

| $\begin{array}{\|c\|} \hline \text { OPEN } \\ 1 / 2=1 \mathrm{st} / 2 \mathrm{nd} \\ 3 / 4=3 \mathrm{rd} / 4 \mathrm{th} \\ \hline \end{array}$ | TICK IF ART． | $\begin{array}{\|c} \hline \text { MIN NO. } \\ \text { OF } \\ \text { CARDS } \\ \hline \end{array}$ | NEG．DBL． THRU | DESCRIPTION | RESPONSES | SUBSEQUENT AUCTION | COMPETITIVE \＆PASSED HAND BIDDING |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1－1／2 | $\checkmark$ | 0 | $\begin{gathered} 2 \\ \text { FG X }-1 \end{gathered}$ | ½：8－13 NF；8－10 any or 11－13： 3 suits，54／45ณワ， 55 any or $7+$ suit | 1＊FG ART；1M NF 4＋M；1N 0－3M；2m STAY； 2M 5＋M INV；2N 0－3M INV；3X INV | After FG ART ASKs；others NAT | COMP：TRF LEB |
| 123／4 |  |  | PEN | 3／4：5＋5＋¢ ${ }^{\text {P }} 15+\mathrm{F} 1$ | $1 \diamond$ ：ART NEG；1ヶ FG | After FG ART；UNU v UNU | COMP：UNU vs．UNU |
| 1－1／2 | $\checkmark$ | 0 | $\begin{aligned} & 2 \star-4 \diamond+5 m, \\ & 2 x N E G-1 \end{aligned}$ | 14－21＜5M，22＋any F1 | 1ヶ ART 5＋－10－F1；19 ART 0－5－；1N＋FG ART | After FG ART ASKs；after NT rebid $3 / 4$ NT sys on | COMP：TRF LEB： 2 level NAT NF；2NT： S／O in suit can＇t bid at 2 level or FG w／stopper； 3X TRF；3Q STAY； 2N，3Q STAY＋ stopper；TRF thru OPP＇s suit； 3 unbid major GF no stop；3N INV \＆ |
| 1＊ $3 / 4$ |  |  |  | 17＋＜5M F1 | $1 \vee$＂ $4+-<$ GF F1；1＾＂0－4－no ace；1N＋FG ART |  |  |
| 1－1／2 | 4 |  | $\begin{aligned} & 2 \diamond-4 \diamond+5 \mathrm{~m} \\ & 2 \mathrm{xNEG}-1 \stackrel{ }{\wedge} \\ & \hline \end{aligned}$ | 14－21 NF，5＋『 if 14－16 | 14：NEG（0＋big fit） $5+-10-\mathrm{F} 1$ ；1N＋FG ART | $\begin{aligned} & 1 ৫-1 ゅ: 1 \text { NT ASK F1, } \\ & 2 \Leftrightarrow / \diamond / \downarrow \text { ecount } 0-2 / 3 / 4 \end{aligned}$ |  |
| 1『3／4 |  |  | 17＋F1，5＋¢ if 17－18 | 14：＜FG F1；1N＋FG ART |  |  |
| 19 $1 / 2$ | 5 |  |  | $2 \diamond-4 \diamond+5 \mathrm{~m}$ | 14－21 NF | 1N：NEG（0＋big fit） $5+-10-\mathrm{F} 1$ ；20＋FG ART |  | $1-1 \mathrm{NT}: 2$ ART FG，$2 \uparrow / \uparrow / \square$ count $3 / 4+/ 0-2$ |
| 14 $3 / 4$ |  |  | 17＋F1＜5 |  | 1N：＜FG F1；2e＋FG ART |  |  |  |
| 1NT 1 1 2 |  | 2 | $2 \diamond-4 \diamond+5 \mathrm{~m}$ | 11－13 $<6 \mathrm{M}<7 \mathrm{~m}$ includes $54 / 45 \mathrm{MM}$ | 2＊GF ASK；2＊PUP 2 $\downarrow$ S／O any or INV MM； | Art．／2e；Smolen／2 |  |  |
|  |  |  |  |  | 2M 4＋M STAY INV；2N 0－3M INV；3X INV； | Art．／2M |  |  |
|  |  |  |  |  | 4e Gerber BW；4R＂Texas＂TRF；4N INV | RKCB／TRF |  |  |
| 1NT 3／4 |  | 1 | $2 \diamond-4 \diamond+5 \mathrm{~m}$ | 14－16＜6M $<7 \mathrm{~m}$ ，usually $2+$ cards，（but 4441 possible any singleton in EU／WBF play only） | 2＊STAY，2R TRF，2i／2N TRF，3X 0－1X， | Smolen／2家 |  |  |
|  |  |  |  |  | 4¢ Gerber BW；4R＂Texas＂TRF；4N INV | 4KCB／4R＂Texas＂TRF |  |  |
| 2＊ $1 / 2$ |  | 5 | PEN | 10＋－14－5－7 UNBAL， 6437411742 ok，no 5－5 | $2 \diamond$ FG ART，2M INV NF，2N LIM＋NF | After FG，ART ASKs | COMP：NAT；2X－2Y NF INV，2X－3m NF INV，2X－3M F1，jump shift FG，Cue F1 typically fit or stopper ask；vs．X：XX PEN， system on |  |
| 2e $3 / 4$ |  |  |  | any 5＋e 3rd：3－16，4th：16＋Pearson points | 3rd：NAT，4th：like ½ RESP |  |  |  |
| 2， $1 / 2$ |  | 5 | PEN | 10＋－14－5－7 UNBAL， 7 if 7411，no void／5－5 resp | $2 \vee$ FG，2¢ INV NF，2N $\downarrow$ INV NF， $3 *$ LIM + | After FG，ART ASKs |  |  |
| $23 / 4$ |  |  |  | any 5＋3rd：3－16，4th 16＋Pearson points | 3rd：NAT，4th：like ½ RESP |  |  |  |
| $2 \mathrm{M}^{1} / 2$ |  | 5 | PEN | 10＋－14－0－3 oM UNBAL，no 5M5＋m rebids， 6 M 5 m ok | 1 step FG， 2 steps INV no SUPP， 3 steps INV＋ 5oM F1， 4 steps LIM + ， 5 steps COMP | After FG，ART ASKs |  |  |
| $2 \mathrm{M}^{3 / 4}$ |  |  |  | any $5+\mathrm{M}, 3 \mathrm{rd}$ ：3－16，4th：16＋Pearson points | 3rd：NAT，4th：like $1 / 2$ RESP |  |  |  |
| 2NT |  | 2 | $3 \diamond-4 \diamond+5 \mathrm{~m}$ | $<5 \mathrm{M}<7 \mathrm{~m}$ 1／2：19－20 3／4：21－22 | STAY，3R 4R TRF，3＾PUP，4¢ BW，Smolen | High Level Bi | idding |  |
| 3X |  | 6 | PEN | PRE 5＋／6＋／6＋／7＋tricks depending on V | 3＊／4\＆Preempt INV RKCB | Symmetric relay in many FG a | ctions：Shortness ask， |  |
| 3NT | $\checkmark$ | （6） 7 | PEN | 112 ：Solid Suit，no side A／K（6 if favorable V） | 4＊P／C；4＊FG ASK；4M drop；higher NAT | Pattern ASK，CTRL ASK，Denial Cue； |  |  |
|  |  |  |  | 3／4：Side A／K encouraged | Rebids：4e－4X；4N F1 ASK | Preempt INV KCB；Exclusion KCB；Gerber（4※）BW； |  |  |
| 4X |  | 7 | PEN | PRE 6＋／7＋／7＋／8＋tricks depending on V | $4 \diamond$ Preempt INV RKCB | 4N KACD，पeTaull sull ，CUIVIF．PUDI，PUKI，DEDn． |  |  |
| 4NT | $\checkmark$ |  | PEN／ART | RKCB＊ | $\pi$ ： 03.142 | Grand Slam Force（5N trump CTRL ask）； |  |  |
| 5X |  | 7 | PEN | PRE 7＋／8＋／8＋／9＋tricks depending on V |  | Caspar（3M／4m）INV RKCB relay break in FG， |  |  |
| 5NT | $\checkmark$ |  |  | Pick a slam |  | If no Caspar RKCB in opener＇s suit，then 4N＇s that suit． |  |  |

