

Carmichael/Greenberg System Notes

December 20, 2018

Contents

Introduction

Welcome to the latest attempt by Tom to use the \LaTeX family of tools to try to make system notes.

In this version, rather than using just my old macros from back in the day I am incorporating the Bridge Winners style file (with very slight modification). I also have a miniature version of my old macros in bridge-mini.sty that I am including in the project.

I'm using subfiles for the first time, my hope is that having separate files for different chapters of the notes will make management a bit easier, especially using a git repo. My expectation is the "to-do" section will be a list of items that we noted at the table. As things are added to the notes, we can remove them from the to-do list. Perhaps not perfect, but it's a reasonable first pass at managing the project on the whole.

1.1 Code Snippets

Throw some text as a test

OPENER	RESPONDER
1 ♣	1 ♠
1NT	2 ♣
2 ♦	?

You can reference bids such as 1 ♣ 2 ♦ 3 ♥ or 4 ♠ inline, or even cards such as ♣A ♦K ♥Q ♠J. This can be expanded to suit holdings such as ♠AKxx .

5-3-3-2 any 5332 pattern 5=3=3=2 5 ♠, 2 ♣, 3-3 in reds. This is from BW style, previously Tom used (5332) or 5332. (Note there is supposed to be a change of font - seems subtle in this version.)

Comments which are expected to be removed in the "production" version. Can be useful for development.

Testing the Ari version.

1.2 Notation

R Simple Raise

R+1	One above a simple raise
DR	Double Raise
TR	Triple Raise
LMH	Low-Middle-High
LHB	Low-High-Both (Shortness relay after 10+ known cards.)
+1	Next Bidding Step
M	Major. If one has been shown, it is the same one.
OM	Other Major. After a major is shown.
m,om	Minor, other minor.
JS	Jump Shift
DJS	Double Jump Shift

To Do List

Items that we have identified in play that need to make it into the notes.

- To Do

2.1 Mad Scientist Labs

This is a section for crazy ideas that Tom has. While this may seem like a low priority item given we are starting the notes from scratch, some of these ideas may have broad implications for the system. In other words, this is a time to possibly reconstruct the system from the ground up, possibly changing things as we go.

A few examples:

- Hand Evaluation - possible reworking our opening bids and responses using something like ZZs or Zar. This may lead to better asking/showing sequences after shape is known.
- Replacing Stayman. Stayman is Wrong, but a common evil. I've researched other options and modified some of these ideas into something I like. Essentially, $2\clubsuit \rightarrow 2\diamond$. You lose weak majors, you gain getting out in $2\diamond$ and (main benefit) avoid revealing much about the 1NT opener's hand. One item I haven't fully considered is long minor + 4CM. Low priority item.
- $1\clubsuit$ responses. While what we have is fine we might be able to do better, enabling better shape relays that lead into card showing relays.

2.2 Miscellaneous Competitive Auctions

($1\spadesuit$)-X-($2\spadesuit$)-X With some partners, I have played that this double is takeout, and $3\heartsuit$ by doubler promises $5\heartsuit$ while 2NT is artificial showing 4 hearts. See discussion: <http://bridgewinners.com/article/show/2s-x-minors-or-can-it-have-hearts/>

Part I

Opening Bids

System Summary

"TaJ Precision"

Strong Club system with 0+ 1 \diamond . No "Precision" 2 \diamond opener. Most 10 HCP hands opened NV, allowed to pass a 10 Vul. Lighter openers possible with shape.

3.1 Opening Bid Summary

1 \clubsuit	Strong, Forcing, Artificial. Typically 16+ HCP unbal or 17+ bal
1 \diamond	0+ \diamond , 10-15. Denies 5 card major unless 6+ \diamond .
1 \heartsuit	5+ \heartsuit , 10-15
1 \spadesuit	5+ \spadesuit , 10-15
1NT	14-16. 5 card major, 6 card minor, (5422) common.
2 \clubsuit	6+ \clubsuit , 10-15. 5 card suit possible in 3 rd seat for lead direction.
2 \diamond	6+ \diamond , (8)9-12. 5 card suit possible in 3 rd seat for lead direction.
2 \heartsuit/2 \spadesuit	3-9, 5 card suit common NV
2NT	22-23
3x	Natural, aggressive
3NT	Good Major preempt. (Namyats-like)
4x	Natural, aggressive

No special agreements for opening bids 4NT and higher.

3.2 General Principles

- Doubles unless otherwise defined are takeout
- All Strange Bids are Forcing (ASBAF). A general guideline to cover the unknown.

- In an auction where we've committed to a certain level and the opps interfere (including double), pass is generally more encouraging than bidding to the forced the level. A common example is a cuebid (raise) being doubled, then rebidding our trump suit.
- We ignore most doubles by the opponent, bidding retains their meaning. One notable exception is 1 ♣-X

3.3 Relays

TaJ relay as it currently exists. Used in both 1 ♣ auctions and 1M-2 ♦ auctions.

- | | |
|----------------|--|
| Special | In auctions where responder is unlimited, first step shows extra values. Next step repeats TaJ and mirrors the limited relay. |
| +1 | 5-4-x-x Relay for 2 nd suit LMH, then shape NLH. Immediately “zooming” past the 2nd suit LMH relay shows LMH void and 5-4-4-0 |
| +2 | 5-5-x-x or better. Secondary suit is always equal or shorter. Relay for 2 nd suit LMH, then shortness LHB. |
| +3 | 6-4-x-x. Primary suit can be longer. Relay for 2 nd suit LMH, then shortness LHB. |
| +4 | 6+ card suit with shortness, denies 4 card side suit. Relay for short suit LMH. |
| +5 | 5-3-2-2 |
| +6 | 6-3-2-2 or 7-2-2-2. This may also explode into further descriptive items, such as cuebids. <i>Or new relays...</i> |

1♣

1♣ is our general forcing opening, showing roughly 17+ HCP balanced or 16+ unbalanced. The new ACBL convention charts allow for as low as 14 HCP for a forcing bid so long as it meets the rule of 24. (i.e., 10 cards in 2 suits). I don't know how much we will take advantage of the new rule, but it is worth noting.

Like all strong club systems, the strength of the system lies not within the 1♣ opening itself but rather allowing for all other openers to be limited. While we have some special sequences which allow for über max in Taj sequences, most of our simple 1 level openings are going to be lighter than most people open. All of our invitational and competitive decisions revolve around that fact. This can be a factor in deciding between 1♣ and 1M, for example.

As a first pass for Zar, most 1♣ openers should be 32+ Zar. (This is simply doubling 16 and using that as a first guess.)

As I noted in the mad science section, I'm open to changing the response structure if we feel it will better support good relays.

OPENER	RESPONDER
1♣	?
1♦	Negative, typically 0-7 HCP. Can include bad 8s. Roughly up to 19 Zar, based on 52=game and 32=1♣.
1♥	5+ ♠, GF. Generally 8+ HCP, although good 7 is okay. A+K is usually upgraded. Note that 5-3-3-2 with an A and K is 21 Zar, so this fits the scheme well.
1♠	Clubs or balanced (or limited 4-4-4-1), GF. Standard evaluation, although only the Clubs hands are unlimited. Balanced is roughly 8-12 HCP.
1NT	5+ ♥, GF
2♣	5+ ♦, GF
2♦	Semi-positive transfer. 6+ ♥, roughly 3-6 HCP. Not GF
2♥	Semi-positive transfer, 6+ ♠, roughly 3-6 HCP. Not GF

Note *While I like the semi-positives, I recognize that they are taking up valuable bidding space that can likely be better utilized.*

2♠ Big balanced. No 5 card suit, 13+ HCP or 5+ controls. In Zar this equates to 27+.

2NT 1=4=4=4 13+ HCP (PH 8-10)

3♣ 4=4=4=1 13+ HCP (PH 8-10)

3♦ 4=4=1=4 13+ HCP (PH 8-10)

3♥ 4=1=4=4 13+ HCP (PH 8-10)

3♠ ****NEW**** AKQxxxx, any suit. This is different from older versions which had the 1=4=4=4 repeated.

3NT-4♥ 8 card suit transfers, very weak. QJxxxxxx is expected maximum.

4♠ & up Undefined

4.1 1♣-1♦

1♦ is the general negative bid. With the exception of the semi-positive transfers, this is the only bid which does not set up a GF auction.

Crack theory time: one of the ideas I am considering is what would happen in a 1♦ “waiting” style instead of a “negative”. If 1♦ could include some minimum balanced GFs, it could make some auctions easier.

OPENER	RESPONDER
1♣	1♦
?	

Meckwell style rebids except 2NT is 20-21.

1♥ 4+ ♥, can have a longer minor, 1RF. Unbalanced or semi-balanced. Systemic rebid with 4=4=(4-1)

1♠ 4+ ♠, can have a longer minor, 1RF. Unbalanced or semi-balanced.

1NT 17-19 bal, can have 5CM or 6Cm. 5-4-2-2 also possible.

2m Nat NF. Denies 4CM. Typically 6+ cards and unbalanced.

2♥ Kokish Relay. Forces 2♠, Either GF with hearts or GF Bal.

2♠/3m GF Nat, typically 1 suited.

2NT 20-21 bal

3♥ & up Undefined, although game bids are simply to play.

OPENER	RESPONDER
1♣	1♦
1♥	?

1 ♠	4+ ♠, any strength. Typically fewer than 4 ♥. Most rebids are natural NF, minor suits can be canapé. 2NT is an artificial big canapé (6+ m) 1RF. Jumps encouraging but NF with jump shifts being 5-5.
1NT	0-5, no 4CM. Rebids as per over 1 ♠, except 2 ♠ is a natural reverse and 1RF.
2 ♣	0-2 ♥, 5+ to 7. 2 ♦ is waiting and scrambling, 2 ♥ is natural and NF. Other GF. 2NT is a non-canapé GF, 3m is canapé.
2 ♦	Exactly 3 ♥, 5+ to 7. 2 ♥ NF, 3 ♥ Inv. 2NT GF asking for shortness NLMH. Other 1RF, usually canapé.
2 ♥	4+ ♥, minimum. New suits are game tries, 2NT asks shortness NLMH.
2NT	Best raise, nearly GF. 5+ ♥ common, 3 ♣ asks for shortness NLMH.
JS	6+ nat, 5+-7
DJS	Splinter with exactly 4 ♥

OPENER	RESPONDER
1 ♣	1 ♦
1 ♠	?

As per over 1 ♥, except 2 ♥ shows 5+ ♥, 5+-7.

OPENER	RESPONDER
1 ♣	1 ♦
1NT	?

17-19, systems on as per 1NT opening.

OPENER	RESPONDER
1 ♣	1 ♦
2m	?

Natural, NF, denies 4CM. No special follow ups. Jump Shift is a splinter.

OPENER	RESPONDER
1 ♣	1 ♦
2 ♥	2 ♠
?	

2 ♥ is Kokish, forces 2 ♠. Either ♥ or bal, GF. No agreements about bids other than 2 ♠ by responder.

2NT	GF Balanced. Systems on as per 2NT opener.
3 ♣	♥ & m, 3 ♦ for LH.

3 ♦	One suited ♥
3 ♥	♥ & ♠
Other	?

OPENER	RESPONDER
1 ♣	1 ♦
2NT	?

20-21, as per 2NT opener

OPENER	RESPONDER
1 ♣	1 ♦
Other	

Other jumps are natural GF. No special agreements other than ...2 ♠-2NT is a spade raise.

4.2 1 ♣-1 ♥

5+ ♠, GF. ♠ will be the longest suit.

1 ♠ semi-agrees ♠, promising 2+ or 3+ if minimum (up to 19). Begins Taj Relay. By UPH, extra values step applies.

All other non-jump bids are natural. 1NT strongly tends to be (16)17-19 bal or short ♠. Jump bids are not defined.

No follow ups to non-relay auctions, everything is natural. *Clearly a good area to work on better agreements*

4.3 1 ♣-1 ♠

GF, bal (or 4-4-4-1) 8-12 or 5+ ♣.

1NT is most common rebid, and is simply waiting. Direct 2 level bids are natural and promise 6+ cards in the suit. *Adding this from discussion at the table in HI.* Jumps are not defined.

Over non-1NT rebids, it is expected that Responder bids 3 ♣ with clubs unless supporting.

OPENER	RESPONDER
1 ♣	1 ♠
1NT	?

2 ♣	5+ ♣. 2Taj (UPH extra values step), other natural with no special follow ups. <i>New suits 5 cards?</i>
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2♦	4♥, bal.
2♥	4♠, denies 4♥, bal.
2♠	No 4CM, bal.
2NT	1=4=4=4 (UPH only) 8-12
3♣	4=4=4=1 (UPH only) 8-12
3♦	4=4=1=4 (UPH only) 8-12
3♥	4=1=4=4 (UPH only) 8-12

OPENER	RESPONDER
1♣	1♠
1NT	2x
?	

Over one of the balanced 4 card transfers, the general style is bids on the 2-level are strong and asking for controls in descending order (4-3-2-1-0). Specifically 2♠ after 2♦ has an extra step of 2NT to show 4+ ♠, the all show 2-3. Over that 2NT extra step, 3♣ asks controls as above.

2♦-3M or 2♥-3♠ are choice of games. 3NT or 4M is to play.

Other bids are natural. *Likely 5 cards?*

4.4 1♣-1NT

OPENER	RESPONDER
1♣	1NT

GF 5+ ♥. 2♣ is Taj (UPH extra values step), 2♥ is clubs, other is natural. As per the 1♥ response.

4.5 1♣-2♣

OPENER	RESPONDER
1♣	2♣

GF 5+ ♦. 2♦ is Taj (UPH extra values step), other is natural. As per the 1♥ response.

4.6 Semi-Positive Transfers

1♣-2♦ and 1♣-2♥ show 6+ cards in the next suit (transfer) with invitational strength, usually around 3-6. On rare occasions it could even be a “game force” based on shape instead of HCP. (Responder simply rebids game over Opener accepting the transfer.)

2M is NF, typically a non-fitting minimum. 2NT is also NF, although rarely bid over 2M. 3M agrees M and is GF with slam aspirations. New suits a natural and 1RF.

4.7 Strong 4x1

2NT thru 3♥ all show 4-4-4-1 hands with 13+ HCP (UPH only, PH 8-10) bidding your singleton. (2NT is short ♠). Openers rebids are natural, setting trump. No special follow ups. (Cuebids, RKC, etc.)

4.8 1♣-3♠

1♣-3♠ shows a long good suit, AKQxxxx (7th) or better. Typically this is intended to help with slam auctions and opener will know what suit responder is showing.

This is a new agreement, as such there are no follow ups at this time.

4.9 8 card transfers

3NT thru 4♥ show very weak hands with very long suits (8+) transfer style. QJxxxxxx and out is about the best hand. It expected that opener will most often bid Responder's suit, but other bids are natural.

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1 Major

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1NT

Our 1NT opening shows 14-16 HCP. 5422 hands and 5332 hands with a 5-card major are routinely opened 1NT. 5422 hands with a 5-card major and balanced hands with a 6-card minor can be opened 1NT as well.

OPENER	RESPONDER
1NT	?
2♣	Stayman. Promises at least one 4-card major.
2♦	5+ ♥
2♥	5+ ♠
2♠	Range ask. Includes hands with interest in ♣.
2NT	Puppet stayman.
3♣	6+ ♦
3♦	5+ ♦, 5+ ♣, GF
3♥/3♠	1354/3154, GF. Singleton in the suit bid.
3NT	To play
4♣	Gerber
4♦	Transfer to ♥
4♥	Transfer to ♠

7.1 Stayman Sequences

OPENER	RESPONDER
1NT	2♣
?	
2♦	No 4-card major
2♥	4 ♥, could have 4 ♠
2♠	4 ♠, typically denies 4 ♥

OPENER	RESPONDER
1NT	2♣
2♦	?

2♥	Weak hand with both majors. Pass or correct.
2♠	5♠, invitational. All invites with 5♠ go through this sequence.
2NT	Invitational. Promises at least one 4-card major.
3♣/3♦	5+ m, GF.
3♥/3♠	Smolen. 4M, 5+ OM, GF.
4♣	Gerber
4♦	Delayed Texas. 4♠, 6♥
4♥	Delayed Texas. 6♠, 4♥

OPENER	RESPONDER
1NT	2♣
2♦	2♠
?	

P	Minimum, 2-3♠. With exactly 2, 2NT is an option as well.
2NT	Minimum, 2♠. 3m rebids by responder are natural. Still game invitational, but passable.
3♣	Maximum with 2♠, GF. Responder may show 2 suited hands LMH via the next 3 steps.
3♦	Maximum with 3♠. Responder can bid 3NT to offer choice preferring NT, 3♠ to offer choice preferring spades, or 4♠ to sign off. Other bids are unusual, but possible with 2 suited hands.
3♠	Minimum, 3♠. Better than pass, not enough to commit to game.
3NT	Probably a 2-card maximum that forgot to bid 3♣.

OPENER	RESPONDER
1NT	2♣
2M	?

2♠	(Over 2♥). 5♠, invitational. Same followups as over 1NT-2♣-2♦-2♠.
2NT	Invitational. Promises 4 cards in OM.
3♣	5+ ♣ OR 5+ ♦, GF. 3♦ asks for the minor, LH. Other bids are natural, including bidding the other major to confirm a fit there.

3♦	Artificial, confirms a fit in M, typically no shortness. Opener can bid 3M to suggest playing in M, 3NT to suggest playing there, or 4M to insist on M, denying slam interest. Other suit bids are cuebids with hands well suited for slam.
3M	Invitational
3OM	Unspecified splinter. Next step asks, LMH.
3NT	To play
4♣	4M, 6OM, slam try. Opener's 4OM rebid is an offer to play.
4♦	RKC for M
4NT	Quantitative

7.2 Jacoby Sequences

1NT-2♦

1NT-2♦ shows 5+ ♥, any strength. The only defined super-accept over this bid is 3♥, which shows a maximum with 4+ ♥.

Over 1NT-2♦-2♥ we play "transfers over transfers", starting at 2NT. Most invitational sequences start with 2♠:

OPENER	RESPONDER
1NT	2♦
2♥	?

2♠	Artificial, shows an invitational hand with exactly 5 hearts OR 5+ ♥, 5+ ♠ invitational or better.
2NT	GF Transfer to ♣. 5+ ♥4+ ♣
3♣	GF Transfer to ♦. 5+ ♥4+ ♦
3♦	Inv+, "Transfer" to ♥ showing good hearts. 6+ ♥ with 2 of top 3 honors
3♥	Natural, invitational. Denies 2 of top 3 heart honors.
3♠	Unspecified splinter slam try. 3NT relays for LMH. Neither promises nor denies 2 of top 3 heart honors.
3NT	To play.
4♣	Slam try, 6+ ♥, no shortness. Denies 2 of top 3 heart honors.
4♦	RKC for ♥.
4♥	Mild slam try. <i>I assume this is weaker than 4♣? Do we need this many balanced slam tries, especially since opener has a last train 4♦ available?</i>
4NT	Quantitative with exactly 5 ♥.

Opener's responses over 2♠ are similar in nature to 1NT-2♣-2X-2♠:

OPENER	RESPONDER
1NT	2♦
2♥	2♠
?	

2NT	Minimum, 2♥
3♣	Maximum, 2♥. GF
3♦	Maximum, 3♥
3♠	Minimum, 3+ ♥
3NT	DNE. Probably a 2-card maximum that forgot to bid 3♣

Over 2NT, responder can show a 5-card minor or 5-5 majors with various strengths.

OPENER	RESPONDER
1NT	2♦
2♥	2♠
2NT	?

3♣	5+ ♥, 5+ ♣, invitational.
3♦	5+ ♥, 5+ ♦, invitational.

Do you want to play the following?

3♥	5+ ♥, 5+ ♠, <i>invitational.</i>
3♠	5+ ♥, 5+ ♠, <i>GF without slam interest.</i>
3NT	5+ ♥, 5+ ♠, <i>GF with slam interest.</i>

OPENER	RESPONDER
1NT	2♦
2♥	2♠
3♣	?

3♦/3♥/3♠	5+ ♥, 5+ second-suit, LMH
3NT	to play
4m	Cuebid with 5+ ♥, 5+ ♠

OPENER	RESPONDER
1NT	2♦
2♥	2♠
3♦	?

- 3♥** Choice of games preferring ♥
- 3NT** Choice of games preferring NT
- 4♥** To play

7.3 2NT Puppet Stayman

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2 Major

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3-Level Preempts

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3NT

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Other

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Part II

Defensive Bidding

Part III

Carding