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General assumptions

Offensive bidding

- $1 \clubsuit = 2 + (Strefa)$ or Acol with \clubsuit
- 1 > 1 = 12-17 BAL or 18-19 BAL (with 5 > 1 = 12-17 BAL) or 4441
- Gazilli after 1♦/1♥ openings
- Swedish 2♥ openings (8)9-12
- 2♦ Multi
- strong 2NT (20-21)
- Acol 2♣ (GF or 22-23 bal) w/o Acol ♣
- non-**GF** reverses
- ASK LSF schema (no shortness first)
- Non-Serious 3NT; we do not show strength after 2/1 (shape only)
- 5 + 1 = RKCB for (4NT = NAT)
- Blackwood answers w/o kings
- Specific King Query (agreed suit = no kings)
- Exclusion 03/14
- 3rd hand: $2NT = \clubsuit$, $2 \rightleftharpoons = 20-21$ BAL, $2 \rightleftharpoons = 2$ -suited

Competitive bidding

• Transfers after opponents' preempt interference

- DONT after 1NT (\times)
- Rubensohl + Lebensohl after 1NT overcall

Defensive bidding

- Jassem 1nt defense
- transfers + CRASH defense to strong openings
- Michaels full range (not mini-maxi)
- Kokish 2♦ Multi (Wilkosz) defense

Defensive signaling

- Polish (upside-down) opening lead
- upside-down count and attitude (high-low odd/discouraging)
- Lavinthal (suit preference) discards

Offensive bidding

Minor suit openings

```
1♣ opening
1
             1♦
                       negative or 7-10 w/o 4♥ or ♣ or GF ♦
                       \overline{\mathbf{INV}} to 3NT
             1NT
             2♣
                       GF BAL
             2♦
                       Multi
             2♥
                       Flannery
             2♠
                       \rightarrow NT
             2NT
                       \rightarrow \Phi, preempt or strong splinter
             3♣
                       mixed raise
             3♦
                       INV NAT
1♣
      2♣<sup>A</sup>
?
                       ?
             2
             2
                       5♣ 4₩
             2\mathrm{NT}
                       BAL (may have 4\%)
             3♣
             3NT
                       15-17 \text{ BAL}
1♦ opening
```

1

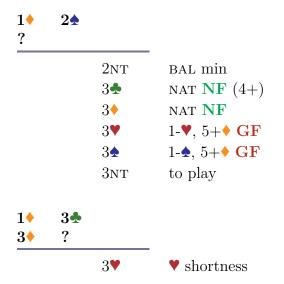
?

2

4+♦, **INV**⁺

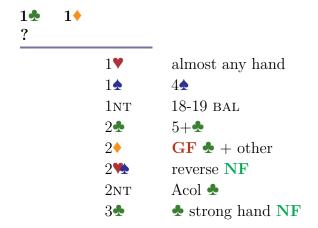
```
2♥
                         5♠ 4♥ 5-11
              2 \spadesuit
                         11+ BAL, no 4♥
              2\mathrm{NT}
                         11\text{-}12~\mathrm{BAL}
              3♣
                         \rightarrow 3, preempt or strong splinter
              3♦
                         mixed raise
                         15-17 Bal
              3NT
1
       1
2
       ?
              2
                         NF
              3rd suit
                        stopper, GF
              2NT
                         \mathbf{GF}
              3♦
                         INV
1
       2
?
              2♥
                         ♥ stopper
              2 \spadesuit
                         ♦ stopper
                         both major stoppers
              2NT
              3♣
                         NAT
              3♦
                         sign off (threshold for invite)
```

Bidding higher suit denies lower stopper.



3♠ shortness
3NT • shortness

Negative 1♦



Forcing 1♠ rebid

Jump reverses

Two-way checkback

Flannery

Major suit openings

1₩ opening

1₩ - ?

- 2 = constructive raise
- $2 \spadesuit$ (over $1 \heartsuit$) = preempt
- 2NT = limit raise
- 3 = mixed raise
- $3
 ightharpoonup = \min \text{ splinter}$
- $3 \checkmark \text{ (over } 1 \spadesuit) = \text{NAT } \mathbf{INV}$
- 3% = preemptive
- 3NT/4x(3) = splinter
- $4 \checkmark / 4 \checkmark = \rightarrow 4 \checkmark$

Drury

OFF in competition

$$\frac{\mathbf{P}-\mathbf{1}\blacktriangledown}{\mathbf{?}}$$

- 2 = better hand, 3
- $2 \stackrel{\bullet}{\bullet} = \text{better hand, } 4 + \stackrel{\bullet}{\blacktriangledown}$
- 2 = weak raise

- 2NT/3 3 = color + fit (2NT =)
- $3 = \text{Two Tiered Splinters} = 4 + \forall$, unspecified singleton, (10)11DP
- 3NT/4 4 = void splinter (3NT = void)

P − 1♠

- $2 \clubsuit = \text{better hand}, 3 \spadesuit$
- $2 \blacklozenge = \text{TRSF to } \blacktriangledown$
- 2 = better hand, 4 + 4
- 2 = weak raise
- 3 / 3 / 3 = color + fit
- 3NT = Two Tiered Splinters = 4+4, unspecified singleton, (10)11DP
- 4 4 / 4 / 4 = void splinter

P − 1♥

2 - ?

- $2 \Rightarrow INV$
- 2 = no interest in the game
- 2 = ASK HSF, usually 18-20 BAL
- $2NT/3 \clubsuit/3 \spadesuit = 55$ (may be 54) Slam Try ($2NT = \spadesuit$)
- $3NT/3 \triangleq /4 \triangleq /4 \Rightarrow$ = splinter (3NT = 4 \Rightarrow)
- 4 = to play

P − 1♠

2 - ?

- $2 \Rightarrow INV$
- $2 = 4 + \text{INV}^+$
- 2 = no interest in the game
- 2NT = ASK HSF, usually 18-20 BAL
- $3 \clubsuit / 3 \spadesuit / 3 \blacktriangledown = 55$ (may be 54) Slam Try

- 3NT/4 4 = splinter (3NT = 4)
- $4 \spadesuit = \text{to play}$

P - 1

$$2 - 2$$

?

- $2 \checkmark$ over $1 \spadesuit = \text{Last Train (says nothing about } \checkmark)$
- 2 = SIGN-OFF
- 2NT = 11, BAL
- 3% = 4-card support
- any other bid = NAT, INV

2♥ opening

$$2 = 10 - 136 +$$

$$2^{\blacktriangledown A} - ?$$

- 2 = NAT 5+, F to 3
- 2NT = relay
- $3 \clubsuit = \clubsuit GF (3 \spadesuit = ask)$
- $3 \blacklozenge = \bigvee INV^+$
- 3 = preemptive
- $3 \spadesuit / 4 \clubsuit = \text{splinter}$
- 3NT = to play

2♥ - **2♠**

- 2NT = 4 shortness, better hand
- $3 \clubsuit = 2 \spadesuit$, \clubsuit feature
- $3 \blacklozenge = 2 \spadesuit$, feature
- $3 \checkmark = 4$ shortness, weak

- $3 \spadesuit = 3 \spadesuit$, weak
- 3NT = 34, no shortness
- $4 \implies$ = splinter, $3 + \implies$

$\mathbf{2}\blacktriangledown - \mathbf{2NT}$

?

- 3 = 4 + 4 = (3 = ask)
- $3 \stackrel{\bullet}{\bullet} = \implies$ feature $(3 \stackrel{\bullet}{\lor} = ask)$
- 3 =bad hand
- 3NT = very good ♥

$$2$$
V $- 2$ NT

$$3 - 3$$

?

- 3♥ = 4♠
- 3♠ = 4♣
- 3NT = 4

$$2$$
V $- 2NT$

?

- 3♠ = ♣ feature
- 3NT = feature

- $3 \checkmark = \text{weak}$
- $3 \spadesuit$ = better hand, no shortness
- $3NT/4 \implies$ = shortness ($3NT = \implies$ shortness)

2♠ opening

$$2 = 10 - 136 +$$

$$2^{A}$$
 - ?

- 2NT = relay
- $3 = 5 + \forall F1$
- $3 \stackrel{\bullet}{\bullet} = \stackrel{\bullet}{\bullet} \mathbf{GF} (3 \overset{\bullet}{\nabla} = ask)$
- $3 \checkmark = 4 \text{ INV}^+$
- $3 \spadesuit$ = preemptive
- $4 \clubsuit / 4 \blacktriangledown = \text{splinter}$
- 3NT = to play

2 - 2NT

?

- 3 = 4 + 4 (3) = ask
- $3 \stackrel{\bullet}{\bullet} = \implies$ feature $(3 \stackrel{\bullet}{\lor} = ask)$
- $3 \checkmark = \checkmark$ feature
- $3 \spadesuit = \text{weak hand}$
- 3NT = very good ♠

2 - 2NT

$$3 - 3$$

?

- 3 = 4
- $3 \spadesuit = 4 \clubsuit$
- 3NT = 4

$$2 - 2NT$$

?

• 3♠ = ♣ feature

- 3NT = feature
- **2**♠ − **3**♠

?

- 3**♦** = 2**♥**
- $3 \checkmark = 3 \checkmark$ weak
- 3 = shortness, weak
- 3NT =shortness, better hand
- $4 \implies$ = splinter, $3+ \implies$
- **2**♠ − **3**♦
- 3♥ ?
 - 3♠ = ♣
 - 3NT =
- 2 3

- $3 \spadesuit = \text{weak hand}$
- 3NT = good hand, no shortness
- cue = shortness

2 over 1 GF

After 2/1 bid, up to 3 level, we only bid our shape (not strength). Then, unserious bids are used to balance.

```
\frac{\mathbf{x} - 2\mathbf{y}}{?}
```

- 2NT = 5332 or 5422, denies 4-card support
- 3y = 4-card support or 3-card support with shortness

$\frac{x-2y}{2NT-?}$

• 3 = checkback

$$x - 2y$$
 $2NT - 3$?

- $3 \blacklozenge = 3y$
- other = denies 3y

!

Rebid 2NT

Accepting transfer agrees suit.

1♣ - 1♥

2NT - 3

- 3**♦** = 3**♥**
- $3 \checkmark = 4 \spadesuit$, denies $3 \checkmark$
- 3**♦** = 5**♣**
- 3NT = 4

1♦ - **1**♥

2NT - 3

- 3**♦** = 3**♥**
- $3 \checkmark = 4 \spadesuit$, denies $3 \checkmark$
- 3**♠** = 6**♦**
- 3NT = 3 + 4

1♣ - 1♠

2NT - 3

- $3 \blacklozenge = 4 \blacktriangledown$, may have $3 \spadesuit$
- $3 \checkmark = 3 \spadesuit$, denies $4 \checkmark$
- 3♠ = 5♣
- 3NT = 4

1♦ - 1♠

2NT – 3♣

- $3 \blacklozenge = 4 \blacktriangledown$, may have $3 \spadesuit$
- $3 \checkmark = 3 \spadesuit$, denies $4 \checkmark$
- 3**♠** = 6**♦**
- 3NT = 3+**♣**

American rebid (with 3-card support)

```
2♥ rebid with 3-card does not deny 4♠.

Do not rebid 2♠ with 3(244).

With 43(42) rebid 1♠, not 2♥.

1♠ - 1♥
2♥ - ?

• 2♠ = GF

• 2NT = INV ♠

• 3♠/3♥ = INV

1♠ - 1♥
2♥ - 2♠
?

• 2NT = 4♥ (3♠ = ask)

• 3♠ = 3♥ + shortness (3♦ = ask, does not agree ♥)

• 3♥ = 2326

• 3♥ = 2335

• 3♠ = 3325
```

• 3NT = 2344

$$2NT - 3$$

?

- $3 \Rightarrow = BAL$
- 3♥ = 2425
- 3**★** = 1435
- 3NT = 3415

- 2NT = GF
- $3\mathbf{x} = \mathbf{INV}$

$$2 - 2NT$$

?

- $3 \clubsuit = 4 \spadesuit (3 \spadesuit = ask)$
- $3 \stackrel{\bullet}{\bullet} = 3 \stackrel{\bullet}{\blacktriangle} + \text{ shortness } (3 \stackrel{\blacktriangledown}{\blacktriangledown} = \text{ask, does not agree } \stackrel{\bullet}{\blacktriangle})$
- 3♥ = 3325
- 3**♠** = 3226
- 3NT = 3235

$$2 - 2NT$$

- $3 \checkmark = BAL$
- $3 \spadesuit = 4225$
- 3NT = 4135
- 4 = 4315

```
1♦ - 1♥
```

2♥ - ?

- $2 \spadesuit = \mathbf{GF}$
- $2NT = INV \spadesuit$
- $3 \clubsuit / 3 \blacktriangledown = INV$

$$1 \blacklozenge - 1 \blacktriangledown$$

2♥ - **2♠**

?

- 2NT = 4 (3 = ask)
- $3 \clubsuit = 3 \blacktriangledown + \text{shortness} (3 \diamondsuit = \text{ask, does not agree} \blacktriangledown)$
- 3**♦** = 2362
- 3**♥** = 2353
- 3♠ = 3332
- 3NT = 2352

$1 \color{red} \blacklozenge -1 \color{red} \blacktriangledown$

2 - 2

2NT - 3

?

- 3 > 2452
- 3 = 1453/1444
- $3 \spadesuit = 3451/4441$

1 ♦ - 1 •

2 - ?

- $2NT = \mathbf{GF}$
- $3\mathbf{x} = \mathbf{INV}$

```
1♦ - 1♠
2 - 2NT
     • 3 \clubsuit = 4 \spadesuit (3 \spadesuit = ask)
    • 3 = 3 + \text{shortness} (3 = \text{ask, does not agree } )
     • 3♥ = 3262
     • 3 = 3253
     • 3NT = 3352
1 \blacklozenge - 1 \spadesuit
2 - 2NT
3 - 3 
     • 3 \checkmark = BAL
     • 3 = 4252
     • 3NT = 4153
    • 4 = 4351
1♥ - 1♠
2 - ?
    • 2NT = GF
     • 3\mathbf{x} = \mathbf{INV}
1♥ - 1♠
2 - 2NT
     • 3 - 4 = 4  (3 + 2 = 4  ask)
     • 3 \stackrel{\bullet}{\bullet} = 3 \stackrel{\bullet}{\bullet} + \text{ shortness } (3 \stackrel{\bullet}{\lor} = \text{ask, does not agree } \stackrel{\bullet}{\bullet})
     • 3 = 3622
```

• 3**♠** = 3523

• 3NT = 3532

$$2 - 2NT$$

•
$$3 \checkmark = BAL$$

•
$$3 \spadesuit = 4522$$

•
$$3NT = 4513$$

•
$$4 = 4531$$

Ask shape 2nt schema (reverses, 2/1, 2nt rebid)

3-color auction

```
\frac{\mathbf{x} - \mathbf{y}}{\mathbf{z} - ?}
```

- 4th suit = ask for stopper, **GF**
- 2NT = ask shape, GF

$$egin{array}{l} \mathbf{x} - \mathbf{y} \\ \mathbf{z} - 2\mathbf{NT} \\ \mathbf{z} \end{array}$$

- 3 = 3y
- $3 = 5x \ 4z \ 2y \ 2$
- 3 = 5x 5z 2y 1
- 3 = 5x 5z 1-y 2+
- 3NT = 5x 4z 1-y 3+

Reverses

$$\frac{\mathbf{x} - \mathbf{y}}{\mathbf{z} - ?}$$

- $\mathbf{y} = \text{slow down}$
- 2NT = ask shape

 $egin{array}{l} \mathbf{x} - \mathbf{y} \\ \mathbf{z} - 2\mathbf{NT} \\ \mathbf{z} \end{array}$

- 3♣ = 3**y**
- 3 = 5x 4z 2y 2
- $3 = 6x \ 4z \ 2y \ 1$
- $3 = 6x \ 4z \ 1-y$

1_{NT} opening

```
1NT - ?
     • 2 = \text{Stayman}
     • 2 \checkmark / 2 \checkmark = \rightarrow \checkmark
     • 2 \spadesuit = \rightarrow \spadesuit
     • 2NT = 6+ weak/GF or \clubsuit weak (54)
                                                                                                                     !
     • 3♣ = Puppet Stayman (like after 2NT opening)
     • 3 \blacklozenge = 6 + \blacklozenge \mathbf{INV}
     • 3 \rightleftharpoons = 4441 (\rightleftharpoons \text{shortness}) GF
1NT - 2
     • 2 \stackrel{\bullet}{\bullet} = \text{no } 4 \stackrel{\bullet}{\blacktriangleright}
     • 2 = 4 
     • 2 \spadesuit = 4 \spadesuit
     • 2NT = both 4\%, min
     • 3 = both 4 , max
1NT - 2
2♦ − ?
     • 2♥ = \ weak
     • 2 \spadesuit = 5 \spadesuit, INV
     • 2NT = INV
```

- 3 =ask shape
- $3 \Rightarrow = \text{ask } 3 \%$
- $3 \checkmark = 4$ shortness
- $3 \spadesuit =$ shortness

$$1NT - 2 \clubsuit$$

$$2 \diamondsuit - 3 \clubsuit$$

?

- 3**♦** = 5**♣**
- 3♥ = 2♠
- 3♠ = 2♥
- 3NT = 33(34)

$$1NT - 2$$

 $2 \blacklozenge - 3 \blacklozenge$

3₩ - ?

- 3NT/4 = to play
- other = cuebid

$$1NT - 2$$

2♥ - ?

- $2 \triangleq \text{relay } (2NT = \min, 3 \triangleq \max)$
- 2NT = 5, INV
- 3 =ask shape
- $3 \stackrel{\bullet}{\bullet} = \Longrightarrow$ shortness
- $3 \checkmark = INV$
- 3 4/4 = splinter

1NT - 2

2♥ - **2♠**

2NT - ?

• Pass = INV bal

- 3 = 6 4 4 INV
- $3 \blacklozenge = 6 \blacklozenge 4 \spadesuit INV$
- $3 \lor = 4 \lor \text{slam try}$, no splinter
- 3NT = choice of games

$$1NT - 2$$

$$2$$
 $- 2$

3♣ - ?

- $3 \stackrel{\bullet}{\bullet} = 6 \stackrel{\bullet}{\bullet} 4 \stackrel{\bullet}{\bullet} (3 \stackrel{\bullet}{\lor} = ask)$
- $3 \lor = 4 \lor \text{slam try}$, no splinter
- 3NT = to play

$$1NT - 2$$

- 2NT = INV
- 3 =ask shape
- $3 \stackrel{\bullet}{\bullet} = \Longrightarrow$ shortness
- $3 \lor = 4 \spadesuit$ slam try, no splinter
- $3 \spadesuit = INV$

$$1NT - 2$$

$$2$$
 -3

?

- 3**♦** = 43**♣**
- 3♥ = 4♣
- $3 \spadesuit = 4 \spadesuit$
- 3NT = 4333 (4%)

$$1NT - 2$$

$$2NT - ?$$

• Pass = INV bal

- $3\clubsuit = 6+•$, \clubsuit shortness, no $4\clubsuit$, **GF**
- 3 > 4 + ?
- 3♥ = 4+**♠**

1NT - 2

3♣ - ?

- 3 > 4 + ?
- 3♥ = 4+**♠**
- $3 \spadesuit = 6 + \spadesuit$, \clubsuit shortness, no $4 \heartsuit$, **GF**

$$1$$
NT -2 \checkmark / 2 \checkmark

?

- $2 \rightleftharpoons acc$
- 2NT = 4 + max
- $3\% = 4 + \% \min$

1NT - 2

2♥ - ?

- $2 \spadesuit = INV$
- 2NT = 4 + 4 GF
- $3 = 4 + \mathbf{GF}$
- $3 \bullet = 6 + \bigvee \mathbf{GF}$
- 3♥ = 5♥ 4♠, INV
- $3 4/4 \implies$ = splinter

1NT - 2

2♥ - **2♠**

- 2NT/3 = min
- $3\clubsuit = \max$, no $3\blacktriangledown$
- $3 \blacklozenge = \max, 3 \blacktriangledown$

• 3NT = choice of games

$\begin{array}{c} \mathbf{1NT} - \mathbf{2} \blacklozenge \\ \mathbf{2} \blacktriangledown - \mathbf{2NT} \end{array}$

- ?
- $3\clubsuit = 3\blacktriangledown + 4\clubsuit$
- 3**♦** = 3**♥**
- 3♥ = 4♣
- 3NT = to play

1NT - 2

2 - ?

- 2NT = 4 + 4 GF
- $3 \clubsuit = 4 + GF$
- 3 > 55, INV
- 3♥ = 6+**♠ GF**
- $3 \spadesuit = 6 + \spadesuit \text{ INV}$

1NT - 2

- ?
- 2NT = min
- $3 = \max$

1NT - 2NT

- ?
- $3 \implies$ = better minor

1NT-2NT

- $3 \blacklozenge = \text{to play}$
- $3 \rightleftharpoons$ = splinter (agreeing \blacklozenge)

2_{NT} opening

```
2NT^{A} opening = 21-22 BAL, may have 5
2NT - ?
    • 3♣ = Puppet Stayman
    • 3 \stackrel{\bullet}{\bullet} = \rightarrow \stackrel{\blacktriangledown}{\bullet} + \text{superaccepts}
    • 3 = \rightarrow + \text{superaccepts}
    • 3 \spadesuit = \text{forces } 3 \text{NT}
    • 3NT = 5 4 , NF
    • 4 = 55 
    • 4 \blacklozenge, 4 \blacktriangledown = \text{Texas}
    • 4NT = quantitative
2NT - 3 
    • 3♥ = 2♥
    • 3NT = 3 + \forall, propositional
    • cue = 3 + 
2NT − 3♦
3♥ - ?
```

!

• $3 \spadesuit = \rightarrow 3$ NT (\rightarrow Minor Puppet)

• 3NT = 4NAT

• cue = agreeing

- 3♠ = 2♠
- 3NT = 3+4, propositional
- cue = 3+

$$2NT - 3$$

3NT - ?

- 4♣ = 6+♣
- 4**♦** = 6+**♦**
- 4♥ = 54♣ 1-♥
- 4♠ = 54♣ 1-♠

Minor Puppet Stayman

3♦ − ?

• $4 \implies$ = Minor Puppet Stayman

3♥ − ?

- 4♣ = Minor Puppet Stayman
- $4 \rightarrow = \text{Minor Puppet}$, ask 3s

2NT − 3♣

(3 - 3)

3NT - ?

- 4♣ = Minor Puppet Stayman
- 4
 ightharpoonup = Minor Puppet, ask 3s

All of the above apply also after 1NT - 3 sequence.

```
2NT - 3
```

3♥ - 3♠

3NT - ?

- 4♣ = Minor Puppet Stayman
- $4 \blacklozenge = \text{Minor Puppet}$, ask 3s

2NT - 3

3♠ − ?

- 4♣ = Minor Puppet Stayman
- $4 \rightleftharpoons = \text{Minor Puppet}$, ask 3s

?

- $4 \rightleftharpoons = 4 \clubsuit$, no $5 \clubsuit$
- 4♥ = 5+♣
- 4**♠** = 5+**♦**
- $4NT = no 4 \clubsuit$
- 5 = 5 , 4
- 5 > = 5 > 4

4 - ?

- 4♥ = 4♣
- 4♠ = 4♦
- 4NT = SIGN-OFF

... − **4**♦

- 4♥ = 3+♣, 3+◆
- 4 = 3 + 4, $2 (4NT = SIGN-OFF, other bids agreeing <math>\clubsuit$)
- $4NT = 2\Phi$, $3+\bullet$ (all bids agreeing \bullet)

... - 4 4

- $4 \spadesuit = \text{agreeing } \clubsuit$
- 4NT = SIGN-OFF
- 5 = agreeing

After showing \clubsuit (5-card, 4-card or 3-card) 4NT is a SIGN-OFF, other bids agree shown suit.

2♣ opening (Dutch Acol)

- 2♣ = weak with ♦ or GF with ♣/♥/♠ or 22+, BAL.

 → 2♦ = relay / other bids like after 2♦ preempt opening

 2♣ ?

 2♠/3♣ = NAT 5+, F1

 2NT = ask NT feature

 2♣ 2♦
 ?
 - 2 = Kokish relay
 - $2 = \text{NAT} (2\text{NT} = \text{relay} \rightarrow \text{transfers})$
 - 2NT = 22-23 BAL NF

Preempt openings

2♦ opening (Multi)

```
2 > (4)6-9, 6+
```

2♦ − ?

- $2 \rightleftharpoons$ PASS/correct
- $2NT = ask, INV^+$
- 3 = GF own suit
- $3 \blacklozenge = INV$ both fits
- 3 = preempt, both fits

TODO

3-level openings

3♣ - ?

- $3 \bullet / \nabla / \triangle = \text{NAT } 5+, \mathbf{GF}$
- $4 \rightleftharpoons =$ ask keycards
- 4% = to play

3♦ - ?

- 3% = NAT 5+, GF
- $4 \implies =$ ask keycards

• 4% = to play

3₩ - ?

• 4 =ask keycards

ask key cards answers: 0/1-Q/1+Q/2-Q/2+Q

3NT - ?

3NT = constructive ♥♠ preempt

- 3 =ask (answer with transfer)
- $3 \stackrel{\bullet}{\bullet} = ask$

Competitive bidding

1-level opening – opponents' overcalls

Opponents' overcalls over 1♣ opening

$1 - (\times) - ?$

- $\times \times = 10+$
- $1 \diamondsuit / 1 \blacktriangledown / 1 \spadesuit = \text{TRSF to } \blacktriangledown / \spadesuit / \text{NT } 4 +$
- 1NT = 7-11
- 2 2 / 2 / 2 / 2 = TRSF to / / 2 / 2 = 6 +, weak/GF
- 2NT = 4 weak/**GF**
- $3 \clubsuit / 3 \spadesuit = INV$

1♣ - (**1**♦) - ?

- $\times = 7+, 4+$
- 1♥ = 7+, 4+♠
- $1 \spadesuit = \rightarrow 1$ NT
- 1NT = INV
- 2 = 54 6-11
- $2 /2 \checkmark /2 = \text{TRSF to } \checkmark / / 6+, \text{weak} / GF$
- 2NT = INV with \clubsuit and \blacklozenge stopper (F to $3\clubsuit$)
- 3 = INV
- $3 \blacklozenge =$ ask stopper, long \clubsuit

1♣ - (1♥) - ?

- $\times = 7+, 4+$
- $1 \spadesuit = \rightarrow 1$ NT
- 1NT = INV
- 2 / 2 / 2 = TRSF to / 4 / 6 +, weak/GF
- $2 \stackrel{\bullet}{\bullet} = INV^+$, ask stopper $(2NT/3 \stackrel{\bullet}{\bullet} = NF)$
- 2NT = INV with Φ or \bullet (3Φ = reject)
- $3 \clubsuit / 3 \spadesuit / 3 \spadesuit = INV$

1♣ - (**1**♠) - ?

- × = 4-5♥
- 1NT = 7-10, \bigstar stopper
- 2 2 / 2 = TRSF to 4 / 7 6+, weak/GF
- $2 \nabla = INV^+$, ask stopper (2NT/3 NF)
- 2NT = INV
- $3 \clubsuit / 3 \blacklozenge / 3 \blacktriangledown = INV$

1 - (1NT) - ?

- \times = penalty 9+
- 2 = 54 (44)
- $2 \checkmark / 2 \checkmark / 2 \checkmark = \mathbf{NF}$
- 2NT = 55
- $3\mathbf{x} = \mathbf{INV} \; \mathbf{BAL}$

$$1 - (2) - ?$$

$2 \blacklozenge = \blacklozenge$

- \times = takeout
- $2 \checkmark / 2 \spadesuit = \text{NAT } \mathbf{NF}$
- $2NT/3 \diamondsuit / 3 \blacktriangledown = TRSF \text{ to } \diamondsuit / \blacktriangledown / \diamondsuit \text{ INV}^+$

- 3 = 54 % GF
- $3 \spadesuit =$ ask for \spadesuit stopper

1♣ - (2♥) - ?

- \times = takeout
- 2 = NAT NF
- $2NT/3 \clubsuit/3 \heartsuit = TRSF \text{ to } \pounds/ \diamondsuit/ \spadesuit INV^+$
- 3 =ask stopper
- 3**★** = **♣**

1 - (2 - ?)

- \times = takeout
- $2NT/3 3 = TRSF \text{ to } -7 \text{ INV}^+$
- 3 =ask stopper
- 3**★** = **♣**

1♣ - (**3**♣) - ?

- \times = takeout, **GF**
- $3 / 3 \checkmark = \text{TRSF to } \checkmark / •, INV^+$
- $3 \spadesuit = \text{TRSF to } \blacklozenge, \text{ GF}$

1 - (3) - ?

- \times = takeout, **GF**
- $3 \checkmark = \text{TRSF to } \spadesuit, \text{INV}^+$
- $3 \spadesuit = \text{TRSF to } \bigvee, \text{GF}$

1♣ - (3♥) - ?

- $\times = \Phi$, INV⁺
- 3 = 4, no \forall stopper, **GF**

1♣ - (3♠) - ?

• $\times = 4$, **GF**, no stopper

Opponents' overcalls over 1♦ opening

$1 \diamond - (\times) - ?$

- $\times \times = 10+$
- $1 \checkmark / 1 = 7 + \text{HCP}, 4 +$
- 1NT = 7-11
- 2 = raise weak/**GF**
- $2 /2 \checkmark /2 \spadesuit = \text{TRSF to } \checkmark / \spadesuit / \spadesuit 6 +, \text{ weak/GF}$
- $2NT = 4 + •, INV^+$
- 3 = INV
- $3 \Rightarrow = \text{preempt}$

1♦ - (1♥) - ?

- × = 4+♠
- $1 \spadesuit = \rightarrow 1$ NT
- 1NT = INV
- 2 2 / 2 / 2 = TRSF to / 4 / 4, weak/GF
- $2 \blacklozenge = \blacklozenge \mathbf{INV}$
- 3 3 = NAT, **INV**
- $3 \Rightarrow = \text{preempt}$

1 → - (1 ♠) - ?

- × = 4-5♥
- 1NT = 7-10
- 2 2 / 2 = TRSF to /, weak/**GF**
- $2 \checkmark = \checkmark INV$

- 2NT = INV
- $3 \clubsuit / 3 \blacktriangledown = \text{NAT}, INV$
- $3 \Rightarrow = \text{preempt}$

1 - (1NT) - ?

- \times = penalty 10+
- 2 = 54 (44)
- $2 \diamondsuit / 2 \blacktriangledown / 2 \spadesuit = \mathbf{NF}$
- 2NT = INV
- 3x = NAT, INV BAL
- $3 \Rightarrow = \text{preempt}$

$$1 - (2 - ?)$$

- \times = takeout
- $2 \stackrel{\bullet}{=} NAT$
- $2 \checkmark / 2 \triangleq \text{NAT}, \mathbf{F1}$
- 2NT = 54
- $3 \clubsuit = \bullet INV^+$
- $3 \Rightarrow = \text{preempt}$
- $3 \checkmark / 3 \triangleq \text{color+fit}$

1♦ - (2♥) - ?

- \times = takeout
- $2 \spadesuit = \text{NAT } \mathbf{NF}$
- $2NT/3 \clubsuit/3 \blacktriangledown = TRSF \text{ to } \pounds/ \diamondsuit/ \spadesuit INV^+$
- $3 \blacklozenge = \text{competitive}$

$$1 - (2) - ?$$

• \times = takeout

- $2NT/3 = TRSF \text{ to } / \bullet, INV^+$
- $3 \bullet = \text{competitive}$
- $3 \lor = NAT, GF$
- **1**♦ (**3**♣) ?
 - \times = takeout, **GF**
 - $3 \bullet = \text{competitive}$
 - 3 = 4, INV^+
 - 3♠ = ♥, **GF**
- 1 → (3 ♥) ?
 - × = ♠, **GF**
 - $3 \spadesuit = 4 \spadesuit$, no \forall stopper, **GF**
- 1 (3 ?)
 - × = ♥, **GF**

Opponents' overcalls over 1♥ opening

- **1**♥ (×) -?
 - $\times \times = 10 + \text{(may have } 3 \text{)}$
 - $1 \spadesuit = \text{NAT}, 4 + \spadesuit, \mathbf{F1}$
 - 1NT = TRSF to 2
 - $2 \clubsuit = \text{TRSF to } 2 \spadesuit$
 - $2 \blacklozenge = \text{TRSF to } 2 \blacktriangledown$, constructive 7-10
 - 2♥ = 3-6, 3♥
 - SYSTEM ON

1♥ - (1♠) - ?

- \times = takeout
- 1NT = ♣
- 2♣ = ♦
- $2 \stackrel{\bullet}{\bullet} = \text{fit, constructive/} \mathbf{GF}$
- 2 = weak raise (4-6)
- $2 \spadesuit = \forall INV (4 \forall or shortness)$
- SYSTEM ON

1♥ - (1NT) - ?

- $\times = 10+$, penalty
- $2 \sqrt{2} / 2$ = NAT, **NF**
- $2NT = \clubsuit$
- 3♣ = **♥ INV**
- 3 > = mixed raise
- $3 \checkmark$ = preempt
- $3 \spadesuit / 3$ NT $/4 \spadesuit = \spadesuit / \spadesuit / \spadesuit + fit$

1♥ -(2♠) -?

- \times = takeout
- $2 \Rightarrow \mathbf{F1}$
- 2♥ = 6-10
- $2 \spadesuit = \mathbf{F1}$
- $2NT = \bigvee GF$
- 3♣ = **♥ INV**
- 3 > = mixed raise
- $3 \checkmark$ = preempt
- $3 \spadesuit / 4 \spadesuit = \operatorname{color} + \operatorname{fit}$

1♥ - (2♦) - ?

- \times = takeout
- 2♥ = 6-10
- $2 \spadesuit = \mathbf{F1}$
- $2NT = 4 INV^+$
- $3 \clubsuit = \bigvee INV^+$
- 3 = mixed raise
- 3 = preempt
- 3 4/4 = color + fit

1♥ - (2♠) - ?

- \times = takeout
- $2NT = 4 INV^+$
- $3 \clubsuit = \bullet INV^+$
- $3 \blacklozenge = \bigvee INV^+$
- $3 \checkmark = \text{competitive}$
- $3 \spadesuit = \text{splinter}$
- 4 4 = color + fit

1♥ - (3♣) - ?

- \times = takeout
- $3 \bullet =$ **INV**⁺
- $3 \nabla = \nabla$ competitive
- 3♠ = ♠ **GF**
- $4 \implies$ slam try, no \implies shortness
- $4 \blacklozenge = \text{slam try}, \clubsuit \text{ shortness}$

1♥ -(3♦) - ?

- \times = takeout
- $3 \checkmark = \text{competitive}$
- 3♠ = ♠ **GF**
- $4 \implies$ = slam try, no shortness
- $4 \blacklozenge = \text{slam try}, \blacklozenge \text{shortness}$

- \times = takeout
- $4 \implies$ slam try, no \implies shortness
- $4 \rightarrow = \text{slam try}, \blacktriangle \text{shortness}$
- $4 \spadesuit = \text{slam try}, \spadesuit \text{ void}$

Opponents' overcalls over 1♠ opening

$$1 - (\times) - ?$$

- $\times \times = 10 + \text{(may have } 3 \spadesuit \text{)}$
- 1NT = TRSF to 2
- 2 = TRSF to 2
- $2 \blacklozenge = \text{TRSF to } 2 \blacktriangledown$
- 2 = TRSF to 2 , constructive 7-10
- 2♠ = 3-6, 3♠
- SYSTEM ON

$$1 - (1NT) - ?$$

- $\times = 10+$, penalty
- $2 \sqrt{2} / 2 \sqrt{2} = \text{NAT}, NF$
- 2NT = **♣**
- $3 \clubsuit = \spadesuit INV$

- $3 \Rightarrow$ = mixed raise
- $3 \checkmark / 3 \text{NT} / 4 \triangleq \checkmark / \diamondsuit / \triangleq + \text{ fit}$
- $3 \triangleq \text{preempt}$

1 - (2 - ?)

- \times = takeout
- $2 \bullet / 2 \blacktriangledown = \mathbf{F} \mathbf{1}$
- 2♠ = 6-10
- 2NT = 4 GF
- $3\clubsuit = \bigstar INV$
- $3 \rightleftharpoons = \text{mixed raise}$
- $3 \mathbf{V} = \mathbf{V} + \text{fit}$, \mathbf{INV}
- $3 \spadesuit = \text{preempt}$
- 4 /4 = color + fit

1 - (2) - ?

- \times = takeout
- 2 = F1
- 2♠ = 6-10
- $2NT = 4 INV^+$
- 3♣ = **♦ GF**
- $3 \blacklozenge = 4 \text{ INV}$
- 3 = mixed raise
- $3 \spadesuit = \text{preempt}$
- 4 4 = color + fit

1♠ -(2♥) - ?

- \times = takeout
- 2 = 6-10

- $2NT = 4 INV^+$
- $3 \clubsuit = \bullet INV^+$
- $3 \bullet = 4 \text{ INV}^+$
- 3 = mixed raise
- $3 \spadesuit = \text{preempt}$
- $4 \clubsuit / 4 \spadesuit = \text{color} + \text{fit}$

1♠ - (**3**♠) - ?

- \times = take out
- $3 \stackrel{\bullet}{\bullet} = \bigvee INV^+$
- $3 \checkmark = 4 \text{ INV}^+$
- $3 \spadesuit = \text{competitive}$
- $4 \implies$ slam try, no \implies shortness
- $4 \rightleftharpoons \text{ slam try, } \clubsuit \text{ shortness}$
- $4 \checkmark /4 = \text{to play}$

1♠ - (**3**♦) - ?

- \times = takeout
- 3♥ = ♥ **GF**
- $3 \spadesuit = \text{competitive}$
- $4 \implies$ = slam try, no \implies shortness
- $4 \blacklozenge = \text{slam try}, \blacklozenge \text{shortness}$
- $4 \checkmark / 4 = \text{to play}$

1♠ - (3♥) - ?

- \times = takeout
- $3 \spadesuit = \text{competitive}$
- $4 \implies$ = slam try, no shortness
- $4 \blacklozenge = \text{slam try}, \blacklozenge \text{shortness}$

- $4 \checkmark = \text{slam try}, \checkmark \text{void}$
- 4NT = minors

Opponents' overcalls over 1nt opening

1NT - (2 - ?)

 $2 \clubsuit = \clubsuit$

• \times = Stayman

SYSTEM ON

 $1NT - (2^{A}) - ?$

 $2 \clubsuit =$

- $\times = 8+$
- $2 \stackrel{\bullet}{\bullet}$, $2 \stackrel{\blacktriangledown}{\blacktriangledown} = \text{to play}$
- $2 \spadesuit = \clubsuit$, INV⁺
- $2NT/3 \clubsuit/3 \diamondsuit/3 \blacktriangledown = TRSF \text{ to } \pounds/\diamondsuit/\blacktriangledown/\spadesuit, 5+, INV^+$
- $3 \spadesuit = \mathbf{GF}$

1NT - (2) - ?

 $2 \blacklozenge = \blacklozenge$

- \times = negative
- $2 \checkmark$, $2 \spadesuit$ = to play
- 2NT = Lebensohl
- $3 = 5 + \forall$, INV^+
- $3 \stackrel{\bullet}{\bullet} = 1 \stackrel{\bullet}{\bullet}$, INV^+
- 3 = 5 + 4, INV^+
- 3 = 5 + 4, INV^+
- 3NT = no stopper
- $4 \bullet$, $4 \heartsuit = \text{Texas}$

 $1NT - (2 \stackrel{\wedge}{•}^{A}) - ?$

2 > 6 +

- $\times = 8+$
- $2 \checkmark$, $2 \spadesuit$ = to play
- 2NT = Lebensohl
- $3 = 5 + , INV^+$
- $3 = 5 + \forall$, INV^+
- 3 = 5 + 4, INV^+
- $3 \triangleq 5/5 \implies$
- 3NT = to play
- 4 •, $4 \checkmark = Texas$

 $1NT - (2 \checkmark) - ?$

- \times = negative
- $2 \triangleq \text{to play}$
- 2NT = Lebensohl
- 3 = 5 + •, INV^+
- $3 \stackrel{\bullet}{\bullet} = 5 + \stackrel{\bullet}{\bullet}$, INV^+
- $3 \lor = 1 \lor, INV^+$
- 3♠ = 55 ♣, **GF**
- 3NT = no stopper
- 4 = Texas

1NT - (2) - ?

- \times = negative
- 2NT = Lebensohl
- $3 = 5 + , INV^+$
- $3 = 5 + \forall$, INV^+

- $3 \lor = 55 ..., GF$
- $3 = 1 1 \cdot 100$
- 3NT = no stopper
- $4 \rightarrow = \text{Texas}$

 $1NT - (2NT^{A}) - ?$

 $2nt = \clubsuit$

- $\times = 10+$
- 3 = Stayman
- $3 \bullet = 5 + \heartsuit$, \mathbf{INV}^+
- 3 = 5 + 4, INV^+

1NT - (3.) - ?

- \times = negative
- $3 \stackrel{\bullet}{\bullet} = 5 + \stackrel{\blacktriangledown}{\blacktriangledown}, INV^+$
- 3 = 5 + 4, INV^+
- $3 \spadesuit = 5 + \blacklozenge$, INV^+
- 3NT = to play

1NT - (3) - ?

- \times = negative
- 3 = 5 + 4, INV^+
- $3 = 5 + \forall$, **GF**
- 3NT = to play

 $1NT - (\times^A) - ?$

 \times artificial

SYSTEM ON

$$1NT - (\times) - ?$$

 \times = penalty

- PASS = forces $\times \times$
- $\times \times = \text{forces } 2 \clubsuit$
- $2\mathbf{x} = \text{forces } \mathbf{x+1}$

$$1NT - (\times) - P^{A} - (P)$$
$$\times \times - (P) - ?$$

- PASS = penalty
- 2 = 4 + 4x or 4333 or any other edge case
- $2 \blacklozenge = 4 \blacklozenge + 4 \maltese$
- $2 \checkmark = 4 \checkmark + 4 \spadesuit$

Dealing with 2-suited overcalls

$$1 - (2 - ?)$$

- $2 \blacklozenge = \text{NAT } \mathbf{NF}$
- $2 \lor = 4 \text{ INV}^+$
- $2 \spadesuit =$ INV $^+$
- 2NT = 4 weak
- $3 \rightleftharpoons = \text{NAT } \mathbf{NF}$
- 3 = 55 GF
- $3 \spadesuit = 55 \clubsuit INV$

$$1 - (2NT^{A}) - ?$$

 $2NT = \clubsuit$

- 3 = 54 % GF
- $3 \bullet = \bigvee INV^+$

- $3 \lor = 4 \text{ INV}^+$
- $3 \spadesuit = \text{TRSF to NT}$
- 3NT = 55% slam try
- $4 \clubsuit = 55 \maltese$ (no slam try)
- $4 \diamondsuit / 4 \blacktriangledown = \text{Texas}$

$$1 - (2 A) - ?$$

- $2 \blacklozenge = \ \bigstar$
 - $2 = 1 \text{NV}^+$
 - $2 \spadesuit =$ INV $^+$
 - 2NT = 4 weak
 - $3 \rightleftharpoons = \text{NAT } \mathbf{NF}$
 - $3 \rightleftharpoons = splinter (F to 4 \spadesuit)$

$$1 - (2NT^A) - ?$$

- 2NT =
 - $3\clubsuit = \bullet INV^+$
 - $3 \rightleftharpoons$ = competitive
 - $3 \checkmark = 4 \text{ INV}^+$
 - $3 \spadesuit = \text{NAT } \mathbf{NF}$

$$1 - (2NT^A) - ?$$

- 2NT = 4 +
 - $3 / 3 / 3 = \text{TRSF to } / \text{V} / \text{INV}^+$
 - $3 \spadesuit = \mathbf{GF}$
- 1V -(2VA) ?
 - $2 \spadesuit = \bigvee INV^+$
 - $2NT = 4 INV^+$

- $3\clubsuit = \bullet INV^+$
- $3 \Rightarrow$ = mixed raise
- $3 \checkmark = \text{competitive}$
- $3 \spadesuit = \text{splinter}$
- $4 \implies$ = $\operatorname{color} + \operatorname{fit}$

$1 \checkmark - (2NT^{A}) - ?$

- 3♣ = **♥ INV**⁺
- $3 \blacklozenge = \bigstar \mathbf{INV}^+$
- $3 \lor = \text{NAT } \mathbf{NF}$
- $3 \spadesuit = \text{NAT } \mathbf{NF}$

1 - (2 - ?)

- $2NT = 4 INV^+$
- $3 \clubsuit = \bullet INV^+$
- $3 \bullet = 4 \text{ INV}^+$
- 3 = mixed raise
- $3 \spadesuit = \text{competitive}$
- $4 \implies = \text{color} + \text{fit}$
- 4 = splinter

$1 - (2NT^A) - ?$

- 3♣ = **♥ INV**⁺
- $3 \blacklozenge = \bigstar INV^+$
- $3 \checkmark = \text{NAT } \mathbf{NF}$
- $3 \spadesuit = \text{NAT } \mathbf{NF}$

Other opponents' overcalls

HSF interference

- \times = no shortness
- PASS = shortness in •
- other suit = shortness in this suit
- agreed suit = other shortness (if there is no place to bid it)

$$ASK - (\times) - ?$$

- $\times \times = \text{no shortness}$
- PASS = shortness in doubled suit
- other suit = shortness in this suit

RKCB interference

$$4NT - (\times/5) - ?$$

DOPI

$$4NT - (5) - ?$$

DEPO

Defensive bidding

1_{NT} defense (Jassem)

(1NT) - ?

- $\times = 5 + 4$
- \times in balancing position = $5 \clubsuit + 4 \clubsuit$ or $6 \clubsuit$
- 2♣ = 54 **%**
- 2 > 6 +
- 2 = 5 + 4
- $2 \spadesuit = 5 \spadesuit + 4 \clubsuit$

$$(1NT) - \times - (P) - ?$$

- 2 = PASS/correct
- 2
 ightharpoonup = show major
- 2 = own suit
- 2 = own suit

$$(1NT) - 2 - (P) - ?$$

- 2 = show better major
- $2 \checkmark$, $2 \spadesuit$ = preference

$$(1NT) - 2 - (P) - ?$$

- 2 = PASS/correct
- 2 = INV with \forall

2NT defense (CRASH)

```
(2NT) - ?
```

- × = ♥
- 3♣ = **♠**
- $3 \blacklozenge = \clubsuit$ or \heartsuit
- 3♥ = ♣ or **♦**

Similar schema after strong $1 \clubsuit (16+)$ opening.

Michaels \mathcal{E} Unusual 2_{NT}

TODO

Kokish 2♦ Multi (Wilkosz) defense

$$(2
ightharpoonup) - P - (P^A) - ?$$

4♦ = ♦+₩

 $(2^{\bullet}) - ?$

System like after $2 \blacklozenge$ preempt.

$$(2
ightharpoonup) - P - (2
ightharpoonup) - ?$$

• PASS = no suitable call OR takeout with ♠ shortness

•
$$\times = 14\text{-}16 \text{ BAL}$$

- $2 \spadesuit = 11\text{-}15$, $5 + \spadesuit$, may be solid $4 \spadesuit$ with $1 \heartsuit$
- 2NT = 17-19, BAL

$$(2 •) - P - (2 •) - ?$$

!

•
$$2NT = 17-19$$
, BAL

$$(2^{\bullet}) - P - (>2^{\bullet}) - ?$$

•
$$\times$$
 = takeout

$$(2 \stackrel{\blacklozenge}{\bullet}) - P - (2 \stackrel{\blacktriangledown}{\blacktriangledown}) - P$$

 $(P) - ?$

•
$$2NT = \clubsuit$$

$$(2^{\bullet}) - \times - (\times \times / \text{PASS}) - ?$$

•
$$2^{*} = 5 + *$$
, to play

•
$$3\Phi = \text{Stayman}$$

•
$$3 \blacklozenge = \text{TRSF to } \blacktriangledown$$
, $\mathbf{GF} + \text{superaccepts}$

•
$$3 = \text{TRSF to } , GF + \text{superaccepts}$$

•
$$3 \spadesuit = \text{TRSF to NT}$$
, no \heartsuit stoppers

•
$$4 \blacklozenge$$
, $4 \blacktriangledown = \text{Texas}$

$$(2 \stackrel{\blacklozenge}{\bullet}) - \times - (\times \times / \text{PASS}) - 2 \text{NT}$$

 $(P) - 3 \stackrel{\clubsuit}{\bullet} - (P) - ?$

•
$$PASS = to play$$

•
$$3 \stackrel{\bullet}{\bullet} = \mathbf{GF}$$
, no $4 \stackrel{\bullet}{\bullet}$

$$(2 \diamondsuit) - \times - (\heartsuit/\diamondsuit) - ?$$

•
$$\times = 9+$$
, F to 2NT, no 5\,\infty, no \,\infty shortness

- 3♣ = Stayman
- $3 \stackrel{\bullet}{\bullet} = \text{TRSF to } \checkmark, \text{ GF} + \text{superaccepts}$
- 3 = TRSF to , GF + superaccepts
- $3 \spadesuit$ = takeout with opps' suit shortness, **GF**

!!

• $4 \blacklozenge$, $4 \blacktriangledown = Texas$

$$(2 \stackrel{\blacklozenge}{\bullet}) - \times - (2 \stackrel{\blacktriangledown}{\blacktriangledown} / \stackrel{\blacktriangle}{•}) - 2NT$$

 $(P) - 3 \stackrel{\clubsuit}{•} - (P) - ?$

- $PASS/3 \Rightarrow to play$
- 3♥, 3♠ = **INV**

$$(2 \stackrel{\blacklozenge}{\bullet}) - \times - (2 \stackrel{\blacktriangledown}{\lor} / \stackrel{\blacktriangle}{•}) - \times (P) - ?$$

- PASS = to play
- 2 = 4, **F**1
- 2NT = NAT, minimum
- $3 \clubsuit = NAT$, minimum
- $3 \Rightarrow$ = NAT, minimum
- $3 \triangledown$ over $2 \spadesuit = \text{NAT}$, minimum
- cue $3 \checkmark$, $3 \spadesuit = \text{maximum}$, no stopper, no $4 \spadesuit$
- 3NT = maximum, stopper, no 4♠

$$(2
ightharpoonup) - \times - (2
ightharpoonup) - \times (2
ightharpoonup) - ?$$

- Pass = $\mathbf{F}\mathbf{1}$
- \times = penalty
- 2NT = do not want to defend, GF
- $3 \clubsuit = \text{NAT}, \mathbf{GF}$
- $3 \Rightarrow = \text{NAT}, \mathbf{GF}$
- $3 \checkmark = NAT, GF$

- 3♠ = maximum, no ♠ stopper
- 3NT = maximum, stopper

$$(2
ightharpoonup) - \times - (2
ightharpoonup) - \times (2
ightharpoonup) - P - (P) - ?$$

$$(24) - P - (P) - ?$$

• $3 \spadesuit = \spadesuit$ shortness, **GF**

$$(2 \stackrel{\bullet}{\bullet}) - \times - (2 \stackrel{\bullet}{\bullet}) - \times (3 \stackrel{\blacktriangledown}{\blacktriangledown}) - ?$$

$$(3)$$
 $-?$

- Pass = 14-16, no $4 \triangleq$ OR power double, **F1**
- $\times = 14-16, 4 \spadesuit$, defensive