5 $\quad$ Q, 7-card suit, sing. 5M/O OMQ, 7-card suit, sing
The above are governed by NGF rules (see example 5) so the lowest impossible
answer is "no queen" and the highest, queen of other major. Except: opener should never first name the long suit.
5NT OMQ, 8-card suit, sing.
6* *Q, 8-card suit, sing.
6• Q, 8-card suit, sing.

## 21. NGF "Natural Goes First"

When we relay for a specific feature we do our best to reply naturally using the cheapest bids. This often means one or more calls do not make sense.
For example, one of the options might name NT, a known void or, for a shortage, our trump suit. We resolve this by making what natural call we can and the omitted replies are re-inserted according to rank lowest first in the cheapest slot.
For the purposes above, unless explicitly modified (e.g. "NGF first step denying"), lack of the feature sorts to the top for insertion or, if all logical possibilities are naturally catered for, comes last. (See example 4.)
Example 1. An ask for known shortage is in spades, our suit is hearts:

> NT $=\star$ shortage
> $\star=\star$ shortage
> $==$ shortage

Example 2. An ask for uncertain shortage is in spades, our suit is hearts and the first step is reserved for no shortage:

NT = No shortage

* $=*$ shortage
- = shortage
$\bullet=\wedge$ shortage
Example 3. Consider the same situation with the ask in NT:
* = No shortage
- = * shortage
$\bullet=\approx$ shortage
$\wedge=\wedge$ shortage
Example 4. An ask for uncertain outside honour is in no-trump, our suit is hearts:
* = \& honour
- = - honour
$\bullet=$ no honour
$\wedge=\uparrow$ honour

Example 5. In addition to the conditions above, diamonds is an impossible location for the honour:
$\star=\stackrel{\text { honour }}{ }$
$\bullet=$ no honour
$\bullet=\boldsymbol{\imath}$ honour

## 22. 1M - 1NT; 2NT FG "Trondheim"

Opener's only force after a 1NT response. This is not a relay - with a choice,
responder judges most important feature to show.
When opener has hearts:
3* Nat, 5+ cards
3. Nat, 5+ cards

3v 3-card support
3. 2 hearts,suggesting $3=2=4=4$

3NT 5-5 minors
When opener has spades:
3* unknown 5+ card minor. 3. asks:
3v Clubs
3. Diamonds
3. 4-card heart suit

3v 5+ card heart suit
3^ 3-card support
3NT 2 spades, suggesting $2=3=4=4$

## 23. Leaping Michaels

When opponents reach 2-major with fit or a pre-emptive action jumps to 4-minor show 5-5 with the other major and the named minor. The three level cue is a stopper ask for 3NT suggesting sufficient tricks.
This applies in these cases:

1. (2M) $4 m$
2. (1M) $P(2 M) 4 m$
3. $1 N T(2 M) 4 m$
4. $(2 * *) P(2 M) 4 m[O M+m]$
5. $(2 * *) P(2 \vee) P$

$$
(2 \wedge) P(P) 4 m[H+m]
$$

When the opponents' suit is diamonds or they have an undisclosed major, 4 m names the minor.

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## Partner: Peter Gemmell

## GENERAL DESCRIPTION OF SYSTEM

## Bidding Methods: 4 Card Majors (special 2-level responses) 1\% = \% or 17-19 Bal; transfer responses Weak $2 \triangleleft / \vee / \uparrow\left(\right.$ maybe 5 cards $1^{\text {st }} / 3^{\text {rd }}$ NV)

Style of leads, signals, discards: $4^{\text {th }}$ but $2^{\text {nd }}$ from poor suits Upside-down count \& attitude Discards: even encourages

## ASPECTS OF SYSTEM WHICH OPPONENTS SHOULD NOTE

Majors first on weak no-trump hands:
1 NT response wide range (6-12 HCP)
2* = Clubs or FG Balanced, $1 \vee-2 \bullet$ Nat, $1 \star-2 \bullet / \vee$ 'Transfer'
1ヵ- 1Red; 1 M = Weak no-trump; $1 \mathrm{NT}=17-19$
Unusual responses to opening 1NT (and overcall) [1]

## STRENGTH OF 1NT OPENERS: $\mathbf{1 4 - 1 6}\left(1^{\text {st }} / 2^{\text {nd }}\right)$ <br> $15-17$ ( $3^{\text {rd }} / 4^{\text {th }}$ )

Most 5M-3-3-2 also suitable $5 m-4 m-2-2$ and $6 m-3-2-2$
2* RESPONSE TO 1NT OPENER IS: 4+ Spades
We may have [longer] hearts only on invitational+ hands - we can respond with weak hands and four-card spades with long diamonds (so no weak take-out with both majors).


| DEFENSIVE BIDS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| OVERCALLS | Meaning |  | OPPONENTS OPEN | Defensive Me |  |
| Simple | Standard (4-card OK at 1L) <br> Advances F1; cue = support; <br> 2NT often a raise; fit jumps |  | Strong $1 \times$ | $\begin{aligned} & X=v ; 1 \star= \\ & 1 v=v * \\ & 1 N T=v * / i \end{aligned}$ |  |
| Jump | Weak (poss. 5-card) |  | Weak 1NT | 2: Majors - | sp. "choose" |
| $\begin{aligned} & \text { Cue } \\ & \text { Bid } \\ & \hline \end{aligned}$ | 2-suited ( $m=M M$; $M=O M+m$ ) |  | Strong 1NT | 2. Majors - | sp. "choose" |
| 1 NT | Direct Protective <br> $15-17$ $11-16$ <br> Responses Front of Card |  | Weak 2 | X TO (2NT re | ad') $4 \mathrm{~m}=$ [23] |
|  |  |  | Weak 3 | x TO, 4m $=$ |  |
| 2NT | Direct $\quad$ ProtectiveUnusual $\quad 19-21$Responses Front of Card |  | 4 bids | X TO |  |
|  |  |  | Multi 2 * | Natural; $\mathrm{X}=$ | 5/19+ |
| ACTION AFTER OPPONENTS INTERVENE WITH |  |  |  |  |  |
| Simple Overcall |  | Double NE | NEGATIVE [9] | Bids All | NAT not FG |
| Jump Overcall |  | Double | NEGATIVE | Bids 2L: 2M | Transfers [12] |
| Double | Redouble New suit <br> Values NAT F1 |  | mp in new suit Fit | Jump raise Pre-empt | 2NT <br> Good raise |

## 17. 1M - 3M "Semi-preemptive"

Responder's jump raise is typically an 8loser hand with 4+ trumps, often a
singleton.
Opener may:
$3 M+1$ Asks for singleton NGF [21] replies: 3M+2 No shortage $3 M+3 \ldots$ Natural shortage
3NT/4L are natural side-suit slam-tries with 3NT = spades
18. 1M - 3M+1 Five Trump Splinter

Responder's jump to one-above doubleraise show 5(+) trumps and an undisclosed splinter. Opener asks with the cheapest call (TODO intervention) with NGF responses.

## 19. 1M - 2NT Limit raise or better

Same system if second-hand doubles
3M Declines game opposite a limit raise; responder may bid 3NT to play or investigate slam by controlbids.
3OM 17-19 Bal with 5M, FG
3NT 5-5/6-4 majors, concentrated values
$4 m \quad 5 M-5 m$ as above
4M
Either:
a) Game acceptance opposite good limit raise (may still die at 3M and 3NT is to play).
b) Undisclosed void slam possible

Over 3* opener bids 3M with a poor minimum, 3NT with any acceptance (allowing opener to disclose void) all thers show responder's try for slam opposite opener's "suitable minimum" type.
3* ART, FG, 14+ HCP, 6 losers or fewer. Responder grades his hand: 3. Strong slam try

3v Waiting. Responder can limit with 3NT, 4L showing shortage or ask for shortage with 3. (NGF, step $1=$ no)
3. 5431: short OM

3NT 5431: 4OM
4m 5431: SPL, 4om
3v OK limit raise (cards or SPL)
3^ Asks for shortage, NGF, step $1=$ no

3NT OM, suit try
4m Natural try
3. Poor hand for slam (no SPL) Shortage tries (NT=OM)
3NT OM, good side suit, strong try
$4 \mathrm{~m} \quad$ Nat, good side suit, strong try

## 20. 3NT Opener = Solid Major

$1^{\text {st }} / 2^{\text {nd }}$ position only, $7+$ cards, $A K Q+$, no outside king or ace
4* Neutral ask or slam-try opposite short major;
4. No useful shortage

4v Pass/correct
4M Long major, short OM
4. Slam try opp. short diamond
$4 \vee$ a) Spades, • sing., HQ b) Hearts no * shortage

4^ a) Hearts, sing., SQ b) Spades no * shortage 4NT.. See below

4v Slam try opp. short club
Pass Hearts no club shortage
4^ a) Hearts, club sing., SQ
b) Spades no club shortage 4NT... See below
4^ To play
4NT Asks for side Q / 8+ length. NGF responses, first step (at each level for 7/8 card suit) is "no queen"
5* No queen, 7-card suit
5• Q $\mathrm{Q}, 7 \mathrm{M}$
$5 M \quad \therefore Q, 7 M$
50M Queen in OM, 7M
5NT No queen, 8-card suit
6* *Q, 8M
6. $\quad$ Q, 8M
6. Queen in OM, 8M

5M Asks for void
5NT Asks for "really solid" - AKQJ or AKQ-to-eight
Opener's rebids after successful 4-level ask:
4NT Void. Responder's 5* asks and responses are very much the same as below except one bid higher
5 $\quad$ Q, 7-card suit (void).
5M no Q, 7-card suit (void)
5OM OMQ, 7-card suit (void)
5NT as below
5* *Q, 7-card suit, sing
3. 3-suited take-out, unwilling to make T/O double, e.g. 5-4-4-0/4-4-4-1
3NT Nat, stopper
4 m (Over Major) 5m+50M
4* (Over diamonds) clubs+major
4. (Over diamonds) 5-5 majors

4M To play
12. 1L (2-level Jump) Transfers

With one suit already bid naturally, we employ a superficially similar scheme to that of [11] above except that:

- 3-opener's suit is always natural and 'one under' is an unlimited INV+ raise.
- There is no 'game choice' in the unbid major
- No 'Leaping Michaels' equivalent
- $3 \boldsymbol{A}$ is always (effectively) a SPL raise (leaving an out in 3NT if opener has concentration)
- Transfers resume at 3-level cue. Between 3-opener and that cue, bids are natural and F1.
Example: 1•(2v)
2• NF
2NT Clubs, INV+
3* Diamonds, INV+

3. Diamonds, courtesy raise

3v Spades, INV+
3n SPL raise of diamonds
3NT Nat
4* Fit jump
4. Key card for diamonds

4v Void SPL raise of diamonds

## 13. 1M-2a

Either clubs (9+ with 6-card suit / FG) or FG balanced. Responder may continue to relay for opener's strength and
distribution.
1M 2:
2. $5+$ M, 11-15, not 4+ other-major Failure to bid 2D shows extras, then $2 a+$ as below

2v $11+5-4$ majors or 4M 11-13
2. $\quad$ We have a fit if you are 5-4" 2NT "No we don't" 2NT No-fit relay
After either of the above opener can continue with $3 \boldsymbol{n}+$ as below as below except that 3 includes 4 M
2^ Diamonds (then $3 \star+$ as below)

2NT 6+M or 5-3-3-2
3* Short club if via 2a else short diamond. Then $3 v+$ as below
3. 5-4-2-2
3. 5-4-3-1
3. 6-4-2-1

3NT 5-5-2-1
4. 5-5-3-0

## 14. 1M-2, \& 1M-2M-1

After $1 \vee$
2. Diamonds, 9+ with 6-card suit or FG
After 1^
2. Hearts, 7-9 with 6-card suit or 10+ with 5-cards (neither forcing beyond $2 v$ ) or FG
2v Diamonds, 9+ with 6-card suit or FG
After any of the above responses, opener bids next step with a weak hand (11-15). This includes all 4 -card majors. Auction is then natural in principle but..
After $1 \uparrow-2 \downarrow, 3 *$ and $3 \vee$ reverse the named suits.

## 15. 1M - 2L Passed Hand Responses

## After 1 -

2* NF, clubs
2. ART, 8-10, constructive heart raise After 1 a
2* NF, clubs
2. Hearts, 7-9 with 6-card suit or 9-10 with 5-cards
2v ART, 8-10, constructive spade raise

Other treatments are similar to unpassed hand. 2NT is a limit raise but follow-ups are unchanged in that context. Limited NF fit jumps also apply.

## 16. 1M - 2M "Neutral Game-Tries'

Non-disclosing game-tries by opener

- Opener's only game-try is the cheapest bid (2^ or 2NT) over 2M inviting responder to make a long-suit-try
- Opener's new suits are slam tries
- Opener's jumps are voids
- 3M is constructive and based on good trumps;
- 3NT natural game-choice (but implying playing strength)


## SPECIAL USES OF DOUBLES:

Mostly take-out
Support doubles (to 2-level) by opener after partner's one-major response (inc. TRF)
(1NT) $X(2 m) \quad X=$ Penalty, Pass forcing
(1NT) X (2M) X = TO, Pass NF, 2NT+ TRF [11]
1M (2L) 2M (3L); $X=$ shortage try
1NT (2ヶ [any meaning]) $X=4+\uparrow$, "System on" inc. TRF (exceptions if $2 \boldsymbol{*}=\boldsymbol{\bullet}$ )

| SLAM |
| :--- | :--- | :--- |
| CONVENTIONS |$\quad$| Meaning of Responses | Action over interference |
| :--- | :--- |
| RKCB | $14 / 30 / 2 / 2+Q$ |
| Same responses with known voids | Pass $=$ step-1 |
| Exclusion key-card | $0 / 1 / 2 / 2+Q$ |
| Italian Control-bids | First- and second-round controls equal |
|  |  |

Other Conventions:
Fourth Suit Forcing ( $2 v$ and higher FG, lower F1 only)
2NT in competition over a major (opening or overcall) is a constructive raise When we have a minor, $2 N T$ is natural if there is a cue-bid at 2 L , else a raise
Transfers after $1 \mathrm{~m}(2 \mathrm{M}), 1 \approx(2 \vee), 1 \vee(2 \wedge)$ [12]
Transfers after 1NT (2L) from 2NT to 3^ [11]

| OPENING LEADS | $v$ Suit contracts | 4th, 3rd and 5th; |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Attach Red Spot, or hatch over, if using nonstandard leads <br> Other leads: | AK | AKX | KQ10 | KQx | KJ10 |
|  | K109 | QJ10 | QJx | J10x | 10xx |
|  | 109x | 987x | 10xxx | Hxxxx | Hxxxxx |
|  | Hxxx | Hxx | $\underline{X} \mathrm{X}$ | XXX | X $\mathrm{X} \times \mathrm{X}$ |
|  | v NT contracts | 4th, 3rd and 5th; |  |  |  |
|  | AKx(x) | AJ10x | KQ10 | KQx | KJ10 |
|  | K109 | QJ10 | QJx | J10x | 10xx |
|  | 10xxx | 109x | 987x | Hxx | Hxxxxx |
|  | Hxxxx | Hxxx | XX | X X X | X $\underline{X} \times X$ |


| CARDING <br> METHODS | Describe Primary method. State alternative in brackets. |
| :--- | :--- |
| On Partner's lead | Low Encourage (hi-lo = odd) |
| On Declarer's lead | Hi-lo = odd |
| When Discarding | Even Encourage [same parity peter reverses] (U/D remainder count) |
| Exceptions to <br> above | Standard Suit-Preference |

SUPPLEMENTARY DETAILS（Numbers refer to［ ］）

## 1．Over 1NT

2＊4＋spades．Opener bids 2v max with fit，2a min fit，2＊without four After 2 responder continues：
2v $5+$ spades TRF，either weak （pass），INV（2NT）or FG （others）
2．both majors，either longer or 4－4，INV＋．Opener＇s 2NT＝ $\min$ no fit， $3 \&=\max$ no fit $3 \vee=$ min fit， $3 \bullet=$ FG fit
3 m FG minor canapé
$3 v=4=1=4=4 \mathrm{FG}$
3＾＇Six－card invite＇
2．Transfer to hearts 4＋；subsequent
$2 A$ is $5+F G, 3 \mathrm{~L}$ similar to above
2v Natural，INV，NF
2．Weak minor or both minors any strength．Opener rebids：
2NT Prefer clubs or equal
3：Prefer diamonds
Responder＇s pass and 3 m to play otherwise 3M shortage in 5－5．3NT 5－4－2－2 no major stops
2NT Clubs；INV＋；over 3；responder names shortage（3NT none，4\％ RKCB，4L Nat，6－5）
3＊Diamonds；INV＋；over 3 responder names shortage（3NT none，4＊RKCB，4L Nat，6－5）
3．Diamonds；FG with club length／ shortage；3M looks to fit，3NT clubs secure．Responder＇s 4\％＝both minors
3M SPL，3OM，4－5 minors
4＊CONFI：rebids $0-3,4,5 \ldots$
$4 \bullet / \vee$ Transfer（game only or much better）
4＾Super CONFI：rebids $0-3,4,5 \ldots$
After $2 *$ or 2 NT is INV，new suits at $3-$ level are FG，jumps are splinter，4NT is Natural

## Over 2NT

## 3＊Asks for 5 card major

3．At least one four card major， responder shows
3v Spades
3．Hearts
4＊Unknown 5＋minor

4．Both majors－pick！
3v No major
3． 5 spades natural
$4 \mathrm{~m} \quad 5+$ natural
4M 4 linked minor
3． 5 Spades［4 minor natural］
3NT 5 Hearts［4\％Unknown minor， 4－Re－transfer］
$3 \bullet / \vee$ Transfer；fit breaks：
$3 \wedge / 4 \mathrm{~L}$ AKJx or better
4M 9 controls
3NT Others（inc．3CR）
3．Minor suit Stayman
3NT Minimum
$4 \mathrm{~m} / \mathrm{M} 4 / 5$ card minor and interest
（linked $v=\star, *=\boldsymbol{\wedge}$ ）
4＊Gerber［0，1，2，3，4］
$4 \bullet$ Transfer（game only or much better）
4NT INV－show suits if accepting

## 3．Over our weak－twos

Raise Non－constructive
2L Nat NF
3L Nat F1
2NT Enquiry INV＋，FG opposite extras－ ＇feature＇is Qxxx，Kxx or better
3＊＂Good or bad＂；3＊asks：
3suit Bad（pass with $\downarrow$ ）
3OM Good values（loc．if $\downarrow$ ）
3NT Good suit
$3 \mathrm{~L} \quad$ Feature（ $3 \mathrm{M}=$ clubs）
3NT AKQxxx or better

## 4． $1 *-1 \diamond$ ； $1 \downarrow$［TRF complete］

1． $5+$ hearts，initially part－score choice with invitational overtones but 3L rebids FG
1NT Natural，NF
2\％／＊Natural NF
2v Natural，not constructive
2．Undefined！
2NT Natural，INV
3L Natural，FG，shapely
5．1\＆－1ヶ； $1 \oplus$［TRF complete］
1NT Natural，NF
2＊Natural NF
2．ART FG

## 2v Natural，NF

2．Natural，not constructive
2NT Natural，INV
3L Natural，FG，shapely

## 6．1\＆－2\＆；FG by unpassed hand

2•／レ TRF；4M 4＋clubs
2．Weak no－trump
2NT Strong NT 17－19
3：Long clubs，no shortage
3L Shortage
3NT 17－19，bad hand for clubs

## 7． $1 *-1 \diamond / \vee$ ； 1 NT $=17-19$

2＊ART PUPPET to 2 ．If weak，either both majors or long minor；some INV types；only FG with diamonds （equivalent of immediate $2 \boldsymbol{\sim}=\boldsymbol{*}$ ）．
2• NF，weak major choice
2／3NT 5－4 majors INV／FG
3L Shapely INV
2．To play clubs or diamond canapé
2NT Min，no fit（3＊to play）
3＊Max or fit
$2 \diamond / \downarrow$ TRF FG unless responder passes or bids INV 2NT．Opener usually completes and responder continues description．When responder shows spades then hearts，opener bids $2 \boldsymbol{} 1$ without 4v．1＊－ $1 *$ ； $1 N T-2 \vee$ is 4－4 majors INV＋
2．ART，4M and club canapé，INV＋．
2NT Min no fit
3：Min club fit
3L Stops
3NT Max
2NT Natural，INV，no extra major length
3L Natural，FG，shapely
3NT Natural，no extra major length

## 8．1\＆－1ヵ；1NT＝17－19

## 2＊／Natural NF

2v／』 Natural，FG
2NT Natural，INV
3：Natural，4＋clubs
3．FG，balanced or short clubs
3M Shortage with long diamonds

In unopposed auctions after 1＊we complete transfers with weak no－trumps and rebid 1 NT with 17－19

However，where responder makes a free bid that is a transfer，we attach enough values to the action to make a non－fitting weak 1 NT rebid safe．
－TRF completition shows 3－card support
－ $1 N T$ is weak（even if fourth hand bids）
－2NT is 17－19（denies 4－card support）
－Single raise is 4－card support

## 10．Natural Check－back

Over Weak－NT
This occurs in the following five sequences：
1＊－1v；1NT
1－－1ヵ；1NT
1v－1ヶ；1NT
1＊（X／1＊）1＊＊（any）；1NT［＊＝＊］
1＊（1レ）X＊（any）；1NT［＊＝4／5＠］
1•（1レ）X／1 \＆（any）；1NT［4／5＾］
2＊ART PUPPET to 2 ．Either to play $2 *$ or any INV type．2NT／3NT imply 5M．
2．ART FG－usually high－card values
2v Natural，NF
2．Natural，NF（undefined in $1^{\text {st }}$ seq．）
2NT Natural，INV
3L Natural，FG，shapely
3NT Natural
Passed hand 2 is NAT but INV sequences are retained．

## 11．1NT（ $2 \vee / \vee / \uparrow$ ）Transfers

This scheme is also used after we double a 1 NT opening and opponents run to 2 M where again，our X is $\mathrm{T} / \mathrm{O}$ and 2NT and above are transfer－influenced as below．
Note different system after 1NT（2＊）
X Take－out；if INV＋then without stop （NT over major，cue over others－ cue over major shows support） additionally without unbid major 1 NT（ $2 \bullet$ ）X（P）；2•（P） $2 \uparrow$ is F1
2M Natural，NF
2NT＊Clubs INV＋（only＊if，say $2 \boldsymbol{*}=\boldsymbol{*}$ ）
3＊＊Diamonds INV＋
3＊＊Hearts INV＋
3＊＊Spades INV＋
＊$=$ TRF to overcaller＇s suit is a game choice，implying 4 cards in other major（4－ 4 majors over diamonds）and a stop． ＂Overcaller＇s suit＂is the anchor suit if intervention is ART（e．g．if TRF or $2 *=$ Spades［even 4＋］etc．）．

