| $1 \%$ | 2 | $4 v$ | a/11-13(12-14vul) balanced b/17-19(18-19vul) balanced b/4+C 11-22Hcp | $\begin{aligned} & 1 \checkmark=4+\mathrm{HO}+ \\ & 1 \vee=4+\mathrm{SO}+ \\ & \\ & 1 \uparrow=\text { a/6-11 bal wo 4c Maj b/9+w Diamonds c/FG w } \\ & \text { Diamonds, might have major } \\ & 1 \mathrm{NT}=\text { a/GF balanced wo Major b/FG w Clubs } \\ & 2 \%=6-105+\mathrm{Cl} \\ & 2 \mathrm{D} / \mathrm{H} / \mathrm{S}=4-86+\text { suit } \\ & 2 \mathrm{NT}=\mathrm{NAT} \text { INV } \\ & 3 \mathrm{C}=\mathrm{NAT} \text { IN } \\ & 3 \mathrm{~N} / \mathrm{H} / \mathrm{Sp}=6+\mathrm{Cl} 12-15 \text { short } \mathrm{D} / \mathrm{H} / \mathrm{Sp} \\ & 4 \mathrm{Cl} / \mathrm{T}=\mathrm{TRF} 4 \mathrm{HS} \\ & \hline \end{aligned}$ | $\begin{aligned} & 1 \mathrm{H}=2-3 \mathrm{H} \text { BAL 11-13(12-14) OR 2-3H w 5+Cl } \\ & 1 \mathrm{NT}=17(18)-19 \text { BAL } \\ & 2 \mathrm{~S}=4-\mathrm{c} \text { Support unbalanced,3D=4-c support balanced } \\ & \text { 1S=2-3S BAL 11-13(12-14) OR 2-3 Sw5+Cl,1NT=17-19 } \\ & \text { 3D=17-19BAL 4-c Sup, 3H=4-c support BAL 17(18)-19 } \\ & \text { 2D=17-19BAL } \end{aligned}$ <br> 2NT=ASKING |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 * | 4 | 4\% | 11-22 4+D UNBALANCED | ```1HSS=NAT 4+suit 1NT=NAT 6-11 2C=NAT FG 2D=GF 4+D 2HS \(=4-9\) 6+suit 3C= 9-11 4+support INV. 3D=PRE 5-9 3H-V3S/4C=VOID w support``` | 1NT/2CL/2D=TRF $2 \mathrm{NT}=\mathrm{ASKING}$ | No checkback Stayman |
| 1 17 | 5 | 30 | 11-22 5+ | $1 \mathrm{NT}=6-11$ NAT <br> $2 \mathrm{Cl} / \mathrm{D} / \mathrm{H}=\mathrm{NAT}$ GF <br> 2M=8-11 3+support <br> 2S(on 1H) $=5-96+$ suit <br> 2NT=INV+4+support <br> 3Cl/D/H=NAT INV <br> 3M=PRE 4+support <br> 4C//R=VOID 4+support | $2 \mathrm{Cl}=14+2 \mathrm{D} / \mathrm{H} \mathrm{~S}=11-14 \mathrm{NAT}$ <br> 2NT=F <br> 3C $=\mathrm{MIN}, 3 \mathrm{D}=\mathrm{EX}$ TRAS NO SHORTNESS 3HS/NT=EXTRAS w SHORTNESS in C/D/other Major |  |
| 1 NT |  | 3 | 14-16, (semi)BAL(15-17vul may have 5 -card M | $2 \%=$ STAY, does not promise $M$ if strong; <br> $2 \vee=a / 6+$ minor $b / 4-c$ H w longer minor $\mathrm{c} / 5+\mathrm{H}$ $2 \mathrm{H}=4+\mathrm{S}$ <br> 2S=GF BAL <br> 3C=PUPPET 3D a/to play b/GF both minors <br> 3D=GF 4441, 3H=GF 1444, 3S=GF 4144 |  |  |
| $2 \%$ | 0 | 34 | a/20-21BALb/25+BALc/FG ANY | $2 \checkmark$ =relay,2MV3Min weak |  |  |
| 2 * | 0 |  | a/5-9 6+Maj b/Strong w D | $2 \vee=$ REL, 2 NT=ASKING,3C/D/S=NAT F,3H=P/C | After 2NT:3C=good weak,3D=weak w H,3H=weak wS |  |
| $2 \boldsymbol{\wedge}$ | 6 |  | 10-13 6+ | 2NT=ASKING,3D=NAT or INV,3C//OM=NAT F,3M=PRE | After $2 \mathrm{NT}: 3 \mathrm{C}=6-4,3 \mathrm{D}=\mathrm{BAL}$ or MIN with singleton,3H/S/NT=EXTRAS,short in C/D/H |  |
| 2 NT | 2 |  | 22-24 BAL | 3C=STAYMAN,3D/H=TRF,3S=minors | AFIER 3D/H:ACCEPT shows 3+ support |  |
| 3\%/4 | 6 |  | PRE, indicates $2 / 3$ topH $1 / 2$ seat | 3M=NAT F | SLAM APPROACH AND CONVENTIONS (including | slam-interest bids) |
| $30 / 4$ | 6 |  | PRE, loose | 4m=CUE; 3A =F1 | CUE=1st/2nd round controls are shown equally (except SPL in p | partner's suit) |
| 3 NT |  |  | 1st/2nd=solid Maj: else=to play |  | RKCB 1430 |  |
| 4\%/* | 7 |  | PRE, weak | $4 \vee / A=N A T$ | 5NT from 5X: General grandslam try after RKCB, else RKCB |  |

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| DEFENS | SIVE AND COMPETITIVE BIDDING |
| :---: | :---: |
| OVERCALLS - Style and Responses |  |
| 1-level: sound (occ. weak with passed partner), seldom 4-card |  |
| 2-level: sound, frequently only 5-card |  |
| Responses: PRE jumpraises, jump CUE to 3-level=mixed raise, jump 2NT=SUPP, INV+, Newsuit at 1-level F1, Reopening: may be weaker - CUE forcing |  |
| 1NT OVERCALL RESPONSES |  |
| 2nd: 15-18 | same answers as after 1NT-opening |
| 4th live: 15-18 | 2\%=Stayman |
| Reopen: 11-16, maybe no stopper | 2\%=ASK range and M, others NAT |
| JUMP OVERCALLS |  |
| 2 $\mathrm{M}=4$-c w longer minor |  |
| Others weak |  |
| UNUSUAL NT |  |
| $2 \mathrm{NT}=$ sound two-suiter (two lowest) Reopen: 2NT=19-21 BAL |  |
| DIRECT CUE-BID |  |
| Over NAT m-openings ( $=3+$ cards or $1 \%=4-4-3-2$ or $1 *=3-3-2-5$ ): |  |
| $2 \mathrm{x}=$ Sound two-suiter 55+ highest+other |  |
| Over short minor openings: $2 \mathrm{~m}=\mathrm{NAT} 2 \mathrm{D}=\mathrm{V}+\uparrow$ |  |
| VS. NT |  |
| : 2\% =both majors 2 =6+Maj weak |  |
| 2HS $=6+$ opening hand |  |
| Double by passed hand=S + other suit |  |
| VS. PRE-EMPTS |  |
| Dbl=T/O thru 3* |  |
| Against 3M: $\mathrm{D}=\mathrm{T} / \mathrm{O}, 4 \mathrm{C} / \mathrm{D}=5+\mathrm{w} 5+$ +other Major |  |
| Two-suiters: Cue=highest unbid+lower unbid |  |
| jump to 3 $\mathrm{M}=4$-c w longer minor |  |
| vs. ARTIFICIAL STRONG $1 /$ or $2 /$ OPENINGS |  |
| X=both majors |  |
| 1/2NT=minors |  |
| OVER OPPONENTS' TAKE-OUT DOUBLE |  |
| after 1\%:TRF |  |
| after $1 *: 2 \mathrm{mmF}$ |  |
| after 1V/A : 1 NT thru 2 below opening suit=TRF; |  |
| 2NT shows support, other jumps=PRE |  |
| after $2 \% / \uparrow / \nabla / \mathrm{A}$ : suit bids $=$ NF |  |


| LEADS AND SIGNALS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| LEADS |  |  |  |  |  |
| SUlTNT |  | primarily 1st / 3rd / 5th primarily 1st / 3rd / 5th |  |  |  |
| SUBSEQUENT |  | 2nd / 4th thru declarer |  |  |  |
| From an interior sequence the third card is lead |  |  |  |  |  |
| Against suit we lead small from $x \times x$ |  |  |  |  |  |
| K asks count; at $5+$ level, when OP has 3-level+ PRE or shown 10+c in two suits |  |  |  |  |  |
| Against NT sometimes 4th is led when 3rd is a high small card |  |  |  |  |  |
| In partner's supported suit we may lead highest from $x$ x ${ }^{\text {ax }}$ |  |  |  |  |  |
| Lead | Vs. Suit |  |  | Vs. NT |  |
| Ace | AKX ( + ) |  |  | $A K(+)$ |  |
| King | $A K, K Q(+), A K Q(+)$ |  |  | $K Q(+), A K Q(+)$ |  |
| Queen | $\mathrm{Q}(+)$ |  |  | $Q(+),(K Q U X)$ |  |
| Jack | J10( + |  |  | $J 10(+), A Q J(+)$ |  |
| 10 | $109(+), K J 10(+)$ |  |  | 109(+), HJ10( + ) |  |
| 9 | 9x, H109(+) |  |  | 9x, 98(+), H109(+) |  |
| Hi-x | $S X, S X S X, H \times S X X X$ |  |  | $S \times(+), H \times S X, H \times S X S X$ |  |
| Lo-x | $H \times S(X), x \times S, H \times X X S, x \times x \times S$ |  |  | $H \times S, H \times S X S$ |  |
| SIGNALS |  |  |  |  |  |
|  | Partner's lead |  | Declarers lead |  | Discarding |
| $\begin{aligned} & 1^{\text {st }} \\ & 2^{\text {nd }} \\ & 3^{\text {rd }} \end{aligned}$ | $\mathrm{Hi}=$ Discg |  | Hi/Looodd |  | Hi=Discg |
|  | Hi/Lo=Odd |  | Suit preference |  | Hi/Looodd |
|  | Suit preference |  |  |  | Suit preference |
| TAKEOUT DOUBLES |  |  |  |  |  |
| 3+M unless 17+ except (1A )-DBL-(P)-1NT(negative=0-6/7); 2ns |  |  |  |  |  |
| CUEBID=mostly F to suit agreement |  |  |  |  |  |
| RESP DBL: 8+hcp |  |  |  |  |  |
| (1m)-DBL-(1M)-2M $=$ NAT |  |  |  |  |  |
| SPECIAL ARTIFICIAL AND COMPETITIVE DOUBLES |  |  |  |  |  |
| Support DBLIRDBL when RESP has 3-c support |  |  |  |  |  |
| Maximum overcall double |  |  |  |  |  |
| Most low-level doubles $=$ T/O |  |  |  |  |  |



