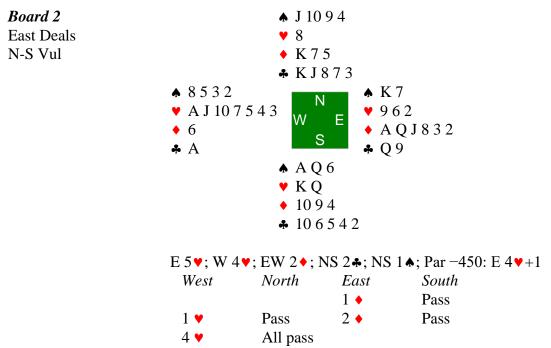
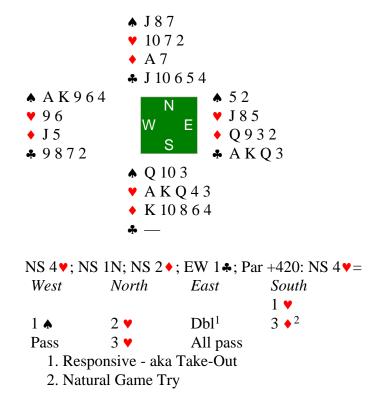


Many use the rule of 15 to decide to open in 4th seat. Your points plus the number of spades is greater or equal to 15 then open. East with a nice 5 card suit and towards the top end of a pass will have no problem inviting to game which will be rejected by West. Declarer will likely collect 8 tricks but taking 7 or 9 even more is possible as the ◆ 9 and ◆ 8 become big cards.



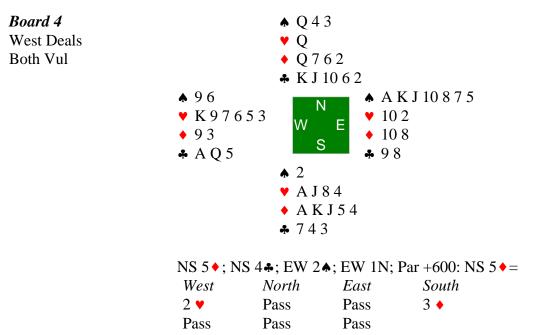
Even the East could have zero hearts on this auction with great spot cards West will likely take a stab at game. Conservative Wests will bid an invitational 3 ♥ and East with nice 3 card support will probably accept the invite.



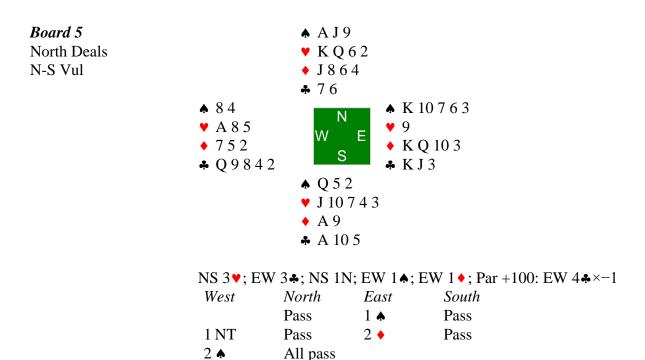


The East double is called a response double that is a take-out double by advancer(partner of the overcaller). All take-out doubles have the same rules: Support for the unbid major(s) & competing values & generally denies 3 card support in partners major. South after being given a simple raise will likely try for game with a nice 5-5 shape and a void but all game tries will be rejected by the North hand.

West will lead a high spade and partner will encourage by playing a high spade in this case the ♠ 5. Sometimes the 5,4,3 cards in a suit can be the high or encouraging cards. East/West will find their spade ruff and collect only 3 tricks after declarer can secure two diamond ruffs because East has the ♥ J and not West.

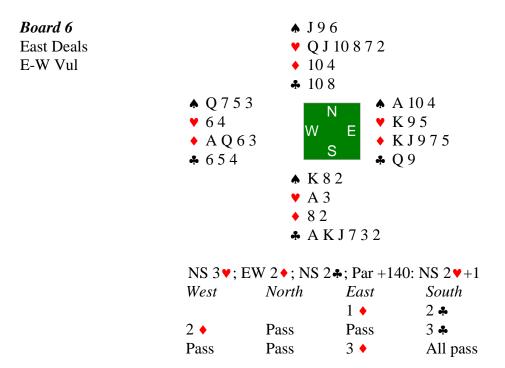


East will likely have to go to bed with their nice 7 card spade suit as most pairs will be playing a  $2 \blacktriangle$  response to  $2 \blacktriangledown$  as strong and forcing. If East does compete in spades North/South will have no problem getting to  $4 \spadesuit$ . The  $\clubsuit$  Q is in the right locations so declarer should come to 11 tricks losing only  $\clubsuit$  A &  $\spadesuit$  A



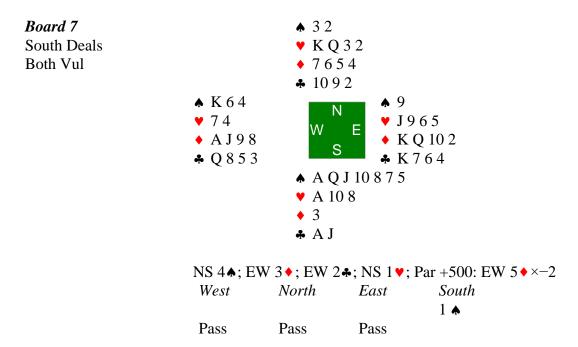
After a West responds 1 NT they will correct back to the known 7 card major suit fit. It will be hard for North/South to get the heart suit in the picture but some aggressive Souths might overcall 2 ♥ initially and reach a good 3 ♥ contract.

In Spades declarer will get ruff down in the heart suit quickly. As a defender making the hand with long trump suit is a good course of action, here it will eventually promote the small heart cards in the south hand to winners.

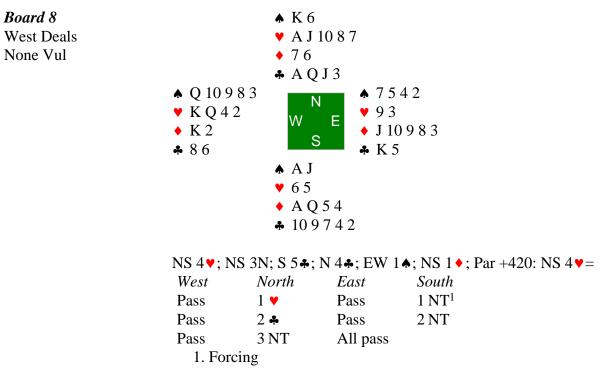


If West made a negative (think take-out) double it would show either one long major or 4-4 in the majors (sometimes 4-3), holding just 4-2 in the majors West will be reduce to making a simple raise in diamonds.

South will compete in clubs but East/West will win the auction in  $3 \\ightharpoonup$ . North with poor shape and values will likely never get a chance to mention their heart suit. In diamonds East/West will have to lose two clubs, lambda K and two hearts for down 1 as long as South does not prematurely play the lambda A.

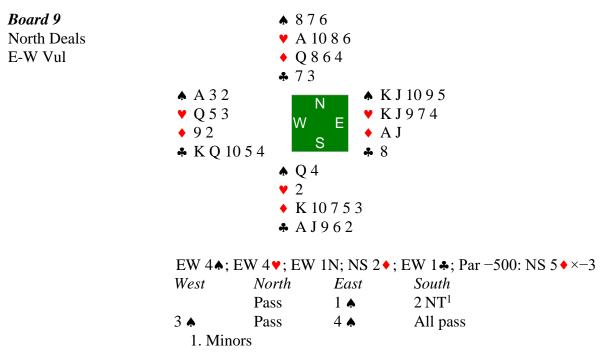


South would planning to opening  $1 \triangleq$  and rebidding  $4 \triangleq$ . Sometime in bridge go ary as South will get passed out and play in just  $1 \triangleq$  and having straight forward path to making 10 tricks.



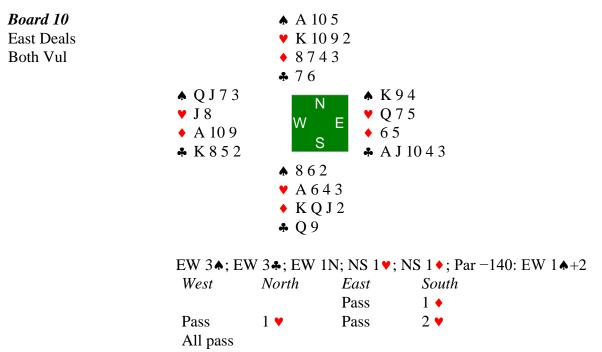
South with invite North to game who will be happy to accept. North might play the contract from their side if they open 1 NT. If South the defenders will attack the spade suit.Declarer will attack the club and get the bad news about the club king. On the run of the clubs West will come under pressure with their discards most likely allowing South to make their contract.

If North is declarer than they will have better chances at setting up both clubs and hearts as the diamond suit is blocked.

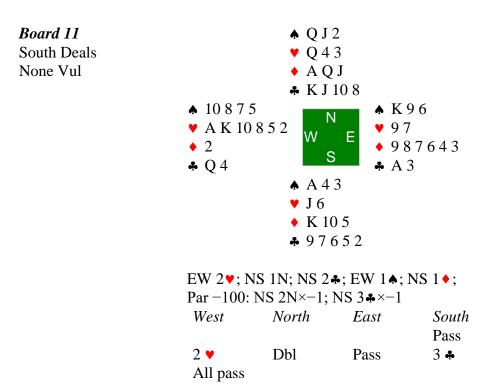


With 5-5 hands you start with the higher suit and in general rebid the lower suit twice to show this shape so East will start with 1 \( \bigap \) planning to rebid hearts twice. South will preempt the auction by making an unusual 2nt bid showing both the minors. Unless playing some convention West has only two available spades raises 3 \( \bigap \) or 4 \( \bigap \). The West hand does not feel like enough to force to game so will likely settle for 3 \( \bigap \). East with nice shape and good spot cards will to take a try at game.

Most declarers will guess trump queen wrong and will go down 1 losing one trick in each suit.

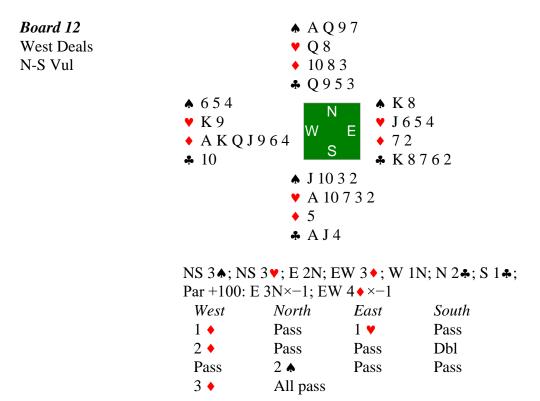


Some Easts will throw in  $2 \clubsuit$  bid on the second round and East/West will find a good  $3 \clubsuit$  partial. If North/South buy it in  $2 \blacktriangledown$  they will have to lose two clubs, one heart, one diamond and two spades for down 1. East/West will have to guess the club Q to make 9 tricks as they will have to lose 1 diamond, 2 hearts, 1 spade.

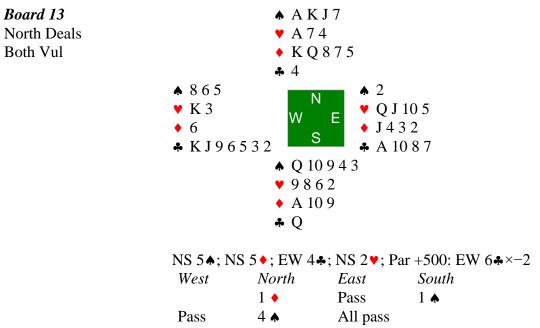


North with a nice 16 count with only a quasi heart stopper will have to make a take-out double instead of overcalling 2 NT showing 15+ to 18 points with 1.5 heart stoppers. South will bid their longest suit in clubs and be happy when dummy comes down with \* KJT8.

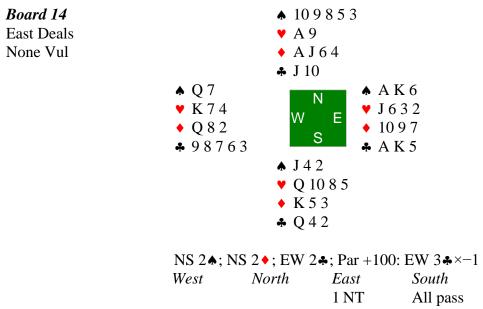
With perfect defense East/West can collect 5 tricks; 1 spade, 2 hearts, 1 diamond ruff, 1 club however most declarers will collect 9 tricks. The path to perfect defense is complicated but possible. West would lead a top heart and switch to their singleton diamond. East will win the first trump trick and give West a diamond ruff. West will then cash the second heart and play a third heart so East can ruff, declare will overruff but it will prevent a spade discard. The defense will then sit back and collect a spade trick.



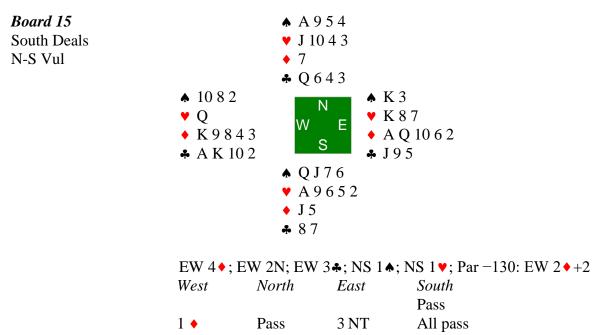
South will not want to sell out to a pedestrian  $2 \bullet$  and will likely compete with a double, ideally they would like a 4th club for this bid but you can not be perfect in bridge. West will with a nice 7 card diamond suit will have no problem competing to  $3 \bullet$ . North/South rate to happy having push the opponents to the 3 level. Both the  $\blacktriangle$  A and  $\blacktriangledown$  A are onside allowing declarer to score the kings for 9 tricks.



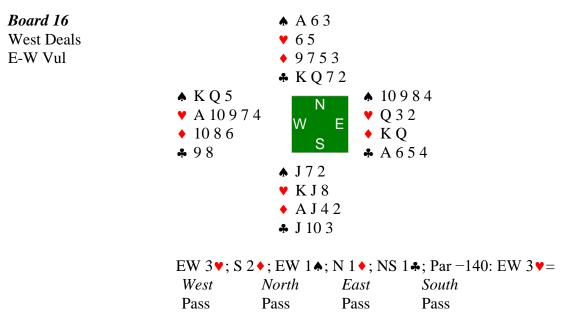
North with a great playing hand will have no problem jumping to game in spades. If opener rebids  $3 \clubsuit$  this shows 15-17 points with 4 spades, a jump to  $4 \clubsuit$  shows 18-21 points and 4 spades. Note these bids show support points and not strictly High Card Points, you get credit for having shortness and/or long suits.



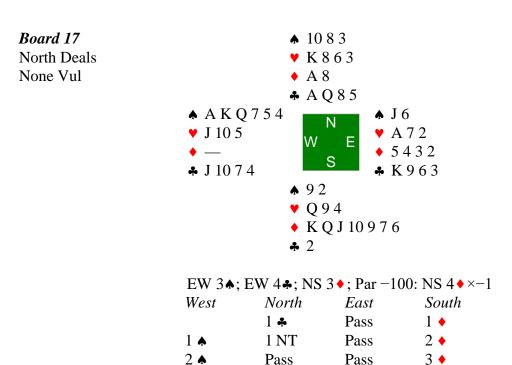
South with start with a 4th best heart, North will win the ace and might be tempted to switch to a spade. A spade switch will let declarer make 7 or 8 tricks while a heart continuation could set the contract allowing the defense to collect 4 diamonds, 1 club, 2 hearts for down 1. It is not 100% clear South should switch to diamond after getting in with  $\clubsuit$  Q although partners discard of the  $\clubsuit$  3 might help them.



East / West will likely land in the 25 HCP 3 NT which should go down 1 with • Q offside. South should have no problem leading a 4th best heart. The defenders will get practice discard on the run of the diamonds. If the defenders go wrong there are chances declarer could score a 9th trick. If West somehow becomes the declarer a spade lead will likely see the contract make.



Some might open the East hand in 3rd seat with a balance 11 count. This will find E/W in a 2 ♥ contract which depending on declarer guesses in the heart suit, will make 8 tricks unless they guess the heart position for 9 tricks.



Pass

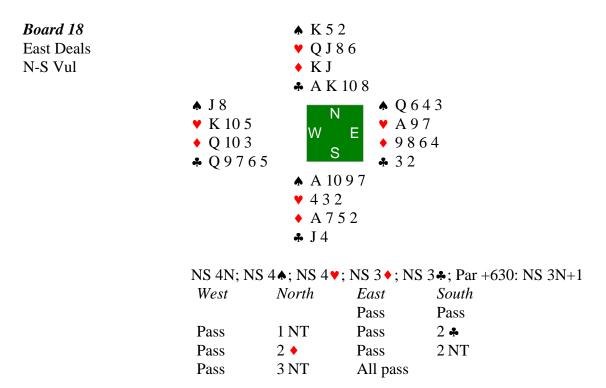
South & West will get in a battle to win the auction, either 3 ♠ by West or 4 ♦ by South will be the likely final contracts. In spades West will likely collect 10 tricks losing 1 club & two hearts. In diamonds South will collect 9 tricks losing two spades and two hearts.

**3** ♠

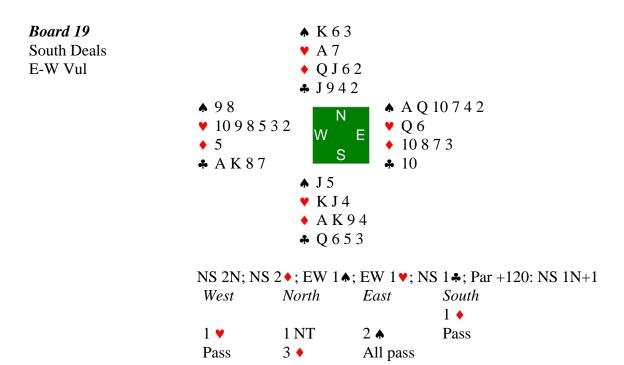
All pass

Pass

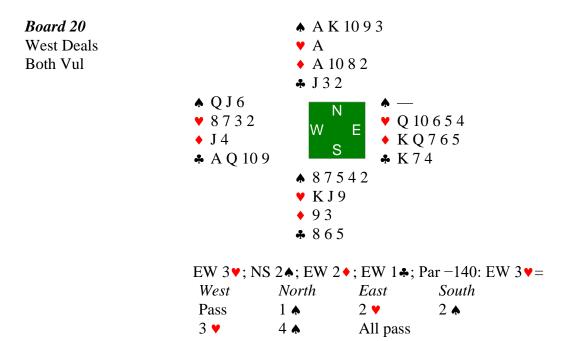
The heart suit is called a frozen suit meaning the side that first leads the suit rates to give up a trick in the suit.



South will inquiry about the majors before inviting partner to game. North holding a max 17 count will have no problem accepting the invite. East 4th spade lead will backfire as it will give declarer an extra trick or two. Declarer with minor suit queens onside can collect up to 11 tricks after a low spade lead.

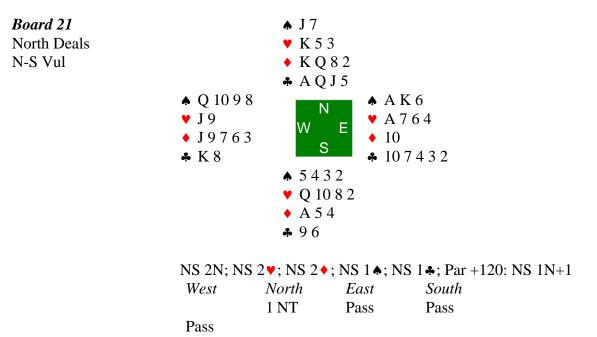


East/West will compete in the majors but with no fits should sell out to 3 of minor. In diamonds the defenders rate to get 2 clubs, club ruff and two spades for down 1. In clubs the defenders will likely get 2 spades, 2 high clubs, and a spade overruff for 5 defensive tricks.



South 5-3-2-3 shape should prevent them from making a jump to 4 ♠ even though there is known 10 card fit. East/West will compete in hearts but will probably not try any sacrifices.

In the play declarer will have to lose a spade, diamond and three clubs for down 2. Declarer would like to discard a club on the heart king but with no entry to the South hand this is not possible. The defenders should have no problem switching to a club, after declarer shows up with  $\blacktriangledown$  AK and attacks diamonds.



Declarer will likely come to 7 tricks or 8 if they are able to drop the ♥ J and score the ten in dummy.