

|  |  |  |  | Description | Responses | Subsequent Auction | Passed Hand Bidding |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1* | $\checkmark$ | 0 | 4 | 16(15)+HCP UNBAL | $1 *=0-7 \mathrm{HCP} ; 1 \mathrm{v}=8$-11HCP, UNBAL; $1 \wedge=8+\mathrm{HCP}, \mathrm{BAL}$ |  | 1 $\downarrow / 1 \mathrm{NT} / 2 \pm / 2 *=8-11,5+$ |
|  |  |  |  | or 17+HCP BAL | $1 \mathrm{NT} / 2 \boldsymbol{*} / 2 * / 2 v=12+\mathrm{HCP}, 5+\infty / * / v / \uparrow ; 2 \wedge=14-15 \mathrm{HCP}, \mathrm{BAL}$ | 2NT=21-22, 3NT=tricks, else=16-18HCP,NAT. |  |
|  |  |  |  |  | 2NT/3*/3*/3v=12+ HCP, 4441, singleton in $* / * / v / \star$; | $1 *-1 v: 1 \wedge=$ RELAY, then 1 NT $/ 2 * / 2 * / 2 v=5+* / * / \psi / \star, 2 \star / 2 N T / 3 * / 3 *=$ | $=4441$, singleton |
|  |  |  |  |  | $3 \mathrm{~A} / 3 \mathrm{NT}=$ solid $\mathrm{m} / \mathrm{M}, 7 \mathrm{cards} ; 4 \mathrm{~m} / \star=\mathrm{/} / \mathrm{\wedge}, 8$ cards $\mathrm{w} / \mathrm{A} / \mathrm{K}$; |  | $\cdots / \% / \% / \varphi$ |
|  |  |  |  |  | $4 \vee / \wedge=\downarrow / \wedge, 8$ cards $\mathrm{w} / \mathrm{o} \mathrm{A} / \mathrm{K}$ | $2 \star / 2 * / 2 \vee / 2 \wedge=5+\infty / \star / \downarrow / \wedge$, asking for support[3]; $1 *-2 \wedge$ : 2 NT=ASK[2] |  |
| 1. | $\checkmark$ | 1 | $4 \times$ | 10-15 HCP, maybe | $1 \vee / \wedge=4+$ / $/ \wedge$ F1; 1NT/2NT $=6-11 / 12-13 \mathrm{HCP}$; | $1 *-1 \mathrm{X}-1 \mathrm{Y}$ : two-way checkback[4], 1*-1NT:2*=MAX, 2NT=mm |  |
|  |  |  |  | 4414 or (43)15 | $2 *=5+\cdots$, INV+ or BAL, GF; $2 *=5+$, INV + | $1 *-2 *: 2 *=5+$ or BAL, $3+\infty, 2 \mathrm{NT}=$ BAL, $0-2 *$, $3 *=$ UNBAL, $3+*$, $3 *=4414$ |  |
|  |  |  |  |  | $2 \mathrm{~V}=$ weak MM, $2 \mathrm{~A}=1 \mathrm{INV} \mathrm{mm}$; | $1 *-2 *: 2 v=$ UNBAL, NAT or BAL, $3+\star$, $3 *=$ SPL, $3 *=$ UNBAL, $3+*$ |  |
|  |  |  |  |  | $3 * / 3 * / 3 \vee / 3 \wedge=$ PRE | $1 \diamond-2 N T: 3 \vee / 3 \wedge=0-1 \vee / \uparrow ; 1 \diamond-1 \mathrm{M}-2 \mathrm{M}: 2 \mathrm{M}+1=\mathrm{ASK}[5]$ |  |
| $1 \vee$ |  | 5 | 4. | 10-15HCP, $5+$ v. | $1 \wedge=4+\wedge$, F1; 1NT=F1; $2 *=3 \bullet$, INV/ $5+\infty$, INV+/BAL, GF |  | $2 *=$ Drury, then $2 *=$ MIN |
|  |  |  |  |  |  | $2 \mathrm{NT}=6+\mathrm{v} ; 1 \mathrm{v}-2 \boldsymbol{v}: 2 \boldsymbol{\wedge}=$ ask feature, $2 \mathrm{NT}=\wedge$ feature | normal opening |
|  |  |  |  |  | $3 * / 3 *=4+\varphi$, Limited/Mixed; $3 \mathrm{NT} / 4 * / 4 *=\uparrow / * / \star$ SPL | $1 \vee-2 N T: 3 *=$ UNBAL, MIN, then $3 *=$ ask S/S; $3 *=$ BAL, MAX, then $3 v=$ ask | 2M=light opening |
|  |  |  |  |  | $2 \wedge / 3 v / 3 \wedge=$ PRE; $4 \vee / 4 \wedge=$ To play (wide range) | shape, $3 \boldsymbol{v} / 3 \wedge / 3 \mathrm{NT}=\boldsymbol{*} / * / \mathrm{Om}$ S/S, MAX; $4 v=$ BAL, MIN |  |
| 1* |  | 5 | 4 | 10-15HCP, $5+\wedge$ |  | $1 \wedge-2 *: 2 *=$ Any MIN, $2 \boldsymbol{*}=4+\uparrow, 2 \wedge=4+\star, 2 \mathrm{NT}=6+\star$; | Same as above. |
|  |  |  |  |  | $2 \star / 2 \bullet=5+\star / \downarrow, 1 \mathrm{INV}+; 2 \boldsymbol{*}=6-10 \mathrm{HCP}, 3+\boldsymbol{*} ; 2 \mathrm{NT}=4+\boldsymbol{*}$, GF | $1 \wedge-2 \wedge: 2 N T=$ ask feature |  |
|  |  |  |  |  |  | $1 \wedge$-2NT: $3 \star=$ UNBAL, MIN, then $3 *=$ ask S/S; $3 *=$ BAL, MAX, then $3 \vee=$ ask |  |
|  |  |  |  |  | $3 \vee / 3 \wedge=$ PRE; $4 \vee / 4 \wedge=$ To play (wide range) | shape, $3 \uparrow / 3 \wedge / 3 \mathrm{NT}=* / * / \mathrm{Om}$ S/S, MAX; $4 \wedge=$ BAL, MIN |  |
| 1NT |  |  | $4 \vee$ | 14-16 HCP BAL, | $2 \bullet=$ STM; $2 \uparrow=$ Range ASK; $2 \bullet / 2 \vee / 2 \mathrm{NT} / 4 * / 4 \downarrow=$ Transfer; |  |  |
|  |  |  |  | May contain 5M or | $3 *=6+\star$, INV; $3 \star=$ Puppet STM; $3 \vee / \wedge=4144 / 1444$, GF | S/S; 1NT-2NT-3* $3 \star=6+\star$, INV, $3 \uparrow / \wedge=4441 / 4414$, GF |  |
|  |  |  |  | 6 m or singleton | $4 *=$ Gerber | $1 \mathrm{NT}-3 \star: 3 \vee / 3 \wedge=5 \vee / \AA, 3 \mathrm{NT}=$ no 5M; 1NT-4*: 14/03/2 touching A/2 leap A |  |
| 2* |  | 5 | 4 | 10-15 HCP, $6+\cdots$ or | $2 \star=$ Ask, usually $7+$; $2 \downarrow / 2 \wedge=5+$ / $\uparrow$, NF; 2NT=PUP to $3 \star$ |  |  |
|  |  |  |  | $\cdots$-v/a 5-4 | 3*=PUP to $3 * ; 3 * / 3 \vee / 3 \wedge=(5) 6+* / v / \wedge$, INV.; | 4* or 0-1 (3v ASK); $3 \downarrow / 3 \wedge=$ MAX, $6+\cdots, 0-1 \downarrow / \wedge ; 3 N T=$ MAX, solid $6+\infty$. |  |
|  |  |  |  |  | 4*=PRE; 4 $=$ RKCB; $4 \uparrow / 4 \wedge=$ to play; | $2 *-2 *-2 \vee / 2 \wedge-2 N T=A S K$, then $3 * / 3 *=5 *, \mathrm{MIN} / \mathrm{MAX}, 3 \downarrow / 3 \wedge=6+\star, \mathrm{MIN} / \mathrm{MAX}$ |  |
|  |  |  |  |  |  | $2 *-2 *-3 *=$ asking S/S, then $3 \boldsymbol{*}=$ BAL or $0-1 \downarrow, 3 \wedge / 3 \mathrm{NT}=0-1 \mathrm{~N} / \stackrel{\text { d }}{ }$ |  |
| 2 | $\checkmark$ | 0 |  | PRE,MM | 2NT=ASK; 3 =F1; others NF; | $2 \star-2 \mathrm{NT}: 3 *=(54) \mathrm{MIN}$, then $3 *$ ask for longer suit, $3 *=55, \mathrm{MIN}$ | 9-12 6-card at 4th seat; |
|  |  |  |  | 44+, NV-V 1st/3rd |  | $3 \bullet / 3 \wedge=54 / 45, \mathrm{MAX}, 3 \mathrm{NT}=55, \mathrm{MAX}, 4 \bullet / 4 *=46 / 64, \mathrm{MAX}$ |  |
|  |  |  |  | $55+$, V-NV |  | Exception: when NV-V 1st/3rd, 3 =44, 3NT=ANY 55 |  |
|  |  |  |  | (54)+, otherwise |  | When V-NV, $3 *=55, \mathrm{MAX}, 3 \mathrm{NT}=66, \mathrm{MAX}, 4 \cdot / 4 *=56 / 65, \mathrm{MAX}$ |  |
| $2 \vee$ |  | 5 |  | PRE, 3-10HCP | 2NT=ASK; 2n=NF; new suit=F1; 4n=Mini RKCB | $2 \vee-2 N T: 3 \% / *, 3 \vee / \wedge=$ Bad/Good Suit MIN, Bad/Good Suit MAX; | 9-12 6-card at 4th seat; |
|  |  |  |  | Maybe 5 NV vs V 1st/3rd | When NV-V 1st/3rd, new suit=NF | $3 \mathrm{NT}=$ SOL $\vee$; when NV-V 1st/3rd, 3*=ANY $5 \uparrow, 3 *=$ BAL, MAX, $3 \vee=$ MIN, |  |
|  |  |  |  |  |  | $3 \mathrm{n}=$ UNBAL, MAX; $2 \vee-4 *: 0 / 1 / 1+Q / 2 / 2+Q$ |  |
| $2 \wedge$ |  | 5 |  | PRE, 3-10HCP | Same as above. | Same as above, when NV-V 1st/3rd, $3 \vee=$ UNBAL,MAX, $3 \wedge=$ MIN | 9-12 6-card at 4th seat; |
|  |  |  |  | Maybe 5 NV vs V 1st/3rd |  |  |  |
| 2NT | $\checkmark$ |  |  | PRE, mm 55+ | $3 \boldsymbol{*}=$ ASK, 3^=PUP to 3NT | 2NT-3v: 0-1 $\uparrow / 0-1$ - /1156/1165/0-1 $\downarrow$, (65)+/0-1^, (65)+ |  |
|  |  |  |  |  |  |  |  |
| 3* |  | 6 |  | PRE, 3-10HCP | New Suit=F1; 4* = Mini RKCB | 3*-4*:0/1/1+Q/2/2+Q |  |
| $3 \mathrm{*} / \mathrm{/} / \mathrm{A}$ |  | 6 |  | PRE, 3-10HCP | New Suit=F1; 4* = Mini RKCB | 3X-4*:0/1/1+Q/2/2+Q |  |
| 3NT | $\checkmark$ |  |  | Gambling | $4 \div / 5 \div / 6 \div=P / C$ |  |  |
| 4 m |  | 7 |  | PRE |  | HIGH LEVEL BIDDING |  |
| 4M |  | 6 |  | To play, wide range |  | RKCB 1430 (4NT may be QUANT); Trump Queen Asking; Cues 1 ${ }^{\text {st }}$ and ${ }^{\text {nd }}$ | control;DOPI;DEPO; |
|  |  |  |  |  |  | Exclusive RKC(0/1/1+Q/2/2+Q). |  |

## Supplementary Notes

Yufan LIAO－Ziyu LI
［1］
1＊－1＊－1ヶ
$1 \wedge=0-4 \mathrm{HCP}, \mathrm{UNBAL}$ or BAL
$2 \boldsymbol{*}=22+H C P, G F$
$1 N T / 2 * / 2 \star / 2 v=5-7 H C P, 5+\omega / \star / \downarrow / \wedge$
$2 \star / 2 N T / 3 * / 3 *=5-7 H C P, 4441$ ，singleton $\uparrow / \star / \star / \downarrow$
$3 \vee / 3 \wedge=5-7 H C P, m m 55+$ ，singleton $\vee / \wedge$
［2］
1ヵ－1 $n-1 N T$
$2 \boldsymbol{*}=8-10$ ，no 4 M ，then $2 \boldsymbol{*}=A S K, 2 \vee / 2 \boldsymbol{\wedge}=2344 / 3244,2 N T=33(43)$
$2 \star / 2 \boldsymbol{v}=8-10,4 \boldsymbol{*} / 4 \boldsymbol{\wedge}$
$2 \wedge=8-10, \mathrm{MM} 44$
2NT＝11－13，（4333）
$3 \boldsymbol{2}=11-13,4 \div+4 \mathrm{X}$
$3 \bullet / 3 \vee / 3 \wedge=11-13,44 \bullet \vee / \vee \uparrow / \uparrow *$
$3 N T$ to $4 \boldsymbol{\wedge}=16+$ ，same as above

1～－2～－2NT
$3 ヵ: 4 \%+4 X$
$3 \diamond / 3 \vee / 3 \wedge=44 \diamond \vee / \vee \uparrow / \uparrow \downarrow$
3NT＝（4333）
［3］

＋1 step＝8－10，deny Qxx＋or 4 cards support
＋2 steps＝8－10，Qxx＋or 4 cards support
+3 steps $=11-13$ ，deny $Q x x+$ or 4 cards support
＋4 steps＝11－13，Qxx＋or 4 cards support
＋5 steps＝16＋，deny $Q x x+$ or 4 cards support
＋6 steps＝16＋，Qxx＋or 4 cards support

1ヵ－1か－2が－2
$2 \boldsymbol{2} / 2 \boldsymbol{\wedge}=3145 / 1345$
$2 N T=B A L$
$3 \star=4 \star$ or $0-1 \star$ ，then $3 \bullet$ ask， $3 \wedge=4 \star$ ， $3 N T=0-1 \star$
$3 \vee / 3 \wedge=$ long $\star, 0-1 \vee / \uparrow$

1ヵ－1か－2か－2レ
$2 \boldsymbol{n}=1345$
$3 \boldsymbol{*}=$ long $\approx$ or 3145 ，then $3 *$ relay， $3 \vee=3145,3 \boldsymbol{\wedge}=$ long $\approx$
$3 \star=4 \star$ or $0-1 \star$ ，then $3 \vee$ ask， $3 \wedge=4 \star, 3 N T=0-1 \star$
$3 \vee / 3 \wedge=$ long $\approx, 0-1 \vee / \uparrow$

## 1ヵ-1~-2*-2レ

$2 \boldsymbol{A}=1354$
$3 *=5 \diamond 4 \star$, then $3 \diamond=$ ask singleton
$3 \star=B A L$ or long $\star, 0-1 \star$, then $3 \vee$ ask, $3 \wedge=0-1 \star, 3 N T=B A L$
$3 \vee / 3 \wedge=l o n g \bullet, 0-1 \vee / \wedge$

## [4]

1-1X-1Y or 1v-1~-1NT
$2 *=$ PUP $2 \star$, S/O or INV
$2 *=G F$
$2 \boldsymbol{v} / 2 \boldsymbol{\wedge}=$ weak
2NT=PUP 3*, * S/O or 5m, GF.
$3 X=$ NAT, GF
[5]
1 - $-1 \mathrm{M}-2 \mathrm{M}-2 \mathrm{M}+1$ :
$+1 /+2$ step $(\mathrm{s})=3 \mathrm{M}$, NAT
$3 \mathrm{M}-1=4 \mathrm{M}$, better MIN
$3 \mathrm{M}=4 \mathrm{M}$, worse MIN
$3 N T=4 M, M A X$, tend to play NT
$4 \mathrm{M}=4 \mathrm{M}, \mathrm{MAX}$, tend to play M trump
Jump shift $=4 \mathrm{M}$, SPL

