This series is based on Grant Standard, a set of conventions and agreements that are in popular use today, such a 15-17 INT openings, five-card majors, and weak twobids. A summary chart of Grant Standard and the corresponding convention card can be found at www.AudreyGrant.com. The site also has Grant Basic, a simpler set of agreements.
Earlier articles in this series appeared in the Bridge Bulletin and can also be found under 'Articles' at www.AudreyGrant.com.

When a trump suit has been agreed and there is enough combined strength for a slam, the Blackwood convention can be used to check on the number of aces held by the partnership. We don't want to be in a slam contract missing two aces. When no trump suit has been agreed, a different approach is required.

## Gerber

Suppose partner 4 opens 1NT (15-17) 『 K Q 7
and we hold this KQJ8763 hand. We have 18 A 4 points: 15 high-card points plus 3 length points for the seven-card suit. That puts us in the slam zone since the partnership has a combined total of at least 33 points $(18+15)$. We know diamonds would be a suitable trump suit since partner must have at least two. The only thing stopping us from jumping right to 6 is that we could be missing two aces.

We can't jump to 4NT to ask for aces because 4 NT is not Blackwood after a natural notrump opening bid. It would be a quantitative-invitational -raise, which opener could pass. To get around this dilemma, we can use the Gerber convention. After a natural 1 NT or 2 NT bid, a jump to 4e is artificial and asks how many aces partner holds. The responses are:


For example:

| West | East |  |
| :---: | :---: | :---: |
| 4 K J 6 | ¢ 4 |  |
| - J J 105 | - K Q 7 |  |
| - 104 | -KQJ8763 |  |
| \% K Q J 8 |  |  |
| West North | East | South |
| 1NT Pass | 4\% | Pass |
| 4V Pass | 5 | All Pas |

East responds with $4 \boldsymbol{*}$, Gerber, to the 1 NT opening. West replies 4 to show one ace. Knowing two aces are missing, East signs off safely in a game contract of $5 \downarrow$.
After the $4 \checkmark$ reply, East could have bid 4NT as a signoff bid. It would not be as safe a contract as $5 \downarrow$, since it might be defeated with a spade lead. The point is, however, that 4NT is a signoff after using Gerber.
Suppose these are the two hands:

| West | East |  |
| :---: | :---: | :---: |
| ¢ A 106 | ¢ 4 |  |
| - A J 105 | - KQ 7 |  |
| -104 | -KQJ8763 |  |
| \% K Q J 8 | 9 A |  |
| West North | East | South |
| 1NT Pass | 4\% | Pass |
| 44 Pass | 6 | All Pass |

When West shows two aces with the 4 reply, East can confidently bid $6 \leqslant$, knowing the defenders have only one ace to take.
If the reply to 4 shows that the partnership holds all the aces and we are interested in a grand slam, a bid of now asks about kings:


Suppose these are the combined partnership hands:

| West | East |
| :---: | :---: |
| ¢ AK 6 | - 4 |
| - A 1052 | - K Q 7 |
| - A 4 | -KQJ8763 |
| \% 10873 | - A 4 |


| West | North | East | South |
| :---: | :---: | :---: | :---: |
| 1NT | Pass | $4 \boldsymbol{4}$ | Pass |
| 4NT | Pass | $5 \dot{\&}$ | Pass |
| 5 | Pass | 7NT | All Pass |

When West shows three aces and a king in response to Gerber, East can bid a grand slam. East might as well bid it in notrump since East can count thirteen tricks: one spade, three hearts, seven diamonds, a club, and whichever king opener holds-it doesn't matter whether opener has the K or K .

## Blackwood or Gerber?

On a given auction, either Blackwood or Gerber will apply, but not both. The partnership needs some general agreements on which convention applies in any situation. The usual agreements are the following:

## Blackwood or Gerber?

- 4NT is Blackwood if the partnership has agreed (or implied agreement) on a trump suit.
- 4\% is Gerber if the last bid was a natural 1 NT or 2 NT .
- After Stayman or a Jacoby transfer bid, a jump to $4{ }^{\circ}$ is Gerber and $4 N T$ is quantitative.

Although this is straightforward in most situations, even experienced partnerships will sometimes have a misunderstanding. Let's look at some examples.
West
н K Q 863
A 103
K 92
S 73

East

| West | North | East | South |
| :---: | :---: | :---: | :---: |
| 1 $\boldsymbol{\varphi}$ | Pass | $2 \boldsymbol{\downarrow}$ | Pass |
| $3 \boldsymbol{\psi}$ | Pass | 4 NT | Pass |
| $5 \mathbf{~}$ | Pass | $6 \boldsymbol{\psi}$ | All Pass |

Once the partnership has agreed on hearts as the trump suit, East's 4NT bid is clearly Blackwood. 4e by East would be a cuebid, not Gerber.
West
คJ 873
KQ 52
A 97
\& K Q

East

- A 105
- J 83
-K Q J 62
West North East South
1NT Pass 4NT Pass
Pass Pass
With no suit agreement, East's
4NT is quantitative-invitationalnot Blackwood. West can pass.

| West ${ }_{\text {¢ }}^{\text {Q }}$ ( 8743 |  | East |  |
| :---: | :---: | :---: | :---: |
|  |  | ¢ AK 92 |  |
| $\underset{\sim}{\text { ¢ }}$ Q J 874 |  | - K | Q J 9 |
| - K 95 |  | - 4 |  |
| - K 6 |  | 2 A Q J 4 |  |
| West | North | East | South |
| $1{ }^{\text {c }}$ | Pass | 4NT | Pass |
| 5\% | Pass | 54 | All Pass |

In this type of auction, the direct jump to 4 NT implies that spades is the agreed trump suit. With interest in playing in another suit or notrump, East would start differently.

|  |  | East |  |
| :---: | :---: | :---: | :---: |
|  |  | ¢ K - 952 |  |
| $\perp \mathrm{A} 7$ |  | $\checkmark 4$ |  |
| - K J 7 |  | - A |  |
| * A Q J |  | \% K |  |
| West | North | East | South |
| $1 \checkmark$ | Pass | 14 | Pass |
| 2NT | Pass | 4\% | Pass |
| 49 | Pass | 6 | All Pass |

East's jump to 4e over the natural 2NT rebid by West is Gerber since no suit has been agreed on-at least to West's knowledge. West's reply shows two aces and East knows that slam should have a play.

The situation after Stayman or a transfer bid in response to a 1 NT opening bid is more confusing, so here are some examples.

|  |  | Eas |  |
| :---: | :---: | :---: | :---: |
|  |  | ¢ K Q 85 |  |
|  |  | - J 4 |  |
| $\text { K } 92$ |  | - A Q J 5 |  |
| $\text { A J } 62$ |  | \% K 93 |  |
| West North East South |  |  |  |
| $\begin{gathered} 1 \mathrm{NT} \\ 2 \downarrow \end{gathered}$ | Pass | 2* | Pass |
|  | Pass | 4NT | Pass |
| 6NT | Pass | Pass | Pass |

With 16 points, East wants to invite slam but starts with the Stayman convention to look for an eight-card spade fit. When West shows a four-card heart suit, East makes a natural invitation with a quantitative raise to $4 N T$. With a maximum, West accepts.
Many players would treat East's 4NT as Blackwood, agreeing hearts as trumps, although it is not actually the standard agreement. Nonetheless, it would be best to have discussed this with partner beforehand.

| West |  | East |  |
| :---: | :---: | :---: | :---: |
| - 10973 |  | Q K Q J 5 |  |
| - K 73 |  | - A J 83 |  |
| - A Q 8 |  | - 2 |  |
| \& A Q 6 |  | - KJ7 4 |  |
| West | North | East | South |
| 1 NT | Pass | 28 | Pass |
| 2 2 | Pass | 4\% | Pass |
| 49 | Pass | 64 | Pass |

After East uncovers the spade fit using Stayman, East has enough- 15 high-card points plus 3 dummy points -to consider slam. East's jump to 4\% is Gerber. West's 4 shows two aces and East bids the small slam.

| West ${ }_{\text {¢ K J }} 104$ |  | East |  |
| :---: | :---: | :---: | :---: |
|  |  | ¢ A Q 5 |  |
| - Q 6 |  | - K | 874 |
| - A Q 3 |  | - K |  |
| - K 10 |  | \% |  |
| West | North | East | South |
| 1NT | Pass | 2 | Pass |
| 29 | Pass | 4NT | Pass |
| Pass | Pass |  |  |

With 16 high-card points and 1 point for the five-card heart suit, East has enough to invite opener to slam. First, however, East shows the fivecard heart suit by making a 2 Jacoby transfer to hearts. After West bids $2 \boldsymbol{V}$, East makes the quantitative raise. West can pass or accept by bidding 6 V or 6 NT with a maximum.

## Handling Interference

On distributional deals, the opponents may compete even when we are looking for slam. They may interfere over Blackwood or Gerber just to mess up our responses. So, we need to know what to do.

An opponent's bid takes away some of our bidding room but gives us the additional options of passing or doubling. This leads to a popular way of handling interference that can be remembered by the mnemonic D0P1:

| DOP1 OVER INTERFERENCE |  |
| :--- | :--- |
| Double | 0 or 4 aces |
| Pass | 1 ace |
| Cheapest bid | 2 aces |
| Next cheapest bid | 3 aces |


| West |  | East |  |
| :---: | :---: | :---: | :---: |
| ¢ AK 8653 |  | ¢ Q J 72 |  |
| $\bullet 4$ |  | $\checkmark$ J | 3 |
| - K 4 |  | - A | Q 82 |
| \& A K |  | \% 9 |  |
| West | North | East | South |
| 19 | Pass | 39 | 4 |
| 4NT | 5 | Pass | Pass |
| 64 | Pass | Pass | Pass |

After West bids Blackwood, North interferes with 5 , taking away East's standard reply of $5 \downarrow$. Instead, East passes to show exactly one ace. West now knows to bid the slam.

If East doubled, showing no aces, West would know the partnership can't make a slam. West would have the option of signing off in 5 or passing and defending for penalty.

With two aces, East would make the cheapest bid over $5 \boldsymbol{}$, $5 \mathbf{~}$. West could now decide whether to try for a grand slam.
The partnership can have additional agreements if the interference is at an even higher level or if the opponent doubles instead of bidding, but the important point is that it's not quite enough to say, "I play Blackwood and Gerber." We might want to discuss with partner how we handle voids, interference, signing off, and so on. That will leaving us feeling much more comfortable using these "familiar" conventions.

