

# 2015

Bracketed or highlighted approved by Cenik [ ]✓

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what's about this bid description was not known from previous bidding (don't underline if everything in the description is new)

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## System principles:

- ½: 1♣ 8-13; 1D strong hands w/o 5M and very strong with F1; 1M 14+-21 natural, nf
- ¾: 1D/1H/1S 17+ F1 (1D art.)
- 1H (4)5+H; ½: 14-21 nf; ¾: 17+ F1; 4+H only if 2N rebid, ½: 17-18, ¾: 19-20
- 1N ½: SC: 11-13, GCC: 10-13 (doubleton ♣ if 10); ¾: 14-16 ¾; Mosier runouts
- 2m 10+-14- one-suited or short two suiter natural unbal ½ (GCC excludes 2♣ opener)
- 2M ½ 10+-14- 5+M, unbal. one-suiter or short two suiter <4 OM, not 5332,5422
- 2X 5+ natural SC: 3-16; GCC: 3-14
- 2N <5M, ½: 19-20, ¾: 21-22
- Symmetric relay starting with 2♣ after 2<sup>nd</sup> seat 15+ bal double
- ½: 1♣ SC: art., GCC “natural”, 8-13, either 8-10 any (permitted) or 11-13 unbal 55, 3-suiter, 54M or 7+suit
- ½: 2♣ 10+-14-, SC: Nat, GCC: both majors 5+4+ or 4+5+
- ½: 2D 5-7D, may have void if semi-solid+ 6+D and no 5M
- 3<sup>rd</sup> 1♣ SC: 15+ both majors 5+5+; GCC: 15-16 artificial all unbal
- ½: 1D Art. F1, SC: 14-37; GCC: 10-37
- vs. 1X natural, X is bal. ½: 15+, ¾: 17+; 1N is a 3-suited t/o; 1m-2m 5+S, 4H; 2H 4+S, 5+H like Michaels v. minors
- Competition 1♦-♠ openers: P semi pos vs. (1♠) or lower and X or XX double neg., vs. (2♣) P double neg, X semi pos
- You are not entitled to a cue bid in every competitive auction

## Miscellaneous agreements

- Once shortness is known, but pattern is not, but it is narrowed down to natural nt (no singletons and no more than two doubletons) and pattern cannot always be found below 3♦, and strength is not known to within a 3-point range, 2nd step is weak relay and use max possible suit lengths (e.g., 5333 except not two 6 card suits) to determine scan order for denial cue bids.
- If relay is interrupted and restarted with a control bid, if there are two possible 6+ suits scan each as in 5
- Relay break to 3M (not weak relay) or 4m is “Casper” invitational keycard with 4♦ KC in ♠, 4♣ KC in ♥, 3♠ KC in ♣ and 3♥ KC in ♦:
  - when teller is defined as preempt or semi-positive or double negative, Steps are: No or 0/1/1w/2/2w (max is AKQxxx)
  - when teller is defined otherwise: No followed by regular RKC responses
- Keycard asks do not set trump, but min bid in KC suit not an ask; other than queen ask and king ask, every other bid is a signoff unless otherwise agreed
- 4N is RKC unless 4♣ gerber or 4N otherwise agreed as signoff or natural (e.g., relay auction cheapest nt first relay break)
  - The 4N RKC suit is ♦ except as otherwise agreed; if opener has shown a 5+suit & if Casper RKC not available in opener's suit, then RKC suit is opener's; if opener has two 5+suits, the lowest one that is not clubs takes precedence
- No ask for remainder shape (i.e. 23 32 if 6332) on semi-pos track or higher
- Don't bid a grand if the wheels are coming off
- An ace or a KQ combination in the same suit, add your controls to your points for the purpose of evaluating your hand to respond semi-positive vs. double negative

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## Our primary signal is suit preference, including trick 1.

high (usually 10-9-8) means can stand a shift to at least one of the two highest other suits

low (usually 2-3-4) means can stand a shift to at least one of the two lowest other suits

Play the relative card if you think partner can read it--if you have T98, the 9 is ostensibly neither switch

Confirm or resolve the first signal at the next opportunity if first signal is ambiguous, otherwise tell honor placement or give current count

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# Alerts

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1C:

GCC:	1st/2nd	10-14 all purpose 0+ clubs
SC:	1st/2nd	8-13 0+ clubs
Both:	3rd/4th	5+S,5+H Artificial 15+ F1

1D:

GCC:	1st/2nd	15+ 0+D F1 <6M
SC:	1st/2nd	14+ 0+D F1 usually <5M
Both:	3rd/4th	15+ 0+D F1 <5M

1H:

GCC:	1st/2nd	8-10 4+H "Natural 4 or more, not 4432/4333, 8-10 HCP"
SC:	1st/2nd	14-21 4+H (5 if min)
	3rd/4th	4+H 15+ F1

1S:

GCC:	1st/2nd	8-10 4+S "Natural 4 or more, 0-3H, not 4432/4333, 8-10 HCP"
SC:	1st/2nd	14-21 5+S
Both:	3rd/4th	5+S 15+ F1

1N:

GCC:	1st/2nd:	10-12
SC:	1st/2nd	11-13
	3rd/4th	14-16

2C:

GCC:	1st/2nd	15+ 5+H F1
SC:	1st/2nd	10+-14- 5+C unbal
Both:	3rd	3-14 5+C
	4th	14+PP 5+C

2D:

GCC:	1st/2nd	15+ 5+S F1
SC:	1st/2nd	10+-14- 5+D unbal
Both:	3rd	3-14 5+D
	4th	14+PP 5+D

2H:

Both:	1st/2nd	10+-14 5+H 0-3S unbal.
Both:	3rd	3-14 5+H
	4th	14+PP 5+H

2S:

Both:	1st/2nd	10+-14 5+S 0-3H unbal.
Both:	3rd	3-14 5+S
	4th	14+PP 5+H

# Shortness / Patterns

## Typical rule:

Show start bidding suits or show 3-suiter, then reverser, then shortness, then pattern in order of frequency then numerically (exceptions noted)

## Positive short two-suiter subtrack

2N high shortage, rebid pattern  
 3♣ 5422 or 7411; rebid cheapest clubs with 7411  
 3♦+ low shortage, zoom to pattern

### Pattern

3♦ 5431  
 3♥ 6421  
 3♠ 643  
 3N 742

## Positive long two-suiter subtrack

3♣ high shortage rebid pattern  
 3♦ equal shortage  
 3♦-3♥ Ask  
     3♠ 5611  
     3N 6511  
 3♥+ low shortage, zoom to pattern

### Pattern

3♥ 5521  
 3♠ 553  
 3N 562  
 4♣ 652

## Positive one-suiter subtrack

2♠ high shortage or high and equal  
 2♠-2N; Ask  
     3♣ High and equal 6322  
     (rebid remainder numerically)  
     3♦+ Pattern  
 2N middle shortage, rebid pattern  
 3♣ equal shortage 7222 or 6322 with 3 in the high side suit (rebid by likelihood with 6322 coming first)

3♦+ low shortage zooming to pattern

### Pattern

3♦ 5332  
 3♥ 6331  
 3♠ 7231 or 7321 (no ask)  
 3N 733 (do not run on in a minor)

## Positive balanced subtrack

2♦ Color 44 or 4333 major, rebid 2♠ for 4333, 2N+ rebid doubleton  
 2♥ Rank 44, rebid doubleton  
 2♠ 4333 Minor  
 2N+ Shape 44 doubletons

*Bid natural doubletons (note well b/c out of numerical order)*

2N Doubleton ♠  
 3♣ Doubleton ♣  
 3♦ Doubleton ♦  
 3♥ Doubleton ♥

## Positive 3-suiter subtrack

1st step Hi short, rebid pattern  
 2nd step+ Zoom to pattern

### Pattern

1st pattern 4441  
 2nd pattern 445  
 3rd pattern 454  
 4th pattern 544

## Zooming to controls

- Zoom to controls at the end of the line below 3N
- Do not zoom to controls if the end of the line is above 3N and no 6M for a bidder or 8M for our side has been shown.
- With 12+-13 (1♣), 13-14- (2X) or 14+ (1♦/1♥/1♠) responder) and not in a 3-pt or narrower range, you can zoom past the level of safety with 4+controls and a pre-accept of a slam invitation in the most likely strain

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# Track References

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## *Positive track:*

1♥	4+♠	rebid 2nd suit if exists (1N for ♥ including 3-suiter short minor), then 2♦ if 3-suiter short minor, 2♥ if 4-5+ (2♥ directly if 4-5+ with ♦) or 2♠ with 5+-5+ then see shortness/pattern
1♠	4+♥	
1N	5+♦,4+♣ (rebid 2S 5+♦,5+♣, 2N+ 5+4 (2♦, 2♥ unused) new for 2015	
2♣	5+♣ (includes 5+♣,4♦) new for 2015	
2♦	5+♦ one suiter	
2♥	3-suited, short major new for 2015	
2♠+	4432 or 4333	

If you have a two suiter, bid both suits (NT for ♥ if both majors) with exceptions for both minors in main positive track. With 3-suiter both majors, bid 1♥ then 1N then 2♦. With two suiters, after bidding both suits (but see the next sentence with ♦), bid 2♥ with a reverser or 2♠ with 5-5+. A rebid of 2♦ denies a reverser and a 2♥ following a major shows 4 of first suit and longer ♦s (“reverser with diamonds”). 2♣ followed by 2♥ is a reverser with 4♦ and longer ♣s. One suiters show suit, then rebid 2♠+ (see shortness/pattern).

All hands can be described on the positive and semi-positive track up to a 7 card suit or 11 cards in two suits. There are 5 primary shapes 4432/4333, 5+4, 5+5+, 3-suiter, one-suiter. There are 12 short 2-suiters (6 reversers and 6 non-reversers), 6 long 2-suiters, 4 3-suiters, 4 1-suiters and 9 balanced hands. The balanced hands 4432 are divided into 3 secondary shapes color/rank/shape and the 4333 are divided major/minor; there are 4 shortnesses for each 4432 secondary shape with one pattern each. Two patterns for each 4333 secondary shape. The 5+4s are defined by which suit is long and which suit is short. 4 patterns each. There are six pairs of suits for long 2-suiters, each divided into 3 shortnesses; there are 2 patterns for equal and 4 each for high and low. There are 4 one suiters each with 5 possible shortnesses with 4 pattern-types for high, middle and low (7231 and 7321 are combined) and two each for high and equal and equal. Finally, there are 4 possible 3-suiter basic shapes each with 4 possible patterns. That's 188 hands. Be glad it's symmetric!

**Positive track one up (PT+1)** positive track one up  
(do not use this in positive track or semi-pos competition, but it is used for 2C ½ superchart only not in competition)

SPT has almost as many hands as PT. The equal short does not get unpacked for long two-suiters and 6322s. 3-suiters are also sometimes limited to finding out singleton/void, not what the 5 card suit is. Still about 170 hand types.

**Semi-positive track (SPT):** most bids are 2 up from the positive track except 2♠+ on PT goes to 2D, and 1N goes to 3♣+

1N	4+♠	
2♣	4+♥	
2♦	4432 or 4333 (since rebids are the same as the positive track, do not use extra steps provided by competition)	
2♥	5+♣	
2♠	5+♦, one suiter	
2N	3-suited, short major	
3♣	5+♦,5+♣	
3♦+	5+♦,4♣	

**Semi-positive track +1 (SPT+1)** most bids are positive track three steps up (except doubletons are still natural); possibly heavily modified

DNT the third and fourth suit are only known to be 3 or fewer except for balanced 4333, 4432 and 5332. This takes it down to about 70 hand types. Not enough info to bid low-HCP slams usually unless describer is balanced with the right doubleton or asker has enough controls to care only about opener long-suit length.

**Double negative track or competition track (DNT):** most bids are 5 steps up from the positive track except 2♦ and 3♥+ (modified after 1♥ or 1S openers)

- 2♦ Balanced “4432 or 4333”
- 2♥ “4+♠”, (not 4432, not 4333, not 3-suited with ♠♦♣)  
*may have longer suit;*  
*3-suiter short minor will rebid 2N (spades and hearts), then bid 3♦, then rebid shortness with short hearts zooming to pattern*
- 2♠ 4+♥, <4♠ (not 4432, not 4333, not 3-suited), *may have longer minor*
- 2N 5+♦, 4+♣ two suiter “5+D-4+♣” new for 2015
- 2N-3♣
  - 3♦ 5+♦, 4♣ “4♣ and longer ♦”
  - 3♥ unused
  - 3♠ 5+♦, 5+♣ “At least 5-5 in the minors”
  - 3N unused
- 3♣ One suiter ♣ or 5+♣, 4♦ new for 2015
- 3♣-3♦
  - 3♥+ 5+♣&4♦/5♣/6+♣ can run past 3N with positive, extras and 4+controls, 3♠ asks length of ♣ 5/6+
- 3♦ One suiter ♦ Ask 5/6+ can run past 3N with positive values and extras with 4+controls
- 3♥ 3-suiter short ♥;  $\frac{4}{5}=0$  /  $\frac{1}{1} = \frac{4}{5} = \frac{4}{5}$  relay asks pattern
- 3♠+ 3-suiter short ♠; 3♠ singleton, 3N void can run past 3N with positive values and extras to zoom to 4+controls

Like positive track, rebid 2nd suit with two suiter (except with diamonds), 3♥ is reverser, 3♠ for long two suiter or start of 1-suiter length, 3N+ for non-reverser two suiter.

**Double negative track one step down (DNT-1)** Double negative track, one under. If you get to DNT-2 or lower after showing length on the DNT-1 (e.g., due to an opponent doubling) and partner relays below 3NT show shortness for two suiters: HEL. Similarly HMNL for one suiters

# 1♣ 1<sup>st</sup> / 2<sup>nd</sup>

- 1♣ Superchart: “8-13 artificial all purpose, 0+♣”; GCC: “Natural, but 8-13” 3+♣ or 4=4=3=2;  
8-10 any or 11-13 5+5+, 5+4+Ms, 3-suiters or 7 card suits  
SC odds: 8-10 28% (bal 17%) 11-13 5% 7-card suits (1%) 3-suiters (1%) 5-5 (1.5%) 54M (1.75%)

Leave the short ♣ hand descriptions in the rebid structure in GCC play. Possible to “lie” with those: e.g. overload a bid showing 2 ♣ sometimes with 3 little to stress a lack of stopper. Add this ♣ usually to the diamond suit as default.

- Pass “♣ drop”; may be short if opponents in game range (i.e. responder 0-4-) and 1N looks unbluffworthy
- 1♦ GF, Artificial (16+ if bal)
- 1M 4+M 0-13- “Natural, nf, 0-13-”; rebids see below
- 1N “nf, denies 4M” 0-13-; may have long ♦
- 2♣ “13+-14- stayman”. I.e., want an accept with bal. 10 or better.  
If asked GCC, “Asks trump quality in the majors”. Does not guarantee 4+M.  
1♣ opener rebids 3♦ with both majors and an accept (note this will be a 3-suiter with short ♦, GCC); 3♠+ accepts.  
2N rebid over 2H denies 4♠; rebid 2N with no suit and 13+-14- and 3m with 5m and 13+-14-
- 2♦ “14+-15- stayman”. Guarantees 4+M. I.e. wants an accept with bal. 9 or better.  
1♣ opener rebids 3♦ with both majors and an accept. Other 3-level natural accepts.  
2S rebid shows 5
- 2M “Natural, 14-15-”, looking for 9-13 with 3 card support or 10+ unfitted
- 2N 14+-15- no major. If asked GCC, “nf, not a drop” looking for 9-13
- 3m 14+-15- nat no major. looking for fitted 9 or unfitted 10+
- 3M Natural, “invitational”, looking for 9-13 with 2 card support or 11+ unfitted
- 3N Drop
- 4♣ inv KC ♥
- 4♦ inv KC ♠
- 4M Natural, slam negative
- 4N Keycard ♦

1♣-1H; 1S Nat, 4+S, 8-13  
 1N nf 8-11-, may have long ♦  
 2♣ nat. 8-11-, no major, unbal. may have longer ♦  
 2♦ F1: constructive raise of ♥, 4+trump, 9+ HCP rebid new suit splinter 11-13  
 2♥ weak 4 trump raise mainly blocking  
 2♠ 7-card suit  
 2N 11+-13 no major (usually 5-5 minors)  
 3m 7-card suit  
 3H 5+trump preemptive

1C-1♠; 1N 8-11- nf, may have long ♦  
 2C nat. 8-11- no major, unbal, may have longer ♦  
 2♦ F1, 5+H; rebid  
 2♥ F1: constructive raise of ♠, 4+trump, 9+-13 HCP rebid new suit splinter 11-13  
 2♠ weak 4 trump raise mainly blocking  
 2N 11+-13 <4S, <5H usually 3-suited short ♠ or both minors 5-5  
 3X 7-card suit

Competition over 1♣-1♦ and other game forces.

Priority 1: Use the positive track as modified if available. If below the track, free up the X first (X becomes penalty), then pass (permitting other bidder to X for penalty sometimes), then the first bid.

Priority 2: Get to SPT (modified if 1M, unmodified if 1♣ or 1♦)

Priority 3: Get to SPT+1 modified if applicable (1M opener) or otherwise DNT-2 (applicable for unbalanced hands)

Priority 4: Get to DNT-1

Priority 5: Get to DNT (this is the same as positive for balanced hands and 5 steps up from positive for most unbalanced hands)

This may mean switching tracks during the auction after successive competition.

Note a double permits you to drop two steps from SPT to PT if applicable.

Competition over 1♣ when responder UPH:

GF positive doubles through 1♣

Over X:

1♦ GF artificial

XX=4+♦ note well

Opener has 5 priorities as above.

1♣-(2♦+), X is negative and 2N is lebensohl.

1♣-(1♠)-1N shows **4+♥ note well** (Rest of responder system on thru competition 2♣ (ie. 2♣ or X = stayman) even if no GF artificial bid is available. 2♣/X stayman becomes 0-11 (13-) if at least one major is not available at the 1 level.)

1♣-(1N)-?	natural str	X	strong NT defense
1♣-(1N)-?	showing suit(s)	X	Penalty, system off (i.e., Lebehsohl, cue stayman, unusual vs. unusual)
1♣-(1N)-?	showing unknown suits	X	GF, Rebid relay DNT-1
Runouts over 1♣-P; (X)-	XX	5 card+ suit outside ♣ and minimum ♣ length (0-2 Superchart, 3 GCC)	
		1♦	P/C
	P	no 5 card suit or non-min ♣ length	
		XX	longer diamonds (nf)
	1X	6+card suit	

1♣-1♦ GF, Artificial (continue PT)  
 Natural auction above DNT (pass double inversion).

Nat. NT (4333, 4432, 5332, 5422 or 6322) will be 8-10. Also shapes permissible for 2X will be 8-10- opener

1♣-1♦; 1♥+ PT (do not run on to controls with 3N pattern even if max)  
 4X+ opener relay breaks with freaks  
 4m inv KC ♥/S (e.g. 4 loser KQJTxxxx, KQx, x, x)  
 4M nf not a drop, e.g. non-solid 8 card suit, 5 losers, no voids, E.g., AQxxxxxx, Kx, Jx, x  
 4N KC ♦

After 1 level rebid, responder rebid 2♦+ below 3N is transferring captaincy on SPT shows 15+-17. First control response (2-)4.

# 1♣ 3<sup>rd</sup> / 4<sup>th</sup>

P-1♣; Superchart: 15+ 5+5+ majors F1 (see below for responses)  
GCC: 15-16 all shapes

SC:

- 1♦ art. slam neg. but game raise possible; 1S GF ask; 1N nat. 2♣+ GF captaincy transfer PT-5
- 1♥ xfer to ♠ bal (semi) GF
- 1♠ 2-2 or fewer, inv
  - 1N to play
  - 2♣ 6+♥ inv (fast denials)
  - 2♦ 6+♠ inv
  - 2M drop
  - higher natural
- 1N 4+♠ unbal GF not 4441 stiff major
- 2♣ 4+♥ unbal GF not 4441 stiff major
- 2♦ GF, bal, 3+♥ responder rebid same steps as 1♣-1♦; 1♥-1♠ note well rebids SPT
- 2♥+ SPT (fitted)

P-1♣; 1♥-1♠; ask if xx other major (always assume 4-4 in minors for DNQ)  
Respond numeric with major distribution numeric

- 1 step 3-2
- 2 steps 3-3
- 3 steps 4-2
- 4 steps 4-3
- 5 steps 4-4 zoom to controls starting with 0-1

GCC — Naturalish except 2N is art. GF

P-1♣; 1♥+ — PT GF

- P-1♣; 1♦ — 1♥ — Natural 5+♥; 1N LR+ F1 (note well that no ability to relay after negative)
- 1♠ — Natural 5+♠; 1N LR+ F1
- 1N — Art (Natural or 4441), generic NT system on
- 2♣ — Natural 5+♣
- 2♦ — Natural 5+♦
- 2♥ — Natural 6+♥
- 2♠ — Natural 6+♠
- 2N — GF Art. <5M (E.g., x, x, AKQTxx, KQJ9x or Kx, Kx, Txx, AKQJxx)
- 3m — Natural 6+m
- 3M — GF 5+M (E.g., AKQxxx, x, x, KQJxx)
- 3N — Solid suit, all suit bids P/C

Competition GCC, same as 1D.

Competition superchart: relay auctions possible if responder can describe DNT or below and has a negative call available; responder can correct 3N to 4M without showing extras if responder has undisclosed 3+ support (e.g., has shown 54 minors DNT)

1♣-1D; (2♣+) or 1♣-(2♣)-P or 1♣-(any)-P/X/XX/1D-(2♣+) artificial rebids off; opener cheapest rebid of P, X or XX that doesn't risk the auction being passed out is relay if there's room for DNT or lower. Can't use PT+1 as usual.

In comp: 1♣-(X): P=semi pos, XX: prefer hearts to spades double neg, 1♦ = prefer spades to hearts double neg  
1♥+ pos, PT

P-1♣-(X); P-(P)-xx = gf on pos track

P-1♣-(X); XX/1♦; (any)-2♣ subsequent bidding is relay DNT

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# 1♦

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Superchart this is all hands without 5M which is still 94 hands. Many of the ones that are not major-minor reversers can be shown by transferring captaincy in one range. GCC there is an extra range with only a handful of hand types: 3-suiter with short clubs, 5-5s with short clubs, 7 card suits with short clubs and 643 with 6 diamonds and void club.

Genk, what do you think? If you like it better, let's do it.

1♦ Art. F1; ½ Superchart 14-37 (no 5M if <22, <4H if 2N rebid strength) GCC 10+  
¾ 17+, no 5M, <4H if 2N rebid strength or higher

1♦-? 1♥ ½: "Artificial" semi-pos ("6+ - 11-" superchart, "10-13" GCC) F1, if asked GCC "♣ trump quality ask"  
¾: Art. 4+ (4 must be an ace)  
1♠ ½: "Artificial 0-6- nF" double negative,  
if asked GCC "♣ trump quality ask"  
¾: 0-5- (no aces and no hand with both a K and a Q)  
1N+ ½: 11 and higher GF Superchart, 14+ GF GCC; continue SPT  
¾: Any GF. Controls start with 0-1

1♦-1♥; 1♠ GF continue SPT any number of ♣s (use this with 22+ 5M)  
1N Art., 14-16 ½, 17-18 ¾, generic NT system on, 2+♣ usually  
2♣ 5+♣+4M 14-16 ½, 17-18 ¾; 2♦ art, ask., others and continuations system off  
2♦ 3-suiter short ♣, min (GCC 10-13); 3♣ GF ask, relay on, others natural (singleton or void ♣)  
2♥ 4♥+5+♦, min (5♥+5♦, 0-2♣, min GCC)  
2♠ 4♠+5+♦, min (5♠+5♦, 0-2♣, min GCC)  
2N Art. <4H, 17-18 ½, 19-20 ¾, generic NT system on Note well that transfer to hearts shows 6, stayman w/5  
3m GF 6m one suiter or both m; 14+-16 ½, 17-18 ¾ (GCC may be 12+-16 if 7♦ or 643, open 3♦ with 10-12-)  
3M ½ 7M 0-2♣ 10+-13, ¾: GF corresponding minor

1♦-1♠; P 4♠ (4+♠ GCC) and willingness to play vs. a void  
1N "Art. nf 14-18" ½, "Art. nf, 17-20" ¾, generic NT system on, if asked, "may be unbal"  
2♣ GF, continue DNT (Slam will be challenging to find on this track, good luck)  
2♦-2♠ same as 1♦-1♥; 2X, but strengths up to, but not including GF  
2N Art., stronger than 2N opener 21+ ½ 23+ ¾, <GF, system on  
3m same as 1♦-1♥; 3m, but strengths up to, but not including GF  
3M SC: GF with corresponding m, GCC: 7M short ♣ 10-14 GCC

## Competition for both passed and unpassed hands:

1♦-(?) 1N+ Positive on semi-positive track if available.  
P = semi pos  
X = double neg. After double neg:  
2♣ is relay, GF  
1N is natural  
2♦ is natural

1♦-(X) XX/1♥/1♠ double neg respectively  
XX ♥  
1♥ ♠  
1♠ no major  
after all, 2♣ rebid GF, 1N rebid generic NT system, tends to be unfitted after responder showed M

1♦-(1♥) X/1♠ double neg respectively  
X 4+♠  
1♠ 0-3♠  
after both,



1♦-(X)-P = semi positive - (we have gained 2 steps with X so we can drop to positive track for relay)

XX relay  
1X natural

1♦-(1♥)-P = semi positive - (we can NOT drop to positive track for relay, so we stick with unchanged semi positive track)

X T/O  
1♠ Relay

1♦-(1♠)-P=semi pos, X=double neg

1♦-(1♠)-P; X=relay

1♦-(1N/2♣)-bid GF double negative track or DNT-1; note well this is a different treatment of a str. nt o/c than 1M-(1N)

1♦-(1N/2♣)-X semi pos, P double neg

1♦-1♥; (X) P GF PT  
higher like 1♦-1♥; except 1S is 4S bal min

1♦-1♥; (1♠) P GF PT, higher like 1♦-1♥, X t/o off shape

1♦-1♥; (1N) P GF, SPT

1♦-1♥; (2♣) P GF, DNT-1

1♦-1♥; (2♦) P GF DNT (note well--usually we don't start this high with our relays)

1♦-1♥; (2♥) System off  
(i.e., Lebensohl and cue stayman by responder, natural 2N with generic NT system and stopper asking cue by opener)

general principle: if responder shows a semi-positive after 2nd seat comp., treat 4th seat competition as if 1D-1H; (?)

### Transferring captaincy with 14-15½ 17-18¾

1♦-1N; 2♦+ SPT  
3N+ not captaincy transfers (so don't transfer if your bid would normally be here on SPT; e.g. 2=1=6=4)

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# 1♥

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**If 8 card+ major suit fit found, then 4M non-forcing in relay auctions. If responder shows 6+ card major, then 4M still nf in relay auctions.** 3N is a pattern ask after showing 5-5 where one of the suits is hearts equal short. 5-5S&H opens either. Responder pull from 3N to 4H shows extra length or shape only and is not control showing (e.g. after jump by asker). Assume 1H opener has 5H for purpose of assessing if there's an 8-card fit until he denies one.

1M-semi pos forcing thru 2M

1♥ 14-21, 4+♥ (includes all 5332 and 5422 14s); opener may transfer captaincy after 1♥-1N (bid 1♦ with 22+);

½ 14+-16 must have 5♥; 17+ can have 4. ¾ 17+ F1; 17-18 must have 5♥; 19+ can have 4

1♥- P 0-5, <1 quick tricks, >10 losers if fitted ½ only

1♠ ½ Negative, F1 (4)6-12- or 1 QT (asks for trump quality); ¾ superchart: all <GF, GCC: 0-8-

1N+ GF; ½: 2+Ctrls, good 10+ ¾: Superchart all GFs (note max is 7 if 2+ controls so treat as a semi-pos), GCC: 8+-10-

1N Note well hearts GF (purpose is to right-side NT with no fit)

2♣ Note well spades GF

2♦+ GF; semi-positive track;

1♥-1♠; 1N 16+-21 ½ 19+ ¾ non GF relay, F1  
 2♣ ½: 6-8-; ¾: 0-5 no quicktricks (i.e. no A or KQ combo) Relay off.  
 2♦ GF artificial (no relay); Rebid 2NT to get nt system on with GF  
 2♥ NF  
 P love that two level. **normal action unfitted**  
 2♠ nat. nf, not a drop  
 2N/3♣ xfer to m with nf strength, not a drop  
 3♦ 3+ card inv+ raise  
 3♥ 4 card inv raise  
 3♠ freak splinter with short ♠  
 (e.g., 643/8 loser hand with no quicktricks: -, xxxx, Kxxxxx, Qxx)  
 3N drop  
 4♣/♦ freak splinter raise with short minor  
 4♥ 4+ trump, slam neg  
 2♠ nat  
 2N nat game inv, 2N system on  
 3m nat  
 3♥ 6+♥, ½: 16+-18 ¾: 19-20  
 2♦+ GF, double negative track modified (new for 2015) for unbalanced hands, add one ♥ (except one  
 suiters in ♥). So 3 card support with a one-suiter becomes a two-suiter (e.g., 5=3=3=2 is shown as a 5=4  
 hand) a short two-suiter with 4♥ becomes a long two-suiter and a two suiter with two non-heart suits with  
 support becomes a 3-suiter. With a 4441, show it as a short two suiter with 5 card support if desired or  
 show it as a 3-suiter if you prefer.

2♣ 0-2♠ min ½: 14+-16- ¾: 17-18  
 2♦ 3♠ min ½: 14+-16- ¾: 17-18  
 2♥ 4♠ min ½: 14+-16- ¾: 17-18  
 2♠ 6♥+4♠ ½: 14+ <GF, ¾: 17+ <GF  
 2N ½: 16-18, ¾: 19-20, 2N system on (may only have 4♥) use normal stayman but show ♥ only w/5  
 3m Nat, non-min, forcing on semi-pos  
 3♥ 6+♥, <4S, 14+-16-, 17-18 ¾  
 3♠ 6+♥, 4♠ GF  
 3N gambling with 7 solid and a side A or K  
 4m self splinter, ½ GF ¾ Game in hand

1♥-1N; GF 4+♥;  
 2♣ Relay  
 higher bids transferring captaincy 14+-16 4+ctrls ½, 17-18 5+Ctrls ¾ (exc. the 2♦ rebid)  
 Transfer captaincy (**Use this like you would a splinter rebid in standard--trying to find a no-waste slam**)  
 (Always 5+H in this range) can't show ♣ or 3 suiters; just continue relay for at least one more round with these  
 2♦ Bal 2N rebid continue SPT (i.e. 17-18 1st 2nd, 19-20 3rd/4th)  
 2♥ ♥&♣ continue SPT (2♥+ 14-15 1st/2nd, 17-18 3rd/4th)  
 2♠ ♥&♦ non-reverser, continue SPT  
 2N ♥&♦ reverser SPT  
 3♣+ one-suiter continue SPT

#### Competition:

1♥-(X);  
 P=semi pos  
 XX=T/O  
 1♠=GF Ask  
 XX=double neg w/4+S  
 1S=double neg 0-3S  
 1N+ GF on semi-positive track

1♥-(1♠);  
 P=semi pos  
 X GF ask, respond SPT  
 X=double neg  
 2♣ GF ask, respond DNT  
 1N+ GF on SPT with pos values

1♥-1♠-(X);

P Relay (16+-21 ½, 18+-37 ¾)  
XX double negative  
1N, 16+-18 ½ 18+-20 ¾  
2♣ relay GF  
1N+ GF, SPT  
1N 14+-16 ½ 17-18 ¾ system on

1♥-1S-(2♣);

P non-gf Relay (16+ ½, 18+ ¾)  
rebid X as double neg  
2♦+ GF DNT with semi-pos values(responder can correct 3N to 4♥ with 3♥ and no extra controls) DNT is modified. See 1♥-1♠; 1N-2♦+ 1st/2nd

1♥-1♠-(2♦) relay off

1♥-(1N)-? natural str

X

4♠ inv; 2X natural nf; 2N Tr. Lebensohl; 3X GF transfer Leb

1♥-(1N)-? showing one known suit

P

negative

X relay

2♣ double negative, relay off (2♦ rebid GF art.)

2♦+ GF DNT with semi-pos values (responder corrects 3N to 4♥ w/3♥)

X+ GF SPT with pos values

1♥-(1N) showing two known suits

X penalty, unusual vs. unusual

1♥-(1N)-? showing unknown suits

P, negative; X+ GF SPT with pos values (i.e. system on; X shows 4+♥ not 4432, 4333)

1♥-(2♣ nat)-X=semi pos relay off, P=double neg, higher GF with pos values using DNT (responder corrects 3N to 4♥ w/3♥ no extras)

1♥-(2♦+)

system off xfer lebensohl, note well

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# 1♠

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**If 8 card+ major suit fit found, then 4M non-forcing in relay auctions. If responder shows 6+ card major, then 4M still nf in relay auctions.** Pull from 3N to 4S is extra length only, not control showing. Open this typically with 5-5M to avoid confusion with four only H

1♠ 14-21 nf (includes all 5332, 5422 14) ½, 17-35 F1 ¾, 5+♠ may have 5+♥  
(½ bid 1♦ if you don't want to hear pass with 0-5 no quick tricks)

1♠-P ½ only Double negative (0-5 <1 QT, not a preemptive raise)

1♠-1N ½: Negative 6-12 F1 "Forcing" ¾: all non-GF (treat 1N response as a double negative)

1♠-2♠+ GF, modified SPT see below ¾: treat superchart passed hand positives as semi-positives.

1♠-1N; 2♣ GF continue DNT ½: 19+ ¾: any GF; DNT is modified. Add one spade to unbal hands like in 1♥-1S; 1N-2♦+  
2♦ artificial. S minus ♥ = 2 F1. responder rebids treat like NT system off. ½ 14+-16; ¾ <GF  
2♥ nf 4+♥ and 2+ more hearts than spades  
2S drop, may be unfitted  
2N (nf) lebensohl offering to sign off in a minor note well  
3X inv.  
2♥ 4+♥, ♠ minus H = 1 nf. ½: 14+-16 ¾: <GF Superchart ¾: exactly 5♠, 4♥; open 1♠ ¾ with both majors 5+5+.  
2♠ ♠ minus ♥ = 3+ ½: 14+-16 ¾: <GF  
2N natural, system on ½: 17-18 ¾: 19-20  
3X natural, nf ½: 17-18 ¾: 19-20  
3N+ natural, GF

1♠-1N; 2♠- P love that two level. **normal action unfitted**

2N/3♣/3♦ inv in ♣/♦/♥

3♥ 4+ card inv+ raise

3♠ 3 card inv raise

3N drop

4X splinter

4M 4+ trump, slam negative

Opener is asker on a modified SPT+1. The minors are shown lowest and ♠ is treated like diamonds on SPT. Opener should consider breaking after responder shows 5-5 not including ♠s. After bal or 5-5 two steps ~~is~~ is not weak relay or Casper and becomes a spade length ask, asking for 0-1, 2 or 3♠ and do not run on Note well. 7231 and 7222 with 2♠ are all high and equal. Pure equal and 7 with non-high singleton for non-spade suits has 3♠. After showing 5-5 including spades and high short, 3N will be a pattern ask; 4♣ will also be a pattern ask after 5+5+ with 5+spades equal. After 5-5 non-spades high or equal which will be a 3♠ or 3N rebid, 4♣ asks controls like other tracks. Assume 5521 for high for denial cues.

1S	2m	4+m not 4432/4333 if asked, “may be as few as 4 with any other longer suit”
	2♥	4432/4333 continue SPT+1 where 3N will be ♦ short and 4♣ will be ♠ short
	2S	5+♥ possibly ♠, 3♣ reverser with 4♠ 3♦+ one suiter, continue SPT+1 (except 2731 is also high and “equal”)
	2N	5+♠ one suiter, continue SPT+1
	3♣	3-suiter short minor, continue SPT+1
	3♦	5+♠, 5+♥ continue SPT+1, but 3N will be a pattern ask over 3♠ rebid since 5-5 includes ♠
	3H+	5+♠, 4♥ SPT+1
1S-2♠; 2♦-	2H	♣s and diamonds 4+4+ unbal continue SPT+1 (3-suiter, reverser, 5-5, then 5+4s zoom to shortness)
	2S	♣s and hearts continue SPT+1 (reverser, 5-5, then 5+4s zoom to shortness)
	2N	5+S, 4+♣ continue SPT+1, but since 5-5 will include spades, 1S-2♠; 2♦-2N; 3♣-3♦; 3S-3N is a pattern ask
	3C	4S, 5+♣ continue SPT+1
	3D+	5+♣ one suiter SPT+1

### Competition

1♠-(X); P	semi pos XX GF ask respond semi pos with regular SPT suit order (3N is a pattern ask after showing 5-5 including ♠ equal, which would be a 3♠ bid on SPT)
XX	double neg (also if 1S-(X)-XX-(2C)-?) 1N natural 14+-16 /17-20, system on 2♣ GF Ask competition track / DNT 2D+ natural
1N+	GF SPT with regular suit order (e.g., 1N=4♠) but 3N is a pattern ask after showing 5-5 including ♠ equal (a 3♠ bid)

1♠-(1N)-? natural str	X pen; 2X natural nf; 2N xfer leb; 3X inv+ xfer leb
1♠-(1N)-? showing 1 known suits	P neg, F1; X+ GF unmodified SPT; note well no double negative X rebid GF; responder uses modified SPT+1 (but may be passed for penalties) 2♣+ like 1♠-1N; ?
1♠-(1N)-? showing 2 known suits	X penalty, unusual vs. unusual
1♠-(1N)-? showing unknown suit(s)	P neg, F1; X+ GF unmodified SPT; note well no double negative X rebid GF modified SPT + 1 (but may be passed for penalties) 2♣+ like 1♠-1N; ?

1♠-(2♣); P	negative X relay; responder uses DNT (may correct 3N to 4S with 3S and no extras)
X+	GF SPT+1 modified

1♠-(2♦+) system off, transfer Lebensohl if 2N available

Further competition do not go above SPT+1 i.e., no modified DNT.

2016: add relay break after competition dropping to SPT.

# 1NT

Forty-six hands (room to show fifty five so intuitive and mostly symmetric) first cut is “colors first” 4H, 4S no H or <4M. For no major, it’s divided into club one suiter, both minors and diamond one suiters. there are 3 kinds of C one suiters 6322, 4333 and 5332. For majors, it’s divided into 44Mm or 4333, both majors, minor reversers, 54 minor and 5332. There is symmetry for the two minors and for the two majors: one exception 44 Mm/4333 starts one step higher for spades.

Superchart: “11-13” ½, GCC: “10-13” ½. 4333, 4432, 5332, 5422 or 6322 with 6m. GCC 10 HCP have a doubleton ♣ and not 4=4=3=2

¾ 14-16: use generic NT system (~p. 18)--almost all hands will stop in a partial superchart, but short club hands may force game GCC

½ seat: use the following:

1NT-	2♣	GF art
	2♦	puppet to 2♥ (all purpose) to sign off or in any strain or invite in both majors or offer choice games in a minor; bid this if you don’t want partner to pass with 3 of your major over stayman.
		2M/3m signoff
	2N	5+♠/5+♥ inv
	3♥	4♠/5+♥ inv
	3♠	5+♠/4♥ inv
	3N	One or both minors, choice of games
2M		inv stayman (2♠ denies 4♥) forcing on opener with 4M or maximum
	P	3M <4♠ min
	2♠	4+♠ <4♥ min nf not a drop
	2N	2M, 2-3oM min drop
	3♣	Art. Fitted 3 card raise max GF (<4♠ over ♥, <5♥ over ♠)
	3♦	Art. 4M with min inv
	3♥	4 with max over ♥, 5 with max over S GF
	3♠	4♠ with max over both GF
	3N	unfitted max
	2N	inv no major
	3X	inv 5X
	3N	drop
	4♣	gerber
	4♦/♥	Texas
1N-2♣; 2♦	2♦	4+♥
	2♥	4+♠ no 4♥
	2♠	♣ one suiter (rebids like ♦ one suiter)
	2N	Rank: Both minors 3♦: 2=3=4=4, 3H: 3=2=4=4, 3S: 2=2=4=5, 3N: 2=2=5=4 (frequency, then numeric)
	3♣+	♦ one suiter
	3♣	6♦ 6322 rebid numeric
	3♦	3=3=4=3
	3♥+	5♦ 5332 zoom numeric
1N-2♣; 2♦-2♥;	2♠	4♥+4m or 3433
	2N	
	3♣	4H+4♣ low suit rebid numeric
	3♦	3=4=3=3
	3♥+	4♥+4♦ high suit zoom numeric
	2N	Rank: 4+4+ majors: 4=4=2=3, 4=4=3=2, 4=5=2=2, 5=4=2=2 frequency, then numeric
	3♣	4♥+5m rebid numeric
	3♦	5♥+4m rebid numeric
	3♥+	5♥ 5332 zoom numeric
1N-2♣; 2♥-2♠;	2N	4♠+4m or 4333
	3♣	
	3♦	4♠+4♣ low suit rebid numeric
	3♥	4=3=3=3
	3♠+	4♠+4♦ high suit zoom numeric

3♣	4♠ + 5m rebid numeric
3♦	5♠ + 4m rebid numeric
3♥+	5♠ 5332 zoom numeric

Relay in comp: Do not go above or below before pattern; system off above. After pattern shown, use up to 2 steps.

1N-(2C) two known suits unusual vs. usual. 1N-(2C)-other system on. Higher xfer Leb, neg doubles 2D-4D+5m  
 1N-(X) woolsey or unknown suit or known suit(s), XX penalty 2C+ system on

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## 1NT-(X) penalty

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Mosier (except for showing the 6-card minor)

1N-(X)- P	to play
2X	to play
XX	F1 any two suiter (assume 5-5), 2X P/C
2N	xfer lebensohl ½, both minors preemptive ¾
3X	xfer Lebensol GF ½, preemptive ¾

1N-(X)-P; XX any 5+ card suit (responder rebids 2♣ P/C, 2X nat drop, 2N+ xfer Leb)

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## 2♣ (1<sup>st</sup> / 2<sup>nd</sup>) Superchart

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As many hands as positive track restricted to 5+C no long two-suiters (30). Room for 34 but we're showing 643 with D over 3N so 6 unused steps. Mostly PT+1 except for 5+4 with side D.

2♣	10+-14 5+♣ unbal 1-2 suiters (5422 and 5332 not allowed open 1N or 1♣ instead) usually denies 5+5+
2♣-	2♦ GF art.
	2♥/♠ natural, nf not a drop
2NT	Limit raise (nf) (also in comp)
3♣	competitive
3♦	natural, nf not a drop
3M	natural GF. Then new suit by opener = shortness here with 3+card support
4D	RKC ♣

2♣-2♦; GF art.  
 2♥ Some void (643 or 742)  
 2N 4S, rebid HELL 3H unused  
 3♣ 4D, rebid HLL  
 3D+ 4H HELL, 3H unused  
 2S+ like the 2D-2H; rebids  
 2S 6♣ 1-3 both majors  
 3♣ One suiters 6322, rebid numeric (option to open 1N instead)  
 3D 6421 no major rebid numeric  
 3H+ One suiters 6331 numeric  
 2N 4S rebid HELL (E: 7411)  
 3♣ 4D 5 or 7♣ (HEL the E is 7411)  
 3D+ 4H HELL (E: 7411)

2♣-2M; ?  
 2M response = nf not a drop.  
 2N no fit, game inv  
 3♣ no fit, drop  
 3om unknown splinter (3oM asks)  
 3M min bal or 3 trump raise  
 2/3oM natural inv (jump F)

2Y-3m; 3Y no fit  
 2♠-3♥ 3♠ no fit min (3N max)

**2X-3M** **When Natural and Forcing,**  
 2X-3M; 3N unfitted  
 4X good raise no shortness  
 4M bad raise no shortness  
 New Suit at 3 or 4 level = raise with shortness, if 3 is available then 4 s/b void.

**Competition:**

X penalty  
 All else natural, 3 over 2 forcing only if 3♥ or higher  
 3/3 natural and forcing

Relay in comp: see 2D

# 2♣ (1/2) GCC

18 hands (2.64%, but they may open ahead) about twice per day of GCC play.

2♣: both majors 4+5+ or 5+4+ 10-14

2♣-? 2♦ GF art.  
 2M drop  
 2N inv unfitted  
 3m better minor  
 3M not accepting nat.  
 4m south african texas optional  
 3♣ inv in ♥ or both majors  
 3♦ spades longer than hearts  
 3♦ inv in ♠  
 3M drop

2♣-2♦; 2♥+ continue PT as if 1♣-1♦; 1♥-1♠; 1N-2♣; 2♥+

**Competition:**

2♣-(X)-P = ♣s nf; XX = ♦ nf; higher, system on

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# 2♦ (1/2)

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24 hands (5% of hands qualify, but half of those also qualify for 1C or 1N so 4% if we open with a better than average suit; also they may open ahead; about 2 hands per day. Base rate for partner to have 14+ is 20% so about one 2D relay per 2 days of play)

2♦ 10+-14- 5-7♦ unbal (5422 and 5332 go to 1C or 1N), no 5-5s, no 6-5 w/major, voids have to have a semi-solid 6+suit  
With a void and a semi-solid+ 6+card suit, show the hand with the closest distribution then bid 4♣.  
This shows a death wish and either a void or a max with extra controls.

2♦- 2♥ GF Ask  
2♠ nf, not a drop  
2N nf with ♥, not a drop  
3♣ no fit nf 0+♣  
3♣ F1 limit raise ♦ or inv ♣ or inv major or better (rebids show suits and not stoppers)  
3♦ min  
3♥ 5♥ GF  
3♠ 5♠ GF  
3N No 5M  
3♥ 4♥ max  
3♠ 4♠ max  
3N max no 4M  
3M natural, forcing  
4♣ optional RKC ♦

2♦-2♥; 2♠ 6♦, 1-3 both majors  
2N 4♠, 5-7♦, rebid HELL (E: 4=1=7=1)  
3♣ 4♣, 5 or 7♦, 1=3=5=4, 1=1=7=4 or 3=1=5=4 (HEL, E: 1=1=7=4)  
3♦+ 4♥, 5-7♦, HELL (E: 1=4=7=1)

2♦-2♥; 2♠-2N; 3♣ One suiter 6322, rebid numerically (3♥ weak relay over this per usual balanced rule)  
3♦ 1=2=6=4 or 2=1=6=4, rebid HL.  
3♥-3N 6331 numerically

In comp do use steps below the track; above the track rebid 3M with 4M.

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# 2♥ (1/2)

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5 basic hand types: high, middle, low, club freak and diamond freak. 5 hand each types for the two freaks. 6 patterns for hi and 6 each for middle and low. 28 hands with safety level for 6 card suits often 4M. Same for 2S. ~2% of hands, but they may open 1st seat. About 1/day. Base rate for partner to have 14+ is 20% so a 2H relay once per 5 days.

2♥ 10+-14- 5+♥, unbalanced, 0-3♠ (Steps over 2♠ GF go as hi, mid, 4+♦, low equal equal low H/CMDLEELLL. **Note Weelll**)  
no 5422s  
no 5+-5+ two suiters except 6=5 with two singletons or void  
no 7321 (open 1♣/1♦/1♥ depending on club length and strength)  
no 7-4 with high void  
With 10+-13, there is the option to open 1♣ instead (requires 3+♣ GCC) with a 7-card suit  
Most 6 card suits are at the 4 level (and almost all for 2S) so bid 3N directly when you can't stand a 4 level response.  
Responder can rebid 4M with a good trump suit opposite stiff small.  
A jump to 4N if 4C isn't available as Casper KC H, then the jump or raise to 4N is RKC in ♥.



- 2♠; Artificial GF  
 2N= High Short 2-3♣ OR ♣ freak (6 trump, 4+♣, two singletons or void) with any short  
 2N-3♣ Ask  
 3♦=side ♣s & 6+ trump and void or 2 singletons  
 3♦-3♥ Ask (respond HELLL)  
 3♠ hi void 0=6=3=4 or 0=6=2=5 (no pattern ask as usual)  
 3N equal 1=7=1=4 or 1=6=1=5 (no pattern ask as usual)  
 4♣ low zoom 3=6=0=4  
 4D 2=6=0=5  
 4♥ 2=7=0=4  
 3♥+ Hi short--there are no equals in this branch  
 3♥ Hi short: 1=5=3=4  
 3♠ Hi short: 1=5=4=3  
 3N Hi short: 1=6=3=3  
 4♣ Hi short: 1=6=2=4  
 4♦ Hi short: 1=6=4=2  
 4♥ Hi short: 0=7=3=3  
 3♣ Middle (same rebids as below but second equal is 7222)  
 3♦ 4+♦/6+♥/void or 2 singletons. "diamond freak"  
 3♥ ask  
 3♠ high void 0=6=4=3, 0=6=5=2 or 0=7=4=2  
 3N equal 1-1 1=6=5=1 or 1=7=4=1  
 4♣+: 3=6=4=0, 2=6=5=0, 2=7=4=0  
*See above 2♥-2S; 2N-3♣; 3♦-3♥ for HELLL responses.*  
 3♥ Low short: 3=5=4=1  
 3♠ 2=6=3=2 (first low/equal numerically; middle and equal will be first middle/equal numerically 2=6=2=3)  
 3N 3=6=2=2 pure equal (2=7=2=2 if after middle)  
 4♣ Low short: 3=6=3=1  
 4♦ Low short: 2=6=4=1  
 4♥ Low short: 3=7=3=0  
 2N inv unfitted <5S (subsequent action as if 1♥-(X)-XX in standard)  
 3♣ inv 5+♠ with 0-2H  
 3♦ semi-fitted non-minimum  
 3♥ unfitted minimum  
 3♠ fit and a minimum  
 3N unfitted max  
 4m singleton or void 3 trump  
 4♥ Self supporting suit  
 4♠ 3 trump, bal or unbal slam negative  
 3♦ inv+ 3/4♥  
 3♥ blocking  
 3♠ splinter  
 4♣ splinter  
 4♦ splinter

Over opponent's t/o double: 2♥-(X)-XX = penalty; 2♥-(X)-2♠+ = system on  
 Relay in comp: Assume this is DNT for 2♠ opener. Before pattern, take up to 1 step below for ♠ (because now you're on the ♥ track), none for ♥. Do not go above exc as noted here. After pattern, take up to 4 steps below for ♥, 5 steps for ♠. After 2♥-2♠; (3♦/3♥)  
 P=clubs, X=diamonds, 1st bid+ is 5/6/7 one suiter

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# 2♠ (1/2)

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~2% of hands, but they may open 1st seat. About 1/day.

2♠ 10+-14 5+♠, unbalanced 0-3♥ (See 2♥ but note well responses are 1 up from the 2♥ responses)  
If 4♦ relay break to Casper keycard not available, and 4N is KC, then 4N is RKC in spades *per usual*

Responses like to 2♥, but one up

2♠-3♦;	3♥	either a minimum or weak fit and suggestion to play here.
	3♠	unfitted min
	3N	unfitted max
	4m	3 trump and a singleton or void and enough to force game
	4♥	3 trump no singleton (6=3=2=2) or singleton and slam negative, but enough to force game
	4♠	self supporting suit

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# 2X (3/4)

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2X 5+X, 3-16 Superchart; 3-14 GCC (about 8 hands per day we'll hold this hand in 3rd or 4th seat, but usually it won't go P-P)

(Superchart: note that the passed hand is typically 0-8- with too many losers to open at the 3 level or no 6 card suit)

(GCC: note that passed hand is limited to 10- with too many losers to open at the 3-level or no 6-card suit and limited to 9 if a 1C shape)

2Y	natural, drop
2N	natural F1
3W	natural F1
3X	non-forcing, not a drop
3Y/4W below game	natural F1
3N/4Y below game	drop
4M/5m	drop

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# 2N

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½ 19-20 Natural (1.26% to hold it, but they may open ahead). About once per day of play

¾ 21-22 Natural (0.3% to hold it, but they may open ahead). About once per 5 days of play

Generic NT system (no puppet because 5+M are opened 1♦/♥/S)

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# 3X

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Base rate for a slam for our side is 6.8%; preempt is about 10% so preempt KC is less than 1% about once per 1.5 days of play.  
3♣-3♦ preempt KC no thanks or 0, 1 w/o, 1 with, 2 without, 2 with

3X-4♣ preempt KC

4C-4D Preempt KC

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# 3N

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The chance that you will hold this is ~0.4% or about once per 5 days of play

Solid suit, no side A or guarded K  $\frac{1}{2}$  9-14 ; may be AKQJxx NV v. V or with side long suit. Assume AKQxxxx unless favorable.

3N-#♣ P/C

3N-4♦ Length ask. 1st step no extra honor, no extra length. 2nd step extra honor, 3rd step+ extra length. Next ask shortness NHML.

3N-#M Natural

3N-5+D P/C

3N-else Natural unless otherwise agreed

3N-4♣; 4X-4N like an initial 4♦

Ask in comp: use the steps

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# Competitive

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Power double vs. precision diamond, natural one bids and other artificial bids at the one level that are less than 13.5 HCP based on arithmetic average of range. For power doubles over 1H and 1S natural in second seat, we play the 11-13 NT 1st/2nd system on by advancer. One of the stayman bids will be a cue bid. If they bid 1H, let's make our 2H bid into a Jacoby transfer to S showing 5+S inv+. If they bid 1S, let's make 2H 4H inv and 2S 5H inv+ (and 3H 6H inv, but 3S unused for now.)

Vs. precision

(1♣)

X	Shape, blacks or minors 4+5+ or 18+ bal (rebid 1N 18-20 or 2N 21-23)
1D	Nat wide range 0-16
1M	Nat wide range
1N	5+S,4H
2♣	Nat wide range
2D	4+5+ reds wide range
2H	4+5+ majors wide range
2S	6+S weak
2N	Strong (15+) 5+5+ 2-suiter any ( $\leq 4$ losers)
3X	nat weak

(1C)-(1D)

X	Any two suiter except the majors or 18+ bal (rebid 1N 18-20 or 2N 21-23)
1M	Nat
1N	5+S,4H
2m	Nat
2H	4+5+ majors
2S	6+S weak
2N	Strong (15+) 5+5+ 2-suiter any ( $\leq 4$ losers)
3X	Nat. weak

(1D)	X	strong, 15+ bal respond nat nf at one level, two level like 1N 1st/2nd UPH, 1N 3rd/4th PH
	1M	Nat.
	1N	3+4+ or 4+3+ majors; takeout of at least one minor
	2m	Nat.
	2H	4+S & 5+H weak
	2S	6+S weak
	2N	Strong (15+) 2-suiter any ( $\leq 4$ losers)
	3♣	Nat.

Vs. standard

(1♣)	X	15+ bal 2nd, 17+ bal 3rd/4th; respond nat nf at one level and two level like 1N 1st/2nd UPH, 1N 3rd/4th PH
	1X	Nat
	1N	3-suiter any usually not ♣; values like a takeout double but limited, equilevel conversions
	2♣	5+S, 4H <15/<17 or 5+5+ 15+/17+ (rebid 2N with 15-17/17-18 and 3N with 18-19/19-20)
	2D	4+5+ reds
	2H	4+S, 5+H limited
	2S	6+S
	2N	15+ 2nd/17+ 3rd/4th Spades and another or strong 3-suiter
	3♣	15+ 2nd/17+ 3rd/4th Diamonds or reds;
	3R	P/C
	3S	GF
		3N D
		4♣ reds

(1D 3+)

	4C	strong with spades or hearts one suiter
		If 2+, use precision defense
	X	15+ bal 2nd, 17+ bal 3rd/4th; respond nat nf at one level, 2 level like 1N 1st/2nd UPH, 1N 3rd/4th PH
	1M	Nat.
	1N	3-suiter any usually not D; values like takeout double but limited, equilevel conversions
	2♣	Nat.
	2D	5+S, 4H weak or 5+5+ 15+/17+ facing PH
	2H	4+S, 5+H weak
	2S	6+S
	2N	15+ 2nd/17+ 3rd/4th Spades and clubs or all 3 (at least 5-4 w/4+S GCC)
	3♣	nat weak
	3D	15+ 2nd/17+ 3rd/4th Clubs or H&C.
	4D	Strong one suiter in one major

(1H)	X	15+; 1S nat. nf, 1N denies S nf, 2♣+ UPH like 1N 1st/2nd, PH like 1N 3rd/4th
	1S	nat.
	1N	3-suited t/o of H
	2m	nat.
	2H	4+S, 5+m
	2S	6+S
	2N	15+/17+ Spades & m strong or all 3 (at least 5-4 w/4+S GCC)
	3m	nat
	3H	15+/17+ one or both minors
	4H	strong hand long S
(1S)	X	15+ bal, stopper; 1N nf, 2♣+ UPH like 1N 1st/2nd, PH like 1N 3rd/4th
	1N	3-suited t/o of S
	2X	Nat.
	2S	5+-5+ or 4-6+ H&m; 2N bid major if 5+M, minor otherwise; 3m pass or correct
	2N	15+/17+ H&m or all 3 at least 5-4 GCC w/4+H
	3S	15+/17+ ♣/D or both

(2C str) Suit bids same as vs. prec. 1C one level higher, 2N is str. 5-5 any

(2C)-(2D)	X	Lead
	2 suit	Nat.
	2N	Any 2-suiter weak 5+5+
	3 suit	Nat.

After natural opening (1X)-1N-(X)-XX = 4 in highest unbid (HU), 2W/2Y=5(or 3-suited short HU), P=2-3HU

Followups for Roman Overcalls (two known suits):

When the 2 suits are a major and a minor, 2NT is an artificial game try. Overcaller assumes advancer has 3 cards in the major and rebids 3m with a min and 4 cards in the major. 3om, non-min with 4card major. 3M = min with 5 in major, 3OM = non-min 5 cards in major.

SPECIAL FOLLOWUP when the suits are BOTH MAJORS (here it is important to uncover a 6-4): 2NT asks:

3♣ = minimum with extra shape (responder relays shape with 3D and overcaller bids 3H/3S as below)

3D = MIN 4-5 (5-4 after (1m)-2m)

3H = 4-6 extras (6-4 after (1m)-2m)

3S = 5-5 extras

3NT = 4522 extras. (5422 after (1m)-2m)

vs. strong NT (average of top and bottom of range at least 13.5)

X	two-suiter rank 4+-5+ weak
2♣	4+M, 5+♣ weak Then 2D asks for Major, 2M is own suit to play. Same if they double 2♣.
2D	4+M, 5+D weak Then 2M is P/C
2M	Nat weak
2N	Strong 2-suiter any 15+

vs. wk NT

X	15+/17+, 2nd 1N 1st 2nd system on, 3rd/4th, 1N 3rd/4th system on
2♣	Preemptive 2-suiter, any
2X	Nat. constructive
2N	constructive with ♣

Leaping Michaels (forcing to game, but does not establish ownership of the hand)

Vs. Multi

(2D)-P-(P)- treat passing opp like a weak 2D

(2D)-X strong NT or X and bid

(2D)-2H light T/O of S

(2D)-2S light T/O of H

(1N)-(2♣)	X	5+♣
	2X	5+X
(2C)-(2D)	X	5+D
	2X	5+X
(1N)-(2D/H Jacoby)	X	of 2D=5+D of 2H=5+H
		2 of their suit 4+oM, 5+m (4+-6+ or 5+-5+ over if a 2S bid)

Unusual vs. unusual

Unusual vs. Michaels

Competition 2D+ not two known suits over 1X/1N opener **xfer Lebensohl.**

If they show D w/2D	X	negative t/o 4+S 4+H
	2H	5+H drop
	2S	5+S drop
	2N	puppet to 3♣ to sign off in something or show a stopper and invite or force
	3C	inv+ hearts F1
	3D	inv stayman no stopper
	3H	inv+ spades F1
	3S	Asking about stopper for 3N
	3N	inv ♣s

If they show H w/2H	X	negative t/o 4+S
	2S	5+S drop
	2N	puppet to 3♣ to sign off in something or show a stopper and invite or force
	3C	F1 inv+ diamonds
	3D	F1 inv+ spades
	3H	F1 inv stayman no stopper
	3S	Asking about stopper for 3N
	3N	Inv ♣s

If they show S w/2S	X	negative t/o 4+H
	2N	puppet to 3♣ to sign off in something or show a stopper and invite or force

3C	F1 inv+ diamonds
3D	F1 inv+ hearts
3H	nf inv stayman no stopper
3S	Asking about stopper for 3N
3N	Inv ♣s

After (weak nat 2X)-X or (1X)-(2X)-X or (1X)-X-(2X)-P-X

1st step is any weak hand 0+cards nf, higher is inv+

e.g., 2D	2H	3+H nf, scrambling
	2S	3+S nf, scrambling
	2N	puppet to 3♣ to sign off or show stopper and force to 3N
	3♣	inv+H
	3D	inv stayman no stopper
	3H	inv+S
	3S	asking about stopper for 3N
	3N	inv ♣s

Above lebensohl in competitive auctions I'd like to suggest defining 4-level cue-bids as forcing raises in partner's suit that establishes ownership of the hand as opposed to "slam tries". Partner can still suggest slam before game. Jump to games do not set force.

1♥ (3♣) 4♣ = forcing ♥ raise, vs 1♥ (3♣) 4♥ = I hope we can make 4♥

# Special Doubles

Positive GF art. after 1♣-1Y 1st/2nd

Penalty after 1♣ 3rd/4th O/C 2D+ SC ALERT

Negative -> 4♦ + 5♣, 5♦ (see also convention card), but not when we open 2X+ (exc. 2N)

Responsive -> 4D + 5♣, 5D

Bal 15+ vs. 1 suit 2nd; 17+ 3rd/4th

Takeout -> 2C-4♥

Support -> 2 of our major

Penalty by responder when we open 2X+ (exc. 2N) ALERT

No maximal overall doubles

Lightner for 1) dummy's suit, 2) declarer's suit or 3) lowest unbid if neither of them bid a suit. In that order. (Not our suit.)

Does not promise a void. Is not a demand. Suggests that the contract is failing anyway for other reasons or a bluff to try to get them to run if speculative.

# Generic Strong NT

Stayman (Inv. stayman, Smolen, Delayed Texas)

Jacoby Either Sign-off, Inv to Game, Mild Slam Try balanced, or self splinter. Super accepts available over Jacoby

Texas 4M sign-off or Slam Drive

2♠ Size ask or xfer to ♣. Respond min/max only, disregard clubs. (2N min, 3♣ max) (Stayman guarantees 1 major after 2NT rebid)

2N xfer to ♦. Pre-Accept, 3♣ = likes, 3♦ = does not like diamonds.

3X splinter

4♣ Gerber = 30/14/2min/2max ( $\pi \approx 03.142$ )

4NT Quantitative

Transfer Lebensohl (FADS)  
Negative Double through 4D + 5m

1NT-2♦; 2♥-2♠ Invitational long 2-suiter in Majors  
1NT-2♥; 2♠-3♥ GF long 2-suiter in Majors

1NT-2♣; 2♦-2♥ 5♥/4♠ inv  
1NT-2♣; 2♦-2♠ 5♠/4♥ inv

Smolen GF always 5/4  
Delayed Texas after stayman 2D answer 6+/4

3M after minor suit xfer, is shortness. 4M/5+m hands stayman and bid m naturally

2N system, see also Conv. Card

2N-3S; puppet to 3N to show one or both minors (can super if like both); rebids: 4m nat F5m, 4M both minors shortness nat F5m

(bid e.g. 3X)-3N-? Also applies after opener 3N rebid if no suit has been shown by our side. But not if initial responder rebids 3N.

- 4♣ Stayman
- 4D/H Texas Either slam negative or slam drive (4N rebid KC)
- 4S puppet to 4N. If their suit is a major, it's to sign off in a minor or rebid major to show minor two suiter otherwise rebid 5X/5M, exclusion RKC with other minor as trump
- 4N Quantitative
- 5♣ Super Gerber
- 5D/5H Super Texas slam inv.

e.g., (3S)-3N; 4S-4N; 5m signoff  
5M shortness and both minors

# Slam Conventions

Control ask is the first ask after pattern is known or when there are no more pattern asks available. The first step is an ask that is not 3NT (exception on SPT+1 with 10-card fits) and also not 4M in a known 8 card major fit or a known 6-card major of answerer's. If responding to a control ask, max is 7+ if responding to a 15+ bidder. If 15+ bidder is responding, max is 8+. Go beyond the end of the line by two steps or more with a slam drive rather than make a nf control ask response (consider forcing slam before being asked for controls). If there was more than one nf response that was possible, then the 2nd step beyond the end of the line is the first nf response hand with slam drive and so on.

## Number of Default Controls:

Double negatives	No control ask
Semi positives	1
1C openers	2
positive responses to 1Y start with	2
1N	3
1Y transfer captaincy	4
15-18	4
19-22	5
23+	6

In RKC responses of 03 or 14, if the responder can have either number of KCs then responder must bid on over a sign-off when they have the higher number of KCs.

Casper KC in GF auctions as relay break by asker that's not weak relay and not transfer captaincy.

Weak relay applies to:

- Known pattern or balanced hands in a range wider than 3 (e.g. 10+-14 or 11+ or 8-13)

- Not for 3 or fewer point ranges or ranges that include 7 or fewer HCP

Transfer captaincy is after first response to GF is at one level and only immediately after first one level response that is made.

3H Casper Inv RKC in D note well

3S Casper Inv RKC in ♣ note well

4C Casper Inv RKC in H

4D Casper Inv RKC in S

4N RKC D unless the obvious KC suit is not available as Casper (usually opener or answerer's long suit)

Specific king ask: bid higher with all 3 kings

Use preempt KC responses when answerer is semi-pos or double negative

**Denial Cue bids (aka spiral scan):**

Scan answerer's longest suit first, tie to highest (twice if 6 or longer) then next longest suit and so on.

Scan doubletons only once

Singletons and voids not at all. For positives and opening hands, do not scan queens until the Nth scan where N is the number of control cards (*note well, control cards not controls*). 1C counts as an opening hand.

If you have super 1st, say no. Super 1st is AKQ for positives in a 3+ suit, AK, AQ or KQ in a known doubleton.

For semi-positives, scan queens immediately and super 1st is also KQJ or AQJ for semipositives.

Don't super first with double negatives (values not track).

For 6 card suits

if you have denied both the A and the K on the first scan, proceed to queens.

If you have shown AKQ or denied having any of AKQ on the first scan, go to jacks on the second.

Skip a suit where you have already shown or denied jacks.

3N, 4M if 8 card fit or 6 card suit shown in that major are not asks.

If 3N is the next step, 4♣ is the ask.

if 4M as the next step is not an ask, then 4M+1 might be or it might be 4N (e.g. if there is an 8 card fit in one major and a six card suit in the other)

6N+ is never an ask.

Showing voids over keycard: like gib standard 5NT even and a void, 6x odd and a void x (if previously splintered, 5N is even and 6♣ is odd and no queen, 6D is odd and queen, but only when there is a presumptive fit that's higher than ♣)

6C queen ask after 5N void showing over key card; if previously splintered, 6♣ initial response is void odd and no queen, 6D odd and queen (but not if no presumptive trump suit)

4N is never quantitative unless 4♣ is Gerber. It's either blackwood, takeout or two-suiter otherwise.

If 6511 or 5611 unknown which is which, assume 5511.

## Midchart extras for USBF Open Trials RR

1st/2nd 2C 5+H 15+ not 5422 4m, not 544 not 5332 (open these one diamond and don't transfer captaincy)

2C-2D GF

2C-2D; 2H Some 5H-5+m or 5+S5+H (i.e., no 6H-5M--these go to 2N+)

2S 4S continue PT+1

2N+ Like 2H-2S; 2N+

2C-2D; 2H-2S; 2N 55 Majors continue PT+1

3C 5H5+C continue SPT

3D+ 5H5+D HELLL

1st/2nd 2D 5+S 15+ F1 not 5422 4m, not 544, not 5332 (open these one diamond and don't transfer captaincy)

2D-2H; 2S Some 5S-5+m not H, not 6S

2N 4H continue SPT

3C+ Like 2S-2N; 3C+

2D-2H; 2S-2N; 3C 5-5+ C

3D+ 5-5+ D HELLL

2D-2H; 2S-2N; 3C-3D; 3H+ continue SPT