• →	B —	B →	C —	C →	D —	D →	E —
—	C →	D —	D →	E —	E →	F —	F →
→	B —	B →	C —	C →	D —	D →	E —
—	C →	D —	D →	E —	E →	F —	F →
—	E →	F —	F →	G —	G →	A —	A →
→	G —	G →	A —	A →	B —	B →	C —
→	G —	G →	A —	A →	B —	B →	C —
• →	B —	B →	C —	C →	D —	D →	E —
• —	C →	D —	D →	E —	E →	F —	F →
—	E →	F —	F →	G —	G →	A —	A →
—	C →	D —	D →	E —	E →	F —	F →
—	E →	F —	F →	G —	G →	A —	A →
→	G —	G →	A —	A →	B —	B →	C —
→	B —	B →	C —	C →	D —	D →	E —

M.S.R.P.

1) C D D E E

2) E F F G G

1) ||: C D D E E F F G G A A B B C :|| 2) ||: E F F G G A A B B C C D D E :||

↓
1

↓
5

↓
3

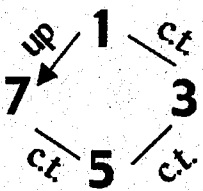
↓
7

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 3

Scale: C major

	Cmaj7	Em7	G7	Bm7(b5)	Dm7	Fmaj7	Am7
Intervallic							
Voice-Leading							
7 — c.t.	B →	B —	B —	B →	C —	C —	C —
5 — c.t.	G —	G —	G →	A —	A —	A —	A →
3 — c.t.	E —	E →	F —	F —	F —	F →	G —
1 → 2nd	C →	D —	D —	D —	D →	E —	E —
	C →	D —	D —	D —	D →	E —	E —
	B →	B —	B —	B →	C —	C —	C —
Functional							
Voice-Leading							
7 — 5	G —	G —	G →	A —	A —	A —	A →
5 — 3	E —	E →	F —	F —	F —	F →	G —
3 — 1	C →	D —	D —	D —	D →	E —	E —
1 → 7	B →	B —	B —	B →	C —	C —	C —
	G —	G —	G →	A —	A —	A —	A →
	E —	E →	F —	F —	F —	F →	G —
	C →	D —	D —	D —	D →	E —	E —
	B →	B —	B —	B →	C —	C —	C —



M.S.R.P. **C D D D D**

||: C D D D D E E E E F F F F G G G G A A A A B B B B C C C C :||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 3

Scale: C major

**Intervallic
Voice-Leading**

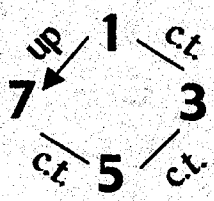
3 — c.t.
 7 — c.t.
 5 — c.t.
 1 → 2nd

**Functional
Voice-Leading**

3 — 1
 7 — 5
 5 — 3
 1 → 7

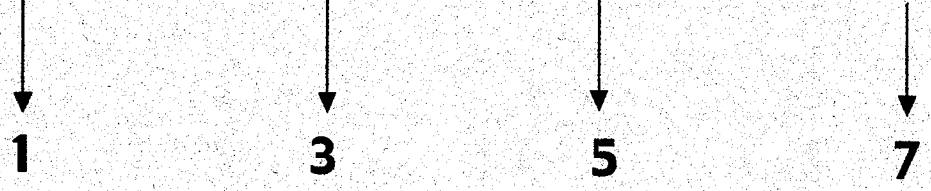
Cmaj7 Em7 G7 Bm7(b5) Dm7 Fmaj7 Am7

—	E —	E →	F —	F —	F —	F →	G —
• →	B —	B —	B —	B →	C —	C —	C —
• —	G —	G —	G →	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E —	E —
—	G —	G —	G →	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E —	E —
→	B —	B —	B —	B →	C —	C —	C —
—	E —	E →	F —	F —	F —	F →	G —
—	C →	D —	D —	D —	D →	E —	E —
—	G —	G —	G →	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E —	E —
—	G —	G —	G →	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E —	E —
—	G —	G —	G →	A —	A —	A —	A →
—	E —	E →	F —	F —	F —	F →	G —
→	B —	B —	B —	B →	C —	C —	C —



M.S.R.P. **C D D D D**

||: C D D D D E E E E F F F F G G G G A A A A B B B B C C C C :||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 3

Scale: C major

Cmaj7 Em7 G7 Bm7(b5) Dm7 Fmaj7 Am7

**Intervallic
 Voicing**

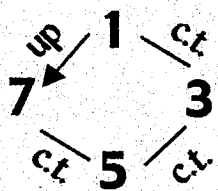
5 — c.t.
 3 — c.t.
 7 — c.t.
 1 → 2nd

—	G—	G—	G →	A—	A—	A—	A →
• —	E—	E →	F—	F—	F—	F →	G—
• →	B—	B—	B—	B →	C—	C—	C—
—	C →	D—	D—	D—	D →	E—	E—

**Functional
 Voicing**

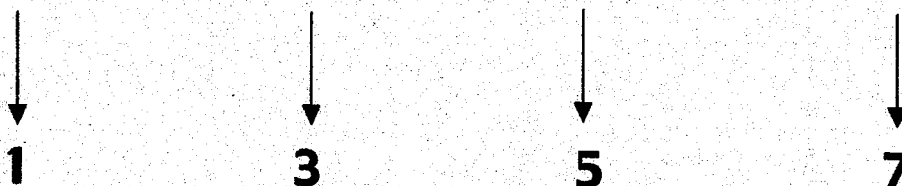
5 — 3
 3 — 1
 7 — 5
 1 → 7

→	B—	B—	B—	B →	C—	C—	C—
—	G—	G—	G →	A—	A—	A—	A →
—	C →	D—	D—	D—	D →	E—	E—
—	E—	E →	F—	F—	F—	F →	G—
—	C →	D—	D—	D—	D →	E—	E—
→	B—	B—	B—	B →	C—	C—	C—
—	E—	E →	F—	F—	F—	F →	G—
—	G—	G—	G →	A—	A—	A—	A →
—	E—	E →	F—	F—	F—	F →	G—
—	C →	D—	D—	D—	D →	E—	E—
—	G—	G—	G →	A—	A—	A—	A →
→	B—	B—	B—	B →	C—	C—	C—



M.S.R.P. **C D D D D**

||: **C D D D D E E E E F F F F G G G G A A A A B B B B C C C** :||

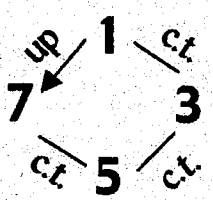


Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 3

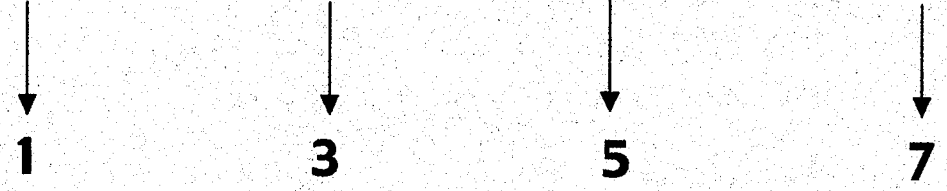
Scale: C major

	Cmaj7	Em7	G7	Bm7(b5)	Dm7	Fmaj7	Am7
Intervallic							
Voice-Leading							
7 — c.t.	↗ B —	B —	B —	B ↗	C —	C —	C —
3 — c.t.	• —	E ↗	F —	F —	F —	F ↗	G —
5 — c.t.	• —	G —	G ↗	A —	A —	A —	A ↗
1 ↗ 2nd	—	C ↗	D —	D —	D —	D ↗	E —
	—	C ↗	D —	D —	D —	D ↗	E —
	—	G —	G —	G ↗	A —	A —	A ↗
Functional							
Voice-Leading							
7 — 5	↗ B —	B —	B —	B ↗	C —	C —	C —
3 — 1	—	E ↗	F —	F —	F —	F ↗	G —
5 — 3	↗ B —	B —	B —	B ↗	C —	C —	C —
1 ↗ 7	—	C ↗	D —	D —	D —	D ↗	E —
	—	G —	G —	G ↗	A —	A —	A ↗
	—	C ↗	D —	D —	D —	D ↗	E —
	—	E —	E ↗	F —	F —	F —	F ↗
	↗ B —	B —	B —	B ↗	C —	C —	C —



M.S.R.P. **C D D D D**

||: C D D D D E E E E F F F F G G G G A A A A B B B B C C C C :||



Chord Family: 7th

Cycle: 3

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

Intervallic

Voice-Leading

3 — c.t.

5 — c.t.

7 — c.t.

1 → 2nd

Functional

Voice-Leading

3 — 1

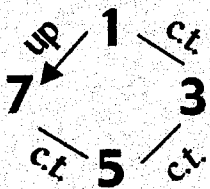
5 — 3

7 — 5

1 → 7

Cmaj7 Em7 G7 Bm7(b5) Dm7 Fmaj7 Am7

—	E —	E →	F —	F —	F —	F →	G —
• —	G —	G —	G →	A —	A —	A —	A →
• →	B —	B —	B —	B →	C —	C —	C —
—	C →	D —	D —	D —	D →	E —	E —
—	G —	G —	G →	A —	A —	A —	A →
→	B —	B —	B —	B →	C —	C —	C —
—	C →	D —	D —	D —	D →	E —	E —
—	E —	E →	F —	F —	F —	F →	G —
—	G —	G —	G →	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E —	E —
—	E —	E →	F —	F —	F —	F →	G —
—	G —	G —	G →	A —	A —	A —	A →
→	B —	B —	B —	B →	C —	C —	C —



M.S.R.P. **C D D D D**

::: C D D D D E E E E F F F F G G G G A A A A B B B B C C C C :::



SEVENTHS
ALL VOICINGS
ALL CYCLES
C MELODIC MINOR

Chord Family: 7th

Cycle: 2

Scale: C melodic minor

Voicing Type: 4-way close

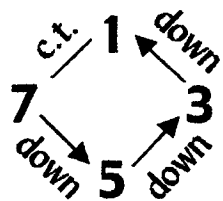
CmM7 Dm7 Eb+M7 F7 G7 Am7(b5) Bm7(b5)

**Intervallic
Voice-Leading**

7 → 2nd
5 → 2nd
3 → 2nd
1 — c.t.

**Functional
Voice-Leading**

7 → 5
5 → 3
3 → 1
1 — 7



—	B →	A →	G →	F —	F →	E ^b →	D →
• →	G →	F →	E ^b —	E ^b →	D →	C →	B —
• →	E ^b →	D —	D →	C →	B →	A —	A →
→	C —	C →	B →	A →	G —	G →	F →
→	C —	C →	B →	A →	G —	G →	F →
—	B →	A →	G →	F —	F →	E ^b →	D →
→	G →	F →	E ^b —	E ^b →	D →	C →	B —
→	E ^b →	D —	D →	C →	B →	A —	A →
→	E ^b →	D —	D →	C →	B →	A —	A →
→	C —	C →	B →	A →	G —	G →	F →
—	B →	A →	G →	F —	F →	E ^b →	D →
→	G →	F →	E ^b —	E ^b →	D →	C →	B —
→	G →	F →	E ^b —	E ^b →	D →	C →	B —
→	E ^b →	D —	D →	C →	B →	A —	A →
→	C —	C →	B →	A →	G —	G →	F →
—	B →	A →	G →	F —	F →	E ^b →	D →

M.S.R.P. C C B A G

||: C C B A G G F E^b D D C B A A G F E^b E^b D C B B A G F F E^b D:||

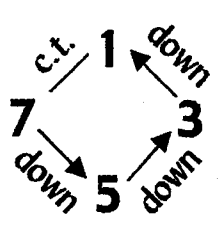


Chord Family: 7th
Voicing Type: Drop 2

Cycle: 2

Scale: C melodic minor

	CmM7	Dm7	Eb+M7	F7	G7	Am7(b5)	Bm7(b5)
Intervallic Voice-Leading	→ Eb	→ D	— D	→ C	→ B	→ A	— A
3 → 2nd	• — B	→ A	→ G	→ F	— F	→ Eb	→ D
7 → 2nd	• → G	→ F	→ Eb	— Eb	→ D	→ C	→ B
5 → 2nd	→ C	— C	→ B	→ A	→ G	— G	→ F
1 — c.t.							
	→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B
	→ C	— C	→ B	→ A	→ G	— G	→ F
Functional Voice-Leading	— B	→ A	→ G	→ F	— F	→ Eb	→ D
3 → 1	→ Eb	→ D	— D	→ C	→ B	→ A	— A
7 → 5	→ C	— C	→ B	→ A	→ G	— G	→ F
5 → 3	→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B
1 — 7							
	→ C	— C	→ B	→ A	→ G	— G	→ F
	→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B
	→ Eb	→ D	— D	→ C	→ B	→ A	— A
	— B	→ A	→ G	→ F	— F	→ Eb	→ D



M.S.R.P. C C B A G

||: C C B A G G F Eb D D C B A A G F Eb Eb D C B B A G F F Eb D:||

↓
↓
↓
↓

1
3
5
7

Chord Family: 7th
Voicing Type: Drop 3

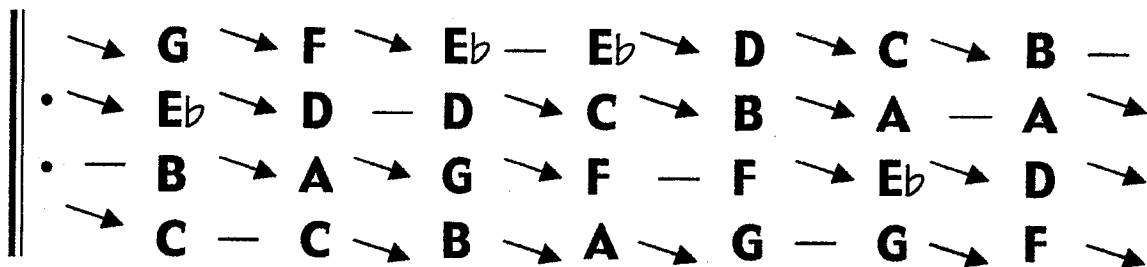
Cycle: 2

Scale: C melodic minor

CmM7 Dm7 Eb+M7 F7 G7 Am7(b5) Bm7(b5)

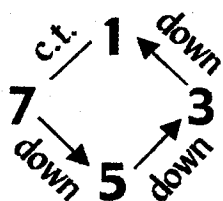
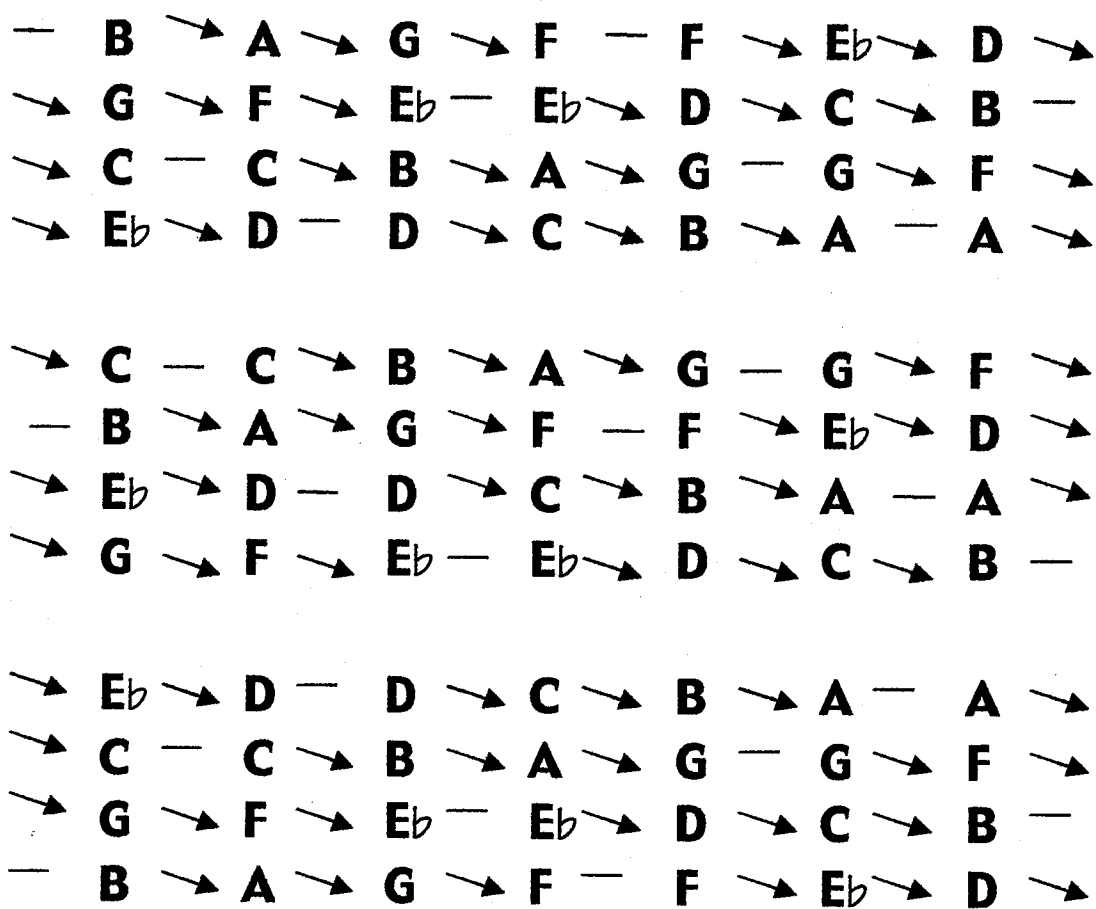
**Intervallic
 Voice-Leading**

5 → 2nd
 3 → 2nd
 7 → 2nd
 1 — c.t.



**Functional
 Voice-Leading**

5 → 3
 3 → 1
 7 → 5
 1 — 7



M.S.R.P. **CCBAG**

||: C C B A G G F Eb D D C B A A G F Eb Eb D C B B A G F F Eb D :||



Chord Family: 7th

Cycle: 2

Scale: C melodic minor

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 → 2nd

7 → 2nd

3 → 2nd

1 — c.t.

CmM7 Dm7 Eb+M7 F7 G7 Am7(b5) Bm7(b5)

→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
• —	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
• →	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→

Functional

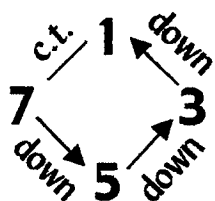
Voice-Leading

5 → 3

7 → 5

3 → 1

1 — 7



M.S.R.P. **CCBAG**

||: **CCBAGGF_bDDCBAAGF_bE_bDCBBAGFFE_bD**:||



Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 2

Scale: C melodic minor

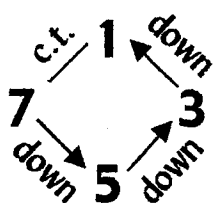
CmM7 Dm7 Eb+M7 F7 G7 Am7(b5) Bm7(b5)

**Intervallic
 Voicing**
 7 → 2nd
 3 → 2nd
 5 → 2nd
 1 — c.t.

—	B	→	A	→	G	→	F	—	F	→	Eb	→	D	→	
•	→	Eb	→	D	—	D	→	C	→	B	→	A	—	A	→
•	→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	

**Functional
 Voicing**
 7 → 5
 3 → 1
 5 → 3
 1 — 7

→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—
—	B	→	A	→	G	→	F	—	F	→	Eb	→	D	→
→	Eb	→	D	—	D	→	C	→	B	→	A	—	A	→
→	Eb	→	D	—	D	→	C	→	B	→	A	—	A	→
—	B	→	A	→	G	→	F	—	F	→	Eb	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	Eb	→	D	—	D	→	C	→	B	→	A	—	A	→
—	B	→	A	→	G	→	F	—	F	→	Eb	→	D	→



M.S.R.P. **C C B A G**

||: **C C B A G G F Eb D D C B A A G F Eb Eb D C B B A G F F Eb D** :||



Chord Family: 7th

Cycle: 2

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Dm7 Eb+M7 F7 G7 Am7(b5) Bm7(b5)

Intervallic

Voice-Leading

3 → 2nd

5 → 2nd

7 → 2nd

1 — c.t.

→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→	
•	→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
•	—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→	

Functional

Voice-Leading

3 → 1

5 → 3

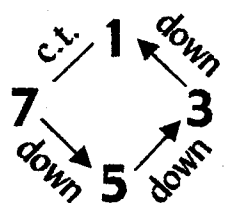
7 → 5

1 — 7

→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→

—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→
→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—

→	C	—	C	→	B	→	A	→	G	—	G	→	F	→
→	E _b	→	D	—	D	→	C	→	B	→	A	—	A	→
→	G	→	F	→	E _b	—	E _b	→	D	→	C	→	B	—
—	B	→	A	→	G	→	F	—	F	→	E _b	→	D	→



M.S.R.P. **CCBAG**

||: **CCBAGGF_bDDCBAAGF_bE_bDCBBAGFF_bD**:||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th

Cycle: 4

Scale: C melodic minor

Voicing Type: 4-way close

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

7 → 2nd

5 → 2nd

3 — c.t.

1 — c.t.

—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• →	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

Functional

Voice-Leading

7 → 3

5 → 1

3 — 7

1 — 5

1

7	c.t.	3
5	c.t.	3

5

1

7	down	3
5	down	3

5

→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
• —	B	→	A	—	A	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→

M.S.R.P. 1) $\overbrace{C C B B A}$ 2) $\overbrace{E_b E_b D D C}$

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 4

Scale: C melodic minor

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

3 — c.t.
 7 ↘ 2nd
 5 ↘ 2nd
 1 — c.t.

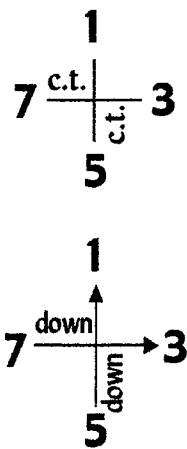
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
• —	B	→	A	—	A	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
↘	C	—	C	↘	B	—	B	↘	A	—	A	↘	G	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
↘	E _b	—	E _b	↘	D	—	D	↘	C	—	C	↘	B	—
↘	C	—	C	↘	B	—	B	↘	A	—	A	↘	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

Functional

Voice-Leading

3 — 7
 7 ↘ 3
 5 ↘ 1
 1 — 5

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• ↘	C	—	C	↘	B	—	B	↘	A	—	A	↘	G	—
• —	B	→	A	—	A	→	G	—	G	→	F	—	F	→
↘	E _b	—	E _b	↘	D	—	D	↘	C	—	C	↘	B	—
↘	C	—	C	↘	B	—	B	↘	A	—	A	↘	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
↘	E _b	—	E _b	↘	D	—	D	↘	C	—	C	↘	B	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→



M.S.R.P. 1) C C B B A 2) E_b E_b D D C

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 4

Scale: C melodic minor

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

5 → 2nd

3 — c.t.

7 → 2nd

1 — c.t.

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
•	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
•	B	→	A	—	A	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—

Functional

Voice-Leading

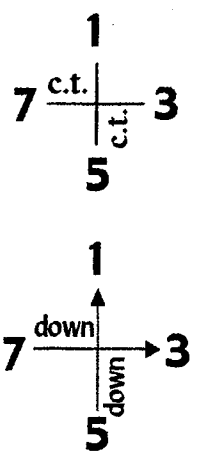
5 → 1

3 — 7

7 → 3

1 — 5

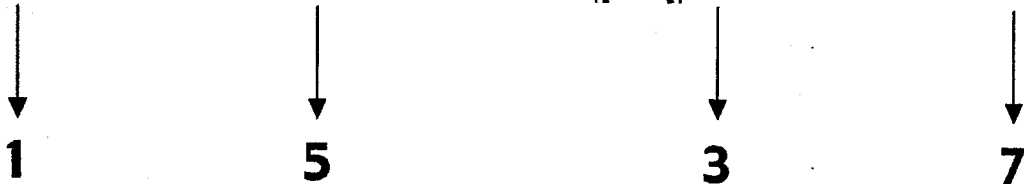
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→



—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
•	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
•	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→

M.S.R.P. 1) C C B B A 2) E_b E_b D D C

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||



Chord Family: 7th

Cycle: 4

Scale: C melodic minor

Voicing Type: Drop 2 & 3

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

5 → 2nd

7 → 2nd

3 — c.t.

1 — c.t.

Functional

Voice-Leading

5 → 1

7 → 3

3 — 7

1 — 5

1

7 c.t. | 3
c.t.

5

1
down | 3
down
5

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
•—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
•→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
•→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
•—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→

M.S.R.P. 1) $\overbrace{C C B B A}$ 2) $\overbrace{E_b E_b D D C}$

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 4

Scale: C melodic minor

Voicing Type: Drop 2 & 4

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

7 → 2nd

3 — c.t.

5 → 2nd

1 — c.t.

—	B	→	A	—	A	→	G	—	G	→	F	—	F	→	
•	→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
•	—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—	

Functional

Voice-Leading

7 → 3

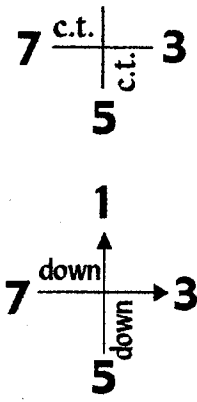
3 — 7

5 → 1

1 — 5

→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

→	C	—	C	→	B	—	B	→	A	—	A	→	G	—	
•	—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
•	—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—	



—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→

M.S.R.P. 1) C C B B A 2) E_b E_b D D C

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||



Chord Family: 7th

Cycle: 4

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 F7 Bm7(b5) Eb+M7 Am7(b5) Dm7 G7

Intervallic

Voice-Leading

3 — c.t.

5 → 2nd

7 → 2nd

1 — c.t.

→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—	
•	—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
•	—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—	
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→	
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—	
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—	
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→	

Functional

Voice-Leading

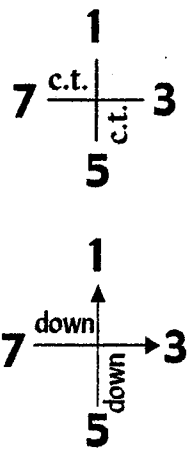
3 — 7

5 → 1

7 → 3

1 — 5

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→	
•	—	B	→	A	—	A	→	G	—	G	→	F	—	F	→
•	→	C	—	C	→	B	—	B	→	A	—	A	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—	
→	C	—	C	→	B	—	B	→	A	—	A	→	G	—	
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—	
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→	
—	B	→	A	—	A	→	G	—	G	→	F	—	F	→	



M.S.R.P. 1) C C B B A 2) E_b E_b D D C

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A A G G F F :||



Chord Family: 7th

Cycle: 6

Scale: C melodic minor

Voicing Type: 4-way close

CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

Intervallic

Voice-Leading

7 → 2nd

5 — c.t.

3 — c.t.

1 — c.t.

Functional

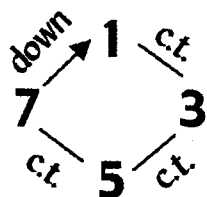
Voice-Leading

7 → 1

5 — 7

3 — 5

1 — 3



—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
• —	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
• —	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→

M.S.R.P. **C C C C B**

||: C C C C B B B B A A A A G G G G F F F F E_b E_b E_b E_b D D D D :||



Chord Family: 7th
Voicing Type: Drop 2

Cycle: 6

Scale: C melodic minor

CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

**Intervallic
Voice-Leading**

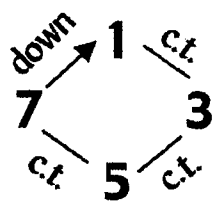
3 — c.t.
 7 → 2nd
 5 — c.t.
 1 — c.t.

—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
•	B	→	A	—	A	—	A	—	A	→	G	—	G	—
•	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—

**Functional
Voice-Leading**

3 — 5
 7 → 1
 5 — 7
 1 — 3

—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→



M.S.R.P. **C C C C B**

||: **C C C C B B B B A A A A G G G G F F F F E_b E_b E_b E_b D D D D** :||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 6

Scale: C melodic minor

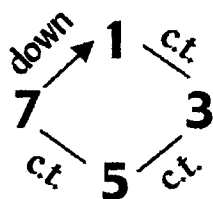
CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

**Intervallic
 Voicing-Leading**

5 — c.t.
 3 — c.t.
 7 → 2nd
 1 — c.t.

**Functional
 Voicing-Leading**

5 — 7
 3 — 5
 7 → 1
 1 — 3



—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
• —	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
• —	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E_b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E_b	—	E_b	—	E_b	→	D	—	D	—	D	—	D	→

M.S.R.P. **C C C C B**

||: C C C C B B B B A A A A G G G G F F F F E_b E_b E_b E_b D D D D :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 6

Scale: C melodic minor

Voicing Type: Drop 2 & 3

CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

**Intervallic
Voice-Leading**

5 — c.t.

7 → 2nd

3 — c.t.

1 — c.t.

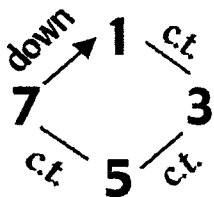
**Functional
Voice-Leading**

5 — 7

7 → 1

3 — 5

1 — 3



—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
• —	B	→	A	—	A	—	A	—	A	→	G	—	G	—
• —	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→

M.S.R.P. **C C C C B**

||: C C C C B B B B A A A A G G G G F F F F Eb Eb Eb Eb D D D D :||

1

7

5

3

Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 6

Scale: C melodic minor

CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

**Intervallic
Voice-Leading**

7 → 2nd

3 — c.t.

5 — c.t.

1 — c.t.

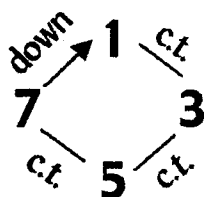
**Functional
Voice-Leading**

7 → 1

3 — 5

5 — 7

1 — 3



—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
• —	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
• —	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→

M.S.R.P. **C C C C B**

||: C C C C B B B B A A A A G G G G F F F F E_b E_b E_b E_b D D D D :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 6

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Am7(b5) F7 Dm7 Bm7(b5) G7 Eb+M7

**Intervallic
Voice-Leading**

3 — c.t.

5 — c.t.

7 → 2nd

1 — c.t.

—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
•	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
•	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→

**Functional
Voice-Leading**

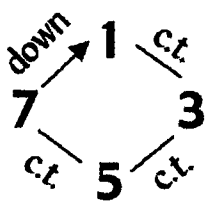
3 — 5

5 — 7

7 → 1

1 — 3

—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E _b	—
—	B	→	A	—	A	—	A	—	A	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E _b	—	E _b	—	E _b	→	D	—	D	—	D	—	D	→



M.S.R.P. **C C C C B**

||: C C C C B B B B A A A A G G G G F F F F E_b E_b E_b E_b D D D D :||



Chord Family: 7th

Cycle: 7

Scale: C melodic minor

Voicing Type: 4-way close

CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

Intervallic

Voice-Leading

7 — c.t.

5 → 2nd

3 → 2nd

1 → 2nd

→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→	
•	→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
•	→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→	

Functional

Voice-Leading

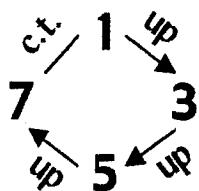
7 — 1

5 → 7

3 → 5

1 → 3

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→



—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—

M.S.R.P. C D E_b F F

||: C D E_b F F G A B B C D E_b E_b F G A A B C D D E_b F G G A B C :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 7

Scale: C melodic minor

CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

**Intervallic
Voice-Leading**

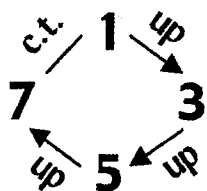
3 → 2nd
 7 — c.t.
 5 → 2nd
 1 → 2nd

→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
• →	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→

**Functional
Voice-Leading**

3 → 5
 7 — 1
 5 → 7
 1 → 3

—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→



→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—

M.S.R.P. C D E_b F F

||: C D E_b F F G A B B C D E_b E_b F G A A B C D D E_b F G G A B C :||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 7

Scale: C melodic minor

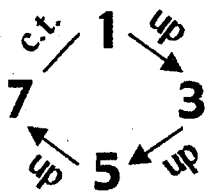
CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

**Intervallic
Voice-Leading**
 5 → 2nd
 3 → 2nd
 7 — c.t.
 1 → 2nd

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
• →	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→

**Functional
Voice-Leading**
 5 → 7
 3 → 5
 7 — 1
 1 → 3

→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→



→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—

M.S.R.P. \overline{CDEbFF}

||: CDE_bF FGAB BCDE_bE_bFGA ABCD DE_bFGGABC :||

↓		↓		↓		↓	
1		7		5		3	

Chord Family: 7th

Cycle: 7

Scale: C melodic minor

Voicing Type: Drop 2 & 3

CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

Intervallic

Voice-Leading

5 → 2nd

7 — c.t.

3 → 2nd

1 → 2nd

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
• →	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
• →	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→

Functional

Voice-Leading

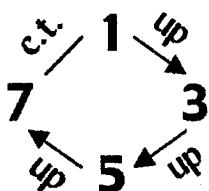
5 → 7

7 — 1

3 → 5

1 → 3

→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—



M.S.R.P. C D E_b F F

||: C D E_b F F G A B B C D E_b E_b F G A A B C D D E_b F G G A B C :||



Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 7

Scale: C melodic minor

CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

**Intervallic
Voice-Leading**

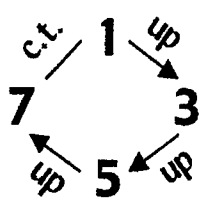
7 — c.t.
 3 → 2nd
 5 → 2nd
 1 → 2nd

→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
• →	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→

**Functional
Voice-Leading**

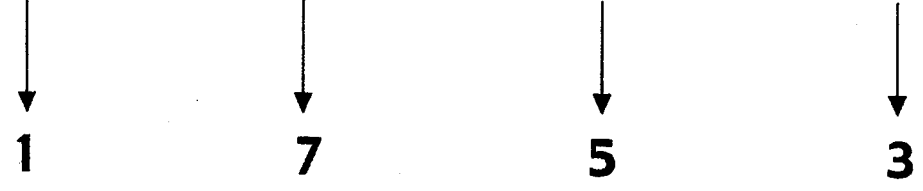
7 — 1
 3 → 5
 5 → 7
 1 → 3

→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—



M.S.R.P. **C D E_b F F**

||: **C D E_b F F G A B B C D E_b E_b F G A A B C D D E_b F G G A B C** :||



Chord Family: 7th

Cycle: 7

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Bm7(b5) Am7(b5) G7 F7 Eb+M7 Dm7

Intervallic

Voice-Leading

3 → 2nd

5 → 2nd

7 — c.t.

1 → 2nd

→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
• →	G	→	A	—	A	→	B	→	C	→	D	—	D	→
• →	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→

Functional

Voice-Leading

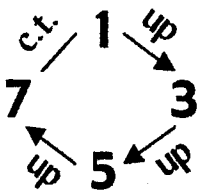
3 → 5

5 → 7

7 — 1

1 → 3

—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—
→	G	→	A	—	A	→	B	→	C	→	D	—	D	→



→	G	→	A	—	A	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A	→
→	E _b	→	F	→	G	—	G	→	A	→	B	→	C	—

M.S.R.P. C D E_b F F

||: C D E_b F F G A B B C D E_b E_b F G A A B C D D E_b F G G A B C :||



Chord Family: 7th
Voicing Type: 4-way close

Cycle: 5

Scale: C melodic minor

CmM7 G7 Dm7 Am7(b5) Eb+M7 Bm7(b5) F7

**Intervallic
Voice-Leading**

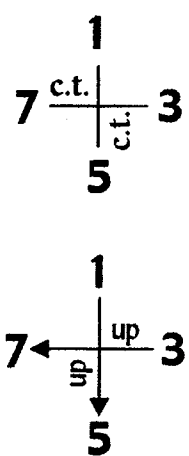
7 — c.t.
 5 — c.t.
 3 → 2nd
 1 → 2nd

→	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
• →	G	—	G	→	A	—	A	→	B	—	B	→	C	—
• —	Eb	→	F	—	F	→	G	—	G	→	A	—	A	→
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→

**Functional
Voice-Leading**

7 — 3
 5 — 1
 3 → 7
 1 → 5

→	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—



—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
• →	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
• →	G	—	G	→	A	—	A	→	B	—	B	→	C	—
—	Eb	→	F	—	F	→	G	—	G	→	A	—	A	→

M.S.R.P. 1) $\overbrace{CD DE^b Eb}$ 2) $\overbrace{Eb F FG G}$

1) ||: CDDE^bE^bFFGGAA BB C: || 2) ||: EbFFGGAA BBCC DD Eb: ||



Chord Family: 7th
Voicing Type: Drop 2

Cycle: 5

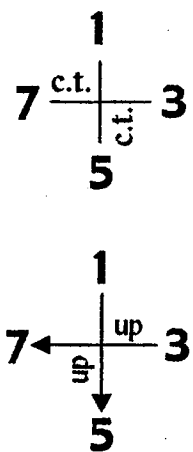
Scale: C melodic minor

**Intervallic
Voice-Leading**

3 → 2nd
 7 — c.t.
 5 — c.t.
 1 → 2nd

**Functional
Voice-Leading**

3 → 7
 7 — 3
 5 — 1
 1 → 5



	CmM7	G7	Dm7	Am7(b5)	Eb+M7	Bm7(b5)	F7
•	— Eb →	F —	F →	G —	G →	A —	A →
•	→ B —	B →	C —	C →	D —	D →	Eb —
•	→ G —	G →	A —	A →	B —	B →	C —
•	— C →	D —	D →	Eb —	Eb →	F —	F →
•	→ B —	B →	C —	C →	D —	D →	Eb —
•	— Eb →	F —	F →	G —	G →	A —	A →
•	— C →	D —	D →	Eb —	Eb →	F —	F →
•	→ G —	G →	A —	A →	B —	B →	C —
•	→ G —	G →	A —	A →	B —	B →	C —
•	— C →	D —	D →	Eb —	Eb →	F —	F →
•	→ B —	B →	C —	C →	D —	D →	Eb —
•	— Eb →	F —	F →	G —	G →	A —	A →
•	— C →	D —	D →	Eb —	Eb →	F —	F →
•	→ G —	G →	A —	A →	B —	B →	C —
•	— Eb →	F —	F →	G —	G →	A —	A →
•	→ B —	B →	C —	C →	D —	D →	Eb —

M.S.R.P. 1) CD DE_b Eb 2) Eb F FG G

1) ||: CDDE_bE_bFFGGAA BB C: || 2) ||: Eb F FGGA ABBCC DD Eb : ||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 5

Scale: C melodic minor

**Intervallic
Voice-Leading**

5 — c.t.
 3 ↗ 2nd
 7 — c.t.
 1 ↗ 2nd

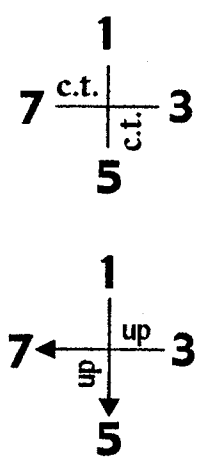
CmM7 G7 Dm7 Am7(b5) Eb+M7 Bm7(b5) F7

↗	G	—	G	↗	A	—	A	↗	B	—	B	↗	C	—
• —	E _b	↗	F	—	F	↗	G	—	G	↗	A	—	A	↗
• ↗	B	—	B	↗	C	—	C	↗	D	—	D	↗	E _b	—
—	C	↗	D	—	D	↗	E _b	—	E _b	↗	F	—	F	↗
—	C	↗	D	—	D	↗	E _b	—	E _b	↗	F	—	F	↗
↗	B	—	B	↗	C	—	C	↗	D	—	D	↗	E _b	—
—	E _b	↗	F	—	F	↗	G	—	G	↗	A	—	A	↗
↗	G	—	G	↗	A	—	A	↗	B	—	B	↗	C	—

**Functional
Voice-Leading**

5 — 1
 3 ↗ 7
 7 — 3
 1 ↗ 5

↗	B	—	B	↗	C	—	C	↗	D	—	D	↗	E _b	—
• ↗	G	—	G	↗	A	—	A	↗	B	—	B	↗	C	—
• —	C	↗	D	—	D	↗	E _b	—	E _b	↗	F	—	F	↗
—	E _b	↗	F	—	F	↗	G	—	G	↗	A	—	A	↗
—	E _b	↗	F	—	F	↗	G	—	G	↗	A	—	A	↗
—	C	↗	D	—	D	↗	E _b	—	E _b	↗	F	—	F	↗
↗	G	—	G	↗	A	—	A	↗	B	—	B	↗	C	—
↗	B	—	B	↗	C	—	C	↗	D	—	D	↗	E _b	—



M.S.R.P. 1) $\overbrace{CDDE^bE^b}$ 2) $\overbrace{E^bFFGG}$

1) ||: CDDE_bE_bFFGGAA BB C: || 2) ||: E_bFFFGGA ABBCC DD E_b : ||



Chord Family: 7th

Cycle: 5

Scale: C melodic minor

Voicing Type: Drop 2 & 3

**Intervallic
Voice-Leading**

5 — c.t.

7 — c.t.

3 → 2nd

1 → 2nd

CmM7 G7 Dm7 Am7(b5) Eb+M7 Bm7(b5) F7

→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
• →	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
• —	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—

**Functional
Voice-Leading**

5 — 1

7 — 3

3 → 7

1 → 5

1

7 ^{c.t.} | 3

5

1

7 _{up} | 3

5

→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
• —	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
• →	G	—	G	→	A	—	A	→	B	—	B	→	C	—
—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—

M.S.R.P.

1) $\overbrace{CDDE_b Eb}$

2) \overbrace{EbFFGG}

1) ||: CDDE_bE_bFFGGAA BB C: || 2) ||: E_bFFGGAA BB CC DD E_b : ||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C melodic minor

CmM7 G7 Dm7 Am7(b5) Eb+M7 Bm7(b5) F7

Intervallic

Voice-Leading

7 — c.t.

3 → 2nd

5 — c.t.

1 → 2nd

→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—	
•	—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
•	→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→	

Functional

Voice-Leading

7 — 3

3 → 7

5 — 1

1 → 5

—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—

1

7 ^{c.t.} | 3

5 _{c.t.}

—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→	
•	→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
•	→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→	

1

7 ← _{up} | 3

5 _{up}

→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
—	E _b	→	F	—	F	→	G	—	G	→	A	—	A	→
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—

M.S.R.P. 1) $\overbrace{CDDE_b Eb}$ 2) \overbrace{EbFFGG}

1) ||: CDDE_bE_bFFGGAA BB C: || 2) ||: E_bFFGGAA BB CC DD E_b : ||



Chord Family: 7th

Cycle: 5

Scale: C melodic minor

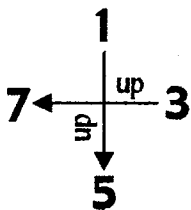
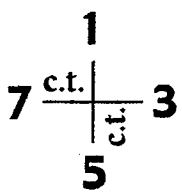
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

3 → 2nd
5 — c.t.
7 — c.t.
1 → 2nd

**Functional
Voice-Leading**

3 → 7
5 — 1
7 — 3
1 → 5



	CmM7	G7	Dm7	Am7(b5)	Eb+M7	Bm7(b5)	F7
•	E _b → F	F → G	G → A	A → B	B → C	C → D	D → E _b
•	G → A	A → B	B → C	C → D	D → E _b	E _b → F	F → G
•	B → C	C → D	D → E _b	E _b → F	F → G	G → A	A → B
•	C → D	D → E _b	E _b → F	F → G	G → A	A → B	B → C
•	B → C	C → D	D → E _b	E _b → F	F → G	G → A	A → B
•	C → D	D → E _b	E _b → F	F → G	G → A	A → B	B → C
•	E _b → F	F → G	G → A	A → B	B → C	C → D	D → E _b
•	G → A	A → B	B → C	C → D	D → E _b	E _b → F	F → G
•	B → C	C → D	D → E _b	E _b → F	F → G	G → A	A → B
•	C → D	D → E _b	E _b → F	F → G	G → A	A → B	B → C

M.S.R.P. 1) CD DE_b E_b 2) E_b F FG G

1) ||: CDDE_bE_bFFGGAA BB C:|| 2) ||: E_bFFGGAA BBCC DD E_b :||



Chord Family: 7th
Voicing Type: 4-way close

Cycle: 3

Scale: C melodic minor

**Intervallic
Voice-Leading**

7 — c.t.
 5 — c.t.
 3 — c.t.
 1 → 2nd

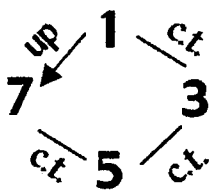
CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—	
•	—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
•	—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—	

**Functional
Voice-Leading**

7 — 5
 5 — 3
 3 — 1
 1 → 7

—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—



M.S.R.P. C D D D D

||: C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C :||

↓ 1 ↓ 3 ↓ 5 ↓ 7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 3

Scale: C melodic minor

CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

**Intervallic
 Voice-Leading**

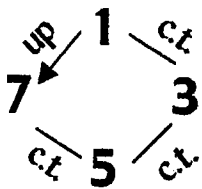
3 — c.t.
 7 — c.t.
 5 — c.t.
 1 → 2nd

—	E _b —	E _b →	F —	F —	F —	F —	F →	G —
• →	B —	B —	B —	B →	C —	C —	C —	C —
• —	G —	G —	G →	A —	A —	A —	A →	A →
—	C →	D —	D —	D —	D →	E _b —	E _b —	E _b —

**Functional
 Voice-Leading**

3 — 1
 7 — 5
 5 — 3
 1 → 7

—	G —	G —	G →	A —	A —	A —	A →	A →
—	C →	D —	D —	D —	D →	E _b —	E _b —	E _b —
→	B —	B —	B —	B →	C —	C —	C —	C —
—	E _b —	E _b →	F —	F —	F —	F →	G —	G —
—	C →	D —	D —	D —	D →	E _b —	E _b —	E _b —
—	G —	G —	G →	A —	A —	A —	A →	A →
—	C →	D —	D —	D —	D →	E _b —	E _b —	E _b —
—	G —	G —	G →	A —	A —	A —	A →	A →
—	E _b —	E _b →	F —	F —	F —	F →	G —	G —
→	B —	B —	B —	B →	C —	C —	C —	C —



M.S.R.P. **C D D D D**

||: **C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C** :||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 3

Scale: C melodic minor

CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

**Intervallic
Voice-Leading**

5 — c.t.
 3 — c.t.
 7 — c.t.
 1 → 2nd

—	G	—	G	—	G	→	A	—	A	—	A	—	A	→	
•	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—	
•	→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—	

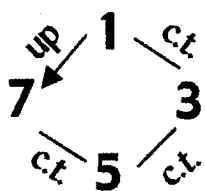
**Functional
Voice-Leading**

5 — 3
 3 — 1
 7 — 5
 1 → 7

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—

—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→

—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—



M.S.R.P. **C D D D D**

||: C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C :||



Chord Family: 7th

Cycle: 3

Scale: C melodic minor

Voicing Type: Drop 2 & 3

**Intervallic
Voice-Leading**

5 — c.t.

7 — c.t.

3 — c.t.

1 → 2nd

**Functional
Voice-Leading**

5 — 3

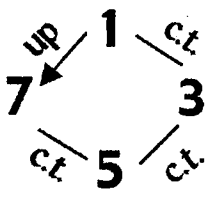
7 — 5

3 — 1

1 → 7

CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

—	G	—	G	—	G	↗	A	—	A	—	A	—	A	↗
• ↗	B	—	B	—	B	—	B	↗	C	—	C	—	C	—
• —	E_b	—	E_b	↗	F	—	F	—	F	—	F	↗	G	—
—	C	↗	D	—	D	—	D	—	D	↗	E_b	—	E_b	—
↗	B	—	B	—	B	—	B	↗	C	—	C	—	C	—
—	C	↗	D	—	D	—	D	—	D	↗	E_b	—	E_b	—
—	G	—	G	—	G	↗	A	—	A	—	A	—	A	↗
—	E_b	—	E_b	↗	F	—	F	—	F	—	F	↗	G	—
—	C	↗	D	—	D	—	D	—	D	↗	E_b	—	E_b	—
—	E_b	—	E_b	↗	F	—	F	—	F	—	F	↗	G	—
↗	B	—	B	—	B	—	B	↗	C	—	C	—	C	—
—	G	—	G	—	G	↗	A	—	A	—	A	—	A	↗
—	E_b	—	E_b	↗	F	—	F	—	F	—	F	↗	G	—
—	G	—	G	—	G	↗	A	—	A	—	A	—	A	↗
—	C	↗	D	—	D	—	D	—	D	↗	E_b	—	E_b	—
↗	B	—	B	—	B	—	B	↗	C	—	C	—	C	—



M.S.R.P. **C D D D D**

: C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C :



Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 3

Scale: C melodic minor

CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

**Intervallic
 Voice-Leading**

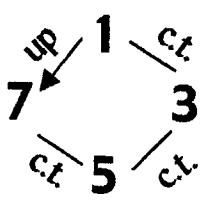
7 — c.t.
 3 — c.t.
 5 — c.t.
 1 → 2nd

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
•	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
•	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→

**Functional
 Voice-Leading**

7 — 5
 3 — 1
 5 — 3
 1 → 7

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	G	—	G	—	G	→	A	—	A	—	A	—	A	→
—	C	→	D	—	D	—	D	—	D	→	E _b	—	E _b	—
—	E _b	—	E _b	→	F	—	F	—	F	—	F	→	G	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—



M.S.R.P. **C D D D D**

||: **C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C** :||



Chord Family: 7th

Cycle: 3

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Eb+M7 G7 Bm7(b5) Dm7 F7 Am7(b5)

**Intervallic
Voice-Leading**

3 — c.t.

5 — c.t.

7 — c.t.

1 → 2nd

—	E _b —	E _b →	F —	F —	F —	F —	F →	G —
•	G —	G —	G →	A —	A —	A —	A —	A →
•	→ B —	B —	B —	B →	C —	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —	—

**Functional
Voice-Leading**

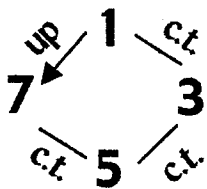
3 — 1

5 — 3

7 — 5

1 → 7

—	G —	G —	G →	A —	A —	A —	A —	A →
→	B —	B —	B —	B →	C —	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —	—
—	E _b —	E _b →	F —	F —	F —	F —	F →	G —
→	B —	B —	B —	B →	C —	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —	—
—	E _b —	E _b →	F —	F —	F —	F →	G —	—
—	G —	G —	G →	A —	A —	A —	A —	A →
—	C →	D —	D —	D —	D →	E _b —	E _b —	—
—	E _b —	E _b →	F —	F —	F —	F →	G —	•
—	G —	G —	G →	A —	A —	A —	A —	A →
→	B —	B —	B —	B →	C —	C —	C —	—



M.S.R.P. C D D D D

||: C D D D D E_b E_b E_b E_b F F F F G G G G A A A A B B B B C C C C :||



SEVENTHS
ALL VOICINGS
ALL CYCLES
C HARMONIC MINOR

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 2

Scale: C harmonic minor

CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

Intervallic

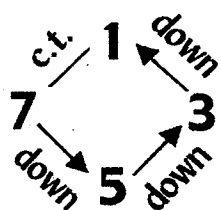
Voice-Leading

7 → 2nd
 5 → 2nd
 3 → 2nd
 1 — c.t.

Functional

Voice-Leading

7 → 5
 5 → 3
 3 → 1
 1 — 7



	CmM7	Dm7(b5)	Eb+M7	Fm7	G7	AbM7	B°7
—	B	Ab	G	F	F	Eb	D
• →	G	F	Eb	Eb	D	C	B
• →	Eb	D	D	C	B	Ab	Ab
→	C	C	B	Ab	G	G	F
→	C	C	B	Ab	G	G	F
—	B	Ab	G	F	F	Eb	D
→	G	F	Eb	Eb	D	C	B
→	Eb	D	D	C	B	Ab	Ab
→	Eb	D	D	C	B	Ab	Ab
→	C	C	B	Ab	G	G	F
—	B	Ab	G	F	F	Eb	D
→	G	F	Eb	Eb	D	C	B
→	G	F	Eb	Eb	D	C	B
→	Eb	D	D	C	B	Ab	Ab
→	C	C	B	Ab	G	G	F
—	B	Ab	G	F	F	Eb	D

M.S.R.P. $\overline{\text{CCBA}^b\text{G}}$

$\text{: CCBA}^b\text{G G FE}^b\text{D D C B A}^b\text{A}^b\text{G FE}^b\text{E}^b\text{D C BBA}^b\text{G FF}^b\text{D:}$



Chord Family: 7th
Voicing Type: Drop 2

Cycle: 2

Scale: C harmonic minor

CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

**Intervallic
Voice-Leading**

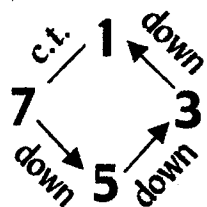
3 → 2nd
 7 → 2nd
 5 → 2nd
 1 — c.t.

→ Eb → D — D → C → B → Ab — Ab →
• — B → Ab → G → F — F → Eb → D →
• → G → F → Eb — Eb → D → C → B —
→ C — C → B → Ab → G — G → F →

**Functional
Voice-Leading**

3 → 1
 7 → 5
 5 → 3
 1 — 7

→ G → F → Eb — Eb → D → C → B —
→ C — C → B → Ab → G — G → F →
— B → Ab → G → F — F → Eb → D →
→ Eb → D — D → C → B → Ab — Ab →
— B → Ab → G → F — F → Eb → D →
→ Eb → D — D → C → B → Ab — Ab →
→ C — C → B → Ab → G — G → F →
→ G → F → Eb — Eb → D → C → B —
→ C — C → B → Ab → G — G → F →
→ G → F → Eb — Eb → D → C → B —
→ Eb → D — D → C → B → Ab — Ab →
— B → Ab → G → F — F → Eb → D →



M.S.R.P. CCBA^bG

||: CCBA^bG G F Eb D D C B A^bA^bG F Eb Eb D C B B A^bG F F Eb D: ||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 2

Scale: C harmonic minor

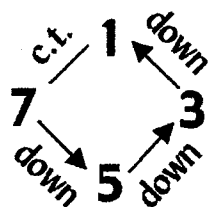
CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

**Intervallic
Voice-Leading**

5 → 2nd
 3 → 2nd
 7 → 2nd
 1 — c.t.

**Functional
Voice-Leading**

5 → 3
 3 → 1
 7 → 5
 1 — 7



→	G	→	F	→	E ^b	—	E ^b	→	D	→	C	→	B	—
• →	E ^b	→	D	—	D	→	C	→	B	→	A ^b	—	A ^b	→
• —	B	→	A ^b	→	G	→	F	—	F	→	E ^b	→	D	→
→	C	—	C	→	B	→	A ^b	→	G	—	G	→	F	→
—	B	→	A ^b	→	G	→	F	—	F	→	E ^b	→	D	→
→	G	→	F	→	E ^b	—	E ^b	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A ^b	→	G	—	G	→	F	→
→	E ^b	→	D	—	D	→	C	→	B	→	A ^b	—	A ^b	→
→	C	—	C	→	B	→	A ^b	→	G	—	G	→	F	→
—	B	→	A ^b	→	G	→	F	—	F	→	E ^b	→	D	→
→	E ^b	→	D	—	D	→	C	→	B	→	A ^b	—	A ^b	→
→	G	→	F	→	E ^b	—	E ^b	→	D	→	C	→	B	—
→	E ^b	→	D	—	D	→	C	→	B	→	A ^b	—	A ^b	→
→	C	—	C	→	B	→	A ^b	→	G	—	G	→	F	→
→	G	→	F	→	E ^b	—	E ^b	→	D	→	C	→	B	—
—	B	→	A ^b	→	G	→	F	—	F	→	E ^b	→	D	→

M.S.R.P. **CCBA^bG**

||: **CCBA^bG G F E^b D D C B A^b A^b G F E^b E^b D C B B A^b G F F E^b D** :||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th

Cycle: 2

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

Intervallic

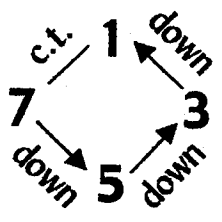
Voice-Leading

5 → 2nd
 7 → 2nd
 3 → 2nd
 1 — c.t.

→	G	→	F	→	E_b	—	E_b	→	D	→	C	→	B	—
• —	B	→	A_b	→	G	→	F	—	F	→	E_b	→	D	→
• →	E_b	→	D	—	D	→	C	→	B	→	A_b	—	A_b	→
→	C	—	C	→	B	→	A_b	→	G	—	G	→	F	→
—	B	→	A_b	→	G	→	F	—	F	→	E_b	→	D	→
→	C	—	C	→	B	→	A_b	→	G	—	G	→	F	→
→	G	→	F	→	E_b	—	E_b	→	D	→	C	→	B	—
→	E_b	→	D	—	D	→	C	→	B	→	A_b	—	A_b	→
→	C	—	C	→	B	→	A_b	→	G	—	G	→	F	→
→	E_b	→	D	—	D	→	C	→	B	→	A_b	—	A_b	→
—	B	→	A_b	→	G	→	F	—	F	→	E_b	→	D	→
→	G	→	F	→	E_b	—	E_b	→	D	→	C	→	B	—
→	E_b	→	D	—	D	→	C	→	B	→	A_b	—	A_b	→
→	G	→	F	→	E_b	—	E_b	→	D	→	C	→	B	—
→	E_b	→	D	—	D	→	C	→	B	→	A_b	—	A_b	→
→	G	→	F	→	E_b	—	E_b	→	D	→	C	→	B	—
→	C	—	C	→	B	→	A_b	→	G	—	G	→	F	→
—	B	→	A_b	→	G	→	F	—	F	→	E_b	→	D	→

Functional
Voice-Leading

5 → 3
 7 → 5
 3 → 1
 1 — 7



M.S.R.P. **CCBA_bG**

||: **CCBA_bG G F E_b D D C B A_bA_bG F E_b E_b DC BB A_bG FF E_bD**:||



Chord Family: 7th

Cycle: 2

Scale: C harmonic minor

Voicing Type: Drop 2 & 4

CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

Intervallic

Voice-Leading

7 → 2nd

3 → 2nd

5 → 2nd

1 — c.f.

Functional

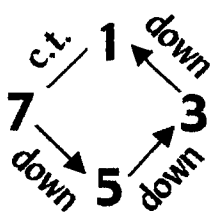
Voice-Leading

7 → 5

3 → 1

5 → 3

1 — 7



—	B	→	Ab	→	G	→	F	—	F	→	Eb	→	D	→	
•	→	Eb	→	D	—	D	→	C	→	B	→	Ab	—	Ab	→
•	→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—
→	C	—	C	→	B	→	Ab	→	G	—	G	→	F	→	
→	C	—	C	→	B	→	Ab	→	G	—	G	→	F	→	
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—	
—	B	→	Ab	→	G	→	F	—	F	→	Eb	→	D	→	
→	Eb	→	D	—	D	→	C	→	B	→	Ab	—	Ab	→	
→	Eb	→	D	—	D	→	C	→	B	→	Ab	—	Ab	→	
—	B	→	Ab	→	G	→	F	—	F	→	Eb	→	D	→	
→	C	—	C	→	B	→	Ab	→	G	—	G	→	F	→	
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—	
→	G	→	F	→	Eb	—	Eb	→	D	→	C	→	B	—	
→	C	—	C	→	B	→	Ab	→	G	—	G	→	F	→	
→	Eb	→	D	—	D	→	C	→	B	→	Ab	—	Ab	→	
—	B	→	Ab	→	G	→	F	—	F	→	Eb	→	D	→	

M.S.R.P. **CCBA^bG**

||: CCBA^bG G F E^b D D C B A B^a G F E^b E^b D C B B A^b G F F E^b D: ||



Chord Family: 7th

Cycle: 2

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Dm7(b5) Eb+M7 Fm7 G7 AbM7 B°7

Intervallic

Voice-Leading

3 → 2nd

5 → 2nd

7 → 2nd

1 — c.t.

→ Eb	→ D	— D	→ C	→ B	→ Ab	— Ab	→
• → G	→ F	→ Eb	— Eb	→ D	→ C	→ B	—
• — B	→ Ab	→ G	→ F	— F	→ Eb	→ D	→
→ C	— C	→ B	→ Ab	→ G	— G	→ F	→
→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B	—
— B	→ Ab	→ G	→ F	— F	→ Eb	→ D	→
→ C	— C	→ B	→ Ab	→ G	— G	→ F	→
→ Eb	→ D	— D	→ C	→ B	→ Ab	— Ab	→
— B	→ Ab	→ G	→ F	— F	→ Eb	→ D	→
→ C	— C	→ B	→ Ab	→ G	— G	→ F	→
→ Eb	→ D	— D	→ C	→ B	→ Ab	— Ab	→
→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B	—
→ C	— C	→ B	→ Ab	→ G	— G	→ F	→
→ Eb	→ D	— D	→ C	→ B	→ Ab	— Ab	→
→ G	→ F	→ Eb	— Eb	→ D	→ C	→ B	—
— B	→ Ab	→ G	→ F	— F	→ Eb	→ D	→

Functional

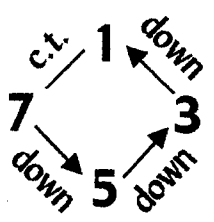
Voice-Leading

3 → 1

5 → 3

7 → 5

1 — 7



M.S.R.P. **CCBA^bG**

||: CCBA^bG G F Eb D D C B A^bA^bG F Eb Eb DC BB^bA^bG FF Eb D: ||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 4

Scale: C harmonic minor

CmM7 Fm7 B°7 Eb+M7 AbM7 Dm7(b5) G7

**Intervallic
Voice-Leading**

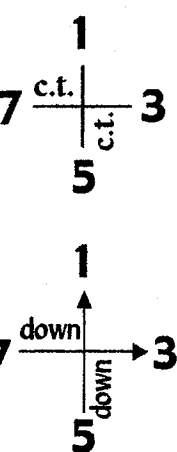
7 → 2nd
 5 → 2nd
 3 — c.t.
 1 — c.t.

—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
• →	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—

**Functional
Voice-Leading**

7 → 3
 5 → 1
 3 — 7
 1 — 5

→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
—	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→



→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
• —	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→

M.S.R.P. 1) C C B B Ab 2) Eb Eb D D C

1) ||: C C B B Ab Ab G G F F Eb Eb D D :|| 2) ||: Eb Eb D D C C B B Ab Ab G G F F :||



Chord Family: 7th
Voicing Type: Drop 2

Cycle: 4

Scale: C harmonic minor

CmM7 Fm7 B^o7 Eb+M7 AbM7 Dm7(b5) G7

**Intervallic
Voice-Leading**

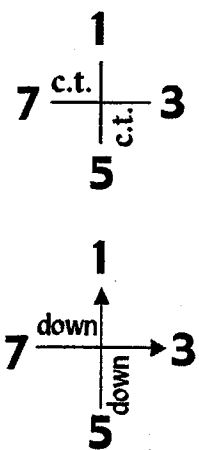
3 — c.t.
 7 → 2nd
 5 → 2nd
 1 — c.t.

→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
• —	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

**Functional
Voice-Leading**

3 — 7
 7 → 3
 5 → 1
 1 — 5

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• →	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
• —	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→



M.S.R.P. 1) C C B B A_b 2) E_b E_b D D C

1) ||: C C B B A_b A_b G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A_b A_b G G F F :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 4

Scale: C harmonic minor

	CmM7	Fm7	B ^o 7	Eb+M7	AbM7	Dm7(b5)	G7
Intervallic							
Voice-Leading							
5 → 2nd							
3 — c.t.							
7 → 2nd							
1 — c.t.							
Functional							
Voice-Leading							
5 → 1							
3 — 7							
7 → 3							
1 — 5							
1							
7 ^{c.t.} 3							
5 _{c.t.}							
1							
7 ^{down} 3							
5 _{down}							

M.S.R.P. 1) C C B B Ab 2) Eb Eb D D C

1) ||: C C B B Ab Ab G G F F Eb Eb D D :|| 2) ||: Eb Eb D D C C B B Ab Ab G G F F :||

↓ ↓ ↓ ↓

1 5 3 7

Chord Family: 7th

Cycle: 4

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

CmM7 Fm7 B°7 Eb+M7 AbM7 Dm7(b5) G7

Intervallic

Voice-Leading

5 → 2nd

7 → 2nd

3 — c.t.

1 — c.t.

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• —	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
• →	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

Functional

Voice-Leading

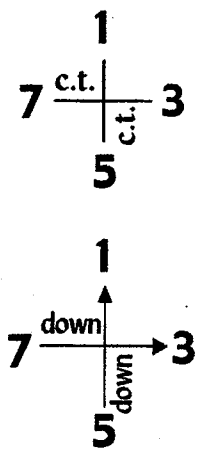
5 → 1

7 → 3

3 — 7

1 — 5

—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
• →	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→



M.S.R.P. 1) C C B B A_b 2) E_b E_b D D C

1) ||: C C B B A_b A_b G G F F E_b E_b D D: || 2) ||: E_b E_b D D C C B B A_b A_b G G F F: ||



Chord Family: 7th

Cycle: 4

Scale: C harmonic minor

Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 → 2nd
3 — c.t.
5 → 2nd
1 — c.t.

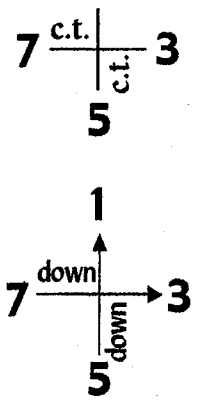
CmM7 Fm7 B°7 Eb+M7 AbM7 Dm7(b5) G7

—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
• →	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
• —	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
—	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→

**Functional
Voice-Leading**

7 → 3
3 — 7
5 → 1
1 — 5
1

→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
• —	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
• —	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→
→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	Eb	—	Eb	→	D	—	D	→
→	C	—	C	→	B	—	B	→	Ab	—	Ab	→	G	—
→	Eb	—	Eb	→	D	—	D	→	C	—	C	→	B	—
—	B	→	Ab	—	Ab	→	G	—	G	→	F	—	F	→



M.S.R.P. 1) C C B B Ab 2) Eb Eb D D C

1) ||: C C B B Ab Ab G G F F Eb Eb D D :|| 2) ||: Eb Eb D D C C B B Ab Ab G G F F :||



Chord Family: 7th

Cycle: 4

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Fm7 B^o7 Eb+M7 AbM7 Dm7(b5) G7

**Intervallic
Voice-Leading**

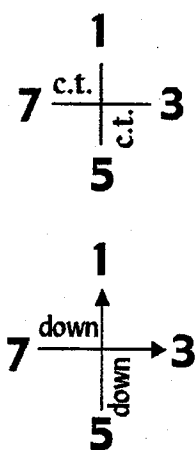
3 — c.t.
5 ↘ 2nd
7 ↘ 2nd
1 — c.t.

→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
• —	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• —	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→

**Functional
Voice-Leading**

3 — 7
5 ↘ 1
7 ↘ 3
1 — 5

—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
• —	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→
• →	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
→	C	—	C	→	B	—	B	→	A _b	—	A _b	→	G	—
→	E _b	—	E _b	→	D	—	D	→	C	—	C	→	B	—
—	G	→	F	—	F	→	E _b	—	E _b	→	D	—	D	→
—	B	→	A _b	—	A _b	→	G	—	G	→	F	—	F	→



M.S.R.P. 1) C C B B A_b 2) E_b E_b D D C

1) ||: C C B B A_b A_b G G F F E_b E_b D D :|| 2) ||: E_b E_b D D C C B B A_b A_b G G F F :||

↓
1

↓
5

↓
3

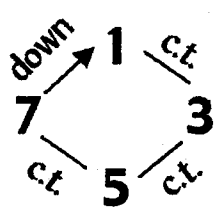
↓
7

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 6

Scale: C harmonic minor

	CmM7	AbM7	Fm7	Dm7(b5)	B°7	G7	Eb+M7
Intervallic							
Voice-Leading							
7 → 2nd	— B →	Ab —	Ab —	Ab —	Ab →	G —	G —
5 — c.t.	• — G —	G →	F —	F —	F —	F →	Eb —
3 — c.t.	• — Eb —	Eb —	Eb →	D —	D —	D —	D →
1 — c.t.	→ C —	C —	C —	C →	B —	B —	B —
	— G —	G →	F —	F —	F —	F →	Eb —
	— Eb —	Eb —	Eb →	D —	D —	D —	D →
Functional	→ C —	C —	C —	C →	B —	B —	B —
Voice-Leading	— B →	Ab —	Ab —	Ab —	Ab →	G —	G —
7 → 1							
5 — 7	— Eb —	Eb —	Eb →	D —	D —	D —	D →
3 — 5	→ C —	C —	C —	C →	B —	B —	B —
1 — 3	— B →	Ab —	Ab —	Ab —	Ab →	G —	G —
	— G —	G →	F —	F —	F —	F →	Eb —
	→ C —	C —	C —	C →	B —	B —	B —
	— B →	Ab —	Ab —	Ab —	Ab →	G —	G —
	— G —	G →	F —	F —	F —	F →	Eb —
	— Eb —	Eb —	Eb →	D —	D —	D —	D →



M.S.R.P. C C C C B

||: C C C C B B B B A b A b A b A b G G G G F F F F E b E b E b E b D D D D :||

↓ ↓ ↓ ↓
 1 7 5 3

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 6

Scale: C harmonic minor

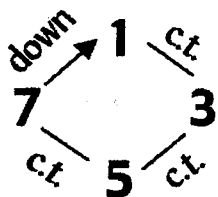
CmM7 AbM7 Fm7 Dm7(b5) B°7 G7 Eb+M7

**Intervallic
 Voicing**

3 — c.t.
 7 → 2nd
 5 — c.t.
 1 — c.t.

**Functional
 Voicing**

3 — 5
 7 → 1
 5 — 7
 1 — 3



—	E _b —	E _b —	E _b →	D —	D —	D —	D →
• —	B →	A _b —	A _b —	A _b —	A _b →	G —	G —
• —	G —	G →	F —	F —	F —	F →	E _b —
→	C —	C —	C —	C →	B —	B —	B —
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E _b —
—	E _b —	E _b —	E _b →	D —	D —	D —	D →
—	B →	A _b —	A _b —	A _b —	A _b →	G —	G —
—	B →	A _b —	A _b —	A _b —	A _b →	G —	G —
—	E _b —	E _b —	E _b →	D —	D —	D —	D →
→	C —	C —	C —	C →	B —	B —	B —
—	G —	G →	F —	F —	F —	F →	E _b —
—	G —	G →	F —	F —	F —	F →	E _b —
→	C —	C —	C —	C →	B —	B —	B —
—	B →	A _b —	A _b —	A _b —	A _b →	G —	G —
—	E _b —	E _b —	E _b →	D —	D —	D —	D →

M.S.R.P. C C C C B

||: C C C C B B B B A_b A_b A_b A_b G G G G F F F F E_b E_b E_b E_b D D D D :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 6

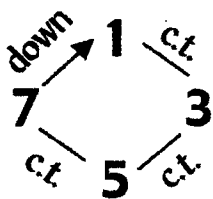
Scale: C harmonic minor

**Intervallic
Voice-Leading**

5 — c.t.
 3 — c.t.
 7 → 2nd
 1 — c.t.

**Functional
Voice-Leading**

5 — 7
 3 — 5
 7 → 1
 1 — 3



	CmM7	AbM7	Fm7	Dm7(b5)	B°7	G7	Eb+M7
—	G	G	→ F	F	F	F	→ Eb
• —	Eb	Eb	→ Eb	D	D	D	→ D
• —	B	→ Ab	Ab	Ab	Ab	→ G	G
→	C	C	C	C	→ B	B	B
—	Eb	Eb	→ Eb	D	D	D	→ D
→	C	C	C	C	→ B	B	B
—	G	G	→ F	F	F	F	→ Eb
—	B	→ Ab	Ab	Ab	Ab	→ G	G
→	C	C	C	C	→ B	B	B
—	B	→ Ab	Ab	Ab	Ab	→ G	G
—	Eb	Eb	→ Eb	D	D	D	→ D
—	G	G	→ F	F	F	F	→ Eb
—	B	→ Ab	Ab	Ab	Ab	→ G	G
—	G	G	→ F	F	F	F	→ Eb
→	C	C	C	C	→ B	B	B
—	Eb	Eb	→ Eb	D	D	D	→ D

M.S.R.P. $\overline{\text{CCCCB}}$

||:CCCCBBBBA_bA_bA_bA_bGGGGFFFFE_bE_bE_bE_bDDDD:|

1

7

5

3

Chord Family: 7th

Cycle: 6

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

CmM7 AbM7 Fm7 Dm7(b5) B°7 G7 Eb+M7

Intervallic

Voice-Leading

5 — c.t.

7 → 2nd

3 — c.t.

1 — c.t.

—	G	—	G	→	F	—	F	—	F	—	F	→	E ^b	—
• —	B	→	A ^b	—	A ^b	—	A ^b	—	A ^b	→	G	—	G	—
• —	E ^b	—	E ^b	—	E ^b	→	D	—	D	—	D	—	D	→
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E ^b	—	E ^b	—	E ^b	→	D	—	D	—	D	—	D	→
—	G	—	G	→	F	—	F	—	F	—	F	→	E ^b	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	B	→	A ^b	—	A ^b	—	A ^b	—	A ^b	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	E ^b	—	E ^b	—	E ^b	→	D	—	D	—	D	—	D	→
—	B	→	A ^b	—	A ^b	—	A ^b	—	A ^b	→	G	—	G	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E ^b	—
—	B	→	A ^b	—	A ^b	—	A ^b	—	A ^b	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	E ^b	—
—	E ^b	—	E ^b	—	E ^b	→	D	—	D	—	D	—	D	→

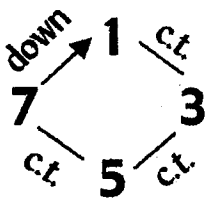
Functional
Voice-Leading

5 — 7

7 → 1

3 — 5

1 — 3



M.S.R.P. **C C C C B**

||: C C C C B B B B A^b A^b A^b A^b G G G G F F F F E^b E^b E^b E^b D D D D :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 6

Scale: C harmonic minor

Voicing Type: Drop 2 & 4

Intervallic

Voice-Leading

7 → 2nd

3 — c.t.

5 — c.t.

1 — c.t.

Functional

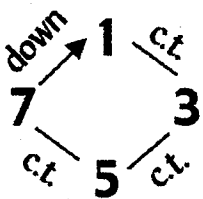
Voice-Leading

7 → 1

3 — 5

5 — 7

1 — 3



CmM7 AbM7 Fm7 Dm7(b5) B°7 G7 Eb+M7

—	B	→	Ab	—	Ab	—	Ab	—	Ab	→	G	—	G	—
•	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
•	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
—	B	→	Ab	—	Ab	—	Ab	—	Ab	→	G	—	G	—
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→
—	B	→	Ab	—	Ab	—	Ab	—	Ab	→	G	—	G	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	—
→	C	—	C	—	C	—	C	→	B	—	B	—	B	—
—	G	—	G	→	F	—	F	—	F	—	F	→	Eb	•
—	B	→	Ab	—	Ab	—	Ab	—	Ab	→	G	—	G	•
—	Eb	—	Eb	—	Eb	→	D	—	D	—	D	—	D	→

M.S.R.P. **C C C C B**

||: C C C C B B B B Ab Ab Ab Ab G G G G F F F F Eb Eb Eb Eb D D D D :||



Chord Family: 7th

Cycle: 6

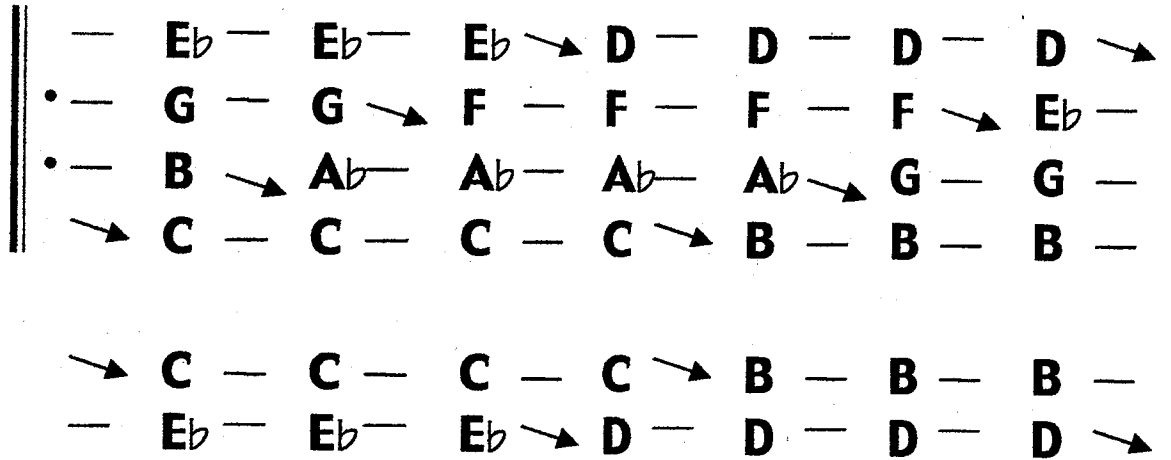
Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 AbM7 Fm7 Dm7(b5) B°7 G7 Eb+M7

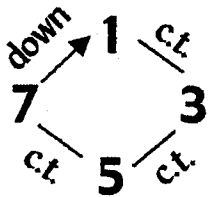
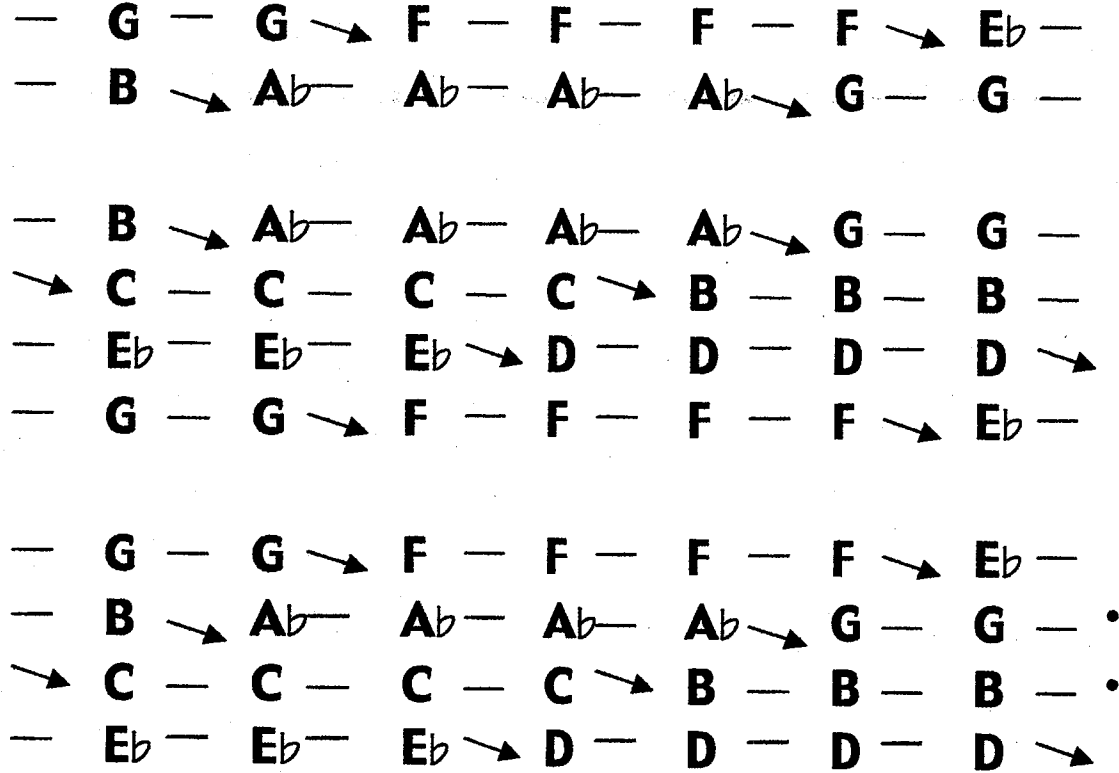
**Intervallic
Voice-Leading**

3 — c.t.
5 — c.t.
7 → 2nd
1 — c.t.



**Functional
Voice-Leading**

3 — 5
5 — 7
7 → 1
1 — 3



M.S.R.P. $\overline{\text{C C C C B}}$

||: C C C C B B B B A^b A^b A^b A^b G G G G F F F F E^b E^b E^b E^b D D D D :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 7

Scale: C harmonic minor

Voicing Type: 4-way close

Intervallic

Voice-Leading

7 — c.t.

5 → 2nd

3 → 2nd

1 → 2nd

Functional

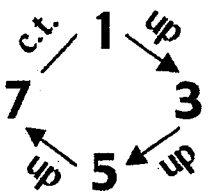
Voice-Leading

7 — 1

5 → 7

3 → 5

1 → 3



	CmM7	B°7	AbM7	G7	Fm7	Eb+M7	Dm7(b5)
→	B	— B	→ C	→ D	→ Eb	— Eb	→ F
• →	G	→ Ab	— Ab	→ B	→ C	→ D	— D
• →	Eb	→ F	→ G	— G	→ Ab	→ B	→ C
—	C	→ D	→ Eb	→ F	— F	→ G	→ Ab
→	G	→ Ab	— Ab	→ B	→ C	→ D	— D
→	Eb	→ F	→ G	— G	→ Ab	→ B	→ C
—	C	→ D	→ Eb	→ F	— F	→ G	→ Ab
→	B	— B	→ C	→ D	→ Eb	— Eb	→ F
→	Eb	→ F	→ G	— G	→ Ab	→ B	→ C
—	C	→ D	→ Eb	→ F	— F	→ G	→ Ab
→	B	— B	→ C	→ D	→ Eb	— Eb	→ F
→	G	→ Ab	— Ab	→ B	→ C	→ D	— D
—	C	→ D	→ Eb	→ F	— F	→ G	→ Ab
→	B	— B	→ C	→ D	→ Eb	— Eb	→ F
→	G	→ Ab	— Ab	→ B	→ C	→ D	— D
→	Eb	→ F	→ G	— G	→ Ab	→ B	→ C

M.S.R.P. **C D Eb F F**

||: **C D Eb F F G Ab B B C D Eb Eb F G Ab Ab B C D D Eb F G G Ab B C** :||



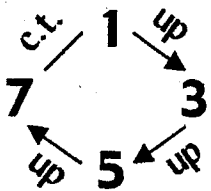
Chord Family: 7th
Voicing Type: Drop 2

Cycle: 7

Scale: C harmonic minor

	CmM7	B°7	AbM7	G7	Fm7	Eb+M7	Dm7(b5)
Intervallic	→ Eb	→ F	→ G	— G	→ Ab	→ B	→ C
Voice-Leading	→ B	— B	→ C	→ D	→ Eb	— Eb	→ F
3 → 2nd	→ G	→ Ab	— Ab	→ B	→ C	→ D	— D
7 — c.t.	— C	→ D	→ Eb	→ F	— F	→ G	→ Ab
5 → 2nd	— C	→ D	→ Eb	→ F	— F	→ G	→ Ab
1 → 2nd	→ G	→ Ab	— Ab	→ B	→ C	→ D	— D

Functional	→ Eb	→ F	→ G	— G	→ Ab	→ B	→ C
Voice-Leading	→ B	— B	→ C	→ D	→ Eb	— Eb	→ F
3 → 5	→ B	— B	→ C	→ D	→ Eb	— Eb	→ F
7 — 1	→ Eb	→ F	→ G	— G	→ Ab	→ B	→ C
5 → 7	— C	→ D	→ Eb	→ F	— F	→ G	→ Ab
1 → 3	→ G	→ Ab	— Ab	→ B	→ C	→ D	— D



→ G	→ Ab	— Ab	→ B	→ C	→ D	— D	→
— C	→ D	→ Eb	→ F	— F	→ G	→ Ab	→
→ B	— B	→ C	→ D	→ Eb	— Eb	→ F	→
→ Eb	→ F	→ G	— G	→ Ab	→ B	→ C	—

M.S.R.P. C D Eb F F

||: CDEbF FGAbB BCD EbEb FGAb AbBCDDEb FG GAbBC :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: Drop 3

Cycle: 7

Scale: C harmonic minor

**Intervallic
Voice-Leading**

5 → 2nd
 3 → 2nd
 7 — c.t.
 1 → 2nd

CmM7 B°7 AbM7 G7 Fm7 Eb+M7 Dm7(b5)

→ G → Ab — Ab → B → C → D — D →
 • → Eb → F → G — G → Ab → B → C —
 • → B — B → C → D → Eb — Eb → F →
 — C → D → Eb → F — F → G → Ab →

→ Eb → F → G — G → Ab → B → C —
 — C → D → Eb → F — F → G → Ab →

**Functional
Voice-Leading**

5 → 7
 3 → 5
 7 — 1
 1 → 3

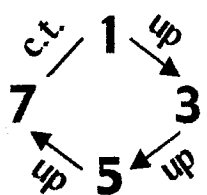
→ G → Ab — Ab → B → C → D — D →
 → B — B → C → D → Eb — Eb → F →

— C → D → Eb → F — F → G → Ab →

→ B — B → C → D → Eb — Eb → F →

→ Eb → F → G — G → Ab → B → C —

→ G → Ab — Ab → B → C → D — D →



→ B — B → C → D → Eb — Eb → F →

→ G → Ab — Ab → B → C → D — D →

— C → D → Eb → F — F → G → Ab →

→ Eb → F → G — G → Ab → B → C —

M.S.R.P. C D E^b F F

||: C D E^b F F G A^b B B C D E^b E^b F G A^b A^b B C D D E^b F G G A^b B C :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 7

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 → 2nd

7 — c.t.

3 → 2nd

1 → 2nd

CmM7 B°7 AbM7 G7 Fm7 Eb+M7 Dm7(b5)

→	G	→	Ab	—	Ab	→	B	→	C	→	D	—	D	→	
•	→	B	—	B	→	C	→	D	→	Eb	—	Eb	→	F	→
•	→	Eb	→	F	→	G	—	G	→	Ab	→	B	→	C	—
—	C	→	D	→	Eb	→	F	—	F	→	G	→	Ab	→	

→	Eb	→	F	→	G	—	G	→	Ab	→	B	→	C	—
→	G	→	Ab	—	Ab	→	B	→	C	→	D	—	D	→
—	C	→	D	→	Eb	→	F	—	F	→	G	→	Ab	→
→	B	—	B	→	C	→	D	→	Eb	—	Eb	→	F	→

Functional

Voice-Leading

5 → 7

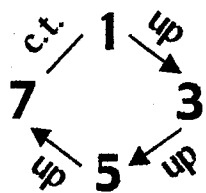
7 — 1

3 → 5

1 → 3

—	C	→	D	→	Eb	→	F	—	F	→	G	→	Ab	→
→	Eb	→	F	→	G	—	G	→	Ab	→	B	→	C	—
→	B	—	B	→	C	→	D	→	Eb	—	Eb	→	F	→
→	G	→	Ab	—	Ab	→	B	→	C	→	D	—	D	→

→	B	—	B	→	C	→	D	→	Eb	—	Eb	→	F	→
—	C	→	D	→	Eb	→	F	—	F	→	G	→	Ab	→
→	G	→	Ab	—	Ab	→	B	→	C	→	D	—	D	→
→	Eb	→	F	→	G	—	G	→	Ab	→	B	→	C	—



M.S.R.P. C D Eb F F

||: C D Eb F F G Ab B B C D Eb Eb F G Ab Ab B C D D Eb F G G Ab B C :||



Chord Family: 7th

Cycle: 7

Scale: C harmonic minor

Voicing Type: Drop 2 & 4

Intervallic

Voice-Leading

7 — c.t.

3 → 2nd

5 → 2nd

1 → 2nd

Functional

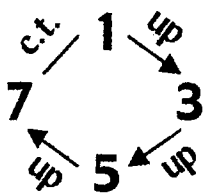
Voice-Leading

7 — 1

3 → 5

5 → 7

1 → 3



	CmM7	B°7	AbM7	G7	Fm7	Eb+M7	Dm7(b5)
→	B	B	C	D	Eb	Eb	F
• →	Eb	F	G	G	Ab	B	C
• →	G	Ab	Ab	B	C	D	D
—	C	D	Eb	F	F	G	Ab
→	G	Ab	Ab	B	C	D	D
—	C	D	Eb	F	F	G	Ab
→	Eb	F	G	G	Ab	B	C
→	B	B	C	D	Eb	Eb	F
→	Eb	F	G	G	Ab	B	C
→	B	B	C	D	Eb	Eb	F
—	C	D	Eb	F	F	G	Ab
→	G	Ab	Ab	B	C	D	D
→	Eb	F	G	G	Ab	B	C
→	B	B	C	D	Eb	Eb	F
→	Eb	F	G	G	Ab	B	C
→	G	Ab	Ab	B	C	D	D
→	B	B	C	D	Eb	Eb	F
→	Eb	F	G	G	Ab	B	C

M.S.R.P. \overline{CDEbFF}

||: CDEbF FGAbB BCD EbEb FGAbAb BCDDEbFG GAbBC :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th

Cycle: 7

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 B°7 AbM7 G7 Fm7 Eb+M7 Dm7(b5)

**Intervallic
Voice-Leading**

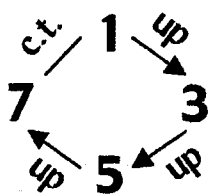
3 → 2nd
5 → 2nd
7 — c.t.
1 → 2nd

→	E _b	→	F	→	G	—	G	→	A _b	→	B	→	C	—	
•	→	G	→	A _b	—	A _b	→	B	→	C	→	D	—	D	→
•	→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A _b	→	

**Functional
Voice-Leading**

3 → 5
5 → 7
7 — 1
1 → 3

—	C	→	D	→	E _b	→	F	—	F	→	G	→	A _b	→
→	E _b	→	F	→	G	—	G	→	A _b	→	B	→	C	—
→	G	→	A _b	—	A _b	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A _b	→
→	E _b	→	F	→	G	—	G	→	A _b	→	B	→	C	—
→	G	→	A _b	—	A _b	→	B	→	C	→	D	—	D	→



→	G	→	A _b	—	A _b	→	B	→	C	→	D	—	D	→
→	B	—	B	→	C	→	D	→	E _b	—	E _b	→	F	→
—	C	→	D	→	E _b	→	F	—	F	→	G	→	A _b	→
→	E _b	→	F	→	G	—	G	→	A _b	→	B	→	C	—

M.S.R.P. C D E_b F F

||: C D E_b F F G A_b B B C D E_b E_b F G A_b A_b B C D D E_b F G G A_b B C :||

↓
1

↓
7

↓
5

↓
3

Chord Family: 7th
Voicing Type: 4-way close

Cycle: 5

Scale: C harmonic minor

**Intervallic
Voice-Leading**

7 — c.t.
 5 — c.t.
 3 → 2nd
 1 → 2nd

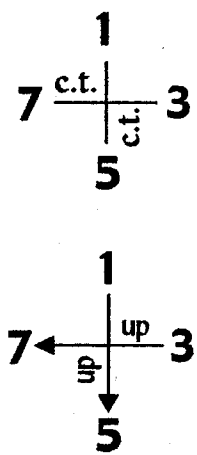
CmM7 G7 Dm7(b5) AbM7 Eb+M7 B°7 Fm7

→ B —	B →	C —	C →	D —	D →	E _b —
• → G —	G →	A _b —	A _b →	B —	B →	C —
• — E _b →	F —	F →	G —	G →	A _b —	A _b →
— C →	D —	D →	E _b —	E _b →	F —	F →
— E _b →	F —	F →	G —	G →	A _b —	A _b →
— C →	D —	D →	E _b —	E _b →	F —	F →
→ B —	B →	C —	C →	D —	D →	E _b —
→ G —	G →	A _b —	A _b →	B —	B →	C —

**Functional
Voice-Leading**

7 — 3
 5 — 1
 3 → 7
 1 → 5

— C →	D —	D →	E _b —	E _b →	F —	F →
• → B —	B →	C —	C →	D —	D →	E _b —
• → G —	G →	A _b —	A _b →	B —	B →	C —
— E _b →	F —	F →	G —	G →	A _b —	A _b →
→ G —	G →	A _b —	A _b →	B —	B →	C —
— E _b →	F —	F →	G —	G →	A _b —	A _b →
— C →	D —	D →	E _b —	E _b →	F —	F →
→ B —	B →	C —	C →	D —	D →	E _b —



M.S.R.P. 1) $\overbrace{CDDE_bE_b}$ 2) $\overbrace{E_bFFGG}$

1) ||: CDDE_bE_bFFGG A_bAbBBC :|| 2) ||: E_bFFGG A_bAbBBC DDE_b:||



Chord Family: 7th
Voicing Type: Drop 2

Cycle: 5

Scale: C harmonic minor

**Intervallic
Voice-Leading**

3 → 2nd
 7 — c.t.
 5 — c.t.
 1 → 2nd

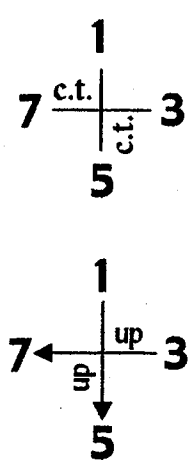
CmM7 G7 Dm7(b5) AbM7 Eb+M7 B°7 Fm7

—	E _b	→	F	—	F	→	G	—	G	→	A _b	—	A _b	→	
•	→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
•	→	G	—	G	→	A _b	—	A _b	→	B	—	B	→	C	—
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→	
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—	
—	E _b	→	F	—	F	→	G	—	G	→	A _b	—	A _b	→	
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→	
→	G	—	G	→	A _b	—	A _b	→	B	—	B	→	C	—	

**Functional
Voice-Leading**

3 → 7
 7 — 3
 5 — 1
 1 → 5

→	G	—	G	→	A _b	—	A _b	→	B	—	B	→	C	—	
•	—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→
•	→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—
—	E _b	→	F	—	F	→	G	—	G	→	A _b	—	A _b	→	
—	C	→	D	—	D	→	E _b	—	E _b	→	F	—	F	→	
→	G	—	G	→	A _b	—	A _b	→	B	—	B	→	C	—	
—	E _b	→	F	—	F	→	G	—	G	→	A _b	—	A _b	→	
→	B	—	B	→	C	—	C	→	D	—	D	→	E _b	—	



M.S.R.P. 1) $\overbrace{CDDE_bEb}$ 2) \overbrace{EbFFGG}

1) ||: CDDE_bE_bFFGGAbAbBBC :|| 2) ||: EbFFGGAbAbBBCCDDE_b:||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 5

Scale: C harmonic minor

	CmM7	G7	Dm7(b5)	AbM7	Eb+M7	B°7	Fm7
Intervallic							
Voice-Leading	→ G —	G →	Ab —	Ab →	B —	B →	C —
5 — c.t.	• — Eb →	F —	F →	G —	G →	Ab —	Ab →
3 → 2nd	• → B —	B →	C —	C →	D —	D →	Eb —
7 — c.t.	— C →	D —	D →	Eb —	Eb →	F —	F →
1 → 2nd	— C →	D —	D →	Eb —	Eb →	F —	F →
	→ B —	B →	C —	C →	D —	D →	Eb —
Functional	— Eb →	F —	F →	G —	G →	Ab —	Ab →
Voice-Leading	→ G —	G →	Ab —	Ab →	B —	B →	C —
5 — 1	→ B —	B →	C —	C →	D —	D →	Eb —
3 → 7	• → G —	G →	Ab —	Ab →	B —	B →	C —
7 — 3	• — C →	D —	D →	Eb —	Eb →	F —	F →
1 → 5	— Eb →	F —	F →	G —	G →	Ab —	Ab →
1	→ G —	G →	Ab —	Ab →	B —	B →	C —
7 ^{c.t.} 3	→ B —	B →	C —	C →	D —	D →	Eb —
5 _{c.t.}	• → G —	G →	Ab —	Ab →	B —	B →	C —
1	• — C →	D —	D →	Eb —	Eb →	F —	F →
7 ^{up} 3	— Eb →	F —	F →	G —	G →	Ab —	Ab →
5 _{up}	→ G —	G →	Ab —	Ab →	B —	B →	C —
	→ B —	B →	C —	C →	D —	D →	Eb —

M.S.R.P. 1) $\overbrace{CDDEb} Eb$ 2) $\overbrace{EbFFGG} G$

1) ||: CDDEb Eb F FGG Ab Ab BBC :|| 2) ||: Eb F FGG Ab Ab BBCC DDEb :||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 5

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

Intervallic

Voice-Leading

5 — c.t.

7 — c.t.

3 → 2nd

1 → 2nd

CmM7 G7 Dm7(b5) AbM7 Eb+M7 B°7 Fm7

→	G	—	G	→	Ab	—	Ab	→	B	—	B	→	C	—
• →	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
• —	Eb	→	F	—	F	→	G	—	G	→	Ab	—	Ab	→
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
—	Eb	→	F	—	F	→	G	—	G	→	Ab	—	Ab	→
→	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
→	G	—	G	→	Ab	—	Ab	→	B	—	B	→	C	—

Functional

Voice-Leading

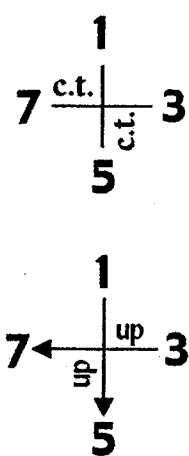
5 — 1

7 — 3

3 → 7

1 → 5

→	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—
• —	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
• →	G	—	G	→	Ab	—	Ab	→	B	—	B	→	C	—
—	Eb	→	F	—	F	→	G	—	G	→	Ab	—	Ab	→
—	Eb	→	F	—	F	→	G	—	G	→	Ab	—	Ab	→
→	G	—	G	→	Ab	—	Ab	→	B	—	B	→	C	—
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
→	B	—	B	→	C	—	C	→	D	—	D	→	Eb	—



M.S.R.P. 1) CD DEb Eb 2) Eb F FG G

1) ||: CDDEbEb F FGGAbAb BBC :|| 2) ||: Eb F FGGAbAb BBCC DDEb :||



Chord Family: 7th
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C harmonic minor

	CmM7	G7	Dm7(b5)	AbM7	Eb+M7	B°7	Fm7
Intervallic							
Voice-Leading	→ B —	B →	C —	C →	D —	D →	Eb —
7 — c.t.	• — Eb →	F —	F →	G —	G →	Ab —	Ab →
3 → 2nd	• → G —	G →	Ab —	Ab →	B —	B →	C —
5 — c.t.	— C →	D —	D →	Eb —	Eb →	F —	F →
1 → 2nd	— Eb →	F —	F →	G —	G →	Ab —	Ab →
	→ B —	B →	C —	C →	D —	D →	Eb —
	— C →	D —	D →	Eb —	Eb →	F —	F →
Functional	→ G —	G →	Ab —	Ab →	B —	B →	C —
Voice-Leading	— C →	D —	D →	Eb —	Eb →	F —	F →
7 — 3	• → G —	G →	Ab —	Ab →	B —	B →	C —
3 → 7	• → B —	B →	C —	C →	D —	D →	Eb —
5 — 1	— Eb →	F —	F →	G —	G →	Ab —	Ab →
1 → 5	→ G —	G →	Ab —	Ab →	B —	B →	C —
1	— C →	D —	D →	Eb —	Eb →	F —	F →
7 ^{c.t.} 3	→ G —	G →	Ab —	Ab →	B —	B →	C —
5 _{c.t.}	— C →	D —	D →	Eb —	Eb →	F —	F →
1	— Eb →	F —	F →	G —	G →	Ab —	Ab →
7 _{up} 3	→ B —	B →	C —	C →	D —	D →	Eb —
5 _{up}	→ G —	G →	Ab —	Ab →	B —	B →	C —

M.S.R.P. 1) $\overbrace{CDDEbEb}$ 2) \overbrace{EbFFGG}

1) ||: CDDEbEbFFGGAbAbBBC :|| 2) ||: EbFFGGAbAbBBCCDDEb :||



Chord Family: 7th

Cycle: 5

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 G7 Dm7(b5) AbM7 Eb+M7 B°7 Fm7

**Intervallic
Voice-Leading**

3 → 2nd

5 — c.t.

7 — c.t.

1 → 2nd

—	E _b →	F —	F →	G —	G →	A _b —	A _b →
• →	G —	G →	A _b —	A _b →	B —	B →	C —
• →	B —	B →	C —	C →	D —	D →	E _b —
—	C →	D —	D →	E _b —	E _b →	F —	F →
→	B —	B →	C —	C →	D —	D →	E _b —
—	C →	D —	D →	E _b —	E _b →	F —	F →

**Functional
Voice-Leading**

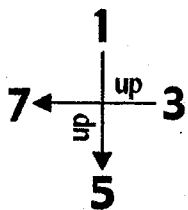
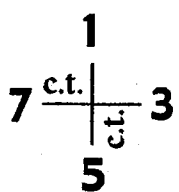
3 → 7

5 — 1

7 — 3

1 → 5

—	E _b →	F —	F →	G —	G →	A _b —	A _b →
→	G —	G →	A _b —	A _b →	B —	B →	C —
• →	B —	B →	C —	C →	D —	D →	E _b —
• —	C →	D —	D →	E _b —	E _b →	F —	F →
—	E _b →	F —	F →	G —	G →	A _b —	A _b →



—	C →	D —	D →	E _b —	E _b →	F —	F →
—	E _b →	F —	F →	G —	G →	A _b —	A _b →
→	G —	G →	A _b —	A _b →	B —	B →	C —
→	B —	B →	C —	C →	D —	D →	E _b —

M.S.R.P. 1) $\overbrace{CD DE_b Eb}$ 2) $\overbrace{Eb F FG G}$

1) ||: CDDE_bE_bFFGGAbAbBBC :|| 2) ||: EbFFGGAbAbBBCCDDE_b:||

↓
1

↓
5

↓
3

↓
7

Chord Family: 7th

Cycle: 3

Scale: C harmonic minor

Voicing Type: 4-way close

**Intervallic
Voice-Leading**

7 — c.t.

5 — c.t.

3 — c.t.

1 → 2nd

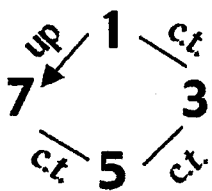
**Functional
Voice-Leading**

7 — 5

5 — 3

3 — 1

1 → 7



CmM7 Eb+M7 G7 B°7 Dm7(b5) Fm7 AbM7

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—	
•	—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
•	—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—	
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—	
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—	
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→	
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—	
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—	
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—	
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—	
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→	
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→	
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—	
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—	
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—	

M.S.R.P. **C D D D D**

||: C D D D D E^b E^b E^b E^b F F F F G G G G A^b A^b A^b A^b B B B B C C C C: ||

↓
1

↓
3

↓
5

↓
7

Chord Family: 7th
Voicing Type: Drop 2

Cycle: 3

Scale: C harmonic minor

Intervallic

Voice-Leading

3 — c.t.

7 — c.t.

5 — c.t.

1 → 2nd

CmM7 Eb+M7 G7 B°7 Dm7(b5) Fm7 AbM7

—	E _b — E _b →	F — F —	F — F —	F → G —
• →	B — B —	B — B →	C — C —	C —
• —	G — G —	G → A _b —	A _b — A _b —	A _b →
—	C → D —	D — D —	D → E _b —	E _b —
—	G — G —	G → A _b —	A _b — A _b —	A _b →
—	C → D —	D — D —	D → E _b —	E _b —
→	B — B —	B — B →	C — C —	C —
—	E _b — E _b →	F — F —	F — F →	G —
→	B — B —	B — B →	C — C —	C —
—	E _b — E _b →	F — F —	F — F →	G —
—	C → D —	D — D —	D → E _b —	E _b —
—	G — G —	G → A _b —	A _b — A _b —	A _b →
—	C → D —	D — D —	D → E _b —	E _b —
—	G — G —	G → A _b —	A _b — A _b —	A _b →
→	B — B —	B — B →	C — C —	C —

Functional

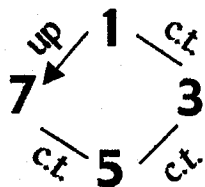
Voice-Leading

3 — 1

7 — 5

5 — 3

1 → 7



M.S.R.P. **C D D D D**

||: C D D D D E_b E_b E_b E_b F F F F G G G G A_b A_b A_b A_b B B B B C C C C: ||



Chord Family: 7th
Voicing Type: Drop 3

Cycle: 3

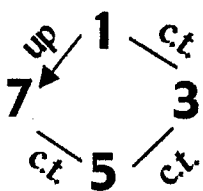
Scale: C harmonic minor

**Intervallic
Voice-Leading**

5 — c.t.
 3 — c.t.
 7 — c.t.
 1 → 2nd

**Functional
Voice-Leading**

5 — 3
 3 — 1
 7 — 5
 1 → 7



CmM7 Eb+M7 G7 B°7 Dm7(b5) Fm7 AbM7

—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
• —	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
• →	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	— •
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→ •
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—

M.S.R.P. **C D D D D**

||: **C D D D D E^b E^b E^b E^b F F F F G G G G A^b A^b A^b A^b B B B B C C C C** :||



Chord Family: 7th
Voicing Type: Drop 2 & 3

Cycle: 3

Scale: C harmonic minor

CmM7 Eb+M7 G7 B°7 Dm7(b5) Fm7 AbM7

Intervallic

Voice-Leading

5 — c.t.

7 — c.t.

3 — c.t.

1 → 2nd

—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
• →	B	—	B	—	B	—	B	→	C	—	C	—	C	—
• —	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—

Functional

Voice-Leading

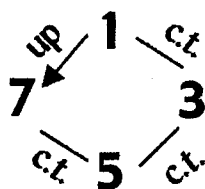
5 — 3

7 — 5

3 — 1

1 → 7

→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→



—	Eb	—	Eb	→	F	—	F	—	F	—	F	→	G	—
—	G	—	G	—	G	→	Ab	—	Ab	—	Ab	—	Ab	→
—	C	→	D	—	D	—	D	—	D	→	Eb	—	Eb	—
→	B	—	B	—	B	—	B	→	C	—	C	—	C	—

M.S.R.P. C D D D D

||: C D D D D E^b E^b E^b E^b F F F F G G G G A^b A^b A^b A^b B B B B C C C C: ||

↓
↓
↓
↓

1
3
5
7

Chord Family: 7th

Cycle: 3

Scale: C harmonic minor

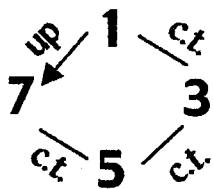
Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 — c.t.
3 — c.t.
5 — c.t.
1 → 2nd

**Functional
Voice-Leading**

7 — 5
3 — 1
5 — 3
1 → 7



	CmM7	Eb+M7	G7	B°7	Dm7(b5)	Fm7	AbM7
↗	B	B	B	B	↗ C	C	C
• —	E _b	E _b	F	F	F	F	↗ G
• —	G	G	G	↗ A _b	A _b	A _b	A _b
—	C	↗ D	D	D	D	↗ E _b	E _b
—	C	↗ D	D	D	D	↗ E _b	E _b
—	G	G	G	↗ A _b	A _b	A _b	A _b
↗	B	B	B	B	↗ C	C	C
—	E _b	E _b	F	F	F	F	↗ G
—	E _b	E _b	F	F	F	F	↗ G
↗	B	B	B	B	↗ C	C	C
—	C	↗ D	D	D	D	↗ E _b	E _b
—	G	G	G	↗ A _b	A _b	A _b	A _b
—	G	G	G	↗ A _b	A _b	A _b	A _b
—	C	↗ D	D	D	D	↗ E _b	E _b
↗	B	B	B	B	↗ C	C	C

M.S.R.P. **C D D D D**

||: C D D D D E_b E_b E_b E_b F F F F G G G G A_b A_b A_b A_b B B B B C C C C ||



Chord Family: 7th

Cycle: 3

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

CmM7 Eb+M7 G7 B°7 Dm7(b5) Fm7 AbM7

Intervallic

Voice-Leading

3 — c.t.

5 — c.t.

7 — c.t.

1 → 2nd

—	E _b —	E _b →	F —	F —	F —	F →	G —
• —	G —	G —	G →	A _b —	A _b —	A _b —	A _b →
• →	B —	B —	B —	B →	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —

Functional

Voice-Leading

3 — 1

5 — 3

7 — 5

1 → 7

—	G —	G —	G →	A _b —	A _b —	A _b —	A _b →
→	B —	B —	B —	B →	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —
—	E _b —	E _b →	F —	F —	F —	F →	G —

→	B —	B —	B —	B →	C —	C —	C —
—	C →	D —	D —	D —	D →	E _b —	E _b —
—	E _b —	E _b →	F —	F —	F —	F →	G —
—	G —	G —	G →	A _b —	A _b —	A _b —	A _b →

—	C →	D —	D —	D —	D →	E _b —	E _b —
—	E _b —	E _b →	F —	F —	F —	F →	G —
—	G —	G —	G →	A _b —	A _b —	A _b —	A _b →
→	B —	B —	B —	B →	C —	C —	C —

M.S.R.P. C D D D D

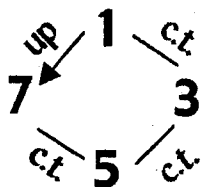
||: C D D D D E_b E_b E_b E_b F F F F G G G G A_b A_b A_b A_b B B B B C C C C: ||

↓
1

↓
3

↓
5

↓
7



TBN I
ALL VOICINGS
ALL CYCLES
C MAJOR

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: 4-way close

Cycle: 2

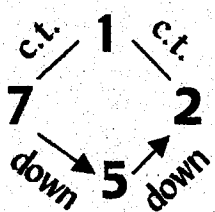
Scale: C major

**Intervallic
Voice-Leading**

7 → 2nd
 5 → 3rd
 2 — c.t.
 1 — c.t.

**Functional
Voice-Leading**

7 → 5
 5 → 2
 2 — 1
 1 — 7



		$\frac{G}{C}$	$\frac{Am}{D}$	$\frac{B^\circ}{E}$	$\frac{C}{F}$	$\frac{Dm}{G}$	$\frac{Em}{A}$	$\frac{E}{B}$
	—	B →	A →	F —	F —	F →	E →	C —
	• →	G →	E —	E —	E →	D →	B —	B —
	• →	D —	D —	D →	C →	A —	A —	A →
	—	C —	C →	B →	G —	G —	G →	F →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	A →	F —	F —	F →	E →	C —
	→	G →	E —	E —	E →	D →	B —	B —
	→	D —	D —	D →	C →	A —	A —	A →
	→	D —	D —	D →	C →	A —	A —	A →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	A →	F —	F —	F →	E →	C —
	→	G →	E —	E —	E →	D →	B —	B —
	→	D —	D —	D →	C →	A —	A —	A →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	A →	F —	F —	F →	E →	C —

M.S.R.P. \overline{CCBGG}

||: C C B G G G F D D C A A G E E E D B B B A F F F E C :||

↓
1

↓
2

↓
5

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2

Cycle: 2

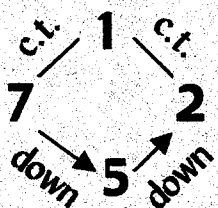
Scale: C major

**Intervallic
Voice-Leading**

2 — c.t.
 7 → 2nd
 5 → 3rd
 1 — c.t.

**Functional
Voice-Leading**

2 — 1
 7 → 5
 5 → 2
 1 — 7



	$\frac{G}{C}$	$\frac{Am}{D}$	$\frac{B^{\circ}}{E}$	$\frac{C}{F}$	$\frac{Dm}{G}$	$\frac{Em}{A}$	$\frac{E}{B}$
→	D —	D —	D →	C →	A —	A —	A →
• —	B →	A →	F —	F —	F →	E →	C —
• →	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
—	B →	A →	F —	F —	F →	E →	C —
→	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
→	D —	D —	D →	C →	A —	A —	A →
—	B →	A →	F —	F —	F →	E →	C —

M.S.R.P. \overline{CCBGG}

||: C C B G G G F D D C A A G E E E D B B B A F F F E C :||

↓
1

↓
2

↓
5

↓
7

Chord Family: Triad
B.N. I
Voicing Type: Drop 3

Cycle: 2

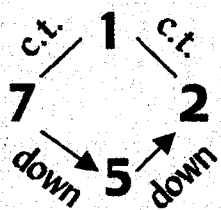
Scale: C major

**Intervallic
 Voice-Leading**

5 → 3rd
 2 — c.t.
 7 → 2nd
 1 — c.t.

**Functional
 Voice-Leading**

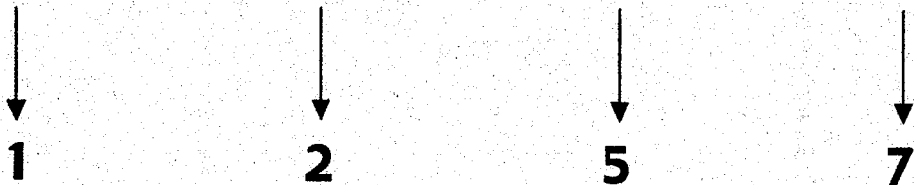
5 → 2
 2 — 1
 7 → 5
 1 — 7



	<u>G</u> C	<u>Am</u> D	<u>B°</u> E	<u>C</u> F	<u>Dm</u> G	<u>Em</u> A	<u>F</u> B
→	G →	E —	E —	E →	D →	B —	B —
• →	D —	D —	D →	C →	A —	A —	A →
• —	B →	A →	F —	F —	F →	E →	C —
—	C —	C →	B →	G —	G —	G →	F →
—	B →	A →	F —	F —	F →	E →	C —
→	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
→	D —	D —	D →	C →	A —	A —	A →
→	G →	E —	E —	E →	D →	B —	B —
→	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →
→	B →	A →	F —	F —	F →	E →	C —
→	D —	D —	D →	C →	A —	A —	A →
→	G →	E —	E —	E →	D →	B —	B —
→	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
—	B →	A →	F —	F —	F →	E →	C —

M.S.R.P. CCBGG

||: C C B G G G F D D C A A G E E E D B B B A F F F E C :||

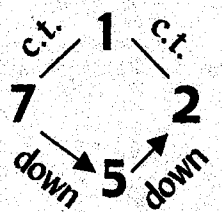


Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
 Voicing Type: Drop 2 & 3

Cycle: 2

Scale: C major

		$\frac{G}{C}$	$\frac{A\text{m}}{D}$	$\frac{B^\circ}{E}$	$\frac{C}{F}$	$\frac{Dm}{G}$	$\frac{Em}{A}$	$\frac{F}{B}$
Intervallic								
Voice-Leading		B →	A →	F —	F —	F →	E →	C —
5 → 2nd	• →	G →	E —	E —	E →	D →	B —	B —
7 → 3rd	• →	D —	D —	D →	C →	A —	A —	A →
2 — c.t.	—	C —	C →	B →	G —	G —	G →	F →
1 — c.t.	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	A →	F —	F —	F →	E →	C —
Functional	→	G →	E —	E —	E →	D →	B —	B —
Voice-Leading	→	D —	D —	D →	C →	A —	A —	A →
5 → 5	→	D —	D —	D →	C →	A —	A —	A →
7 → 2	—	C —	C →	B →	G —	G —	G →	F →
2 — 1	—	B →	A →	F —	F —	F →	E →	C —
1 — 7	→	G →	E —	E —	E →	D →	B —	B —
	→	G →	E —	E —	E →	D →	B —	B —
	→	D —	D —	D →	C →	A —	A —	A →
	—	C —	C →	B →	G —	G —	G →	F →
	→	D —	D —	D →	C →	A —	A —	A →
	—	C —	C →	B →	G —	G —	G →	F →
	→	B →	A →	F —	F —	F →	E →	C —
	→	G →	E —	E —	E →	D →	B —	B —



M.S.R.P. \overline{CCBGG}

||: C C B G G G F D D C A A A G E E E D B B B A F F F E C :||

↓ ↓ ↓ ↓

1 **2** **5** **7**

Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

Cycle: 2

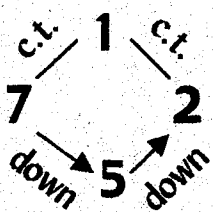
Scale: C major

**Intervallic
 Voicing**

7 → 2nd
 2 — c.t.
 5 → 3rd
 1 — c.t.

**Functional
 Voicing**

7 → 5
 2 — 1
 5 → 2
 1 — 7



	<u>G</u> C	<u>Am</u> D	<u>B°</u> E	<u>C</u> F	<u>Dm</u> G	<u>Em</u> A	<u>F</u> B
—	B →	A →	F —	F —	F →	E →	C —
• →	D —	D —	D →	C →	A —	A —	A →
• →	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
—	B →	A →	F —	F —	F →	E →	C —
→	D —	D —	D →	C →	A —	A —	A →
→	D —	D —	D →	C →	A —	A —	A →
—	B →	A →	F —	F —	F →	E →	C —
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
→	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
→	D —	D —	D →	C →	A —	A —	A →
—	B →	A →	F —	F —	F →	E →	C —

M.S.R.P. CCBGG

||: C C B G G G F D D C A A G E E E D B B B A F F F E C :||

↓
1

↓
2

↓
5

↓
7

Chord Family: Triad I
B.N.

Cycle: 2

Scale: C major

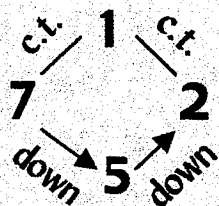
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 — c.t.
5 ↘ 3rd
7 ↘ 2nd
1 — c.t.

**Functional
Voice-Leading**

2 — 1
5 ↘ 2
7 ↘ 5
1 — 7



	<u>G</u>	<u>Am</u>	<u>B°</u>	<u>C</u>	<u>Dm</u>	<u>Em</u>	<u>E</u>
	C	D	E	F	G	A	B
→	D —	D —	D →	C →	A —	A —	A →
• →	G →	E —	E —	E →	D →	B —	B —
• —	B →	A →	F —	F —	F →	E →	C —
—	C —	C →	B →	G —	G —	G →	F →
→	G →	E —	E —	E →	D →	B —	B —
—	B →	A →	F —	F —	F →	E →	C —
—	C —	C →	B →	G —	G —	G →	F →
→	D —	D —	D →	C →	A —	A —	A →
—	B →	A →	F —	F —	F →	E →	C —
—	C —	C →	B →	G —	G —	G →	F →
→	D —	D —	D →	C →	A —	A —	A →
→	G →	E —	E —	E →	D →	B —	B —
—	C —	C →	B →	G —	G —	G →	F →
→	D —	D —	D →	C →	A —	A —	A →
→	G →	E —	E —	E →	D →	B —	B —
—	B →	A →	F —	F —	F →	E →	C —

M.S.R.P. CCBGG

||: C C B G G G F D D C A A G E E D B B B A F F E C :||

↓
1

↓
2

↓
5

↓
7

Chord Family: Triad I
B.N.

Cycle: 4

Scale: C major

Voicing Type: 4-way close

**Intervallic
Voice-Leading**

7 → 3rd

5 → 2nd

2 → 2nd

1 — c.t.

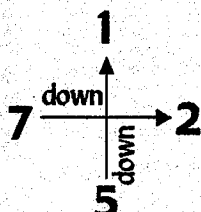
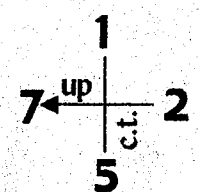
**Functional
Voice-Leading**

7 → 2

5 → 1

2 → 7

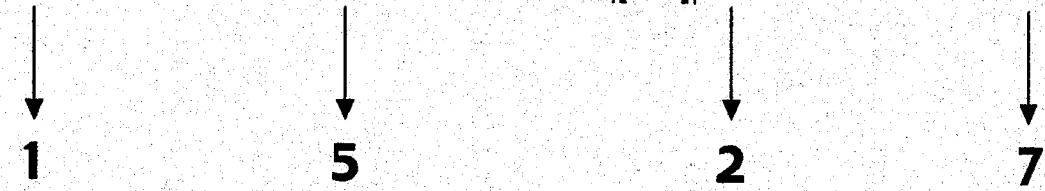
1 — 5



	<u>G</u>	<u>C</u>	<u>E</u>	<u>B°</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>
	C	F	B	E	A	D	G
• →	B →	G →	A →	F →	G →	E →	F →
• —	G →	F —	F →	E —	E →	D —	D →
• →	D →	E →	C →	D →	B →	C →	A →
• —	C —	C →	B —	B →	A —	A →	G —
• →	D →	E →	C →	D →	B →	C →	A →
• —	C —	C →	B —	B →	A —	A →	G —
• →	B →	G →	A →	F →	G →	E →	F →
• —	G →	F —	F →	E —	E →	D —	D →
• →	C —	C →	B —	B →	A —	A →	G —
• —	B →	G →	A →	F →	G →	E →	F →
• →	D →	E →	C →	D →	B →	C →	A →
• —	G →	F —	F →	E —	E →	D —	D →
• →	C —	C →	B —	B →	A —	A →	G —
• —	B →	G →	A →	F →	G →	E →	F →

M.S.R.P. 1) CCBBA 2) DECDB

1) ||: C C B B A A G G F F E E D D :|| 2) ||: D E C D B C A B G A F G E F :||

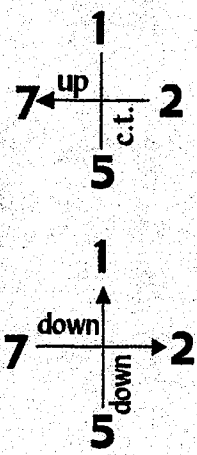


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2

Cycle: 4

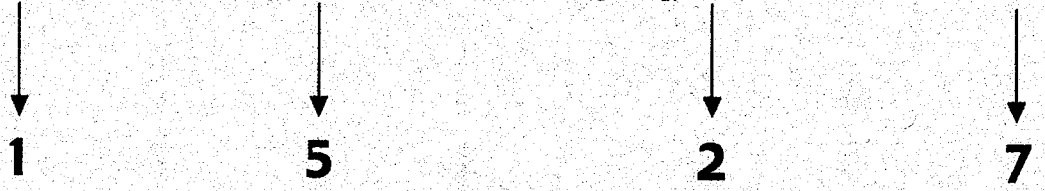
Scale: C major

		$\frac{G}{C}$	$\frac{C}{F}$	$\frac{E}{B}$	$\frac{B^{\circ}}{E}$	$\frac{Em}{A}$	$\frac{Am}{D}$	$\frac{Dm}{G}$
Intervallic								
Voice-Leading		D →	E →	C →	D →	B →	C →	A →
2 → 2nd	• →	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	• —	G →	F —	F →	E —	E →	D —	D →
5 → 2nd	→	C —	C →	B —	B →	A —	A →	G —
1 — c.t.								
		B →	G →	A →	F →	G →	E →	F →
		D →	E →	C →	D →	B →	C →	A →
Functional		C —	C →	B —	B →	A —	A →	G —
Voice-Leading	—	G →	F —	F →	E —	E →	D —	D →
2 → 7		G →	F —	F →	E —	E →	D —	D →
7 → 2	• →	C —	C →	B —	B →	A —	A →	G —
5 → 1	• →	B →	G →	A →	F →	G →	E →	F →
1 — 5	→	D →	E →	C →	D →	B →	C →	A →
		C —	C →	B —	B →	A —	A →	G —
		G →	F —	F →	E —	E →	D —	D →
		D →	E →	C →	D →	B →	C →	A →
		B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) $\overline{CCBB}A$ 2) \overline{DECDB}

1) $\parallel : CCBBAA GGFEEEDD : \parallel$ 2) $\parallel : DECDBCABGAFGEF : \parallel$

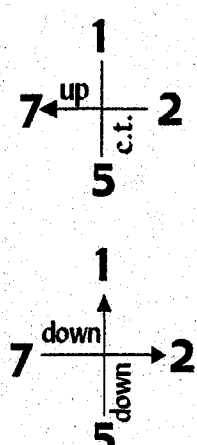


Chord Family: Triad I
B.N.
Voicing Type: Drop 3

Cycle: 4

Scale: C major

	<u>G</u>	<u>C</u>	<u>F</u>	<u>B^o</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>
	C	F	B	E	A	D	G
Intervallic Voice-Leading	G →	F →	F →	E →	E →	D →	D →
5 → 2nd	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	C →	C →	B →	B →	A →	A →	G →
1 — c.t.							
Functional Voice-Leading	C →	C →	B →	B →	A →	A →	G →
5 → 1	B →	G →	A →	F →	G →	E →	F →
2 → 7	D →	E →	C →	D →	B →	C →	A →
7 → 2	G →	F →	F →	E →	E →	D →	D →
1 — 5	C →	C →	B →	B →	A →	A →	G →
	D →	E →	C →	D →	B →	C →	A →
	D →	E →	C →	D →	B →	C →	A →
	C →	C →	B →	B →	A →	A →	G →
	G →	F →	F →	E →	E →	D →	D →
	B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) CCBBA 2) DECDB

1) ||: CCBBAAGGFEEEDD: || 2) ||: DECDBCABGAFGEF: ||

↓
↓
↓
↓

1
5
2
7

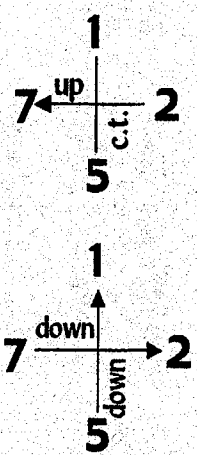
Chord Family: Triad
B.N. I

Cycle: 4

Scale: C major

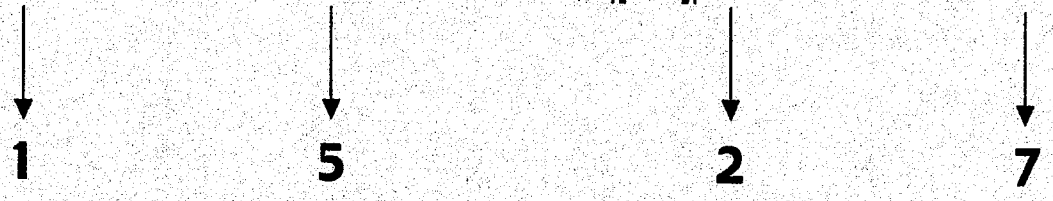
Voicing Type: Drop 2 & 3

		<u>G</u>	<u>C</u>	<u>E</u>	<u>B°</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>
		C	F	B	E	A	D	G
Intervallic								
Voice-Leading	—	G →	F —	F →	E —	E →	D —	D →
5 → 2nd	• →	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	• →	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	→	C —	C →	B —	B →	A —	A →	G —
1 — c.t.								
	→	C —	C →	B —	B →	A —	A →	G —
	→	D →	E →	C →	D →	B →	C →	A →
	→	B →	G →	A →	F →	G →	E →	F →
Functional	—	G →	F —	F →	E —	E →	D —	D →
Voice-Leading								
5 → 1	→	B →	G →	A →	F →	G →	E →	F →
7 → 2	• →	C —	C →	B —	B →	A —	A →	G —
2 → 7	• →	G →	F —	F →	E —	E →	D —	D →
1 — 5	→	D →	E →	C →	D →	B →	C →	A →
	→	D →	E →	C →	D →	B →	C →	A →
	→	G →	F —	F →	E —	E →	D —	D →
	→	C —	C →	B —	B →	A —	A →	G —
	→	B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) CCBBA 2) DECDB

1) ||: C C B B A A G G F F E E D D :|| 2) ||: D E C D B C A B G A F G E F :||



Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

Cycle: 4

Scale: C major

		<u>G</u> C	<u>C</u> F	<u>E</u> B	<u>B°</u> E	<u>Em</u> A	<u>Am</u> D	<u>Dm</u> G
Intervallic								
Voice-Leading	→	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	• →	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	• —	G →	F —	F →	E —	E →	D —	D →
5 → 2nd	→	C —	C →	B —	B →	A —	A →	G —
1 — c.t.								
	→	D →	E →	C →	D →	B →	C →	A →
	→	B →	G →	A →	F →	G →	E →	F →
Functional	→	C —	C →	B —	B →	A —	A →	G —
Voice-Leading	—	G →	F —	F →	E —	E →	D —	D →
7 → 2	—	G →	F —	F →	E —	E →	D —	D →
2 → 7	• →	C —	C →	B —	B →	A —	A →	G —
5 → 1	• →	D →	E →	C →	D →	B →	C →	A →
1 — 5	→	B →	G →	A →	F →	G →	E →	F →
1								
7 ^{up}								
5								
2								
1								
7 ^{down}								
5								
2								
1								

M.S.R.P. 1) CCBBA 2) DECDB

1) ||: C C B B A A G G F F E E D D :|| 2) ||: D E C D B C A B G A F G E F :||

↓
1

↓
5

↓
2

↓
7

Chord Family: Triad
B.N. I

Cycle: 4

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

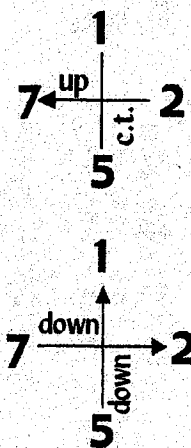
2 → 2nd
5 → 2nd
7 → 3rd
1 — c.t.

	<u>G</u>	<u>C</u>	<u>E</u>	<u>B^o</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>
	C	F	B	E	A	D	G
	D →	E →	C →	D →	B →	C →	A →
	G →	F —	F →	E —	E →	D —	D →
	B →	G →	A →	F →	G →	E →	F →
	C —	C →	B —	B →	A —	A →	G —

**Functional
Voice-Leading**

2 → 7
5 → 1
7 → 2
1 — 5

	B →	G →	A →	F →	G →	E →	F →
	C —	C →	B —	B →	A —	A →	G —
	D →	E →	C →	D →	B →	C →	A →
	G →	F —	F →	E —	E →	D —	D →
	G →	F —	F →	E —	E →	D —	D →
	B →	G →	A →	F →	G →	E →	F →
	C —	C →	B —	B →	A —	A →	G —
	D →	E →	C →	D →	B →	C →	A →



M.S.R.P. 1) C C B B A 2) D E C D B

1) ||: C C B B A A G G F F E E D D :| 2) ||: D E C D B C A B G A F G E F :|

↓
1

↓
5

↓
2

↓
7

Chord Family: Triad I
B.N.
Voicing Type: 4-way close

Cycle: 6

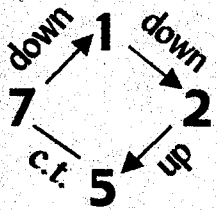
Scale: C major

**Intervallic
Voice-Leading**

7 → 2nd
 5 — c.t.
 2 → 2nd
 1 → 2nd

**Functional
Voice-Leading**

7 → 1
 5 — 7
 2 → 5
 1 → 2



	<u>G</u> C	<u>Em</u> A	<u>C</u> F	<u>Am</u> D	<u>E</u> B	<u>Dm</u> G	<u>B°</u> E
—	B →	A →	G →	A —	A →	G →	F →
• →	G —	G →	F →	E →	F —	F →	E →
• →	D →	E —	E →	D →	C →	D —	D →
→	C →	B →	C —	C →	B →	A →	B —
→	G —	G →	F →	E →	F —	F →	E →
→	D →	E —	E →	D →	C →	D —	D →
→	C →	B →	C —	C →	B →	A →	B —
—	B →	A →	G →	A —	A →	G →	F →
→	D →	E —	E →	D →	C →	D —	D →
→	C →	B →	C —	C →	B →	A →	B —
—	B →	A →	G →	A —	A →	G →	F →
→	G —	G →	F →	E →	F —	F →	E →
→	C →	B →	C —	C →	B →	A →	B —
—	B →	A →	G →	A —	A →	G →	F →
→	G —	G →	F →	E →	F —	F →	E →
→	D →	E —	E →	D →	C →	D —	D →

M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E F F E D E E D C D D :||

↓
1

↓
7

↓
5

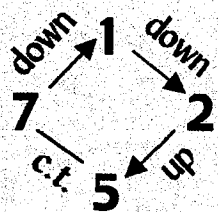
↓
2

Chord Family: Triad I
B.N.
Voicing Type: Drop 2

Cycle: 6

Scale: C major

		<u>G</u>	<u>Em</u>	<u>C</u>	<u>Am</u>	<u>E</u>	<u>Dm</u>	<u>B°</u>
		C	A	F	D	B	G	E
Intervallic								
Voice-Leading		D →	E —	E →	D →	C →	D —	D →
2 → 2nd	• —	B →	A →	G →	A —	A →	G →	F →
7 → 2nd	• →	G —	G →	F →	E →	F —	F →	E →
5 — c.t.	→	C →	B →	C —	C →	B →	A →	B —
1 → 2nd								
		C →	B →	C —	C →	B →	A →	B —
		G —	G →	F →	E →	F —	F →	E →
Functional		D →	E —	E →	D →	C →	D —	D →
Voice-Leading	—	B →	A →	G →	A —	A →	G →	F →
2 → 5								
7 → 1	—	B →	A →	G →	A —	A →	G →	F →
5 — 7	→	D →	E —	E →	D →	C →	D —	D →
1 → 2	→	C →	B →	C —	C →	B →	A →	B —
	→	G —	G →	F →	E →	F —	F →	E →
		G —	G →	F →	E →	F —	F →	E →
		C →	B →	C —	C →	B →	A →	B —
		B →	A →	G →	A —	A →	G →	F →
		D →	E —	E →	D →	C →	D —	D →



M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E F F E D E E D C D D :||



Chord Family: Triad I
 B.N.

Voicing Type: Drop 3

Cycle: 6

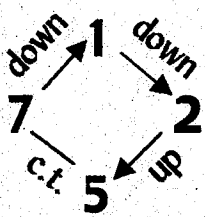
Scale: C major

**Intervallic
Voice-Leading**

- 5 — c.t.
- 2 ↗ 2nd
- 7 ↘ 2nd
- 1 ↘ 2nd

**Functional
Voice-Leading**

- 5 — 7
- 2 ↗ 5
- 7 ↘ 1
- 1 ↘ 2



		<u>G</u>	<u>Em</u>	<u>C</u>	<u>Am</u>	<u>F</u>	<u>Dm</u>	<u>B°</u>
		C	A	F	D	B	G	E
	→	G—	G→	F→	E→	F—	F→	E→
	•→	D→	E—	E→	D→	C→	D—	D→
	•—	B→	A→	G→	A—	A→	G→	F→
	→	C→	B→	C—	C→	B→	A→	B—
	→	D→	E—	E→	D→	C→	D—	D→
	→	C→	B→	C—	C→	B→	A→	B—
	→	G—	G→	F→	E→	F—	F→	E→
	—	B→	A→	G→	A—	A→	G→	F→
	→	C→	B→	C—	C→	B→	A→	B—
	—	B→	A→	G→	A—	A→	G→	F→
	→	D→	E—	E→	D→	C→	D—	D→
	→	G—	G→	F→	E→	F—	F→	E→
	—	B→	A→	G→	A—	A→	G→	F→
	→	G—	G→	F→	E→	F—	F→	E→
	→	C→	B→	C—	C→	B→	A→	B—
	→	D→	E—	E→	D→	C→	D—	D→

M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E F F E D E E D C D D :||

↓ ↓ ↓ ↓

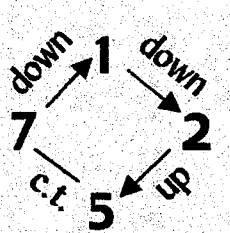
1 7 5 2

Chord Family: Triad I
B.N. I
Voicing Type: Drop 2 & 3

Cycle: 6

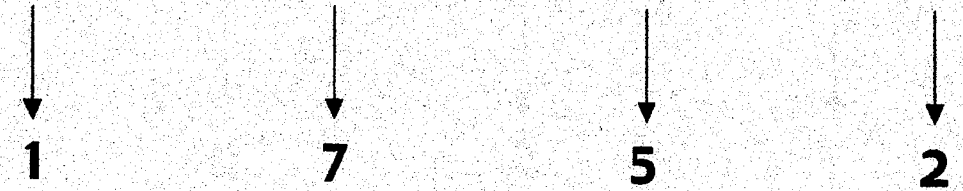
Scale: C major

	<u>G</u> C	<u>Em</u> A	<u>C</u> F	<u>Am</u> D	<u>F</u> B	<u>Dm</u> G	<u>B°</u> E
Intervallic Voice-Leading	↗	↘	↗	↘	↗	↘	↗
5 — c.t.	G —	G ↗	F ↘	E ↗	F —	F ↘	E ↗
7 ↘ 2nd	B ↗	A ↘	G ↗	A —	A ↘	G ↗	F ↘
2 ↗ 2nd	D ↗	E —	E ↘	D ↗	C ↘	D —	D ↗
1 ↘ 2nd	C ↘	B ↗	C —	C ↗	B ↘	A ↗	B —
Functional							
Voice-Leading	↗	↘	↗	↘	↗	↘	↗
5 — 7	D ↗	E —	E ↘	D ↗	C ↘	D —	D ↗
7 ↘ 1	G —	G ↗	F ↘	E ↗	F —	F ↘	E ↗
2 ↗ 5	C ↘	B ↗	C —	C ↗	B ↘	A ↗	B —
1 ↘ 2	B ↗	A ↘	G ↗	A —	A ↘	G ↗	F ↘



M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E F F E D E E D C D D :||



Chord Family: Triad I
B.N.

Cycle: 6

Scale: C major

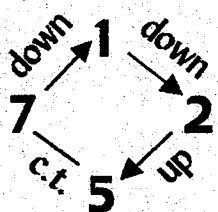
Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 → 2nd
2 → 2nd
5 — c.t.
1 → 2nd

**Functional
Voice-Leading**

7 → 1
2 → 5
5 — 7
1 → 2



	<u>G</u> C	<u>Em</u> A	<u>C</u> F	<u>Am</u> D	<u>E</u> B	<u>Dm</u> G	<u>B°</u> E
—	B →	A →	G →	A —	A →	G →	F →
• →	D →	E —	E →	D →	C →	D —	D →
• →	G —	G →	F →	E →	F —	F →	E →
→	C →	B →	C —	C →	B →	A →	B —
→	G —	G →	F →	E →	F —	F →	E →
→	C →	B →	C —	C →	B →	A →	B —
→	D →	E —	E →	D →	C →	D —	D →
—	B →	A →	G →	A —	A →	G →	F →
→	D →	E —	E →	D →	C →	D —	D →
—	B →	A →	G →	A —	A →	G →	F →
→	C →	B →	C —	C →	B →	A →	B —
→	G —	G →	F →	E →	F —	F →	E →
→	C →	B →	C —	C →	B →	A →	B —
→	G —	G →	F →	E →	F —	F →	E →
→	C →	B →	C —	C →	B →	A →	B —
→	G —	G →	F →	E →	F —	F →	E →
—	B →	A →	G →	A —	A →	G →	F →
→	D →	E —	E →	D →	C →	D —	D →

M.S.R.P. CBCCB

||: CBCCBABBA GAAGFGGF EFFE EDEE DCDD :||

1

7

5

2

Chord Family: Triad I
B.N.

Cycle: 6

Scale: C major

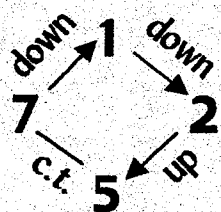
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 2nd
5 — c.t.
7 → 2nd
1 → 2nd

**Functional
Voice-Leading**

2 → 5
5 — 7
7 → 1
1 → 2



	<u>G</u>	<u>Em</u>	<u>C</u>	<u>Am</u>	<u>E</u>	<u>Dm</u>	<u>B°</u>
	C	A	F	D	B	G	E
→	D →	E —	E →	D →	C →	D —	D →
• →	G —	G →	F →	E →	F —	F →	E →
• —	B →	A →	G →	A —	A →	G →	F →
→	C →	B →	C —	C →	B →	A →	B —
→	C →	B →	C —	C →	B →	A →	B —
→	D →	E —	E →	D →	C →	D —	D →
→	G —	G →	F →	E →	F —	F →	E →
—	B →	A →	G →	A —	A →	G →	F →
—	B →	A →	G →	A —	A →	G →	F →
→	C →	B →	C —	C →	B →	A →	B —
→	D →	E —	E →	D →	C →	D —	D →
→	G —	G →	F →	E →	F —	F →	E →
→	G —	G →	F →	E →	F —	F →	E →
→	G —	G →	F →	E →	F —	F →	E →
—	B →	A →	G →	A —	A →	G →	F →
→	C →	B →	C —	C →	B →	A →	B —
→	D →	E —	E →	D →	C →	D —	D →

M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E F F E D E E D C D D :||

↓
1

↓
7

↓
5

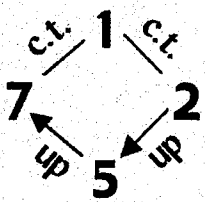
↓
2

Chord Family: Triad
B.N. I
Voicing Type: 4-way close

Cycle: 7

Scale: C major

		<u>G</u>	<u>F</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>	<u>B°</u>	<u>Am</u>
Intervallic Voice-Leading		C	B	A	G	F	E	D
	7 — c.t.	→ B —	→ B —	→ B →	→ D →	→ E —	→ E —	→ E →
	5 → 2nd	→ G →	→ A —	→ A —	→ A →	→ C →	→ D —	→ D —
	2 → 3rd	→ D →	→ F →	→ G —	→ G —	→ G →	→ B →	→ C —
	1 — c.t.	→ C —	→ C →	→ E →	→ F —	→ F —	→ F →	→ A →
Functional Voice-Leading		→ G →	→ A —	→ A —	→ A →	→ C →	→ D —	→ D —
		→ D →	→ F →	→ G —	→ G —	→ G →	→ B →	→ C —
		→ C —	→ C →	→ E →	→ F —	→ F —	→ F →	→ A →
		→ B —	→ B —	→ B →	→ D →	→ E —	→ E —	→ E →
	7 — 1	→ G →	→ A —	→ A —	→ A →	→ C →	→ D —	→ D —
	5 → 7	→ D →	→ F →	→ G —	→ G —	→ G →	→ B →	→ C —
	2 → 5	→ C —	→ C →	→ E →	→ F —	→ F —	→ F →	→ A →
	1 — 2	→ B —	→ B —	→ B →	→ D →	→ E —	→ E —	→ E →
		→ G →	→ A —	→ A —	→ A →	→ C →	→ D —	→ D —
		→ C —	→ C →	→ E →	→ F —	→ F —	→ F →	→ A →



M.S.R.P. C C E F F

||: C C E F F F A B B B D E E E G A A A C D D D F G G G B C :||

↓
1

↓
7

↓
5

↓
2

Chord Family: Triad I
 B.N. I
Voicing Type: Drop 2

Cycle: 7

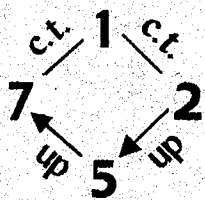
Scale: C major

**Intervallic
 Voice-Leading**

2 → 3rd
 7 — c.t.
 5 → 2nd
 1 — c.t.

**Functional
 Voice-Leading**

2 → 5
 7 — 1
 5 → 7
 1 — 2



	<u>G</u> C	<u>F</u> B	<u>Em</u> A	<u>Dm</u> G	<u>C</u> F	<u>B°</u> E	<u>Am</u> D
—	D →	F →	G —	G —	G →	B →	C —
• →	B —	B —	B →	D →	E —	E —	E →
• →	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
—	D →	F →	G —	G —	G →	B →	C —
→	B —	B —	B →	D →	E —	E —	E →
→	B —	B —	B →	D →	E —	E —	E →
—	D →	F →	G —	G —	G →	B →	C —
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
→	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
→	B —	B —	B →	D →	E —	E —	E →
—	D →	F →	G —	G —	G →	B →	C —

M.S.R.P. C C E F F

||: C C E F F F A B B B D E E E G A A A C D D D F G G G B C :||

↓
1

↓
7

↓
5

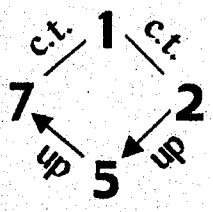
↓
2

Chord Family: Triad I
B.N.
Voicing Type: Drop 3

Cycle: 7

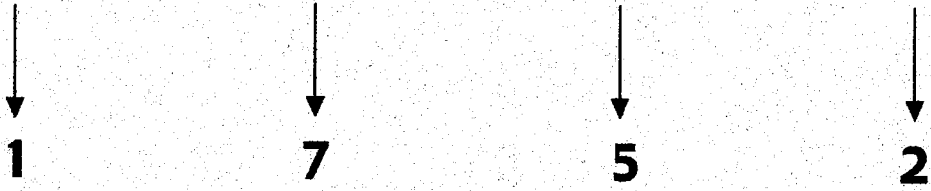
Scale: C major

		<u>G</u>	<u>F</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>	<u>B°</u>	<u>Am</u>
Intervallic Voice-Leading		C	B	A	G	F	E	D
	5 → 2nd	G →	A —	A —	A →	C →	D —	D —
	2 → 3rd	D →	F →	G —	G —	G →	B →	C —
	7 — c.t.	B —	B —	B →	D →	E —	E —	E →
1 — c.t.	C —	C →	E →	F —	F —	F →	A →	
Functional Voice-Leading		D →	F →	G —	G —	G →	B →	C —
		C —	C →	E →	F —	F —	F →	A →
		G →	A —	A —	A →	C →	D —	D —
		B —	B —	B →	D →	E —	E —	E →
	5 → 7	C —	C →	E →	F —	F —	F →	A →
	2 → 5	B —	B —	B →	D →	E —	E —	E →
	7 — 1	D →	F →	G —	G —	G →	B →	C —
	1 — 2	G →	A —	A —	A →	C →	D —	D —
		B —	B —	B →	D →	E —	E —	E →
		G →	A —	A —	A →	C →	D —	D —



M.S.R.P. C C E F F

||: C C E F F F A B B B D E E E G A A A C D D D F G G G B C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 7

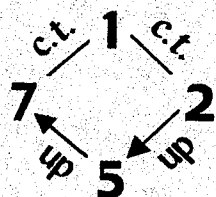
Scale: C major

**Intervallic
Voice-Leading**

5 → 2nd
 7 — c.t.
 2 → 3rd
 1 — c.t.

**Functional
Voice-Leading**

5 → 7
 7 — 1
 2 → 5
 1 — 2



	$\frac{G}{C}$	$\frac{E}{B}$	$\frac{Em}{A}$	$\frac{Dm}{G}$	$\frac{C}{F}$	$\frac{B^\circ}{E}$	$\frac{Am}{D}$
→	G →	A —	A —	A →	C →	D —	D —
• →	B —	B —	B →	D →	E —	E —	E →
• —	D →	F →	G —	G —	G →	B →	C —
—	C —	C →	E →	F —	F —	F →	A →
—	D →	F →	G —	G —	G →	B →	C —
→	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
→	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
—	D →	F →	G —	G —	G →	B →	C —
→	B —	B —	B →	D →	E —	E —	E →
→	G →	A —	A —	A →	C →	D —	D —
→	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
—	D →	F →	G —	G —	G →	B →	C —

M.S.R.P. \overline{CCEFF}

||: C C E F F F A B B B D E E E G A A A C D D D F G G G B C :||

↓
1

↓
7

↓
5

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$

Cycle: 7

Scale: C major

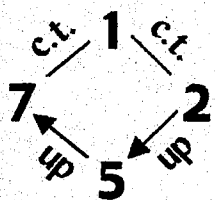
Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 — c.t.
2 → 3rd
5 → 2nd
1 — c.t.

**Functional
Voice-Leading**

7 — 1
2 → 5
5 → 7
1 — 2



	<u>G</u>	<u>F</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>	<u>B°</u>	<u>Am</u>
	C	B	A	G	F	E	D
→	B —	B —	B →	D →	E —	E —	E →
• —	D →	F →	G —	G —	G →	B →	C —
• →	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
→	D →	F →	G —	G —	G →	B →	C —
→	B —	B —	B →	D →	E —	E —	E →
—	D →	F →	G —	G —	G →	B →	C —
→	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
→	B —	B —	B →	D →	E —	E —	E →
—	D →	F →	G —	G —	G →	B →	C —

M.S.R.P. $\overline{\text{CCEFF}}$

$\text{:: CCEFF FFABBBDEEEGA AACD DDFG GGBC ::}$

↓
1

↓
7

↓
5

↓
2

Chord Family: Triad I
B.N.

Cycle: 7

Scale: C major

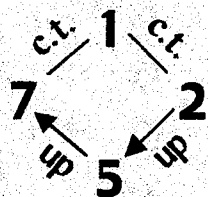
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 3rd
5 → 2nd
7 — c.t.
1 — c.t.

**Functional
Voice-Leading**

2 → 5
5 → 7
7 — 1
1 — 2



	<u>G</u>	<u>E</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>	<u>B°</u>	<u>Am</u>
	C	B	A	G	F	E	D
	D →	F →	G —	G —	G →	B →	C —
• →	G →	A —	A —	A →	C →	D —	D —
• →	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
—	C —	C →	E →	F —	F —	F →	A →
—	D →	F →	G —	G —	G →	B →	C —
→	G →	A —	A —	A →	C →	D —	D —
→	B —	B —	B →	D →	E —	E —	E →
→	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
—	D →	F →	G —	G —	G →	B →	C —
→	G →	A —	A —	A →	C →	D —	D —
→	B —	B —	B →	D →	E —	E —	E →
—	C —	C →	E →	F —	F —	F →	A →
—	D →	F →	G —	G —	G →	B →	C —

M.S.R.P. C C E F F

||: C C E F F F A B B B D E E E G A A A C D D D F G G G B C :||



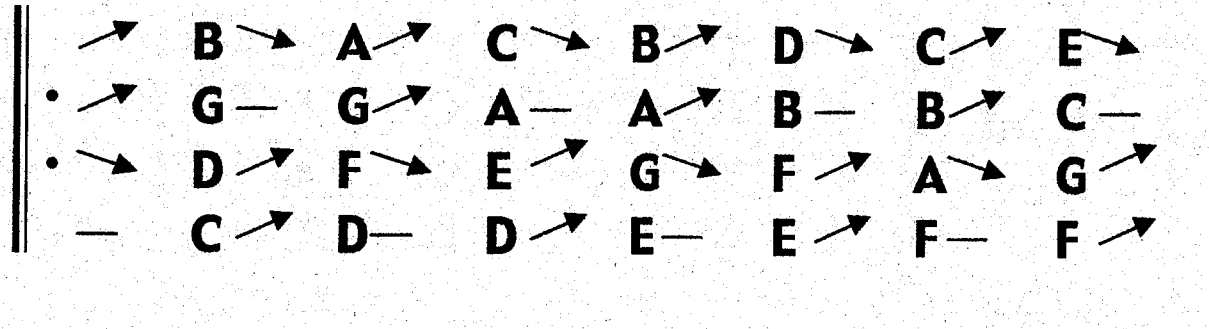
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: 4-way close

Cycle: 5

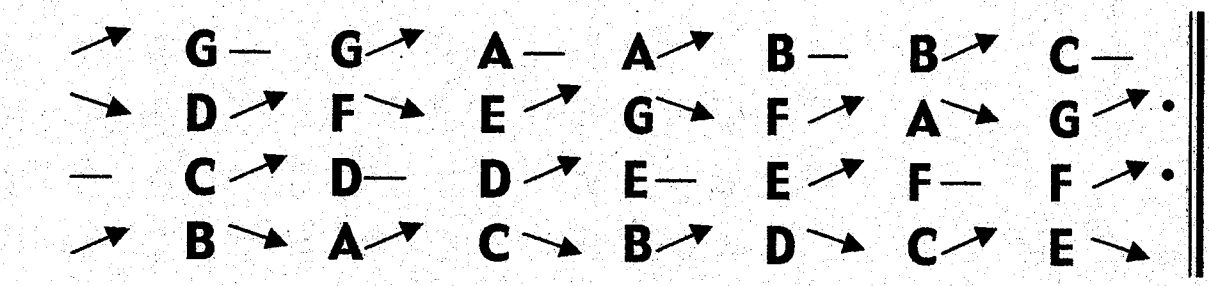
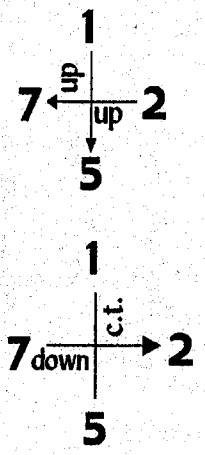
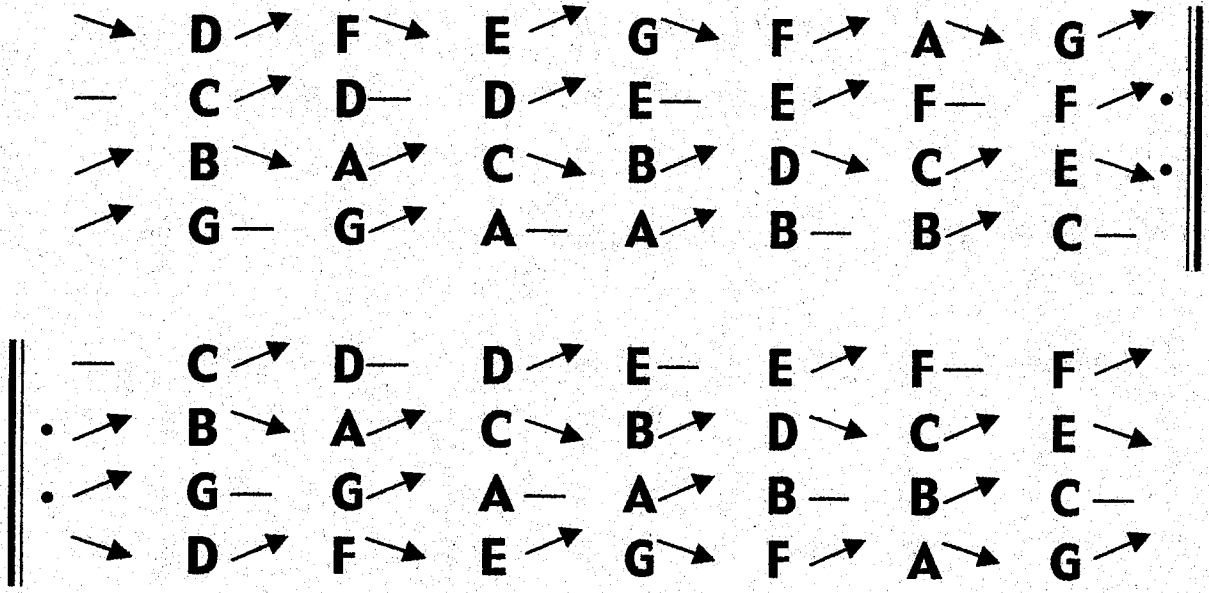
Scale: C major

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{Am}{D}$ $\frac{Em}{A}$ $\frac{B^{\circ}}{E}$ $\frac{E}{B}$ $\frac{C}{F}$

Intervallic Voice-Leading
 7 → 2nd
 5 — c.t.
 2 → 3rd
 1 → 2nd



Functional Voice-Leading
 7 → 2
 5 — 1
 2 → 7
 1 → 5



M.S.R.P. 1) $\overbrace{C D D E E}$ 2) $\overbrace{B A C B D}$

1) $||: C D D E E F F G G A A B B C :||$ 2) $||: B A C B D C E D F E G F A G :||$

↓
1

↓
5

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: Drop 2

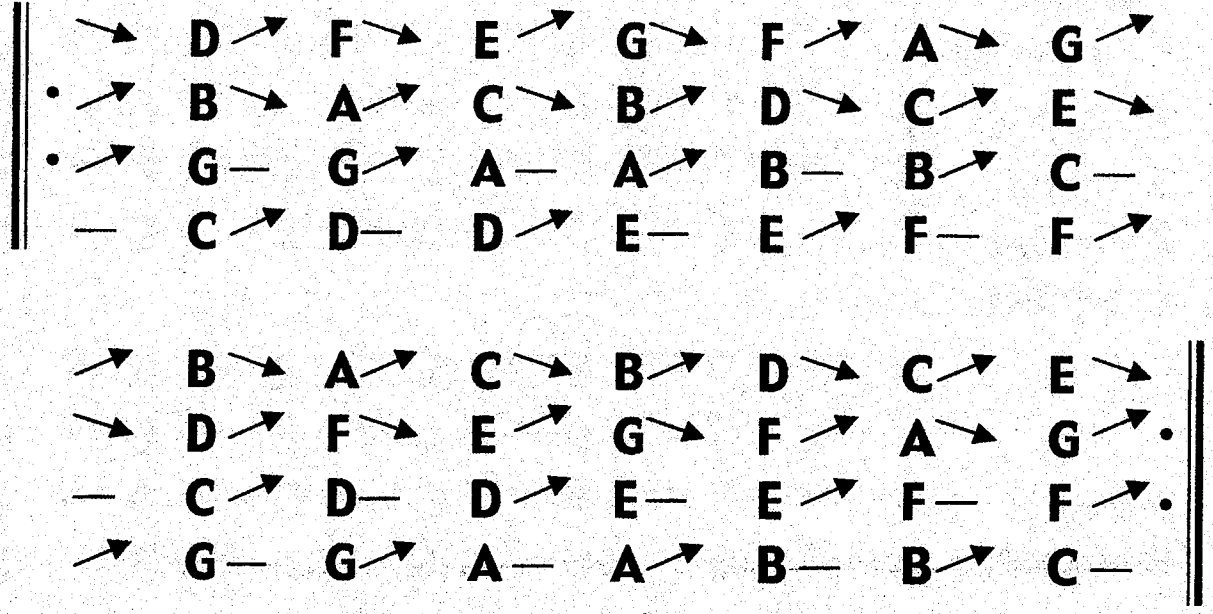
Cycle: 5

Scale: C major

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{Am}{D}$ $\frac{Em}{A}$ $\frac{B^{\circ}}{E}$ $\frac{F}{B}$ $\frac{C}{F}$

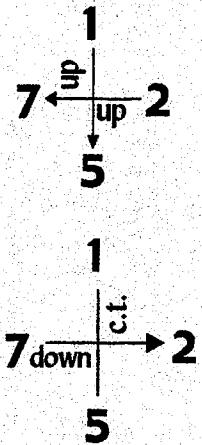
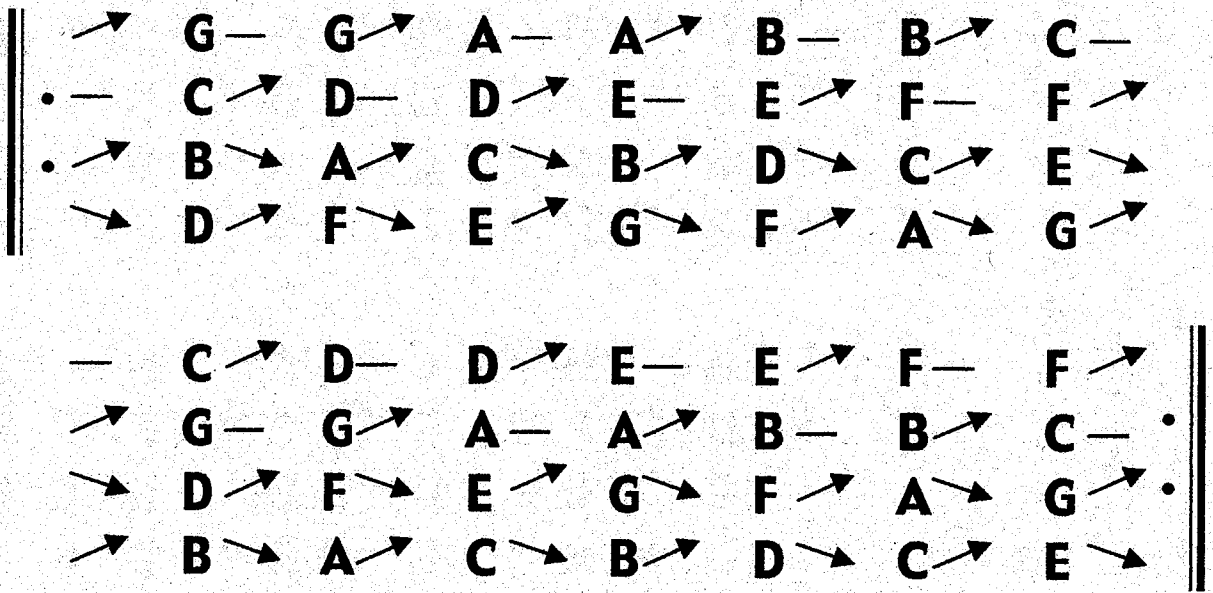
**Intervallic
Voice-Leading**

2 \nearrow 3rd
 7 \searrow 2nd
 5 — c.t.
 1 \nearrow 2nd



**Functional
Voice-Leading**

2 \nearrow 7
 7 \searrow 2
 5 — 1
 1 \nearrow 5



M.S.R.P. 1) \overline{CDDEE} 2) \overline{BACBD}

1) \parallel : CDDEEFFFGGAABBC: \parallel 2) \parallel : BACBDCEDFEGFAG: \parallel



Chord Family: Triad B.N. I
Type: Drop 3

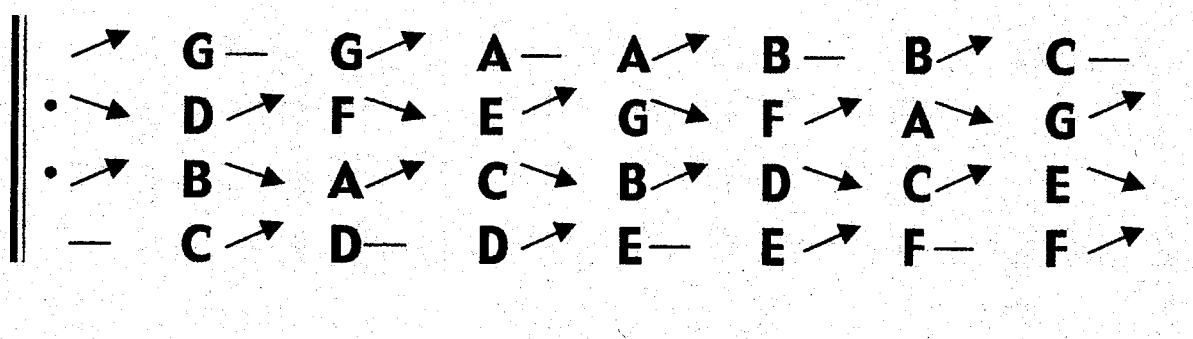
Cycle: 5

Scale: C major

G C Dm G Am D Em A B° E F B C F

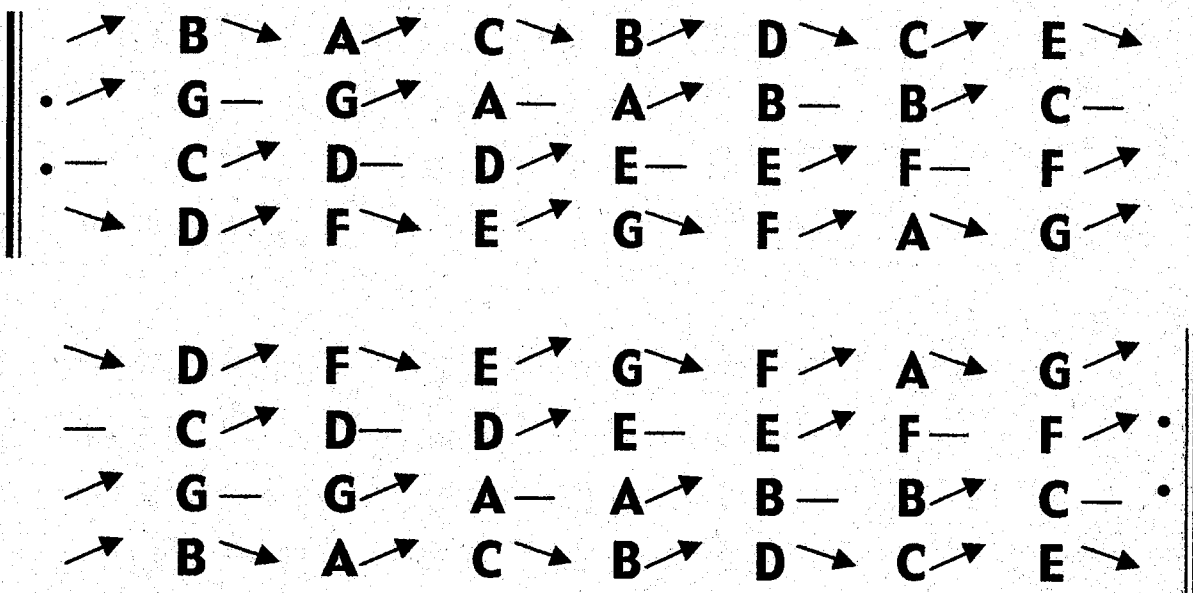
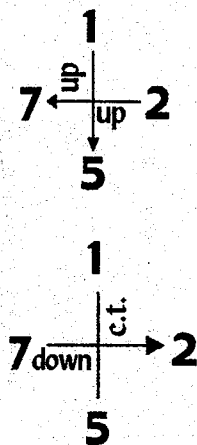
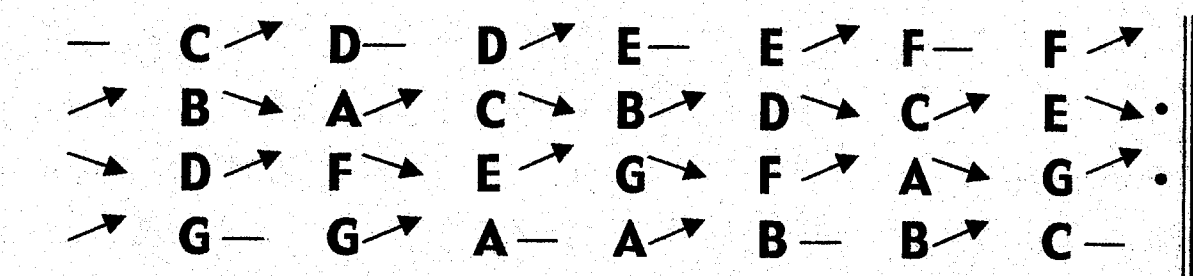
Intervallic Voice-Leading

5 — c.t.
 2 → 3rd
 7 ↘ 2nd
 1 → 2nd



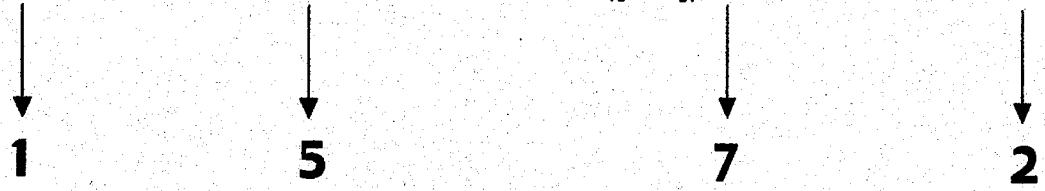
Functional Voice-Leading

5 — 1
 2 → 7
 7 ↘ 2
 1 → 5



M.S.R.P. 1) C D D E E 2) B A C B D

1) ||: C D D E E F F G G A A B B C :|| 2) ||: B A C B D C E D F E G F A G :||



Chord Family: Triad B.N. I
Type: Drop 2 & 3

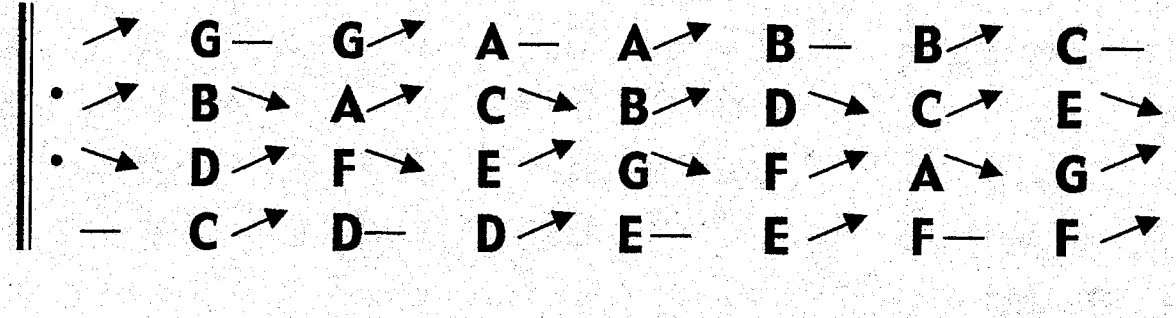
Cycle: 5

Scale: C major

<u>G</u>	<u>Dm</u>	<u>Am</u>	<u>Em</u>	<u>B°</u>	<u>E</u>	<u>C</u>
C	G	D	A	E	B	F

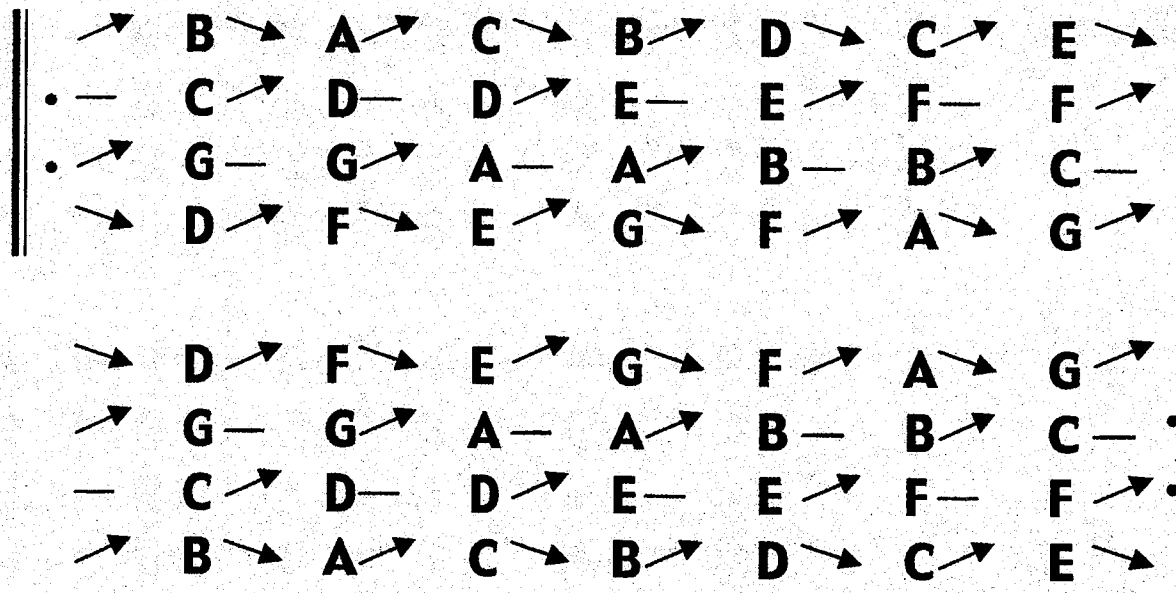
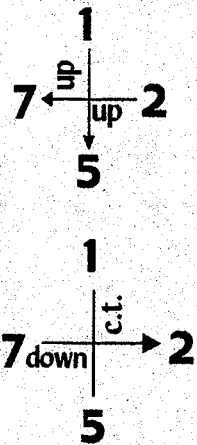
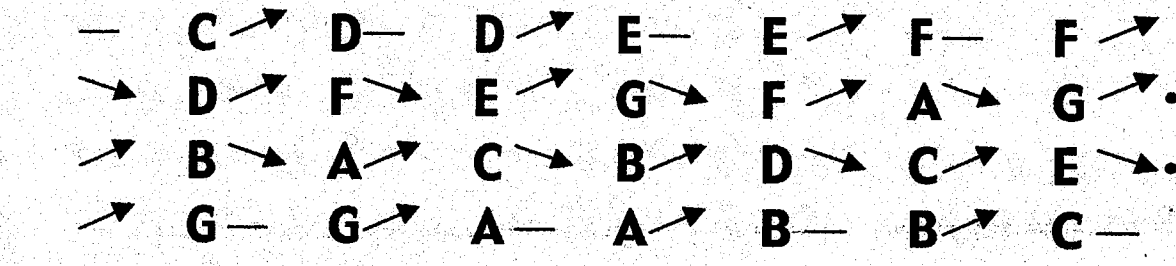
**Intervallic
Voice-Leading**

5 — c.t.
 7 ↘ 2nd
 2 → 3rd
 1 → 2nd



**Functional
Voice-Leading**

5 — 1
 7 ↘ 2
 2 → 7
 1 → 5



M.S.R.P. 1) CDDEE 2) BACBD

1) ||: CDDEEFFFGGAABBC: || 2) ||: BACBDCEDFEGFAG: ||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: Drop 2 & 4

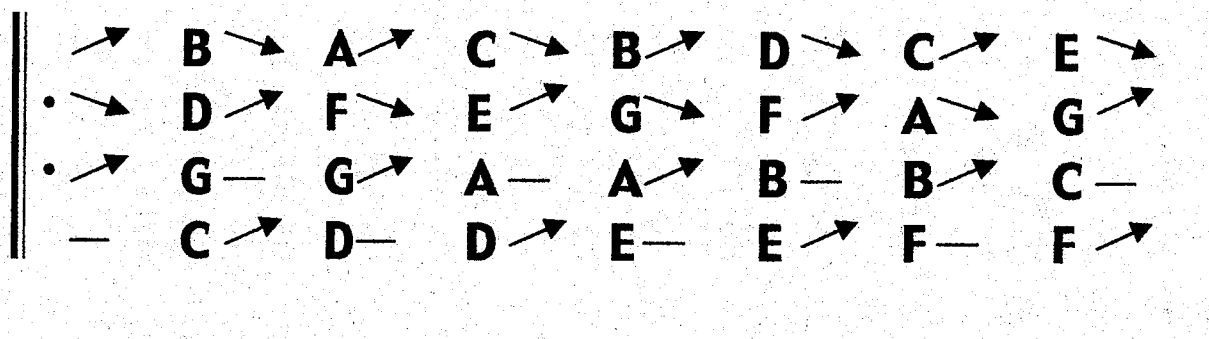
Cycle: 5

Scale: C major

$\frac{G}{C}$	$\frac{Dm}{G}$	$\frac{Am}{D}$	$\frac{Em}{A}$	$\frac{B^\circ}{E}$	$\frac{E}{B}$	$\frac{C}{F}$
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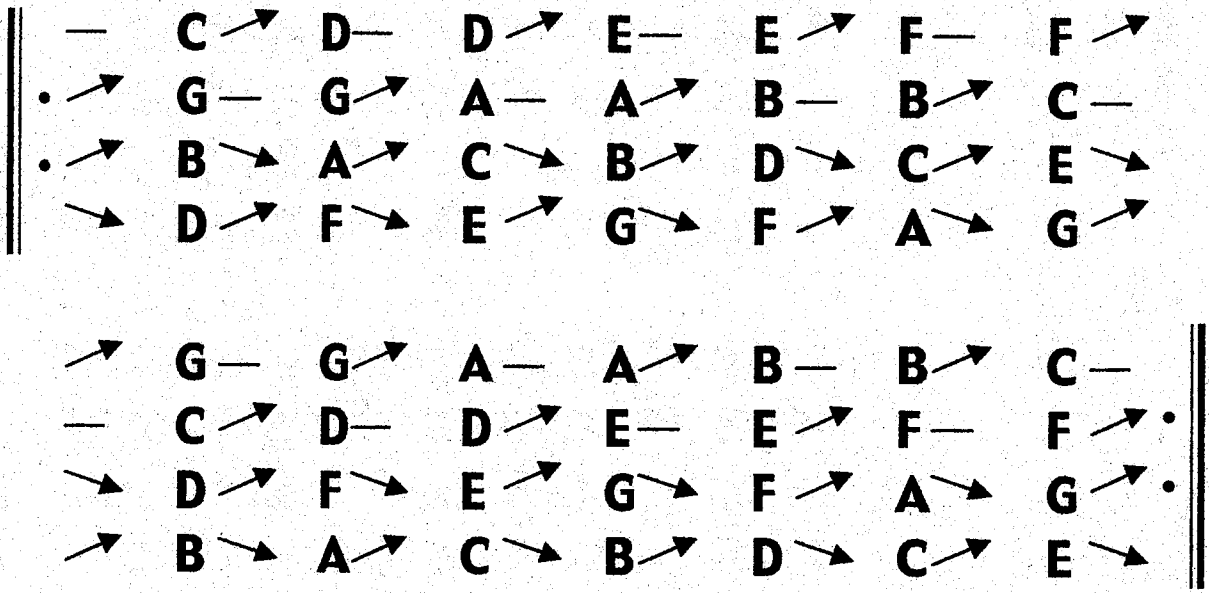
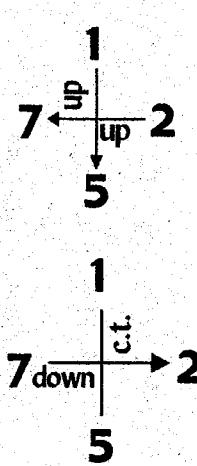
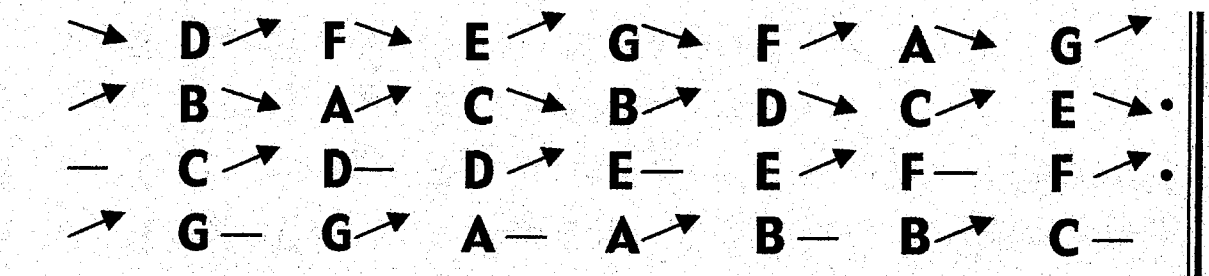
**Intervallic
Voice-Leading**

7 → 2nd
 2 → 3rd
 5 — c.t.
 1 → 2nd



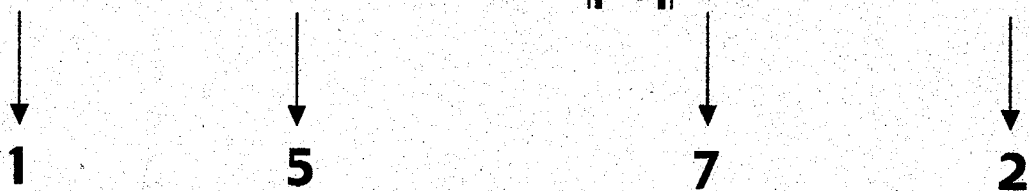
**Functional
Voice-Leading**

7 → 2
 2 → 7
 5 — 1
 1 → 5



M.S.R.P. 1) \overbrace{CDDEE} 2) \overbrace{BACBD}

1) ||: CDDEEFFFGGAABBC: || 2) ||: BACBDCEDFEGFAG: ||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Type: Double Drop 2,
 Drop 3

Cycle: 5

Scale: C major

$\frac{G}{C}$	$\frac{Dm}{G}$	$\frac{Am}{D}$	$\frac{Em}{A}$	$\frac{B^{\circ}}{E}$	$\frac{E}{B}$	$\frac{C}{F}$
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Intervallic Voice-Leading

2 → 3rd	→	D → F	F → E	E → G	G → F	F → A	A → G
5 — c.t.	• →	G — G	G → A	A — A	A → B	B — B	B → C
7 ↘ 2nd	• →	B → A	A → C	C → B	B → D	D → C	C → E
1 → 2nd	—	C → D	D — D	D → E	E — E	E → F	F — F

Functional Voice-Leading

2 → 7	→	B → A	A → C	C → B	B → D	D → C	C → E
5 — 1	—	C → D	D — D	D → E	E — E	E → F	F → F
7 → 2	→	D → F	F → E	E → G	G → F	F → A	A → G
1 → 5	→	G — G	G → A	A — A	A → B	B — B	B → C

Intervallic/Fractional diagrams:

1	up	7	up	2
5	down	1	c.t.	2
5	down	7	down	2

M.S.R.P. 1) \overbrace{CDDEE} 2) \overbrace{BACBD}

1) ||: CDDEEFFFGGAABBC:| 2) ||: BACBDCEDFEGFAG:|

↓	↓	↓	↓
1	5	7	2

Chord Family: Triad I
 B.N. I
Voicing Type: 4-way close

Cycle: 3

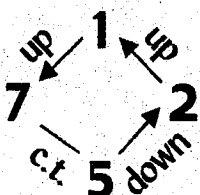
Scale: C major

**Intervallic
 Voice-Leading**

7 — c.t.
 5 → 2nd
 2 → 2nd
 1 → 2nd

**Functional
 Voice-Leading**

7 — 5
 5 → 2
 2 → 1
 1 → 7



		<u>G</u>	<u>B°</u>	<u>Dm</u>	<u>F</u>	<u>Am</u>	<u>C</u>	<u>Em</u>
		C	E	G	B	D	F	A
•	→	B —	B →	A →	B →	C —	C →	B →
•	→	G →	F →	G →	A —	A →	G →	A →
	→	D →	E →	F —	F →	E →	F →	G —
	→	C →	D —	D →	C →	D →	E —	E →
	→	C →	D —	D →	C →	D →	E —	E →
	→	B —	B →	A →	B →	C —	C →	B →
	→	G →	F →	G →	A —	A →	G →	A →
	→	D →	E →	F —	F →	E →	F →	G —
	→	D →	E →	F —	F →	E →	F →	G —
	→	C →	D —	D →	C →	D →	E —	E →
	→	B —	B →	A →	B →	C —	C →	B →
	→	G →	F →	G →	A —	A →	G →	A →
	→	G →	F →	G →	A —	A →	G →	A →
	→	D →	E →	F —	F →	E →	F →	G —
	→	C →	D —	D →	C →	D →	E —	E →
	→	B —	B →	A →	B →	C —	C →	B →

M.S.R.P. **CDDCD**

||: **CDDCDEEDEFEEFGGFGAAGABBABCCB** :||

↓
1

↓
2

↓
5

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2

Cycle: 3

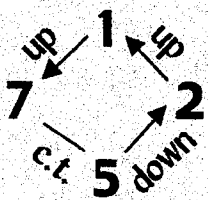
Scale: C major

**Intervallic
Voice-Leading**

2 → 2nd
 7 — c.t.
 5 → 2nd
 1 → 2nd

**Functional
Voice-Leading**

2 → 1
 7 — 5
 5 → 2
 1 → 7



	$\frac{G}{C}$	$\frac{B^{\circ}}{E}$	$\frac{Dm}{G}$	$\frac{E}{B}$	$\frac{Am}{D}$	$\frac{C}{F}$	$\frac{Em}{A}$
→	D →	E →	F —	F →	E →	F →	G —
• →	B —	B →	A →	B →	C —	C →	B →
• —	G →	F →	G →	A —	A →	G →	A →
→	C →	D —	D →	C →	D →	E —	E →
—	G →	F →	G →	A —	A →	G →	A →
→	C →	D —	D →	C →	D →	E —	E →
→	B —	B →	A →	B →	C —	C →	B →
→	D →	E →	F —	F →	E →	F →	G —
→	B —	B →	A →	B →	C —	C →	B →
→	D →	E →	F —	F →	E →	F →	G —
→	C →	D —	D →	C →	D →	E —	E →
→	G →	F →	G →	A —	A →	G →	A →
→	C →	D —	D →	C →	D →	E —	E →
→	G →	F →	G →	A —	A →	G →	A →
→	D →	E →	F —	F →	E →	F →	G —
→	B —	B →	A →	B →	C —	C →	B →

M.S.R.P. \overline{CDDCD}

||: CDD CDE EDEF EE FG GFGA AG ABBA BCCB :||



Chord Family: Triad I
B.N.
Voicing Type: Drop 3

Cycle: 3

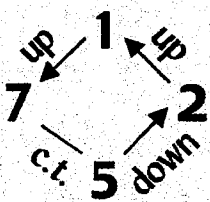
Scale: C major

**Intervallic
 Voice-Leading**

5 → 2nd
 2 → c.t.
 7 — 2nd
 1 → 2nd

**Functional
 Voice-Leading**

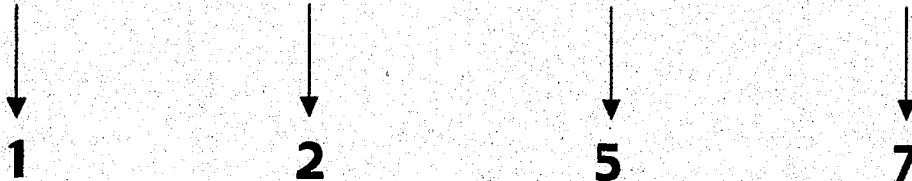
5 → 2
 2 → 1
 7 — 5
 1 → 7



	<u>G</u>	<u>B^o</u>	<u>Dm</u>	<u>E</u>	<u>Am</u>	<u>C</u>	<u>Em</u>
	C	E	G	B	D	F	A
—	G →	F →	G →	A —	A →	G →	A →
• →	D →	E →	F —	F →	E →	F →	G —
• →	B —	B →	A →	B →	C —	C →	B →
→	C →	D —	D →	C →	D →	E —	E →
→	B —	B →	A →	B →	C —	C →	B →
—	G →	F →	G →	A —	A →	G →	A →
→	C →	D —	D →	C →	D →	E —	E →
→	D →	E →	F —	F →	E →	F →	G —
→	C →	D —	D →	C →	D →	E —	E →
→	B —	B →	A →	B →	C —	C →	B →
→	D →	E →	F —	F →	E →	F →	G —
—	G →	F →	G →	A —	A →	G →	A →
→	D →	E →	F —	F →	E →	F →	G —
→	C →	D —	D →	C →	D →	E —	E →
—	G →	F →	G →	A —	A →	G →	A →
→	B —	B →	A →	B →	C —	C →	B →

M.S.R.P. CDDCD

||: CDDCDEEDEFEEFGGFGAAGABBABCCB :||

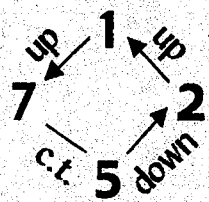


Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 3

Scale: C major

		$\frac{\text{G}}{\text{C}}$	$\frac{\text{B}^\circ}{\text{E}}$	$\frac{\text{Dm}}{\text{G}}$	$\frac{\text{F}}{\text{B}}$	$\frac{\text{Am}}{\text{D}}$	$\frac{\text{C}}{\text{F}}$	$\frac{\text{Em}}{\text{A}}$	
Intervallic Voice-Leading		—	G →	F →	G →	A —	A →	G →	A →
		• →	B —	B →	A →	B →	C —	C →	B →
5 → 2nd		• →	D →	E →	F —	F →	E →	F →	G —
7 — c.t.		→	C →	D —	D →	C →	D →	E —	E →
2 → 2nd									
1 → 2nd									
		→	B —	B →	A →	B →	C —	C →	B →
		→	C →	D —	D →	C →	D →	E —	E →
Functional Voice-Leading		—	G →	F →	G →	A —	A →	G →	A →
		↘	D →	E →	F —	F →	E →	F →	G —
5 → 2		→	C →	D —	D →	C →	D →	E —	E →
7 — 5		↘	D →	E →	F —	F →	E →	F →	G —
2 → 1		→	B —	B →	A →	B →	C —	C →	B →
1 → 7		→	G →	F →	G →	A —	A →	G →	A →
		↘	D →	E →	F —	F →	E →	F →	G —
		→	G →	F →	G →	A —	A →	G →	A →
		→	C →	D —	D →	C →	D →	E —	E →
		→	B —	B →	A →	B →	C —	C →	B →



M.S.R.P. $\overline{\text{CDDCD}}$

||: CDDCDEEDEFEEFGGFGAAGABBABCCB:||

↓
1

↓
2

↓
5

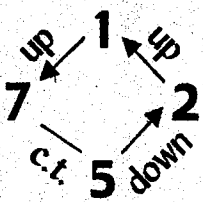
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2 & 4

Cycle: 3

Scale: C major

		$\frac{G}{C}$	$\frac{B^\circ}{E}$	$\frac{Dm}{G}$	$\frac{E}{B}$	$\frac{Am}{D}$	$\frac{C}{F}$	$\frac{Em}{A}$
Intervallic Voice-Leading	7 — c.t.	→ B —	B →	A →	B →	C —	C →	B →
	2 → 2nd	→ D →	E →	F —	F →	E →	F →	G —
	5 → 2nd	→ G →	F →	G →	A —	A →	G →	A →
	1 → 2nd	→ C →	D —	D →	C →	D →	E —	E →
Functional Voice-Leading	7 — 5	→ C →	D —	D →	C →	D →	E —	E →
	2 → 1	→ G →	F →	G →	A —	A →	G →	A →
	5 → 2	→ B —	B →	A →	B →	C —	C →	B →
	1 → 7	→ D →	E →	F —	F →	E →	F →	G —
		→ D →	E →	F —	F →	E →	F →	G —
		→ B —	B →	A →	B →	C —	C →	B →
		→ C →	D —	D →	C →	D →	E —	E →
		→ G →	F →	G →	A —	A →	G →	A →
	→ C →	D —	D →	C →	D →	E —	E →	
	→ D →	E →	F —	F →	E →	F →	G —	
	→ B —	B →	A →	B →	C —	C →	B →	



M.S.R.P. \overline{CDDCD}

$:: CDDCDEEDEFEEFGGFGAAGABBABCCB ::$

↓
1

↓
2

↓
5

↓
7

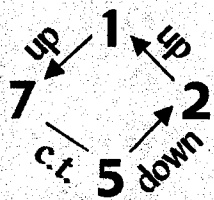
Chord Family: Triad I
B.N.

Cycle: 3

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

	<u>G</u> C	<u>B^o</u> E	<u>D^m</u> G	E B	<u>A^m</u> D	C F	<u>E^m</u> A
Intervallic							
Voice-Leading	→ D →	→ E →	F —	F →	→ E →	→ F →	G —
2 → 2nd	• —	→ G →	→ F →	G →	A —	→ A →	→ G →
5 → 2nd	• →	→ B —	→ B →	A →	B →	C —	C →
7 — c.t.	→	→ C →	D —	D →	C →	D →	E —
1 → 2nd							
	—	→ G →	F →	G →	A —	→ A →	→ G →
	→	→ B —	→ B →	A →	B →	C —	C →
	→	→ C →	D —	D →	C →	D →	E —
Functional	→	→ D →	E →	F —	F →	→ E →	→ F →
Voice-Leading							
2 → 1	→	→ B —	→ B →	A →	B →	C —	C →
5 → 2	→	→ C →	D —	D →	C →	D →	E —
7 — 5	→	→ D →	E →	F —	F →	→ E →	→ F →
1 → 7	—	→ G →	F →	G →	A —	→ A →	→ G →
	→	→ C →	D —	D →	C →	D →	E —
	→	→ D →	E →	F —	F →	→ E →	→ F →
	—	→ G →	F →	G →	A —	→ A →	→ G →
	→	→ B —	→ B →	A →	B →	C —	C →



M.S.R.P. C D D C D

||: C D D C D E E D E F E E F G G F G A A G A B B A B C C B :||

↓
1

↓
2

↓
5

↓
7

TBN I
All Voicings
All Cycles
C Melodic Minor

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: 4-way close

Cycle: 2

Scale: C melodic minor

**Intervallic
Voice-Leading**

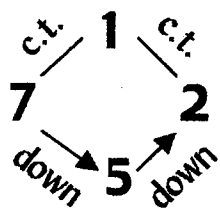
7 → 2nd
 5 → 3rd
 2 — c.t.
 1 — c.t.

	$\frac{G}{C}$	$\frac{A^\circ}{D}$	$\frac{B^\circ}{E_b}$	$\frac{C_m}{F}$	$\frac{D_m}{G}$	$\frac{E_b^\pm}{A}$	$\frac{F}{B}$
—	B →	A →	F —	F —	F →	E _b →	C —
• →	G →	E _b —	E _b —	E _b →	D →	B —	B —
• →	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →

**Functional
Voice-Leading**

7 → 5
 5 → 2
 2 — 1
 1 — 7

—	C —	C →	B →	G —	G —	G →	F →
—	B →	A →	F —	F —	F →	E _b →	C —
→	G →	E _b —	E _b —	E _b →	D →	B —	B —
→	D —	D —	D →	C →	A —	A —	A →
→	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →
—	B →	A →	F —	F —	F →	E _b →	C —
→	G →	E _b —	E _b —	E _b →	D →	B —	B —
→	G →	E _b —	E _b —	E _b →	D →	B —	B —
→	D —	D —	D →	C →	A —	A —	A →
—	C —	C →	B →	G —	G —	G →	F →
—	B →	A →	F —	F —	F →	E _b →	C —



M.S.R.P. $\overline{C C B G G}$

||: C C B G G G F D D D C A A A G E_b E_b E_b D B B B A F F F E_b C :||

↓ 1 ↓ 2 ↓ 5 ↓ 7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

Cycle: 2

Scale: C melodic minor

Voicing Type: Drop 2

**Intervallic
Voice-Leading**

2 — c.t.

7 ↘ 2nd

5 ↘ 3rd

1 — c.t.

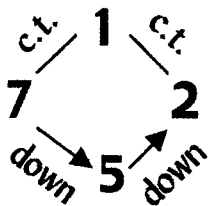
**Functional
Voice-Leading**

2 — 1

7 ↘ 5

5 ↘ 2

1 — 7



	$\frac{G}{C}$	$\frac{A^\circ}{D}$	$\frac{B^\circ}{E_b}$	$\frac{Cm}{F}$	$\frac{Dm}{G}$	$\frac{E_b+}{A}$	$\frac{F}{B}$
Intervallic Voice-Leading	D	D	D	C	A	A	A
2 — c.t.	B	A	F	F	F	E _b	C
7 ↘ 2nd	G	E _b	E _b	E _b	D	B	B
5 ↘ 3rd	C	C	B	G	G	G	F
1 — c.t.							
Functional Voice-Leading	G	E _b	E _b	E _b	D	B	B
2 — 1	C	C	B	G	G	G	F
7 ↘ 5	B	A	F	F	F	E _b	C
5 ↘ 2	D	D	D	C	A	A	A
1 — 7	C	C	B	G	G	G	F
	G	E _b	E _b	E _b	D	B	B
	C	C	B	G	G	G	F
	G	E _b	E _b	E _b	D	B	B
	D	D	D	C	A	A	A
	B	A	F	F	F	E _b	C

M.S.R.P. $\overline{C C B G G}$

$\| : C C B G G G F D D D C A A A G E_b E_b E_b D B B B A F F F E_b C : \|$

↓
1

↓
2

↓
5

↓
7

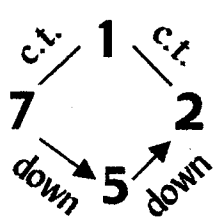
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 3

Cycle: 2

Scale: C melodic minor

		$\frac{G}{C}$	$\frac{A^\circ}{D}$	$\frac{B^\circ}{E_b}$	$\frac{C_m}{F}$	$\frac{D_m}{G}$	$\frac{E_b+}{A}$	$\frac{F}{B}$
Intervallic Voice-Leading	→	G	→ E _b	— E _b	→ E _b	→ D	→ B	— B
	• →	D	— D	— D	→ C	→ A	— A	— A →
	• —	B	→ A	→ F	— F	— F	→ E _b	→ C —
	—	C	— C	→ B	→ G	— G	— G	→ F →
5 → 3rd								
2 — c.t.								
7 → 2nd								
1 — c.t.								

Functional Voice-Leading	—	B	→ A	→ F	— F	— F	→ E _b	→ C —
	→	G	→ E _b	— E _b	→ E _b	→ D	→ B	— B —
	—	C	— C	→ B	→ G	— G	— G	→ F →
	→	D	— D	— D	→ C	→ A	— A	— A →
5 → 2								
2 — 1								
7 → 5								
1 — 7								



→	D	— D	— D	→ C	→ A	— A	— A	→
—	C	— C	→ B	→ G	— G	— G	→ F	→
→	G	→ E _b	— E _b	→ E _b	→ D	→ B	— B	—
—	B	→ A	→ F	— F	— F	→ E _b	→ C	—

M.S.R.P. $\overline{CCBG}G$

||: C C B G G G F D D C A A A G E_b E_b E_b D B B B A F F F E_b C :||

↓
1

↓
2

↓
5

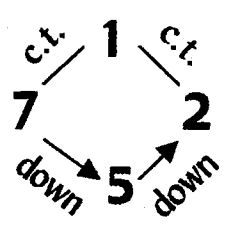
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 2

Scale: C melodic minor

		$\frac{G}{C}$	$\frac{A^\circ}{D}$	$\frac{B^\circ}{E_b}$	$\frac{C_m}{F}$	$\frac{D_m}{G}$	$\frac{E_b+}{A}$	$\frac{F}{B}$
Intervallic Voice-Leading		→ G	→ E _b	→ E _b	→ E _b	→ D	→ B	→ B
	5 → 2nd	• — B	→ A	→ F	— F	— F	→ E _b	→ C
	7 → 3rd	• → D	— D	— D	→ C	→ A	— A	— A
	2 — c.t.	— C	— C	→ B	→ G	— G	— G	→ F
1 — c.t.								
Functional Voice-Leading		→ G	→ E _b	→ E _b	→ E _b	→ D	→ B	→ B
		→ D	— D	— D	→ C	→ A	— A	— A
	5 → 5							
	7 → 2	— C	— C	→ B	→ G	— G	— G	→ F
	2 — 1	→ D	— D	— D	→ C	→ A	— A	— A
	1 — 7	— B	→ A	→ F	— F	— F	→ E _b	→ C
		→ G	→ E _b	→ E _b	→ E _b	→ D	→ B	→ B
		→ D	— D	— D	→ C	→ A	— A	— A
		→ G	→ E _b	→ E _b	→ E _b	→ D	→ B	→ B



M.S.R.P. \overline{CCBGG}

||: C C B G G G F D D D C A A A G E_b E_b E_b D B B B A F F F E_b C :||

↓ ↓ ↓ ↓

1 2 5 7

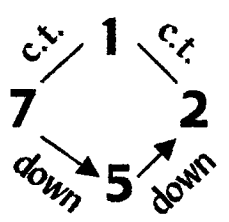
Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

Cycle: 2

Scale: C melodic minor

		<u>G</u>	<u>A°</u>	<u>B°</u>	<u>Cm</u>	<u>Dm</u>	<u>Eb+</u>	<u>F</u>	
		C	D	E _b	F	G	A	B	
Intervallic									
Voice-Leading									
	—	B	→ A	→ F	— F	— F	→ E _b	→ C	—
	• →	D	— D	— D	→ C	→ A	— A	— A	→
7	→	2nd							
2	—	c.t.							
	• →	G	→ E _b	— E _b	— E _b	→ D	→ B	— B	—
5	→	3rd							
1	—	c.t.							
	—	C	— C	→ B	→ G	— G	— G	→ F	→

	—	C	— C	→ B	→ G	— G	— G	→ F	→
	→	G	→ E _b	— E _b	— E _b	→ D	→ B	— B	—
Functional									
Voice-Leading									
	—	B	→ A	→ F	— F	— F	→ E _b	→ C	—
	→	D	— D	— D	→ C	→ A	— A	— A	→
7	→	5							
2	—	1							
	→	D	— D	— D	→ C	→ A	— A	— A	→
5	→	2							
1	—	7							
	—	C	— C	→ B	→ G	— G	— G	→ F	→
	→	G	→ E _b	— E _b	— E _b	→ D	→ B	— B	—



→	G	→ E _b	— E _b	— E _b	→ D	→ B	— B	—
—	C	— C	→ B	→ G	— G	— G	→ F	→ •
→	D	— D	— D	→ C	→ A	— A	— A	→ •
—	B	→ A	→ F	— F	— F	→ E _b	→ C	—

M.S.R.P. CCBGG

||: C C B G G G F D D C A A A G E_b E_b E_b D B B B A F F F E_b C :||



Chord Family: Triad I
B.N.

Cycle: 2

Scale: C melodic minor

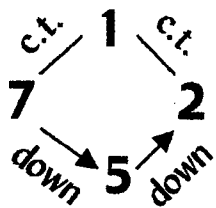
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 — c.t.
5 ↘ 3rd
7 ↘ 2nd
1 — c.t.

**Functional
Voice-Leading**

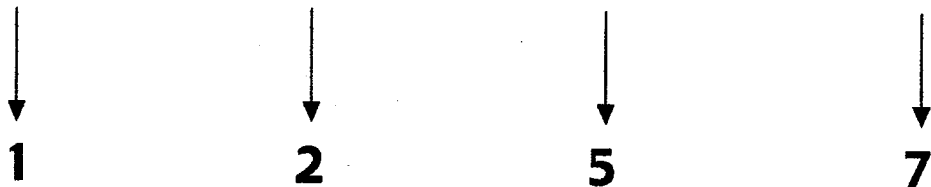
2 — 1
5 ↘ 2
7 ↘ 5
1 — 7



	<u>G</u>	<u>A^o</u>	<u>B^o</u>	<u>Cm</u>	<u>Dm</u>	<u>Eb+</u>	<u>F</u>	
	C	D	Eb	F	G	A	B	
→	D	D	D	→ C	→ A	A	A	→
• →	G	→ Eb	Eb	→ Eb	→ D	→ B	B	→
• —	B	→ A	→ F	F	F	→ Eb	→ C	→
—	C	→ C	→ B	→ G	G	G	→ F	→
→	G	→ Eb	Eb	→ Eb	→ D	→ B	B	→
—	B	→ A	→ F	F	F	→ Eb	→ C	→
—	C	→ C	→ B	→ G	G	G	→ F	→
→	D	D	D	→ C	→ A	A	A	→
→	G	→ Eb	Eb	→ Eb	→ D	→ B	B	→
—	C	→ C	→ B	→ G	G	G	→ F	→
→	D	D	D	→ C	→ A	A	A	→
→	G	→ Eb	Eb	→ Eb	→ D	→ B	B	→
—	C	→ C	→ B	→ G	G	G	→ F	→
→	D	D	D	→ C	→ A	A	A	→
→	G	→ Eb	Eb	→ Eb	→ D	→ B	B	→
—	B	→ A	→ F	F	F	→ Eb	→ C	→

M.S.R.P. CCBGG

||: C C B G G G F D D C A A A G Eb Eb Eb D B B B A F F F Eb C :||

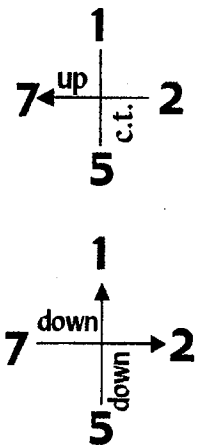


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: 4-way close

Cycle: 4

Scale: C melodic minor

		$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{E}{B}$	$\frac{B^\circ}{E_b}$	$\frac{E_b+}{A}$	$\frac{A^\circ}{D}$	$\frac{Dm}{G}$
Intervallic								
Voice-Leading								
7 → 3rd	•	B →	G →	A →	F →	G →	E _b →	F →
5 → 2nd	•	G →	F →	F →	E _b →	E _b →	D →	D →
2 → 2nd	•	D →	E _b →	C →	D →	B →	C →	A →
1 — c.t.		C →	C →	B →	B →	A →	A →	G →
		D →	E _b →	C →	D →	B →	C →	A →
		C →	C →	B →	B →	A →	A →	G →
Functional		B →	G →	A →	F →	G →	E _b →	F →
Voice-Leading		G →	F →	F →	E _b →	E _b →	D →	D →
7 → 2	•	C →	C →	B →	B →	A →	A →	G →
5 → 1	•	B →	G →	A →	F →	G →	E _b →	F →
2 → 7	•	G →	F →	F →	E _b →	E _b →	D →	D →
1 — 5		D →	E _b →	C →	D →	B →	C →	A →
		G →	F →	F →	E _b →	E _b →	D →	D →
		D →	E _b →	C →	D →	B →	C →	A →
		C →	C →	B →	B →	A →	A →	G →
		B →	G →	A →	F →	G →	E _b →	F →



M.S.R.P. 1) $\overbrace{C C B B A}$ 2) $\overbrace{D E_b C D B}$

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A B G A F G E_b F :||

↓
1

↓
5

↓
2

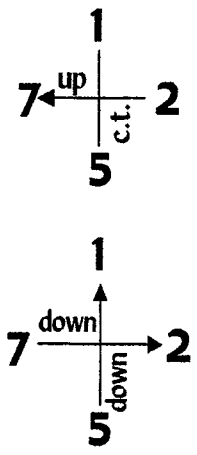
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2

Cycle: 4

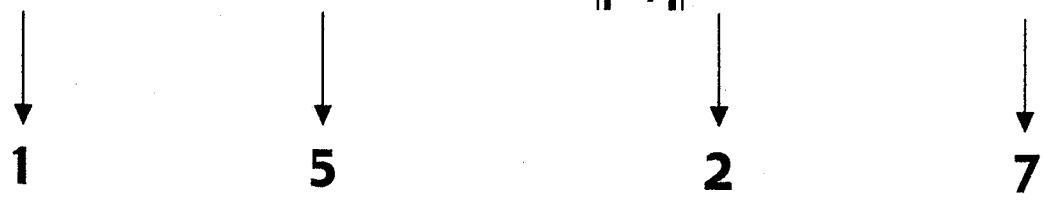
Scale: C melodic minor

	$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{E}{B}$	$\frac{B^\circ}{E_b}$	$\frac{E_b^+}{A}$	$\frac{A^\circ}{D}$	$\frac{Dm}{G}$
Intervallic							
Voice-Leading							
2 → 2nd	D →	E _b →	C →	D →	B →	C →	A →
7 → 3rd	B →	G →	A →	F →	G →	E _b →	F →
5 → 2nd	G →	F →	F →	E _b →	E _b →	D →	D →
1 — c.t.	C →	C →	B →	B →	A →	A →	G →
	B →	G →	A →	F →	G →	E _b →	F →
	D →	E _b →	C →	D →	B →	C →	A →
Functional	C →	C →	B →	B →	A →	A →	G →
Voice-Leading	G →	F →	F →	E _b →	E _b →	D →	D →
2 → 7	G →	F →	F →	E _b →	E _b →	D →	D →
7 → 2	C →	C →	B →	B →	A →	A →	G →
5 → 1	B →	G →	A →	F →	G →	E _b →	F →
1 — 5	D →	E _b →	C →	D →	B →	C →	A →
	C →	C →	B →	B →	A →	A →	G →
	G →	F →	F →	E _b →	E _b →	D →	D →
	D →	E _b →	C →	D →	B →	C →	A →
	B →	G →	A →	F →	G →	E _b →	F →



M.S.R.P. 1) $\overbrace{C C B B A}$ 2) $\overbrace{D E_b C D B}$

1) $\parallel: C C B B A A G G F F E_b E_b D D : \parallel$ 2) $\parallel: D E_b C D B C A B G A F G E_b F : \parallel$



Chord Family: Triad I
 B.N. I
Voicing Type: Drop 3

Cycle: 4

Scale: C melodic minor

	<u>G</u>	<u>Cm</u>	<u>F</u>	<u>B^o</u>	<u>E_b⁺</u>	<u>A^o</u>	<u>D_m</u>	
	C	F	B	E _b	A	D	G	
Intervallic								
Voice-Leading	—	G →	F —	F →	E _b —	E _b →	D —	D →
5 → 2nd	• →	D →	E _b →	C →	D →	B →	C →	A →
2 → 2nd	• →	B →	G →	A →	F →	G →	E _b →	F →
7 → 3rd	→	C —	C →	B —	B →	A —	A →	G —
1 — c.t.								
	→	C —	C →	B —	B →	A —	A →	G —
	→	B →	G →	A →	F →	G →	E _b →	F →
Functional	→	D →	E _b →	C →	D →	B →	C →	A →
Voice-Leading	—	G →	F —	F →	E _b —	E _b →	D —	D →
5 → 1	→	B →	G →	A →	F →	G →	E _b →	F →
2 → 7	• —	G →	F —	F →	E _b —	E _b →	D —	D →
7 → 2	• →	C —	C →	B —	B →	A —	A →	G —
1 — 5	→	D →	E _b →	C →	D →	B →	C →	A →
1	→	D →	E _b →	C →	D →	B →	C →	A →
7 ^{up}								
c.t.								
2								
5								
1								
7 ^{down}								
2								
5								

M.S.R.P. 1) C C B B A 2) D E_b C D B

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A B G A F G E_b F :||

↓
1

↓
5

↓
2

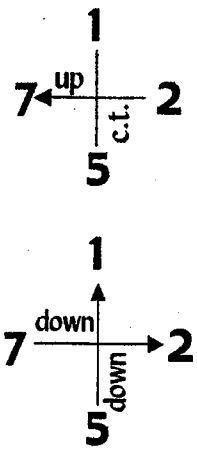
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 4

Scale: C melodic minor

	$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{E}{B}$	$\frac{B^{\circ}}{E_b}$	$\frac{E_b+}{A}$	$\frac{A^{\circ}}{D}$	$\frac{Dm}{G}$
Intervallic							
Voice-Leading							
5 → 2nd	— G	→ F	— F	→ E _b	— E _b	→ D	— D
7 → 3rd	• → B	→ G	→ A	→ F	→ G	→ E _b	→ F
2 → 2nd	• → D	→ E _b	→ C	→ D	→ B	→ C	→ A
1 — c.t.	→ C	— C	→ B	— B	→ A	— A	→ G
	→ C	→ C	→ B	→ B	→ A	→ A	→ G
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F
Functional	— G	→ F	— F	→ E _b	— E _b	→ D	— D
Voice-Leading							
5 → 1	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F
7 → 2	• → C	→ C	→ B	→ B	→ A	→ A	→ G
2 → 7	• → G	→ F	→ F	→ E _b	→ E _b	→ D	→ D
1 — 5	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
	→ G	→ F	→ F	→ E _b	→ E _b	→ D	→ D
	→ C	→ C	→ B	→ B	→ A	→ A	→ G
	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F



M.S.R.P. 1) $\overline{C C B B A}$ 2) $\overline{D E_b C D B}$

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A B G A F G E_b F :||



Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

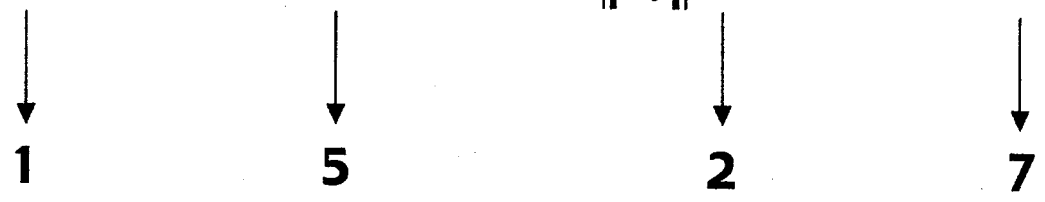
Cycle: 4

Scale: C melodic minor

		<u>G</u>	<u>Cm</u>	<u>F</u>	<u>B°</u>	<u>Eb+</u>	<u>A°</u>	<u>Dm</u>
		C	F	B	E _b	A	D	G
Intervallic Voice-Leading	→	B	G	A	F	G	E _b	F
	• →	D	E _b	C	D	B	C	A
	• —	G	F	F	E _b	E _b	D	D
	→	C	C	B	B	A	A	G
7 → 3rd								
2 → 2nd								
5 → 2nd								
1 — c.t.								
Functional Voice-Leading	→	D	E _b	C	D	B	C	A
	→	B	G	A	F	G	E _b	F
	→	C	C	B	B	A	A	G
	—	G	F	F	E _b	E _b	D	D
7 → 2								
2 → 7								
5 → 1								
1 — 5								
1								
7 ^{up} →								
c.t.								
5								
1								
7 ^{down} →								
down								
5								

M.S.R.P. 1) CCBBA 2) DE_bCDB

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A B G A F G E_b F :||



Chord Family: Triad B.N. I

Cycle: 4

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

	<u>G</u>	<u>Cm</u>	<u>F</u>	<u>B°</u>	<u>Eb+</u>	<u>A°</u>	<u>Dm</u>
	C	F	B	Eb	A	D	G
Intervallic	D	E _b	C	D	B	C	A
Voice-Leading	G	F	F	E _b	E _b	D	D
2 → 2nd	B	G	A	F	G	E _b	F
5 → 2nd	C	C	B	B	A	A	G
7 → 3rd							
1 — c.t.							
Functional	B	G	A	F	G	E _b	F
Voice-Leading	C	C	B	B	A	A	G
2 → 7	D	E _b	C	D	B	C	A
5 → 1	G	F	F	E _b	E _b	D	D
7 → 2	B	G	A	F	G	E _b	F
1 — 5	C	C	B	B	A	A	G
1	D	E _b	C	D	B	C	A
7 ^{up} ←							
5	C	C	B	B	A	A	G
1	D	E _b	C	D	B	C	A
7 ^{down} ↓	G	F	F	E _b	E _b	D	D
5	B	G	A	F	G	E _b	F

M.S.R.P. 1) C C B B A 2) D E_b C D B

1) ||: C C B B A A G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A B G A F G E_b F :||

↓
1

↓
5

↓
2

↓
7

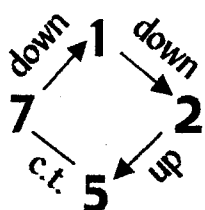
Chord Family: Triad I
B.N.
Voicing Type: 4-way close

Cycle: 6

Scale: C melodic minor

	<u>G</u>	<u>E_b⁺</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>	
	C	A	F	D	B	G	E _b	
Intervallic								
Voice-Leading	—	B →	A →	G →	A —	A →	G →	F →
7 → 2nd	• →	G —	G →	F →	E _b →	F —	F →	E _b →
5 — c.t.	• →	D →	E _b —	E _b →	D →	C →	D —	D →
2 → 2nd	→	C →	B →	C —	C →	B →	A →	B —
1 → 2nd								

	→	G —	G →	F →	E _b →	F —	F →	E _b →
	→	D →	E _b —	E _b →	D →	C →	D —	D →
Functional	→	C →	B →	C —	C →	B →	A →	B —
Voice-Leading	—	B →	A →	G →	A —	A →	G →	F →
7 → 1								
5 — 7	→	D →	E _b —	E _b →	D →	C →	D —	D →
2 → 5	→	C →	B →	C —	C →	B →	A →	B —
1 → 2	—	B →	A →	G →	A —	A →	G →	F →
	→	G —	G →	F →	E _b →	F —	F →	E _b →



→	C →	B →	C —	C →	B →	A →	B —
—	B →	A →	G →	A —	A →	G →	F →
→	G —	G →	F →	E _b →	F —	F →	E _b →
→	D →	E _b —	E _b →	D →	C →	D —	D →

M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D :||

↓
1

↓
7

↓
5

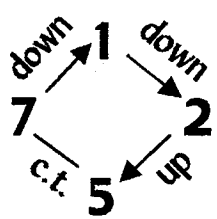
↓
2

Chord Family: Triad I
B.N.
Voicing Type: Drop 2

Cycle: 6

Scale: C melodic minor

	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>
	C	A	F	D	B	G	E _b
Intervallic							
Voice-Leading	→ D	→ E _b	→ E _b	→ D	→ C	→ D	→ D
2 → 2nd	• — B	→ A	→ G	→ A	→ A	→ G	→ F
7 → 2nd	• → G	→ G	→ F	→ E _b	→ F	→ F	→ E _b
5 — c.t.	→ C	→ B	→ C	→ C	→ B	→ A	→ B
1 → 2nd							
	→ C	→ B	→ C	→ C	→ B	→ A	→ B
	→ G	→ G	→ F	→ E _b	→ F	→ F	→ E _b
Functional	→ D	→ E _b	→ E _b	→ D	→ C	→ D	→ D
Voice-Leading	— B	→ A	→ G	→ A	→ A	→ G	→ F
2 → 5	— B	→ A	→ G	→ A	→ A	→ G	→ F
7 → 1	→ D	→ E _b	→ E _b	→ D	→ C	→ D	→ D
5 — 7	→ C	→ B	→ C	→ C	→ B	→ A	→ B
1 → 2	→ G	→ G	→ F	→ E _b	→ F	→ F	→ E _b
	→ G	→ G	→ F	→ E _b	→ F	→ F	→ E _b
	→ C	→ B	→ C	→ C	→ B	→ A	→ B
	— B	→ A	→ G	→ A	→ A	→ G	→ F
	→ D	→ E _b	→ E _b	→ D	→ C	→ D	→ D



M.S.R.P. C B C C B

||: C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D :||



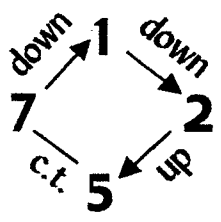
Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{I}$
Voicing Type: Drop 3

Cycle: 6

Scale: C melodic minor

		<u>G</u>	<u>E_b⁺</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>
		C	A	F	D	B	G	E _b
Intervallic								
Voice-Leading		→	→	→	→	→	→	→
5	—	G	G	F	E _b	F	F	E _b
2	↗	D	E _b	E _b	D	C	D	D
7	↘	B	A	G	A	A	G	F
1	↘	C	B	C	C	B	A	B

		→	→	→	→	→	→	→
		D	E _b	E _b	D	C	D	D
		→	→	→	→	→	→	→
		C	B	C	C	B	A	B
Functional		→	→	→	→	→	→	→
Voice-Leading		G	G	F	E _b	F	F	E _b
		—	→	→	→	→	→	→
		B	A	G	A	A	G	F
		→	→	→	→	→	→	→
		C	B	C	C	B	A	B
		—	→	→	→	→	→	→
		B	A	G	A	A	G	F
		→	→	→	→	→	→	→
		D	E _b	E _b	D	C	D	D
		→	→	→	→	→	→	→
		G	G	F	E _b	F	F	E _b



—	→	→	→	→	→	→	→	→
		B	A	G	A	A	G	F
→		G	G	F	E _b	F	F	E _b
→		C	B	C	C	B	A	B
→		D	E _b	E _b	D	C	D	D

M.S.R.P. **C B C C B**

||: **C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D**:||

↓ ↓ ↓ ↓

1 7 5 2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 6

Scale: C melodic minor

**Intervallic
 Voicing-Leading**

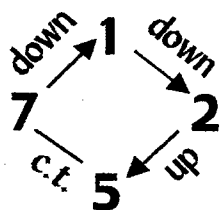
5 — c.t.
 7 → 2nd
 2 → 2nd
 1 → 2nd

	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>
	C	A	F	D	B	G	E _b
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b
• —	B	→ A	→ G	→ A	— A	→ G	→ F
• →	D	→ E_b	→ E_b	→ D	→ C	→ D	→ D
→	C	→ B	→ C	— C	→ B	→ A	→ B

**Functional
 Voicing-Leading**

5 — 7
 7 → 1
 2 → 5
 1 → 2

→	D	→ E_b	→ E_b	→ D	→ C	→ D	→ D
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b
→	C	→ B	→ C	— C	→ B	→ A	→ B
—	B	→ A	→ G	→ A	— A	→ G	→ F
→	C	→ B	→ C	— C	→ B	→ A	→ B
→	D	→ E_b	→ E_b	→ D	→ C	→ D	→ D
—	B	→ A	→ G	→ A	— A	→ G	→ F
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b
—	B	→ A	→ G	→ A	— A	→ G	→ F
→	C	→ B	→ C	— C	→ B	→ A	→ B
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b
→	D	→ E_b	→ E_b	→ D	→ C	→ D	→ D



M.S.R.P. C B C C B

||: **C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D** :||

↓ ↓ ↓ ↓

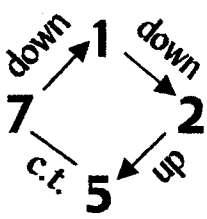
1 7 5 2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 4

Cycle: 6

Scale: C melodic minor

	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>
	C	A	F	D	B	G	E _b
Intervallic							
Voice-Leading	B →	A →	G →	A —	A →	G →	F →
7 → 2nd	D →	E _b —	E _b →	D →	C →	D —	D →
2 → 2nd	G —	G →	F →	E _b →	F —	F →	E _b →
5 — c.t.	C →	B →	C —	C →	B →	A →	B —
1 → 2nd							
	G —	G →	F →	E _b →	F —	F →	E _b →
	C →	B →	C —	C →	B →	A →	B —
Functional	D →	E _b —	E _b →	D →	C →	D —	D →
Voice-Leading	B →	A →	G →	A —	A →	G →	F →
7 → 1	D →	E _b —	E _b →	D →	C →	D —	D →
2 → 5	B →	A →	G →	A —	A →	G →	F →
5 — 7	C →	B →	C —	C →	B →	A →	B —
1 → 2	G —	G →	F →	E _b →	F —	F →	E _b →
	C →	B →	C —	C →	B →	A →	B —
	G —	G →	F →	E _b →	F —	F →	E _b →
	B →	A →	G →	A —	A →	G →	F →
	D →	E _b —	E _b →	D →	C →	D —	D →



M.S.R.P. C B C C B

||: **C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D**:||

↓ ↓ ↓ ↓

1 7 5 2

Chord Family: Triad I
B.N.

Cycle: 6

Scale: C melodic minor

Voicing Type: Double Drop 2,

Drop 3

**Intervallic
Voice-Leading**

2 → 2nd

5 — c.t.

7 → 2nd

1 → 2nd

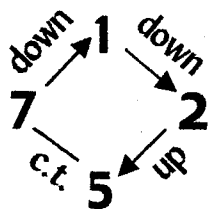
**Functional
Voice-Leading**

2 → 5

5 — 7

7 → 1

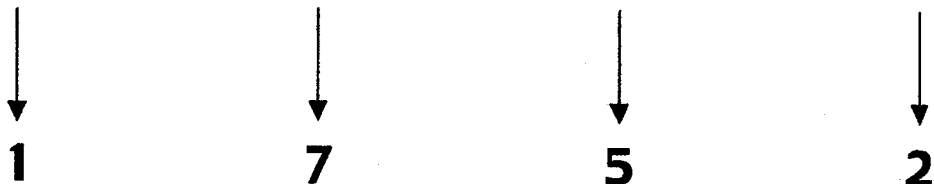
1 → 2



	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A^o</u>	<u>F</u>	<u>D_m</u>	<u>B^o</u>
	C	A	F	D	B	G	E _b
→	D	E _b	E _b	D	C	D	D
• →	G	G	F	E _b	F	F	E _b
• —	B	A	G	A	A	G	F
→	C	B	C	C	B	A	B
→	C	B	C	C	B	A	B
→	D	E _b	E _b	D	C	D	D
→	G	G	F	E _b	F	F	E _b
—	B	A	G	A	A	G	F
—	B	A	G	A	A	G	F
→	C	B	C	C	B	A	B
→	D	E _b	E _b	D	C	D	D
→	G	G	F	E _b	F	F	E _b
→	G	G	F	E _b	F	F	E _b
—	B	A	G	A	A	G	F
→	C	B	C	C	B	A	B
→	D	E _b	E _b	D	C	D	D

M.S.R.P. **C B C C B**

||: C B C C B A B B A G A A G F G G F E_b F F E_b D E_b E_b D C D D :||



Chord Family: Triad I
B.N. I
Voicing Type: 4-way close

Cycle: 7

Scale: C melodic minor

Intervallic

Voice-Leading

7 — c.t.
5 ↗ 2nd
2 ↗ 3rd
1 — c.t.

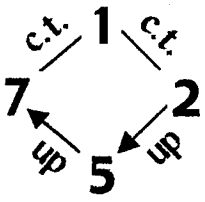
	G	E	Eb+	Dm	Cm	B°	A°
	C	B	A	G	F	Eb	D
	↗ B	— B	↗ B	↗ D	↗ Eb	— Eb	↗ Eb
•	↗ G	↗ A	— A	↗ A	↗ C	↗ D	— D
•	— D	↗ F	↗ G	— G	↗ G	↗ B	↗ C
	— C	— C	↗ Eb	↗ F	— F	— F	↗ A

Functional

Voice-Leading

7 — 1
5 ↗ 7
2 ↗ 5
1 — 2

	↗ G	↗ A	— A	↗ A	↗ C	↗ D	— D
	— D	↗ F	↗ G	— G	↗ G	↗ B	↗ C
	— C	— C	↗ Eb	↗ F	— F	— F	↗ A
	↗ B	— B	— B	↗ D	↗ Eb	— Eb	— Eb
	— D	↗ F	↗ G	— G	↗ G	↗ B	↗ C
	— C	— C	↗ Eb	↗ F	— F	— F	↗ A
	↗ B	— B	— B	↗ D	↗ Eb	— Eb	— Eb
	↗ G	↗ A	— A	↗ A	↗ C	↗ D	— D



	— C	— C	↗ Eb	↗ F	— F	— F	↗ A
	↗ B	— B	— B	↗ D	↗ Eb	— Eb	↗ Eb
	↗ G	↗ A	— A	↗ A	↗ C	↗ D	— D
	— D	↗ F	↗ G	— G	↗ G	↗ B	↗ C

M.S.R.P. C C Eb F F

||: **C C Eb F F F A B B D Eb Eb Eb GA AACD DDFG GGBC** :||



Chord Family: Triad I
 B.N. I
Voicing Type: Drop 2

Cycle: 7

Scale: C melodic minor

**Intervallic
 Voice-Leading**

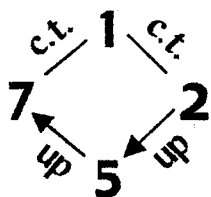
2 → 3rd
 7 — c.t.
 5 → 2nd
 1 — c.t.

	<u>G</u>	<u>E</u>	<u>E_b+ A</u>	<u>Dm G</u>	<u>Cm F</u>	<u>B^o E_b</u>	<u>A^o D</u>
—	D →	F →	G —	G —	G →	B →	C —
• →	B —	B —	B →	D →	E _b —	E _b —	E _b →
• →	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E _b →	F —	F —	F →	A →

**Functional
 Voice-Leading**

2 → 5
 7 — 1
 5 → 7
 1 — 2

—	C —	C →	E _b →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
—	D →	F →	G —	G —	G →	B →	C —
→	B —	B —	B →	D →	E _b —	E _b —	E _b →
→	B —	B —	B →	D →	E _b —	E _b —	E _b →
—	D →	F →	G —	G —	G →	B →	C —
—	C —	C →	E _b →	F —	F —	F →	A →
→	G →	A —	A —	A →	C →	D —	D —
→	G →	A —	A —	A →	C →	D —	D —
—	C —	C →	E _b →	F —	F —	F →	A →
→	B —	B —	B →	D →	E _b —	E _b —	E _b →
—	D →	F →	G —	G —	G →	B →	C —



M.S.R.P. C C E_b F F

||: C C E_b F F F A B B D E_b E_b E_b G A A A C D D D F G G G B C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 3

Cycle: 7

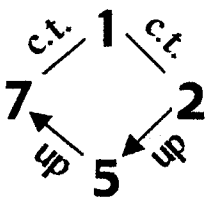
Scale: C melodic minor

Intervallic Voice-Leading

	$\frac{G}{C}$	$\frac{E}{B}$	$\frac{Eb+}{A}$	$\frac{Dm}{G}$	$\frac{Cm}{F}$	$\frac{B\circ}{Eb}$	$\frac{A\circ}{D}$
5 \rightarrow 2nd	G \rightarrow A	A — A	A — A	C \rightarrow C	D — D	D — D	D — D
2 \rightarrow 3rd	D \rightarrow F	F \rightarrow G	G — G	G — G	B \rightarrow B	C \rightarrow C	C — C
7 — c.t.	B — B	B — B	D \rightarrow D	Eb — Eb	Eb — Eb	A \rightarrow A	A — A
1 — c.t.	C — C	C \rightarrow Eb	F — F	F — F	F — F	A \rightarrow A	A — A

Functional Voice-Leading

	$\frac{G}{C}$	$\frac{E}{B}$	$\frac{Eb+}{A}$	$\frac{Dm}{G}$	$\frac{Cm}{F}$	$\frac{B\circ}{Eb}$	$\frac{A\circ}{D}$
5 \rightarrow 7	D \rightarrow F	F \rightarrow G	G — G	G — G	B \rightarrow B	C — C	C — C
2 \rightarrow 5	C — C	C \rightarrow Eb	F — F	F — F	F — F	A \rightarrow A	A — A
7 — 1	G \rightarrow A	A — A	A — A	C \rightarrow C	D — D	D — D	D — D
1 — 2	B — B	B — B	D \rightarrow D	Eb — Eb	Eb — Eb	A \rightarrow A	A — A



\rightarrow B — B — B	\rightarrow D \rightarrow D	— Eb — Eb — Eb
\rightarrow G \rightarrow A — A — A	\rightarrow C \rightarrow D — D	— D — D — D
— C — C \rightarrow Eb	— F — F — F	\rightarrow A \rightarrow A
— D \rightarrow F \rightarrow G	— G — G — G	\rightarrow B \rightarrow C

M.S.R.P. $\frac{C C Eb F F}{C C Eb F F}$

||: C C Eb F F F A B B B D Eb Eb Eb GA AACD DDFG GGBC :||

↓ ↓ ↓ ↓

1 7 5 2

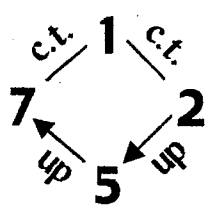
Chord Family: Triad I
B.N.

Voicing Type: Drop 2 & 3

Cycle: 7

Scale: C melodic minor

	<u>G</u>	<u>E</u>	<u>E_b±</u>	<u>D_m</u>	<u>C_m</u>	<u>B^o</u>	<u>A^o</u>
	C	B	A	G	F	E _b	D
Intervallic							
Voice-Leading	→	→	—	—	→	→	—
5 → 2nd	→	—	—	→	→	—	→
7 — c.t.	—	→	→	—	—	→	—
2 → 3rd	—	—	→	→	—	—	→
1 — c.t.							
	—	→	→	—	—	→	—
	→	→	—	→	→	—	—
Functional	—	—	→	→	—	—	→
Voice-Leading	→	—	—	→	→	—	→
5 → 7	—	—	→	→	—	—	→
7 — 1	—	→	→	—	—	→	—
2 → 5	→	—	—	→	→	—	→
1 — 2	→	→	—	→	→	—	—
	→	—	—	→	→	—	→
	—	→	→	—	—	→	—
	→	→	—	→	→	—	→
	—	→	→	—	—	→	—
	→	—	—	→	→	—	→



M.S.R.P. C C E_b F F

||: C C E_b F F F A B B B D E_b E_b E_b G A A A C D D D F G G G B C :||

↓ ↓ ↓ ↓

1 7 5 2

Chord Family: Triad I
B.N.

Cycle: 7

Scale: C melodic minor

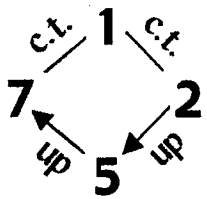
Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

7 — c.t.
2 → 3rd
5 → 2nd
1 — c.t.

**Functional
Voice-Leading**

7 — 1
2 → 5
5 → 7
1 — 2



	<u>G</u>	E	<u>E_b+</u>	<u>D_m</u>	<u>C_m</u>	<u>B^o</u>	<u>A^o</u>
	C	B	A	G	F	E _b	D
→	B	— B	— B	→ D	→ E _b	— E _b	— E _b →
• —	D	→ F	→ G	— G	— G	→ B	→ C —
• →	G	→ A	— A	→ C	→ D	— D	—
—	C	— C	→ E _b	→ F	— F	→ A	→
→	G	→ A	— A	→ C	→ D	— D	—
—	C	— C	→ E _b	→ F	— F	→ A	→
—	D	→ F	→ G	— G	— G	→ B	→ C —
→	B	— B	— B	→ D	→ E _b	— E _b	— E _b →
—	D	→ F	→ G	— G	— G	→ B	→ C —
→	B	— B	— B	→ D	→ E _b	— E _b	— E _b →
—	C	— C	→ E _b	→ F	— F	→ A	→
→	G	→ A	— A	→ C	→ D	— D	—
—	C	— C	→ E _b	→ F	— F	→ A	→
→	G	→ A	— A	→ C	→ D	— D	— •
→	B	— B	— B	→ D	→ E _b	— E _b	— E _b → •
—	D	→ F	→ G	— G	— G	→ B	→ C —

M.S.R.P. C C E_b F F

||: C C E_b F F F A B B B D E_b E_b E_b G A A A C D D D F G G G B C :||

↓
1

↓
7

↓
5

↓
2

Chord Family: Triad I
B.N.

Cycle: 7

Scale: C melodic minor

Voicing Type: Double Drop 2,

Drop 3

**Intervallic
Voice-Leading**

2 → 3rd

5 → 2nd

7 — c.t.

1 — c.t.

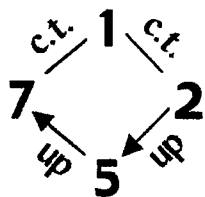
**Functional
Voice-Leading**

2 → 5

5 → 7

7 — 1

1 — 2



	<u>G</u>	<u>E</u>	<u>E_b+</u>	<u>D_m</u>	<u>C_m</u>	<u>B^o</u>	<u>A^o</u>	
	C	B	A	G	F	E _b	D	
Intervallic Voice-Leading	— D	→ F	→ G	— G	— G	→ B	→ C	—
2 → 3rd	• → G	→ A	— A	— A	→ C	→ D	— D	—
5 → 2nd	• → B	— B	— B	→ D	→ E _b	— E _b	— E _b	→
7 — c.t.	— C	— C	→ E _b	→ F	— F	— F	→ A	→
1 — c.t.	—	—	—	—	—	—	—	—
Functional Voice-Leading	— C	— C	→ E _b	→ F	— F	— F	→ A	→
2 → 5	— D	→ F	→ G	— G	— G	→ B	→ C	—
5 → 7	→ G	→ A	— A	— A	→ C	→ D	— D	—
7 — 1	→ B	— B	— B	→ D	→ E _b	— E _b	— E _b	→
1 — 2	— C	— C	→ E _b	→ F	— F	— F	→ A	→
	— D	→ F	→ G	— G	— G	→ B	→ C	—
	→ G	→ A	— A	— A	→ C	→ D	— D	—
	→ B	— B	— B	→ D	→ E _b	— E _b	— E _b	→ •
	— C	— C	→ E _b	→ F	— F	— F	→ A	→ •
	— D	→ F	→ G	— G	— G	→ B	→ C	—

M.S.R.P. C C E_b F F

||: C C E_b F F F A B B B D E_b E_b E_b G A A A C D D D F G G G B C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

Cycle: 5

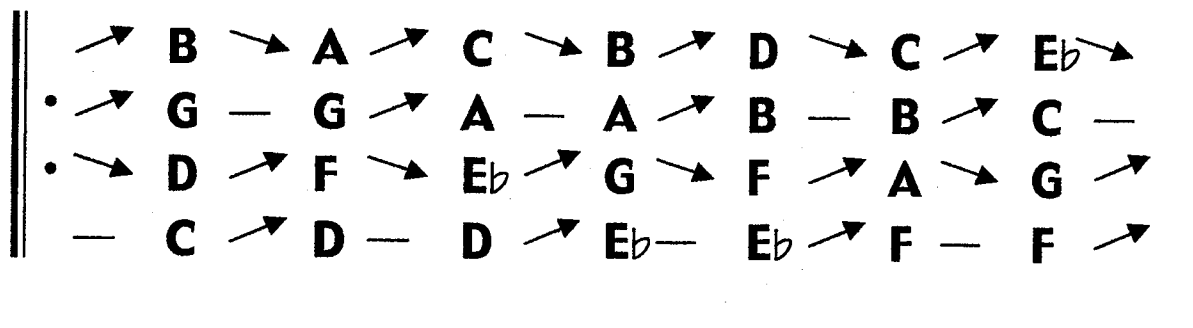
Scale: C melodic minor

Type: 4-way close

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{A^\circ}{D}$ $\frac{Eb+}{A}$ $\frac{B^\circ}{Eb}$ $\frac{E}{B}$ $\frac{Cm}{F}$

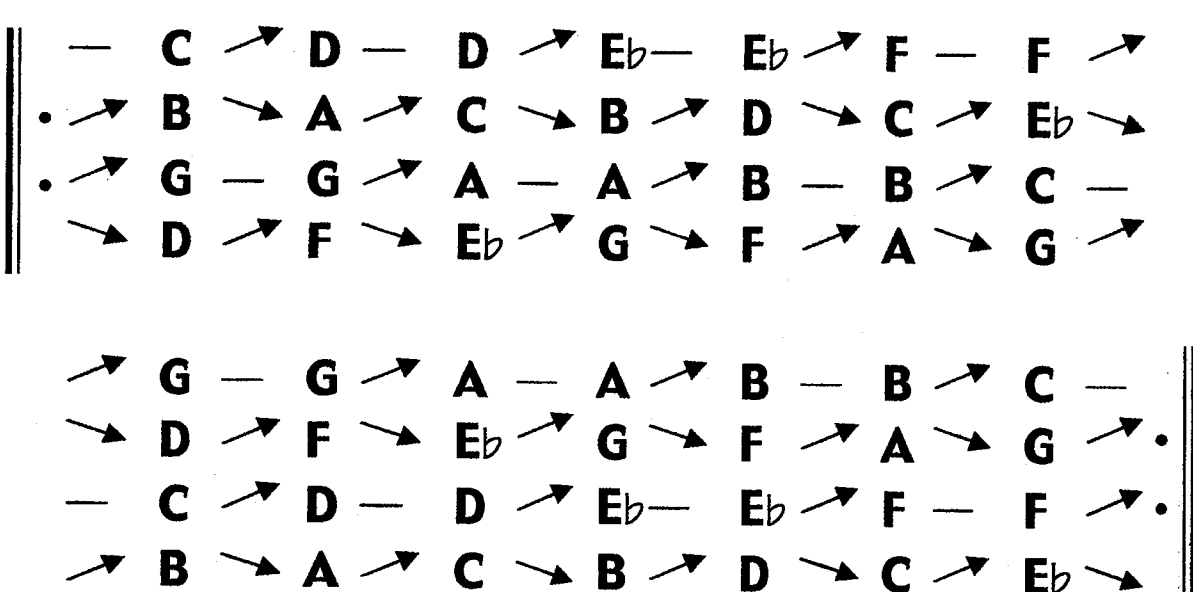
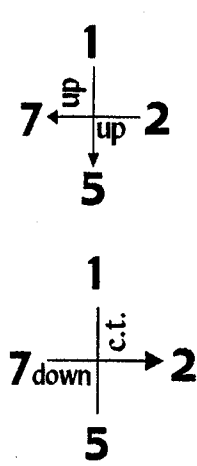
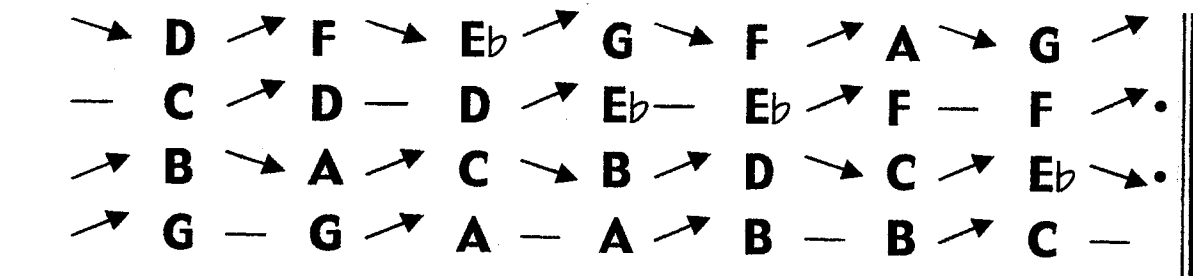
**Intervallic
Voice-Leading**

7 → 2nd
5 — c.t.
2 → 3rd
1 → 2nd



**Functional
Voice-Leading**

7 → 2
5 — 1
2 → 7
1 → 5



M.S.R.P. 1) $\overline{CDDEb} Eb$ 2) \overline{BACBD}

1) ||: CDD EbEb FFGG AABBC :|| 2) ||: BACBD C EbD FEbGFAG :||



Chord Family: Triad B.N. I

Cycle: 5

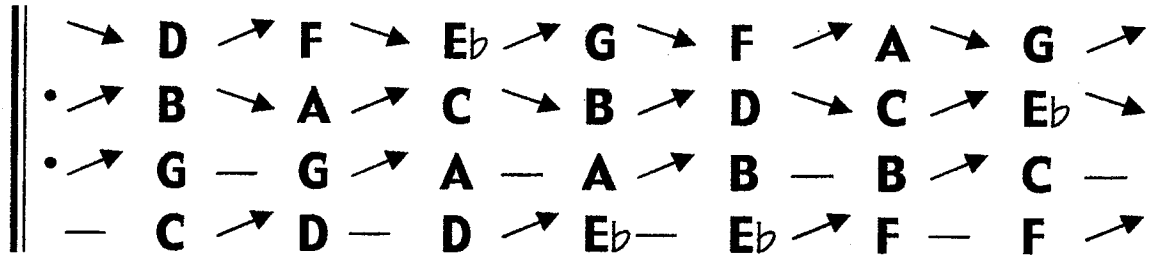
Scale: C melodic minor

Type: Drop 2

G Dm A° Eb± B° E Cm
 C G D A Eb B F

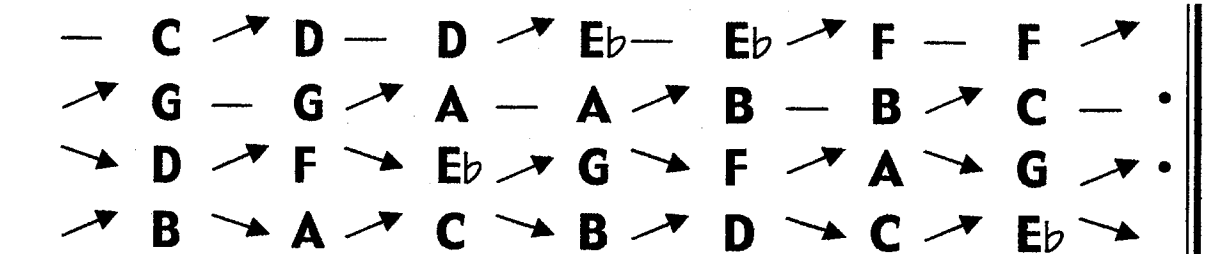
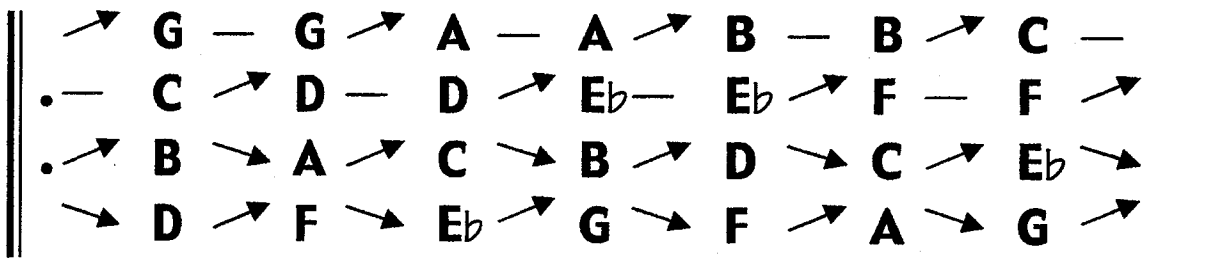
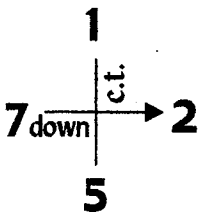
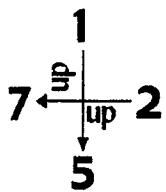
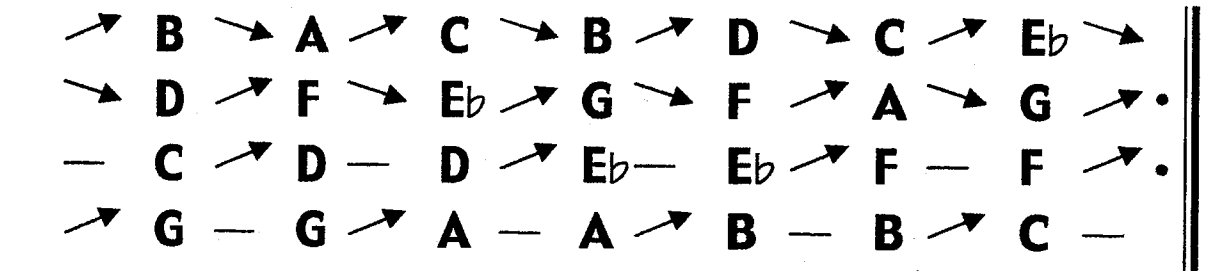
**Intervallic
Voice-Leading**

2 ↗ 3rd
 7 ↘ 2nd
 5 — c.t.
 1 ↗ 2nd



**Functional
Voice-Leading**

2 ↗ 7
 7 ↘ 2
 5 — 1
 1 ↗ 5



M.S.R.P. 1) CDDE_bE_b 2) BACBD

1) ||: CDD E_bE_b FFGG AABBC :| 2) ||: BACBD C E_bD FE_bGFAG :|



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: Drop 3

Cycle: 5

Scale: C melodic minor

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{A^\circ}{D}$ $\frac{Eb+}{A}$ $\frac{B^\circ}{Eb}$ $\frac{E}{B}$ $\frac{Cm}{F}$

**Intervallic
Voice-Leading**

5 — c.t.
 2 → 3rd
 7 ↘ 2nd
 1 → 2nd

→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
•→	D	→	F	→	Eb	→	G	→	F	→	A	→	G	→
•→	B	→	A	→	C	→	B	→	D	→	C	→	Eb	→
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→

**Functional
Voice-Leading**

5 — 1
 2 → 7
 7 ↘ 2
 1 → 5

—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
→	B	→	A	→	C	→	B	→	D	→	C	→	Eb	→
→	D	→	F	→	Eb	→	G	→	F	→	A	→	G	→
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—

1
 7 $\xleftarrow{\text{up}}$ 2
 5

→	B	→	A	→	C	→	B	→	D	→	C	→	Eb	→
•→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
•—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
→	D	→	F	→	Eb	→	G	→	F	→	A	→	G	→

1
 7 $\xleftarrow{\text{down}}$ 2
 5

→	D	→	F	→	Eb	→	G	→	F	→	A	→	G	→
—	C	→	D	—	D	→	Eb	—	Eb	→	F	—	F	→
→	G	—	G	→	A	—	A	→	B	—	B	→	C	—
→	B	→	A	→	C	→	B	→	D	→	C	→	Eb	→

M.S.R.P. 1) $\overbrace{CDDEbEb}$ 2) \overbrace{BACBD}

1) \parallel : CDD EbEb FFGG AABBC : \parallel 2) \parallel : BACBD CEbD FEbGFAG : \parallel

↓
1

↓
5

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

Cycle: 5

Scale: C melodic minor

Type: Drop 2 & 3

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{A^\circ}{D}$ $\frac{Eb^\pm}{A}$ $\frac{B^\circ}{Eb}$ $\frac{E}{B}$ $\frac{Cm}{F}$

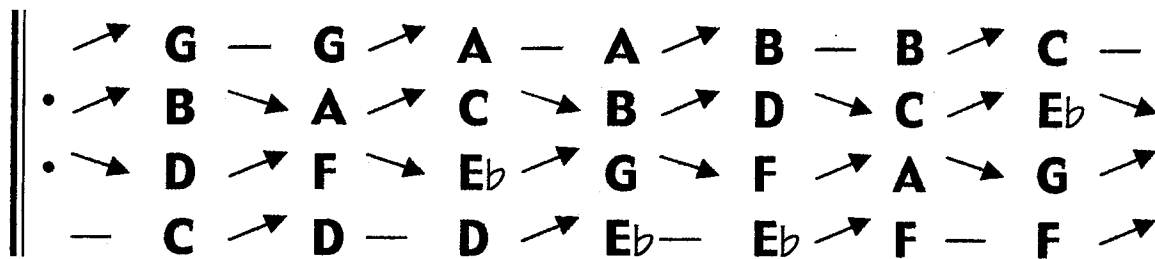
**Intervallic
Voice-Leading**

5 — c.t.

7 ↘ 2nd

2 → 3rd

1 → 2nd



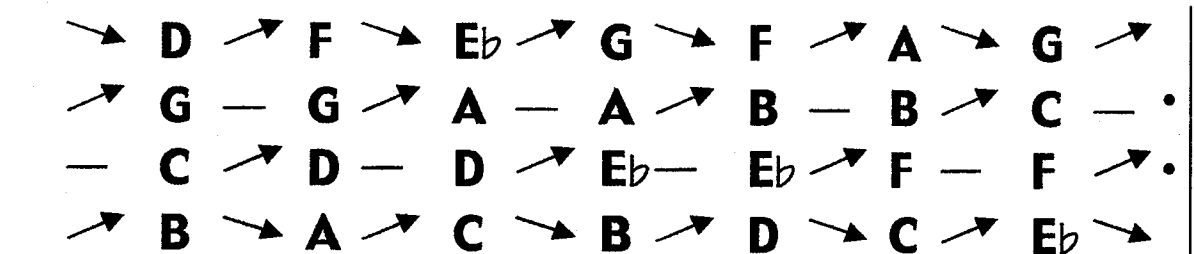
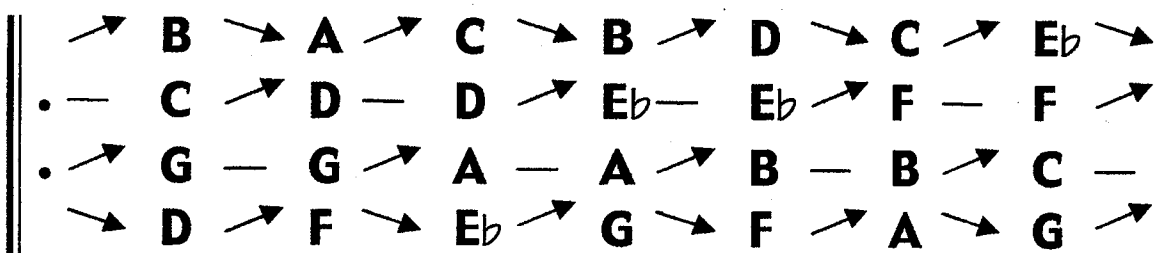
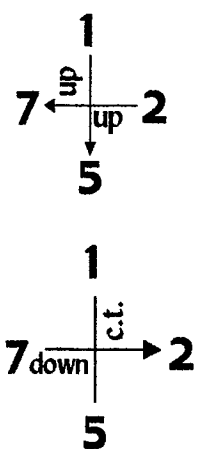
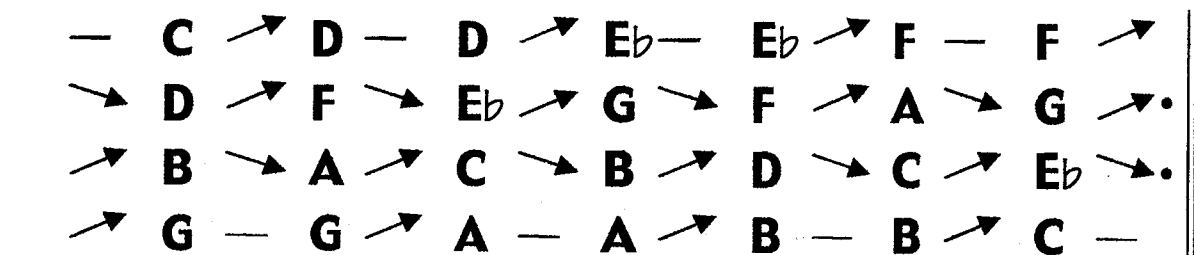
**Functional
Voice-Leading**

5 — 1

7 ↘ 2

2 → 7

1 → 5



M.S.R.P. 1) $\overbrace{CDDEbEb}$ 2) \overbrace{BACBD}

1) ||: CDD EbEb FFGG AABBC :|| 2) ||: BACBD C EbD FEbGFAG :||

↓
1

↓
5

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

Cycle: 5

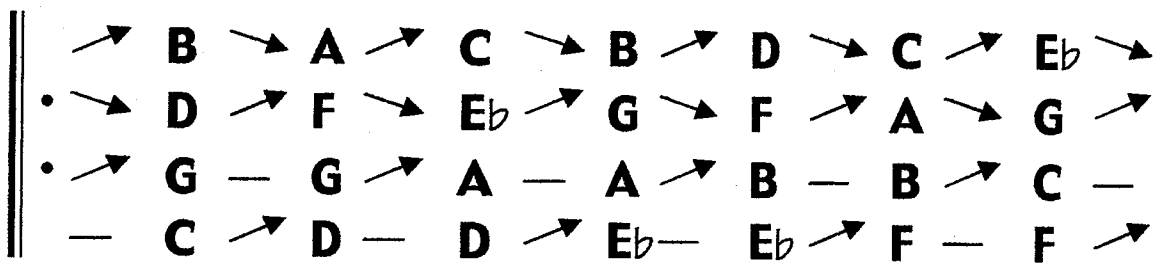
Scale: C melodic minor

Type: Drop 2 & 4

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{A^\circ}{D}$ $\frac{Eb+}{A}$ $\frac{B^\circ}{Eb}$ E $\frac{Cm}{F}$

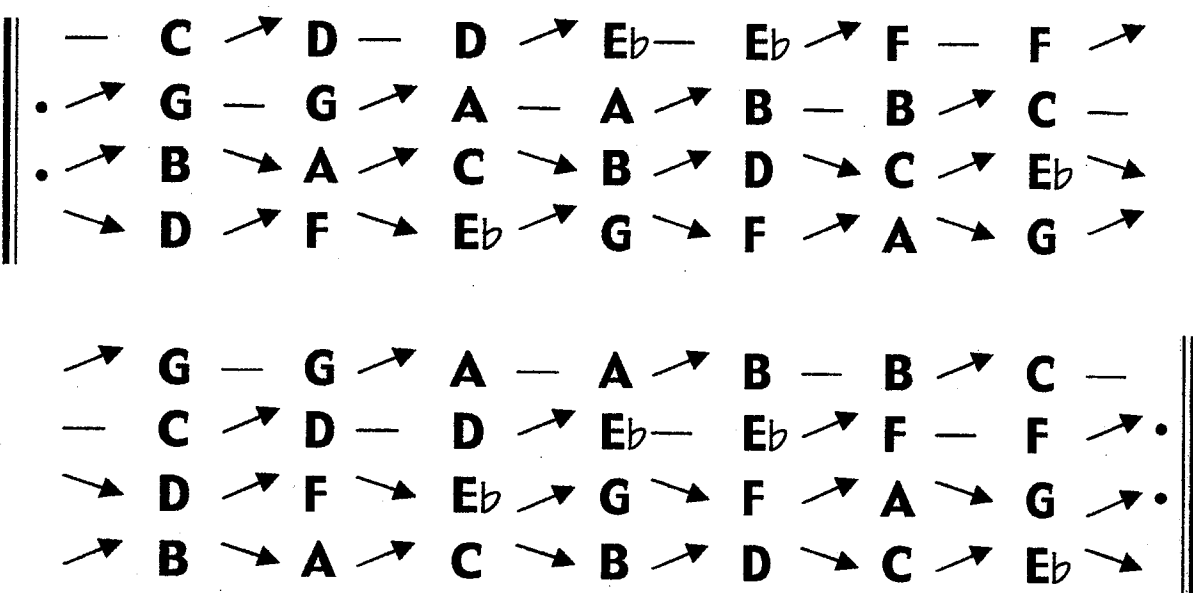
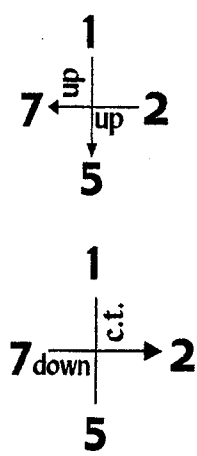
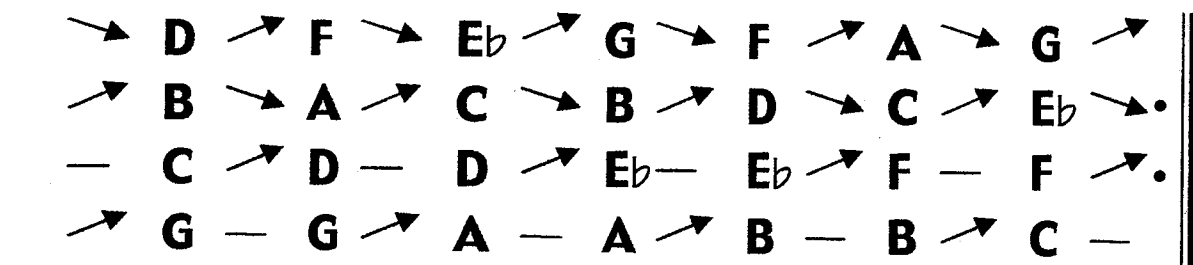
**Intervallic
Voice-Leading**

7 → 2nd
2 → 3rd
5 — c.t.
1 → 2nd



**Functional
Voice-Leading**

7 → 2
2 → 7
5 — 1
1 → 5



M.S.R.P. 1) $\overline{CDDEb} Eb$ 2) \overline{BACBD}

1) $||: CDD EbEb FFGG AABBC :||$ 2) $||: BACBD CEbD FEbGFAG :||$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: Double Drop 2,
 Drop 3

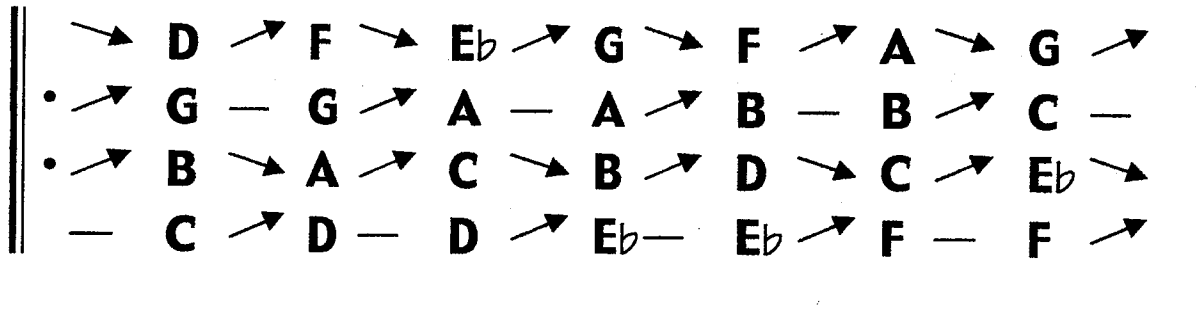
Cycle: 5

Scale: C melodic minor

$\frac{G}{C}$ $\frac{Dm}{G}$ $\frac{A^\circ}{D}$ $\frac{Eb+}{A}$ $\frac{B^\circ}{Eb}$ E $\frac{Cm}{F}$

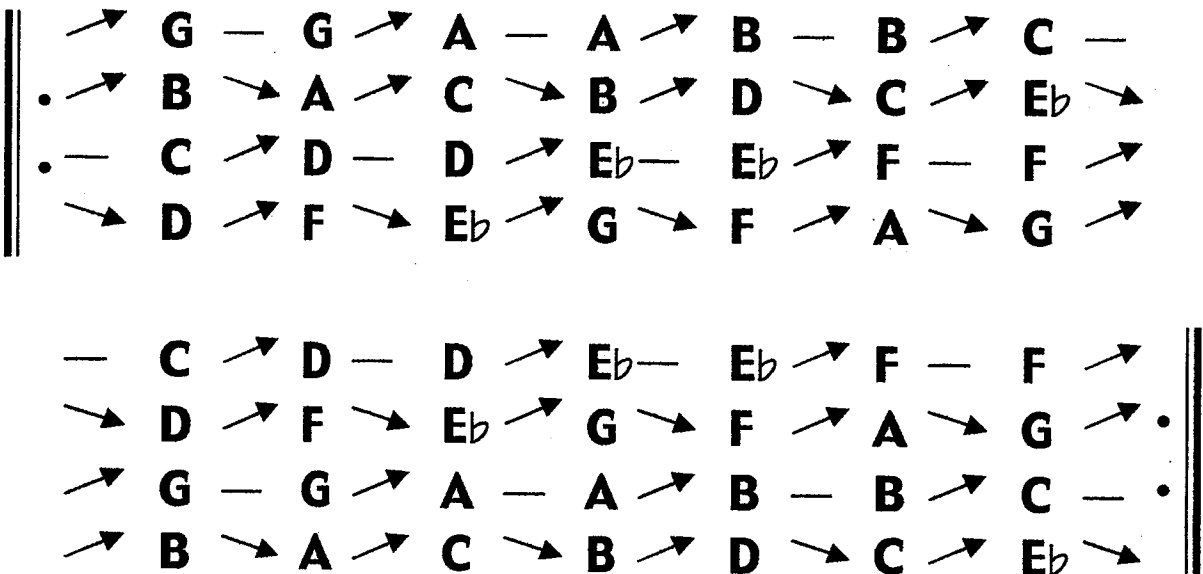
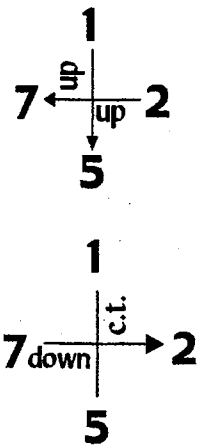
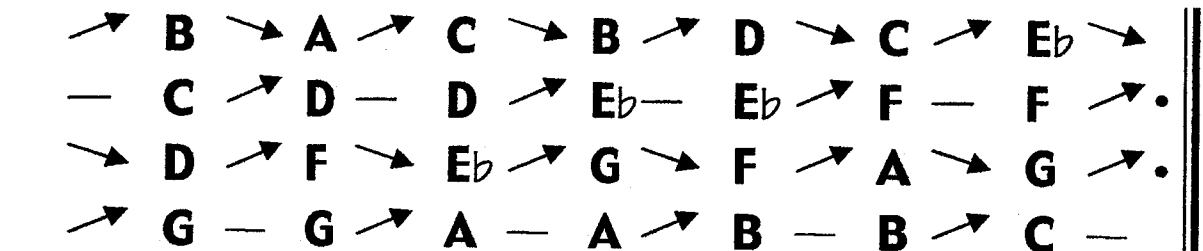
**Intervallic
 Voice-Leading**

2 → 3rd
 5 — c.t.
 7 → 2nd
 1 → 2nd



**Functional
 Voice-Leading**

2 → 7
 5 — 1
 7 → 2
 1 → 5



M.S.R.P. 1) $\overbrace{CDDEbEb}$ 2) \overbrace{BACBD}

1) ||: CDD EbEb FFGG AABBC :|| 2) ||: BACBD C EbD FEbGFAG :||

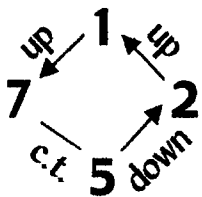


Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
 Voicing Type: Drop 2

Cycle: 3

Scale: C melodic minor

	$\frac{G}{C}$	$\frac{B^{\circ}}{E_b}$	$\frac{Dm}{G}$	$\frac{E}{B}$	$\frac{A^{\circ}}{D}$	$\frac{Cm}{F}$	$\frac{E_b+}{A}$
Intervallic							
Voice-Leading							
2 → 2nd	→ D	→ E _b	→ F	— F	→ E _b	→ F	→ G
7 — c.t.	• → B	— B	→ A	→ B	→ C	— C	→ B
5 → 2nd	• — G	→ F	→ G	→ A	— A	→ G	→ A
1 → 2nd	→ C	→ D	— D	→ C	→ D	→ E _b	→ E _b
	— G	→ F	→ G	→ A	— A	→ G	→ A
	→ C	→ D	— D	→ C	→ D	→ E _b	→ E _b
Functional	→ B	— B	→ A	→ B	→ C	— C	→ B
Voice-Leading	→ D	→ E _b	→ F	— F	→ E _b	→ F	→ G
2 → 1							
7 — 5	→ B	— B	→ A	→ B	→ C	— C	→ B
5 → 2	→ D	→ E _b	→ F	— F	→ E _b	→ F	→ G
1 → 7	→ C	→ D	— D	→ C	→ D	→ E _b	→ E _b
	— G	→ F	→ G	→ A	— A	→ G	→ A
	→ C	→ D	— D	→ C	→ D	→ E _b	→ E _b
	— G	→ F	→ G	→ A	— A	→ G	→ A
	→ D	→ E _b	→ F	— F	→ E _b	→ F	→ G
	→ B	— B	→ A	→ B	→ C	— C	→ B



M.S.R.P. $\overline{CDDC}D$

||: CDDCDE_bE_bDE_bFE_bE_bFGGF_bGAAGABBA BCCB :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 3

Cycle: 3

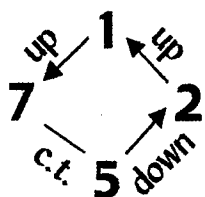
Scale: C melodic minor

**Intervallic
Voice-Leading**

5 → 2nd
 2 → c.t.
 7 — 2nd
 1 → 2nd

**Functional
Voice-Leading**

5 → 2
 2 → 1
 7 — 5
 1 → 7



	\underline{G}	$\underline{B^\circ}$	\underline{Dm}	\underline{E}	$\underline{A^\circ}$	\underline{Cm}	$\underline{Eb+}$	
	C	E _b	G	B	D	F	A	
—	G	→ F	→ G	→ A	—	A	→ G	→ A
• →	D	→ E_b	→ F	—	F	→ E_b	→ F	→ G
• →	B	—	B	→ A	→ B	→ C	—	C
→	C	→ D	—	D	→ C	→ D	→ E_b	→ E_b
→	B	—	B	→ A	→ B	→ C	—	C
→	C	→ D	—	D	→ C	→ D	→ E_b	→ E_b
→	D	→ E_b	→ F	—	F	→ E_b	→ F	→ G
→	C	→ D	—	D	→ C	→ D	→ E_b	→ E_b
→	B	—	B	→ A	→ B	→ C	—	C
→	D	→ E_b	→ F	—	F	→ E_b	→ F	→ G
→	G	→ F	→ G	→ A	—	A	→ G	→ A
→	D	→ E_b	→ F	—	F	→ E_b	→ F	→ G
→	C	→ D	—	D	→ C	→ D	→ E_b	→ E_b
→	G	→ F	→ G	→ A	—	A	→ G	→ A
→	B	—	B	→ A	→ B	→ C	—	C

M.S.R.P. $\overline{\text{CDDCD}}$

||: **CDDCDE_bE_bD E_bF E_bE_bFGGF GAAGABBA BCCB** :||

↓
1

↓
2

↓
5

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2 & 3

Cycle: 3

Scale: C melodic minor

**Intervallic
Voice-Leading**

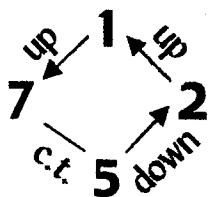
5 → 2nd
 7 — c.t.
 2 → 2nd
 1 → 2nd

	$\frac{G}{C}$	$\frac{B^\circ}{E_b}$	$\frac{Dm}{G}$	$\frac{E}{B}$	$\frac{A^\circ}{D}$	$\frac{Cm}{F}$	$\frac{E_b+}{A}$
• →	G	F	G	A	A	G	A
• →	B	B	A	B	C	C	B
→	D	E _b	F	F	E _b	F	G
→	C	D	D	C	D	E _b	E _b

**Functional
Voice-Leading**

5 → 2
 7 — 5
 2 → 1
 1 → 7

→	B	B	A	B	C	C	B
→	C	D	D	C	D	E _b	E _b
→	G	F	G	A	A	G	A
→	D	E _b	F	F	E _b	F	G
→	C	D	D	C	D	E _b	E _b
→	D	E _b	F	F	E _b	F	G
→	B	B	A	B	C	C	B
→	G	F	G	A	A	G	A



→	D	E _b	F	F	E _b	F	G
→	G	F	G	A	A	G	A
→	C	D	D	C	D	E _b	E _b
→	B	B	A	B	C	C	B

M.S.R.P. \overline{CDDCD}

||: C D D C D E_b E_b D E_b F E_b E_b F G G F G A A G A B B A B C C B :||



Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

Cycle: 3

Scale: C melodic minor

**Intervallic
 Voicing**

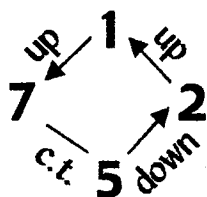
7 — c.t.
 2 ↗ 2nd
 5 ↘ 2nd
 1 ↗ 2nd

	<u>G</u>	<u>B^o</u>	<u>Dm</u>	<u>E</u>	<u>A^o</u>	<u>Cm</u>	<u>Eb+</u>
	C	E _b	G	B	D	F	A
→	B	B	A	B	C	C	B
• →	D	E _b	F	F	E _b	F	G
• —	G	F	G	A	A	G	A
→	C	D	D	C	D	E _b	E _b

**Functional
 Voicing**

7 — 5
 2 ↗ 1
 5 ↘ 2
 1 ↗ 7

→	C	D	D	C	D	E _b	E _b
—	G	F	G	A	A	G	A
→	B	B	A	B	C	C	B
→	D	E _b	F	F	E _b	F	G
→	D	E _b	F	F	E _b	F	G
→	B	B	A	B	C	C	B
→	C	D	D	C	D	E _b	E _b
—	G	F	G	A	A	G	A
→	G	F	G	A	A	G	A
→	C	D	D	C	D	E _b	E _b
→	D	E _b	F	F	E _b	F	G
→	B	B	A	B	C	C	B



M.S.R.P. CDDCD

||: CDD CDE_bE_bD E_bFE_bE_b FGGF G A A G A BBA BCCB :||

↓
1

↓
2

↓
5

↓
7

Chord Family: Triad I
B.N.

Cycle: 3

Scale: C melodic minor

Voicing Type: Double Drop 2,

Drop 3

**Intervallic
Voice-Leading**

2 ↗ 2nd

5 ↘ 2nd

7 — c.t.

1 ↗ 2nd

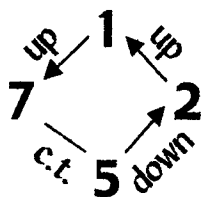
**Functional
Voice-Leading**

2 ↗ 1

5 ↘ 2

7 — 5

1 ↗ 7



	<u>G</u>	<u>B^o</u>	<u>Dm</u>	<u>F</u>	<u>A^o</u>	<u>Cm</u>	<u>E^b+</u>
	C	E ^b	G	B	D	F	A
→	D	E ^b	F	F	E ^b	F	G
• —	G	F	G	A	A	G	A
• ↗	B	B	A	B	C	C	B
↗	C	D	D	C	D	E ^b	E ^b
—	G	F	G	A	A	G	A
↗	B	B	A	B	C	C	B
↗	C	D	D	C	D	E ^b	E ^b
↘	D	E ^b	F	F	E ^b	F	G
—	G	F	G	A	A	G	A
↗	C	D	D	C	D	E ^b	E ^b
↘	D	E ^b	F	F	E ^b	F	G
—	G	F	G	A	A	G	A
↗	B	B	A	B	C	C	B

M.S.R.P. C D D C D

||: C D D C D E^b E^b D E^b F E^b E^b F G G F G A A G A B B A B C C B :||

1

2

5

7

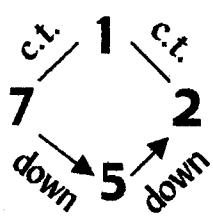
TBN I
ALL VOICINGS
ALL CYCLES
C HARMONIC MINOR

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: 4-way close

Cycle: 2

Scale: C harmonic minor

	$\frac{G}{C}$	$\frac{Ab}{D}$	$\frac{B^{\circ}}{Eb}$	$\frac{Cm}{F}$	$\frac{D^{\circ}}{G}$	$\frac{Eb+}{Ab}$	$\frac{Fm}{B}$	
Intervallic								
Voice-Leading	—	B →	Ab →	F —	F —	F →	Eb →	C —
7 → 2nd	• →	G →	Eb —	Eb —	Eb →	D →	B —	B —
5 → 3rd	• →	D —	D —	D →	C →	Ab —	Ab —	Ab →
2 — c.t.	—	C —	C →	B →	G —	G —	G →	F →
1 — c.t.								
Functional								
Voice-Leading	—	C —	C →	B →	G —	G —	G →	F →
7 → 5	—	B →	Ab →	F —	F —	F →	Eb →	C —
5 → 2	→	G →	Eb —	Eb —	Eb →	D →	B —	B —
2 — 1	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
1 — 7	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	Ab →	F —	F —	F →	Eb →	C —
	→	G →	Eb —	Eb —	Eb →	D →	B —	B —
	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	Ab →	F —	F —	F →	Eb →	C —
	→	G →	Eb —	Eb —	Eb →	D →	B —	B —
	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
	—	C —	C →	B →	G —	G —	G →	F →
	—	B →	Ab →	F —	F —	F →	Eb →	C —



M.S.R.P. $\overline{CCBG}G$

||: C C B G G G F D D D C A b A b A b G E b E b E b D B B B A b F F F E b C :||

↓
↓
↓
↓

1
2
5
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 2

Cycle: 2

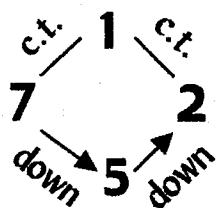
Scale: C harmonic minor

		$\frac{G}{C}$	$\frac{A^b}{D}$	$\frac{B^{\circ}}{E^b}$	$\frac{C^m}{F}$	$\frac{D^{\circ}}{G}$	$\frac{E^b+}{A^b}$	$\frac{F^m}{B}$
Intervallic								
Voice-Leading	→	D	D	D	→ C	→ A ^b	A ^b	A ^b →
2 — c.t.	• —	B	→ A ^b	F	— F	— F	→ E ^b	→ C —
7 → 2nd	• →	G	→ E ^b	E ^b	— E ^b	→ D	→ B	— B —
5 → 3rd	—	C	— C	→ B	→ G	— G	— G	→ F →
1 — c.t.								

Functional
Voice-Leading

2 — 1
 7 → 5
 5 → 2
 1 — 7

	→	G	→ E ^b	E ^b	— E ^b	→ D	→ B	— B —
	—	C	— C	→ B	→ G	— G	— G	→ F →
	—	B	→ A ^b	F	— F	— F	→ E ^b	→ C —
	→	D	— D	D	→ C	→ A ^b	A ^b	A ^b →
	—	C	— C	→ B	→ G	— G	— G	→ F →
	→	G	→ E ^b	E ^b	— E ^b	→ D	→ B	— B —
	—	C	— C	→ B	→ G	— G	— G	→ F →
	→	G	→ E ^b	E ^b	— E ^b	→ D	→ B	— B — •
	→	D	— D	D	→ C	→ A ^b	A ^b	A ^b → •
	—	B	→ A ^b	F	— F	— F	→ E ^b	→ C —



M.S.R.P. \overline{CCBGG}

||: C C B G G G F D D C A^b A^b A^b G E^b E^b E^b D B B B A^b F F F E^b C: ||

↓ ↓ ↓ ↓
 1 2 5 7

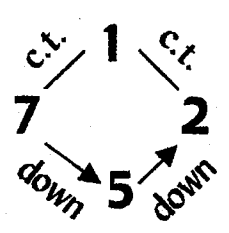
Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 3

Cycle: 2

Scale: C harmonic minor

		$\frac{G}{C}$	$\frac{Ab}{D}$	$\frac{B^{\circ}}{Eb}$	$\frac{Cm}{F}$	$\frac{D^{\circ}}{G}$	$\frac{Eb+}{Ab}$	$\frac{Fm}{B}$
Intervallic								
Voice-Leading								
5 → 3rd	•	G →	Ab —	Ab —	Ab →	D →	B —	B —
2 — c.t.	•	D —	D —	D →	C →	Ab —	Ab —	Ab →
7 → 2nd	•	B →	Ab →	F —	F —	F →	Ab →	C —
1 — c.t.	—	C —	C →	B →	G —	G —	G →	F →

	—	B →	Ab →	F —	F —	F →	Ab →	C —
	→	G →	Ab —	Ab —	Ab →	D →	B —	B —
Functional	—	C —	C →	B →	G —	G —	G →	F →
Voice-Leading	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
5 → 2	—	C —	C →	B →	G —	G —	G →	F →
2 — 1	—	B →	Ab →	F —	F —	F →	Ab →	C —
7 → 5	→	D —	D —	D →	C →	Ab —	Ab —	Ab →
1 — 7	→	G →	Ab —	Ab —	Ab →	D →	B —	B —



→	D —	D —	D →	C →	Ab —	Ab —	Ab →
—	C —	C →	B →	G —	G —	G →	F →
→	G →	Ab —	Ab —	Ab →	D →	B —	B —
—	B →	Ab →	F —	F —	F →	Ab →	C —

M.S.R.P. $\overline{C C B G G}$

||: C C B G G G F D D D C Ab Ab Ab G Eb Eb Eb D B B B Ab F F F Eb C: ||

↓ ↓ ↓ ↓
 1 2 5 7

Chord Family: Triad I
B.N.

Cycle: 2

Scale: C harmonic minor

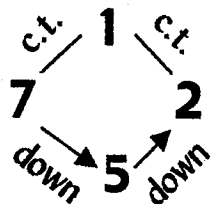
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

- 2 — c.t.
- 5 → 3rd
- 7 → 2nd
- 1 — c.t.

**Functional
Voice-Leading**

- 2 — 1
- 5 → 2
- 7 → 5
- 1 — 7



	<u>G</u>	<u>Ab</u>	<u>B°</u>	<u>Cm</u>	<u>D°</u>	<u>Eb+</u>	<u>Fm</u>
	C	D	E _b	F	G	A _b	B
→	D	D	D	→ C	→ A _b	A _b	A _b →
• →	G	→ E _b	E _b	→ E _b	→ D	→ B	B —
• —	B	→ A _b	→ F	→ F	→ F	→ E _b	→ C —
—	C	→ C	→ B	→ G	→ G	→ G	→ F →
→	G	→ E _b	E _b	→ E _b	→ D	→ B	B —
—	B	→ A _b	→ F	→ F	→ F	→ E _b	→ C —
—	C	→ C	→ B	→ G	→ G	→ G	→ F →
→	D	D	D	→ C	→ A _b	A _b	A _b →
→	G	→ E _b	E _b	→ E _b	→ D	→ B	B —
—	C	→ C	→ B	→ G	→ G	→ G	→ F →
→	D	D	D	→ C	→ A _b	A _b	A _b → •
→	G	→ E _b	E _b	→ E _b	→ D	→ B	B — •
—	B	→ A _b	→ F	→ F	→ F	→ E _b	→ C —

M.S.R.P. CCBGG

||: C C B G G G F D D C A_b A_b A_b G E_b E_b E_b D B B B A_b F F F E_b C: ||

1

2

5

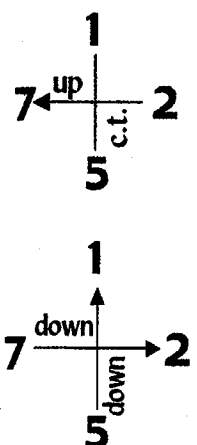
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: 4-way close

Cycle: 4

Scale: C harmonic minor

	$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{Em}{B}$	$\frac{B^\circ}{E_b}$	$\frac{E_b^+}{A_b}$	$\frac{A_b}{D}$	$\frac{D^\circ}{G}$
Intervallic							
Voice-Leading	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
7 \rightarrow 3rd	$\cdot - G$	$\rightarrow F$	$- F$	$\rightarrow E_b$	$- E_b$	$\rightarrow D$	$- D$
5 \rightarrow 2nd	$\cdot \rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
2 \rightarrow 2nd	$\rightarrow C$	$- C$	$\rightarrow B$	$- B$	$\rightarrow A_b$	$- A_b$	$\rightarrow G$
1 - c.t.							
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
	$\rightarrow C$	$- C$	$\rightarrow B$	$- B$	$\rightarrow A_b$	$- A_b$	$\rightarrow G$
Functional	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
Voice-Leading	$- G$	$\rightarrow F$	$- F$	$\rightarrow E_b$	$- E_b$	$\rightarrow D$	$- D$
7 \rightarrow 2							
5 \rightarrow 1							
2 \rightarrow 7							
1 - 5							
	$\rightarrow C$	$- C$	$\rightarrow B$	$- B$	$\rightarrow A_b$	$- A_b$	$\rightarrow G$
	$\cdot \rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
	$\cdot - G$	$\rightarrow F$	$- F$	$\rightarrow E_b$	$- E_b$	$\rightarrow D$	$- D$
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
	$- G$	$\rightarrow F$	$- F$	$\rightarrow E_b$	$- E_b$	$\rightarrow D$	$- D$
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
	$\rightarrow C$	$- C$	$\rightarrow B$	$- B$	$\rightarrow A_b$	$- A_b$	$\rightarrow G$
	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$



M.S.R.P. 1) $\overline{CCBB} A_b$ 2) $\overline{DE_bCD} B$

1) $\parallel : CCBB A_b A_b G G F F E_b E_b D D : \parallel$ 2) $\parallel : D E_b C D B C A_b B G A_b F G E_b F : \parallel$

\downarrow \downarrow \downarrow \downarrow
 1 5 2 7

Chord Family: Triad B.N. I

Cycle: 4

Scale: C harmonic minor

Voicing Type: Drop 2

**Intervallic
Voice-Leading**

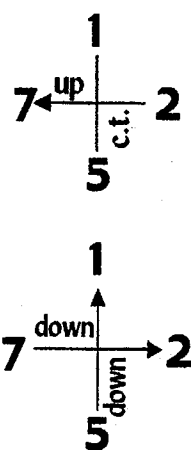
2 → 2nd
7 → 3rd
5 → 2nd
1 — c.t.

	<u>G</u>	<u>Cm</u>	<u>Fm</u>	<u>B°</u>	<u>Eb+</u>	<u>Ab</u>	<u>D°</u>
	C	F	B	Eb	Ab	D	G
→	D	Eb	C	D	B	C	Ab
• →	B	G	Ab	F	G	Eb	F
• —	G	F	F	Eb	Eb	D	D
→	C	C	B	B	Ab	Ab	G

**Functional
Voice-Leading**

2 → 7
7 → 2
5 → 1
1 — 5

→	B	G	Ab	F	G	Eb	F
→	D	Eb	C	D	B	C	Ab
→	C	C	B	B	Ab	Ab	G
—	G	F	F	Eb	Eb	D	D



—	G	F	F	Eb	Eb	D	D
• →	C	C	B	B	Ab	Ab	G
• →	B	G	Ab	F	G	Eb	F
→	D	Eb	C	D	B	C	Ab
→	C	C	B	B	Ab	Ab	G
—	G	F	F	Eb	Eb	D	D
→	D	Eb	C	D	B	C	Ab
→	B	G	Ab	F	G	Eb	F

M.S.R.P. 1) CCBB Ab 2) DEbCDB

1) ||: CCBB Ab Ab G G F F Eb Eb D D :|| 2) ||: D Eb C D B C Ab B G Ab F G Eb F :||

↓
1

↓
5

↓
2

↓
7

Chord Family: Triad I
B.N.
Voicing Type: Drop 3

Cycle: 4

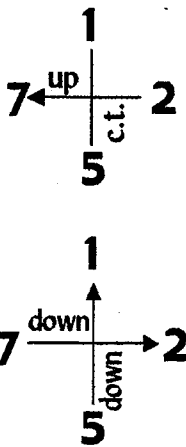
Scale: C harmonic minor

**Intervallic
Voice-Leading**

5 → 2nd
 2 → 2nd
 7 → 3rd
 1 — c.t.

**Functional
Voice-Leading**

5 → 1
 2 → 7
 7 → 2
 1 — 5



	<u>G</u>	<u>Cm</u>	<u>Fm</u>	<u>B^o</u>	<u>Eb+</u>	<u>Ab</u>	<u>D^o</u>
	C	F	B	E _b	A _b	D	G
—	G →	F —	F →	E_b —	E_b →	D —	D →
• →	D →	E_b →	C →	D →	B →	C →	A_b →
• →	B →	G →	A_b →	F →	G →	E_b →	F →
→	C —	C →	B —	B →	A_b —	A_b →	G —
→	C —	C →	B —	B →	A_b —	A_b →	G —
→	B →	G →	A_b →	F →	G →	E_b →	F →
→	D →	E_b →	C →	D →	B →	C →	A_b →
—	G →	F —	F →	E_b —	E_b →	D —	D →
→	B →	G →	A_b →	F →	G →	E_b →	F →
• —	G →	F —	F →	E_b —	E_b →	D —	D →
• →	C —	C →	B —	B →	A_b —	A_b →	G —
→	D →	E_b →	C →	D →	B →	C →	A_b →
→	D →	E_b →	C →	D →	B →	C →	A_b →
→	C —	C →	B —	B →	A_b —	A_b →	G —
—	G →	F —	F →	E_b —	E_b →	D —	D →
→	B →	G →	A_b →	F →	G →	E_b →	F →

M.S.R.P. 1) CCBB A_b 2) DE_bCD B

1) ||: CCBBA_b A_b G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A_b B G A_b F G E_b F :||

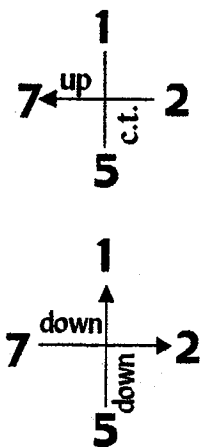


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2 & 3

Cycle: 4

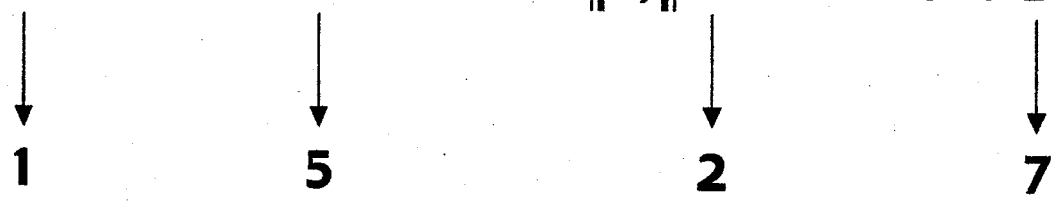
Scale: C harmonic minor

	$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{Fm}{B}$	$\frac{B^{\circ}}{E_b}$	$\frac{E_b^{\#}}{A_b}$	$\frac{A_b}{D}$	$\frac{D^{\circ}}{G}$
Intervallic							
Voice-Leading	—	→	—	→	—	→	—
5 → 2nd	G	F	F	E _b	E _b	D	D
7 → 3rd	B	G	A _b	F	G	E _b	F
2 → 2nd	D	E _b	C	D	B	C	A _b
1 — c.t.	C	C	B	B	A _b	A _b	G
	→	→	→	→	→	→	→
	C	C	B	B	A _b	A _b	G
	D	E _b	C	D	B	C	A _b
	B	G	A _b	F	G	E _b	F
Functional	—	→	—	→	—	→	—
Voice-Leading	G	F	F	E _b	E _b	D	D
5 → 1							
7 → 2	B	G	A _b	F	G	E _b	F
2 → 7	C	C	B	B	A _b	A _b	G
1 — 5	G	F	F	E _b	E _b	D	D
	→	→	→	→	→	→	→
	D	E _b	C	D	B	C	A _b
	G	F	F	E _b	E _b	D	D
	C	C	B	B	A _b	A _b	G
	B	G	A _b	F	G	E _b	F



M.S.R.P. 1) $\overbrace{C C B B A_b}$ 2) $\overbrace{D E_b C D B}$

1) $\parallel: C C B B A_b A_b G G F F E_b E_b D D : \parallel$ 2) $\parallel: D E_b C D B C A_b B G A_b F G E_b F : \parallel$

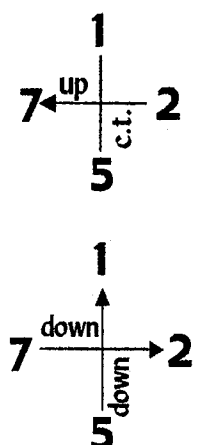


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 2 & 4

Cycle: 4

Scale: C harmonic minor

	$\frac{G}{C}$	$\frac{Cm}{F}$	$\frac{Fm}{B}$	$\frac{B^{\circ}}{E_b}$	$\frac{E_b+}{A_b}$	$\frac{A_b}{D}$	$\frac{D^{\circ}}{G}$
Intervallic Voice-Leading	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
7 \rightarrow 3rd	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
2 \rightarrow 2nd	$\rightarrow G$	$\rightarrow F$	$\rightarrow F$	$\rightarrow E_b$	$\rightarrow E_b$	$\rightarrow D$	$\rightarrow D$
5 \rightarrow 2nd	$\rightarrow C$	$\rightarrow C$	$\rightarrow B$	$\rightarrow B$	$\rightarrow A_b$	$\rightarrow A_b$	$\rightarrow G$
1 — c.t.							
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
Functional Voice-Leading	$\rightarrow C$	$\rightarrow C$	$\rightarrow B$	$\rightarrow B$	$\rightarrow A_b$	$\rightarrow A_b$	$\rightarrow G$
	$\rightarrow G$	$\rightarrow F$	$\rightarrow F$	$\rightarrow E_b$	$\rightarrow E_b$	$\rightarrow D$	$\rightarrow D$
7 \rightarrow 2							
2 \rightarrow 7							
5 \rightarrow 1							
1 — 5							
	$\rightarrow C$	$\rightarrow C$	$\rightarrow B$	$\rightarrow B$	$\rightarrow A_b$	$\rightarrow A_b$	$\rightarrow G$
	$\rightarrow G$	$\rightarrow F$	$\rightarrow F$	$\rightarrow E_b$	$\rightarrow E_b$	$\rightarrow D$	$\rightarrow D$
	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$
	$\rightarrow C$	$\rightarrow C$	$\rightarrow B$	$\rightarrow B$	$\rightarrow A_b$	$\rightarrow A_b$	$\rightarrow G$
	$\rightarrow G$	$\rightarrow F$	$\rightarrow F$	$\rightarrow E_b$	$\rightarrow E_b$	$\rightarrow D$	$\rightarrow D$
	$\rightarrow B$	$\rightarrow G$	$\rightarrow A_b$	$\rightarrow F$	$\rightarrow G$	$\rightarrow E_b$	$\rightarrow F$
	$\rightarrow D$	$\rightarrow E_b$	$\rightarrow C$	$\rightarrow D$	$\rightarrow B$	$\rightarrow C$	$\rightarrow A_b$



M.S.R.P. 1) $\overbrace{C C B B} A_b$ 2) $\overbrace{D E_b C D} B$

1) $||: C C B B A_b A_b G G F F E_b E_b D D :||$ 2) $||: D E_b C D B C A_b B G A_b F G E_b F :||$

↓
↓
↓
↓

1
5
2
7

Chord Family: Triad
B.N. I

Cycle: 4

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

		<u>G</u>	<u>Cm</u>	<u>Fm</u>	<u>B°</u>	<u>Eb+</u>	<u>Ab</u>	<u>D°</u>
		C	F	B	Eb	Ab	D	G
Intervallic Voice-Leading	2 → 2nd	→ D	→ Eb	→ C	→ D	→ B	→ C	→ Ab
	5 → 2nd	→ G	→ F	→ F	→ Eb	→ Eb	→ D	→ D
	7 → 3rd	→ B	→ G	→ Ab	→ F	→ G	→ Eb	→ F
	1 — c.t.	→ C	→ C	→ B	→ B	→ Ab	→ Ab	→ G
Functional Voice-Leading	2 → 7	→ B	→ G	→ Ab	→ F	→ G	→ Eb	→ F
	5 → 1	→ C	→ C	→ B	→ B	→ Ab	→ Ab	→ G
	7 → 2	→ D	→ Eb	→ C	→ D	→ B	→ C	→ Ab
	1 — 5	→ G	→ F	→ F	→ Eb	→ Eb	→ D	→ D
	→ G	→ F	→ F	→ Eb	→ Eb	→ D	→ D	
	→ B	→ G	→ Ab	→ F	→ G	→ Eb	→ F	
	→ C	→ C	→ B	→ B	→ Ab	→ Ab	→ G	
	→ D	→ Eb	→ C	→ D	→ B	→ C	→ Ab	
	→ C	→ C	→ B	→ B	→ Ab	→ Ab	→ G	
	→ D	→ Eb	→ C	→ D	→ B	→ C	→ Ab	
	→ G	→ F	→ F	→ Eb	→ Eb	→ D	→ D	
	→ B	→ G	→ Ab	→ F	→ G	→ Eb	→ F	

M.S.R.P. 1) CCBB Ab 2) DEb CDB

1) ||: CCBBA_b A_b G G F F E_b E_b D D :|| 2) ||: D E_b C D B C A_b B G A_b F G E_b F :||

↓
1

↓
5

↓
2

↓
7

Chord Family: Triad I
B.N.
Voicing Type: 4-way close

Cycle: 6

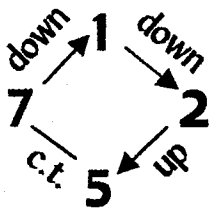
Scale: C harmonic minor

Intervallic
Voice-Leading

7 → 2nd
 5 — c.t.
 2 → 2nd
 1 → 2nd

Functional
Voice-Leading

7 → 1
 5 — 7
 2 → 5
 1 → 2



	<u>G</u>	<u>E_b⁺</u>	<u>C_m</u>	<u>A_b</u>	<u>F_m</u>	<u>D^o</u>	<u>B^o</u>
	C	A _b	F	D	B	G	E _b
	— B	→ A _b	→ G	→ A _b	— A _b	→ G	→ F
•	→ G	— G	→ F	→ E _b	→ F	— F	→ E _b
•	→ D	→ E _b	— E _b	→ D	→ C	→ D	— D
	→ C	→ B	→ C	— C	→ B	→ A _b	→ B
	→ G	— G	→ F	→ E _b	→ F	— F	→ E _b
	→ D	→ E _b	— E _b	→ D	→ C	→ D	— D
	→ C	→ B	→ C	— C	→ B	→ A _b	→ B
	— B	→ A _b	→ G	→ A _b	— A _b	→ G	→ F
	→ D	→ E _b	— E _b	→ D	→ C	→ D	— D
	→ C	→ B	→ C	— C	→ B	→ A _b	→ B
	— B	→ A _b	→ G	→ A _b	— A _b	→ G	→ F
	→ G	— G	→ F	→ E _b	→ F	— F	→ E _b
	→ C	→ B	→ C	— C	→ B	→ A _b	→ B
	— B	→ A _b	→ G	→ A _b	— A _b	→ G	→ F
	→ G	— G	→ F	→ E _b	→ F	— F	→ E _b
	→ D	→ E _b	— E _b	→ D	→ C	→ D	— D

M.S.R.P. C B C C B

||: C B C C B A_b B B A_b G A_b A_b G F G G F E_b F F E_b D E_b E_b D C D D: ||

↓
1

↓
7

↓
5

↓
2

Chord Family: Triad I
B.N.
Voicing Type: Drop 2

Cycle: 6

Scale: C harmonic minor

Intervallic
Voice-Leading

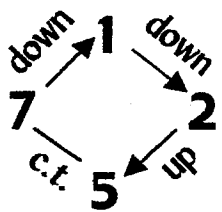
2 → 2nd
 7 → 2nd
 5 — c.t.
 1 → 2nd

	<u>G</u>	<u>E^b+</u>	<u>C^m</u>	<u>A^b</u>	<u>F^m</u>	<u>D^o</u>	<u>B^o</u>
	C	A ^b	F	D	B	G	E ^b
→	D	→ E ^b —	E ^b →	D →	C →	D —	D →
• —	B	→ A ^b →	G →	A ^b —	A ^b →	G →	F →
• →	G	— G →	F →	E ^b →	F —	F →	E ^b →
→	C	→ B →	C —	C →	B →	A ^b →	B —

Functional
Voice-Leading

2 → 5
 7 → 1
 5 — 7
 1 → 2

→	C	→ B →	C —	C →	B →	A ^b →	B —
→	G	— G →	F →	E ^b →	F —	F →	E ^b →
→	D	→ E ^b —	E ^b →	D →	C →	D —	D →
—	B	→ A ^b →	G →	A ^b —	A ^b →	G →	F →
→	D	→ E ^b —	E ^b →	D →	C →	D —	D →
→	C	→ B →	C —	C →	B →	A ^b →	B —
→	G	— G →	F →	E ^b →	F —	F →	E ^b →
→	G	— G →	F →	E ^b →	F —	F →	E ^b →
→	C	→ B →	C —	C →	B →	A ^b →	B —
—	B	→ A ^b →	G →	A ^b —	A ^b →	G →	F →
→	D	→ E ^b —	E ^b →	D →	C →	D —	D →



M.S.R.P. C B C C B

||: C B C C B A^b B B A^b G A^b A^b G F G G F E^b F F E^b D E^b E^b D C D D: ||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Voicing Type: Drop 3

Cycle: 6

Scale: C harmonic minor

**Intervallic
Voice-Leading**

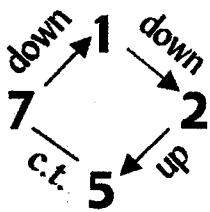
5 — c.t.
 2 → 2nd
 7 → 2nd
 1 → 2nd

	$\frac{G}{C}$	$\frac{Eb+}{Ab}$	$\frac{Cm}{F}$	$\frac{Ab}{D}$	$\frac{Fm}{B}$	$\frac{D^{\circ}}{G}$	$\frac{B^{\circ}}{Eb}$
→	G	— G	→ F	→ Eb	→ F	— F	→ Eb
• →	D	→ Eb	— Eb	→ D	→ C	→ D	— D
• —	B	→ Ab	→ G	→ Ab	— Ab	→ G	→ F
→	C	→ B	→ C	— C	→ B	→ Ab	→ B

**Functional
Voice-Leading**

5 — 7
 2 → 5
 7 → 1
 1 → 2

→	D	→ Eb	— Eb	→ D	→ C	→ D	— D
→	C	→ B	→ C	— C	→ B	→ Ab	→ B
→	G	— G	→ F	→ Eb	→ F	— F	→ Eb
—	B	→ Ab	→ G	→ Ab	— Ab	→ G	→ F
→	C	→ B	→ C	— C	→ B	→ Ab	→ B
—	B	→ Ab	→ G	→ Ab	— Ab	→ G	→ F
→	D	→ Eb	— Eb	→ D	→ C	→ D	— D
→	G	— G	→ F	→ Eb	→ F	— F	→ Eb
—	B	→ Ab	→ G	→ Ab	— Ab	→ G	→ F
→	G	— G	→ F	→ Eb	→ F	— F	→ Eb
→	C	→ B	→ C	— C	→ B	→ Ab	→ B
→	D	→ Eb	— Eb	→ D	→ C	→ D	— D



M.S.R.P. \overline{CBCCB}

||: C B C C B A^b B B A^b G A^b A^b G F G G F E^b F F E^b D E^b E^b D C D D :||



Chord Family: Triad I
B.N.
Voicing Type: Drop 2 & 4

Cycle: 6

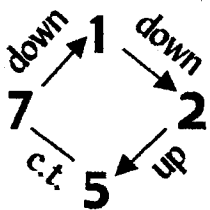
Scale: C harmonic minor

**Intervallic
Voice-Leading**

7 → 2nd
 2 → 2nd
 5 — c.t.
 1 → 2nd

**Functional
Voice-Leading**

7 → 1
 2 → 5
 5 — 7
 1 → 2



	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A_b</u>	<u>F_m</u>	<u>D^o</u>	<u>B^o</u>	
	C	A _b	F	D	B	G	E _b	
—	B	→ A_b	→ G	→ A_b	— A_b	→ G	→ F	→
• →	D	→ E_b	— E_b	→ D	→ C	→ D	— D	→
• →	G	— G	→ F	→ E_b	→ F	— F	→ E_b	→
→	C	→ B	→ C	— C	→ B	→ A_b	→ B	—
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b	→
→	C	→ B	→ C	— C	→ B	→ A_b	→ B	—
→	D	→ E_b	— E_b	→ D	→ C	→ D	— D	→
—	B	→ A_b	→ G	→ A_b	— A_b	→ G	→ F	→
→	D	→ E_b	— E_b	→ D	→ C	→ D	— D	→
—	B	→ A_b	→ G	→ A_b	— A_b	→ G	→ F	→
→	C	→ B	→ C	— C	→ B	→ A_b	→ B	—
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b	→
→	C	→ B	→ C	— C	→ B	→ A_b	→ B	—
→	G	— G	→ F	→ E_b	→ F	— F	→ E_b	→
—	B	→ A_b	→ G	→ A_b	— A_b	→ G	→ F	→
→	D	→ E_b	— E_b	→ D	→ C	→ D	— D	→

M.S.R.P. **C B C C B**

||: **C B C C B A_b B B A_b G A_b A_b G F G G F E_b F F E_b D E_b E_b D C D D** ||

↓
1

↓
7

↓
5

↓
2

Chord Family: Triad I
B.N.

Cycle: 6

Scale: C harmonic minor

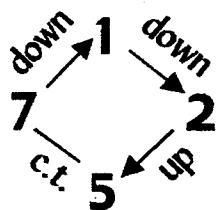
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 2nd
5 — c.t.
7 → 2nd
1 → 2nd

**Functional
Voice-Leading**

2 → 5
5 — 7
7 → 1
1 → 2



	<u>G</u>	<u>E_b+</u>	<u>C_m</u>	<u>A_b</u>	<u>F_m</u>	<u>D^o</u>	<u>B^o</u>
	C	A _b	F	D	B	G	E _b
→	D	E _b —	E _b	D	C	D	D
• →	G	G	F	E _b	F	F	E _b
• —	B	A _b	G	A _b —	A _b	G	F
→	C	B	C	C	B	A _b	B
→	C	B	C	C	B	A _b	B
→	D	E _b —	E _b	D	C	D	D
→	G	G	F	E _b	F	F	E _b
—	B	A _b	G	A _b —	A _b	G	F
→	B	A _b	G	A _b —	A _b	G	F
→	C	B	C	C	B	A _b	B
→	D	E _b —	E _b	D	C	D	D
→	G	G	F	E _b	F	F	E _b
→	G	G	F	E _b	F	F	E _b
—	B	A _b	G	A _b —	A _b	G	F
→	C	B	C	C	B	A _b	B
→	D	E _b —	E _b	D	C	D	D

M.S.R.P. C B C C B

||: C B C C B A_b B B A_b G A_b A_b G F G G F E_b F F E_b D E_b E_b D C D D:||



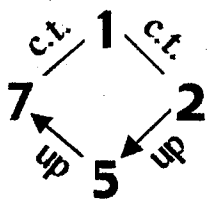
Chord Family: Triad I
B.N.

Cycle: 7

Scale: C harmonic minor

Voicing Type: 4-way close

		<u>G</u>	<u>Fm</u>	<u>Eb+</u>	<u>D°</u>	<u>Cm</u>	<u>B°</u>	<u>Ab</u>
		C	B	Ab	G	F	Eb	D
Intervallic Voice-Leading	→	B	— B	— B	→ D	→ Eb	— Eb	→ Eb
	• →	G	→ Ab	— Ab	→ Ab	→ C	→ D	— D
	• —	D	→ F	→ G	— G	→ G	→ B	→ C
	—	C	— C	→ Eb	→ F	— F	→ F	→ Ab
	→	G	→ Ab	— Ab	→ Ab	→ C	→ D	— D
Functional Voice-Leading	—	D	→ F	→ G	— G	→ G	→ B	→ C
	—	C	— C	→ Eb	→ F	— F	→ F	→ Ab
	→	B	— B	— B	→ D	→ Eb	— Eb	→ Eb
	→	G	→ Ab	— Ab	→ Ab	→ C	→ D	— D
	—	C	— C	→ Eb	→ F	— F	→ F	→ Ab
→	B	— B	— B	→ D	→ Eb	— Eb	→ Eb	
→	G	→ Ab	— Ab	→ Ab	→ C	→ D	— D	
—	C	— C	→ Eb	→ F	— F	→ F	→ Ab	
→	B	— B	— B	→ D	→ Eb	— Eb	→ Eb	
→	G	→ Ab	— Ab	→ Ab	→ C	→ D	— D	
—	D	→ F	→ G	— G	→ G	→ B	→ C	



M.S.R.P. C C E^b F F

||: C C E^b F F F A^b B B B D E^b E^b E^b G A^b A^b A^b C D D D F G G G B C :||

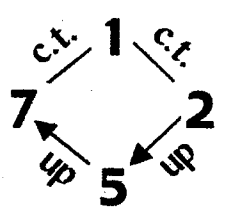


Chord Family: Triad I
B.N.
Voicing Type: Drop 2

Cycle: 7

Scale: C harmonic minor

	<u>G</u>	<u>Fm</u>	<u>Eb+</u>	<u>D°</u>	<u>Cm</u>	<u>B°</u>	<u>Ab</u>
	C	B	Ab	G	F	Eb	D
Intervallic							
Voice-Leading							
2 → 3rd	— D →	F →	G —	G —	G →	B →	C —
7 — c.t.	• → B —	B —	B →	D →	Eb —	Eb —	Eb →
5 → 2nd	• → G →	Ab —	Ab —	Ab →	C →	D —	D —
1 — c.t.	— C —	C →	Eb →	F —	F —	F →	Ab →
	— C —	C →	Eb →	F —	F —	F →	Ab →
	→ G →	Ab —	Ab —	Ab →	C →	D —	D —
Functional							
Voice-Leading							
2 → 5	— D →	F →	G —	G —	G →	B →	C —
7 — 1	→ B —	B —	B →	D →	Eb —	Eb —	Eb →
5 → 7	— D →	F →	G —	G —	G →	B →	C —
1 — 2	— C —	C →	Eb →	F —	F —	F →	Ab →
	→ G →	Ab —	Ab —	Ab →	C →	D —	D —
	→ G →	Ab —	Ab —	Ab →	C →	D —	D —
	— C —	C →	Eb →	F —	F —	F →	Ab →
	→ B —	B —	B →	D →	Eb —	Eb —	Eb →
	— D →	F →	G —	G —	G →	B →	C —



M.S.R.P. C C Eb F F

||: C C Eb F F F Ab B B B D Eb Eb Eb G Ab Ab Ab C D D D F G G G B C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Voicing Type: Drop 3

Cycle: 7

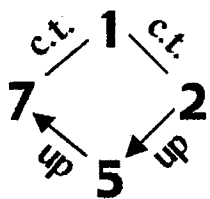
Scale: C harmonic minor

**Intervallic
Voice-Leading**

5 → 2nd
 2 → 3rd
 7 — c.t.
 1 — c.t.

**Functional
Voice-Leading**

5 → 7
 2 → 5
 7 — 1
 1 — 2



	$\frac{G}{C}$	$\frac{Fm}{B}$	$\frac{Eb+}{Ab}$	$\frac{D^{\circ}}{G}$	$\frac{Cm}{F}$	$\frac{B^{\circ}}{Eb}$	$\frac{Ab}{D}$
→	G	Ab	Ab	Ab	C	D	D
• —	D	F	G	G	G	B	C
• →	B	B	B	D	Eb	Eb	Eb
—	C	C	Eb	F	F	F	Ab
—	D	F	G	G	G	B	C
—	C	C	Eb	F	F	F	Ab
→	G	Ab	Ab	Ab	C	D	D
→	B	B	B	D	Eb	Eb	Eb
—	C	C	Eb	F	F	F	Ab
→	B	B	B	D	Eb	Eb	Eb
—	D	F	G	G	G	B	C
→	G	Ab	Ab	Ab	C	D	D
→	B	B	B	D	Eb	Eb	Eb
→	G	Ab	Ab	Ab	C	D	D
—	C	C	Eb	F	F	F	Ab
—	D	F	G	G	G	B	C

M.S.R.P. $\overline{C C E_b F F}$

||: C C E_b F F F A_b B B B D E_b E_b E_b G A_b A_b A_b C D D D F G G G B C :||



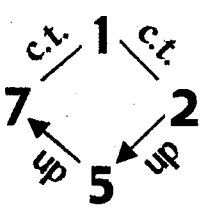
Chord Family: Triad I
B.N.

Cycle: 7

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

		<u>G</u>	<u>Fm</u>	<u>Eb+</u>	<u>D°</u>	<u>Cm</u>	<u>B°</u>	<u>Ab</u>
		C	B	Ab	G	F	Eb	D
Intervallic Voice-Leading	5 → 2nd	→ G	→ Ab	→ Ab	→ Ab	→ C	→ D	→ D
	7 — c.t.	→ B	→ B	→ B	→ D	→ Eb	→ Eb	→ Eb
	2 → 3rd	→ D	→ F	→ G	→ G	→ G	→ B	→ C
	1 — c.t.	→ C	→ C	→ Eb	→ F	→ F	→ F	→ Ab
Functional Voice-Leading		→ D	→ F	→ G	→ G	→ G	→ B	→ C
		→ G	→ Ab	→ Ab	→ Ab	→ C	→ D	→ D
		→ C	→ C	→ Eb	→ F	→ F	→ F	→ Ab
		→ B	→ B	→ B	→ D	→ Eb	→ Eb	→ Eb
	5 → 7	→ C	→ C	→ Eb	→ F	→ F	→ F	→ Ab
	7 — 1	→ D	→ F	→ G	→ G	→ G	→ B	→ C
	2 → 5	→ B	→ B	→ B	→ D	→ Eb	→ Eb	→ Eb
	1 — 2	→ G	→ Ab	→ Ab	→ Ab	→ C	→ D	→ D
	→ B	→ B	→ B	→ D	→ Eb	→ Eb	→ Eb	
	→ C	→ C	→ Eb	→ F	→ F	→ F	→ Ab	
	→ G	→ Ab	→ Ab	→ Ab	→ C	→ D	→ D	
	→ D	→ F	→ G	→ G	→ G	→ B	→ C	



M.S.R.P. C C Eb F F

||: C C Eb F F F Ab B B B D Eb Eb Eb G Ab Ab Ab C D D D F G G G B C :||

↓ ↓ ↓ ↓

1 7 5 2

Chord Family: Triad I
B.N.

Cycle: 7

Scale: C harmonic minor

Voicing Type: Drop 2 & 4

**Intervallic
Voice-Leading**

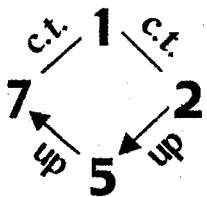
7 — c.t.
2 → 3rd
5 → 2nd
1 — c.t.

	<u>G</u>	<u>Fm</u>	<u>Eb+</u>	<u>D°</u>	<u>Cm</u>	<u>B°</u>	<u>Ab</u>
	C	B	Ab	G	F	Eb	D
→	B	— B	— B	→ D	→ Eb	— Eb	— Eb →
• —	D	→ F	→ G	— G	— G	→ B	→ C —
• →	G	→ Ab	— Ab	— Ab	→ C	→ D	— D —
—	C	— C	→ Eb	→ F	— F	— F	→ Ab →

**Functional
Voice-Leading**

7 — 1
2 → 5
5 → 7
1 — 2

→	G	→ Ab	— Ab	— Ab	→ C	→ D	— D —
—	C	— C	→ Eb	→ F	— F	— F	→ Ab →
—	D	→ F	→ G	— G	— G	→ B	→ C —
→	B	— B	— B	→ D	→ Eb	— Eb	— Eb →
—	C	— C	→ Eb	→ F	— F	— F	→ Ab →
→	G	→ Ab	— Ab	— Ab	→ C	→ D	— D —
—	C	— C	→ Eb	→ F	— F	— F	→ Ab →
→	G	→ Ab	— Ab	— Ab	→ C	→ D	— D —
→	B	— B	— B	→ D	→ Eb	— Eb	— Eb →
—	D	→ F	→ G	— G	— G	→ B	→ C —



M.S.R.P. C C E^b F F

||: C C E^b F F F A^b B B B D E^b E^b E^b G A^b A^b A^b C D D D F G G G B C:||



Chord Family: Triad I
B.N.

Cycle: 7

Scale: C harmonic minor

Voicing Type: Double Drop 2,

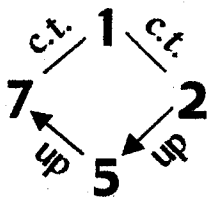
Drop 3

**Intervallic
Voice-Leading**

2 → 3rd
5 → 2nd
7 — c.t.
1 — c.t.

**Functional
Voice-Leading**

2 → 5
5 → 7
7 — 1
1 — 2



	<u>G</u>	<u>Fm</u>	<u>Eb+</u>	<u>D°</u>	<u>Cm</u>	<u>B°</u>	<u>Ab</u>
	C	B	Ab	G	F	Eb	D
—	D →	F →	G —	G —	G →	B →	C —
• →	G →	Ab —	Ab —	Ab →	C →	D —	D —
• →	B —	B —	B →	D →	Eb —	Eb —	Eb →
—	C —	C →	Eb →	F —	F —	F →	Ab →
—	C —	C →	Eb →	F —	F —	F →	Ab →
—	D →	F →	G —	G —	G →	B →	C —
→	G →	Ab —	Ab —	Ab →	C →	D —	D —
→	B —	B —	B →	D →	Eb —	Eb —	Eb →
→	B —	B —	B →	D →	Eb —	Eb —	Eb →
→	B —	B —	B →	D →	Eb —	Eb —	Eb →
—	C —	C →	Eb →	F —	F —	F →	Ab →
—	D →	F →	G —	G —	G →	B →	C —
→	G →	Ab —	Ab —	Ab →	C →	D —	D —
→	G →	Ab —	Ab —	Ab →	C →	D —	D —
→	B —	B —	B →	D →	Eb —	Eb —	Eb →
→	B —	B —	B →	D →	Eb —	Eb —	Eb →
—	C —	C →	Eb →	F —	F —	F →	Ab →
—	D →	F →	G —	G —	G →	B →	C —

M.S.R.P. C C Eb F F

||: C C Eb F F F Ab B B B D Eb Eb Eb G Ab Ab Ab C D D D F G G G B C :||



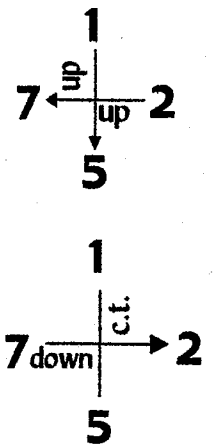
Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$

Cycle: 5

Scale: C harmonic minor

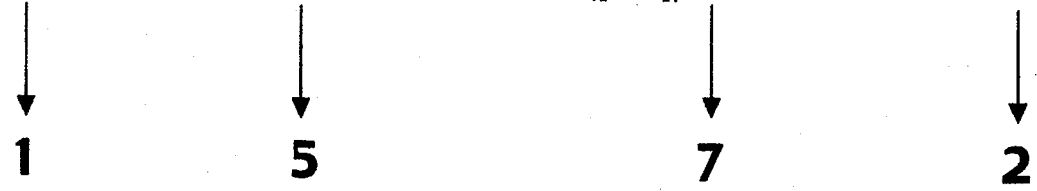
Type: 4-way close

	$\frac{G}{C}$	$\frac{D^\circ}{G}$	$\frac{A_b}{D}$	$\frac{E_b^\pm}{A_b}$	$\frac{B^\circ}{E_b}$	$\frac{F_m}{B}$	$\frac{C_m}{F}$
Intervallic							
Voice-Leading							
7 → 2nd	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
5 — c.t.	→ G	→ G	→ A _b	→ A _b	→ B	→ B	→ C
2 → 3rd	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
1 → 2nd	→ C	→ D	→ D	→ E _b	→ E _b	→ F	→ F
	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
	→ C	→ D	→ D	→ E _b	→ E _b	→ F	→ F
Functional	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
Voice-Leading	→ G	→ G	→ A _b	→ A _b	→ B	→ B	→ C
7 → 2	→ C	→ D	→ D	→ E _b	→ E _b	→ F	→ F
5 — 1	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
2 → 7	→ G	→ G	→ A _b	→ A _b	→ B	→ B	→ C
1 → 5	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
	→ G	→ G	→ A _b	→ A _b	→ B	→ B	→ C
	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
	→ C	→ D	→ D	→ E _b	→ E _b	→ F	→ F
	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b



M.S.R.P. 1) $\overline{CDDE_b E_b}$ 2) $\overline{B A_b C B D}$

1) $\parallel: CDD E_b E_b F FGG A_b A_b BBC: \parallel$ 2) $\parallel: B A_b C BDC E_b DFE_b GF A_b G: \parallel$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I
Type: Drop 2

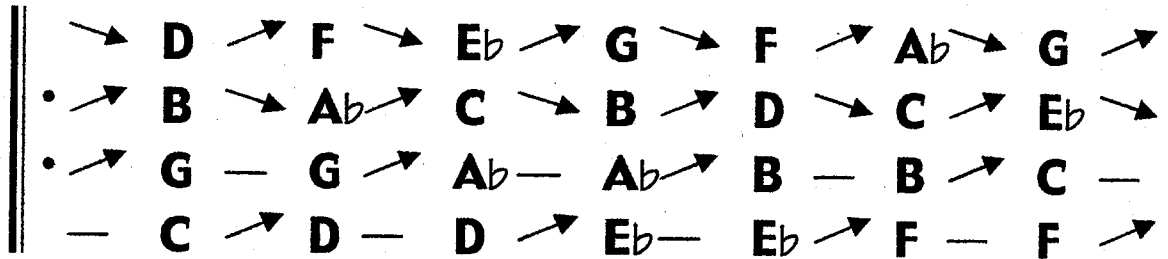
Cycle: 5

Scale: C harmonic minor

$\frac{G}{C}$ $\frac{D^\circ}{G}$ $\frac{A^b}{D}$ $\frac{E^b+}{A^b}$ $\frac{B^\circ}{E^b}$ $\frac{F^m}{B}$ $\frac{C^m}{F}$

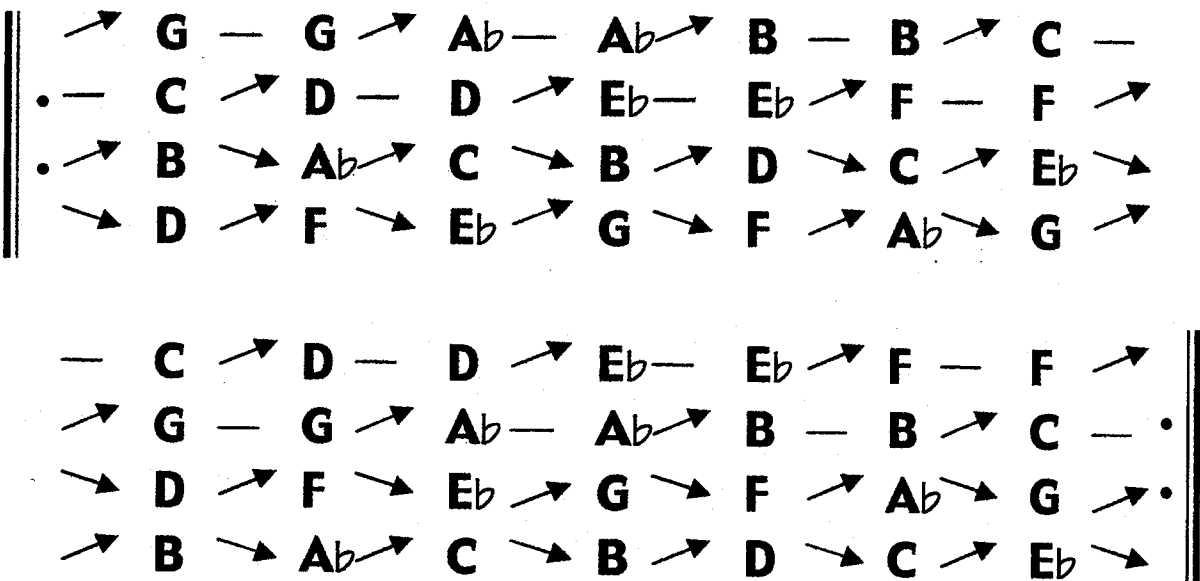
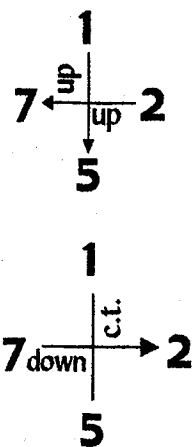
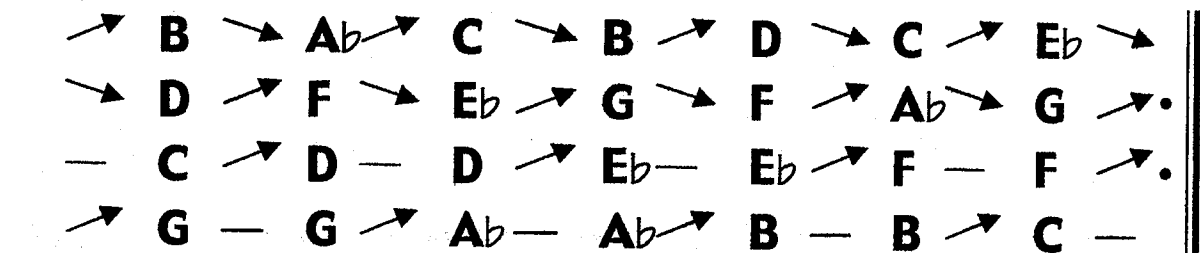
**Intervallic
Voice-Leading**

2 → 3rd
 7 → 2nd
 5 — c.t.
 1 → 2nd



**Functional
Voice-Leading**

2 → 7
 7 → 2
 5 — 1
 1 → 5



M.S.R.P. 1) $\overline{CDDE^b} E^b$ 2) $\overline{B A^b C B D}$

1) ||: C D D E^b E^b F F G G A^b A^b B B C :|| 2) ||: B A^b C B D C E^b D F E^b G F A^b G :||

↓
1

↓
5

↓
7

↓
2

Chord Family: Triad I
B.N.
Type: Drop 3

Cycle: 5

Scale: C harmonic minor

	<u>G</u>	<u>D^o</u>	<u>A^b</u>	<u>E^b±</u>	<u>B^o</u>	<u>F^m</u>	<u>C^m</u>
	C	G	D	A ^b	E ^b	B	F
Intervallic							
Voice-Leading							
5 — c.t.							
2 → 3rd							
7 ↘ 2nd							
1 → 2nd							
Functional							
Voice-Leading							
5 — 1							
2 → 7							
7 ↘ 2							
1 → 5							
1							
7 ^{up} ↖							
2							
5							
1							
7 ^{down} ↘							
2							
5							

M.S.R.P. 1) $\overline{CDDE^b} E^b$ 2) $\overline{B A^b C B D}$

1) ||: CDD E^bE^b F FGG A^bA^b BBC :|| 2) ||: B A^b CBDC E^bDFE^bGF A^bG :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

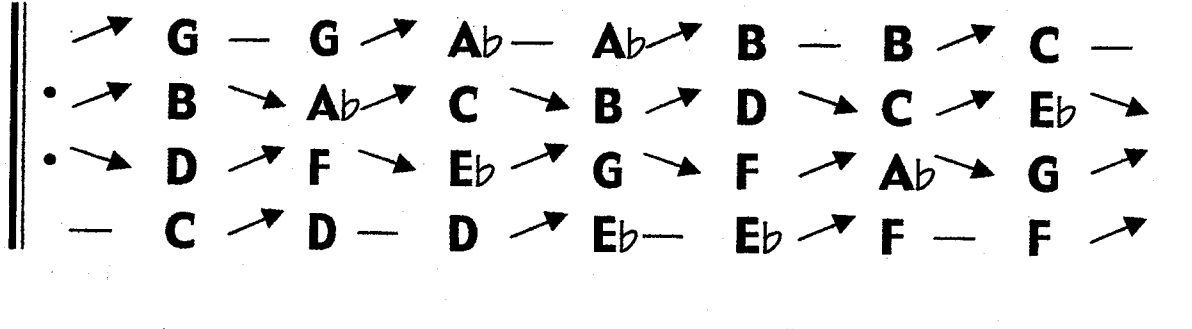
Cycle: 5

Scale: C harmonic minor

Type: Drop 2 & 3

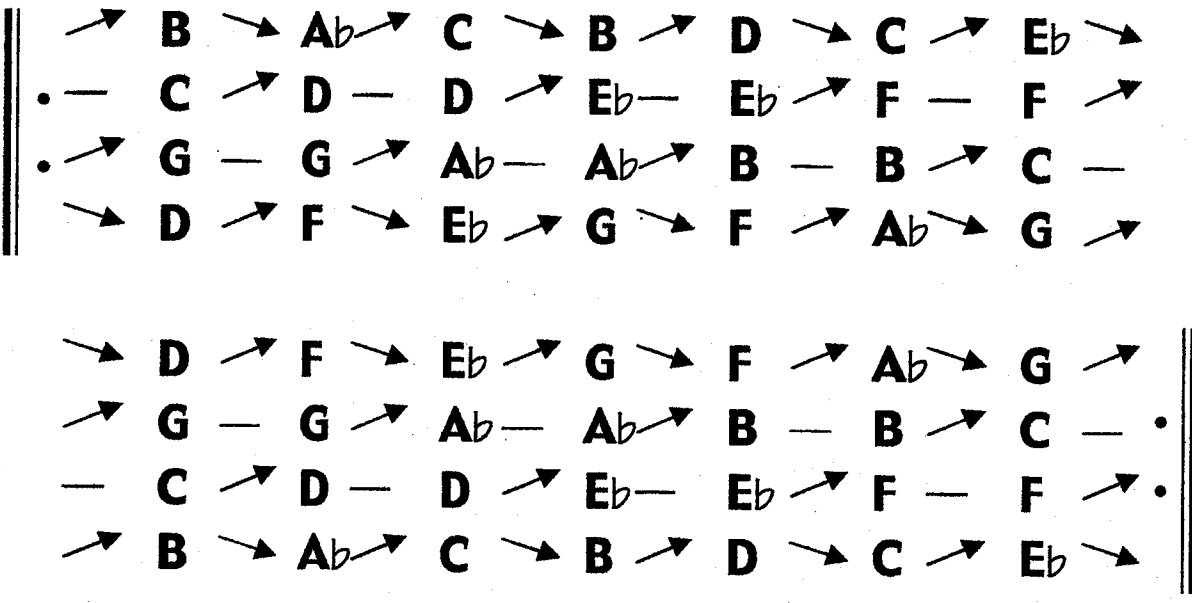
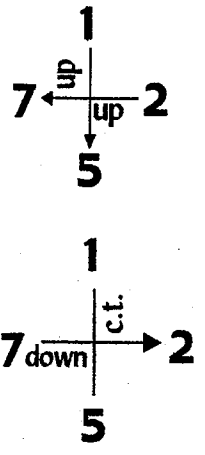
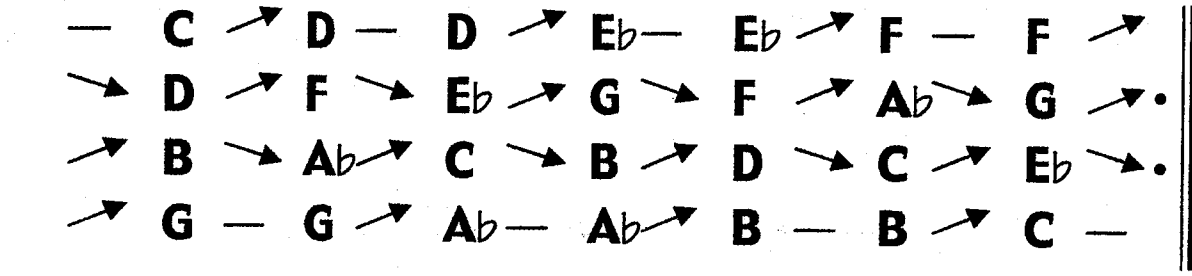
$\frac{G}{C}$ $\frac{D^\circ}{G}$ $\frac{A^b}{D}$ $\frac{E^b+}{A^b}$ $\frac{B^\circ}{E^b}$ $\frac{F^m}{B}$ $\frac{C^m}{F}$

**Intervallic
Voice-Leading**
5 — c.t.
7 ↘ 2nd
2 ↗ 3rd
1 ↗ 2nd



**Functional
Voice-Leading**

5 — 1
7 ↘ 2
2 ↗ 7
1 ↗ 5



M.S.R.P. 1) $\overline{CDDE^b} E^b$ 2) $\overline{B A^b C B D}$

1) $\parallel: CDD E^b E^b F FGG A^b A^b BBC: \parallel$ 2) $\parallel: B A^b CBDC E^b DFE^b GFA^b G: \parallel$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ I

Cycle: 5

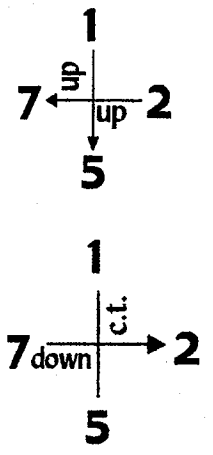
Scale: C harmonic minor

Type: Drop 2 & 4

	$\frac{G}{C}$	$\frac{D^\circ}{G}$	$\frac{A_b}{D}$	$\frac{E_b^\pm}{A_b}$	$\frac{B^\circ}{E_b}$	$\frac{F_m}{B}$	$\frac{C_m}{F}$
Intervallic							
Voice-Leading	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
7 → 2nd	• → D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
2 → 3rd	• → G	— G	→ A _b	→ A _b	— B	→ B	→ C
5 — c.t.	— C	→ D	— D	→ E _b	→ E _b	→ F	→ F
1 → 2nd							

	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
	→ B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
Functional	— C	→ D	— D	→ E _b	→ E _b	→ F	→ F
Voice-Leading	→ G	— G	→ A _b	→ A _b	— B	→ B	→ C

7 → 2	— C	→ D	— D	→ E _b	→ E _b	→ F	→ F
2 → 7	• → G	— G	→ A _b	→ A _b	— B	→ B	→ C
5 — 1	• → B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
1 → 5	→ D	→ F	→ E _b	→ G	→ F	→ A _b	→ G



M.S.R.P. 1) $\overbrace{CDDE_b E_b}$ 2) $\overbrace{B A_b C B D}$

1) ||: CDD E_bE_b FFG A_bA_b BBC: || 2) ||: B A_bCBDC E_bDFE_bGF A_bG: ||

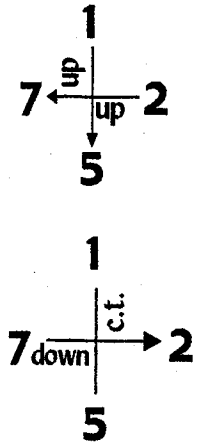


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ I}$
Type: Double Drop 2,
 Drop 3

Cycle: 5

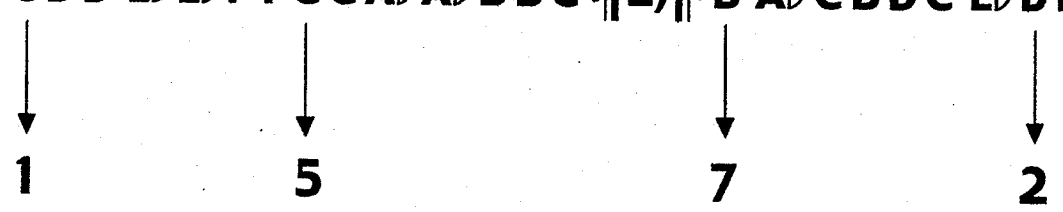
Scale: C harmonic minor

	$\frac{G}{C}$	$\frac{D^\circ}{G}$	$\frac{A\flat}{D}$	$\frac{E\flat\sharp}{A\flat}$	$\frac{B^\circ}{E\flat}$	$\frac{Fm}{B}$	$\frac{Cm}{F}$
Intervallic Voice-Leading	→ D	→ F	→ E \flat	→ G	→ F	→ A \flat	→ G
2 → 3rd	• → G	— G	→ A \flat	— A \flat	→ B	— B	→ C
5 — c.t.	• → B	→ A \flat	→ C	→ B	→ D	→ C	→ E \flat
7 → 2nd	— C	→ D	— D	→ E \flat	→ E \flat	→ F	— F
1 → 2nd	→ B	→ A \flat	→ C	→ B	→ D	→ C	→ E \flat
	— C	→ D	— D	→ E \flat	→ E \flat	→ F	→ F
	→ D	→ F	→ E \flat	→ G	→ F	→ A \flat	→ G
Functional Voice-Leading	→ G	— G	→ A \flat	— A \flat	→ B	— B	→ C
2 → 7	• → B	→ A \flat	→ C	→ B	→ D	→ C	→ E \flat
5 — 1	• — C	→ D	— D	→ E \flat	→ E \flat	→ F	→ F
7 → 2	→ D	→ F	→ E \flat	→ G	→ F	→ A \flat	→ G
1 → 5	→ G	— G	→ A \flat	— A \flat	→ B	— B	→ C
	→ B	→ A \flat	→ C	→ B	→ D	→ C	→ E \flat
	— C	→ D	— D	→ E \flat	→ E \flat	→ F	→ F
	→ D	→ F	→ E \flat	→ G	→ F	→ A \flat	→ G
	→ G	— G	→ A \flat	— A \flat	→ B	— B	→ C
	→ B	→ A \flat	→ C	→ B	→ D	→ C	→ E \flat



M.S.R.P. 1) $\overbrace{CDDE\flat E\flat}$ 2) $\overbrace{B A\flat C B D}$

1) $\text{C D D E}\flat \text{E}\flat \text{F F G G A}\flat \text{A}\flat \text{B B C} \text{:} \parallel$ 2) $\text{B A}\flat \text{C B D C E}\flat \text{D F E}\flat \text{G F A}\flat \text{G} \text{:} \parallel$



Chord Family: Triad I
B.N.

Cycle: 3

Scale: C harmonic minor

Voicing Type: Drop 2

**Intervallic
Voice-Leading**

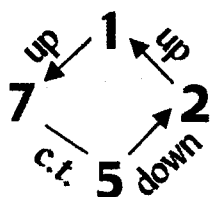
2 → 2nd
7 — c.t.
5 → 2nd
1 → 2nd

	<u>G</u> C	<u>B^o</u> E _b	<u>D^o</u> G	<u>F_m</u> B	<u>A_b</u> D	<u>C_m</u> F	<u>E_b⁺</u> A _b	
→	D	→ E _b	→ F	— F	→ E _b	→ F	→ G	—
• →	B	— B	→ A _b	→ B	→ C	— C	→ B	→
• —	G	→ F	→ G	→ A _b	→ A _b	→ G	→ A _b	→
→	C	→ D	— D	→ C	→ D	→ E _b	→ E _b	→

**Functional
Voice-Leading**

2 → 1
7 — 5
5 → 2
1 → 7

—	G	→ F	→ G	→ A _b	→ A _b	→ G	→ A _b	→
→	C	→ D	— D	→ C	→ D	→ E _b	→ E _b	→
→	B	— B	→ A _b	→ B	→ C	— C	→ B	→
→	D	→ E _b	→ F	— F	→ E _b	→ F	→ G	—
→	C	→ D	— D	→ C	→ D	→ E _b	→ E _b	→
—	G	→ F	→ G	→ A _b	→ A _b	→ G	→ A _b	→
→	C	→ D	— D	→ C	→ D	→ E _b	→ E _b	→
—	G	→ F	→ G	→ A _b	→ A _b	→ G	→ A _b	→
→	C	→ D	— D	→ C	→ D	→ E _b	→ E _b	→
→	D	→ E _b	→ F	— F	→ E _b	→ F	→ G	—
→	B	— B	→ A _b	→ B	→ C	— C	→ B	→



M.S.R.P. C D D C D

||: C D D C D E_b E_b D E_b F E_b E_b F G G F G A_b A_b G A_b B B A_b B C C B: ||

↓
1

↓
2

↓
5

↓
7

Chord Family: Triad
B.N. I
Voicing Type: Drop 2 & 4

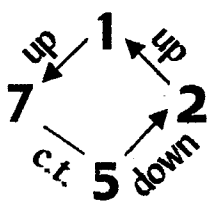
Cycle: 3

Scale: C harmonic minor

	<u>G</u>	<u>B°</u>	<u>D°</u>	<u>Fm</u>	<u>Ab</u>	<u>Cm</u>	<u>Eb+</u>
Intervallic	C	E _b	G	B	D	F	A _b
Voice-Leading	B →	B →	A _b →	B →	C →	C →	B →
7 — c.t.	D →	E _b →	F —	F →	E _b →	F →	G —
2 ↗ 2nd	G →	F →	G →	A _b →	A _b →	G →	A _b →
5 ↘ 2nd	C →	D —	D ↘	C →	D →	E _b —	E _b ↘
1 ↗ 2nd	C →	D —	D ↘	C →	D →	E _b —	E _b ↘

Functional Voice-Leading

7 — 5	C →	D —	D ↘	C →	D →	E _b —	E _b ↘
2 ↗ 1	G ↘	F →	G →	A _b —	A _b ↘	G →	A _b ↘
5 ↘ 2	B →	B →	A _b →	B →	C —	C →	B →
1 ↗ 7	D →	E _b →	F —	F →	E _b →	F →	G —
	B —	B →	A _b →	B →	C —	C →	B →
	D ↘	E _b →	F —	F →	E _b →	F →	G —
	C →	D —	D ↘	C →	D →	E _b —	E _b ↘
	G ↘	F →	G →	A _b —	A _b ↘	G →	A _b ↘



—	G →	F →	G →	A _b —	A _b ↘	G →	A _b ↘
↗	C →	D —	D ↘	C →	D →	E _b —	E _b ↘
↘	D →	E _b →	F —	F →	E _b →	F →	G —
↗	B —	B →	A _b →	B →	C —	C →	B →

M.S.R.P. C D D C D

||: C D D C D E_b E_b D E_b F E_b E_b F G G F G A_b A_b G A_b B B A_b B C C B:||

↓ ↓ ↓ ↓

1 2 5 7

Chord Family: Triad I
B.N.

Cycle: 3

Scale: C harmonic minor

Voicing Type: Double Drop 2,

Drop 3

G B^o D^o Fm Ab Cm Eb+
C Eb G B D F Ab

**Intervallic
Voice-Leading**

2 → 2nd
5 → 2nd
7 — c.t.
1 → 2nd

→	D	→	Eb	→	F	—	F	→	Eb	→	F	→	G	—
• —	G	→	F	→	G	→	Ab	—	Ab	→	G	→	Ab	→
• →	B	—	B	→	Ab	→	B	→	C	—	C	→	B	→
→	C	→	D	—	D	→	C	→	D	→	Eb	—	Eb	→

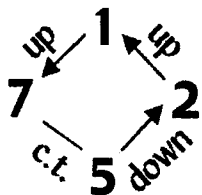
**Functional
Voice-Leading**

2 → 1
5 → 2
7 — 5
1 → 7

—	G	→	F	→	G	→	Ab	—	Ab	→	G	→	Ab	→
→	B	—	B	→	Ab	→	B	→	C	—	C	→	B	→
→	C	→	D	—	D	→	C	→	D	→	Eb	—	Eb	→
→	D	→	Eb	→	F	—	F	→	Eb	→	F	→	G	—

→	B	—	B	→	Ab	→	B	→	C	—	C	→	B	→
→	C	→	D	—	D	→	C	→	D	→	Eb	—	Eb	→
→	D	→	Eb	→	F	—	F	→	Eb	→	F	→	G	—
—	G	→	F	→	G	→	Ab	—	Ab	→	G	→	Ab	→

→	C	→	D	—	D	→	C	→	D	→	Eb	—	Eb	→
→	D	→	Eb	→	F	—	F	→	Eb	→	F	→	G	—
—	G	→	F	→	G	→	Ab	—	Ab	→	G	→	Ab	→
→	B	—	B	→	Ab	→	B	→	C	—	C	→	B	→



M.S.R.P. C D D C D

||: C D D C D Eb Eb D Eb F Eb Eb F G G F G Ab Ab G Ab B B Ab BC CB:|

↓
1

↓
2

↓
5

↓
7

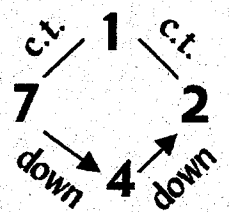
TBN II
All Voicings
All Cycles
C MAJOR

Chord Family: Triad II
B.N.
Voicing Type: 4-way close

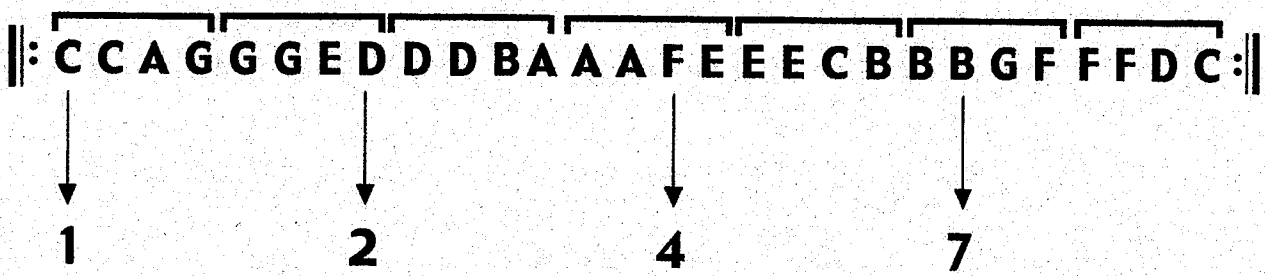
Cycle: 2

Scale: C major

	<u>B^o</u>	<u>C</u>	<u>Dm</u>	<u>Em</u>	<u>E</u>	<u>G</u>	<u>Am</u>	
	C	D	E	F	G	A	B	
Intervallic								
Voice-Leading	—	B →	G →	F —	F —	F →	D →	C —
7 → 3rd	• →	F →	E —	E —	E →	C →	B —	B —
4 → 2nd	• →	D —	D —	D →	B →	A —	A —	A →
2 — c.t.	—	C —	C →	A →	G —	G —	G →	E →
1 — c.t.								
	—	C —	C →	A →	G —	G —	G →	E →
	—	B →	G →	F —	F —	F →	D →	C —
Functional	→	F →	E —	E —	E →	C →	B —	B —
Voice-Leading	→	D —	D —	D →	B →	A —	A —	A →
7 → 4	→	D —	D —	D →	B →	A —	A —	A →
4 → 2	—	C —	C →	A →	G —	G —	G →	E →
2 — 1	—	B →	G →	F —	F —	F →	D →	C —
1 — 7	→	F →	E —	E —	E →	C →	B —	B —
	→	F →	E —	E —	E →	C →	B —	B —
	→	D —	D —	D →	B →	A —	A —	A →
	—	C —	C →	A →	G —	G —	G →	E →
	—	B →	G →	F —	F —	F →	D →	C —
	→	F →	E —	E —	E →	C →	B —	B —
	→	D —	D —	D →	B →	A —	A —	A →
	—	C —	C →	A →	G —	G —	G →	E →
	—	B →	G →	F —	F —	F →	D →	C —



M.S.R.P. CCAGG

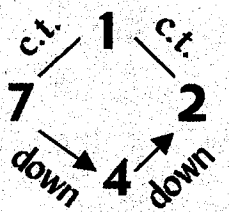


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2

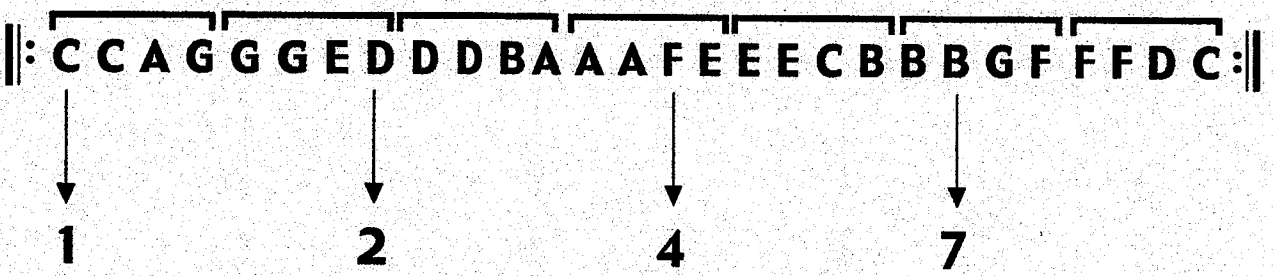
Cycle: 2

Scale: C major

	B°	C	Dm	Em	E	G	A^m
	C	D	E	F	G	A	B
Intervallic							
Voice-Leading	→	→	→	→	→	→	→
2 — c.t.	• —	• —	• —	• —	• —	• —	• —
7 ↘ 3rd	• ↘	• ↘	• ↘	• ↘	• ↘	• ↘	• ↘
4 ↘ 2nd	—	—	—	—	—	—	—
1 — c.t.	—	—	—	—	—	—	—
	D —	D —	D →	B →	A —	A —	A →
	B →	G →	F —	F —	F →	D →	C —
	F →	E —	E —	E →	C →	B —	B —
	C —	C →	A →	G —	G —	G →	E →
	F →	E —	E —	E →	C →	B —	B —
	C —	C →	A →	G —	G —	G →	E →
	B →	G →	F —	F —	F →	D →	C —
	D —	D —	D →	B →	A —	A —	A →
	B →	G →	F —	F —	F →	D →	C —
	D —	D —	D →	B →	A —	A —	A →
	C —	C →	A →	G —	G —	G →	E →
	F →	E —	E —	E →	C →	B —	B —
	C —	C →	A →	G —	G —	G →	E →
	F →	E —	E —	E →	C →	B —	B —
	D —	D —	D →	B →	A —	A —	A →
	B →	G →	F —	F —	F →	D →	C —



M.S.R.P. \overline{CCAGG}



Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 3

Cycle: 2

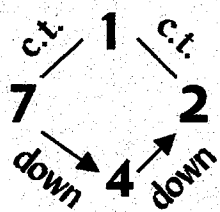
Scale: C major

**Intervallic
Voice-Leading**

4 → 2nd
 2 — c.t.
 7 → 3rd
 1 — c.t.

**Functional
Voice-Leading**

4 → 2
 2 — 1
 7 → 4
 1 — 7



	B°	C	Dm	Em	E	G	A_m
	C	D	E	F	G	A	B
	F →	E —	E —	E →	C →	B —	B —
•	D —	D —	D →	B →	A —	A —	A →
•	B →	G →	F —	F —	F →	D →	C —
—	C —	C →	A →	G —	G —	G →	E →
—	B →	G →	F —	F —	F →	D →	C —
→	F →	E —	E —	E →	C →	B —	B —
—	C —	C →	A →	G —	G —	G →	E →
→	D —	D —	D →	B →	A —	A —	A →
—	C —	C →	A →	G —	G —	G →	E →
—	B →	G →	F —	F —	F →	D →	C —
→	D —	D —	D →	B →	A —	A —	A →
→	F →	E —	E —	E →	C →	B —	B —
→	D —	D —	D →	B →	A —	A —	A →
—	C —	C →	A →	G —	G —	G →	E →
→	F →	E —	E —	E →	C →	B —	B —
—	B →	G →	F —	F —	F →	D →	C —

M.S.R.P. \overline{CCAGG}

||: CCAGGGEDDDBA AAFEECB BBGF FFDC: ||

↓
1

↓
2

↓
4

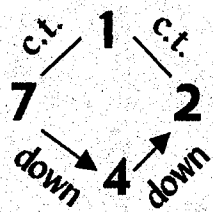
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7

Chord Family: Triad II
B.N.
Voicing Type: Drop 2 & 3

Cycle: 2

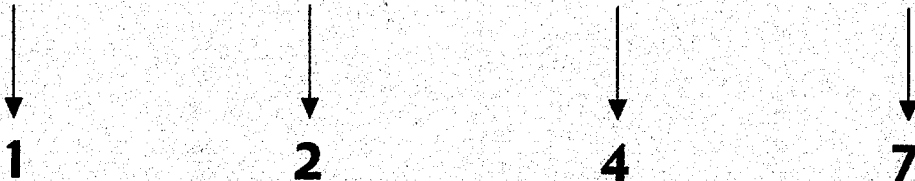
Scale: C major

	<u>B^o</u>	<u>C</u>	<u>Dm</u>	<u>Em</u>	<u>F</u>	<u>G</u>	<u>Am</u>
	C	D	E	F	G	A	B
Intervallic							
Voice-Leading							
4 → 2nd	→	→	→	→	→	→	→
7 → 3rd	•	•	•	•	•	•	•
2 — c.t.	—	—	—	—	—	—	—
1 — c.t.	—	—	—	—	—	—	—
	F	E	E	E	C	B	B
	B	G	F	F	F	D	C
	D	D	D	B	A	A	A
	C	C	A	G	G	G	E
	B	G	F	F	F	D	C
	C	C	A	G	G	G	E
Functional							
Voice-Leading							
4 → 2	→	→	→	→	→	→	→
7 → 4	→	→	→	→	→	→	→
2 — 1	—	—	—	—	—	—	—
1 — 7	→	→	→	→	→	→	→
	F	E	E	E	C	B	B
	D	D	D	B	A	A	A
	C	C	A	G	G	G	E
	D	D	D	B	A	A	A
	D	D	D	B	A	A	A
	B	G	F	F	F	D	C
	F	E	E	E	C	B	B
	D	D	D	B	A	A	A
	F	E	E	E	C	B	B
	C	C	A	G	G	G	E
	B	G	F	F	F	D	C



M.S.R.P. CCAGG

||: CCAGG GEDDB AAAF EEEC BBBG FFDC :||

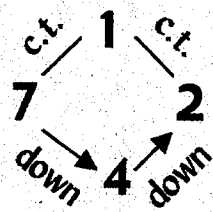


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2 & 4

Cycle: 2

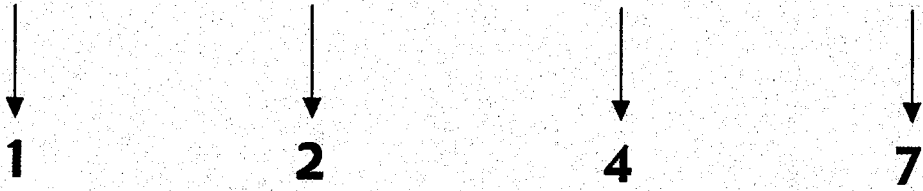
Scale: C major

	B°	C	Dm	Em	E	G	A_m	
	C	D	E	F	G	A	B	
Intervallic Voice-Leading	—	B →	G →	F —	F —	F →	D →	C —
7 → 3rd	• →	D —	D —	D →	B →	A —	A —	A →
2 — c.t.	• →	F →	E —	E —	E →	C →	B —	B —
4 → 2nd	—	C —	C →	A →	G —	G —	G →	E →
1 — c.t.	—	C —	C →	A →	G —	G —	G →	E →
	→	F →	E —	E —	E →	C →	B —	B —
Functional Voice-Leading	—	B →	G →	F —	F —	F →	D →	C —
	→	D —	D —	D →	B →	A —	A —	A →
7 → 4	→	D —	D —	D →	B →	A —	A —	A →
2 — 1	—	B →	G →	F —	F —	F →	D →	C —
4 → 2	—	C —	C →	A →	G —	G —	G →	E →
1 — 7	→	F →	E —	E —	E →	C →	B —	B —
	→	F →	E —	E —	E →	C →	B —	B —
	—	C —	C →	A →	G —	G —	G →	E →
	→	D —	D —	D →	B →	A —	A —	A →
	—	B →	G →	F —	F —	F →	D →	C —
	—	B →	G →	F —	F —	F →	D →	C —



M.S.R.P. \overline{CCAGG}

$||: CCAGGGEDDDBA AAFEEECBBBGFFFDC: ||$



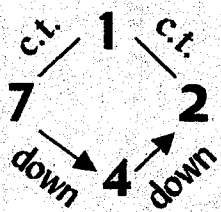
Chord Family: Triad B.N. II

Cycle: 2

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

	<u>B^o</u>	<u>C</u>	<u>Dm</u>	<u>Em</u>	<u>F</u>	<u>G</u>	<u>Am</u>
	C	D	E	F	G	A	B
Intervallic							
Voice-Leading	→ D	→ D	→ D	→ B	→ A	→ A	→ A
2 — c.t.	→ F	→ E	→ E	→ E	→ C	→ B	→ B
4 → 2nd	→ B	→ G	→ F	→ F	→ F	→ D	→ C
7 → 3rd	— C	→ C	→ A	→ G	→ G	→ G	→ E
1 — c.t.							
Functional							
Voice-Leading	→ F	→ E	→ E	→ E	→ C	→ B	→ B
2 — 1	→ B	→ G	→ F	→ F	→ F	→ D	→ C
4 → 2	→ C	→ C	→ A	→ G	→ G	→ G	→ E
7 → 4	→ D	→ D	→ D	→ B	→ A	→ A	→ A
1 — 7	→ F	→ E	→ E	→ E	→ C	→ B	→ B
	→ C	→ C	→ A	→ G	→ G	→ G	→ E
	→ D	→ D	→ D	→ B	→ A	→ A	→ A
	→ F	→ E	→ E	→ E	→ C	→ B	→ B
	→ B	→ G	→ F	→ F	→ F	→ D	→ C



M.S.R.P. **CCAGG**

CCAGG GEDDDBA AFE EECB BBGF FFDC:

↓
1

↓
2

↓
4

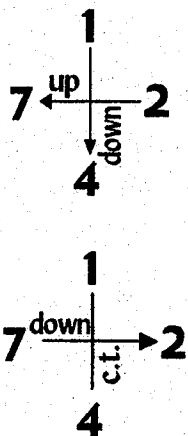
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7

Chord Family: Triad B.N. II
Voicing Type: 4-way close

Cycle: 4

Scale: C major

		<u>B^o</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>	<u>G</u>	<u>C</u>	<u>E</u>
Intervallic		C	F	B	E	A	D	G
Voice-Leading	→	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	• →	F —	F →	E —	E →	D —	D →	C —
4 — c.t.	• →	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	—	C →	B —	B →	A —	A →	G —	G →
1 → 2nd								
	→	D →	E →	C →	D →	B →	C →	A →
	—	C →	B —	B →	A —	A →	G —	G →
Functional	→	B →	G →	A →	F →	G →	E →	F →
Voice-Leading	→	F —	F →	E —	E →	D —	D →	C —
7 → 2								
4 — 1	—	C →	B —	B →	A —	A →	G —	G →
2 → 7	• →	B →	G →	A →	F →	G →	E →	F →
1 → 4	• →	F —	F →	E —	E →	D —	D →	C —
	→	D →	E →	C →	D →	B →	C →	A →
	→	F —	F →	E —	E →	D —	D →	C —
	→	D →	E →	C →	D →	B →	C →	A →
	—	C →	B —	B →	A —	A →	G —	G →
	→	B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) C B B A A 2) D E C D B

1) ||: C B B A A G G F F E E D D C :|| 2) ||: D E C D B C A B G A F G E F :||

↓
1

↓
4

↓
2

↓
7

Chord Family: Triad B.N. II
Voicing Type: Drop 2

Cycle: 4

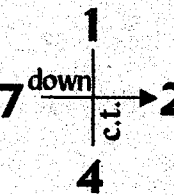
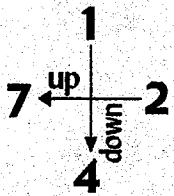
Scale: C major

**Intervallic
Voice-Leading**

2 → 2nd
 7 → 3rd
 4 — c.t.
 1 → 2nd

**Functional
Voice-Leading**

2 → 7
 7 → 2
 4 — 1
 1 → 4



	<u>B^o</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>	<u>G</u>	<u>C</u>	<u>E</u>
	C	F	B	E	A	D	G
→	D →	E →	C →	D →	B →	C →	A →
• →	B →	G →	A →	F →	G →	E →	F →
• →	F —	F →	E —	E →	D —	D →	C —
—	C →	B —	B →	A —	A →	G —	G →
→	B →	G →	A →	F →	G →	E →	F →
→	D →	E →	C →	D →	B →	C →	A →
—	C →	B —	B →	A —	A →	G —	G →
→	F —	F →	E —	E →	D —	D →	C —
→	F —	F →	E —	E →	D —	D →	C —
• →	C →	B —	B →	A —	A →	G —	G →
• →	B →	G →	A →	F →	G →	E →	F →
→	D →	E →	C →	D →	B →	C →	A →
—	C →	B —	B →	A —	A →	G —	G →
→	F —	F →	E —	E →	D —	D →	C —
→	D →	E →	C →	D →	B →	C →	A →
→	B →	G →	A →	F →	G →	E →	F →

M.S.R.P. 1) CBBA A 2) DECDB

1) ||: CBBAAGGFEEDDC: || 2) ||: DECDBCABGAFGEF: ||

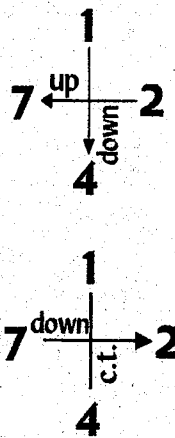


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 3

Cycle: 4

Scale: C major

		B°	E_m	A_m	D_m	G	C	E
Intervallic		C	F	B	E	A	D	G
Voice-Leading		F —	F →	E —	E →	D —	D →	C —
4 — c.t.	•	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	•	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	—	C →	B —	B →	A —	A →	G —	G →
1 → 2nd								
		C →	B —	B →	A —	A →	G —	G →
	→	B →	G →	A →	F →	G →	E →	F →
Functional	→	D →	E →	C →	D →	B →	C →	A →
Voice-Leading	→	F —	F →	E —	E →	D —	D →	C —
4 — 1								
2 → 7		B →	G →	A →	F →	G →	E →	F →
7 → 2	•	F —	F →	E —	E →	D —	D →	C —
1 → 4	•	C →	B —	B →	A —	A →	G —	G →
	→	D →	E →	C →	D →	B →	C →	A →
	→	D →	E →	C →	D →	B →	C →	A →
	—	C →	B —	B →	A —	A →	G —	G →
	→	F —	F →	E —	E →	D —	D →	C —
	→	B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) \overline{CBBA} A 2) \overline{DECDB}

1) ||: CBBAAGGFEEDDC: || 2) ||: DECDBCABGAFGEF: ||

↓
↓
↓
↓

1
4
2
7

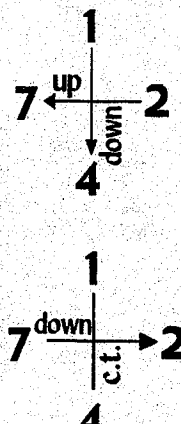
Chord Family: Triad $\frac{\text{B.N.}}{\text{II}}$

Cycle: 4

Scale: C major

Voicing Type: Drop 2 & 3

		B°	E_m	A_m	D_m	G	C	E
Intervallic		C	F	B	E	A	D	G
Voice-Leading		F —	F →	E —	E →	D —	D →	C —
4 — c.t.	•	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	•	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	—	C →	B —	B →	A —	A →	G —	G →
1 → 2nd								
		C →	B —	B →	A —	A →	G —	G →
		D →	E →	C →	D →	B →	C →	A →
Functional		B →	G →	A →	F →	G →	E →	F →
Voice-Leading		F —	F →	E —	E →	D —	D →	C —
4 — 1		B →	G →	A →	F →	G →	E →	F →
7 → 2	•	C →	B —	B →	A —	A →	G —	G →
2 → 7	•	F —	F →	E —	E →	D —	D →	C —
1 → 4	•	D →	E →	C →	D →	B →	C →	A →
		D →	E →	C →	D →	B →	C →	A →
		F —	F →	E —	E →	D —	D →	C —
		C →	B —	B →	A —	A →	G —	G →
		B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) $\overline{CBBA} \overline{AA}$ 2) \overline{DECDB}

1) ||: CBBAAGGFEEDDC: || 2) ||: DECDB CABGAFGEF: ||



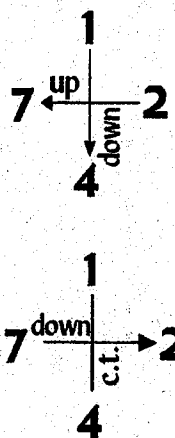
Chord Family: Triad B.N. II

Cycle: 4

Scale: C major

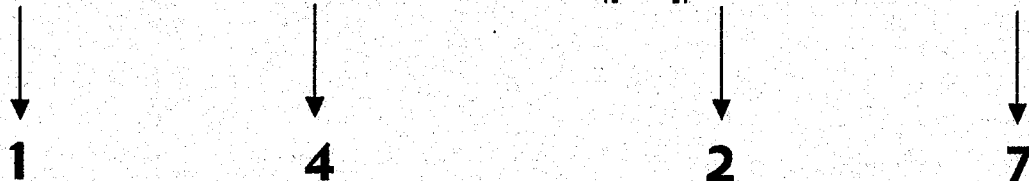
Voicing Type: Drop 2 & 4

	<u>B^o</u>	<u>Em</u>	<u>Am</u>	<u>Dm</u>	<u>G</u>	<u>C</u>	<u>E</u>
Intervallic	C	F	B	E	A	D	G
Voice-Leading	B →	G →	A →	F →	G →	E →	F →
7 → 3rd	D →	E →	C →	D →	B →	C →	A →
2 → 2nd	F —	F →	E —	E →	D —	D →	C —
4 — c.t.	C →	B —	B →	A —	A →	G —	G →
1 → 2nd							
	D →	E →	C →	D →	B →	C →	A →
	B →	G →	A →	F →	G →	E →	F →
Functional	C →	B —	B →	A —	A →	G —	G →
Voice-Leading	F —	F →	E —	E →	D —	D →	C —
7 → 2							
2 → 7	C →	B —	B →	A —	A →	G —	G →
4 — 1	F —	F →	E —	E →	D —	D →	C —
1 → 4	B →	G →	A →	F →	G →	E →	F →
	D →	E →	C →	D →	B →	C →	A →
	F —	F →	E —	E →	D —	D →	C —
	C →	B —	B →	A —	A →	G —	G →
	D →	E →	C →	D →	B →	C →	A →
	B →	G →	A →	F →	G →	E →	F →



M.S.R.P. 1) CBBA A 2) DECDB

1) ||: C B B A A G G F F E E D D C :|| 2) ||: D E C D B C A B G A F G E F :||



Chord Family: Triad B.N. II

Cycle: 4

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

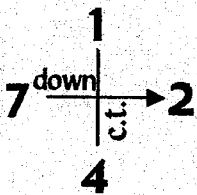
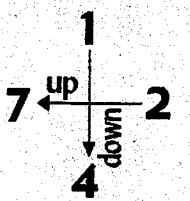
2 → 2nd
4 — c.t.
7 → 3rd
1 → 2nd

	B ^o	Em	Am	Dm	G	C	E
	C	F	B	E	A	D	G
→	D →	E →	C →	D →	B →	C →	A →
• →	F —	F →	E —	E →	D —	D →	C —
• →	B →	G →	A →	F →	G →	E →	F →
—	C →	B —	B →	A —	A →	G —	G →

**Functional
Voice-Leading**

2 → 7
4 — 1
7 → 2
1 → 4

→	B →	G →	A →	F →	G →	E →	F →
—	C →	B —	B →	A —	A →	G —	G →
→	D →	E →	C →	D →	B →	C →	A →
→	F —	F →	E —	E →	D —	D →	C —



→	F —	F →	E —	E →	D —	D →	C —
• →	B →	G →	A →	F →	G →	E →	F →
• —	C →	B —	B →	A —	A →	G —	G →
→	D →	E →	C →	D →	B →	C →	A →
—	C →	B —	B →	A —	A →	G —	G →
→	D →	E →	C →	D →	B →	C →	A →
→	F —	F →	E —	E →	D —	D →	C —
→	B →	G →	A →	F →	G →	E →	F →

M.S.R.P. 1) C B B A A 2) D E C D B

1) ||: C B B A A G G F F E D D C :|| 2) ||: D E C D B C A B G A F G E F :||

↓
1

↓
4

↓
2

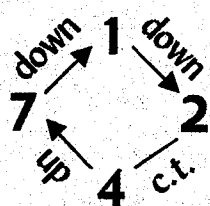
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7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: 4-way close

Cycle: 6

Scale: C major

		B°	G	Em	C	Am	F	Dm
Intervallic		C	A	F	D	B	G	E
Voice-Leading	→	B	A	G	G	A	G	F
7 → 2nd	• —	F	G	F	E	E	F	E
4 → 2nd	• →	D	D	E	D	C	C	D
2 — c.t.	→	C	B	B	C	B	A	A
1 → 2nd	→	F	G	F	E	E	F	E
	→	D	D	E	D	C	C	D
Functional	→	C	B	B	C	B	A	A
Voice-Leading	→	B	A	G	G	A	G	F
7 → 1	→	D	D	E	D	C	C	D
4 → 7	→	C	B	B	C	B	A	A
2 — 4	→	B	A	G	G	A	G	F
1 → 2	→	F	G	F	E	E	F	E
	→	C	B	B	C	B	A	A
	→	B	A	G	G	A	G	F
	→	F	G	F	E	E	F	E
	→	D	D	E	D	C	C	D



M.S.R.P. \overline{CBBCB}

$||: CBBCBAABAGGA GFFG FEEF EDDE DCCD: ||$

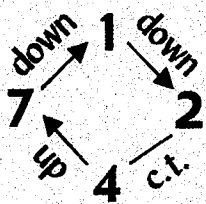


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2

Cycle: 6

Scale: C major

		<u>B^o</u>	<u>G</u>	<u>Em</u>	<u>C</u>	<u>Am</u>	<u>E</u>	<u>Dm</u>
Intervallic		C	A	F	D	B	G	E
Voice-Leading		D —	D →	E →	D →	C —	C →	D →
2 — c.t.	• →	B →	A →	G —	G →	A →	G →	F —
7 → 2nd	• —	F →	G →	F →	E —	E →	F →	E →
4 → 2nd	→	C →	B —	B →	C →	B →	A —	A →
1 → 2nd								
		C →	B —	B →	C →	B →	A —	A →
		F →	G →	F →	E —	E →	F →	E →
Functional		D —	D →	E →	D →	C —	C →	D →
Voice-Leading	→	B →	A →	G —	G →	A →	G →	F —
2 — 4								
7 → 1	→	B →	A →	G —	G →	A →	G →	F —
4 → 7	→	D —	D →	E →	D →	C —	C →	D →
1 → 2	→	C →	B —	B →	C →	B →	A —	A →
		F →	G →	F →	E —	E →	F →	E →
		C →	B —	B →	C →	B →	A —	A →
		B →	A →	G —	G →	A →	G →	F —
		D —	D →	E →	D →	C —	C →	D →



M.S.R.P. $\overline{\text{C B B C B}}$

||: **C B B C B A A B A G G A G F F G F E E F E D D E D C C D**:||

↓
1

↓
7

↓
4

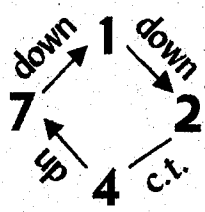
↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 3

Cycle: 6

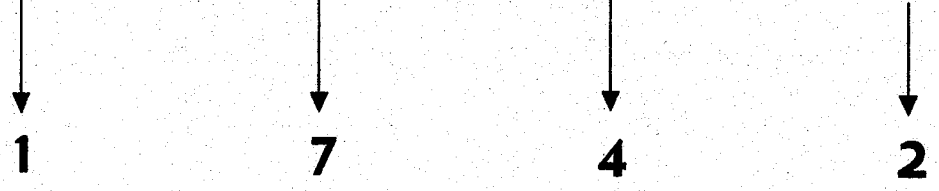
Scale: C major

		B°	G	Em	C	Am	E	Dm
Intervallic		C	A	F	D	B	G	E
Voice-Leading	—	F →	G →	F →	E —	E →	F →	E →
4 → 2nd	• →	D —	D →	E →	D →	C —	C →	D →
2 — c.t.	• →	B →	A →	G —	G →	A →	G →	F —
7 → 2nd	→	C →	B —	B →	C →	B →	A —	A →
1 → 2nd								
	→	D —	D →	E →	D →	C —	C →	D →
	→	C →	B —	B →	C →	B →	A —	A →
Functional	—	F →	G →	F →	E —	E →	F →	E →
Voice-Leading	→	B →	A →	G —	G →	A →	G →	F —
4 → 7								
2 — 4	→	C →	B —	B →	C →	B →	A —	A →
7 → 1	→	B →	A →	G —	G →	A →	G →	F —
1 → 2	→	D —	D →	E →	D →	C —	C →	D →
	—	F →	G →	F →	E —	E →	F →	E →
	→	B →	A →	G —	G →	A →	G →	F —
	—	F →	G →	F →	E —	E →	F →	E →
	→	C →	B —	B →	C →	B →	A —	A →
	→	D —	D →	E →	D →	C —	C →	D →



M.S.R.P. \overline{CBBCB}

||: **C B B C B A A B A G G A G F F G F E E F E D D E D C C D** :||



Chord Family: Triad B.N. II

Cycle: 6

Scale: C major

Voicing Type: Drop 2 & 3

**Intervallic
Voice-Leading**

4 → 2nd

7 → 2nd

2 — c.t.

1 → 2nd

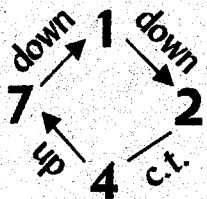
**Functional
Voice-Leading**

4 → 7

7 → 1

2 — 4

1 → 2



	<u>B^o</u> C	<u>G</u> A	<u>Em</u> F	<u>C</u> D	<u>Am</u> B	<u>E</u> G	<u>Dm</u> E
—	F →	G →	F →	E —	E →	F →	E →
• →	B →	A →	G —	G →	A →	G →	F —
• →	D —	D →	E →	D →	C —	C →	D →
→	C →	B —	B →	C →	B →	A —	A →
→	D —	D →	E →	D →	C —	C →	D →
—	F →	G →	F →	E —	E →	F →	E →
→	C →	B —	B →	C →	B →	A —	A →
→	B →	A →	G —	G →	A →	G →	F —
→	C →	B —	B →	C →	B →	A —	A →
→	D —	D →	E →	D →	C —	C →	D →
→	B →	A →	G —	G →	A →	G →	F —
—	F →	G →	F →	E —	E →	F →	E →
→	B →	A →	G —	G →	A →	G →	F —
→	C →	B —	B →	C →	B →	A —	A →
—	F →	G →	F →	E —	E →	F →	E →
→	D —	D →	E →	D →	C —	C →	D →

M.S.R.P. C B B C B

||: C B B C B A A B A G G A G F F G F E E F E D D E D C C D :||

↓
1

↓
7

↓
4

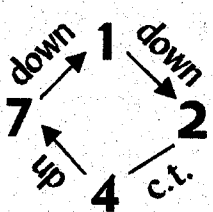
↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 6

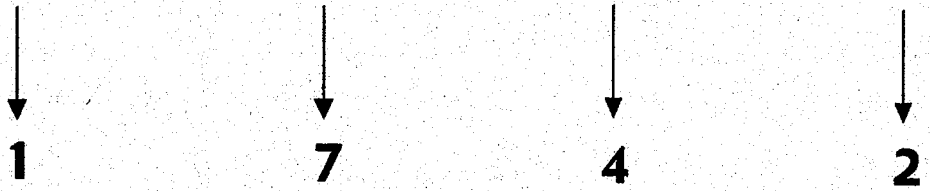
Scale: C major

	B^o	G	Em	C	Am	F	Dm
Intervallic	C	A	F	D	B	G	E
Voice-Leading	B →	A →	G —	G →	A →	G →	F —
7 → 2nd	D —	D →	E →	D →	C —	C →	D →
2 — c.t.	F →	G →	F →	E —	E →	F →	E →
4 → 2nd	C →	B —	B →	C →	B →	A —	A →
1 → 2nd	F →	G →	F →	E —	E →	F →	E →
	C →	B —	B →	C →	B →	A —	A →
	D —	D →	E →	D →	C —	C →	D →
Functional	B →	A →	G —	G →	A →	G →	F —
Voice-Leading	D —	D →	E →	D →	C —	C →	D →
7 → 1	B →	A →	G —	G →	A →	G →	F —
2 — 4	C →	B —	B →	C →	B →	A —	A →
4 → 7	F →	G →	F →	E —	E →	F →	E →
1 → 2	C →	B —	B →	C →	B →	A —	A →
	F →	G →	F →	E —	E →	F →	E →
	C →	B —	B →	C →	B →	A —	A →
	F →	G →	F →	E —	E →	F →	E →
	B →	A →	G —	G →	A →	G →	F —
	D —	D →	E →	D →	C —	C →	D →



M.S.R.P. $\overline{\text{C B B C B}}$

||: C B B C B A A B A G G A G F F G F E E F E D D E D C C D :||



Chord Family: Triad B.N. II
Voicing Type: 4-way close

Cycle: 7

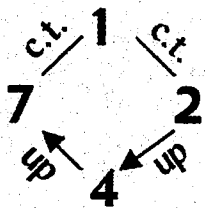
Scale: C major

**Intervallic
Voice-Leading**

7 — 2nd
 4 → 3rd
 2 → c.t.
 1 — c.t.

**Functional
Voice-Leading**

7 — 1
 4 → 7
 2 → 4
 1 — 2



	<u>B^o</u>	<u>Am</u>	<u>G</u>	<u>F</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>
	C	B	A	G	F	E	D
→	B—	B—	B→	C→	E—	E—	E→
• →	F→	A—	A—	A→	B→	D—	D—
• —	D→	E→	G—	G—	G→	A→	C—
—	C—	C→	D→	F—	F—	F→	G→
→	F→	A—	A—	A→	B→	D—	D—
—	D→	E→	G—	G—	G→	A→	C—
—	C—	C→	D→	F—	F—	F→	G→
→	B—	B—	B→	C→	E—	E—	E→
→	F→	A—	A—	A→	B→	D—	D—
—	C—	C→	D→	F—	F—	F→	G→
→	B—	B—	B→	C→	E—	E—	E→
→	F→	A—	A—	A→	B→	D—	D—
—	C—	C→	D→	F—	F—	F→	G→
→	B—	B—	B→	C→	E—	E—	E→
→	F→	A—	A—	A→	B→	D—	D—
—	C—	C→	D→	F—	F—	F→	G→

M.S.R.P. CCDFF

||: CCDF FFGB BBCE EEFA AAAB DDDE GGGAC :||

↓
1

↓
7

↓
4

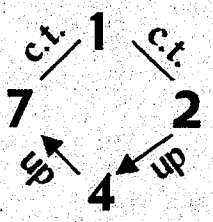
↓
2

Chord Family: Triad B.N. II
Voicing Type: Drop 2

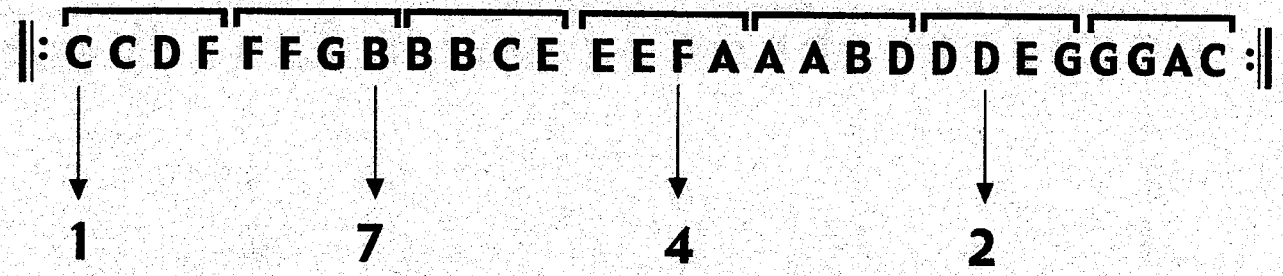
Cycle: 7

Scale: C major

	B°	A_m	G	F	E_m	D_m	C	
	C	B	A	G	F	E	D	
Intervallic Voice-Leading	—	D →	E →	G —	G —	G →	A →	C —
• →	B —	B —	B →	C →	E —	E —	E →	
• →	F →	A —	A —	A →	B →	D —	D —	
—	C —	C →	D →	F —	F —	F →	G →	
Functional Voice-Leading	—	C —	C →	D →	F —	F —	F →	G →
→	F →	A —	A —	A →	B →	D —	D —	
—	D →	E →	G —	G —	G →	A →	C —	
→	B —	B —	B →	C →	E —	E —	E →	
2 → 4	→	B —	B —	B →	C →	E —	E —	E →
7 — 1	—	D →	E →	G —	G —	G →	A →	C —
4 → 7	—	C —	C →	D →	F —	F —	F →	G →
1 — 2	→	F →	A —	A —	A →	B →	D —	D —
→	F →	A —	A —	A →	B →	D —	D —	
→	C —	C →	D →	F —	F —	F →	G →	•
→	B —	B —	B →	C →	E —	E —	E →	•
—	D →	E →	G —	G —	G →	A →	C —	



M.S.R.P. \overline{CCDF} F



Chord Family: Triad B.N. II
Voicing Type: Drop 3

Cycle: 7

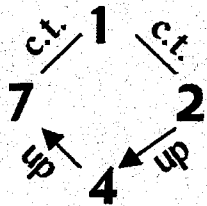
Scale: C major

Intervallic Voice-Leading

- 4 → 3rd
- 2 → 2nd
- 7 — c.t.
- 1 — c.t.

Functional Voice-Leading

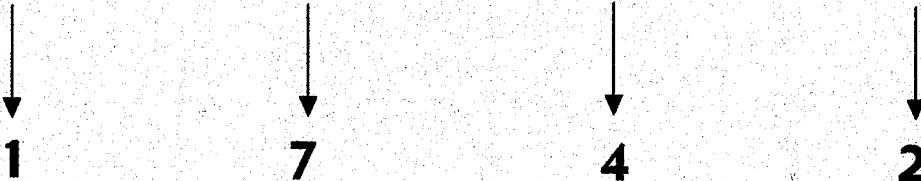
- 4 → 7
- 2 → 4
- 7 — 1
- 1 — 2



	<u>B^o</u>	<u>A^m</u>	<u>G</u>	<u>F</u>	<u>E^m</u>	<u>D^m</u>	<u>C</u>
	C	B	A	G	F	E	D
→	F →	A —	A —	A →	B →	D —	D —
• —	D →	E →	G —	G —	G →	A →	C —
• →	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —
—	C —	C →	D →	F —	F —	F →	G →
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
→	B —	B —	B →	C →	E —	E —	E →
—	D →	E →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E —	E —	E →
→	F →	A —	A —	A →	B →	D —	D —
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —

M.S.R.P. C C D F F

||: C C D F F F G B B C E E F A A B D D D E G G G A C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 7

Scale: C major

**Intervallic
Voice-Leading**

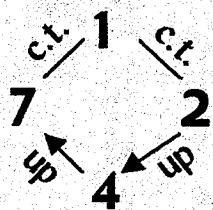
4 → 3rd
 7 — c.t.
 2 → 2nd
 1 — c.t.

	B°	A_m	G	F	E_m	D_m	C
	C	B	A	G	F	E	D
• →	F →	A —	A —	A →	B →	D —	D —
• →	B —	B —	B →	C →	E —	E —	E →
• —	D →	E →	G —	G —	G →	A →	C —
—	C —	C →	D →	F —	F —	F →	G →

**Functional
Voice-Leading**

4 → 7
 7 — 1
 2 → 4
 1 — 2

—	D →	E →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
—	C —	C →	D →	F —	F —	F →	G →
→	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —
→	B —	B —	B →	C →	E —	E —	E →
→	F →	A —	A —	A →	B →	D —	D —



→	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
→	F →	A —	A —	A →	B →	D —	D —
—	D →	E →	G —	G —	G →	A →	C —

M.S.R.P. \overline{CCDF} F

||: C C D F F F G B B B C E E E F A A A B D D D E G G G A C :||

↓
1

↓
7

↓
4

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
 Voicing Type: Drop 2 & 4

Cycle: 7

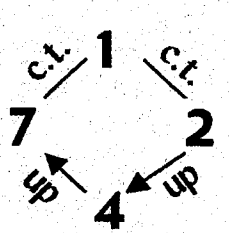
Scale: C major

Intervallic Voice-Leading

	B°	A_m	G	E	E_m	D_m	C
7 — c.t.	C	B	A	G	F	E	D
2 → 2nd	B →	B —	B →	C →	E —	E —	E →
4 → 3rd	D →	E →	G —	G —	G →	A →	C —
1 — c.t.	F →	A —	A —	A →	B →	D —	D —
	C —	C →	D →	F —	F —	F →	G →

Functional Voice-Leading

7 — 1	F →	A —	A —	A →	B →	D —	D —
2 → 4	C —	C →	D →	F —	F —	F →	G →
4 → 7	D →	E →	G —	G —	G →	A →	C —
1 — 2	B →	B —	B →	C →	E —	E —	E →
	D →	E →	G —	G —	G →	A →	C —
	B →	B —	B →	C →	E —	E —	E →
	C —	C →	D →	F —	F —	F →	G →
	F →	A —	A —	A →	B →	D —	D —



—	C —	C →	D →	F —	F —	F →	G →
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E —	E —	E →
—	D →	E →	G —	G —	G →	A →	C —

M.S.R.P. $\overline{CCDF} F$

||: CCDF FFG B B B C E E E F A A B D D D E G G G A C :||

↓ ↓ ↓ ↓

1 7 4 2

Chord Family: Triad B.N. II
Voicing Type: Double Drop 2,
 Drop 3

Cycle: 7

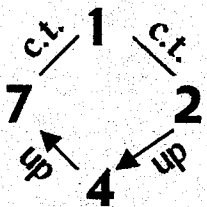
Scale: C major

**Intervallic
 Voice-Leading**

2 → 2nd
 4 → 3rd
 7 — c.t.
 1 — c.t.

**Functional
 Voice-Leading**

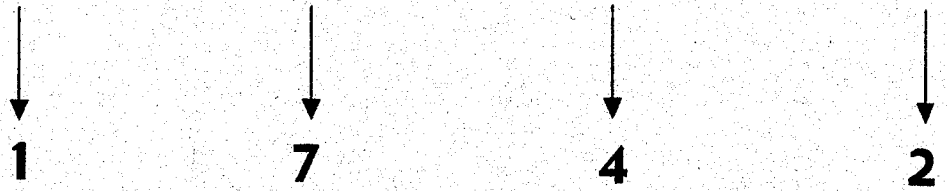
2 → 4
 4 → 7
 7 — 1
 1 — 2



	<u>B^o</u>	<u>Am</u>	<u>G</u>	<u>F</u>	<u>Em</u>	<u>Dm</u>	<u>C</u>
	C	B	A	G	F	E	D
—	D →	E →	G —	G —	G →	A →	C —
• →	F →	A —	A —	A →	B →	D —	D —
• →	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E —	E —	E →
→	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E —	E —	E →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E →	G —	G —	G →	A →	C —

M.S.R.P. CCDFF

||: CCDF FFGB BBCE EEFA AAAB DDDE GGGAC :||



Chord Family: Triad B.N. II
Voicing Type: 4-way close

Cycle: 5

Scale: C major

		<u>B^o</u>	<u>E</u>	<u>C</u>	<u>G</u>	<u>Dm</u>	<u>Am</u>	<u>Em</u>
		C	G	D	A	E	B	F
Intervallic Voice-Leading	→	B →	A →	C →	B →	D →	C →	E →
	• —	F →	G —	G →	A —	A →	B —	B →
	• →	D →	F →	E →	G →	F →	A →	G →
	→	C —	C →	D —	D →	E —	E →	F —
7 → 2nd								
4 → 2nd								
2 → 3rd								
1 — c.t.								
Functional Voice-Leading	→	D →	F →	E →	G →	F →	A →	G →
	→	C —	C →	D —	D →	E —	E →	F —
	→	B →	A →	C →	B →	D →	C →	E →
	—	F →	G —	G →	A —	A →	B —	B →
7 → 2								
4 → 1								
2 → 7								
1 — 4								
1								
7 ^{up} 2								
4								
1								
7 ^{down} 2								
4								

M.S.R.P. 1) CCDDE 2) BACBD

1) ||: C C D D E E F F G G A A B B :|| 2) ||: B A C B D C E D F E G F A G :||

↓
1

↓
4

↓
7

↓
2

Chord Family: Triad B.N. II
Voicing Type: Drop 2

Cycle: 5

Scale: C major

		<u>B^o</u>	<u>E</u>	<u>C</u>	<u>G</u>	<u>Dm</u>	<u>Am</u>	<u>Em</u>
Intervallic		C	G	D	A	E	B	F
Voice-Leading	→	D →	F →	E →	G →	F →	A →	G →
2 → 3rd	• →	B →	A →	C →	B →	D →	C →	E →
7 → 2nd	• —	F →	G —	G →	A —	A →	B —	B →
4 → 2nd	→	C —	C →	D —	D →	E —	E →	F —
1 — c.t.								
	→	B →	A →	C →	B →	D →	C →	E →
	→	D →	F →	E →	G →	F →	A →	G →
Functional	→	C —	C →	D —	D →	E —	E →	F —
Voice-Leading	—	F →	G —	G →	A —	A →	B —	B →
2 → 7	—	F →	G —	G →	A —	A →	B —	B →
7 → 2	• →	C —	C →	D —	D →	E —	E →	F —
4 → 1	• →	B →	A →	C →	B →	D →	C →	E →
1 — 4	→	D →	F →	E →	G →	F →	A →	G →
1								
7 ^{up}								
c.t.								
2								
4								
1								
7 ^{down}								
2								
4								

M.S.R.P. 1) CCDDE 2) BACBD

1) ||: C C D D E E F F G G A A B B :|| 2) ||: B A C B D C E D F E G F A G :||

↓ ↓ ↓ ↓

1 4 7 2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 3

Cycle: 5

Scale: C major

	B°	E	C	G	Dm	Am	Em	
Intervallic	C	G	D	A	E	B	F	
Voice-Leading	—	F →	G —	G →	A —	A →	B —	B →
4 → 2nd	• →	D →	F →	E →	G →	F →	A →	G →
2 → 3rd	• →	B →	A →	C →	B →	D →	C →	E →
7 ↘ 2nd	→	C —	C →	D —	D →	E —	E →	F —
1 — c.t.								
	→	C —	C →	D —	D →	E —	E →	F —
	→	B →	A →	C →	B →	D →	C →	E →
Functional	→	D →	F →	E →	G →	F →	A →	G →
Voice-Leading	—	F →	G —	G →	A —	A →	B —	B →
4 → 1	→	B →	A →	C →	B →	D →	C →	E →
2 → 7	• —	F →	G —	G →	A —	A →	B —	B →
7 ↘ 2	• →	C —	C →	D —	D →	E —	E →	F —
1 — 4	→	D →	F →	E →	G →	F →	A →	G →
1	→	D →	F →	E →	G →	F →	A →	G →
7 ^{up} 2	→	D →	F →	E →	G →	F →	A →	G →
4 c.t.	→	C —	C →	D —	D →	E —	E →	F —
1	—	F →	G —	G →	A —	A →	B —	B →
7 ^{down} 2	→	B →	A →	C →	B →	D →	C →	E →
4 up								

M.S.R.P. 1) $\overbrace{C C D D E}$ 2) $\overbrace{B A C B D}$

1) $\parallel : C C D D E E F F G G A A B B : \parallel$ 2) $\parallel : B A C B D C E D F E G F A G : \parallel$

↓
1

↓
4

↓
7

↓
2

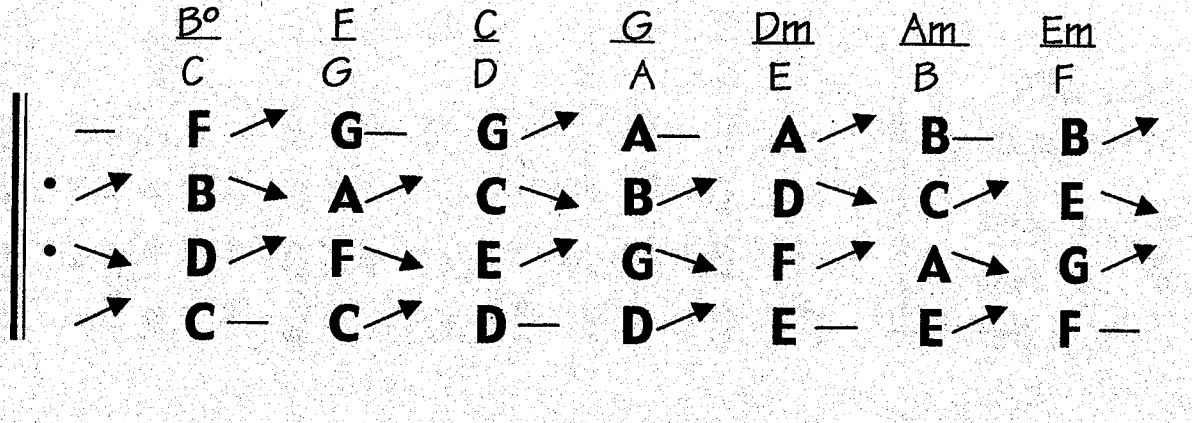
Chord Family: Triad
B.N. II
Voicing Type: Drop 2 & 3

Cycle: 5

Scale: C major

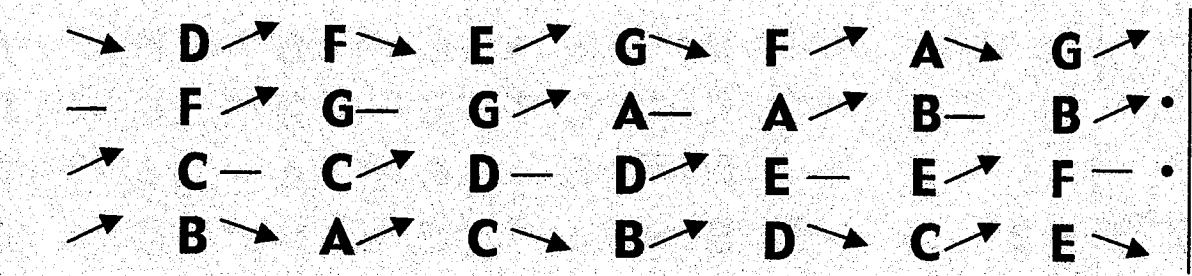
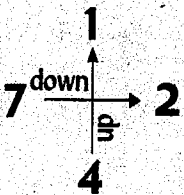
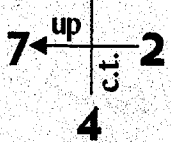
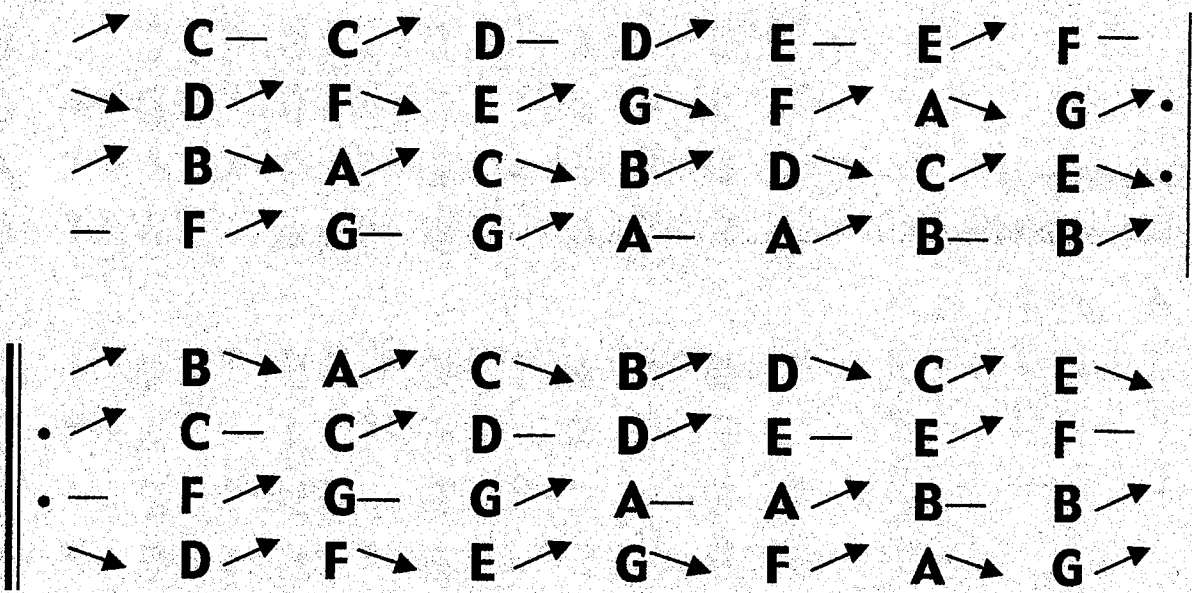
**Intervallic
Voice-Leading**

4 → 2nd
7 ↘ 2nd
2 → 3rd
1 — c.t.



**Functional
Voice-Leading**

4 → 1
7 ↘ 2
2 → 7
1 — 4



M.S.R.P. 1) CCDDE 2) BACBD

1) ||: C C D D E E F F G G A A B B :|| 2) ||: B A C B D C E D F E G F A G :||

↓
1

↓
4

↓
7

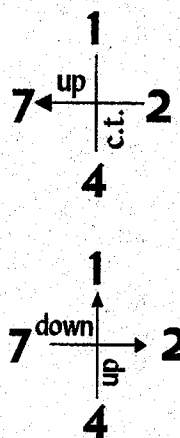
↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C major

		B°	E	C	G	Dm	Am	Em	
		C	G	D	A	E	B	F	
Intervallic	Voice-Leading	→	B →	A →	C →	B →	D →	C →	E →
		• →	D →	F →	E →	G →	F →	A →	G →
		• —	F →	G —	G →	A —	A →	B —	B →
		→	C —	C →	D —	D →	E —	E →	F —
Functional	Voice-Leading	→	D →	F →	E →	G →	F →	A →	G →
		→	B →	A →	C →	B →	D →	C →	E →
		→	C —	C →	D —	D →	E —	E →	F —
		—	F →	G —	G →	A —	A →	B —	B →
		→	C —	C →	D —	D →	E —	E →	F —
		• —	F →	G —	G →	A —	A →	B —	B →
		• →	B →	A →	C →	B →	D →	C →	E →
		→	D →	F →	E →	G →	F →	A →	G →
		—	F →	G —	G →	A —	A →	B —	B →
		→	C —	C →	D —	D →	E —	E →	F —
		→	D →	F →	E →	G →	F →	A →	G →
		→	B →	A →	C →	B →	D →	C →	E →



M.S.R.P. 1) $\overbrace{C C D D E}$ 2) $\overbrace{B A C B D}$

1) ||: C C D D E E F F G G A A B B :|| 2) ||: B A C B D C E D F E G F A G :||

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 5

Scale: C major

Voicing Type: Double Drop 2,
Drop 3

	B°	E	C	G	Dm	Am	Em
	C	G	D	A	E	B	F
Intervallic							
Voice-Leading							
2 → 3rd	D →	F →	E →	G →	F →	A →	G →
4 → 2nd	F →	G —	G →	A —	A →	B —	B →
7 ↘ 2nd	B →	A →	C ↘	B →	D ↘	C →	E ↘
1 — c.t.	C —	C →	D —	D →	E —	E →	F —
	B →	A →	C ↘	B →	D ↘	C →	E ↘
	C —	C →	D —	D →	E —	E →	F —
Functional	D →	F →	E →	G →	F →	A →	G →
Voice-Leading	F →	G —	G →	A —	A →	B —	B →
2 → 7	F →	G —	G →	A —	A →	B —	B →
4 → 1	B →	A →	C ↘	B →	D ↘	C →	E ↘
7 ↘ 2	C —	C →	D —	D →	E —	E →	F —
1 — 4	D →	F ↘	E →	G ↘	F →	A →	G →
1	C —	C →	D —	D →	E —	E →	F —
7 up	D →	F ↘	E →	G ↘	F →	A →	G →
2	F →	G —	G →	A —	A →	B —	B →
4	B →	A →	C ↘	B →	D ↘	C →	E ↘
1	C —	C →	D —	D →	E —	E →	F —
7 down	D →	F ↘	E →	G ↘	F →	A →	G →
2	F →	G —	G →	A —	A →	B —	B →
4	B →	A →	C ↘	B →	D ↘	C →	E ↘

M.S.R.P. 1) $\overline{CCDD}E$ 2) $\overline{BACB}D$

1) $|| : C C D D E E F F G G A A B B : ||$ 2) $|| : B A C B D C E D F E G F A G : ||$

↓ ↓ ↓ ↓

1 4 7 2

Chord Family: Triad B.N. II

Cycle: 3

Scale: C major

Voicing Type: 4-way close

<u>B^o</u>	<u>Dm</u>	<u>E</u>	<u>Am</u>	<u>C</u>	<u>Em</u>	<u>G</u>
C	E	G	B	D	F	A

**Intervallic
Voice-Leading**

7 → 2nd

4 — c.t.

2 → 2nd

1 → 2nd

→	B	→	A	—	A	→	B	→	C	→	B	—	B	→
•	F	—	F	→	G	→	A	→	G	—	G	→	A	→
•	D	→	E	→	F	→	E	—	E	→	F	→	G	→
→	C	→	D	→	C	—	C	→	D	→	E	→	D	—

**Functional
Voice-Leading**

7 → 4

4 — 2

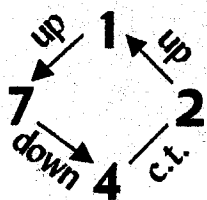
2 → 1

1 → 7

→	C	→	D	→	C	—	C	→	D	→	E	→	D	—
→	B	→	A	—	A	→	B	→	C	→	B	—	B	→
→	F	—	F	→	G	→	A	→	G	—	G	→	A	→
—	D	→	E	→	F	→	E	—	E	→	F	→	G	→

—	D	→	E	→	F	→	E	—	E	→	F	→	G	→
→	C	→	D	→	C	—	C	→	D	→	E	→	D	—
→	B	→	A	—	A	→	B	→	C	→	B	—	B	→
→	F	—	F	→	G	→	A	→	G	—	G	→	A	→

→	F	—	F	→	G	→	A	→	G	—	G	→	A	→
—	D	→	E	→	F	→	E	—	E	→	F	→	G	→
→	C	→	D	→	C	—	C	→	D	→	E	→	D	—
→	B	→	A	—	A	→	B	→	C	→	B	—	B	→



M.S.R.P. C D C C D

||: C D C C D E D D E F E E F G F F G A G G A B A A B C B B :||

↓
1

↓
2

↓
4

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2

Cycle: 3

Scale: C major

		B°	Dm	E	A_m	C	E_m	G
		C	E	G	B	D	F	A
Intervallic Voice-Leading	—	D →	E →	F →	E —	E →	F →	G →
	• →	B →	A —	A →	B →	C →	B —	B →
	• →	F —	F →	G →	A →	G —	G →	A →
	→	C →	D →	C —	C →	D →	E →	D —
Functional Voice-Leading	→	F —	F →	G →	A →	G —	G →	A →
	→	C →	D →	C —	C →	D →	E →	D —
	→	B →	A —	A →	B →	C →	B —	B →
	—	D →	E →	F →	E —	E →	F →	G →
	→	C →	D →	C —	C →	D →	E →	D —
	→	F —	F →	G →	A →	G —	G →	A →
	→	C →	D →	C —	C →	D →	E →	D —
	→	F —	F →	G →	A →	G —	G →	A →
	—	D →	E →	F →	E —	E →	F →	G →
	→	B →	A —	A →	B →	C →	B —	B →

M.S.R.P. $\overline{C D C C D}$

||: C D C C D E D D E F E E F G F F G A G G A B A A B C B B :||

↓ ↓ ↓ ↓
1 2 4 7

Chord Family: Triad II
B.N.
Voicing Type: Drop 3

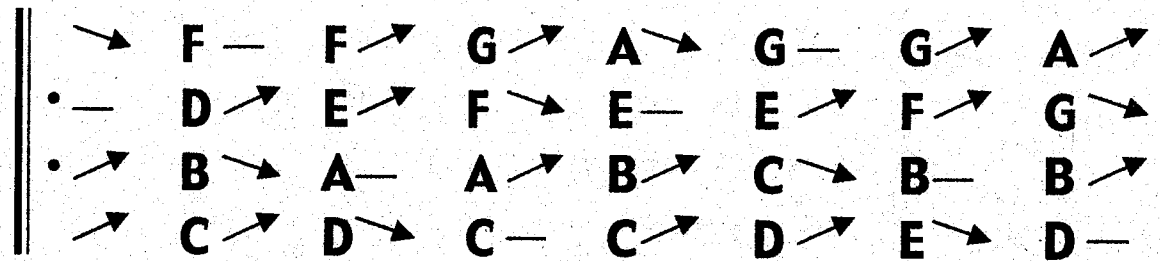
Cycle: 3

Scale: C major

B^o Dm E Am C Em G
 C E G B D F A

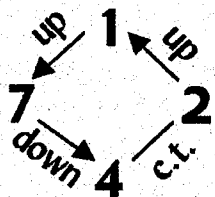
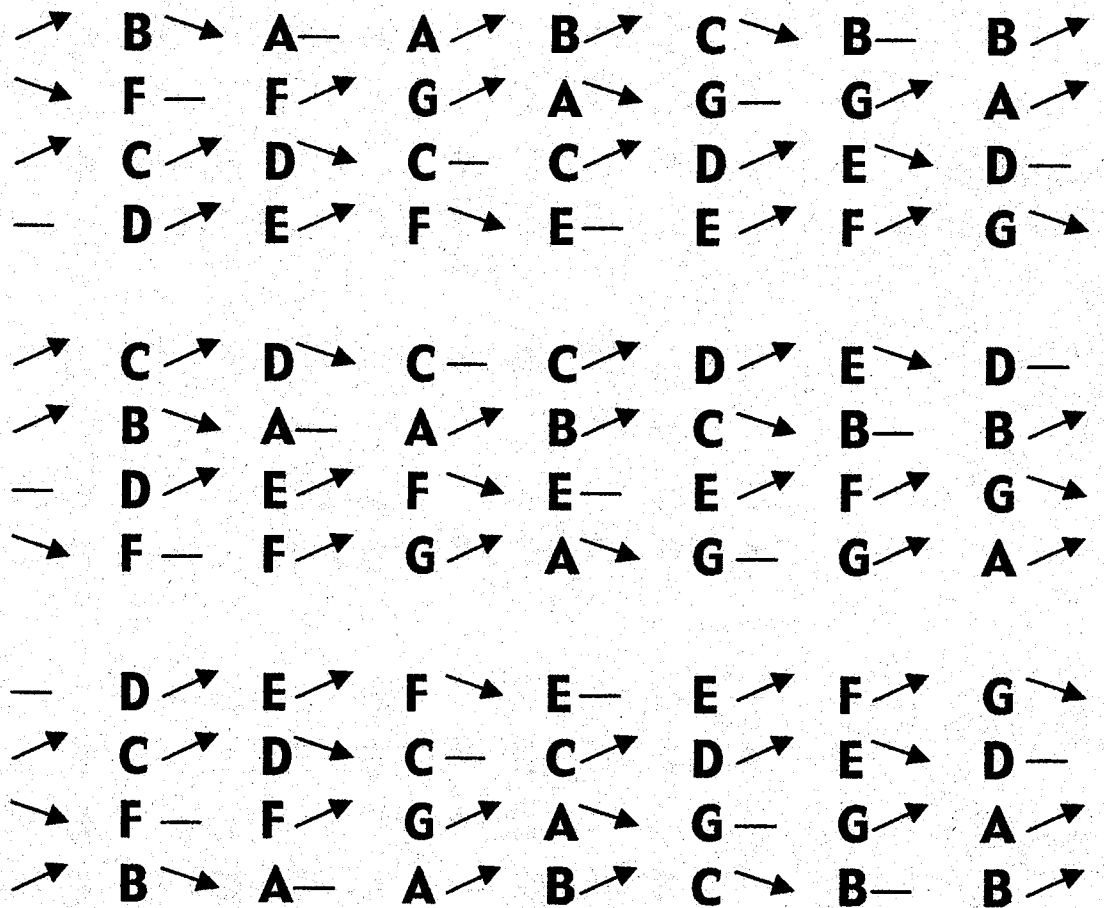
Intervallic
Voice-Leading

4 — c.t.
 2 → 2nd
 7 → 2nd
 1 → 2nd



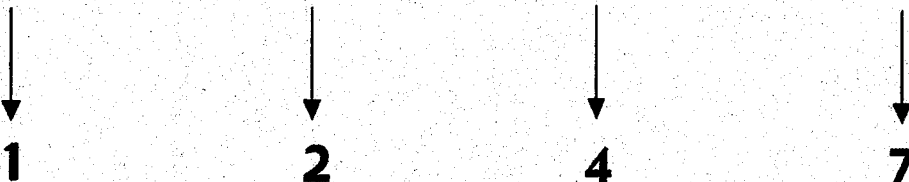
Functional
Voice-Leading

4 — 2
 2 → 1
 7 → 4
 1 → 7



M.S.R.P. CDCCD

||: C D C C D E D D E F E E F G F F G A G G A B A A B C B B :||



Chord Family: Triad
B.N. II

Cycle: 3

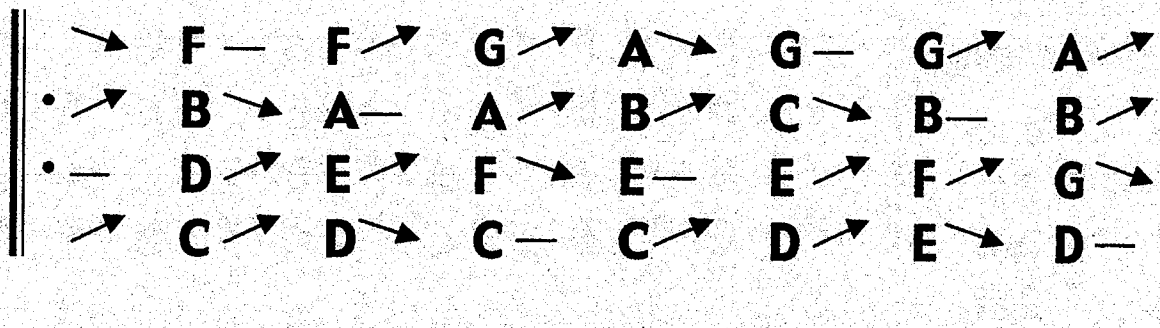
Scale: C major

Voicing Type: Drop 2 & 3

<u>B^o</u>	<u>Dm</u>	<u>E</u>	<u>Am</u>	<u>C</u>	<u>Em</u>	<u>G</u>
C	E	G	B	D	F	A

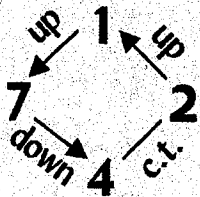
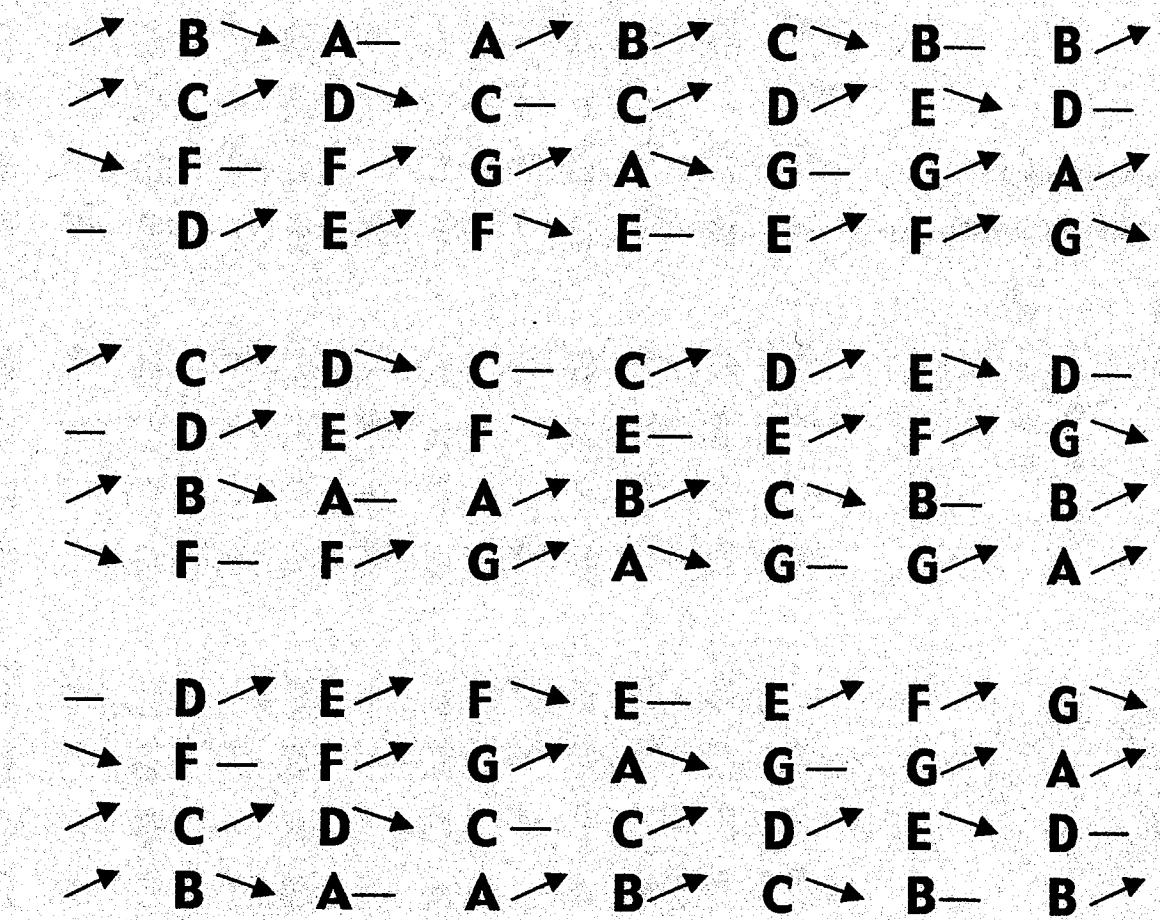
**Intervallic
Voice-Leading**

4 — c.t.
7 ↘ 2nd
2 ↗ 2nd
1 ↗ 2nd



**Functional
Voice-Leading**

4 — 2
7 ↘ 4
2 ↗ 1
1 ↗ 7



M.S.R.P. CDCCD

||: CDC CDE DDE FEE FGFF GAGG ABA ABCBB: ||

↓ 1 ↓ 2 ↓ 4 ↓ 7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 3

Scale: C major

Voicing Type: Drop 2 & 4

B° C Dm E F G Am B C D Em F G A

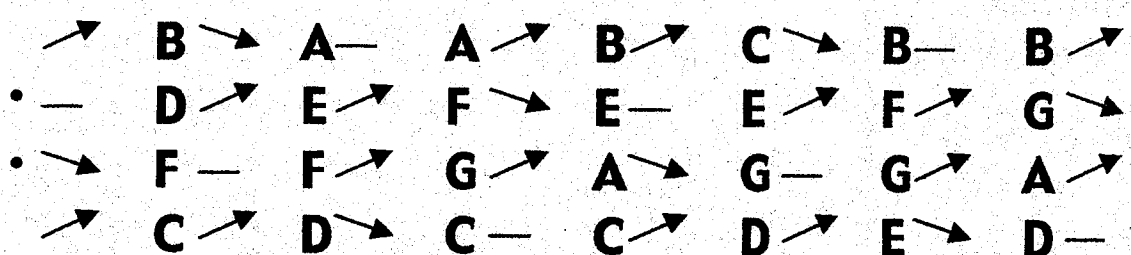
**Intervallic
Voice-Leading**

7 → 2nd

2 → 2nd

4 — c.t.

1 → 2nd



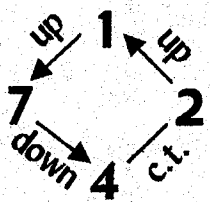
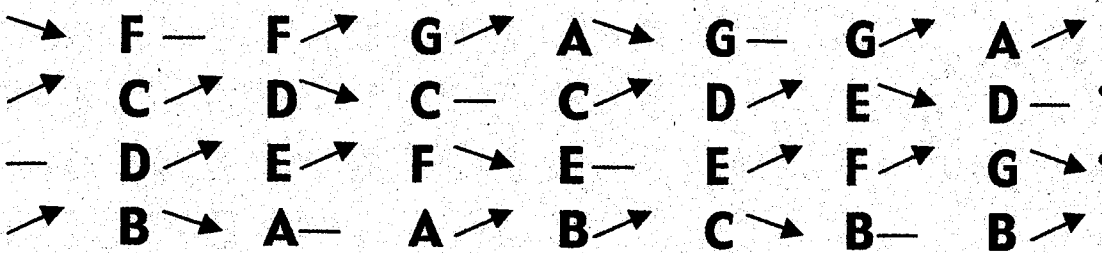
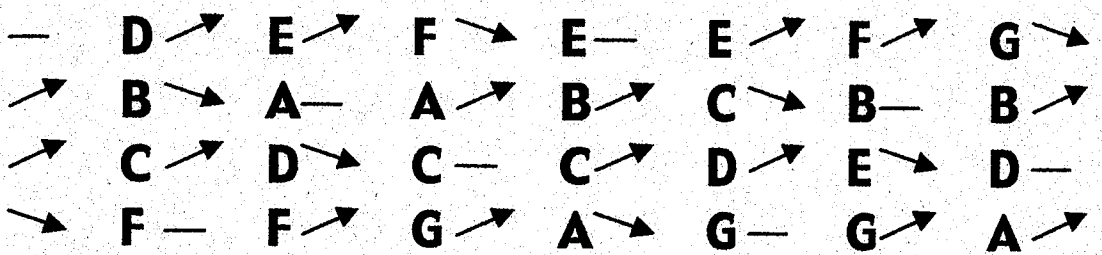
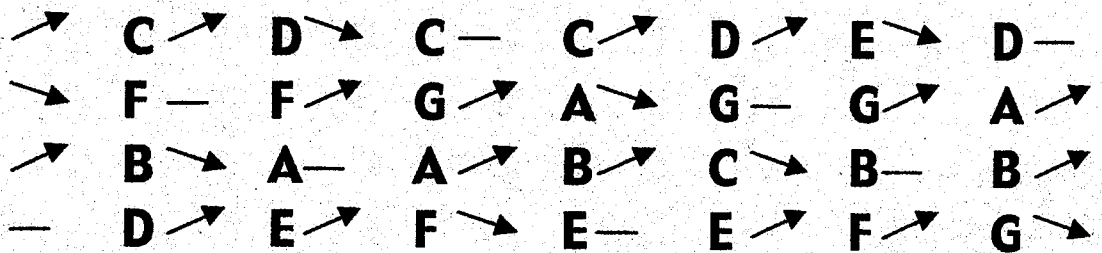
**Functional
Voice-Leading**

7 → 4

2 → 1

4 — 2

1 → 7



M.S.R.P. $\overline{C D C C D}$

||: CDC CDE DD E FEE FG FF GAGG ABA ABCBB: ||

↓
1

↓
2

↓
4

↓
7

Chord Family: Triad B.N. II

Cycle: 3

Scale: C major

Voicing Type: Double Drop 2,

Drop 3

<u>B^o</u>	<u>D_m</u>	<u>E</u>	<u>A_m</u>	<u>C</u>	<u>E_m</u>	<u>G</u>
C	E	G	B	D	F	A

Intervallic

Voice-Leading

2 → 2nd

4 — c.t.

7 → 2nd

1 → 2nd

—	D →	E →	F →	E —	E →	F →	G →
• →	F —	F →	G →	A →	G —	G →	A →
• →	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E →	D —
→	F —	F →	G →	A →	G —	G →	A →
→	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E →	D —
—	D →	E →	F →	E —	E →	F →	G →
→	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E →	D —
—	D →	E →	F →	E —	E →	F →	G →
→	F —	F →	G →	A →	G —	G →	A →
→	C →	D →	C —	C →	D →	E →	D —
—	D →	E →	F →	E —	E →	F →	G →
→	F —	F →	G →	A →	G —	G →	A →
→	B →	A —	A →	B →	C →	B —	B →

Functional

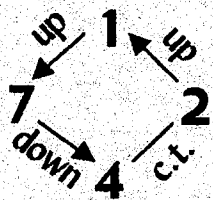
Voice-Leading

2 → 1

4 — 2

7 → 4

1 → 7



M.S.R.P. CDCCD

||: C D C C D E D D E F E E F G F F G A G G A B A A B C B B :||

↓	↓	↓	↓
1	2	4	7

TBN II
ALL VOICINGS
ALL CYCLES
C Melodic MINOR

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: 4-way close

Cycle: 2

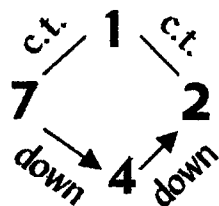
Scale: C melodic minor

**Intervallic
Voice-Leading**

7 → 3rd
 4 → 2nd
 2 — c.t.
 1 — c.t.

**Functional
Voice-Leading**

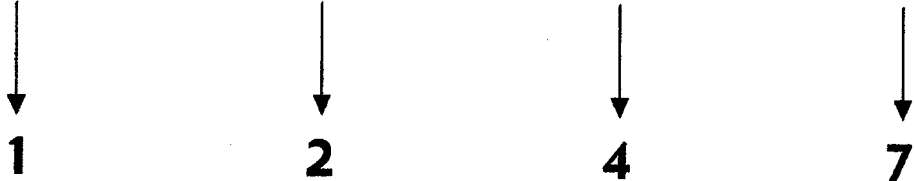
7 → 4
 4 → 2
 2 — 1
 1 — 7



	B°	C_m	D_m	E_b^+	E	G	A°	
	C	D	E_b	F	G	A	B	
—	B	→ G	→ F	— F	— F	→ D	→ C	—
• →	F	→ E_b	— E_b	— E_b	→ C	→ B	— B	—
• →	D	— D	— D	→ B	→ A	— A	— A	→
—	C	— C	→ A	→ G	— G	— G	→ E_b	→
—	C	— C	→ A	→ G	— G	— G	→ E_b	→
—	B	→ G	→ F	— F	— F	→ D	→ C	—
→	F	→ E_b	— E_b	— E_b	→ C	→ B	— B	—
→	D	— D	— D	→ B	→ A	— A	— A	→
→	D	— D	— D	→ B	→ A	— A	— A	→
—	C	— C	→ A	→ G	— G	— G	→ E_b	→
—	B	→ G	→ F	— F	— F	→ D	→ C	—
→	F	→ E_b	— E_b	— E_b	→ C	→ B	— B	—
→	F	→ E_b	— E_b	— E_b	→ C	→ B	— B	—
→	D	— D	— D	→ B	→ A	— A	— A	→ •
—	C	— C	→ A	→ G	— G	— G	→ E_b	→ •
—	B	→ G	→ F	— F	— F	→ D	→ C	—

M.S.R.P. \overline{CCAGG}

||: C C A G G G E_b D D D B A A A F E_b E_b E_b C B B B G F F F D C :||



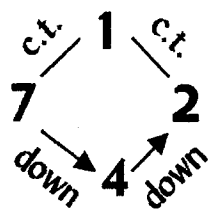
Chord Family: Triad B.N. II
Voicing Type: Drop 2

Cycle: 2

Scale: C melodic minor

	B° C	C_m D	D_m E \flat	$E\flat^+$ F	F G	G A	A° B
Intervallic Voice-Leading	→ D	— D	→ D	→ B	→ A	— A	→ A
2 — c.t.	• — B	→ G	→ F	— F	— F	→ D	→ C
7 → 3rd	• → F	→ E \flat	— E \flat	— E \flat	→ C	→ B	— B
4 → 2nd	— C	— C	→ A	→ G	— G	— G	→ E \flat
1 — c.t.							

	→ F	→ E \flat	— E \flat	— E \flat	→ C	→ B	— B
	— C	— C	→ A	→ G	— G	— G	→ E \flat
Functional Voice-Leading	— B	→ G	→ F	— F	— F	→ D	→ C
	→ D	— D	— D	→ B	→ A	— A	→ A
2 — 1							
7 → 4	— B	→ G	→ F	— F	— F	→ D	→ C
4 → 2	→ D	— D	— D	→ B	→ A	— A	→ A
1 — 7	— C	— C	→ A	→ G	— G	— G	→ E \flat
	→ F	→ E \flat	— E \flat	— E \flat	→ C	→ B	— B



—	C	—	C	→	A	→	G	—	G	—	G	→	E \flat	→
→	F	→	E \flat	—	E \flat	—	E \flat	→	C	→	B	—	B	—
→	D	—	D	—	D	→	B	→	A	—	A	—	A	→
—	B	→	G	→	F	—	F	—	F	→	D	→	C	—

M.S.R.P. $\overline{C C A G G}$

||: C C A G G G E \flat D D D B A A A F E \flat E \flat E \flat C B B B G F F F D C: ||

↓ 1 ↓ 2 ↓ 4 ↓ 7

Chord Family: Triad B.N. II

Cycle: 2

Scale: C melodic minor

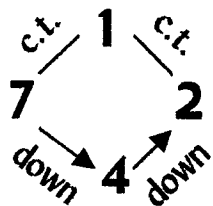
Voicing Type: Drop 3

**Intervallic
Voice-Leading**

4 → 2nd
2 — c.t.
7 → 3rd
1 — c.t.

**Functional
Voice-Leading**

4 → 2
2 — 1
7 → 4
1 — 7



	<u>B^o</u>	<u>C^m</u>	<u>D^m</u>	<u>E^b±</u>	<u>F</u>	<u>G</u>	<u>A^o</u>
	C	D	E ^b	F	G	A	B
→	F	E ^b —	E ^b —	E ^b →	C	B—	B—
• →	D	D—	D	B→	A—	A—	A→
• —	B	G→	F—	F—	F→	D→	C—
—	C	C→	A→	G—	G—	G→	E ^b →
—	B	G→	F—	F—	F→	D→	C—
→	F	E ^b —	E ^b —	E ^b →	C	B—	B—
—	C	C→	A→	G—	G—	G→	E ^b →
→	D	D—	D	B→	A—	A—	A→
—	C	C→	A→	G—	G—	G→	E ^b →
—	B	G→	F—	F—	F→	D→	C—
→	D	D—	D	B→	A—	A—	A→
→	F	E ^b —	E ^b —	E ^b →	C	B—	B—
→	D	D—	D	B→	A—	A—	A→
—	C	C→	A→	G—	G—	G→	E ^b →
→	F	E ^b —	E ^b —	E ^b →	C	B—	B—
—	B	G→	F—	F—	F→	D→	C—

M.S.R.P. CCAGG

||: C C A G G G E^b D D D B A A A F E^b E^b E^b C B B B G F F F D C :||

↓
1

↓
2

↓
4

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 2

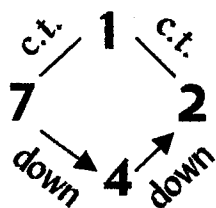
Scale: C melodic minor

**Intervallic
Voice-Leading**

4 → 2nd
 7 → 3rd
 2 — c.t.
 1 — c.t.

**Functional
Voice-Leading**

4 → 2
 7 → 4
 2 — 1
 1 — 7



	B°	C_m	D_m	E_b+	E	G	A°
	C	D	E_b	F	G	A	B
→	F	E_b	E_b	E_b	C	B	B
• —	B	G	F	F	F	D	C
• →	D	D	D	B	A	A	A
—	C	C	A	G	G	G	E_b
—	B	G	F	F	F	D	C
—	C	C	A	G	G	G	E_b
→	F	E_b	E_b	E_b	C	B	B
→	D	D	D	B	A	A	A
—	C	C	A	G	G	G	E_b
→	D	D	D	B	A	A	A
—	B	G	F	F	F	D	C
→	F	E_b	E_b	E_b	C	B	B
→	D	D	D	B	A	A	A
→	F	E_b	E_b	E_b	C	B	B
—	C	C	A	G	G	G	E_b
—	B	G	F	F	F	D	C

M.S.R.P. \overline{CCAGG}

||: C C A G G E_b D D B A A A F E_b E_b E_b C B B B G F F D C: ||

↓
1

↓
2

↓
4

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 2

Scale: C melodic minor

**Intervallic
Voice-Leading**

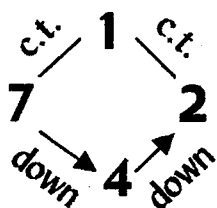
7 → 3rd
 2 — c.t.
 4 → 2nd
 1 — c.t.

	B°	C_m	D_m	E_b^\pm	E	G	A°	
	C	D	E_b	F	G	A	B	
—	B	→ G	→ F	— F	— F	→ D	→ C	—
• →	D	— D	— D	→ B	→ A	— A	— A	→
• →	F	→ E_b	→ E_b	→ E_b	→ C	→ B	— B	—
—	C	— C	→ A	→ G	— G	— G	→ E_b	→

**Functional
Voice-Leading**

7 → 4
 2 — 1
 4 → 2
 1 — 7

—	C	— C	→ A	→ G	— G	— G	→ E_b	→
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	— B	—
—	B	→ G	→ F	— F	— F	→ D	→ C	—
→	D	— D	— D	→ B	→ A	— A	— A	→
—	B	→ G	→ F	— F	— F	→ D	→ C	—
—	C	— C	→ A	→ G	— G	— G	→ E_b	→
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	— B	—
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	— B	—
—	C	— C	→ A	→ G	— G	— G	→ E_b	→
→	D	— D	— D	→ B	→ A	— A	— A	→
—	B	→ G	→ F	— F	— F	→ D	→ C	—



M.S.R.P. \overline{CCAGG}

||: C C A G G G E_b D D D B A A A F E_b E_b E_b C B B B G F F F D C: ||

↓
1

↓
2

↓
4

↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 2

Scale: C melodic minor

Voicing Type: Double Drop 2,

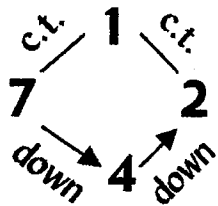
Drop 3

**Intervallic
Voice-Leading**

2 — c.t.
4 → 2nd
7 → 3rd
1 — c.t.

**Functional
Voice-Leading**

2 — 1
4 → 2
7 → 4
1 — 7



	B°	C_m	D_m	E_b^+	E	G	A°
	C	D	E_b	F	G	A	B
→	D	D	D	→ B	→ A	— A	→ A
• →	F	→ E_b	→ E_b	→ E_b	→ C	→ B	→ B
• —	B	→ G	→ F	→ F	→ F	→ D	→ C
—	C	→ C	→ A	→ G	→ G	→ G	→ E_b
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	→ B
—	B	→ G	→ F	→ F	→ F	→ D	→ C
—	C	→ C	→ A	→ G	→ G	→ G	→ E_b
→	D	→ D	→ D	→ B	→ A	→ A	→ A
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	→ B
—	C	→ C	→ A	→ G	→ G	→ G	→ E_b
→	D	→ D	→ D	→ B	→ A	→ A	→ A
→	F	→ E_b	→ E_b	→ E_b	→ C	→ B	→ B
—	B	→ G	→ F	→ F	→ F	→ D	→ C

M.S.R.P. \overline{CCAGG}

$\text{:: } C C A G G G E_b D D D B A A A F E_b E_b E_b C B B B G F F F D C \text{:}$

↓
1

↓
2

↓
4

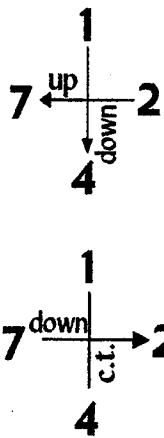
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: 4-way close

Cycle: 4

Scale: C melodic minor

	B°	E_b+	A°	Dm	G	Cm	E
Intervallic	C	F	B	E_b	A	D	G
Voice-Leading	B →	G →	A →	F →	G →	E_b →	F →
7 → 3rd	• → F	— F →	E_b —	E_b →	D —	D →	C —
4 — c.t.	• → D	→ E_b →	C →	D →	B →	C →	A →
2 → 2nd	— C	→ B —	B →	A —	A →	G —	G →
1 → 2nd							
	→ D	→ E_b →	C →	D →	B →	C →	A →
	— C	→ B —	B →	A —	A →	G —	G →
Functional	→ B	→ G	A →	F →	G →	E_b →	F →
Voice-Leading	→ F	— F →	E_b —	E_b →	D —	D →	C —
7 → 2							
4 — 1	• → C	→ B —	B →	A —	A →	G —	G →
2 → 7	• → B	→ G →	A →	F →	G →	E_b →	F →
1 → 4	• → F	— F →	E_b —	E_b →	D —	D →	C —
	→ D	→ E_b →	C →	D →	B →	C →	A →
	→ F	— F →	E_b —	E_b →	D —	D →	C —
	→ D	→ E_b →	C →	D →	B →	C →	A →
	→ C	→ B —	B →	A —	A →	G —	G →
	→ B	→ G →	A →	F →	G →	E_b →	F →



M.S.R.P. 1) $\overline{C B B A A}$ 2) $\overline{D E_b C D B}$

1) $\parallel: C B B A A G G F F E_b E_b D D C : \parallel$ 2) $\parallel: D E_b C D B C A B G A F G E_b F : \parallel$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$

Cycle: 4

Scale: C melodic minor

Voicing Type: Drop 2

	B°	E_b+	A°	Dm	G	Cm	E
Intervallic	C	F	B	E_b	A	D	G
Voice-Leading	D →	E_b →	C →	D →	B →	C →	A →
2 ↗ 2nd	• B →	G →	A →	F →	G →	E_b →	F →
7 ↘ 3rd	• F →	F →	E_b →	E_b →	D →	D →	C →
4 — c.t.	— C →	B →	B →	A →	A →	G →	G →
1 ↘ 2nd							
	B →	G →	A →	F →	G →	E_b →	F →
	D →	E_b →	C →	D →	B →	C →	A →
Functional	— C →	B →	B →	A →	A →	G →	G →
Voice-Leading	↘ F →	F →	E_b →	E_b →	D →	D →	C →
2 ↗ 7							
7 ↘ 2	• F →	F →	E_b →	E_b →	D →	D →	C →
4 — 1	• — C →	B →	B →	A →	A →	G →	G →
1 ↘ 4	• B →	G →	A →	F →	G →	E_b →	F →
	↘ D →	E_b →	C →	D →	B →	C →	A →
	— C →	B →	B →	A →	A →	G →	G →
	↘ F →	F →	E_b →	E_b →	D →	D →	C →
	↘ D →	E_b →	C →	D →	B →	C →	A →
	↘ B →	G →	A →	F →	G →	E_b →	F →

M.S.R.P. 1) $\overline{C B B A A}$ 2) $\overline{D E_b C D B}$

1) $\parallel : C B B A A G G F F E_b E_b D D C : \parallel$ 2) $\parallel : D E_b C D B C A B G A F G E_b F : \parallel$

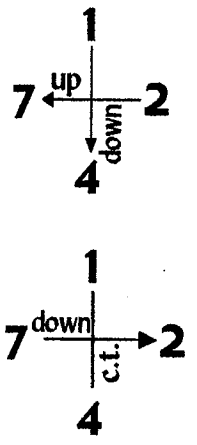


Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 3

Cycle: 4

Scale: C melodic minor

	B°	E_b+	A°	Dm	G	Cm	E
Intervallic	C	F	B	E_b	A	D	G
Voice-Leading	F →	F →	E_b →	E_b →	D →	D →	C →
4 — c.t.	• → D	→ E_b	→ C	→ D	→ B	→ C	→ A
2 → 2nd	• → B	→ G	→ A	→ F	→ G	→ E_b	→ F
7 → 3rd	— C	→ B	— B	→ A	— A	→ G	— G
1 → 2nd							
	— C	→ B	— B	→ A	— A	→ G	— G
	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F
Functional	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A
Voice-Leading	→ F	— F	→ E_b	— E_b	→ D	— D	→ C
4 — 1							
2 → 7	• → B	→ G	→ A	→ F	→ G	→ E_b	→ F
7 → 2	• → F	— F	→ E_b	— E_b	→ D	— D	→ C
1 → 4	• — C	→ B	— B	→ A	— A	→ G	— G
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A
	— C	→ B	— B	→ A	— A	→ G	— G
	→ F	— F	→ E_b	— E_b	→ D	— D	→ C
	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F



M.S.R.P. 1) $\overline{C B B A A}$ 2) $\overline{D E_b C D B}$

1) $||: C B B A A G G F F E_b E_b D D C :||$ 2) $||: D E_b C D B C A B G A F G E_b F :||$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 4

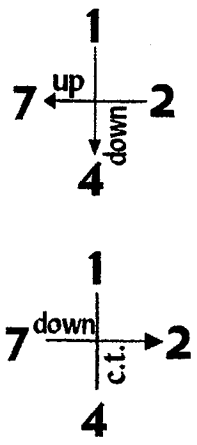
Scale: C melodic minor

Voicing Type: Drop 2 & 3

	B°	E_b^+	A°	D_m	G	C_m	E
	C	F	B	E_b	A	D	G
Intervallic	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
Voice-Leading	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F
4 — c.t.	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A
7 → 3rd	→ C	→ B	→ B	→ A	→ A	→ G	→ G
2 → 2nd	→ C	→ B	→ B	→ A	→ A	→ G	→ G
1 → 2nd	→ C	→ B	→ B	→ A	→ A	→ G	→ G

	→ C	→ B	→ B	→ A	→ A	→ G	→ G
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A
Functional	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F
Voice-Leading	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C

4 — 1	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F
7 → 2	→ C	→ B	→ B	→ A	→ A	→ G	→ G
2 → 7	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
1 → 4	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A



M.S.R.P. 1) $\overline{CBBA}A$ 2) $\overline{DE_bCD}B$

1) ||: C B B A A G G F F E_b E_b D D C :|| 2) ||: D E_b C D B C A B G A F G E_b F :||

↓ ↓ ↓ ↓

1 4 2 7

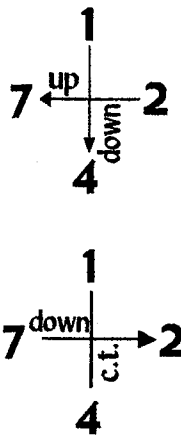
Chord Family: Triad B.N. II

Cycle: 4

Scale: C melodic minor

Voicing Type: Drop 2 & 4

	<u>B^o</u>	<u>E_b⁺</u>	<u>A^o</u>	<u>D_m</u>	<u>G</u>	<u>C_m</u>	<u>E</u>
Intervallic	C	F	B	E _b	A	D	G
Voice-Leading	→ B →	→ G →	→ A →	→ F →	→ G →	→ E _b →	→ F →
7 → 3rd	• → D →	→ E _b →	→ C →	→ D →	→ B →	→ C →	→ A →
2 → 2nd	• → F →	→ F →	→ E _b →	→ E _b →	→ D →	→ D →	→ C →
4 — c.t.	— C →	→ B →	→ B →	→ A →	→ A →	→ G →	→ G →
1 → 2nd							
	→ D →	→ E _b →	→ C →	→ D →	→ B →	→ C →	→ A →
	→ B →	→ G →	→ A →	→ F →	→ G →	→ E _b →	→ F →
Functional	— C →	→ B →	→ B →	→ A →	→ A →	→ G →	→ G →
Voice-Leading	→ F →	→ F →	→ E _b →	→ E _b →	→ D →	→ D →	→ C →
7 → 2							
2 → 7	— C →	→ B →	→ B →	→ A →	→ A →	→ G →	→ G →
4 — 1	• → F →	→ F →	→ E _b →	→ E _b →	→ D →	→ D →	→ C →
1 → 4	• → B →	→ G →	→ A →	→ F →	→ G →	→ E _b →	→ F →
	→ D →	→ E _b →	→ C →	→ D →	→ B →	→ C →	→ A →
	→ F →	→ F →	→ E _b →	→ E _b →	→ D →	→ D →	→ C →
	— C →	→ B →	→ B →	→ A →	→ A →	→ G →	→ G →
	→ D →	→ E _b →	→ C →	→ D →	→ B →	→ C →	→ A →
	→ B →	→ G →	→ A →	→ F →	→ G →	→ E _b →	→ F →



M.S.R.P. 1) C B B A A 2) D E_b C D B

1) ||: C B B A A G G F F E_b E_b D D C :|| 2) ||: D E_b C D B C A B G A F G E_b F :||

↓
1

↓
4

↓
2

↓
7

Chord Family: Triad B.N. II

Cycle: 4

Scale: C melodic minor

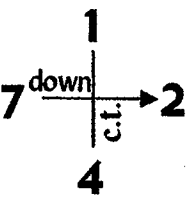
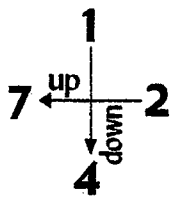
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 2nd
4 — c.t.
7 → 3rd
1 → 2nd

**Functional
Voice-Leading**

2 → 7
4 — 1
7 → 2
1 → 4



	B ^o C	E _b ⁺ F	A ^o B	D _m E _b	G A	C _m D	E G
Intervallic Voice-Leading	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
2 → 2nd	→ F	→ F	→ E _b	→ E _b	→ D	→ D	→ C
4 — c.t.	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F
7 → 3rd	→ C	→ B	→ B	→ A	→ A	→ G	→ G
1 → 2nd	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F
Functional Voice-Leading	→ C	→ B	→ B	→ A	→ A	→ G	→ G
2 → 7	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
4 — 1	→ F	→ F	→ E _b	→ E _b	→ D	→ D	→ C
7 → 2	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F
1 → 4	→ C	→ B	→ B	→ A	→ A	→ G	→ G
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
	→ C	→ B	→ B	→ A	→ A	→ G	→ G
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A
	→ F	→ F	→ E _b	→ E _b	→ D	→ D	→ C
	→ B	→ G	→ A	→ F	→ G	→ E _b	→ F

M.S.R.P. 1) C B B A A 2) D E_b C D B

1) ||: C B B A A G G F F E_b E_b D D C :|| 2) ||: D E_b C D B C A B G A F G E_b F :||



Chord Family: Triad B.N. II
Voicing Type: 4-way close

Cycle: 6

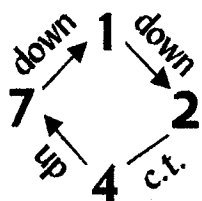
Scale: C melodic minor

Intervallic Voice-Leading

		<u>B^o</u> C	<u>G</u> A	<u>E_b⁺</u> F	<u>C_m</u> D	<u>A^o</u> B	<u>F</u> G	<u>D_m</u> E _b
	→	B	→	A	→	G	→	F
7	→ 2nd	→	→	→	→	→	→	→
4	→ 2nd	→	→	→	→	→	→	→
2	→ c.t.	→	→	→	→	→	→	→
1	→ 2nd	→	→	→	→	→	→	→

Functional Voice-Leading

	→	F	→	G	→	F	→	E_b
	→	D	→	D	→	E_b	→	D
	→	C	→	B	→	B	→	C
	→	B	→	A	→	G	→	A
7	→ 1	→	→	→	→	→	→	→
4	→ 7	→	→	→	→	→	→	→
2	→ 4	→	→	→	→	→	→	→
1	→ 2	→	→	→	→	→	→	→



→	C	→	B	→	B	→	C	→	B	→	A	→	A	→
→	B	→	A	→	G	→	G	→	A	→	G	→	F	→
→	F	→	G	→	F	→	E_b	→	E_b	→	F	→	E_b	→
→	D	→	D	→	E_b	→	D	→	C	→	C	→	D	→

M.S.R.P. **C B B C B**

||: **C B B C B A A B A G G A G F F G F E_b E_b F E_b D D E_b D C C D** :||



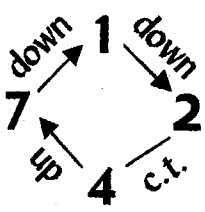
Chord Family: Triad B.N. II

Cycle: 6

Scale: C melodic minor

Voicing Type: Drop 2

		<u>B^o</u>	<u>G</u>	<u>E_b⁺</u>	<u>C_m</u>	<u>A^o</u>	<u>E</u>	<u>D_m</u>	
		C	A	F	D	B	G	E _b	
Intervallic Voice-Leading	→	D	— D	→ E _b	→ D	→ C	— C	→ D	→
	• →	B	→ A	→ G	— G	→ A	→ G	→ F	—
	• —	F	→ G	→ F	→ E _b	— E _b	→ F	→ E _b	→
	→	C	→ B	— B	→ C	→ B	→ A	— A	→
2 — c.t.									
7 → 2nd									
4 → 2nd									
1 → 2nd									
Functional Voice-Leading	→	C	→ B	— B	→ C	→ B	→ A	— A	→
	—	F	→ G	→ F	→ E _b	— E _b	→ F	→ E _b	→
	→	D	— D	→ E _b	→ D	→ C	— C	→ D	→
	→	B	→ A	→ G	— G	→ A	→ G	→ F	—
	→	B	→ A	→ G	— G	→ A	→ G	→ F	—
	→	D	— D	→ E _b	→ D	→ C	— C	→ D	→
2 — 4									
7 → 1									
4 → 7									
1 → 2									
	→	C	→ B	— B	→ C	→ B	→ A	— A	→
	—	F	→ G	→ F	→ E _b	— E _b	→ F	→ E _b	→
	→	B	→ A	→ G	— G	→ A	→ G	→ F	—
	→	D	— D	→ E _b	→ D	→ C	— C	→ D	→



M.S.R.P. C B B C B

||: C B B C B A A B A G G A G F F G F E_b E_b F E_b D D E_b D C C D :||



Chord Family: Triad B.N. II

Cycle: 6

Scale: C melodic minor

Voicing Type: Drop 3

**Intervallic
Voice-Leading**

4 → 2nd

2 — c.t.

7 → 2nd

1 → 2nd

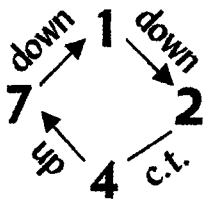
**Functional
Voice-Leading**

4 → 7

2 — 4

7 → 1

1 → 2



	<u>B^o</u>	<u>G</u>	<u>E^b+</u>	<u>C^m</u>	<u>A^o</u>	<u>F</u>	<u>D^m</u>	
	C	A	F	D	B	G	E ^b	
—	F	→ G	→ F	→ E ^b	— E ^b	→ F	→ E ^b	→
• →	D	— D	→ E ^b	→ D	→ C	— C	→ D	→
• →	B	→ A	→ G	— G	→ A	→ G	→ F	—
→	C	→ B	— B	→ C	→ B	→ A	— A	→
→	D	— D	→ E ^b	→ D	→ C	— C	→ D	→
→	C	→ B	— B	→ C	→ B	→ A	— A	→
—	F	→ G	→ F	→ E ^b	— E ^b	→ F	→ E ^b	→
→	B	→ A	→ G	— G	→ A	→ G	→ F	—
→	C	→ B	— B	→ C	→ B	→ A	— A	→
→	B	→ A	→ G	— G	→ A	→ G	→ F	—
→	D	— D	→ E ^b	→ D	→ C	— C	→ D	→
—	F	→ G	→ F	→ E ^b	— E ^b	→ F	→ E ^b	→
→	B	→ A	→ G	— G	→ A	→ G	→ F	—
—	F	→ G	→ F	→ E ^b	— E ^b	→ F	→ E ^b	→ •
→	C	→ B	— B	→ C	→ B	→ A	— A	→ •
→	D	— D	→ E ^b	→ D	→ C	— C	→ D	→

M.S.R.P. C B B C B

||: C B B C B A A B A G G A G F F G F E^b E^b F E^b D D E^b D C C D :||

1

7

4

2

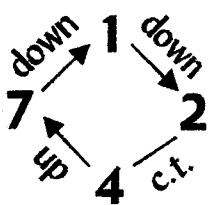
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 6

Scale: C melodic minor

		$\frac{B^\circ}{C}$	$\frac{G}{A}$	$\frac{Eb+}{F}$	$\frac{Cm}{D}$	$\frac{A^\circ}{B}$	$\frac{E}{G}$	$\frac{Dm}{Eb}$
Intervallic Voice-Leading		→ B	→ A	→ G	— G	→ A	→ G	→ F
	7 → 2nd	→ D	— D	→ Eb	→ D	→ C	— C	→ D
	2 — c.t.	— F	→ G	→ F	→ Eb	→ Eb	→ F	→ Eb
	4 → 2nd	→ C	→ B	— B	→ C	→ B	→ A	— A
	1 → 2nd							

Functional Voice-Leading		→ F	→ G	→ F	→ Eb	→ Eb	→ F	→ Eb
		→ C	→ B	— B	→ C	→ B	→ A	— A
		→ D	— D	→ Eb	→ D	→ C	— C	→ D
		→ B	→ A	→ G	— G	→ A	→ G	→ F
		→ D	— D	→ Eb	→ D	→ C	— C	→ D



→ C	→ B	— B	→ C	→ B	→ A	— A	→ A
— F	→ G	→ F	→ Eb	→ Eb	→ F	→ Eb	→
→ B	→ A	→ G	— G	→ A	→ G	→ F	→
→ D	— D	→ Eb	→ D	→ C	— C	→ D	→

M.S.R.P. \overline{CBBCB}

||: **C B B C B A A B A G G A G F F G F Eb Eb F Eb D D E b D C C D** :||

↓
1

↓
7

↓
4

↓
2

Chord Family: Triad B.N. II

Cycle: 6

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 — c.t.

4 ↗ 2nd

7 ↗ 2nd

1 ↗ 2nd

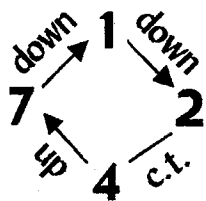
**Functional
Voice-Leading**

2 — 4

4 ↗ 7

7 ↗ 1

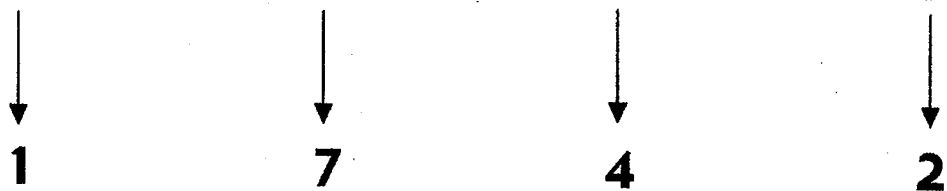
1 ↗ 2



	<u>B°</u> C	<u>G</u> A	<u>Eb+</u> F	<u>Cm</u> D	<u>A°</u> B	<u>E</u> G	<u>Dm</u> Eb
→	D	D	E _b	D	C	C	D
• —	F	G	F	E _b	E _b	F	E _b
• ↗	B	A	G	G	A	G	F
↘	C	B	B	C	B	A	A
↘	C	B	B	C	B	A	A
↘	D	D	E _b	D	C	C	D
—	F	G	F	E _b	E _b	F	E _b
↗	B	A	G	G	A	G	F
↗	B	A	G	G	A	G	F
↘	C	B	B	C	B	A	A
↘	D	D	E _b	D	C	C	D
—	F	G	F	E _b	E _b	F	E _b
—	F	G	F	E _b	E _b	F	E _b
↗	B	A	G	G	A	G	F
↗	C	B	B	C	B	A	A
↘	D	D	E _b	D	C	C	D

M.S.R.P. C B B C B

||: C B B C B A A B A G G A G F F G F E_b E_b F E_b D D E_b D C C D :||



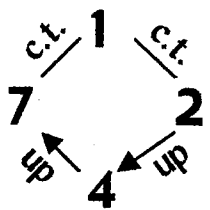
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: 4-way close

Cycle: 7

Scale: C melodic minor

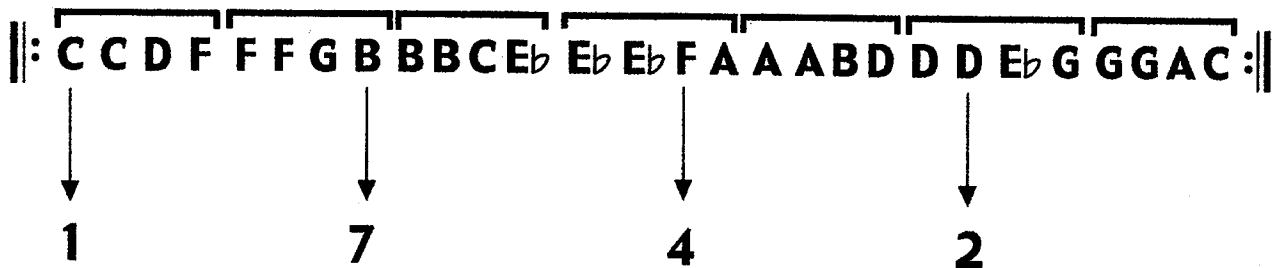
	B°	A°	G	F	E_b+	D_m	C_m
	C	B	A	G	F	E_b	D
Intervallic							
Voice-Leading							
7 — 2nd	→ B	— B	— B	→ C	→ E_b	— E_b	— E_b →
4 → 3rd	• → F	→ A	— A	— A	→ B	→ D	— D —
2 → c.t.	• — D	→ E_b →	G — G	— G	→ A	→ C	— C —
1 — c.t.	— C	— C →	D → F	— F	— F	→ G	→ G →

	→ F	→ A	— A	— A	→ B	→ D	— D —
	— D	→ E_b →	G — G	— G	→ A	→ C	— C —
Functional	— C	— C →	D → F	— F	— F	→ G	→ G →
Voice-Leading	→ B	— B	— B	→ C	→ E_b	— E_b	— E_b →
7 — 1							
4 → 7	— D	→ E_b →	G — G	— G	→ A	→ C	— C —
2 → 4	— C	— C →	D → F	— F	— F	→ G	→ G →
1 — 2	→ B	— B	— B	→ C	→ E_b	— E_b	— E_b →
	→ F	→ A	— A	— A	→ B	→ D	— D —



— C	— C →	D → F	— F	— F	→ G	→ G →
→ B	— B	— B	→ C	→ E_b	— E_b	— E_b → •
→ F	→ A	— A	— A	→ B	→ D	— D — •
— D	→ E_b →	G — G	— G	→ A	→ C	— C —

M.S.R.P. $\overline{\text{CCDFF}}$



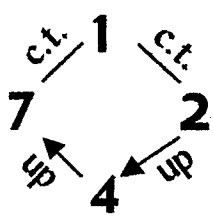
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2

Cycle: 7

Scale: C melodic minor

	B°	A°	G	E	E_b+	D_m	C_m	
	C	B	A	G	F	E_b	D	
Intervallic								
Voice-Leading	—	D →	E_b →	G —	G —	G →	A →	C —
2 → 2nd	• →	B —	B —	B →	C →	E_b —	E_b —	E_b →
7 — c.t.	• →	F →	A —	A —	A →	B →	D —	D —
4 → 3rd	—	C —	C →	D →	F —	F —	F →	G →
1 — c.t.								

	—	C —	C →	D →	F —	F —	F →	G →
	→	F →	A —	A —	A →	B →	D —	D —
Functional	—	D →	E_b →	G —	G —	G →	A →	C —
Voice-Leading	→	B —	B —	B →	C →	E_b —	E_b —	E_b →
2 → 4	→	B —	B —	B →	C →	E_b —	E_b —	E_b →
7 — 1	—	D →	E_b →	G —	G —	G →	A →	C —
4 → 7	—	C —	C →	D →	F —	F —	F →	G →
1 — 2	→	F →	A —	A —	A →	B →	D —	D —



→	F →	A —	A —	A →	B →	D —	D —
—	C —	C →	D →	F —	F —	F →	G →
→	B —	B —	B →	C →	E_b —	E_b —	E_b →
—	D →	E_b →	G —	G —	G →	A →	C —

M.S.R.P. \overline{CCDF} F

||: C C D F F F G B B B C E_b E_b E_b F A A A B D D D E_b G G G A C :||



Chord Family: Triad II
B.N.

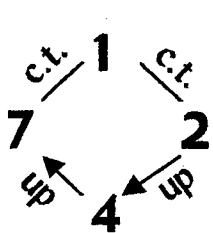
Cycle: 7

Scale: C melodic minor

Voicing Type: Drop 3

	<u>B^o</u>	<u>A^o</u>	<u>G</u>	<u>F</u>	<u>E_b⁺</u>	<u>D_m</u>	<u>C_m</u>
	C	B	A	G	F	E _b	D
Intervallic	→ F	→ A	— A	— A	→ B	→ D	— D
Voice-Leading	• — D	→ E _b	→ G	— G	→ G	→ A	→ C
4 → 3rd	• → B	— B	— B	→ C	→ E _b	— E _b	→ E _b
2 → 2nd	7 — C	— C	→ D	→ F	— F	— F	→ G
7 — c.t.	1 —	→ D	→ E _b	— G	— G	→ G	→ A
1 — c.t.		— C	→ D	→ F	— F	— F	→ G

Functional	→ F	→ A	— A	— A	→ B	→ D	— D
Voice-Leading	→ B	— B	— B	→ C	→ E _b	— E _b	→ E _b
4 → 7	— C	— C	→ D	→ F	— F	— F	→ G
2 → 4	7 — B	— B	— B	→ C	→ E _b	— E _b	→ E _b
7 — 1	1 — D	→ E _b	→ G	— G	→ G	→ A	→ C
1 — 2	→ F	→ A	— A	— A	→ B	→ D	— D



→ B	— B	— B	→ C	→ E _b	— E _b	→ E _b
→ F	→ A	— A	— A	→ B	→ D	— D
— C	— C	→ D	→ F	— F	— F	→ G
— D	→ E _b	→ G	— G	→ G	→ A	→ C

M.S.R.P. CCDFFF

||: C C D F F F G B B B C E_b E_b E_b F A A A B D D D E_b G G G A C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 7

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 2nd

4 → 3rd

7 — c.t.

1 — c.t.

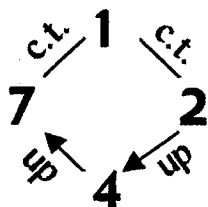
**Functional
Voice-Leading**

2 → 4

4 → 7

7 — 1

1 — 2



	B°	A°	G	E	E_b+	D_m	C_m
	C	B	A	G	F	E_b	D
—	D →	E_b →	G —	G —	G →	A →	C —
• →	F →	A —	A —	A →	B →	D —	D —
• →	B —	B —	B →	C →	E_b —	E_b —	E_b →
—	C —	C →	D →	F —	F —	F →	G →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E_b →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E_b —	E_b —	E_b →
→	B —	B —	B →	C →	E_b —	E_b —	E_b →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E_b →	G —	G —	G →	A →	C —
→	F →	A —	A —	A →	B →	D —	D —
→	B —	B —	B →	C →	E_b —	E_b —	E_b →
—	C —	C →	D →	F —	F —	F →	G →
—	D →	E_b →	G —	G —	G →	A →	C —

M.S.R.P. \overline{CCDFF}

||: C C D F F F G B B B C E_b E_b E_b F A A A B D D D E_b G G G A C :||

↓
1

↓
7

↓
4

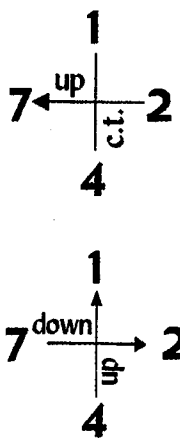
↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: 4-way close

Cycle: 5

Scale: C melodic minor

	B°	E	Cm	G	Dm	A°	$Eb+$
	C	G	D	A	E_b	B	F
Intervallic							
Voice-Leading	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow
7 \rightarrow 2nd	B	A	C	B	D	C	E_b
4 \rightarrow 2nd	F	G	G	A	A	B	B
2 \rightarrow 3rd	D	F	E_b	G	F	A	G
1 — c.t.	C	C	D	D	E_b	E_b	F
Functional							
Voice-Leading	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow
7 \rightarrow 2	D	F	E_b	G	F	A	G
4 \rightarrow 1	C	C	D	D	E_b	E_b	F
2 \rightarrow 7	B	A	C	B	D	C	E_b
1 — 4	F	G	G	A	A	B	B
	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow
	C	C	D	D	E_b	E_b	F
	B	A	C	B	D	C	E_b
	F	G	G	A	A	B	B
	D	F	E_b	G	F	A	G
	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow	\rightarrow
	F	G	G	A	A	B	B
	D	F	E_b	G	F	A	G
	C	C	D	D	E_b	E_b	F
	B	A	C	B	D	C	E_b



M.S.R.P. 1) $\overline{C C D D E_b}$ 2) $\overline{B A C B D}$

1) $||: C C D D E_b E_b F F G G A A B B :||$ 2) $||: B A C B D C E_b D F E_b G F A G :||$

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2

Cycle: 5

Scale: C melodic minor

	$\frac{B^\circ}{C}$	$\frac{E}{G}$	$\frac{Cm}{D}$	$\frac{G}{A}$	$\frac{Dm}{E_b}$	$\frac{A^\circ}{B}$	$\frac{E_b+}{F}$
Intervallic							
Voice-Leading	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
2 → 3rd	• → B	→ A	→ C	→ B	→ D	→ C	→ E _b
7 ↘ 2nd	• — F	→ G	— G	→ A	— A	→ B	— B
4 → 2nd	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
1 — c.t.							
	→ B	→ A	→ C	→ B	→ D	→ C	→ E _b
	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
Functional	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
Voice-Leading	— F	→ G	— G	→ A	— A	→ B	— B
2 → 7							
7 ↘ 2	• — F	→ G	— G	→ A	— A	→ B	— B
4 → 1	• → C	— C	→ D	— D	→ E _b	— E _b	→ F
1 — 4	• → B	→ A	→ C	→ B	→ D	→ C	→ E _b
	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
1							
7 ^{up} ↖ c.t. ↗ 2							
4	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
	— F	→ G	— G	→ A	— A	→ B	— B
1	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
7 ^{down} ↘ 2	→ B	→ A	→ C	→ B	→ D	→ C	→ E _b
4							

M.S.R.P. 1) $\overline{C C D D E_b}$ 2) $\overline{B A C B D}$

1) $\parallel : C C D D E_b E_b F F G G A A B B : \parallel$ 2) $\parallel : B A C B D C E_b D F E_b G F A G : \parallel$

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 3

Cycle: 5

Scale: C melodic minor

**Intervallic
Voice-Leading**

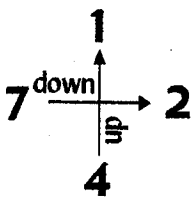
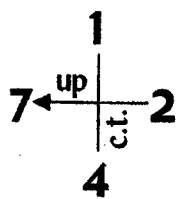
4 → 2nd
 2 → 3rd
 7 ↘ 2nd
 1 — c.t.

	$\frac{B^\circ}{C}$	$\frac{E}{G}$	$\frac{Cm}{D}$	$\frac{G}{A}$	$\frac{Dm}{E_b}$	$\frac{A^\circ}{B}$	$\frac{E_b+}{F}$
—	F →	G —	G →	A —	A →	B —	B →
• ↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
• ↘	B ↘	A →	C ↘	B →	D ↘	C →	E _b ↘
↗	C —	C →	D —	D →	E _b —	E _b →	F —
↗	C —	C →	D —	D →	E _b —	E _b →	F —
↗	B ↘	A →	C ↘	B →	D ↘	C →	E _b ↘
↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
—	F →	G —	G →	A —	A →	B —	B →

**Functional
Voice-Leading**

4 → 1
 2 → 7
 7 ↘ 2
 1 — 4

↗	B ↘	A →	C ↘	B →	D ↘	C →	E _b ↘
• —	F →	G —	G →	A —	A →	B —	B →
• ↘	C —	C →	D —	D →	E _b —	E _b →	F —
↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
↘	D →	F ↘	E _b →	G ↘	F →	A ↘	G →
↘	C —	C →	D —	D →	E _b —	E _b →	F —
—	F →	G —	G →	A —	A →	B —	B →
↗	B ↘	A →	C ↘	B →	D ↘	C →	E _b ↘



M.S.R.P. 1) $\overbrace{C C D D E_b}$ 2) $\overbrace{B A C B D}$

1) ||: C C D D E_b E_b F F G G A A B B :|| 2) ||: B A C B D C E_b D F E_b G F A G :||

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$
Voicing Type: Drop 2 & 3

Cycle: 5

Scale: C melodic minor

	B° C	F G	Cm D	G A	Dm E $_b$	A° B	E_b+ F	
Intervallic	—	F →	G —	G →	A —	A →	B —	B →
Voice-Leading	• →	B →	A →	C →	B →	D →	C →	E $_b$ →
4 → 2nd	• →	D →	F →	E $_b$ →	G →	F →	A →	G →
7 ↘ 2nd	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
2 → 3rd	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
1 — c.t.	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
	↘	D →	F →	E $_b$ →	G →	F →	A →	G →
Functional	→	B →	A →	C →	B →	D →	C →	E $_b$ →
Voice-Leading	—	F →	G —	G →	A —	A →	B —	B →
4 → 1	→	B →	A →	C →	B →	D →	C →	E $_b$ →
7 ↘ 2	• →	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
2 → 7	• —	F →	G —	G →	A —	A →	B —	B →
1 — 4	↘	D →	F →	E $_b$ →	G →	F →	A →	G →
1	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
7 ^{up} ↖	→	B →	A →	C →	B →	D →	C →	E $_b$ →
c.t.	—	F →	G —	G →	A —	A →	B —	B →
2	→	B →	A →	C →	B →	D →	C →	E $_b$ →
4	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
1	→	C —	C →	D —	D →	E $_b$ —	E $_b$ →	F —
7 ^{down} ↘	→	B →	A →	C →	B →	D →	C →	E $_b$ →
E	→	B →	A →	C →	B →	D →	C →	E $_b$ →
2	→	B →	A →	C →	B →	D →	C →	E $_b$ →
4	→	B →	A →	C →	B →	D →	C →	E $_b$ →

M.S.R.P. 1) $\overline{C C D D E_b}$ 2) $\overline{B A C B D}$

1) ||: C C D D E $_b$ E $_b$ F F G G A A B B :|| 2) ||: B A C B D C E $_b$ D F E $_b$ G F A G :||

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C melodic minor

	$\frac{B^\circ}{C}$	$\frac{E}{G}$	$\frac{Cm}{D}$	$\frac{G}{A}$	$\frac{Dm}{E_b}$	$\frac{A^\circ}{B}$	$\frac{E_b+}{F}$
Intervallic							
Voice-Leading	→ B	→ A	→ C	→ B	→ D	→ C	→ E _b
7 → 2nd	• → D	→ F	→ E _b	→ G	→ F	→ A	→ G
2 → 3rd	• — F	→ G	— G	→ A	— A	→ B	— B
4 → 2nd	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
1 — c.t.							
	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
	→ B	→ A	→ C	→ B	→ D	→ C	→ E _b
Functional	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
Voice-Leading	— F	→ G	— G	→ A	— A	→ B	— B
7 → 2	→ C	— C	→ D	— D	→ E _b	— E _b	→ F
2 → 7	• — F	→ G	— G	→ A	— A	→ B	— B
4 → 1	• → B	→ A	→ C	→ B	→ D	→ C	→ E _b
1 — 4	→ D	→ F	→ E _b	→ G	→ F	→ A	→ G
1							
7 ← up							
c.t.							
2							
4							
1							
7 → down							
up							
2							
4							

M.S.R.P. 1) $\overline{C C D D E_b}$ 2) $\overline{B A C B D}$

1) ||: C C D D E_b E_b F F G G A A B B :|| 2) ||: B A C B D C E_b D F E_b G F A G :||

↓
1

↓
4

↓
7

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 5

Scale: C melodic minor

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 3rd
4 → 2nd
7 ↘ 2nd
1 — c.t.

	B° C	E G	Cm D	G A	Dm E b	A° B	$Eb+$ F
→	D	→ F	→ E b	→ G	→ F	→ A	→ G
• —	F	→ G	— G	→ A	— A	→ B	— B
• →	B	→ A	→ C	→ B	→ D	→ C	→ E b
→	C	— C	→ D	— D	→ E b	— E b	→ F

**Functional
Voice-Leading**

2 → 7
4 → 1
7 ↘ 2
1 — 4

→	B	→ A	→ C	→ B	→ D	→ C	→ E b
→	C	— C	→ D	— D	→ E b	— E b	→ F
→	D	→ F	→ E b	→ G	→ F	→ A	→ G
—	F	→ G	— G	→ A	— A	→ B	— B

1
7^{up} ← | c.t. | 2
4

1
7^{down} ↓ | up | 2
4

→	C	— C	→ D	— D	→ E b	— E b	→ F
→	D	→ F	→ E b	→ G	→ F	→ A	→ G
—	F	→ G	— G	→ A	— A	→ B	— B
→	B	→ A	→ C	→ B	→ D	→ C	→ E b

M.S.R.P. 1) $\overline{C C D D E b}$ 2) $\overline{B A C B D}$

1) ||: C C D D E b E b F F G G A A B B :|| 2) ||: B A C B D C E b D F E b G F A G :||

↓ 1 ↓ 4 ↓ 7 ↓ 2

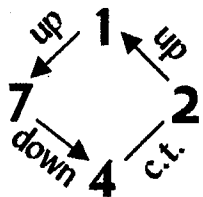
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 3

Scale: C melodic minor

Voicing Type: Drop 2

	B°	Dm	F	A°	Cm	$Eb+$	G
	C	E_b	G	B	D	F	A
Intervallic							
Voice-Leading							
2 → 2nd	— D	→ E_b	→ F	→ E_b	— E_b	→ F	→ G
7 → c.t.	• → B	→ A	— A	→ B	→ C	→ B	— B
4 — 2nd	• → F	— F	→ G	→ A	→ G	— G	→ A
1 → 2nd	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
	→ F	— F	→ G	→ A	→ G	— G	→ A
	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
Functional							
Voice-Leading							
2 → 1	→ B	→ A	— A	→ B	→ C	→ B	— B
7 → 4	— D	→ E_b	→ F	→ E_b	→ E_b	→ F	→ G
4 — 2	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
1 → 7	→ F	— F	→ G	→ A	→ G	— G	→ A
	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
	→ F	— F	→ G	→ A	→ G	— G	→ A
	→ D	→ E_b	→ F	→ E_b	→ E_b	→ F	→ G
	→ B	→ A	— A	→ B	→ C	→ B	— B



M.S.R.P. \overline{CDCCD}

||: C D C C D E_b D D E_b F E_b E_b F G F F G A G G A B A A B C B B :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

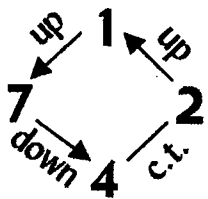
Cycle: 3

Scale: C melodic minor

Voicing Type: Drop 3

	B°	Dm	E	A°	Cm	E_b+	G
	C	E_b	G	B	D	F	A
Intervallic							
Voice-Leading	→ F	— F →	→ G	→ A	→ G	— G →	→ A
4 — c.t.	• — D	→ E_b →	→ F	→ E_b —	E_b →	→ F	→ G
2 → 2nd	• → B	→ A —	A →	B →	C →	B —	B →
7 → 2nd	→ C	→ D →	C —	C →	D →	E_b →	D —
1 → 2nd							

	→ B	→ A —	A →	B →	C →	B —	B →
	→ F	— F →	G →	A →	G —	G →	A →
Functional	→ C	→ D →	C —	C →	D →	E_b →	D —
Voice-Leading	— D	→ E_b →	F →	E_b —	E_b →	F →	G →
4 — 2	→ C	→ D →	C —	C →	D →	E_b →	D —
2 → 1	→ B	→ A —	A →	B →	C →	B —	B →
7 → 4	— D	→ E_b →	F →	E_b —	E_b →	F →	G →
1 → 7	→ F	— F →	G →	A →	G —	G →	A →



— D	→ E_b →	F →	E_b —	E_b →	F →	G →
→ C	→ D →	C —	C →	D →	E_b →	D —
→ F	— F →	G →	A →	G —	G →	A →
→ B	→ A —	A →	B →	C →	B —	B →

M.S.R.P. $\overline{C D C C D}$

||: C D C C D E_b D D E_b F E_b E_b F G F F G A G G A B A A B C B B :||

↓
1

↓
2

↓
4

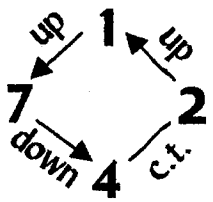
↓
7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 3

Scale: C melodic minor

	B°	Dm	E	A°	Cm	$Eb+$	G
	C	E_b	G	B	D	F	A
Intervallic							
Voice-Leading	→ F	— F	→ G	→ A	→ G	— G	→ A
4 — c.t.	• → B	→ A	— A	→ B	→ C	→ B	— B
7 → 2nd	• — D	→ E_b	→ F	→ E_b	— E_b	→ F	→ G
2 → 2nd	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
1 → 2nd							
	→ B	→ A	— A	→ B	→ C	→ B	— B
	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
Functional	→ F	— F	→ G	→ A	→ G	— G	→ A
Voice-Leading	— D	→ E_b	→ F	→ E_b	— E_b	→ F	→ G
4 — 2							
7 → 4	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
2 → 1	— D	→ E_b	→ F	→ E_b	— E_b	→ F	→ G
1 → 7	→ B	→ A	— A	→ B	→ C	→ B	— B
	→ F	— F	→ G	→ A	→ G	— G	→ A
	— D	→ E_b	→ F	→ E_b	— E_b	→ F	→ G
	→ F	— F	→ G	→ A	→ G	— G	→ A
	→ C	→ D	→ C	— C	→ D	→ E_b	→ D
	→ B	→ A	— A	→ B	→ C	→ B	— B



M.S.R.P. $\overline{C D C C D}$

$\| : C D C C D E_b D D E_b F E_b E_b F G F F G A G G A B A A B C B B : \|$

↓
1

↓
2

↓
4

↓
7

Chord Family: Triad B.N. II

Cycle: 3

Scale: C melodic minor

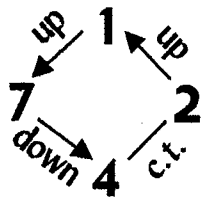
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 → 2nd
4 — c.t.
7 → 2nd
1 → 2nd

**Functional
Voice-Leading**

2 → 1
4 — 2
7 → 4
1 → 7



	<u>B°</u>	<u>Dm</u>	<u>E</u>	<u>A°</u>	<u>Cm</u>	<u>Eb+</u>	<u>G</u>
	C	E _b	G	B	D	F	A
	D →	E _b →	F →	E _b —	E _b →	F →	G →
• →	F —	F →	G →	A →	G —	G →	A →
• →	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E _b →	D —
	F —	F →	G →	A →	G —	G →	A →
→	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E _b →	D —
—	D →	E _b →	F →	E _b —	E _b →	F →	G →
→	B →	A —	A →	B →	C →	B —	B →
→	C →	D →	C —	C →	D →	E _b →	D —
—	D →	E _b →	F →	E _b —	E _b →	F →	G →
→	F —	F →	G →	A →	G —	G →	A →
→	C →	D →	C —	C →	D →	E _b →	D —
—	D →	E _b →	F →	E _b —	E _b →	F →	G →
→	F —	F →	G →	A →	G —	G →	A →
→	B →	A —	A →	B →	C →	B —	B →

M.S.R.P. C D C C D

||: C D C C D E_b D D E_b F E_b E_b F G F F G A G G A B A A B C B B :||

↓
1

↓
2

↓
4

↓
7

TBN II
ALL VOICINGS
ALL CYCLES
C HARMONIC MINOR

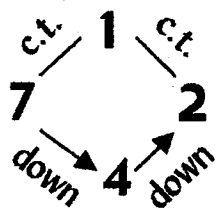
Chord Family: Triad II
B.N.
Voicing Type: Drop 2

Cycle: 2

Scale: C harmonic minor

	<u>B^o</u>	<u>Cm</u>	<u>D^o</u>	<u>Eb+</u>	<u>Fm</u>	<u>G</u>	<u>Ab</u>
	C	D	E _b	F	G	A _b	B
Intervallic							
Voice-Leading	→ D	— D	→ D	→ B	→ Ab	— Ab	→ Ab
2 — c.t.	• — B	→ G	→ F	— F	— F	→ D	→ C
7 → 3rd	• → F	→ Eb	— Eb	→ Eb	→ C	→ B	— B
4 → 2nd	— C	→ C	→ Ab	→ G	— G	→ G	→ Eb
1 — c.t.							

	→ F	→ Eb	— Eb	→ Eb	→ C	→ B	— B
	— C	→ C	→ Ab	→ G	— G	→ G	→ Eb
Functional							
Voice-Leading	→ B	→ G	→ F	— F	— F	→ D	→ C
2 — 1	→ D	— D	→ D	→ B	→ Ab	— Ab	→ Ab
7 → 4	— B	→ G	→ F	— F	— F	→ D	→ C
4 → 2	→ D	— D	→ D	→ B	→ Ab	→ Ab	→ Ab
1 — 7	— C	→ C	→ Ab	→ G	— G	→ G	→ Eb
	→ F	→ Eb	— Eb	→ Eb	→ C	→ B	— B



— C	→ C	→ Ab	→ G	— G	→ G	→ Eb
→ F	→ Eb	— Eb	→ Eb	→ C	→ B	— B
→ D	— D	→ D	→ B	→ Ab	→ Ab	→ Ab
— B	→ G	→ F	— F	— F	→ D	→ C

M.S.R.P. CC Ab G G

||: CC Ab G G G Eb D D D B Ab Ab Ab F Eb Eb Eb C B B B G F F F D C :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 3

Cycle: 2

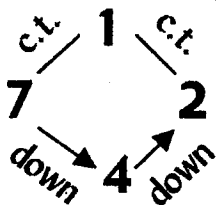
Scale: C harmonic minor

**Intervallic
Voice-Leading**

4 → 2nd
 2 — c.t.
 7 → 3rd
 1 — c.t.

**Functional
Voice-Leading**

4 → 2
 2 — 1
 7 → 4
 1 — 7



	B°	Cm	D°	$Eb+$	Fm	G	Ab
	C	D	Eb	F	G	Ab	B
→	F	Eb	Eb	Eb	C	B	B
• →	D	D	D	B	Ab	Ab	Ab
• —	B	G	F	F	F	D	C
—	C	C	Ab	G	G	G	Eb
—	B	G	F	F	F	D	C
→	F	Eb	Eb	Eb	C	B	B
—	C	C	Ab	G	G	G	Eb
→	D	D	D	B	Ab	Ab	Ab
—	C	C	Ab	G	G	G	Eb
—	B	G	F	F	F	D	C
→	D	D	D	B	Ab	Ab	Ab
→	F	Eb	Eb	Eb	C	B	B
→	D	D	D	B	Ab	Ab	Ab
—	C	C	Ab	G	G	G	Eb
→	F	Eb	Eb	Eb	C	B	B
—	B	G	F	F	F	D	C

M.S.R.P. $\overline{C C A^b G G}$

||: C C A^b G G G E^b D D D B A^b A^b A^b F E^b E^b E^b C B B B G F F F D C :||

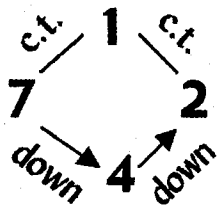


Chord Family: Triad II
B.N.
Voicing Type: Drop 2 & 3

Cycle: 2

Scale: C harmonic minor

		<u>B^o</u>	<u>Cm</u>	<u>D^o</u>	<u>Eb+</u>	<u>Fm</u>	<u>G</u>	<u>Ab</u>
		C	D	E _b	F	G	A _b	B
Intervallic Voice-Leading	→	F	E _b	E _b	E _b	C	B	B
	• —	B	G	F	F	F	D	C
	• →	D	D	D	B	A _b	A _b	A _b
	—	C	C	A _b	G	G	G	E _b
4 → 2nd								
7 → 3rd								
2 — c.t.								
1 — c.t.								
Functional Voice-Leading	—	B	G	F	F	F	D	C
	—	C	C	A _b	G	G	G	E _b
	→	F	E _b	E _b	E _b	C	B	B
	→	D	D	D	B	A _b	A _b	A _b
	—	C	C	A _b	G	G	G	E _b
	→	D	D	D	B	A _b	A _b	A _b
	—	B	G	F	F	F	D	C
	→	F	E _b	E _b	E _b	C	B	B
	→	D	D	D	B	A _b	A _b	A _b
	→	F	E _b	E _b	E _b	C	B	B



M.S.R.P. C C A_b G G

||: C C A_b G G G E_b D D D B A_b A_b A_b F E_b E_b E_b C B B B G F F F D C:||

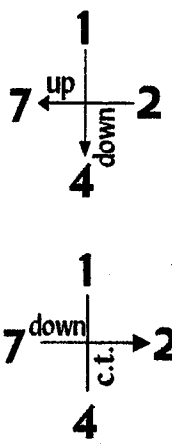


Chord Family: Triad B.N. II
Voicing Type: 4-way close

Cycle: 4

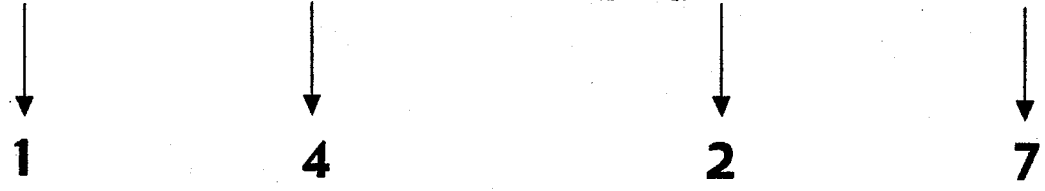
Scale: C harmonic minor

	<u>B^o</u>	<u>E_b⁺</u>	<u>A_b</u>	<u>D^o</u>	<u>G</u>	<u>C_m</u>	<u>F_m</u>
Intervallic	C	F	B	E _b	A _b	D	G
Voice-Leading	→ B	→ G	→ A _b	→ F	→ G	→ E _b	→ F
7 → 3rd	• → F	— F	→ E _b	— E _b	→ D	— D	→ C
4 — c.t.	• → D	→ E _b	→ C	→ D	→ B	→ C	→ A _b
2 → 2nd	— C	→ B	— B	→ A _b	→ A _b	→ G	— G
1 → 2nd							
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A _b
	— C	→ B	— B	→ A _b	→ A _b	→ G	— G
Functional	→ B	→ G	→ A _b	→ F	→ G	→ E _b	→ F
Voice-Leading	→ F	— F	→ E _b	— E _b	→ D	— D	→ C
7 → 2							
4 — 1	— C	→ B	— B	→ A _b	→ A _b	→ G	— G
2 → 7	• → B	→ G	→ A _b	→ F	→ G	→ E _b	→ F
1 → 4	• → F	— F	→ E _b	— E _b	→ D	— D	→ C
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A _b
	→ F	— F	→ E _b	— E _b	→ D	— D	→ C
	→ D	→ E _b	→ C	→ D	→ B	→ C	→ A _b
	— C	→ B	— B	→ A _b	→ A _b	→ G	— G
	→ B	→ G	→ A _b	→ F	→ G	→ E _b	→ F



M.S.R.P. 1) C B B A_b A_b 2) D E_b C D B

1) ||: C B B A_b A_b G G F F E_b E_b D D C :|| 2) ||: D E_b C D B C A_b B G A_b F G E_b F :||

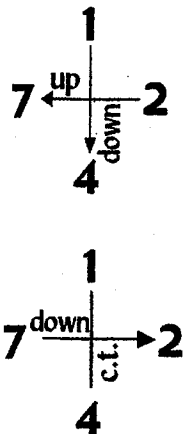


Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2

Cycle: 4

Scale: C harmonic minor

	B°	E_b^+	A_b	D°	G	C_m	F_m
	C	F	B	E_b	A_b	D	G
Intervallic							
Voice-Leading	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
2 → 2nd	• → B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
7 → 3rd	• → F	— F	→ E_b	— E_b	→ D	— D	→ C
4 — c.t.	— C	→ B	— B	→ A_b	→ A_b	→ G	— G
1 → 2nd							
	→ B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
Functional	— C	→ B	— B	→ A_b	→ A_b	→ G	— G
Voice-Leading	→ F	— F	→ E_b	— E_b	→ D	— D	→ C
2 → 7	→ F	— F	→ E_b	— E_b	→ D	— D	→ C
7 → 2	• — C	→ B	— B	→ A_b	→ A_b	→ G	— G
4 — 1	• → B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
1 → 4	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
	— C	→ B	— B	→ A_b	→ A_b	→ G	— G
	→ F	— F	→ E_b	— E_b	→ D	— D	→ C
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
	→ B	→ G	→ A_b	→ F	→ G	→ E_b	→ F



M.S.R.P. 1) $C B B A_b A_b$ 2) $D E_b C D B$

1) $||: C B B A_b A_b G G F F E_b E_b D D C :||$ 2) $||: D E_b C D B C A_b B G A_b F G E_b F :||$

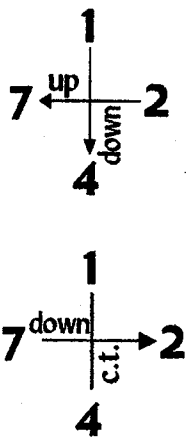


Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 3

Cycle: 4

Scale: C harmonic minor

	B°	E_b^+	A_b	D°	G	C_m	F_m
Intervallic	C	F	B	E_b	A_b	D	G
Voice-Leading	F →	F →	E_b →	E_b →	D →	D →	C →
4 — c.t.	D →	E_b →	C →	D →	B →	C →	A_b →
2 → 2nd	B →	G →	A_b →	F →	G →	E_b →	F →
7 → 3rd	C →	B →	B →	A_b →	A_b →	G →	G →
1 → 2nd	C →	B →	B →	A_b →	A_b →	G →	G →
	B →	G →	A_b →	F →	G →	E_b →	F →
Functional	D →	E_b →	C →	D →	B →	C →	A_b →
Voice-Leading	F →	F →	E_b →	E_b →	D →	D →	C →
4 — 1	B →	G →	A_b →	F →	G →	E_b →	F →
2 → 7	F →	F →	E_b →	E_b →	D →	D →	C →
7 → 2	C →	B →	B →	A_b →	A_b →	G →	G →
1 → 4	D →	E_b →	C →	D →	B →	C →	A_b →
	D →	E_b →	C →	D →	B →	C →	A_b →
	C →	B →	B →	A_b →	A_b →	G →	G →
	F →	F →	E_b →	E_b →	D →	D →	C →
	B →	G →	A_b →	F →	G →	E_b →	F →



M.S.R.P. 1) $C B B A_b A_b$ 2) $D E_b C D B$

1) $||: C B B A_b A_b G G F F E_b E_b D D C :||$ 2) $||: D E_b C D B C A_b B G A_b F G E_b F :||$



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 4

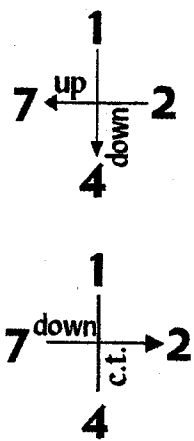
Scale: C harmonic minor

	B°	E_b^+	A_b	D°	G	C_m	F_m
Intervallic	C	F	B	E_b	A_b	D	G
Voice-Leading	→ F	— F →	E_b — E_b →	D — D →	C —		
4 — c.t.	• → B	→ G →	A_b → F →	G → E_b →	F →		
7 → 3rd	• → D	→ E_b →	C → D →	B → C →	A_b →		
2 → 2nd	— C	→ B —	B → A_b —	A_b → G —	G →		
1 → 2nd							

Functional
Voice-Leading

4 — 1
 7 → 2
 2 → 7
 1 → 4

— C	→ B —	B → A_b —	A_b → G —	G →		
→ D	→ E_b →	C → D →	B → C →	A_b →		
→ B	→ G →	A_b → F →	G → E_b →	F →		
→ F	— F →	E_b — E_b →	D — D →	C —		
→ B	→ G →	A_b → F →	G → E_b →	F →		
→ D	→ E_b →	C → D →	B → C →	A_b →		
→ D	→ E_b →	C → D →	B → C →	A_b →		
→ F	— F →	E_b — E_b →	D — D →	C —		
→ C	→ B —	B → A_b —	A_b → G —	G →		
→ B	→ G →	A_b → F →	G → E_b →	F →		



M.S.R.P. 1) $C B B A_b A_b$ 2) $D E_b C D B$

1) $C B B A_b A_b G G F F E_b E_b D D C$ 2) $D E_b C D B C A_b B G A_b F G E_b F$

↓ ↓ ↓ ↓

1 4 2 7

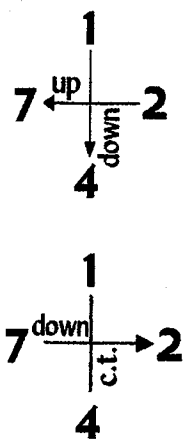
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 4

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

	B°	E_b^+	A_b	D°	G	C_m	F_m
	C	F	B	E_b	A_b	D	G
Intervallic							
Voice-Leading	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
2 → 2nd	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
4 — c.t.	→ B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
7 → 3rd	→ C	→ B	→ B	→ A_b	→ A_b	→ G	→ G
1 → 2nd							
	→ B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
	→ C	→ B	→ B	→ A_b	→ A_b	→ G	→ G
Functional	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
Voice-Leading	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
2 → 7							
4 — 1	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
7 → 2	→ B	→ G	→ A_b	→ F	→ G	→ E_b	→ F
1 → 4	→ C	→ B	→ B	→ A_b	→ A_b	→ G	→ G
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
	→ C	→ B	→ B	→ A_b	→ A_b	→ G	→ G
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
	→ C	→ B	→ B	→ A_b	→ A_b	→ G	→ G
	→ D	→ E_b	→ C	→ D	→ B	→ C	→ A_b
	→ F	→ F	→ E_b	→ E_b	→ D	→ D	→ C
	→ B	→ G	→ A	→ F	→ G	→ E_b	→ F



M.S.R.P. 1) $C B B A_b A_b$ 2) $D E_b C D B$

1) $C B B A_b A_b G G F F E_b E_b D D C$ 2) $D E_b C D B C A_b B G A_b F G E_b F$

↓ ↓ ↓ ↓

1 4 2 7

Chord Family: $\frac{\text{Triad}}{\text{B.N.}} \text{ II}$

Cycle: 6

Scale: C harmonic minor

Voicing Type: Drop 2

**Intervallic
Voice-Leading**

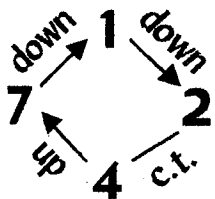
2 — c.t.
7 → 2nd
4 → 2nd
1 → 2nd

	B°	G	E_b+	C_m	A_b	F_m	D°
	C	A_b	F	D	B	G	E_b
→	D	D	E_b	D	C	C	D
• →	B	A_b	G	G	A_b	G	F
• —	F	G	F	E_b	E_b	F	E_b
→	C	B	B	C	B	A_b	A_b

**Functional
Voice-Leading**

2 — 4
7 → 1
4 → 7
1 → 2

→	C	B	B	C	B	A_b	A_b
—	F	G	F	E_b	E_b	F	E_b
→	D	D	E_b	D	C	C	D
→	B	A_b	G	G	A_b	G	F
→	D	D	E_b	D	C	C	D
→	C	B	B	C	B	A_b	A_b
—	F	G	F	E_b	E_b	F	E_b



—	F	G	F	E_b	E_b	F	E_b
→	C	B	B	C	B	A_b	A_b
→	B	A_b	G	G	A_b	G	F
→	D	D	E_b	D	C	C	D

M.S.R.P. \overline{CBBCB}

||: C B BC B A_b A_b B A_b GG A_b G F F G F E_b E_b F E_b D D E_b D C C D :||

↓ 1 ↓ 7 ↓ 4 ↓ 2

Chord Family: Triad B.N. II

Cycle: 6

Scale: C harmonic minor

Voicing Type: Drop 2 & 3

**Intervallic
Voice-Leading**

4 → 2nd

7 → 2nd

2 — c.t.

1 → 2nd

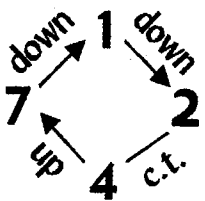
**Functional
Voice-Leading**

4 → 7

7 → 1

2 — 4

1 → 2



	<u>B°</u>	<u>G</u>	<u>E♭+</u>	<u>Cm</u>	<u>A♭</u>	<u>Fm</u>	<u>D°</u>
	C	A♭	F	D	B	G	E♭
—	F →	G →	F →	E♭ —	E♭ →	F →	E♭ →
• →	B →	A♭ →	G —	G →	A♭ →	G →	F —
• →	D —	D →	E♭ →	D →	C —	C →	D →
→	C →	B —	B →	C →	B →	A♭ —	A♭ →
→	D —	D →	E♭ →	D →	C —	C →	D →
—	F →	G →	F →	E♭ —	E♭ →	F →	E♭ →
→	C →	B —	B →	C →	B →	A♭ —	A♭ →
→	B →	A♭ →	G —	G →	A♭ →	G →	F —
→	C →	B —	B →	C →	B →	A♭ —	A♭ →
→	D —	D →	E♭ →	D →	C —	C →	D →
→	B →	A♭ →	G —	G →	A♭ →	G →	F —
—	F →	G →	F →	E♭ —	E♭ →	F →	E♭ →
→	B →	A♭ →	G —	G →	A♭ →	G →	F —
→	C →	B —	B →	C →	B →	A♭ —	A♭ →
—	F →	G →	F →	E♭ —	E♭ →	F →	E♭ →
→	D —	D →	E♭ →	D →	C —	C →	D →

M.S.R.P. C B B C B

||: C B B C B A♭ A♭ B A♭ G G A♭ G F F G F E♭ E♭ F E♭ D D E♭ D C C D :||



Chord Family: Triad B.N. II

Cycle: 6

Scale: C harmonic minor

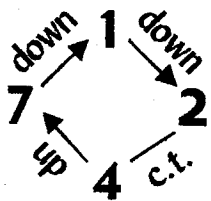
Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

2 — c.t.
4 → 2nd
7 → 2nd
1 → 2nd

**Functional
Voice-Leading**

2 — 4
4 → 7
7 → 1
1 → 2



	<u>B^o</u>	<u>G</u>	<u>E^b+</u>	<u>C^m</u>	<u>A^b</u>	<u>F^m</u>	<u>D^o</u>
	C	A ^b	F	D	B	G	E ^b
→	D	D	E ^b	D	C	C	D
• —	F	G	F	E ^b	E ^b	F	E ^b
• →	B	A ^b	G	G	A ^b	G	F
→	C	B	B	C	B	A ^b	A ^b
→	C	B	B	C	B	A ^b	A ^b
→	D	D	E ^b	D	C	C	D
—	F	G	F	E ^b	E ^b	F	E ^b
→	B	A ^b	G	G	A ^b	G	F
→	B	A ^b	G	G	A ^b	G	F
→	C	B	B	C	B	A ^b	A ^b
→	D	D	E ^b	D	C	C	D
—	F	G	F	E ^b	E ^b	F	E ^b
→	B	A ^b	G	G	A ^b	G	F
→	C	B	B	C	B	A ^b	A ^b
→	D	D	E ^b	D	C	C	D
→	F	G	F	E ^b	E ^b	F	E ^b
→	B	A ^b	G	G	A ^b	G	F
→	C	B	B	C	B	A ^b	A ^b
→	D	D	E ^b	D	C	C	D

M.S.R.P. C B B C B

||: **C B B C B A^b A^b B A^b G G A^b G F F G F E^b E^b F E^b D D E^b D C C D**:||

↓
1

↓
7

↓
4

↓
2

Chord Family: Triad II
B.N.
Voicing Type: Drop 3

Cycle: 7

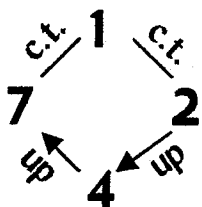
Scale: C harmonic minor

**Intervallic
Voice-Leading**

4 → 3rd
 2 → 2nd
 7 — c.t.
 1 — c.t.

**Functional
Voice-Leading**

4 → 7
 2 → 4
 7 — 1
 1 — 2



	<u>B^o</u> C	<u>A^b</u> B	<u>G</u> A ^b	<u>F^m</u> G	<u>E^b+</u> F	<u>D^o</u> E ^b	<u>C^m</u> D
→	F	A ^b —	A ^b —	A ^b →	B	D —	D —
•—	D	E ^b →	G —	G —	G	A ^b →	C —
•→	B	B —	B	C	E ^b —	E ^b —	E ^b →
—	C	C	D	F —	F —	F	G
—	D	E ^b →	G —	G —	G	A ^b →	C —
—	C	C	D	F —	F —	F	G
→	F	A ^b —	A ^b —	A ^b →	B	D —	D —
→	B	B —	B	C	E ^b —	E ^b —	E ^b →
—	C	C	D	F —	F —	F	G
→	B	B —	B	C	E ^b —	E ^b —	E ^b →
—	D	E ^b →	G —	G —	G	A ^b →	C —
→	F	A ^b —	A ^b —	A ^b →	B	D —	D —
→	B	B —	B	C	E ^b —	E ^b —	E ^b →
→	F	A ^b —	A ^b —	A ^b →	B	D —	D —
→	B	B —	B	C	E ^b —	E ^b —	E ^b →
→	F	A ^b —	A ^b —	A ^b →	B	D —	D —
—	C	C	D	F —	F —	F	G
—	D	E ^b →	G —	G —	G	A ^b →	C —

M.S.R.P. CCDFFF

||: C C D F F F G B B B C E^b E^b E^b F A^b A^b A^b B D D D E^b G G G A^b C: ||

↓
1

↓
7

↓
4

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 7

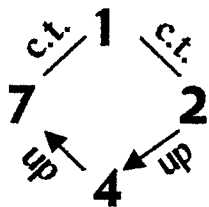
Scale: C harmonic minor

**Intervallic
Voice-Leading**

4 → 3rd
 7 — c.t.
 2 → 2nd
 1 — c.t.

**Functional
Voice-Leading**

4 → 7
 7 — 1
 2 → 4
 1 — 2



	B°	A^{\flat}	G	F^{\flat}	E^{\flat}	D°	C^{\flat}
	C	B	A^{\flat}	G	F	E^{\flat}	D
→	F	A^{\flat}	A^{\flat}	A^{\flat}	B	D	D
• →	B	B	B	C	E^{\flat}	E^{\flat}	E^{\flat}
• —	D	E^{\flat}	G	G	G	A^{\flat}	C
—	C	C	D	F	F	F	G
—	D	E^{\flat}	G	G	G	A^{\flat}	C
→	F	A^{\flat}	A^{\flat}	A^{\flat}	B	D	D
—	C	C	D	F	F	F	G
→	B	B	B	C	E^{\flat}	E^{\flat}	E^{\flat}
—	C	C	D	F	F	F	G
—	D	E^{\flat}	G	G	G	A^{\flat}	C
→	B	B	B	C	E^{\flat}	E^{\flat}	E^{\flat}
→	F	A^{\flat}	A^{\flat}	A^{\flat}	B	D	D
→	B	B	B	C	E^{\flat}	E^{\flat}	E^{\flat}
—	C	C	D	F	F	F	G
→	F	A^{\flat}	A^{\flat}	A^{\flat}	B	D	D
—	D	E^{\flat}	G	G	G	A^{\flat}	C

M.S.R.P. \overline{CCDF} F

||: C C D F F F G B B B C E^{\flat} E^{\flat} E^{\flat} F A^{\flat} A^{\flat} A^{\flat} A^{\flat} B D D D E^{\flat} G G G A^{\flat} C: ||

↓
1

↓
7

↓
4

↓
2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: 4-way close

Cycle: 5

Scale: C harmonic minor

	$\frac{B^{\circ}}{C}$	$\frac{Fm}{G}$	$\frac{Cm}{D}$	$\frac{G}{Ab}$	$\frac{D^{\circ}}{Eb}$	$\frac{Ab}{B}$	$\frac{Eb+}{F}$
Intervallic							
Voice-Leading	→ B	→ Ab	→ C	→ B	→ D	→ C	→ Eb
7 → 2nd	• — F	→ G	— G	→ Ab	→ Ab	→ B	→ B
4 → 2nd	• → D	→ F	→ Eb	→ G	→ F	→ Ab	→ G
2 → 3rd	→ C	— C	→ D	— D	→ Eb	→ Eb	→ F
1 — c.t.							
Functional							
Voice-Leading	→ D	→ F	→ Eb	→ G	→ F	→ Ab	→ G
7 → 2	→ C	— C	→ D	— D	→ Eb	→ Eb	→ F
4 → 1	→ B	→ Ab	→ C	→ B	→ D	→ C	→ Eb
2 → 7	— F	→ G	— G	→ Ab	→ Ab	→ B	→ B
1 — 4	→ D	→ F	→ Eb	→ G	→ F	→ Ab	→ G
1							
7 ^{up} → 2							
4							
1							
7 ^{down} → 2							
4							

M.S.R.P. 1) $\overline{C C D D E b}$ 2) $\overline{B A b C B D}$

1) ||: C C D D E_b E_b F F G G A_b A_b B B :|| 2) ||: B A_b C B D C E_b D F E_b G F A_b G :||

↓
1

↓
4

↓
7

↓
2

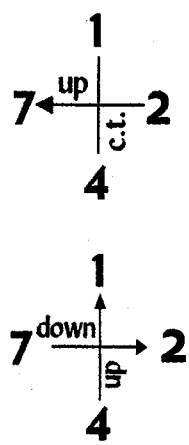
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II

Cycle: 5

Scale: C harmonic minor

Voicing Type: Drop 2

	B° C	Fm G	Cm D	G A_b	D° E_b	A_b B	E_b+ F
Intervallic							
Voice-Leading	→ D	→ F	→ E_b	→ G	→ F	→ A_b	→ G
2 → 3rd	• → B	→ A_b	→ C	→ B	→ D	→ C	→ E_b
7 ↘ 2nd	• — F	→ G	→ G	→ A_b	→ A_b	→ B	→ B
4 → 2nd	→ C	→ C	→ D	→ D	→ E_b	→ E_b	→ F
1 — c.t.							
Functional							
Voice-Leading	→ B	→ A_b	→ C	→ B	→ D	→ C	→ E_b
2 → 7	→ D	→ F	→ E_b	→ G	→ F	→ A_b	→ G
7 ↘ 2	→ C	→ C	→ D	→ D	→ E_b	→ E_b	→ F
4 → 1	— F	→ G	→ G	→ A_b	→ A_b	→ B	→ B
1 — 4	• → C	→ C	→ D	→ D	→ E_b	→ E_b	→ F
	• → B	→ A_b	→ C	→ B	→ D	→ C	→ E_b
	→ D	→ F	→ E_b	→ G	→ F	→ A_b	→ G
	→ C	→ C	→ D	→ D	→ E_b	→ E_b	→ F
	— F	→ G	→ G	→ A_b	→ A_b	→ B	→ B
	→ D	→ F	→ E_b	→ G	→ F	→ A_b	→ G
	→ B	→ A_b	→ C	→ B	→ D	→ C	→ E_b



M.S.R.P. 1) $C C D D E_b$ 2) $B A_b C B D$

1) $C C D D E_b E_b F F G G A_b A_b B B$ 2) $B A_b C B D C E_b D F E_b G F A_b G$

↓ ↓ ↓ ↓

1 4 7 2

Chord Family: Triad B.N. II

Cycle: 5

Scale: C harmonic minor

Voicing Type: Drop 3

	B° C	Fm G	Cm D	G A_b	D° E_b	A_b B	E_b^+ F	
Intervallic								
Voice-Leading	—	F →	G —	G →	A_b —	A_b →	B —	B →
4 → 2nd	• →	D →	F →	E_b →	G →	F →	A_b →	G →
2 → 3rd	• →	B →	A_b →	C →	B →	D →	C →	E_b →
7 ↘ 2nd	→	C —	C →	D —	D →	E_b —	E_b →	F —
1 — c.t.								
	→	C —	C →	D —	D →	E_b —	E_b →	F —
	→	B →	A_b →	C →	B →	D →	C →	E_b →
Functional	→	D →	F →	E_b →	G →	F →	A_b →	G →
Voice-Leading	—	F →	G —	G →	A_b —	A_b →	B —	B →
4 → 1	→	B →	A_b →	C →	B →	D →	C →	E_b →
2 → 7	• —	F →	G —	G →	A_b —	A_b →	B —	B →
7 ↘ 2	• →	C —	C →	D —	D →	E_b —	E_b →	F —
1 — 4	→	D →	F →	E_b →	G →	F →	A_b →	G →
1								
7 ^{up} ↙	1	2						
c.t.								
4								
1								
7 ^{down} ↘	1	2						
4								

M.S.R.P. 1) C C D D E_b 2) $B A_b$ C B D

1) ||: C C D D E_b E_b F F G G A_b A_b B B :|| 2) ||: $B A_b$ C B D C E_b D F E_b G F A_b G :||



Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 3

Cycle: 5

Scale: C harmonic minor

**Intervallic
Voice-Leading**

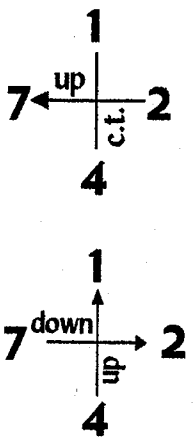
4 → 2nd
 7 ↘ 2nd
 2 → 3rd
 1 — c.t.

	B° C	Fm G	Cm D	G A_b	D° E_b	A_b B	E_b+ F	
—	F	→ G	— G	→ A_b	— A_b	→ B	— B	→
• →	B	→ A_b	→ C	→ B	→ D	→ C	→ E_b	→
• →	D	→ F	→ E_b	→ G	→ F	→ A_b	→ G	→
→	C	— C	→ D	— D	→ E_b	— E_b	→ F	—

**Functional
Voice-Leading**

4 → 1
 7 ↘ 2
 2 → 7
 1 — 4

→	C	— C	→ D	— D	→ E_b	— E_b	→ F	—
→	D	→ F	→ E_b	→ G	→ F	→ A_b	→ G	→
→	B	→ A_b	→ C	→ B	→ D	→ C	→ E_b	→
—	F	→ G	→ G	→ A_b	→ A_b	→ B	— B	→
• →	B	→ A_b	→ C	→ B	→ D	→ C	→ E_b	→
• →	C	— C	→ D	— D	→ E_b	— E_b	→ F	—
• —	F	→ G	→ G	→ A_b	→ A_b	→ B	— B	→
→	D	→ F	→ E_b	→ G	→ F	→ A_b	→ G	→
→	D	→ F	→ E_b	→ G	→ F	→ A_b	→ G	→
—	F	→ G	→ G	→ A_b	→ A_b	→ B	— B	→
→	C	— C	→ D	— D	→ E_b	— E_b	→ F	—
→	B	→ A_b	→ C	→ B	→ D	→ C	→ E_b	→



M.S.R.P. 1) $C C D D E_b$ 2) $B A_b C B D$

1) $C C D D E_b E_b F F G G A_b A_b B B$ 2) $B A_b C B D C E_b D F E_b G F A_b G$

↓ ↓ ↓ ↓

1 4 7 2

Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2 & 4

Cycle: 5

Scale: C harmonic minor

**Intervallic
Voice-Leading**

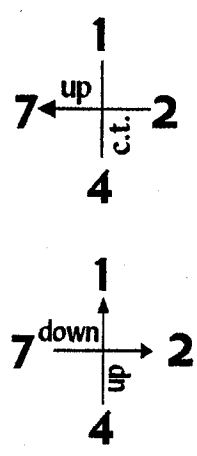
7 → 2nd
 2 → 3rd
 4 → 2nd
 1 — c.t.

	B° C	E_m G	C_m D	G A_b	D° E_b	A_b B	E_b+ F
→	B	A_b	C	B	D	C	E_b
• →	D	F	E_b	G	F	A_b	G
• —	F	G	G	A_b	A_b	B	B
→	C	C	D	D	E_b	E_b	F

**Functional
Voice-Leading**

7 → 2
 2 → 7
 4 → 1
 1 — 4

→	D	F	E_b	G	F	A_b	G
→	B	A_b	C	B	D	C	E_b
→	C	C	D	D	E_b	E_b	F
—	F	G	G	A_b	A_b	B	B



→	C	C	D	D	E_b	E_b	F
• —	F	G	G	A_b	A_b	B	B
• →	B	A_b	C	B	D	C	E_b
→	D	F	E_b	G	F	A_b	G
—	F	G	G	A_b	A_b	B	B
→	C	C	D	D	E_b	E_b	F
→	D	F	E_b	G	F	A_b	G
→	B	A_b	C	B	D	C	E_b

M.S.R.P. 1) C C D D E_b 2) B A_b C B D

1) ||: C C D D E_b E_b F F G G A_b A_b B B :|| 2) ||: B A_b C B D C E_b D F E_b G F A_b G :||



Chord Family: Triad
B.N. II

Cycle: 5

Scale: C harmonic minor

Voicing Type: Double Drop 2,
Drop 3

**Intervallic
Voice-Leading**

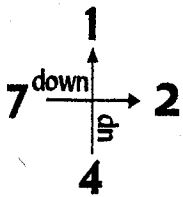
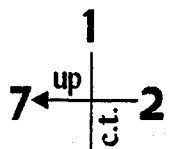
2 → 3rd
4 → 2nd
7 ↘ 2nd
1 — c.t.

	<u>B^o</u> C	<u>Fm</u> G	<u>Cm</u> D	<u>G</u> A _b	<u>D^o</u> E _b	<u>A_b</u> B	<u>E_b⁺</u> F
→	D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
• —	F	→ G	— G	→ A _b	→ A _b	→ B	→ B
• →	B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
→	C	— C	→ D	— D	→ E _b	→ E _b	→ F

**Functional
Voice-Leading**

2 → 7
4 → 1
7 ↘ 2
1 — 4

→	B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
→	C	— C	→ D	— D	→ E _b	→ E _b	→ F
→	D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
—	F	→ G	— G	→ A _b	→ A _b	→ B	→ B
• →	B	→ A _b	→ C	→ B	→ D	→ C	→ E _b
• →	C	— C	→ D	— D	→ E _b	→ E _b	→ F
→	D	→ F	→ E _b	→ G	→ F	→ A	→ G
→	C	— C	→ D	— D	→ E _b	→ E _b	→ F
→	D	→ F	→ E _b	→ G	→ F	→ A _b	→ G
—	F	→ G	— G	→ A _b	→ A _b	→ B	→ B
→	B	→ A _b	→ C	→ B	→ D	→ C	→ E _b



M.S.R.P. 1) C C D D E_b 2) B A_b C B D

1) ||: C C D D E_b E_b F F G G A_b A_b B B :|| 2) ||: B A_b C B D C E_b D F E_b G F A_b G :||

↓
1

↓
4

↓
7

↓
2

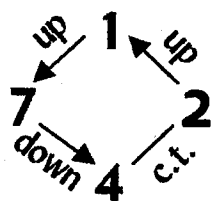
Chord Family: $\frac{\text{Triad}}{\text{B.N.}}$ II
Voicing Type: Drop 2

Cycle: 3

Scale: C harmonic minor

	B°	D°	Fm	A_b	Cm	E_b+	G	
Intervallic	C	E_b	G	B	D	F	A_b	
Voice-Leading	—	D →	E_b →	F →	E_b —	E_b →	F →	G →
2 → 2nd	• →	B →	A_b —	A_b →	B →	C →	B —	B →
7 → c.t.	• →	F —	F →	G →	A_b →	G —	G →	A_b →
4 — 2nd	→	C →	D →	C —	C →	D →	E_b →	D —
1 → 2nd								

	→	F —	F →	G →	A_b →	G —	G →	A_b →
	→	C →	D →	C —	C →	D →	E_b →	D —
Functional	→	B →	A_b —	A_b →	B →	C →	B —	B →
Voice-Leading	—	D →	E_b →	F →	E_b —	E_b →	F →	G →
2 → 1								
7 → 4	→	B →	A_b —	A_b →	B →	C →	B —	B →
4 — 2	—	D →	E_b →	F →	E_b —	E_b →	F →	G →
1 → 7	→	C →	D →	C —	C →	D →	E_b →	D —
	→	F —	F →	G →	A_b →	G —	G →	A_b →



→	C →	D →	C —	C →	D →	E_b →	D —
→	F —	F →	G →	A_b →	G —	G →	A_b →
—	D →	E_b →	F →	E_b —	E_b →	F →	G →
→	B →	A_b —	A_b →	B →	C →	B —	B →

M.S.R.P. $\overline{C D C C D}$

||: C D C C D E_b D D E_b F E_b E_b F G F F G A_b G G A_b B A_b A_b B C B B :||

↓
1

↓
2

↓
4

↓
7

