PRECISION AND SUPERPRECISION BIDDING ..... 2
BY BELLADONNA AND GAROZZO ..... 2
1C Opening Bid - (almost) any 16+ HCP hand ..... 2
Response Summary ..... 2
After 1C-1D ..... 2
$1 \mathrm{C}-1 \mathrm{H} / 1 \mathrm{~S} / 1 \mathrm{~N} / 2 \mathrm{C} / 2 \mathrm{D}$ continuations ..... 4
1C-2NT continuations ..... 6
Special Response continuations ..... 7
Handling Interference ..... 7
1D Opening Bid (2+ cards, 11-15) ..... 8
1D-1H continuations. ..... 8
1D-1S continuations ..... 10
1D-1N continuations. ..... 11
1D-2C continuations. ..... 11
1D-2D continuations. ..... 12
1D-2M continuations ..... 13
1D-2N continuations ..... 13
1D-3m continuations. ..... 14
Opening 1M (11-15, 5+ cards) ..... 14
1NT Opening (13-15 HCP, not both 4-card majors, unfav is $\mathbf{1 4 ( + ) - 1 5} \mathbf{H C P}$ ). ..... 17
$1 \mathrm{~N}-2 \mathrm{C}$ continuations. ..... 17
1N-2D continuations ..... 18
$1 \mathrm{~N}-2 \mathrm{H}$ continuations ..... 18
$1 \mathrm{~N}-2 \mathrm{~S}$ continuations ..... 18
$1 \mathrm{~N}-2 \mathrm{~N}$ continuations. ..... 19
2C Opening (11-15 HCP, 5+ clubs [if 5, then side 4-crd major]) ..... 19
2C-2D continuations ..... 19
2D opening (11-15 HCP, 4414 or 4405 or [34]15) ..... 19
2M Openings (weak twos) ..... 20
2NT Opening (22[+]-24 balanced). ..... 20
3C Opening (6-7 semi-solid C's, 7 tricks, one outside stopper) ..... 21
3D Opening (any solid 7+ suit, with no more than a side Queen) ..... 21
Slam Bidding - Primer ..... 22
Asking Bids ..... 22
Cue Bids ..... 22

## Precision and Superprecision Bidding

## by Belladonna and Garozzo

## 1C Opening Bid - (almost) any 16+ HCP hand

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Response Summary
\(1 \mathrm{D}=0-7 \mathrm{HCP}\)
1H/1S/2C/2D = 8+ HCP, 5+ suit (longest suit, or higher of equals)
1N = 8-13 HCP balanced (if contains 5m, it is weak one)
2H/S = 4-7 HCP, 6-7 cards, 2 of 4 top honors (not AK)
2N = 14+ HCP balanced
3C = 8-13 HCP, 1444 or 4441 (black singleton)
3D = 8-13 HCP, 4144 or 4414 (red singleton)
3H=14+ HCP, }144
3S = 14+ HCP, 4441
3N = any solid 6/7-card suit and 1+ side controls (A or K) (if 7-crder maybe no side ctrl)
4C = 14+ HCP, 4414
4D = 14+ HCP,4144
```

After 1C-1D
Opener's rebids
$1 \mathrm{H} / \mathrm{S}=5+$ cards, or 4 -card with side $5+$ minor, or maybe $4441, \mathrm{NF}$
$1 \mathrm{~N}=16-19 \mathrm{HCP}$
$2 \mathrm{C} / \mathrm{D}=5+$ cards, NF
SJS $=\mathrm{GF},<4$ losers, $4+$ cards if M
$2 \mathrm{~N}=20-22(-) \mathrm{HCP}$
$3 \mathrm{H} / \mathrm{S}=$ one-suiter, 8.5-9 tricks
$3 \mathrm{~N}=25-27 \mathrm{HCP}$ bal

```
A. 1C-1D-1N-
Pass \(=0-5\)
\(2 \mathrm{C}=6-7 \mathrm{HCP}\), either 4441 or balanced
    \(2 \mathrm{D}=16-17 \mathrm{HCP}\), no 4-card major
        \(2 \mathrm{H}=1444,2 \mathrm{~S}=4144,2 \mathrm{~N}=\) to play
    \(2 \mathrm{H}=16-18(-), 4 \mathrm{H}\)
        Pass \(=4 \mathrm{H} \min , 2 \mathrm{~S}=4 \mathrm{~S}\) not \(4 \mathrm{H}, 2 \mathrm{~N}=\) to play, \(3 \mathrm{H}=\) invit
    \(2 \mathrm{~S}=16-18(-), 4 \mathrm{~S}\)
                Pass \(=4 \mathrm{~S}, 2 \mathrm{~N}=\) to play, \(3 \mathrm{~S}=\) invit
    \(2 \mathrm{~N}=18 \mathrm{HCP}\), no major
                Pass/3NT = to play
    \(3 \mathrm{C}=18-19 \mathrm{HCP}\), at least one major, GF
                \(3 \mathrm{D}=\) Stayman (promises a major), \(3 \mathrm{~N}=\) no major interest
    \(3 \mathrm{D}=19 \mathrm{HCP}\), no major, GF
                \(3 \mathrm{H}=1444,3 \mathrm{~S}=4144,3 \mathrm{~N}=\) to play
(continuations for bids below just like after opening 1 N )
\(2 \mathrm{D}=\mathrm{xfer}\) to 2 H
\(2 \mathrm{H}=\) xfer to 2 S (may be \(4 \mathrm{~S}-5 \mathrm{~m}\) invite)
\(2 \mathrm{~S}=6-7 \mathrm{HCP}, 5-5\) in touching suits
\(2 \mathrm{~N}=\) weak minor, or 6-7 HCP 5-5 in non-touching suits
\(3 \mathrm{~m}=\) invit
```

$3 \mathrm{M}=$ invit

```
B. 1C-1D-2N (see opening 2NT for developments)
Pass=0-3 HCP
3C = Stayman with a major
    3D = no major ( }3\textrm{M}=5\textrm{M}-4\textrm{oM}
    3H/S = natural
3D/H = xfer (new suit rebid = 5-4-[3-1] dist)
3S = 5-5 touching suits, GF
3N = to play
4m}=5-5\mathrm{ non-touching suits, GF, lower of pair
C. 1C-1D-3N
Pass = to play
4C = interest in majors, or slam-going unbal hand
    4D = no major
                4M = 5-cards, no slam (4N to play)
                4N = slam invite, 5-4(+) unbal dist. ( }5\textrm{m}=4\textrm{m}333,5\textrm{M}=3\textrm{M}-4\textrm{c}-4\textrm{d}
                5m}=6\mathrm{ -cards, min, side major
                5M = nat, slamtry in suit
                6m}=\mathrm{ to play, with side major
    4H=4-cards
                Pass = to play
                4S = 5S, slam interest ( }3\textrm{N}=3433,4\textrm{m}=4\mathrm{ -cards)
                4N = slam try (demands bid second suit or 5H)
                5m=6m-4S, min
                5H=TAB
                6m = to play, with 4S
    4S = 4-cards (4N = as above, 5m/6m as above, 5H=slam try H, 5S = TAB)
4D = slam try, D or both minors
    new suit = natural with good D supp.
    4N = min, no fit (Pass = min,5C = 2-suiter min, 5D = max 1-suiter, 6C = max 2-suiter)
4M = to play
4N = 7 HCP bal (if opener max, bid up-the-line)
5any = 6-7 HCP, 6-card suit
D. 1C-1D-1M
Pass = 0-2 HCP, 2-3 cards
1S = 4-7 HCP 4+ cards, or 3 HCP 5+ cards
1N = 4-7 HCP (denies spades)
2lower = 4-7 HCP 5+ cards, may hold 3-card supp.
raise = 3-5 HCP, 3-4 cards
3m}=6-7 cards,2 of 3 top honor
double-raise = 6-7 HCP, 4+ cards
2S/1H or 3H/1S = 7-cards
4m=6-7 HCP 2 ctrls (at least one of which is in m bid), any splinter
E. 1C-1D-2m
Pass = worthless hand
2 suit = 5-7 HCP, 4+ cards
2N = 5-7 HCP, bal
3M=7-card suit
raise = 5-7 HCP, Hxx supp., no 5M
4C/D = 4+ support, 2 cntrls, any splinter (4om shows cue, 4m denies that cue)
F. 1C-1D-SJS
```

$2 \mathrm{M}=<4$ losers, $4+$ cards ( 2 S denies 4 H ), begins GAB's
GAMMA ASKING BIDS
$\begin{array}{llll}\text { 1-step }=\mathrm{xx}(\mathrm{x}) & \text { 2-step }=\mathrm{x} /-- & \text { 3-step }=H(\mathrm{x}) & \text { 4-step }=H x x \\ \text { 5-step }=\mathrm{xxxx} & \text { 6-step }=\text { Hxxx } & \text { 7-step }=H H(x) & \text { 8-step }=\text { HHxx }\end{array}$
(over interference, responder bids normal if not stolen, else passes, and bids original steps over opener's X)

- After a GAB showing 0-3 cards, new suit ( $\mathrm{NT}=$ the response suit) is same GAB.
- After a GAB showing 4+ cards, a fit is found, and new suits are cue-bids.
- After responder shows equal holdings in 2 GAB's, if opener bids a third suit, it asks responder to choose the his stronger of original two asked suits.
- After 2 GAB's, opener can rebid an asked suit to show an extra card (5, usually), which negates the possibility of playing in the second-asked suit, which was probably a fragment.
$3 \mathrm{~m}=<4$ losers, $5+$ cards, no side major
$3 \mathrm{D}=4+\mathrm{D}$, no 5 M
$3 \mathrm{H}=5+\mathrm{H}(4 \mathrm{H}=$ to play, $3 \mathrm{~N}=0-1 \mathrm{H}, 3 \mathrm{~S}=$ cue with good H fit, $4 \mathrm{~m}=$ doub $\mathrm{H}, 4 \mathrm{om}=$ natural $)$
$3 \mathrm{~S}=5+\mathrm{S}(3 \mathrm{~N}=0-1 \mathrm{~S}, 4 \mathrm{~m}=2 \mathrm{~S}$ or cue with $4 \mathrm{~S}, 4 \mathrm{~S}=$ to play, $4 \mathrm{~m}=$ natural $)$
$3 \mathrm{~N}=6-7 \mathrm{HCP}$ natural (may be weaker over 3D)
$4 \mathrm{~m}=\mathrm{Hxx}+$, at least one side cntrl (cue or sign-off)
G. $1 \mathrm{C}-1 \mathrm{D}-3 \mathrm{M}$

Pass $/ 4 \mathrm{M}=$ to play
$3 \mathrm{NT}=$ rare $=$ to play
cue $=2$ ctrls, good trumps, and any side shortage

## $1 \mathrm{C}-1 \mathrm{H} / 1 \mathrm{~S} / 1 \mathrm{~N} / 2 \mathrm{C} / 2 \mathrm{D}$ continuations

## 1C-1H/S

$1 \mathrm{~N}=\mathrm{CAB}$ (control asking bid)
1 -step $=0-2$ ctrls, 2 -step $=3$ ctrls.... 5 -step $=6+$ ctrls (after 1 -step, 4 C asks $0 / 1 / 2$ ) exceptional responses:

- $\quad 3 \mathrm{~N}=$ solid 6 -card suit ( 4 C asks $0,1,2 \ldots$ outside ctrls)
- $3 \mathrm{H}=$ semi-solid 6 -crd suit ( 4 C asks $0-2,3,4, \ldots$ total ctrls)
- $4 \mathrm{H}=$ broken 7 -crd suit, no side $\mathrm{A} / \mathrm{K}$
- SJS $=6-5$ or $6-6,2+$ honors in the 2 suits
simple new suit $=$ OMEGA (or SUPPORT) ASKING BID (SAB)
(supp. $=$ Hxx or $\mathrm{xxxx} ; \min =8-10 \mathrm{HCP}<4$ ctrls; $\max =11+\mathrm{HCP} 4+$ ctrls $)$
$1 / 2$-step $=$ no supp $\min / \max , 3 / 4$-step $=$ supp $\min / \max ; 5$-step $=4$-crd supp $\max$
( $3 \mathrm{H}=6-7$ crds no supp., $\mathrm{SJS}=6-5+2$-suiter no supp.)
Following the SAB:
re-ask $=$ REPEAT SAB
(if denied supp, steps are $x / x x / x x x / H / H x / H H$ )
(if showed supp, steps are $\mathrm{Hxx}^{2} / \mathrm{Hxxx}(\mathrm{x}) / \mathrm{HHxx} / \mathrm{HHH}(\mathrm{x})$ )
raise $=$ TAB
$4 \mathrm{C}=$ MODIFIED CAB
(if responder is min $0-1 / 2 / 3 \mathrm{ctrls}$, if $\max 3 / 4 / 5 \ldots$ ctrls)
raise $=\mathrm{TAB}(0,5 \mathrm{crds} 1,5$ crds $2,6 \mathrm{crds} 1,6 \mathrm{crds} 2)$
May ask again, in a REPEAT TAB. If shown:
1 honor: $1^{\text {st }}$ step $=$ honor + jack, $2 / 3 / 4$ steps $=Q / K / A$
2 honors: $1^{\text {st }}$ step $=2+$ jack, $2 / 3 / 4$ steps $=K Q / A Q / A K$
If show jack, REPEAT REPEAT TAB asks other honor(s) as above
double raise $=18-19+$ balanced, good trumps ( xxxx or HHx)
game raise $=$ minimum bal, 4-crd fit
DJS $=16-18$ splinter

SJS $=$ DELTA ASKING BID (DAB) -
steps are : -/x, xx, xxx, 1-honor, 2-honors, 3-honors(!)
$4 C=C A B$ (even when bid late in an auction), unless clubs is nat. suit, then $4 D$ is $C A B$ $4 \mathrm{~N}=\mathrm{BLKWD}$

```
1C-2C
2H/S/N(=D) = SAB
SJS = DAB
3C=TAB
3N = 4441 16-18 HCP
2D = relay (2H/S = nat, 2N = D, 3C = 6C, 3D = 6-4, 3H+=3325 0-2/3/4\ldots ctrls)
```

Principles in auction following 2D relay:
1-step $=a$ ) if 2-suiter with major, asks for distrib. [b) else $=C A B]$, specifically:
$2 \mathrm{H}-2 \mathrm{~S}-(2 \mathrm{~N}=4405,3 \mathrm{C}=6 \mathrm{C}, 3 \mathrm{D}=1435,3 \mathrm{~S}=3145,3 \mathrm{H} / \mathrm{N}=2425 \mathrm{~min} / \mathrm{max}$
$4 \mathrm{C}=6 \mathrm{C}-5 \mathrm{H}, 4 \mathrm{D}=0445$ )
$2 \mathrm{~S}-2 \mathrm{~N}-(3 \mathrm{C}=6 \mathrm{C}, 3 \mathrm{D}=4135,3 \mathrm{H}=4315,3 \mathrm{~S} / \mathrm{N}=4225 \mathrm{~min} / \mathrm{max}, 4 \mathrm{C}=6 \mathrm{C}-5 \mathrm{~S}$,
$4 \mathrm{D}=4045$ )
$2 \mathrm{~N}-3 \mathrm{C}-(3 \mathrm{H}=1345,3 \mathrm{~S}=3145,3 \mathrm{D} / \mathrm{N}=2245 \mathrm{~min} / \mathrm{max}, 4 \mathrm{C}=6 \mathrm{C}-5 \mathrm{D})$
After distrib. shown:
cheapest non-suit $=\mathrm{CAB}$, responder's suit below game $=\mathrm{TAB}$
2 -step $=\mathrm{CAB}$ always (used when 2-suiter shown)
raise or raise after $\mathrm{CAB} /$ dist ask $=\mathrm{TAB}$
game bid = to play always
others $=$ natural, start a dialogue
1C-2D
$2 \mathrm{~S} / \mathrm{N}(=\mathrm{D}) / 3 \mathrm{C}=\mathrm{SAB}$
$3 \mathrm{M}=\mathrm{DAB}$
$3 \mathrm{~N}=4414$ 16-18 HCP
$2 \mathrm{H}=$ relay $(2 \mathrm{~S} / \mathrm{N} / \mathrm{C}=\mathrm{S} / \mathrm{H} / \mathrm{C}, 3 \mathrm{D}=6 \mathrm{D}, 3 \mathrm{H}=6-4,3 \mathrm{~S}+=33520-2 / 3 / 4 \ldots$ ctrls $)$
Principles of auction following 2 H relay:
1-step $=$ dist. ask if 2-suiter (else normal CAB), specifically:

$$
\begin{aligned}
& 2 \mathrm{~S}-2 \mathrm{~N}-(3 \mathrm{C}=4153,3 \mathrm{H}=4351,3 \mathrm{D}=6 \mathrm{D}, 3 \mathrm{~S} / \mathrm{N}=4252 \mathrm{~min} / \mathrm{max}, 4 \mathrm{C}=4054 \\
& 4 \mathrm{D}=6 \mathrm{D}-5 \mathrm{~S}) \\
& 2 \mathrm{~N}-3 \mathrm{C}-(3 \mathrm{D}=1453,3 \mathrm{~S}=3451,3 \mathrm{H} / \mathrm{N}=2452 \mathrm{~min} / \mathrm{max}, 4 \mathrm{C}=0454,4 \mathrm{D}=6 \mathrm{D}-5 \mathrm{H}) \\
& 3 \mathrm{C}-3 \mathrm{D}-(3 \mathrm{H}=1354,3 \mathrm{~S}=3154,4 \mathrm{C}=5-5,4 \mathrm{D}=6-4,3 \mathrm{~N}=2254 \mathrm{~min}, 4 \mathrm{H} / \mathrm{S}=2254 \\
& \quad \max 3 / 4+\mathrm{ctrls}, 5 \mathrm{C} / \mathrm{D}=6-5 \mathrm{~min} / \mathrm{max})
\end{aligned}
$$

2-step $=$ CAB always
raise or raise after $\mathrm{CAB} /$ dist ask $=\mathrm{TAB}$
game bid = to play always
others $=$ natural, dialogue

## 1C-1N

$2 \mathrm{D} / \mathrm{H} / \mathrm{S} / 3 \mathrm{C}=5+$ suit, SAB
$2 \mathrm{C}=$ asking relay (normal hands, slam hands, $5-4 \mathrm{M} ' \mathrm{~s}$ )
$2 \mathrm{D}=8-10 \mathrm{HCP}, 4 \mathrm{H}$
$2 \mathrm{H}=4 \mathrm{H}, 16 \mathrm{HCP}($ pass $=\operatorname{bad} 8,2 \mathrm{~N}=3433 \operatorname{good} 8,2 \mathrm{~S}=\operatorname{good} 8$ any $4432,3 \mathrm{H}=9 \mathrm{HCP}$
$4333,3 \mathrm{~N}=10 \mathrm{HCP}$ any 4432)
$2 \mathrm{~S}=16-20,4 \mathrm{~S}, \operatorname{not} 4 \mathrm{H}(2 \mathrm{~N}=8$ no fit, $3 / 4 \mathrm{~S}=\mathrm{min} / \max$ fit, $3 \mathrm{~N}=9-10$ no fit $)$
$2 \mathrm{~N}=$ slammish, but no $\mathrm{M}(3 \mathrm{C} / \mathrm{D} / \mathrm{S}=$ nat, $3 \mathrm{H}=3433,3 \mathrm{~N}=$ weak $5-\mathrm{crd}$ minor[this last case, 4 C asks minor, $4 \mathrm{D}=\mathrm{D}, 4 \mathrm{H}=\mathrm{C}]$ )
after this, opener may raise $4 C / D / S$ as trump-asking
3C/D/S = BETA-ASKING BIDS (BAB) , $5+$ cards
1-step $=\mathrm{xx} / \mathrm{xxx}, 2$-step $=\mathrm{Hx}, 3$-step $=\mathrm{Hxx}, 4$-step $=\mathrm{HH}, 5$-step $=\mathrm{HHx}$
$3 \mathrm{H}=$ slammish Trump Asking ( $3 \mathrm{~S}+=0 / 1 / 2 / 3$ top H honors)
$3 \mathrm{~N}=$ to play, 20-21 no major

$$
\begin{aligned}
& 4 \mathrm{C}=\mathrm{CAB} \\
& 4 \mathrm{H}=\text { to play } \\
& 4 \mathrm{~N}=\mathrm{BLKWD} \\
& 2 \mathrm{H}=8-10 \mathrm{HCP}, 4 \mathrm{~S} \text {, denies } 4 \mathrm{H} \\
& 2 \mathrm{~S}=16-18,4 \mathrm{~S}(2 \mathrm{~N}=43338 \mathrm{HCP} \text {, suit }=\text { doubleton } 8 \mathrm{HCP}, 3 \mathrm{~S}=43339 \mathrm{HCP} \text {, } \\
& 3 \mathrm{~N}=433310 \mathrm{HCP}, 4 \mathrm{~S}=\text { non-4333 max) } \\
& 2 \mathrm{~N}=16 \mathrm{HCP} \text {, no fit, NF } \\
& 3 \mathrm{C}=\text { slammish relay }(3 \mathrm{D}=4 \mathrm{D}, 3 \mathrm{H}=4 \mathrm{C}, 3 \mathrm{~S}=4333,3 \mathrm{~N}=\text { weak } 5 \mathrm{~m}[4 \mathrm{C} \text { asks minor: } \\
& 4 \mathrm{D}=\mathrm{D}, 4 \mathrm{H}=\mathrm{C}]) \\
& 3 \mathrm{D} / \mathrm{H}=\mathrm{BAB} \text {, as above, } 5+\text { cards }
\end{aligned}
$$

## 1C-2NT continuations

$3 \mathrm{C}=$ usually balanced
(developments after these bids same as $1 \mathrm{D}-2 \mathrm{~N}-3 \mathrm{C}$. . developments)
$3 \mathrm{D}=14-16,4333 / 3433 / 44(32)$
$3 \mathrm{M}=14-16, \mathrm{M}+$ minor
$3 \mathrm{~N}=14-16$, no M
$4-$ any $=17-19$

```
        4-any = 20+
3D/H/S/N(C) = SAB
4C=CAB
4N = BLKWD
```


## Special Response continuations

## 1C-2M

Pass $/ 4 \mathrm{M}=$ to play
new suit $=5+$ cards, F 1 (raise $=3+$ crds, $3 \mathrm{NT}=\max$ no fit, rebid $\mathrm{M}=$ min no fit, cue $=\max$ fit $)$
raise $=$ invit
$2 \mathrm{~N}=$ relay $(3 \mathrm{C}=\mathrm{QJ}$ in suit, $3 \mathrm{D}=\mathrm{AJ} / \mathrm{KJ}$ in suit, $3 \mathrm{H}=\mathrm{AQ} / \mathrm{KQ}$ in suit $)$
1C-3N
$4 \mathrm{C}=$ asks for outside ctrls $(0 / 1 / 2 \ldots$ if 0 , then 7 -crd suit) then,
$4 \mathrm{~N}($ or $5 \mathrm{C} / 4 \mathrm{~N})=$ asks shortage $($ suit $=\operatorname{sing}, \mathrm{JS}=$ void [if lower, bid it, else just 6 of own suit])
$4 \mathrm{D}=\operatorname{asks}$ suit $(\mathrm{N}=\mathrm{D})$
$4 \mathrm{~N}=$ BLKWD
1C-3m
relay $=$ asks $1 / h$ sing., then
$4 \mathrm{C}=$ nat (unless sing, then is CAB )
$4 \mathrm{D}=\mathrm{CAB}$ (unless sing is C , then TAB )
sing $\mathrm{M}=\mathrm{TAB}$ (??)
$3 \mathrm{H} / 4 \mathrm{D}($ over 3 C$)$, or $3 \mathrm{~S} / 4 \mathrm{C}($ over 3 D$)=\mathrm{TAB}$, then
Game in NT or suit = to play
4 C (or else lower of 2 possible sing's if taken, else $4 N T$ ) $=\mathrm{CAB}$
$4 \mathrm{H} / \mathrm{S}$ (over 3C/D respectively) = to play, NF
1C-3M/4m
$\operatorname{sing}=\mathrm{CAB}(3 / 4 / \ldots)$, then can re-cue sing to ask \# queens $(0 / 1 / \ldots)$
suit below game $=$ TAB $(0 / 1 \ldots)$
game $=$ to play $(16+$ may cue continue $)$
$\mathrm{NT}=$ to play, wasted values

## Handling Interference

## 1C-(X)-

Pass $=0-5$
if passed round to opener - normal rebid
if RHO bids - pass $=\min , 1 \mathrm{~N}=19-20$, bids $=$ non-crap, $\mathrm{X}=$ takeout
$1 \mathrm{D}=6-7 \mathrm{HCP}$ (see above)
$1 \mathrm{M} / 2 \mathrm{~m}=$ as normal
if RHO bids, $\mathrm{X}=$ heavily suggestive (trap-pass with stack), NT = non-min with stop, cue $=$ max, asks stop or advance cue for slammish raise
$\mathrm{XX}=8-13$ balanced (South bids as over $1 \mathrm{M} / 2 \mathrm{~m}$ above)
$1 \mathrm{~N}=14+$ bal
$2 \mathrm{M}=3-7 \mathrm{HCP}$ pree. $(\mathrm{NS}=\mathrm{F} 1)$
$3 \mathrm{Y} / 4 \mathrm{~m}=$ normal 3 -suiters
1C-(1D/H/S)
Pass $=0-6(1 \mathrm{~N}=19-20$, cue $=$ real good hand $)$
Dble $=7+\mathrm{HCP}, 0-2$ ctrls (cue suggests bal no stop or splinter or strong 1 -suiter, $\mathrm{JQ}=$ self-sufficient 1 -suiter, bids normal)
$1 \mathrm{~N}=3$ ctrls + stopper $($ cue $=$ expose $p s y c h e, X=$ pen $)$

```
2C = 3 ctrls, no stopper ( }2\textrm{N}=\operatorname{bal[3C}=\mathrm{ baron, 3else = 5+], cue = nat!, bids = 4+ cards)
2D = 4 ctrls, as above
2N = 5+ ctrls (3C = baron, else = 5+ suit)
1M = 8+ HCP, as if undisturbed
2M (even non-jump) = 6-crd suit, 2 top honors, 3-7 HCP (even if cue)
3m=KQ or AQ 6 }\mp@subsup{}{}{\mathrm{ th}
3M}=KQ 7 'th
3N = solid 6-crd suit and outside ctrl (or 7-crd suit and maybe no outside ctrl)
```

$1 \mathrm{C}-(1 \mathrm{~N}->2 \mathrm{~S})$
Pass $=0-6 \mathrm{HCP}(\mathrm{Dble}=$ strong bal with a $4 \mathrm{M}(\mathrm{hmm}), 2 \mathrm{~N}=21-22$, suit $=$ nat, cue $=\mathrm{GF}, \mathrm{JQ}=$ nat
self-sufficient exposing psyche)
Dble $=7+$ HCP 0-3 ctrls (as over 1-level X)
$2 \mathrm{~N}=3$ ctrls + stopper, or any 4 ctrls (same as over 1-level)
cue $=5+$ ctrls (nat bidding)
2 suit $=6$ to 2 top honors, 3-7 HCP
$\mathrm{JS}=\mathrm{KQ} 7^{\text {th }}$
$3 \mathrm{~N}=$ solid $6 / 7$ crder, as before
$1 \mathrm{C}-(2 \mathrm{~N}->3 \mathrm{~S})$
Pass $=0-6$ (as above)
Dble $=7+$ with $0-4$ ctrls, bal
$3 \mathrm{~N}=3-4$ ctrls with stopper
cue $=5+$ ctrls
suit $=\mathrm{GF}$
1C-1D-(bid)
Dble $=$ non-min, bal with a 4 M
$\mathrm{NT}=20-22 \mathrm{HCP}$
suit $=$ nat
cue $=\mathrm{GF}$
$\mathrm{JQ}=$ exposes psyche, excellent suit and hand
1C-pos-(bid)
Dble = penalty
bids $=$ natural

## 1D Opening Bid (2+ cards, 11-15)

Responses
Pass $=0-5 \mathrm{HCP}$, preferably with 4 diamonds or a major to run to later
$1 \mathrm{M}=5+\mathrm{HCP}, 4+$ suit
$1 \mathrm{~N}=8-11 \mathrm{HCP}$, no major
$2 \mathrm{~m}=11+\mathrm{HCP}, 4+$ cards
$2 \mathrm{~N}=16+$ HCP balanced
$2 \mathrm{H} / \mathrm{S} / 3 \mathrm{C} / \mathrm{D}=12+\mathrm{HCP}$, good suit $(5+\mathrm{M}, 6+\mathrm{m})$
$3 \mathrm{M} / 4 \mathrm{~m}=$ preemptive
$3 \mathrm{~N}=13-15 \mathrm{HCP}$ bal, no major

## 1D-1H continuations

$1 \mathrm{~S}=4 \mathrm{~S}, \operatorname{not} 4 \mathrm{H}$
$1 \mathrm{~N}=8-11 \mathrm{HCP}$, no 4 S
$2 \mathrm{~m}=6-10,4 \mathrm{H}-5 \mathrm{~m}$ or $5 \mathrm{H}-4 \mathrm{~m}, \mathrm{NF}$
$2 \mathrm{H} / 3 \mathrm{H} / 4 \mathrm{H}=$ to play/invit/to play

$$
\begin{aligned}
& 2 \mathrm{~S} / 3 \mathrm{~S} / 4 \mathrm{~S}=8 \text {-10/invit/to play } \\
& 2 \mathrm{~N} / 3 \mathrm{~N}=\text { invit/ } 13-15 \\
& 3 \mathrm{~m}=\mathrm{GF}, 5+\mathrm{H}, 3+\mathrm{m} \text {, can be cheaper stopper } \\
& 4 \mathrm{~m}=\text { slamtry in S, good trumps, cheapest cue } \\
& 4 \mathrm{~N}=\text { RKC } \\
& 1 \mathrm{~N}=11-14(-) \mathrm{HCP} \text { bal } \\
& 2 \mathrm{~m}=6-10,4 \mathrm{H}-5 \mathrm{~m} \text { or } 5 \mathrm{H}-4 \mathrm{~m}, \mathrm{NF} \\
& 2 \mathrm{H} / 3 \mathrm{H} / 4 \mathrm{H}=\text { to play/invit/to play } \\
& 2 \mathrm{~S}=4^{\text {th }} \text { suit forcing or nat, GF } \\
& 2 \mathrm{~N} / 3 \mathrm{~N}=\text { invit/to play } \\
& 3 \mathrm{~m}=\mathrm{GF}, 5+\mathrm{H}, 3+\mathrm{m} \\
& 3 \mathrm{~S}=6 \mathrm{H}-5 \mathrm{~S} \mathrm{GF} \\
& 4 \mathrm{~N}=\mathrm{BLK} \\
& 2 \mathrm{C}=\text { unbal, } 5 / 6 \mathrm{C}, 2+\mathrm{D} \\
& 2 \mathrm{D} / 2 \mathrm{H} / 3 \mathrm{H} / 4 \mathrm{H}=\text { to play/to play/invit/to play } \\
& 2 \mathrm{~S}=\text { semi-natural, } \mathrm{GF} \\
& 2 \mathrm{~N} / 3 \mathrm{~N}=\text { invit/to play } \\
& \text { 3C }=\text { invit } \\
& 3 \mathrm{D}=5+\mathrm{H}, 3+\mathrm{D}, \mathrm{GF} \\
& 3 \mathrm{~S} / 4 \mathrm{C} / 4 \mathrm{D}=\text { slam try in clubs, cheapest cue } \\
& 4 \mathrm{~N}=\mathrm{RKC} \\
& 2 \mathrm{D}=5+\mathrm{D} \text {, may have } 4 \mathrm{C} \\
& 2 \mathrm{H} / 3 \mathrm{H} / 4 \mathrm{H}=\text { to play/invit/to play } \\
& 2 \mathrm{~S}=\text { semi-natural, GF } \\
& 2 \mathrm{~N} / 3 \mathrm{~N}=\text { invit/to play } \\
& 3 \mathrm{C}=5+\mathrm{H}, 3+\mathrm{C}, \mathrm{GF} \\
& \text { 3D }=\text { invit } \\
& 3 \mathrm{~S} / 4 \mathrm{C} / 4 \mathrm{D}=\text { slam try in } \mathrm{D} \text {, cheapest cue } \\
& 4 \mathrm{~N}=\mathrm{RKC} \\
& 2 \mathrm{H}=4 \mathrm{H} \text {, not max } \\
& \text { suit }=\text { feature, invit }+ \\
& 2 \mathrm{~N}=\text { asks for sing or doubl }(3 \mathrm{H}=4333 \mathrm{~min}, 3 \mathrm{~N}=4333 \mathrm{max}) \\
& 3 \mathrm{H}=\text { power invite } \\
& 3 \mathrm{~N}=\text { c.o.g. } \\
& 3 \mathrm{~S} / 4 \mathrm{C} / 4 \mathrm{D}=\text { slammish, cheapest cue } \\
& 4 \mathrm{H}=\text { to play } \\
& 4 \mathrm{~N}=\mathrm{RKC} \\
& 2 \mathrm{~S}=14-15 \mathrm{HCP}, 5+\mathrm{D}, 4 \mathrm{~S}, 4-5.5 \text { losers, NF } \\
& 2 \mathrm{~N}=8-9 \mathrm{HCP}, \mathrm{NF} \\
& 3 \mathrm{C}=\text { artif force: nat, or asks stop, or advance cue } \\
& 3 \mathrm{D} / 3 \mathrm{H} / 3 \mathrm{~N} / 4 \mathrm{H} / 4 \mathrm{~S}=\text { to play } \\
& \text { 3S = invite } \\
& 4 C / D=\text { slam try spades/diamonds } \\
& 4 \mathrm{~N}=\mathrm{RKC} \\
& 2 \mathrm{~N} / 3 \mathrm{D}=14-15 \text {, solid D, with/without stoppers } \\
& 3 \mathrm{C} / 2 \mathrm{~N}=\text { checkback or advance cue } \\
& 3 \mathrm{D} / 3 \mathrm{H} / 3 \mathrm{~N} / 4 \mathrm{H}=\text { to play } \\
& 3 \mathrm{~S}=\mathrm{GF}, 6 \mathrm{H}-5 \mathrm{~S} \text { or advance cue for } \mathrm{D} \\
& 4 C / D=\text { cheapest cue, slammish for } D \\
& 4 \mathrm{~N}=\mathrm{RKC} \\
& 3 \mathrm{C}=14-15,5+\mathrm{D}, 5 \mathrm{C}, 4-5.5 \text { losers } \\
& 3 \mathrm{D} / 3 \mathrm{H} / 3 \mathrm{~N} / 4 \mathrm{H}=\text { to play } \\
& 3 \mathrm{~S}=\mathrm{GF} \text {, stopper-ask or } 6 \mathrm{H}-5 \mathrm{~S} \text { or advance cue for a } \mathrm{m} \\
& 4 \mathrm{C}=\text { slam try, no } \mathrm{S} \text { cue } \\
& 4 \mathrm{D}=\text { slam try in } \mathrm{D} \text {, no } \mathrm{S} \text { cue } \\
& 4 \mathrm{~N}=\mathrm{RKC}
\end{aligned}
$$

$3 \mathrm{H}=14-15$, unbal (cue, or $3 \mathrm{NT} / 4 \mathrm{H}$ to play, RKC)
$3 \mathrm{~S}=4-5.5$ losers, 6D-5S
$3 \mathrm{~N} / 4 \mathrm{D} / 4 \mathrm{H} / 4 \mathrm{~S}=$ to play
$4 \mathrm{C}=$ advance cue for D or S
$4 \mathrm{~N}=\mathrm{RKC}$
$3 \mathrm{~N} / 4 \mathrm{C} / 4 \mathrm{D}=$ max 2 -suiter, $4+\mathrm{H}, 4-5$ losers ( 3 N denies $\mathrm{A} /-$ - of either minor, 4 m is $\mathrm{A} /--$ )

## 1D-1S continuations

## Opener's Rebids

$1 \mathrm{~N}=12-13$ bal, or unbal 11-13
$2 \mathrm{C}=$ nat, NF (maybe canape)
$2 \mathrm{D} / \mathrm{H} / \mathrm{S}=$ to play
2N/3S = invit
$3 \mathrm{C} / \mathrm{D}=\mathrm{GF}$, seminat or checkback or waiting
$3 \mathrm{H}=\mathrm{GF}, 5-4+$
$4 \mathrm{~N}=\mathrm{BLKWD}$
$2 \mathrm{C}=11-15$ longer clubs, or 11-13 5-5 minors
$2 \mathrm{D} / 2 \mathrm{H} / 2 \mathrm{~S} / 3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$2 \mathrm{~N} / 3 \mathrm{~S} / 3 \mathrm{~S}=$ invit
$3 \mathrm{D} / 3 \mathrm{H}=\mathrm{GF}$, semi/natural, $5+\mathrm{S}$
$4 \mathrm{~m}=$ cheapest cue, slam try C
$4 \mathrm{~N}=\mathrm{BLKWD}$
$2 \mathrm{D}=5+\mathrm{D}$ (may have 4C)
$2 \mathrm{H} / 2 \mathrm{~S} / 3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$2 \mathrm{~N} / 3 \mathrm{D} / 3 \mathrm{~S}=$ invit
$3 \mathrm{C}=\mathrm{GF}$, seminat, $5+\mathrm{S}$
$3 \mathrm{H}=5 \mathrm{~S}-4+\mathrm{H}, \mathrm{GF}$
$4 \mathrm{~m}=$ cheapest cue for D , slamtry
$2 \mathrm{H}=14-15$ reverse
$2 \mathrm{~S} / 3 \mathrm{D} / 3 \mathrm{~N} / 4 \mathrm{H} / 4 \mathrm{~S}=$ to play
$2 \mathrm{~N} / 3 \mathrm{H} / 3 \mathrm{~S}=$ invit
$3 \mathrm{C}=3+\mathrm{crds}, \mathrm{GF}$
$4 \mathrm{C}=$ slam try H, cue
$4 \mathrm{D}=$ slam try D, no C ctrl
$2 \mathrm{~S}=$ raise, not $\max (2 \mathrm{~N}=$ asks sing or doub[ $3 \mathrm{~S} / \mathrm{N}=4333 \mathrm{~min} / \mathrm{max}]$, suit $=$ feature, $3 \mathrm{~S}=\lim$, cue $=$ slam $)$
$2 \mathrm{~N} / 3 \mathrm{D}=$ solid diamonds, max, with/without stoppers
$3 \mathrm{C} / 2 \mathrm{~N}$ or $3 \mathrm{H} / 3 \mathrm{D}=\mathrm{GF}$ checkback or natural
$3 \mathrm{D} / 3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$3 \mathrm{~S}=$ invit
$3 \mathrm{H} / 2 \mathrm{~N}=\mathrm{GF}$, nat $5-5+$, or cue for D without C cue
$4 \mathrm{~m}=$ cheapest cue, slamtry D
$3 \mathrm{C}=14-15 \mathrm{HCP}, 5+\mathrm{D}-5 \mathrm{C}, 4-5.5$ losers
$3 \mathrm{D} / 3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$3 \mathrm{H}=\mathrm{GF}$ : nat, or asks stop, or advance cue
3S = limit
4C/D = slamtry, no H cue
$3 \mathrm{H}=6 \mathrm{D}-5 \mathrm{H}, 4-5.5$ losers
$3 \mathrm{~S}=\lim$
$3 \mathrm{~N} / 4 \mathrm{D} / 4 \mathrm{H}=$ to play
$4 \mathrm{C}=$ cue for either suit
$3 \mathrm{~S}=\max$ unbalanced (3N to play, 4 S to play, else cue or RKC)
$3 \mathrm{~N}=4-5$ losers, good S fit, no first-rd of either minor
$4 C / D=4-5$ losers, good $S$ fit, first-rd ctrl

## 1D-1N continuations

```
\(2 \mathrm{C}=2\)-suited with minors, or unbal 3D-5+C
    \(2 \mathrm{D} / 3 \mathrm{~N}=\) to play
    \(2 \mathrm{H}=10-11\), D fit with H stopper, F1 (2S = 6C-3/4D[2N asks stoppers: 3C no S stop, 3D S stop
                and 3 N both \(\mathrm{D}+\mathrm{S}\) stoppers], \(2 \mathrm{~N} / 3 \mathrm{~N}=\mathrm{min} / \mathrm{max}+\mathrm{S}\) stop, 3 longer suit \(=\) no S stop)
    \(2 \mathrm{~S}=10-11\), D fit, S stop no H stop, F1 ( \(2 \mathrm{~N} / 3 \mathrm{~N}=\mathrm{H}\) stop \(\min / \mathrm{max}\), longer suit \(=\) no H stop \()\)
    \(2 \mathrm{~N}=10-11\), both M's stopped
    \(3 \mathrm{C}=9-11\) nat
\(2 \mathrm{D}=5+\mathrm{D}\)
    \(2 \mathrm{H}=10-11, \mathrm{H}\) stop, \(\mathrm{F} 1(2 \mathrm{~S}=\mathrm{S}\) stop no C stop \(\max , 2 \mathrm{~N}=\mathrm{S}\) stop \(\min [3 \mathrm{C}\) asks C stop: \(3 \mathrm{D} / \mathrm{N}=\)
                no/yes], \(3 \mathrm{C}=\mathrm{C}\) stop max no S stop, \(3 \mathrm{D}=\) no black stop or min with C stop, \(3 \mathrm{~N}=\)
                max both black stops)
    \(2 \mathrm{~S}=10-11\), S stop no H stop, \(\mathrm{F} 1(2 \mathrm{~N}=\mathrm{H}\) stop \(\min [3 \mathrm{C}\) asks C stop: \(3 \mathrm{D} / \mathrm{N}=\) no/yes], \(3 \mathrm{C}=\mathrm{H}\)
                stop max no C stop, 3D = no H stop, \(3 \mathrm{~N}=\) both stops max)
    \(2 \mathrm{~N}=10-11\), all stops
    \(3 \mathrm{C}=\) to play
    \(3 \mathrm{D}=9-11\) invite
\(2 \mathrm{H}=\) max reverser
        \(2 \mathrm{~S}=9-11\), no H fit, F1 ( \(2 \mathrm{~N}=\mathrm{S}\) stop, \(3 \mathrm{C}=\mathrm{C}\) stop, \(3 \mathrm{D}=6-4,3 \mathrm{~N}=\) all stops \()\)
        \(2 \mathrm{~N}=9-11\), black stops
        \(3 \mathrm{C} / \mathrm{D}=\) to play
        3H = 3-crd invite, sharp black cards
\(2 \mathrm{~S}=\) max reverser
        \(2 \mathrm{~N}=9-11\), \(\mathrm{F} 1(3 \mathrm{C}=\mathrm{C}\) stop, \(3 \mathrm{D}=6-4,3 \mathrm{H}=\mathrm{H}\) stop, \(3 \mathrm{~N}=\) both stops \()\)
        \(3 \mathrm{C} / \mathrm{D}=\) to play
\(2 \mathrm{~N}=15 \mathrm{HCP}\) bal, \(4-4\) majors (necessarily) ( \(3 \mathrm{~m}=\) invit with \(6+\) suit, \(3 \mathrm{~N}=\) to play)
\(3 \mathrm{C}=14-15,4-5.5\) losers, \(5-5\) or \(6 \mathrm{D}-4 \mathrm{C}\)
        \(3 \mathrm{D} / \mathrm{N}=\) to play
        \(3 \mathrm{H} / \mathrm{S}=10-11\), stop or advance cue for a m
        \(4 \mathrm{~m}=9-11\) invit
\(3 \mathrm{D}=\) max, semi-solid or better suit, bad stoppers
            \(3 \mathrm{H} / \mathrm{S}=9-11, \mathrm{~F} 1\), stop or advance cue
            \(3 \mathrm{~N}=\) to play
            \(4 \mathrm{D}=\) invit
\(3 \mathrm{H} / \mathrm{S}=6-5,4-5.5\) losers
            \(3 \mathrm{~S} / 3 \mathrm{H}=10-11, \mathrm{~F} 1\), stop or advance cue
            \(3 \mathrm{~N}=9-11,2 \mathrm{M}\) support, and stoppers
            \(4 \mathrm{C}=\) advance cue for a suit (no S ctrl if 3 S bypassed)
            \(4 \mathrm{D}=\) invit, no black cue
            \(4 \mathrm{H}=\) to play if raise; cue for a suit if not
\(3 \mathrm{~N}=\) max, solid D , and stoppers \((4 \mathrm{D}=\) long clubs weak NF , new suit \(=\) cue in unbal hand \()\)
```


## 1D-2C continuations

## Opener's Rebids

$2 \mathrm{D}=6+\mathrm{D}$, or $11-135 \mathrm{D}-4 \mathrm{M}$, or 11-13 5D missing stopper(s) in $\mathrm{M}(\mathrm{s})$
$2 \mathrm{H}=5 \mathrm{C}-4 \mathrm{H}$, or fragment waiting, or cue for good D raise
$2 \mathrm{~S}=5 \mathrm{C}-4 \mathrm{~S}$, or cheapest stopper, or cheapest cue for good D raise
$2 \mathrm{~N}=11 \mathrm{HCP}$, invit
$3 \mathrm{C}=10-11$, good 6-crd suit, invit
$3 \mathrm{D}=$ limit
$3 \mathrm{M}=6 \mathrm{C}-5 \mathrm{M} \mathrm{GF}$
$3 \mathrm{~N}=$ to play
$4 \mathrm{C}=$ slamtry $\mathrm{D}, \mathrm{C}$ ctrl
$2 \mathrm{H}=4 \mathrm{H}$ : bal min, or max with $5 \mathrm{D}-5 \mathrm{H}$ or $4 \mathrm{H}-4 \mathrm{~S}$
$2 \mathrm{~S}=\operatorname{relay}(2 \mathrm{~N}=3433 \mathrm{~min}, 3 \mathrm{C} / \mathrm{N}=4 \mathrm{C} / \mathrm{D}-4 \mathrm{H} \min , 3 \mathrm{D}=5 \mathrm{D}-4 \mathrm{H} \max , 3 \mathrm{H} / \mathrm{S}=4 \mathrm{H}-4 \mathrm{~S} \min / \mathrm{max})$
$2 \mathrm{~N} / 3 \mathrm{C}=$ limit
$3 \mathrm{D}=\mathrm{F} 1: 5 \mathrm{C}-4 \mathrm{D}$ or asks S stop or advance cue for H
$3 \mathrm{H}=5 \mathrm{C}-4 \mathrm{H}$ GF
$3 \mathrm{~S}=6 \mathrm{C}-5 \mathrm{~S}$ GF
$3 \mathrm{~N} / 4 \mathrm{H}=$ to play
$4 \mathrm{C}=$ slam cue for H
$4 \mathrm{D}=$ slamtry H : either first-rd both minors, or second-rd D and any C cue
$2 \mathrm{~S}=4 \mathrm{~S}$ : bal min, or max 5D-4S
$2 \mathrm{~N} / 3 \mathrm{~N} / 4 \mathrm{~S}=$ invit/to play/to play
$3 \mathrm{C}=\operatorname{relay}(3 \mathrm{D}=5 \mathrm{D}-4 \mathrm{~S} \max , 3 \mathrm{H} / \mathrm{N}=4 \mathrm{C} / \mathrm{D}-4 \mathrm{~S} \min , 3 \mathrm{~S}=4333 \mathrm{~min})$
$3 \mathrm{D}=\mathrm{GF}$ : nat, or advance cue for S , or asks H stop
$3 \mathrm{H}=\mathrm{GF}$ : nat, or advance cue for S , or asks D stop
$3 \mathrm{~S}=\mathrm{GF}, 5 \mathrm{C}-4 \mathrm{~S}$
$4 \mathrm{C}=$ slam cue for S
$4 \mathrm{D}=$ slamtry S : either first-rd both minors, or second-rd D and any C cue
$2 \mathrm{~N}=$ bal min, no major, stoppers ( $3 \mathrm{C}=6 \mathrm{C}$ limit, $3 \mathrm{D}=\mathrm{GF}$ both minors, $3 \mathrm{M}=\mathrm{GF} 6 \mathrm{C}-5 \mathrm{M}, 3 \mathrm{~N}$ to play)
$3 \mathrm{C}=5-6 \mathrm{C}$, or both minors, or $5 \mathrm{C}-4 \mathrm{M}, 2-3 \mathrm{D}$
$3 \mathrm{D} / \mathrm{H} / \mathrm{S}=\mathrm{GF}$, cheapest stopper or advance cue for C
$3 \mathrm{~N}=$ to play
$3 D=14-15$ solid $D$, missing a $M$ stop
$3 \mathrm{M}=\mathrm{GF}$ : cheapest stopper or $6 \mathrm{C}-5 \mathrm{M}$ or cheapest cue for D
$3 \mathrm{~N}=$ to play
$4 \mathrm{C}=$ nat
$4 \mathrm{D}=$ forcing, no M controls or stoppers
$3 \mathrm{H} / \mathrm{S}=6 \mathrm{D}-5 \mathrm{M}, 4-5.5$ losers (advance cue, or bid a game)
$3 \mathrm{~N}=14-15$, solid D, both M stops (cues)
$4 \mathrm{C}=4$ losers, good minor 2-suiter (cue or sign-off)

## 1D-2D continuations

$2 \mathrm{H}=4 \mathrm{H}$ bal, or $5 \mathrm{~m}-4 \mathrm{H}$, or 4441
$2 \mathrm{~S}=\operatorname{relay}(2 \mathrm{~N}=3433 \mathrm{~min}, 3 \mathrm{C} / \mathrm{N}=4 \mathrm{C} / \mathrm{D}-4 \mathrm{H} \min , 3 \mathrm{D}=5 \mathrm{D}-4 \mathrm{H} \max , 3 \mathrm{H} / \mathrm{S}=4 \mathrm{H}-4 \mathrm{~S} \min / \mathrm{max})$
$2 \mathrm{~N} / 3 \mathrm{D}=$ limit
$3 \mathrm{C}=\mathrm{F} 1: 5 \mathrm{D}-4 \mathrm{C}$ or stopper for 3 NT , or advance cue for H
$3 \mathrm{H}=5 \mathrm{D}-4 \mathrm{H} G \mathrm{GF}$
$3 \mathrm{~S}=6 \mathrm{D}-5 \mathrm{~S}$ GF
$3 \mathrm{~N} / 4 \mathrm{H}=$ to play
$4 \mathrm{C}=2^{\text {nd }}$ rd C cue, $1^{\text {st }}$ rd D cue for H
$4 \mathrm{D}=$ slamtry H , cheapest cue
$2 \mathrm{~S}=4 \mathrm{~S}$ bal, or $5 \mathrm{~m}-4 \mathrm{~S}$
$2 \mathrm{~N}=11 \mathrm{HCP}$ invit
$3 \mathrm{C}=$ relay $(3 \mathrm{D}=5 \mathrm{D}-4 \mathrm{~S} \max , 3 \mathrm{H} / \mathrm{N}=4 \mathrm{C} / \mathrm{D}-4 \mathrm{~S} \min , 3 \mathrm{~S}=4333 \mathrm{~min})$
$3 \mathrm{D}=$ limit
$3 \mathrm{H}=\mathrm{F} 1$ : either 6D-5H, or H stop, or advance cue for S
$3 \mathrm{~S}=\mathrm{GF} 5+\mathrm{D}-4 \mathrm{~S}$
$3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$4 \mathrm{C}=$ slamtry $\mathrm{S}, 1^{\text {st }}$ rd D cue, $2^{\text {nd }}$ rd C cue
$4 D=$ slamtry S, D cue, no C cue
$2 \mathrm{~N}=\min$ bal, no M , stoppers in M's
$3 \mathrm{C}=\mathrm{GF}$, nat
$3 \mathrm{D}=$ limit
$3 \mathrm{M}=6 \mathrm{D}-5 \mathrm{M}$
$3 \mathrm{~N}=$ to play
$3 \mathrm{C}=5 \mathrm{C}-4 \mathrm{D}$ or $4 \mathrm{C}-5 \mathrm{D}$, or 6 bad C , or 5 C missing $M$ stop

$$
3 \mathrm{D}=\mathrm{limit}
$$

$3 M=6 D-5 M$ or cheapest stop or advance cue for $C$
$3 \mathrm{~N}=$ to play
$3 \mathrm{D}=$ one-suiter, or missing a M stopper ( $3 \mathrm{M}=$ stopper or advance cue, $3 \mathrm{~N}=$ to play )
$3 M=6 D-5 M$ (cue or sign-off)
$4 C=4$ losers, good $D$, cue $(4 D=\min$, cue $=\max )$

## 1D-2M continuations

$2 \mathrm{~N}=$ min bal or semi-bal
$3 \mathrm{C}=2$-suiter
$3 \mathrm{D}=$ slam relay $(3 \mathrm{H}=5 \mathrm{C}-4 \mathrm{D} \min , 3 \mathrm{~S}=5 \mathrm{D}-4 \mathrm{C} \min , 3 \mathrm{~N}=5-5 \mathrm{~min}, 4 \mathrm{~m}=5 \mathrm{~m}-3 \mathrm{om} \max )$
$\mathrm{oM}=2$-suiter
$3 \mathrm{D}=6+\mathrm{crds}$
raise $=\mathrm{Hxx}(+)$, bal or slightly unbal
$\mathrm{JoM}=6 \mathrm{D}-5 \mathrm{oM}$
$3 \mathrm{~N}=$ bal 1-suiter, non-minimum, with side-stoppers
$4 \mathrm{C}=5-5$ max
$4 \mathrm{D}=6+$ solid suit
Responder rebids:
3 own suit $=12-14 \mathrm{HCP}$, usu. no stopper in $4^{\text {th }}$ suit
$3 \mathrm{~N}=$ min, with stoppers
new suit $=$ cue, some slam interest for opener's suit or own suit, or asking stopper if $4^{\text {th }}$ suit $4 \mathrm{D}=$ good trump support, slammish, denies C cue

## 1D-2N continuations

$$
\begin{aligned}
& 3 \mathrm{C}=\mathrm{bal} \text {, or } 4441 \\
& 3 \mathrm{D}=16-18,4 \mathrm{H}-4 \mathrm{~S} \text { or } 4 \mathrm{M} 333 \\
& 3 \mathrm{H}=\text { Stayman }(3 \mathrm{~S} / \mathrm{N}=4 \mathrm{~S} / \mathrm{H}-333,4 \mathrm{C}=4423,4 \mathrm{D}=4432) \\
& 3 \mathrm{H}=16-18,4 \mathrm{H}-4 \mathrm{~m} \\
& 3 \mathrm{~N} / 4 \mathrm{H}=\mathrm{min} \text {, to play } \\
& 3 \mathrm{~S}=\text { max, relay }(3 \mathrm{~N}=2443,4 \mathrm{C}=2434,4 \mathrm{D}=3442,4 \mathrm{H}=3424) \\
& 4 \mathrm{C}=\mathrm{CAB} \\
& 3 \mathrm{~S}=16-18,4 \mathrm{~S}-4 \mathrm{~m} \\
& 4 \mathrm{~N} / 4 \mathrm{~S}=\mathrm{min} \text {, to play } \\
& 4 \mathrm{C}=\text { max, relay }(4 \mathrm{D}=4243,4 \mathrm{H}=4234,4 \mathrm{~S}=4342,4 \mathrm{~N}=4324) \\
& 4 \mathrm{D}=\mathrm{CAB} \\
& 3 \mathrm{~N}=16-18 \text {, no major } \\
& 4 \mathrm{~N}=\text { max, } 4-4 \text { minors (Pass }=16-17,5 \mathrm{~m}=5 \text { crds } 18 \mathrm{HCP} \text { ) } \\
& 4 \mathrm{C}=4441 \mathrm{max}(4 \mathrm{D}=\mathrm{a} 4 \text {-crd } \mathrm{m}[4 \mathrm{H} \text { asks } \mathrm{D} / \mathrm{C}], 4 \mathrm{H}=2344,4 \mathrm{~S}=\mathrm{a} 5 \mathrm{~m} \\
& \text { [5C asks D/C]) } \\
& 4 \mathrm{C}=19-21,4 \mathrm{C}-4 \text { higher ( } 4 \mathrm{D} \text { asks: } 4 \mathrm{M}=\mathrm{M}, 4 \mathrm{~N}=\mathrm{D} \text { ) } \\
& 4 \mathrm{D}=19-21,4 \mathrm{D}-4 \mathrm{H} \\
& 4 \mathrm{H}=19-21,4 \mathrm{H}-4 \mathrm{~S} \\
& 4 \mathrm{~S}=19-21,4 \mathrm{~S}-4 \mathrm{D} \\
& 4 \mathrm{~N}=19-21 \text {, any } 4333 \text { or } 5 \mathrm{~m} \text { ( } 5 \mathrm{C} \text { asks: } 5 \text { suit }=4333,5 \mathrm{~N}=3334,6 \mathrm{~m}=5 \mathrm{~m} \text { ) } \\
& 5 \mathrm{Y} / 5 \mathrm{~N}=22+\mathrm{HCP} \text {, same as 4-level bids } \\
& 3 \mathrm{D}=\mathrm{D} \text { or } \mathrm{C}-\mathrm{D} \ldots \ldots .3 \mathrm{H}=\text { relay, then } \\
& 3 \mathrm{~S}=5 \mathrm{D}-4 \mathrm{C} \text { min } \\
& 3 \mathrm{~N}=5 \mathrm{C}-4 \mathrm{D} \min \\
& 4 \mathrm{C}=5-5 \mathrm{~min} \\
& 4 \mathrm{D}=6 \mathrm{D} \text { min } \\
& 4 \mathrm{H}=5 \mathrm{C}-4 \mathrm{D} \text { max }
\end{aligned}
$$

```
        4S = 5D-4C max
        4N = 6322 min, solid suit
        5C/D = 6D-5C min/max
3M=5D-4M
        4C = CAB
        3S/3H = relay for strength ( }3\textrm{N}=\operatorname{min},4\textrm{C}=\operatorname{max}\mathrm{ )
        4D/3S = relay for strength (5C = min, 5D = max )
3N=5m332,or min 6C bal (4C = CAB, 4D asks [4H = 5/6 clubs, 4S = 5D])
4C = 5-5 max
4D/5D = 6D max, not/solid
4M = 6D-5M
4N = 6C(322) max, not good suit
5C=6C(331) min, or medium 6C(322)
```


## 1D-3m continuations

```
1D-3C
\(3 \mathrm{D}=6 \mathrm{D}\)
\(3 \mathrm{M}=5 \mathrm{D}-4 \mathrm{M}\)
\(3 \mathrm{~N}=\min\) bal, or max with doubleton C
\(4 \mathrm{C}=\) max bal (4H-4S, thus), or unbal with \(3+\mathrm{C}\)
\(4 \mathrm{D}=\) solid \(6+\) suit
\(4 \mathrm{M}=6 \mathrm{D}-5 \mathrm{M}\)
1D-3D
\(3 \mathrm{H}=\) bal with H stop, not some other stop
\(3 \mathrm{~S}=\) bal with S stop, no H stop
\(3 \mathrm{~N}=\) bal, stoppers
\(4 D=3+D(\max\) bal, or \(5 \mathrm{D} \min\), or unbal)
```

Responder rebids NT with 12-14, stoppers/cue, cue with slammish own suit or support. 4 own suit shows slammish, excellent suit, starts cues. Raise shows good D support, slam interest. 4N = BLKWD.

## Opening 1M (11-15, 5+ cards)

## Responses

$1 \mathrm{~S} / 1 \mathrm{H}=6+\mathrm{HCP}, 4+\mathrm{crds}$
$1 \mathrm{~N}=11-13 \mathrm{bal}$
$2 \mathrm{~m}=6-11 \mathrm{NF}$
$2 \mathrm{M}=6-10 \mathrm{NF}$
$2 \mathrm{~N} / 3 \mathrm{M} / 3 \mathrm{~N} / 4 \mathrm{M}=\lim / \mathrm{lim} /$ to play/to play
$3 \mathrm{~m}=\mathrm{GF}, 4+$ crds usu.
$4 \mathrm{~m}=$ slamtry H , cue
$2 \mathrm{~m}=4+$ cards
$2 \mathrm{D} / 2 \mathrm{C}$ or $3 \mathrm{C} / 2 \mathrm{D}=\mathrm{F} 1$, nat or checkback or waiting
$2 \mathrm{M}=\mathrm{NF}$
$2 \mathrm{~N} / 3 \mathrm{M} / 3 \mathrm{~N} / 4 \mathrm{M}=\lim$./lim/to play/to play
m -raise $=\lim$
$3 \mathrm{D} / 2 \mathrm{C}=\mathrm{GF}, 5-4+$
$4 \mathrm{~m}=$ slamtry
4om = slamtry cue for H
$2 \mathrm{H}=6+$ cards, or $14-15 \mathrm{w} / 5$-crds
$2 \mathrm{~S}=\mathrm{NF}$
$2 \mathrm{~N}=$ relay $(3 \mathrm{~m}=6-4,3 \mathrm{H}=6 \mathrm{H} \min , 3 \mathrm{~S}=5 \mathrm{H}-3 \mathrm{~S} \max , 3 \mathrm{~N}=5 \mathrm{H}-2 \mathrm{~S} \max , 4 \mathrm{H}=6 \mathrm{H} \max )$
$3 \mathrm{~S}=\lim$

$$
\begin{aligned}
& 3 \mathrm{H}=8-9,3 \mathrm{H} \\
& 3 \mathrm{~N} / 4 \mathrm{M}=\text { to play } \\
& 4 \mathrm{~m}=\text { cue for } \mathrm{H} \\
& 2 \mathrm{~S} / 3 \mathrm{~S}=4 \mathrm{~S} \text { non-max } / \max \text { (occ. } 3 \mathrm{~S} \text { for simple raise) } \\
& 2 \mathrm{~N} / 3 \mathrm{H}=\text { nat, } 4 \mathrm{~S} \text {, lim } \\
& 3 \mathrm{~m}=\text { slam cue for } \mathrm{S} \text {, or shows stopper } \\
& 3 \mathrm{~S} / 3 \mathrm{~N}=\lim / \text { to play (correctable with } 4 \mathrm{~S} \text { ) } \\
& 4 \mathrm{~m}=\text { slam cue for } \mathrm{H} \\
& 2 \mathrm{~N} / 3 \mathrm{H}=\text { solid } 6 \text { crds, max, stoppers/no stoppers } \\
& 3 \mathrm{~m}=\text { cue or nat } \\
& 3 \mathrm{H} / \mathrm{S} / \mathrm{N} / 4 \mathrm{M}=\text { to play } \\
& 4 \mathrm{~m}=\text { cue for } \mathrm{H} \\
& 3 \mathrm{~m}=4-5.5 \text { losers, } 5-5 \\
& 3 \mathrm{D}=\text { cue or stopper-ask } \\
& 3 \mathrm{H} / 3 \mathrm{~S} / 3 \mathrm{~N} / 4 \mathrm{M}=\text { to play } \\
& \text { raise }=\text { sets suit } \\
& 40 \mathrm{~m}=\text { cue for } \mathrm{H} \\
& 3 \mathrm{~N}=4 \text { losers, } 4 \mathrm{~S} \text {, no first-rd minor cue } \\
& 4 \mathrm{~m}=4 \text { losers, } 4 \mathrm{~S} \text {, first-rd cue } \\
& 1 \mathrm{~N}=6-11, \mathrm{NF} \\
& 2 \mathrm{~m}=4+\text { suit } \\
& \text { om = to play } \\
& 2 \mathrm{M} \text { pref }=2+\text { crds to play } \\
& 2 \mathrm{~S} / 1 \mathrm{H}=\text { invit relay, } \mathrm{S} \text { stop, no stop om }(2 \mathrm{~N}=\min , 3 \text { new suit }=\max \text { frag, } 3 \mathrm{M} / \mathrm{N}= \\
& 5422 \text { without/with om stop, } 3 \mathrm{~m}=\min 5-4+\text { unbal) } \\
& 2 \mathrm{H} / 1 \mathrm{~S}=\text { invit, good } 5 \text { or any } 6 \text {-crds } \\
& 2 \mathrm{~N}=\lim \\
& \text { raise }=\text { invit in } \mathrm{m} \text {, no } \mathrm{S} \text { stop }(3 \mathrm{M}=5422 \text { no } \mathrm{S} \text { stop, } 3 \mathrm{oM}=\text { frag, } 3 \mathrm{~N}=\mathrm{S} \text { stop }) \\
& 3 \mathrm{M}=\text { invit, } \mathrm{HH} \text { or } \mathrm{xxx} \\
& \text { rebid } M=6 \mathrm{M} \text { 11-15, or } 5 \mathrm{M} \text { 14-15 } \\
& 2 \mathrm{~S}=\mathrm{F} 1 \mathrm{oM} \text { stop, missing some } \mathrm{m}(2 \mathrm{~N}=14 \mathrm{HCP} 5 \mathrm{H}, 3 \mathrm{~m}=6-4,3 \mathrm{H} / 4 \mathrm{H}=6 \mathrm{H} \min / \mathrm{max} \text {, } \\
& 3 \mathrm{oM} / \mathrm{N}=15 \mathrm{HCP} \text { no/yes C stop) } \\
& 2 \mathrm{~N}=\mathrm{F} 1 \text {, no oM stop (3lower }=6-4,3 \mathrm{M} / 4 \mathrm{M}=6 \mathrm{crd} \min / \mathrm{max}, 3 \mathrm{oM} / 3 \mathrm{~N}=\text { no } / \text { yes oM stop) } \\
& 3 \mathrm{~m}=\text { to play } \\
& \text { raise }=9-10 \text {, } \mathrm{HH} \text { or } \mathrm{xxx} \\
& 2 \mathrm{~S} / 1 \mathrm{H}=\max (2 \mathrm{~N} / 3 \mathrm{~m} / 3 \mathrm{H} / 3 \mathrm{~N}=\text { to play, } 3 \mathrm{~S}=9-103 \mathrm{~S}) \\
& 2 \mathrm{~N} / 3 \mathrm{M}=\text { max, solid } 6 \text {-crd suit, stoppers/no stoppers } \\
& 3 \mathrm{~m}=\operatorname{sing} \mathrm{M} \text {, to play } \\
& 3 \mathrm{M}=\text { pref, to play } \\
& 3 \mathrm{oM}=\mathrm{F} 1 \text { with oM stopped } \\
& 3 \mathrm{~N}=\text { to play } \\
& 3 \mathrm{~m}=4-5.5 \text { losers, } 5-5 \\
& 3 \mathrm{D} / 3 \mathrm{C}=\text { to play } \\
& 3 \mathrm{M}=\text { pref, to play } \\
& 3 \mathrm{MM}=\mathrm{GF} \text {, shows stop, denies } 4^{\text {th }} \text { suit stop } \\
& 3 \mathrm{~N} / 4 \mathrm{M}=\text { to play } \\
& 4 \mathrm{~m}=\text { invit in } \mathrm{m} \\
& \text { 4om = great } \mathrm{m} \text { fit, cue } \\
& 3 \mathrm{~S} / 1 \mathrm{H}=4-5 \text { losers, } 6-5 \text { ( } 4 \mathrm{M} \text { to play, cue }=\text { good fit for one suit) } \\
& 2 \text { lower }=11+\mathrm{HCP}, 4+\text { cards ( } 2 \mathrm{H} \text { promises } 5+\text { crds } \text { ) } \\
& 2 \mathrm{M}=\mathrm{min}, 5-6 \mathrm{crds} \\
& 2 \mathrm{~S}=\text { nat, stopper, or advance cue, F1 } \\
& 2 \mathrm{~N} / 3 \text { own suit = invit } \\
& 3 \text { higher }=\text { GF, nat, or stopper, or advance cue } \\
& 4 \mathrm{~m}=\text { Blue Team Style cue for } \mathrm{M} \text { (if same } 2 \mathrm{~m}-4 \mathrm{~m} \text {, denies } 1 / 2 \mathrm{rd} \text { in om; if } 2 \mathrm{D} . . .4 \mathrm{C} \text {, shows }
\end{aligned}
$$

$1^{\text {st }} \mathrm{rd} \mathrm{D}$ and $2^{\text {nd }} \mathrm{rd} \mathrm{C}$; if $2 \mathrm{C} \ldots 4 \mathrm{D}$, shows all other combinations)
$2-$ lower $=5-4+$, any strength
2 M pref $=3+$ cards, mild invite with conc. in 2 suits
$4^{\text {th }}$ suit $=$ GF, nat ask stopper or advance cue for one of opener's suits
$2 \mathrm{~N} / 3 \mathrm{~N}=$ invite/ to play
$3 \mathrm{MM}=6-5 \mathrm{GF}$
raise $=$ highly invit.
$3 \mathrm{M}=$ mild slam try (less than jump to 4 m though), good trumps
$4 \mathrm{~m}=$ slam try, good trumps (if raise, then in that suit; if not, then for M [if both M's bid, H agreed, with 4 m denying any om ctrl, and 4om showing $1^{\text {st }} \mathrm{rd} \mathrm{m}$-ctrl and $2^{\text {nd }} \mathrm{rd}$ om-ctrl])
$2 \mathrm{~N}=\max , 5332$
3own suit $=$ GF, but min
3 new suit = slammish, nat, or advance cue for own or opener's suit
$3 \mathrm{M}=$ choice between M and NT
$3 \mathrm{~N} / 4 \mathrm{M}=$ to play
$4 \mathrm{~m}=$ cue for M , good trumps, serious slam try, rules as before
$2 \mathrm{~S} / 1 \mathrm{H}=\max , 5-4$
$2 \mathrm{~N} / 3 \mathrm{~m}=\mathrm{GF}$, but min
3om = GF, nat or advance cue or stopper-ask
$3 \mathrm{M}=\mathrm{NF}$, highly invitational
$3 \mathrm{~N} / 4 \mathrm{M}=$ to play
$4 C / D=$ slamtry $H / S$
raise $=4$-crd supp., 11-15
3 M pref = highly invit
3-new suit = cue or stopper-ask
4-new minor = cue, slamtry
$3 \mathrm{~N} / 4 \mathrm{M}=$ to play
3 non-jump $=$ strong 5-4, or medium $+5-5$
3-own $=\mathrm{NF}, \mathrm{min}$
$3-\mathrm{oM}=6-5$ or stopper-ask or advance cue for either opener's suits
$3 \mathrm{M}=$ limited, but GF
$3 \mathrm{~N} / 4 \mathrm{M}=$ to play
4 m raise $=$ sets suit, slam interest
4D/3C = slamtry opener's M
3 jump new suit $=5-5+$, 4-5.5 losers
$3 \mathrm{oM}=\mathrm{GF}, 6-5$ or stopper-ask or advance cue
$3 \mathrm{M}=\mathrm{xxx}$ supp.
$3 \mathrm{~N}=$ to play
$4 \mathrm{C}=$ cue, $\operatorname{Hxx}(+)$ supp. for one of opener's suits, slamtry
$4 D / 3 D=$ good hand and fit, but no cue in $4^{\text {th }}$ suit
$3 \mathrm{~N} / 3 \mathrm{M}=4-5.5$ losers, solid 6 crd suit, stoppers/ no stoppers
$3 \mathrm{~S}=$ stopper-ask or advance cue
$4 \mathrm{~m}=$ nat, good suit, GF
4om = cue for M
$4 \mathrm{M}=$ to play
$3 \mathrm{~S} / 1 \mathrm{H}=6-5,4-5$ losers $(3 \mathrm{~N} / 4 \mathrm{M}=$ to play, else $=$ cue $)$
$4 \mathrm{~m}=$ cue, slamtry partner's suit (if 4D, sign-off denies C cue and cue shows C cue; cues above game promise extra stuff)
raise $=6-10,3+$ support
$2 \mathrm{~N}=$ asks for shortage or doubleton (bid it with non-min, rebid M with $\min , 3 \mathrm{~N}=4333 \mathrm{max}$ )
suit $=$ trial-suit gametry (if raise oM, shows 4-cards for c.o.g.)
re-raise = power gametry
$2 \mathrm{~S} / 1 \mathrm{H}=12+\mathrm{HCP}$, good suit, only min if responder would have a rebid problem
$2 \mathrm{~N} / 3 \mathrm{~N}=\min /$ max, 5332 usu.
$3 \mathrm{~m}=$ nat

```
            1-step = relay (min 5-4 / max 5-4 / min 5-5)
            3S = min, no stopper 4 4}\mathrm{ thuit (now sign-off or cue for S)
            3N = min, with stopper
            4 om = cue for opener or own solid S suit
            raise H = slammish (if 3H, opener must cue)
            4m = slamtry raise
    3H=6crds
    3S = Hx or Hxx, forcing and constructive (always raise with raise)
    4m}=5-5 max
    4H = solid 6+ crds
3JS = 12+ HCP, good 5+ crds, one-suited,or with support for partner
    3 own suit = 6crds, or 5crds max (may have 4-crds in lower suit)
    3 new suit = 5-4, or min 5-5 (relay asks 5-4 min, 5-4 max, 5-5 min)
    3N}=\mathrm{ min, 5M, may have 4 lower suit
    4 lower = 5-5+
    JS = 5-5+ max
    raise = slam interest
    4M = solid 6-crd suit
            (General Rebids by Responder over any of these)
            3N = 12-14, stoppers
            new suit = 3-level is stopper-ask or showing (3 rd suit), 4-level is cue for any suit
            4 own suit = self-sufficient suit, slammish, denies side ctrls
            4 opener's suit = slammish, but denies side ctrls
2N = 16+ bal (may contain 3-crd supp.)
double raise = limit
3N = 13-15 bal, 3-4 crd support, two top honors (or A/K-xxxx)
DJS = splinter (except 1S-4H), two top honors (or A/K-xxxx) (forces cues below game since unlimited)
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## 1NT Opening (13-15 HCP, not both 4-card majors, unfav is 14(+)-15 HCP)

## Responses:

$2 \mathrm{C}=$ Stayman (may be weak with majors or short clubs)
$2 \mathrm{D}=\mathrm{xfer}, 5+\mathrm{H}$, or $4 \mathrm{H}-5 \mathrm{~m}$ invite
$2 \mathrm{H}=\mathrm{xfer}, 5+\mathrm{S}$, or $4 \mathrm{~S}-5$ other invite
$2 \mathrm{~S}=$ either: $5-5$ minors 11-12 HCP, or slammish 5-5 touching suits
$2 \mathrm{~N}=$ either: sign-off in a minor, or 5-5 minors invite, or slammish 5-5 non-touching suits
$3 \mathrm{~m}=7-9,6+$ crds, good suit
$3 \mathrm{M}=6+$ crds, invit.
$3 \mathrm{~N}=$ to play
$4 \mathrm{~m}=$ South African xfer to corresponding M (forces M )
$4 \mathrm{M}=$ to play
$4 \mathrm{~N}=18 \mathrm{HCP}$, any 4333 (bid up-the-line, or jump to slam, or pass)

## 1N-2C continuations

$2 \mathrm{D}=$ no major
$2 \mathrm{H}=$ both majors, weak
2S/3D = GF, 5+ cards (BAB: xx/xxx, Hx, Hxx[Hxxx in D], HH, HHx[HHxx in D])
$2 \mathrm{~N}=$ inivite, may not have major
$3 \mathrm{C}=$ slam relay, $16+(3 \mathrm{D}=4 \mathrm{~m} 333[3 \mathrm{H}$ asks $\mathrm{D} / \mathrm{C}], 3 \mathrm{M}=3 \mathrm{M}-2 \mathrm{oM}-4-4,3 \mathrm{~N}=5 \mathrm{~m}$
[4D asks C/D])
$3 \mathrm{~N}=$ to play
$2 \mathrm{H}=\mathrm{H}, \operatorname{not} \mathrm{S}$
$2 \mathrm{~S} / 3 \mathrm{D}=\mathrm{GF}, 5+$ cards, BAB as above
$2 \mathrm{~N} / 3 \mathrm{H}=$ invite, may not have S
$3 \mathrm{C}=$ slam relay, $16+(3 \mathrm{D}=4 \mathrm{D}[3 \mathrm{H}$ asks $\mathrm{S} / \mathrm{C}$ frag], $3 \mathrm{H}=4 \mathrm{C}[3 \mathrm{~S}$ asks $\mathrm{D} / \mathrm{C}$ frag], $3 \mathrm{~S} / \mathrm{N}=\min / \max 3433$ )
$3 \mathrm{~N}=$ to play
$4 \mathrm{C}=\mathrm{CAB}(1-2,3,4 \ldots)$ and $4 \mathrm{~N}=\mathrm{RKC}$
$2 \mathrm{~S}=\mathrm{S}, \operatorname{not} \mathrm{H}$
$2 \mathrm{~N} / 3 \mathrm{~S}=$ invite
$3 \mathrm{D} / 3 \mathrm{H}=\mathrm{GF}, 5+$ cards, BAB as above
$3 \mathrm{C}=16+$ slam relay $(3 \mathrm{D}=4 \mathrm{D}[3 \mathrm{H}$ asks $\mathrm{C} / \mathrm{H}$ frag $], 3 \mathrm{H}=4 \mathrm{C}[3 \mathrm{~S}$ asks $\mathrm{D} / \mathrm{H}$ frag $]$,
$3 \mathrm{~S} / \mathrm{N}=4333 \mathrm{~min} / \mathrm{max}$ )
$3 \mathrm{~N}=$ to play
$4 \mathrm{C}=\mathrm{CAB}$ and $4 \mathrm{~N}=\mathrm{RKC}$

## 1N-2D continuations

Pass $=$ to play
$2 \mathrm{~S}=4 \mathrm{H}-5 \mathrm{~S}$ invite $(\mathrm{Pass} / 3 \mathrm{H}=\min$ pref, $3 \mathrm{~S}=\max$ fit, $4 \mathrm{M}=$ to play, 2 N asks $[3 \mathrm{~m}=\mathrm{frag}, 3 \mathrm{H}=5422])$
$3 \mathrm{~m}=4 \mathrm{H}-5 \mathrm{~m}$ invite $(3 \mathrm{H} / 3 \mathrm{~N} / 4 \mathrm{H}=$ to play, $3 \mathrm{D} / 3 \mathrm{C}=$ gametry $\mathrm{H}, 3 \mathrm{~S}=\max$ no om stop, raise $=\max \mathrm{m}$ fit $)$
$2 \mathrm{~N}=5 \mathrm{H}$ no sing, invite $(3 \mathrm{H}=$ pref, $3 \mathrm{~N}=$ to play, $3 \mathrm{~m}=$ game-try H$)$
$3 \mathrm{~N}=$ c.o.g.
$3 \mathrm{H}=5 \mathrm{H}-4+\mathrm{m}$ unbal invite
$3 \mathrm{~S}=5 \mathrm{H}-5 \mathrm{~S}$ invite

## $1 \mathrm{~N}-2 \mathrm{H}$ continuations

Pass = to play
$2 \mathrm{~N}=5 \mathrm{~S}$ invite ( 3 new suit $=$ game try $\mathrm{S}, 3 \mathrm{~S}=$ pref)
3lower $=4 \mathrm{~S}-5$ suit invite ( $3 \mathrm{D} / \mathrm{H}=$ gametry $\mathrm{S}, 3 \mathrm{~S}=$ pref, $3 \mathrm{~N} / 4 \mathrm{M}=$ to play)
$3 \mathrm{~S}=5 \mathrm{~S}-4+\mathrm{m}$ invite
$3 \mathrm{~N}=$ c.o.g.
$4 \mathrm{H}=5 \mathrm{H}-5 \mathrm{~S}$ no slam

## 1N-2S continuations

$2 \mathrm{NT}=$ forced
3suit $=$ 5-5 lower of touching $(S=S+C)$, slammish
relay $($ even $3 N)=$ asks top honors in 2 suits $(2,3, \ldots)$
game $=$ sign-off if $<4$ honors shown
4N = BLKWD
relay $=$ asks side voids/aces (void, no void or ace, one ace, both aces) if side void shown, relay asks:
$1 / 2=$ lo/hi void, no side Ace
$3 / 4=1 \mathrm{o} / \mathrm{hi}$ side Ace, and void in other
$5 / 6=10 /$ hi side Ace, void in other, a $K$ in bid suit
$7=$ side Ace and void, and an A in bid suit
$8=$ side Ace and Void, and an A-K in a bid suit if no void, but at least one ace, relay asks side kings $(0,1,2)$
3 N (if not relay) $=\min$ misfit
new suit (if not relay) = cue with a good fit somewhere
game $=$ to play, $\min$
$4 \mathrm{~N}=$ BLKWD
$3 \mathrm{~N}=5-5$ minors 11-12 HCP $(4 \mathrm{~m} / 5 \mathrm{~m}=$ to play $)$

## $1 \mathrm{~N}-2 \mathrm{~N}$ continuations

$3 \mathrm{C}=$ forced
Pass $/ 3 D=6+C / D$, weak
$3 \mathrm{H}=\mathrm{C}+\mathrm{H}$, slammish (continuations as $1 \mathrm{~N}-2 \mathrm{~S}-2 \mathrm{~N}-3$ suit above)
$3 \mathrm{~S}=\mathrm{D}+\mathrm{S}$, slammish (ditto)
$3 \mathrm{~N}=5-5$ minors, $9-10 \mathrm{HCP}(4 \mathrm{~m} / 5 \mathrm{~m}=$ to play $)$

## 2C Opening (11-15 HCP, 5+ clubs [if 5, then side 4-crd major])

## Responses:

$2 \mathrm{D}=$ strong asking relay, F1
$2 \mathrm{M}=6-11,5+\mathrm{crds}$, invit but NF
$2 \mathrm{~N}=10-11$ bal, no M , invit
$3 \mathrm{C} / 4 \mathrm{C}=$ pree, less than invite
3 new suit $=$ GF, $5+$ crd solid suit $(3 \mathrm{~N}=$ weak misfit, raise $=$ weak fit, $4 \mathrm{C}=$ misfit no stop, suit $=$ cue or 6-5)

## 2C-2D continuations

$2 \mathrm{M}=6-4$ with $5+$ losers, or any 5-4
new suit $=$ stopper $\left(\mathrm{NT}=4^{\text {th }}\right.$ suit stopped[if pulled then suit was $5+$ crds], cheap $\mathrm{C}=$ min no stop, cue $=$ max no stop)
$3 \mathrm{C}=$ to play, quite minimal, was looking for major fit
$2 \mathrm{~N} / 3 \mathrm{M}=$ invit
$4 \mathrm{M}=$ to play
JS new suit = cue, slamtry H
$4 \mathrm{C}=$ artif: asks to cue side ctrl, or 4 N with both side ctrls (promises supp. for some suit)
$2 \mathrm{~N}=6+\mathrm{C}$ or $5 \mathrm{C}-4 \mathrm{D}, 2$ suits stopped
$3 \mathrm{C}=$ quite minimal, to play (with solid $\mathrm{C} \& \max , 3 \mathrm{H}=$ red stops, $3 \mathrm{~S}=\mathrm{D}+\mathrm{S}$ stops, $3 \mathrm{~N}=\mathrm{M}$ stops)
$3 \mathrm{D}=$ artif: asks stops ( $3 \mathrm{H}=$ reds, $3 \mathrm{~S}=\mathrm{S}+\mathrm{D}, 3 \mathrm{~N}=\mathrm{M}$ 's)
$3 \mathrm{M}=\mathrm{GF}, 5+$ cards (game, or cue with good supp)
$3 \mathrm{C}=6+\mathrm{crds}$, or $5 \mathrm{C}-4 \mathrm{D}, 2$ suits stopped
$3 \mathrm{D}=$ asks stopper ( $\mathrm{N}=\mathrm{D}$ )
$3 \mathrm{M}=\mathrm{GF}, 5+$ cards (game, or cue with good supp)
3 suit $=4.5-5$ losers, 5-4 or 6-4 (or 5-5 minors) (new suit $=$ cue for a suit, 4 C asks to cue a D ctrl)
$3 \mathrm{~N} / 4 \mathrm{C} / 4 \mathrm{D}=6 \mathrm{C}$ and $5 \mathrm{D} / \mathrm{H} / \mathrm{S}$, with at least 2 aces
new suit = cue
4 opener's major = no cheap cue, but promises values
$5 \mathrm{C}=$ minimal, to play
$4 \mathrm{~N}=$ D.I. (except over 3 N , then is BLKWD)
$4 \mathrm{M}=6-5$, but only one ace (new suit $=$ cue, $5 \mathrm{C}=$ to play, $4 \mathrm{~N}=$ D.I.)

## 2D opening (11-15 HCP, 4414 or 4405 or [34]15)

## Responses:

$2 \mathrm{H} / 2 \mathrm{~S} / 3 \mathrm{C}=$ to play $(2 \mathrm{~S}$ over $2 \mathrm{H}=4315,4 \mathrm{C}$ over $3 \mathrm{C}=\max 4405)$
$2 \mathrm{~N}=10+\mathrm{HCP}$, asking
$3 \mathrm{C}=3415(3 \mathrm{D}$ asks $\min / \max , 3 \mathrm{H}=$ to play $)$
$3 \mathrm{D}=4315$ ( 3 H to play, $3 \mathrm{~S} / 4 \mathrm{C}$ invite)
$3 \mathrm{H} / \mathrm{S}=4414 \mathrm{~min} / \mathrm{max}$
$3 \mathrm{~N} / 4 \mathrm{C}=4405 \mathrm{~min} / \mathrm{max}$ (may instead insert $3 \mathrm{~N}=\operatorname{sing} \mathrm{H}$ in D , and 4 m as 4405 s )
over max's,
$4 \mathrm{C}=$ asks top C honors ( $0 / 1 / 2 \ldots$ )
$4 \mathrm{D}=\mathrm{CAB}(0-2 / 3 / \ldots)$
$3 \mathrm{D}=$ slammish relay, does not need opener's exact dist $(3 \mathrm{H}=1-2$ ctrls, $3 \mathrm{~S}=3, \ldots)$
then, 4 D asks Q 's $(0,1 \ldots)$ but not sing D queen
$3 \mathrm{M}=5+$ crds, invite
$4 \mathrm{C}=$ invite
$4 \mathrm{M} / 5 \mathrm{C}=$ to play

## 2M Openings (weak twos)

Responses:
Pass/raises = to play
$3 \mathrm{~m}=$ to play
$2 \mathrm{~S}=5+$ crds, $\mathrm{F} 1(2 \mathrm{~N}=0-1 \mathrm{~S}, 3 \mathrm{~S}=$ any raise, $3 \mathrm{H}=\min$ no fit, $3 \mathrm{~m}=\max$ no fit, $3 \mathrm{~N}=$ solid H , $4 \mathrm{~m}=$ splinter with Hxx S, 4H = max with Hx S)
3 H over $2 \mathrm{~S}=5+$ crds, $\mathrm{F} 1(3 \mathrm{~S}=\min$ no fit, $4 \mathrm{H}=$ fit, $3 \mathrm{~N}=$ max no fit and m stops, $4 \mathrm{~m}=$ feature no fit $)$
$2 \mathrm{~N}=11+\mathrm{HCP}$, invit+ $(3 \mathrm{M}=\min , 3 \mathrm{~N}=$ solid suit, 3 suit $=$ feature $\max , 4 \mathrm{M}=\max$ not solid $)$
then cues and RKC
$4 \mathrm{~m}=$ slamtry for $M$, cheapest cue

## 2NT Opening (22[+]-24 balanced)

$3 \mathrm{C}=$ Staymanic or slam in own suit

$$
3 \mathrm{D}=4-4 \text { majors, or } 4 \mathrm{M} 333
$$

$3 \mathrm{H}=$ relay
$3 \mathrm{~S} / \mathrm{N}=4333 / 3433$
$4 \mathrm{~m}=$ slam cue (demands cue, then will support M or bid own suit)
$4 \mathrm{M}=$ to play if opener's suit, else is just cue
$4 \mathrm{~N}=$ BLKWD
$4 \mathrm{~m}=4 \mathrm{~S}-4 \mathrm{H}-3 \mathrm{~m}-2 \mathrm{om}$
$4 D$ over $4 C=$ cue for $M$
$4 \mathrm{M}=$ to play and $4 \mathrm{~N}=$ quant
$3 \mathrm{~S} / 4 \mathrm{C} / 4 \mathrm{D} / 4 \mathrm{H}=$ slam try, BAB's
$3 \mathrm{~N}=8-9 \mathrm{HCP}$ no fit, mild slam try
$3 \mathrm{H}=4 \mathrm{H}-4 \mathrm{~m}$
$3 \mathrm{~S}=$ relay
$3 \mathrm{~N}=2443,4 \mathrm{C}=2434,4 \mathrm{D}=3442,4 \mathrm{H}=3424$
$3 \mathrm{~N}=$ to play, was hoping for S fit
$4 \mathrm{C} / \mathrm{D} / \mathrm{S}=$ good 6-crd suit, BAB's
$4 \mathrm{H}=$ to play
4N = BLKWD
$3 \mathrm{~S}=4 \mathrm{~S}-4 \mathrm{~m}$
$3 \mathrm{~N} / 4 \mathrm{~S}=$ to play
$4 \mathrm{C}=$ relay
$4 \mathrm{D}=4243,4 \mathrm{H}=4234,4 \mathrm{~S}=4342,4 \mathrm{~N}=4324$
$4 \mathrm{D} / \mathrm{H} / 5 \mathrm{C}=$ slam try in bid suit, BAB's
$4 \mathrm{~N}=\mathrm{BLKWD}$
$3 \mathrm{~N}=$ no major
$4 \mathrm{C}=$ relay
$4 \mathrm{D}=4 \mathrm{~m} 333(4 \mathrm{H}=$ relay for $\mathrm{D} / \mathrm{C}, 4 \mathrm{~S}=$ cue for a minor $)$
$4 \mathrm{H} / \mathrm{S}=3 \mathrm{M}-2 \mathrm{oM}-4-4(4 \mathrm{~S}=$ cue for a minor, 4 N over $4 \mathrm{~S}=$ mild slamtry $)$
$4 \mathrm{~N}=5 \mathrm{~m} 332(5 \mathrm{C}=$ relay for D/C)
$4 \mathrm{D} / \mathrm{H} / \mathrm{S} / 5 \mathrm{C}=$ good suit slam interest, BAB's
$3 \mathrm{D}=$ xfer to H , no slam possible, then

$$
\begin{aligned}
& \text { Pass } / 4 \mathrm{H}=\text { to play } \\
& 3 \mathrm{~S}=5 \mathrm{H}-4 \mathrm{~S} \mathrm{GF} \\
& 3 \mathrm{~N}=\text { c.o.g. }
\end{aligned}
$$

$4 \mathrm{~m}=5-5$, or $5-4$ unbal ( 4 N to play)
$3 \mathrm{H}=$ xfer to S , no slam possible, then
Pass $/ 4 \mathrm{~S}=$ to play
$3 \mathrm{~N}=$ c.o.g.
$4 \mathrm{~m}=5-5$ or $5-4$ unbal ( 4 N to play)
$4 \mathrm{H}=5-4+$
$3 \mathrm{~S}=5-5$ touching suits, slamtry (forces 3 NT , then
suit $=$ lower of touching $(\mathrm{S}=\mathrm{S}+\mathrm{C})$
$4 \mathrm{C}=5-5 \mathrm{C}+\mathrm{H}$, slam interest
$4 \mathrm{D}=5-5 \mathrm{D}+\mathrm{S}$, slam interest
over all these $5-5$ hands, opener bids as over $1 \mathrm{~N}-2 \mathrm{~S}$ and $1 \mathrm{~N}-2 \mathrm{~N}$ continuations, but 1 level higher

## 3C Opening (6-7 semi-solid C's, 7 tricks, one outside stopper)

## Responses:

Pass/4C = to play
$3 \mathrm{D}=$ NT probe, or C slamtry
$3 \mathrm{M} / \mathrm{N}=\operatorname{stopper}(\mathrm{N}=\mathrm{D})$
$3 \mathrm{~N} / 4 \mathrm{C} / 5 \mathrm{C}=$ to play
$4 \mathrm{D}=$ artif slamtry (cue shortage or ace in stoppered suit, else bid 5C)
$4 \mathrm{H}=$ cue for C , no D cue
$3 \mathrm{H}=\mathrm{F} 1,5+\mathrm{H}$, sound opening bid
$3 \mathrm{~S} / \mathrm{N}=\mathrm{S} / \mathrm{D}$ stopper no fit
$4 \mathrm{C}=\mathrm{Ax}$ or Kx H , no side stopper
$4 \mathrm{D}=3 \mathrm{H}+$ side stopper
$4 \mathrm{H}=\mathrm{Hxx}$ support, no side stopper
over these, responder can sign-off, bid 4D as good 2-suiter, or 4S as cue
$3 \mathrm{~S}=\mathrm{F} 1,5+\mathrm{S}$, sound opening bid
$3 \mathrm{~N}=$ no fit, side stopper
$4 \mathrm{C}=\mathrm{Ax}$ or Kx S, no side stopper
$4 D / H=3$-crd support, stopper in bid suit
$4 \mathrm{~S}=\mathrm{Hxx}$ support, no side stopper
over these, responder can sign-off, bid 4red as 2-suiter if no fit, or cue if fit
$3 \mathrm{~N}=$ to play
$4 \mathrm{D} / \mathrm{H} / \mathrm{S}=15+\mathrm{HCP}, 5+$ solid or semi-solid suit, slam interest
Game = abs. min.
new suit $=$ cue and $4 \mathrm{~N}=$ BLKWD
4N = BLKWD

## 3D Opening (any solid 7+ suit, with no more than a side Queen)

Developed by Omar Sharif.
Responses:
$3 \mathrm{H}=\mathrm{p} / \mathrm{c}$, no game $(3 \mathrm{M}=\mathrm{M}, 3 \mathrm{~N} / 4 \mathrm{C}=\mathrm{xfer}$ to suit)
$3 \mathrm{~S}=$ artif near-GF
$3 \mathrm{~N}=7+$ minor
$4 \mathrm{C}=\mathrm{p} / \mathrm{c}$ with 7 , or bid shortage with 8
$4 \mathrm{D}=\mathrm{GF}$ relay for shortage ( $4 \mathrm{~N}=$ none, $5 \mathrm{~m}=\mathrm{om}$ )
over these, if shortage shown, relay asks sing (1) or void (2)
$4 \mathrm{C}=\mathrm{H}+$ singleton (relay asks to cue void, else bid 4 M with sing [rel asks which])
$4 \mathrm{D}=\mathrm{S}+$ singleton (as over 4C above)
$4 \mathrm{M}=7 \mathrm{M}-222$
after shortage info, relay asks to cue a Q or $8^{\text {th }}$ trump(bid shortage) if possible

## Slam Bidding - Primer

## Asking Bids

1. 4 N and 5 N . Almost always Blackwood (except when defined as quant, a response to an asking bid, or as a D.I. cue (see later). In response, $5 \mathrm{C}=0 / 3,5 \mathrm{D}=1 / 4,5 \mathrm{H}=2,5 \mathrm{~S}=2 \mathrm{~A}+\operatorname{trump} \mathrm{K}$. Over this, a new 5level suit is a transfer to 5 NT . Special Case: If $4 N T$ is used after a 2 C or 3 C opening bid by responder, the responses are: $5 C=0-1,5 D=2$ no sing, $5 H / S=2$ with sing in suit, $5 N=2$ with sing $D, 6 C=3$.
2. 5 H or 5 S . When they follow a previous bid in the same suit, they ask to bid 6 with 2 top trumps.
3. Jump to 5 NT . GSF. Responses depend on trump suit: Spades $(6 \mathrm{C}=\mathrm{J}$ or less $\mathrm{S}, 6 \mathrm{D}=\mathrm{Q}$ high $\mathrm{S}, 6 \mathrm{H}=\mathrm{A}$ or K S and no extra length, $6 \mathrm{~S}=\mathrm{A}$ or K and extra length, $7 \mathrm{~S}=2$ of top 3 ), Hearts ( $6 \mathrm{C}=\mathrm{Q}$ or less $\mathrm{H}, 6 \mathrm{D}=\mathrm{A}$ or $K$ and no extra length, $6 \mathrm{H}=\mathrm{A}$ or K and extra length, $7 \mathrm{H}=2$ of top 3 ), Diamonds ( $6 \mathrm{C}=\mathrm{Q}$ or less, $6 \mathrm{D}=$ A or $K, 7 D=2$ of top 3 , or Clubs $(6 C / 7 C=0-1 / 2$ top honors.

If the jump asks about an already-defined semisolid or better suit, with Spades ( $6 \mathrm{C}=6$-crd suit AQJ or $\mathrm{KQJ}, 6 \mathrm{D}=6$-crd suit $\mathrm{AKJ}, 6 \mathrm{H}=7$-crd suit $\mathrm{AKJ}, 7 \mathrm{~S}=$ solid suit $)$, Hearts ( $6 \mathrm{C}=6$-crd suit AQJ or KQJ, $6 \mathrm{D}=6$-crd suit $\mathrm{AKJ}, 6 \mathrm{H}=\mathrm{AKJ} 7^{\text {th }}$ or $\mathrm{AK} 8^{\text {th }}, 7 \mathrm{H}=$ solid suit $)$, Diamonds ( $6 \mathrm{C}=\mathrm{AQJ}$ or AKJ or KQJ $6^{\text {th }}, 6 \mathrm{D}=$ AKJ $7^{\text {th }}$ or AK $8^{\text {th }}, 7 \mathrm{D}=$ solid suit $)$, or Clubs $(6 \mathrm{C}=$ nonsolid, $7 \mathrm{C}=$ solid $)$.
4. 6 in suit immediately underneath trump suit. When it isn't possible to jump to 5 NT , this substitutes for GSF. For clubs, this is impossible, though 6 S in this case asks to bid 6 N without solid clubs, and 7 C with solid clubs.

## Cue Bids

1. The first cue bid always shows a maximum for previous bidding, unless it is made below game in response to a strong bid by partner. E.g. 1H-2C-2D-3H(slam invite)-4D is a cue of ambiguous strength. But 1H-3H-3S guarantees a max since partner's bid was NF.
2. If partner has made a cue bid and you are able to cue-bid in return below game, you MUST do so, regardless of strength. The only exception to this rule is when partner has already limited his hand, and you KNOW slam is impossible. E.g. 1H-2C-2H-4C(cue, slamtry, if opener has a D cue [A/K/x/--] he MUST show it, even with min). But 1S-2C-2H-4C (cue slamtry for H)-4S( opener's cue shows extra values since he is going beyond game).
3. Skipping a suit which is possible to cue-bid denies any control in that suit. It follows that if partner continues to probe for slam, he promises a control in the suit you skipped.
4. If you skip a suit, then cue-bid it, you promise the Queen.
5. 4 NT as a general cue-bid: When 4 NT is neither BLKWD nor a response to an asking bid, it serves as an all-purpose cue-bid. Here are the cases in which it is used:
a) To show control in a suit cue-bid by partner, but usually not a very strong hand (e.g. 1H-2C $-2 \mathrm{H}-4 \mathrm{D}-4 \mathrm{H}-4 \mathrm{~S}$ (cue)-4N(shows S ctrl, but less than max, since opener didn't cue bid 4 S over 4D.
b) Sometimes it is used to deny control in a particular suit, but at the same time encourage slam if partner can control that suit. E.g. 1H-2C-2H-4D-4H-4N denies $S$ control but asks partner to bid slam with S control. $1 \mathrm{H}-2 \mathrm{~S}-3 \mathrm{C}-3 \mathrm{H}-4 \mathrm{H}-4 \mathrm{~N}$ (here responder obviously has a S control; opener now rebids $5 \mathrm{H}=$ no S control, 5C with S and C control, 5D with S and D control, 5 S with $1^{\text {st }}$ rnd S control and no other control, 6 H with $2^{\text {nd }} \mathrm{rd} \mathrm{S}$ control and no other.
c) When $S$ are trumps, it serves as a general cue bid, to find out about partner's hand (1S-2C-2S-$-4 D-4 S-4 N$ wants to see if opener can cue-bid 5C). It's also a general cue bid when a suit in which a control has been implicitly promised is skipped over $(1 \mathrm{H}-2 \mathrm{~S}-3 \mathrm{C}-3 \mathrm{H}-4 \mathrm{H}-4 \mathrm{~N}$
responder has a S control and is making a general cue-bid).
6. 5 NT , when it is neither a response to an asking bid nor a continuation of BLKWD is always a grandslam try. It is the same sort of bid as 4NT discussed previously.
7. Avoid, at all costs, cue bids of singletons and voids at the game level in a suit bid by partner (e.g. 1S-2D-3C-3H-4D-4S shows a $\mathrm{Hx}(\mathrm{x})$, not a short suit control since partner bid the suit).
8. If the opponents double one of partner's cue bids: Pass shows $2^{\text {nd }}$ round control, XX shows first-round control, and bids show no control.
