# Counting and Card Reading

By Chris Dixon

#### **What To Count**

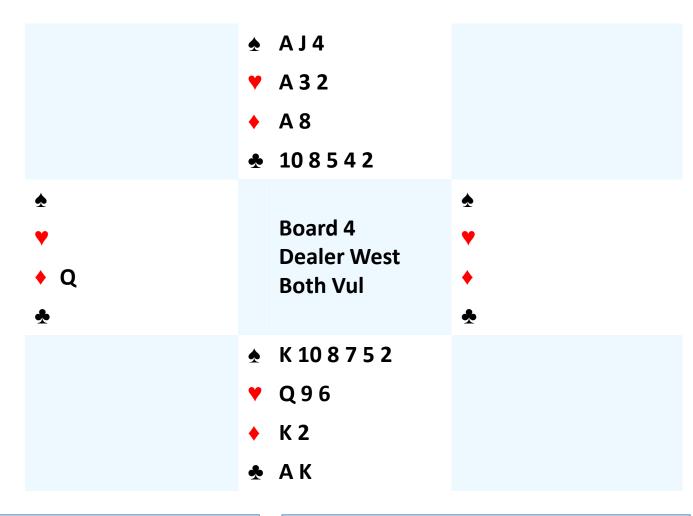
- 1 Count High Card Points
- 2 Count Tricks
- **3 Count Losers**
- **4 Count Distribution**

#### **How to get Information**

- 1 Direct Evidence
- 2 Evidence from Signals
- 3 Reasonable Inferences
- 4 Necessary Assumptions

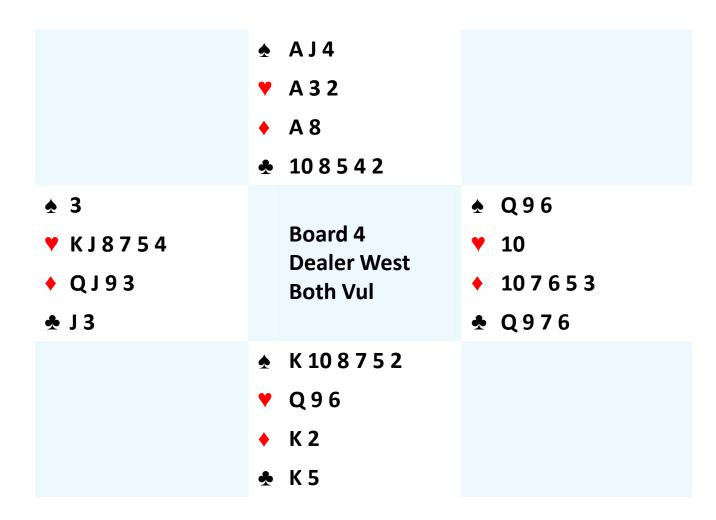
### **Principles**

- 1 Principle of Vacant Spaces
- 2 Principle of Restricted Choice
- 3 The Strange Behaviour of the Dog in the Night



S	W	N	E
	2♥	Р	Р
2♠	Р	3♥	Р
4♠	Р	6♠	Р
Р	P		

South plays in 6♠ West leads Q♦



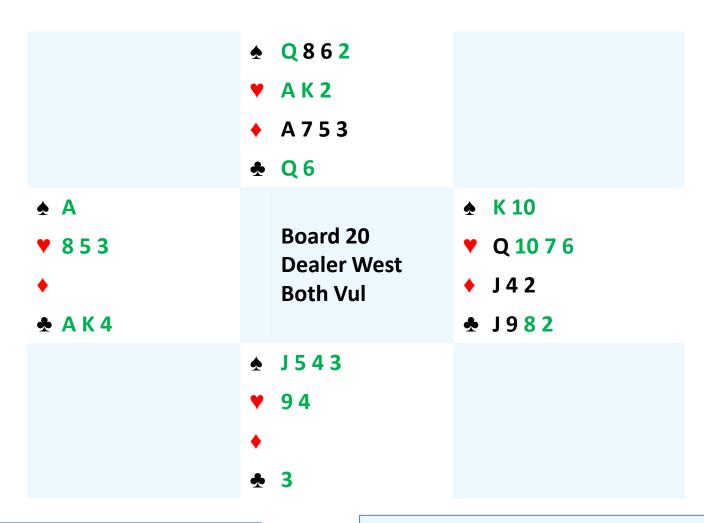
S	W	N	Ε
	2♥	P	Р
2♠	Р	3♥	Р
4♠	Р	6♠	Р
P	P		

South plays in 6♠ West leads Q♦



S	W	N	Ε
	1♣	X	Р
3♠	Р	4♠	Р
Р	Р		

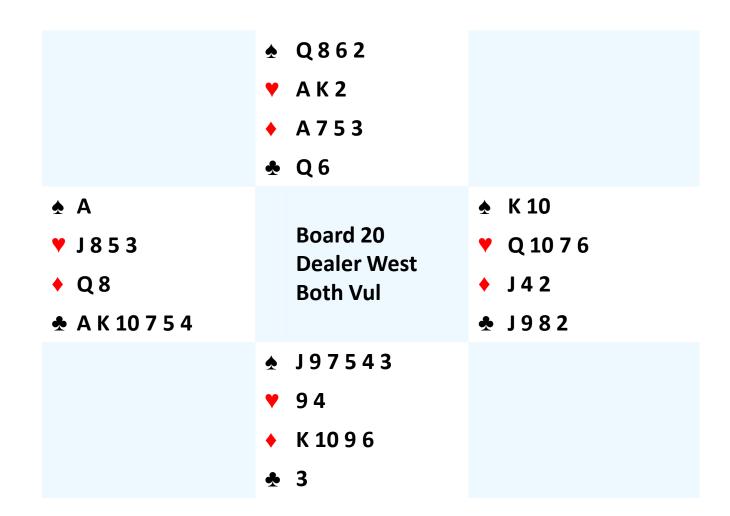
South plays in 4♠
West leads A♣, then K♣. South ruffs,
crosses to dummy with the A♥ and leads
the Q♠



S	W	N	E
	1♣	X	P
3♠	Р	4♠	P
P	P		

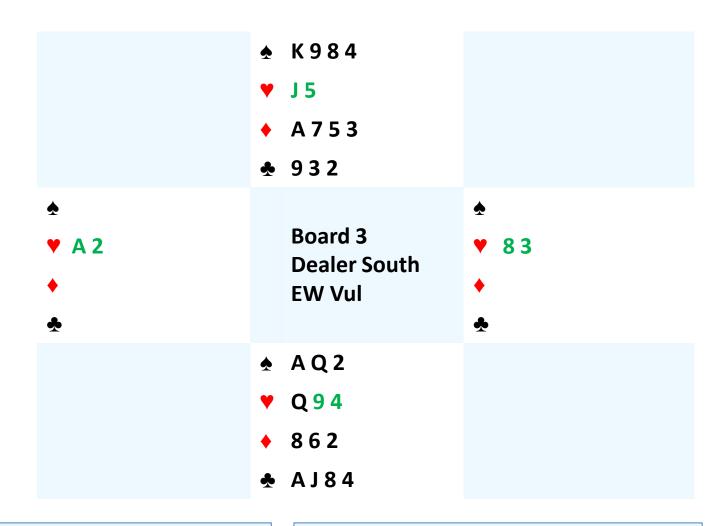
South plays in 4♠

West leads A♣, then K♣. South ruffs, crosses to dummy with the A♥ and leads the Q♠. West wins the A♠ and exits with a heart which is taken in dummy. Declarer ruffs a heart and exits with the J♠



S	W	N	E
	1♣	X	Р
3♠	Р	4♠	Р
P	P		

South plays in 4♠ West leads A♣, then K♣



S	W	N	Ε
1NT	P	P	P

South plays in 1NT West leads A♥, then 2♥

	<ul><li>★ K 9 8 4</li><li>▼ J 5</li><li>◆ A 7 5 3</li><li>◆ 9 3 2</li></ul>	
<ul><li>★</li><li>✓ A K 7 2</li><li>→ 9</li><li>★ 10</li></ul>	Board 3 Dealer South EW Vul	<ul><li>★</li><li>▼ 10863</li><li>◆ 4</li><li>★ 5</li></ul>
	<ul><li>♠ AQ2</li><li>♥ Q94</li><li>♦ 862</li><li>♠ AJ84</li></ul>	

S W N E
1NT P P P

South plays in 1NT West leads A♥, then 2♥

	<ul><li>★ K 9 8 4</li><li>♥ J 5</li><li>◆ A 7 5 3</li><li>◆ 9 3 2</li></ul>	
<ul> <li>↑ 753</li> <li>↑ A K 7 2</li> <li>↑ 9</li> <li>♣ 10</li> </ul>	Board 3 Dealer South EW Vul	<ul><li>↓ J6</li><li>♥ 10863</li><li>↓ 4</li><li>♠ 5</li></ul>
	<ul><li>A Q 2</li><li>♥ Q 9 4</li><li>♦ 8 6 2</li><li>♣ A J 8 4</li></ul>	

S	W	N	Ε
1NT	P	P	P

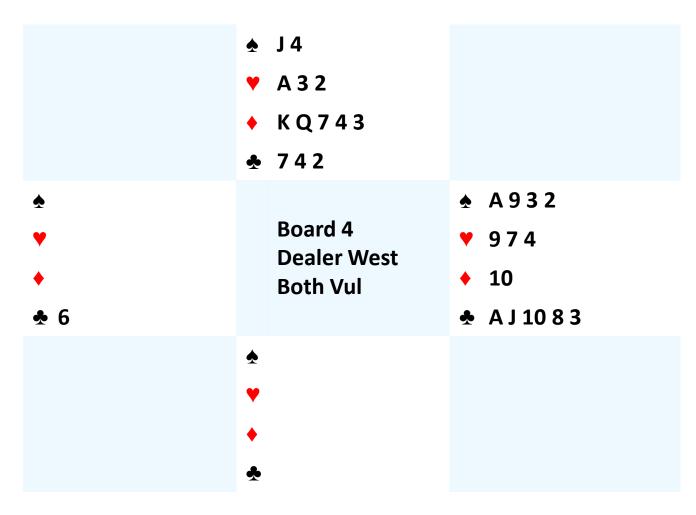
South plays in 1NT West leads A♥, then 2♥

	<ul><li>★ K984</li><li>♥ J5</li><li>◆ A753</li><li>◆ 932</li></ul>	
<ul><li>★ 10 7 5 3</li><li>★ A K 7 2</li><li>★ Q 9</li><li>★ K 10 7</li></ul>	Board 3 Dealer South EW Vul	<ul><li>▲ J6</li><li>▼ 10863</li><li>◆ KJ104</li><li>▲ Q65</li></ul>
	<ul><li>♠ AQ2</li><li>♥ Q94</li><li>♦ 862</li><li>♠ AJ84</li></ul>	

S	W	N	Ε
1NT	P	P	P

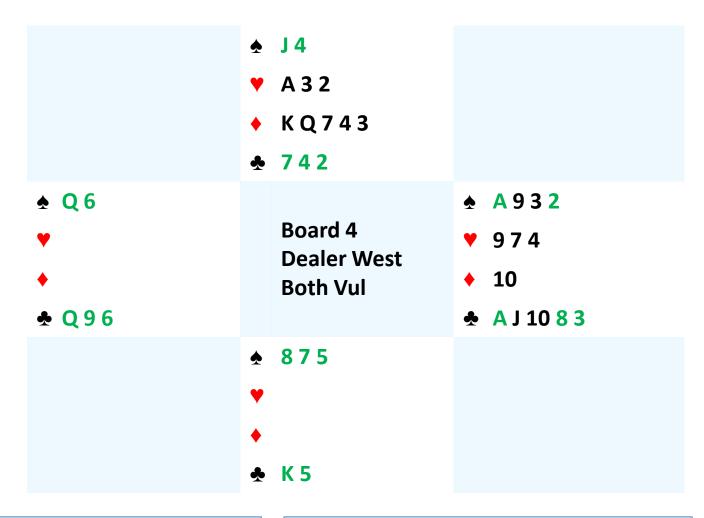
South plays in 1NT West leads A♥, then 2♥

## The Tollemache 2013



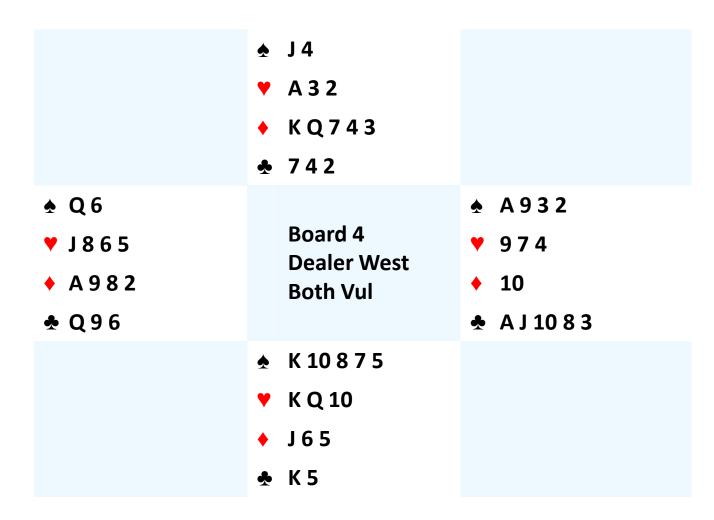
S	W	N	E
	Р	P	1♣
1♠	X	2 🔸	Р
2♠	P	P	р

South plays in 2♠ West leads 6♣



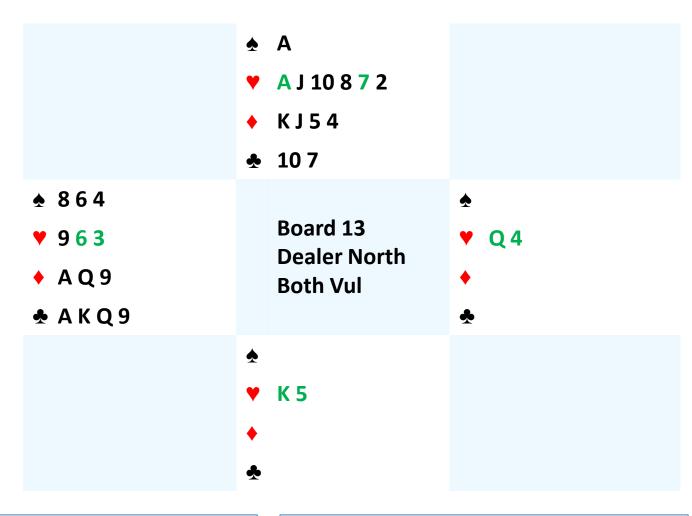
S	W	N	Ε
	Р	P	1♣
1♠	X	2 🔸	Р
2♠	Р	Р	р

South plays in 2♠ West leads 6♣



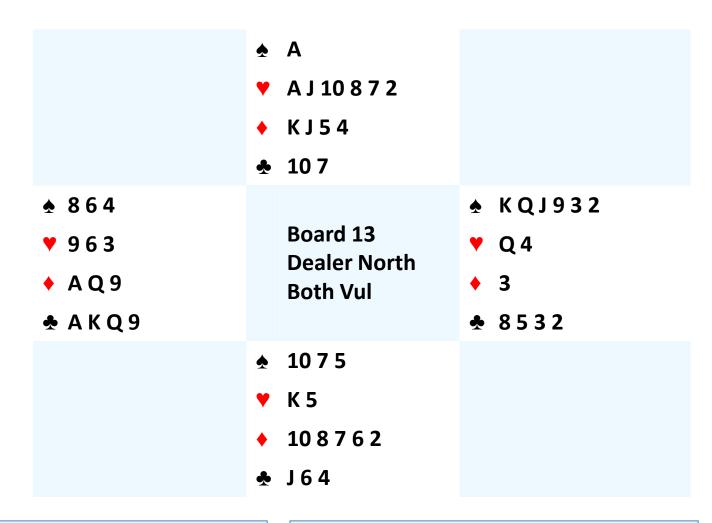
S	W	N	E
	Р	P	1♣
1♠	X	2 🔸	Р
2♠	Р	Р	р

South plays in 2♠ West leads 6♣



S	W	N	E
		<b>1Y</b>	1♠
Р	2♥	X	2♠
Р	4♠	P	Р
Р			

East plays in 4♠ South leads K♥



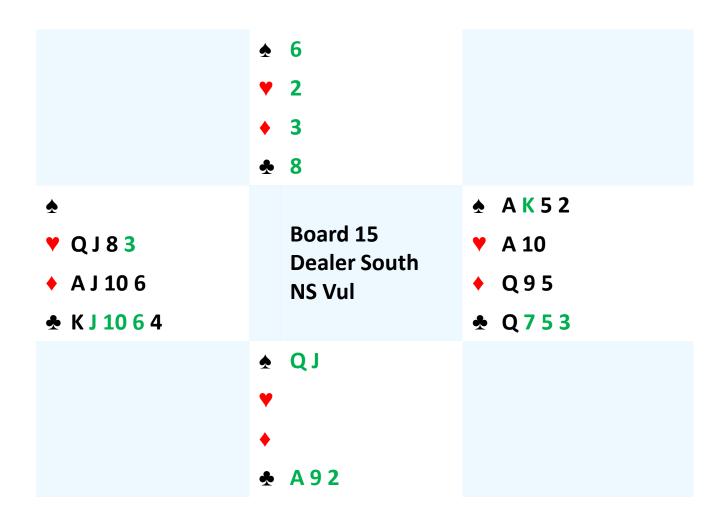
S	W	N	E
		<b>1Y</b>	1♠
Р	2♥	X	2♠
Р	4♠	P	Р
Р			

East plays in 4♠
South leads K♥



S	W	N	E
2♠	X	3♠	3NT
P	P	P	

South plays in 3NT West leads Q♠



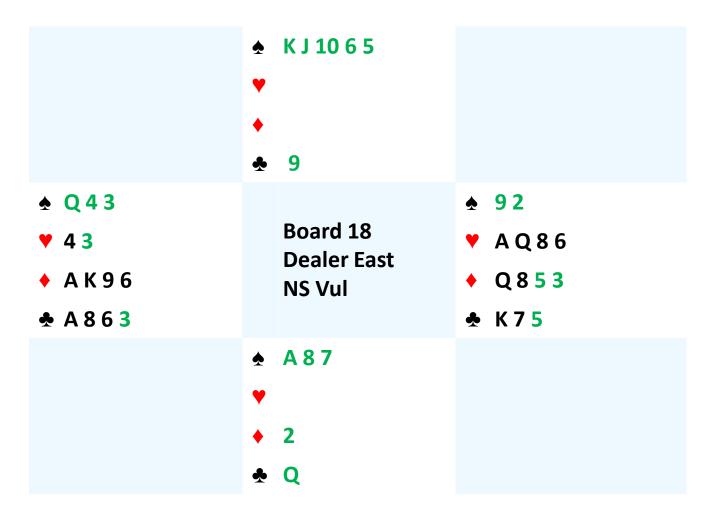
S	W	N	E
2♠	X	3♠	3NT
P	P	P	

South plays in 3NT West leads Q♠

	<ul><li>♣ 876</li><li>♥ K9542</li><li>♦ K743</li><li>♣ 8</li></ul>	
<ul><li>♠</li><li>♥ QJ83</li><li>♦ AJ106</li><li>♠ KJ1064</li></ul>	Board 15 Dealer South NS Vul	<ul><li>♠ A K 5 2</li><li>♥ A 10</li><li>♦ Q 9 5</li><li>♠ Q 7 5 3</li></ul>
	<ul><li>♣ QJ10943</li><li>♥ 76</li><li>♦ 82</li><li>♣ A92</li></ul>	

S	W	N	E
2♠	X	3♠	3NT
P	P	P	

South plays in 3NT West leads Q♠



S	W	N	Ε
			Р
1NT	P	Р	Р

South plays in 1NT West leads J♠



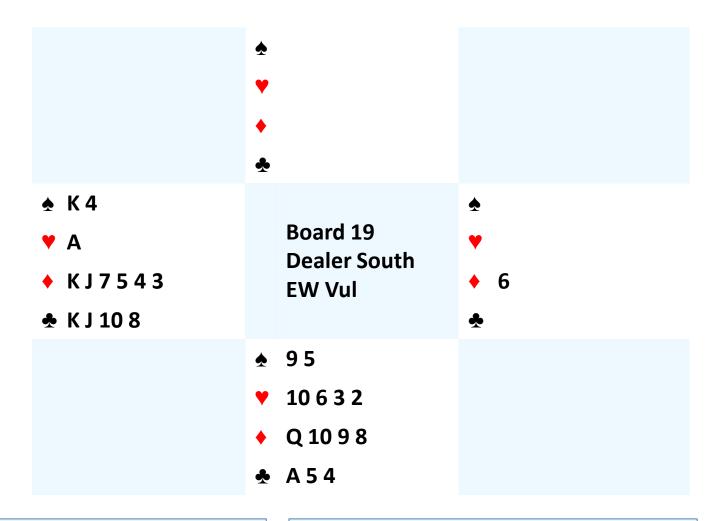
S	W	N	Ε
			Р
1NT	Р	Р	Р

South plays in 1NT West leads J♠

	♠ KJ1065	
	♥ J1072	
	<b>→ 107</b>	
	<b>♣</b> 94	
♠ Q43		<b>♠</b> 92
<b>¥</b> 43	Board 18 Dealer East	▼ AQ86
◆ AK96	NS Vul	• Q853
♣ A863		<b>♣</b> K75
	<b>★</b> A87	
	<b>▼</b> K95	
	♦ J42	
	♣ QJ102	

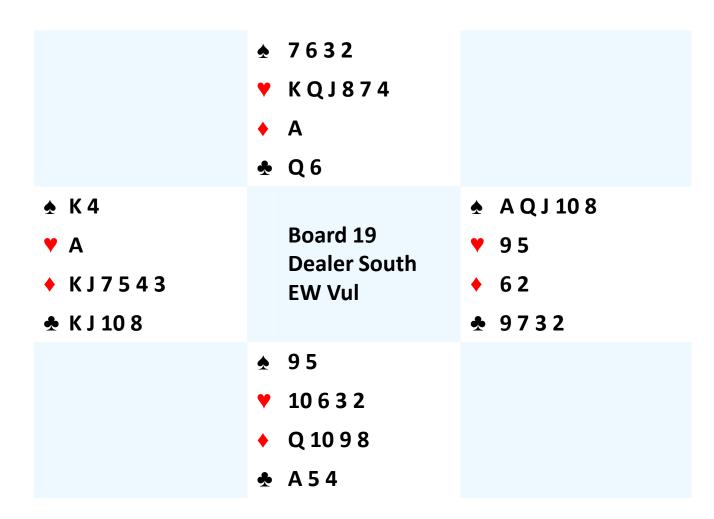
S	W	N	E
			Р
1NT	Р	P	Р

South plays in 1NT West leads J♠



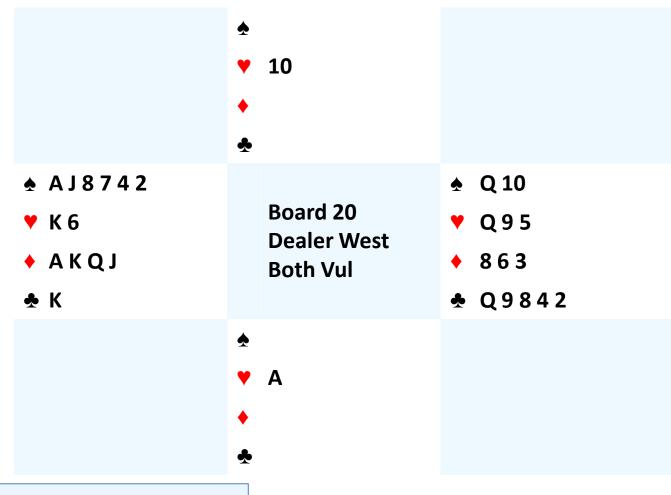
S	W	N	E
	<b>1</b> •	<b>1</b>	1♠
3♥	Р	4♥	Р
P	P		

North plays in 4♥ East leads 6♦



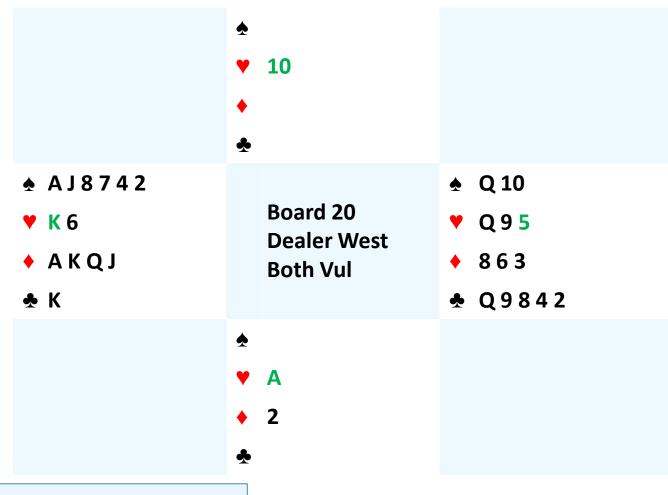
W	N	Ε
<b>1</b> •	<b>1Y</b>	1♠
Р	4♥	Р
P		
	1 <b>♦</b> P	1

North plays in 4♥ East leads 6♦



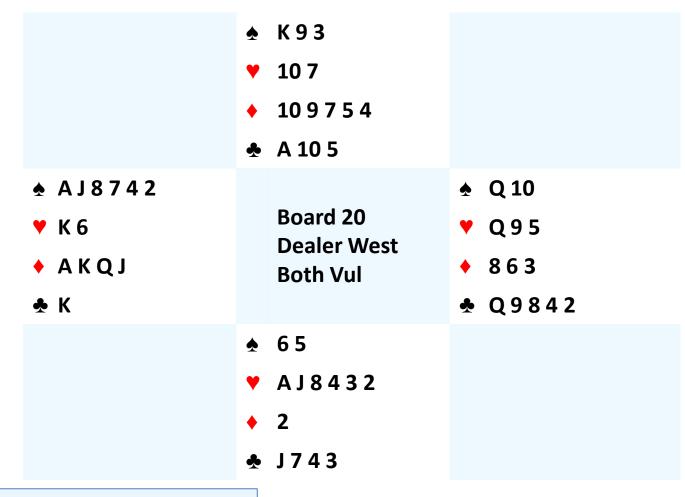
S	W	N	E
	1♠	Р	1NT
P	<b>2</b> ♥*	Р	2♠
Р	3♦	Р	3♠
Р	4♠	Р	Р
Р			
* = Trans	sfer		

West plays in 4♠ North leads 10♥



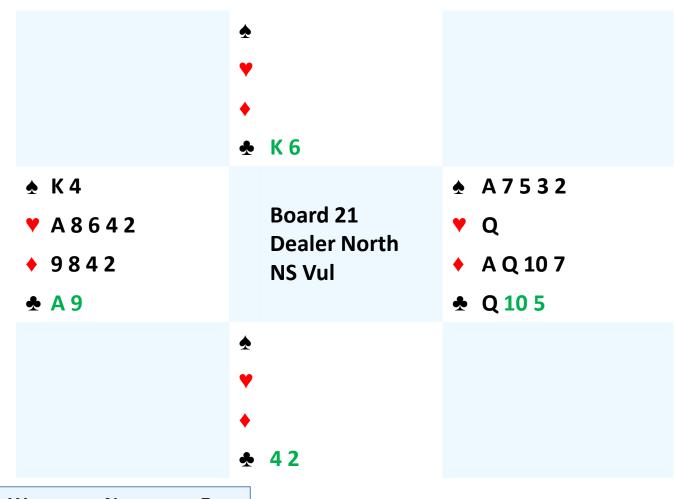
S	W	N	E
	1♠	Р	1NT
Р	<b>2</b> ♥*	Р	2♠
Р	3♦	Р	3♠
Р	4♠	Р	Р
Р			
* = Trans	sfer		

West plays in 4♠ North leads 10♥



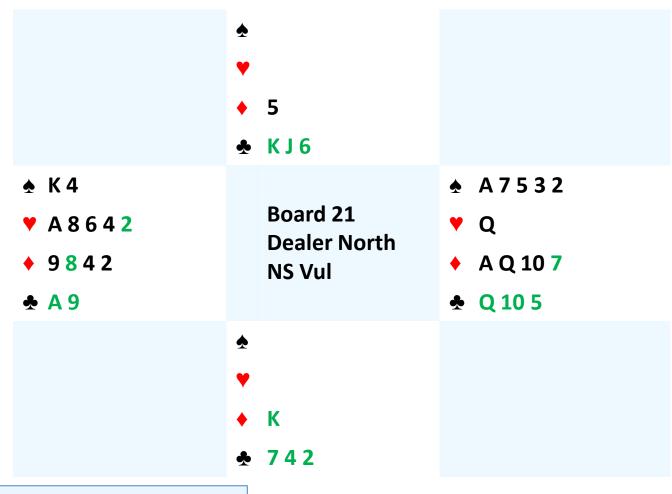
S	W	N	E
	1♠	P	1NT
Р	<b>2</b> ♥*	Р	2♠
Р	3♦	Р	3♠
P	4♠	Р	Р
P			
* = Tran	sfer		

West plays in 4♠ North leads 10♥



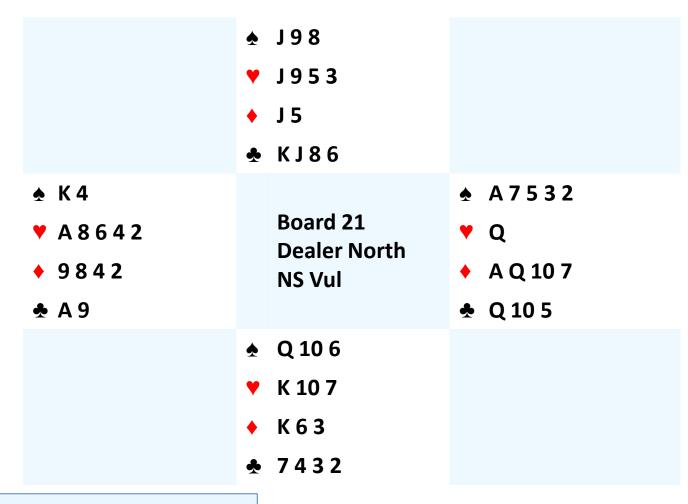
S	W	N	E
		Р	1♠
Р	2♥	Р	2NT
Р	3NT	Р	Р
Р	P		

East plays in 3NT South leads 4♣



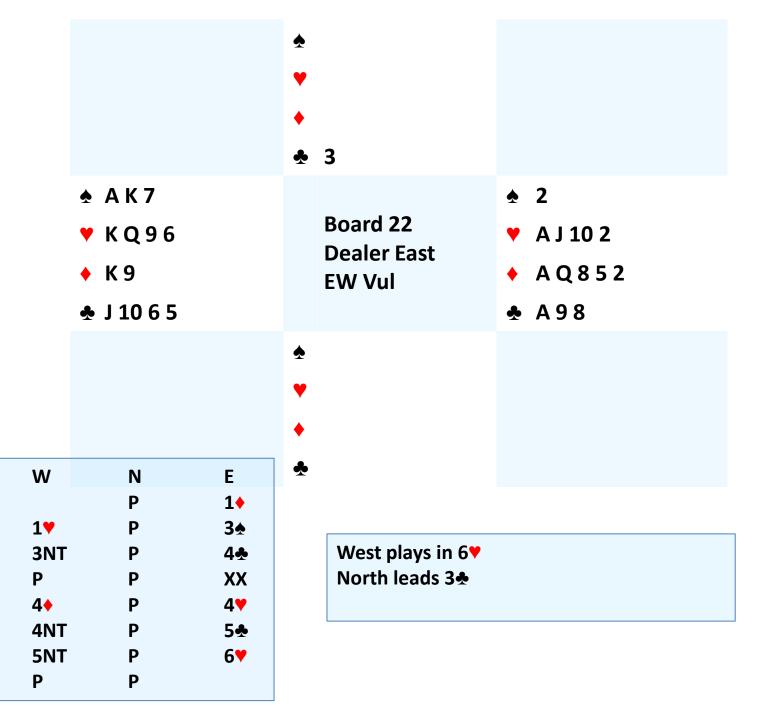
S	W	N	E
		Р	1♠
Р	2♥	Р	2NT
Р	3NT	Р	Р
P	P		

East plays in 3NT South leads 4♣



S	W	N	E
		P	1♠
Р	2♥	Р	2NT
Р	3NT	Р	Р
Р	Р		

East plays in 3NT South leads 4♣



S

Ρ

P

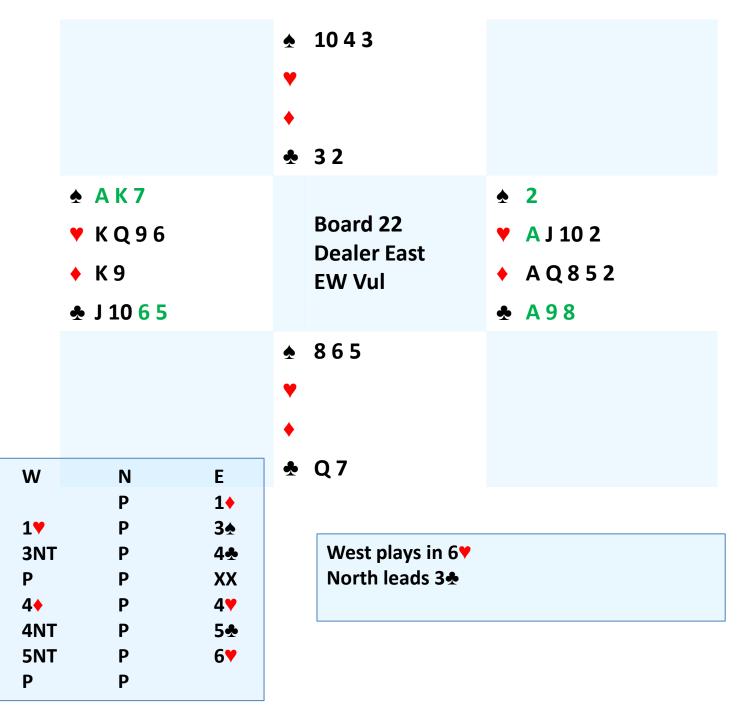
X

P

P

Ρ

Ρ



S

Ρ

P

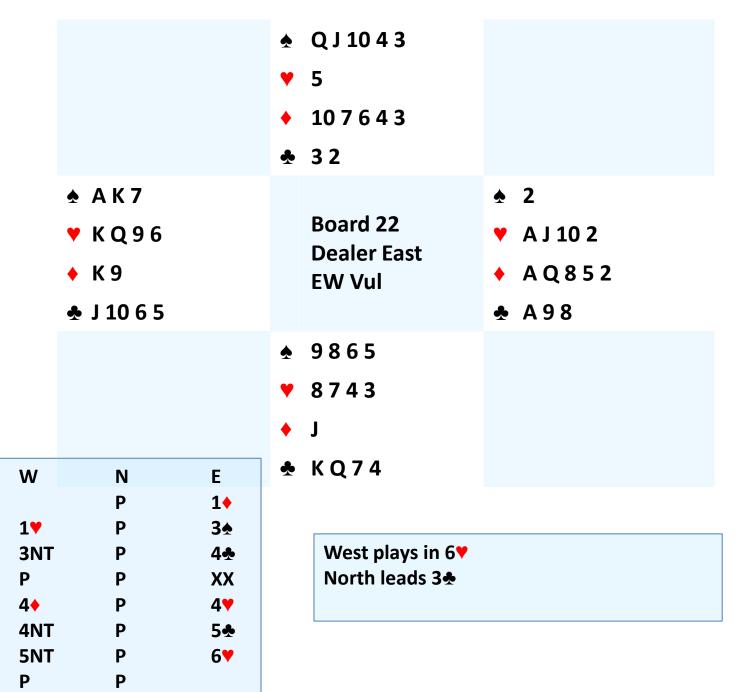
X

P

P

Ρ

Ρ



S

Ρ

P

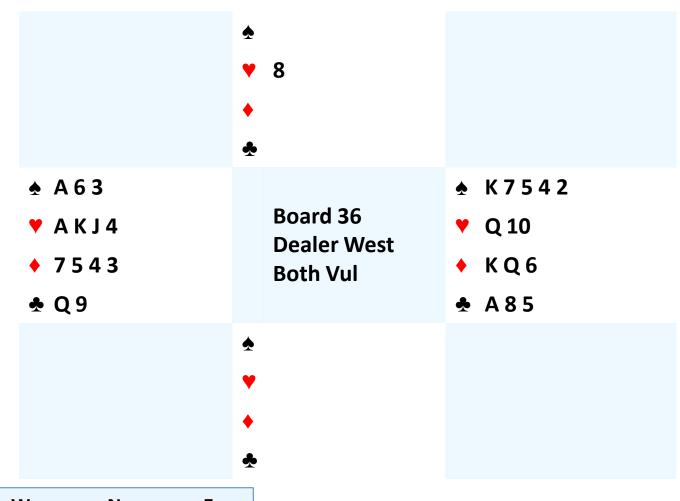
X

P

Ρ

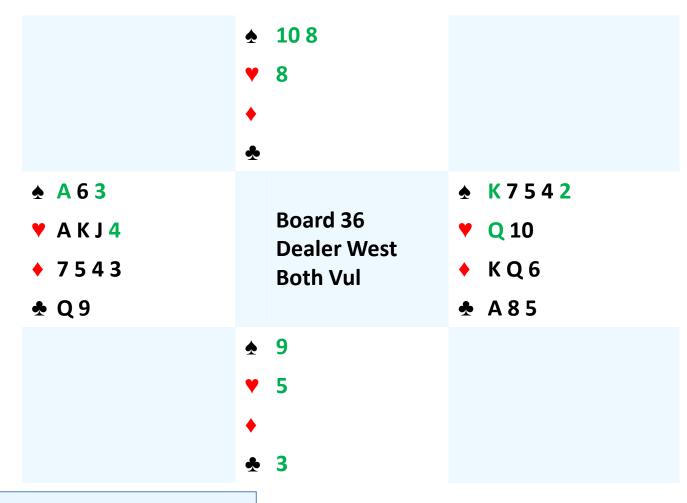
Ρ

Ρ



S	W	N	E
	1NT	Р	2♥
Р	2♠	Р	3NT
Р	4♠	Р	Р
Р			

West plays in 4♠ South leads 8♥



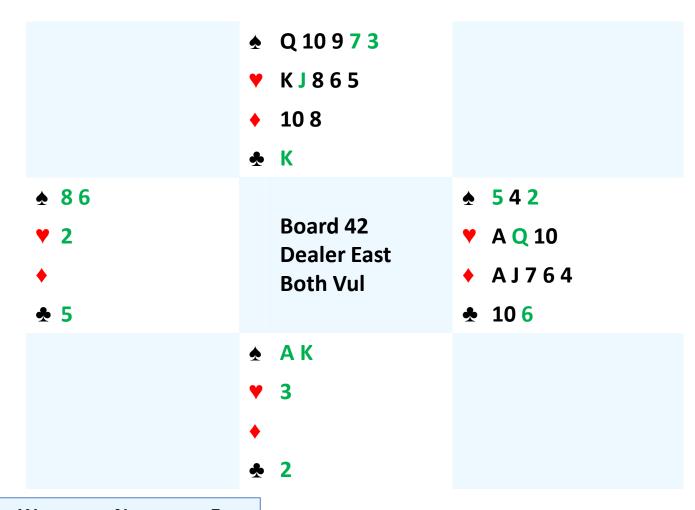
S	W	N	E
	1NT	P	2♥
Р	2♠	P	3NT
Р	4♠	Р	Р
P			

West plays in 4♠ South leads 8♥

	<ul><li>♣ QJ108</li><li>♥ 9843</li><li>♦ A98</li><li>♣ K4</li></ul>	
<ul><li>▲ A 6 3</li><li>▼ A K J 4</li><li>◆ 7 5 4 3</li><li>♣ Q 9</li></ul>	Board 36 Dealer West Both Vul	<ul><li>★ K7542</li><li>♥ Q10</li><li>◆ KQ6</li><li>★ A85</li></ul>
	<ul> <li>♠ 9</li> <li>♥ 765</li> <li>♦ J102</li> <li>♣ J107632</li> </ul>	

S	W	N	E
	1NT	P	2♥
P	2♠	P	3NT
Р	4♠	P	Р
P			

West plays in 4♠ South leads 8♥



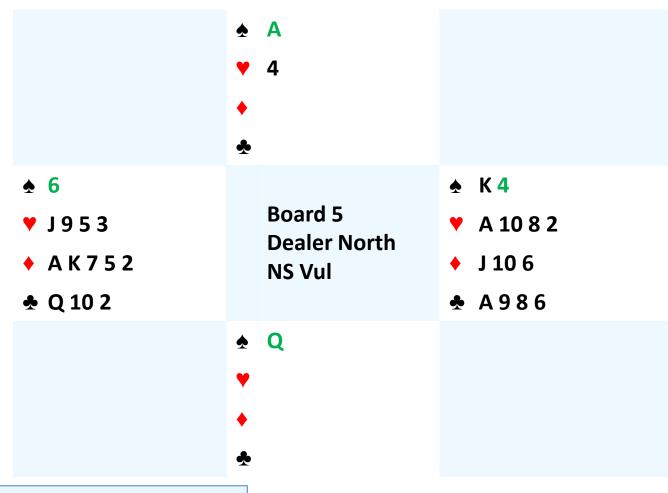
S	W	N	E
			1NT
X	2♣	3♣	Р
3NT	P	P	P

South plays in 3NT West leads 5♣

	<ul><li>♣ Q 10 9 7 3</li><li>♥ K J 8 6 5</li><li>♦ 10 8</li><li>♣ K</li></ul>	
<ul><li>▲ J86</li><li>♥ 972</li><li>♦ K3</li><li>♣ J9754</li></ul>	Board 42 Dealer East Both Vul	<ul><li>★ 542</li><li>♥ AQ10</li><li>◆ AJ764</li><li>★ 106</li></ul>
	<ul><li>♠ A K</li><li>♥ 43</li><li>♦ Q 9 5 2</li><li>♠ A Q 8 3 2</li></ul>	

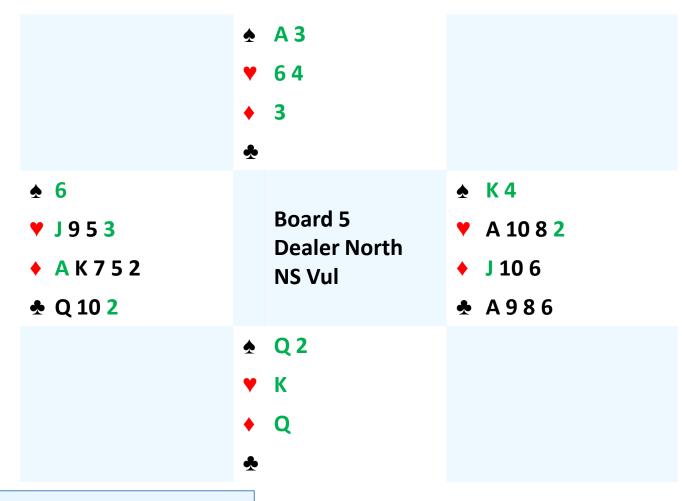
S	W	N	E
			1NT
X	2♣	3♣	Р
3NT	P	P	P

South plays in 3NT West leads 5♣



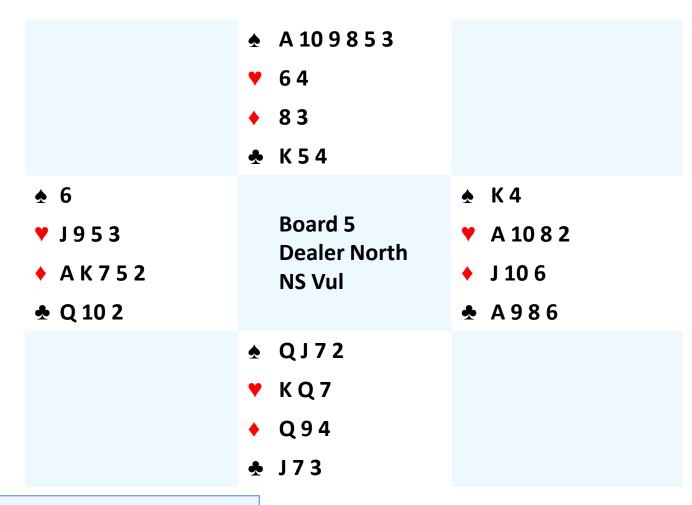
S	W	N	Ε
		<b>2</b> *	Р
2♥	Р	2♠	Р
Р	X	P	4♥
P	Р		
*=Multi			

East plays in 4♥
South leads Q♠. North wins and plays 4♥



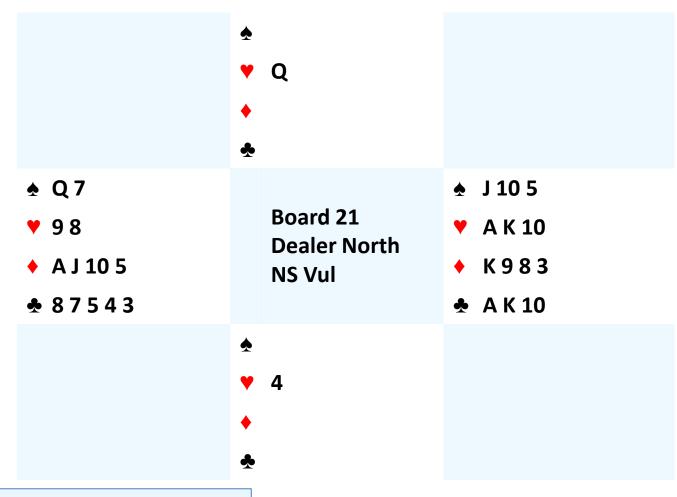
S	W	N	E
		<b>2</b> **	Р
2♥	P	2♠	Р
P	X	P	4♥
P	Р		
*=Multi			

East plays in 4♥
South leads Q♠. North wins and plays 4♥



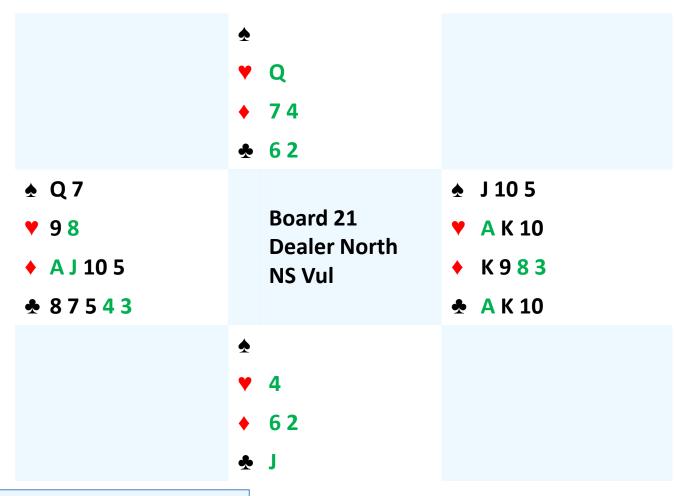


East plays in 4♥
South leads Q♠. North wins and plays 4♥



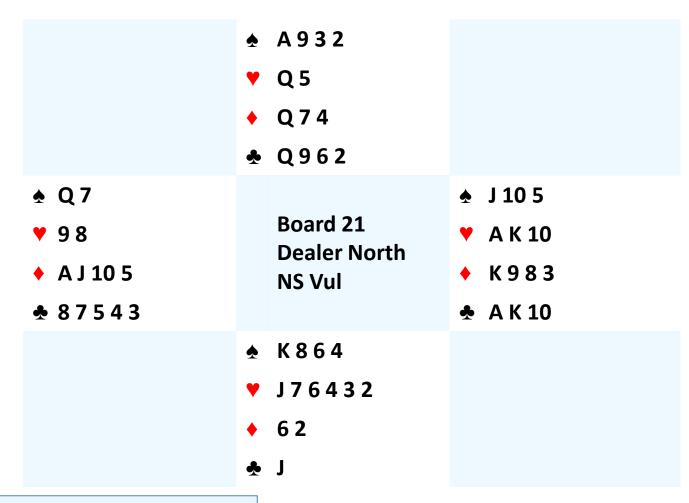
S	W	N	E
		Р	<b>1</b> •
Р	<b>3</b> ♦*	Р	3NT
P *=Weak	Р	Р	

East plays in 3NT South leads 4♥ to the 8♥, Q♥ and A♥



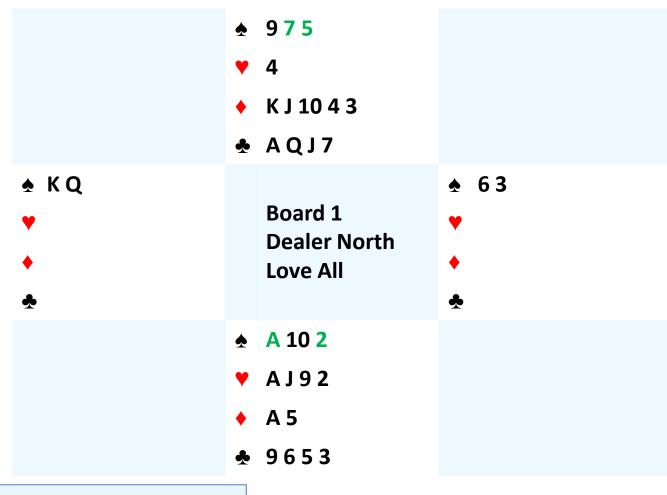
S	W	N	E
		P	<b>1</b> •
Р	<b>3</b> ♦*	P	3NT
Р	Р	Р	
*=Weak			

East plays in 3NT South leads 4♥ to the 8♥, Q♥ and A♥



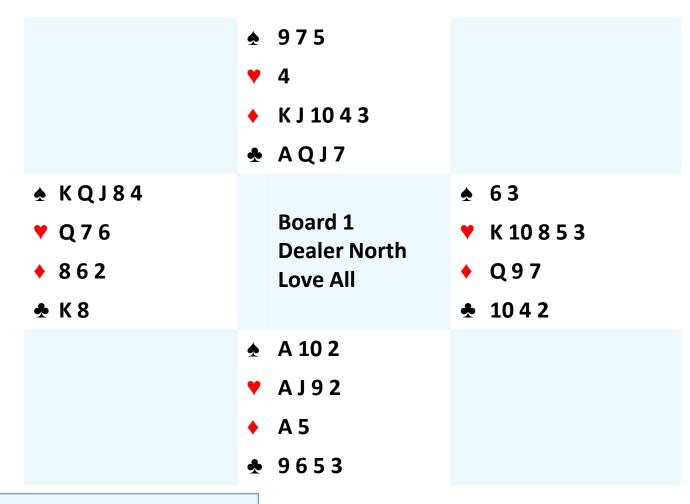
S	W	N	E
		Р	<b>1</b> •
Р	<b>3</b> ♦*	Р	3NT
Р	Р	Р	
*=Weak			

East plays in 3NT South leads 4♥ to the 8♥, Q♥ and A♥



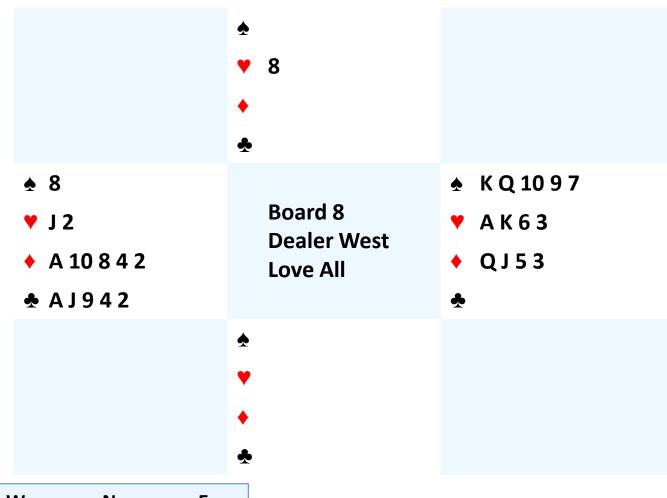
S	W	N	E
		<b>1</b> •	P
1♥	1♠	P	Р
X	Р	2♣	Р
3NT	P	P	P

South plays in 3NT West leads K♠



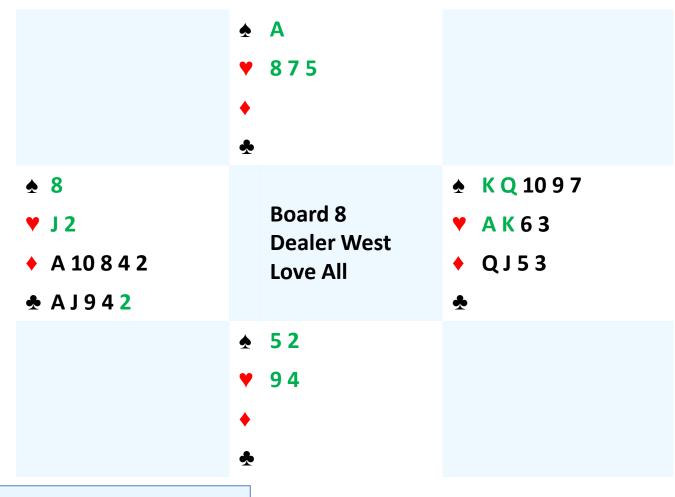
S	W	N	Ε
		<b>1</b> •	Р
1♥	1♠	P	P
X	Р	2♣	Р
3NT	P	Р	Р

South plays in 3NT West leads K♠



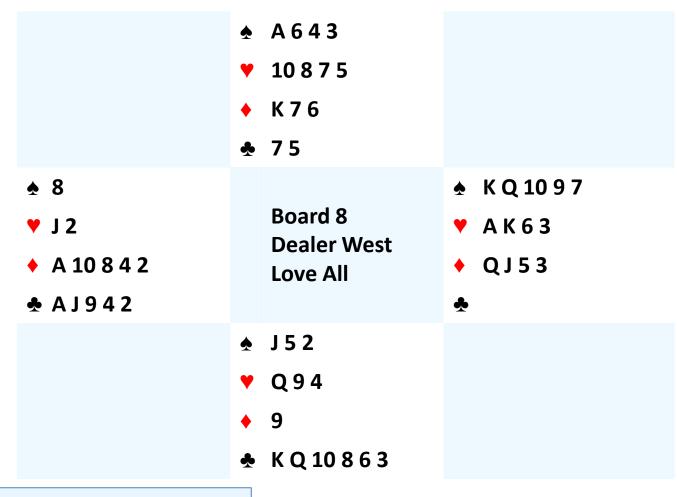
S	W	N	E
	<b>1</b> •	Р	1♠
Р	2♣	P	2♥
Р	3♣	P	4
Р	5♣	Р	5♦
P	P	P	

West plays in 5♦ North leads 8♥



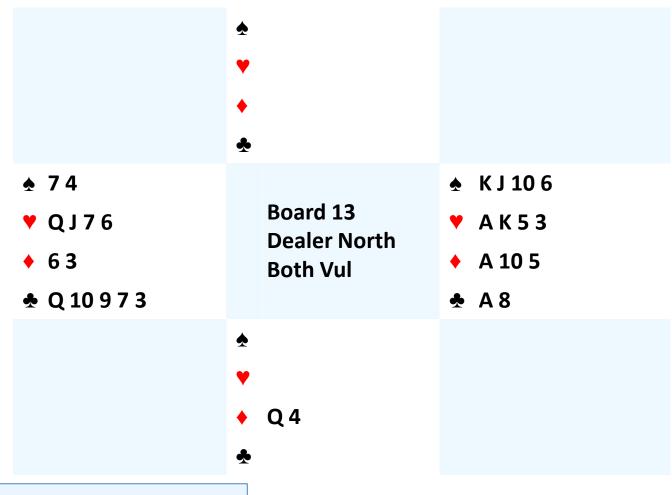
S	W	N	E
	<b>1</b> •	Р	1♠
P	2♣	P	2♥
Р	3♣	Р	4
Р	5♣	Р	5♦
P	P	Р	

West plays in 5♦
North leads 8♥

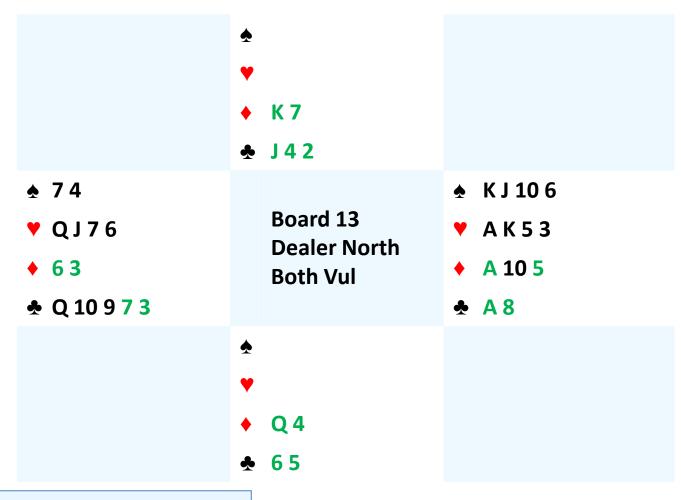


•	•	•	
Р	Р	Р	
Р	5♣	P	5♦
Р	3♣	Р	4
Р	2♣	Р	2♥
	<b>1</b> •	P	1♠
S	W	N	E

West plays in 5♦ North leads 8♥



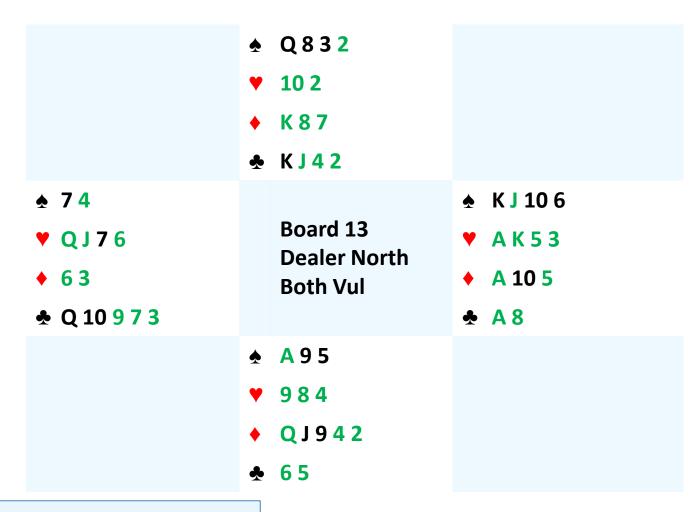
S	W	N	E
		P	<b>1</b>
Р	2♥	Р	2♠
Р	3♥	Р	<b>3</b> NT
Р	4♥	Р	P
P			



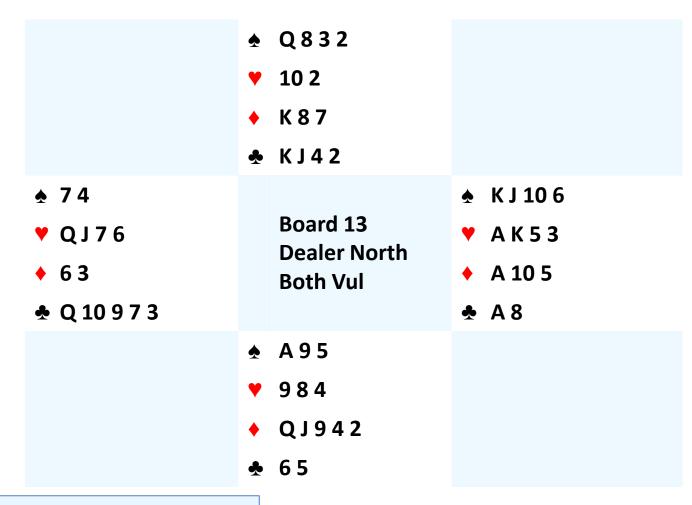
S	W	N	E
		Р	1♥
Р	2♥	Р	2♠
Р	3♥	Р	<b>3</b> NT
Р	4♥	Р	Р
Р			



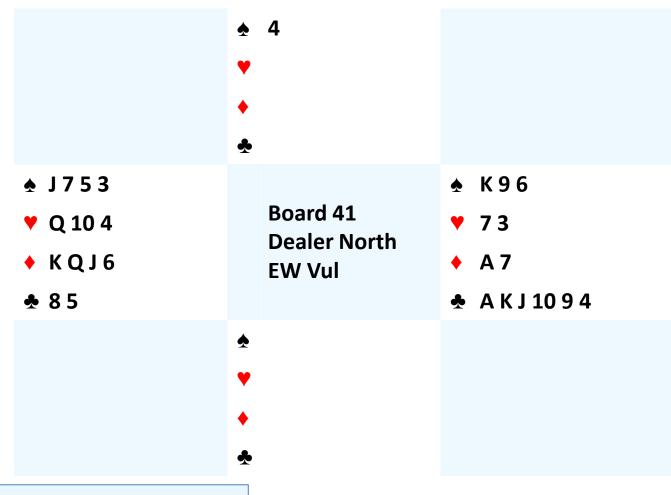
S	W	N	E
		Р	1♥
Р	2♥	Р	2♠
Р	3♥	Р	<b>3</b> NT
Р	4♥	Р	Р
P			



S	W	N	E
		Р	1♥
P	2♥	Р	2♠
P	3♥	Р	3NT
P	4♥	Р	Р
P			

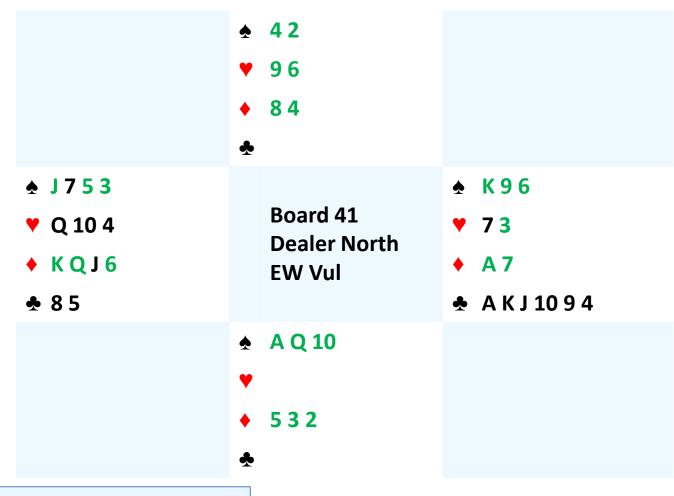


S	W	N	E
		P	1♥
Р	2♥	P	2♠
Р	3♥	P	<b>3</b> NT
Р	4♥	P	P
P			



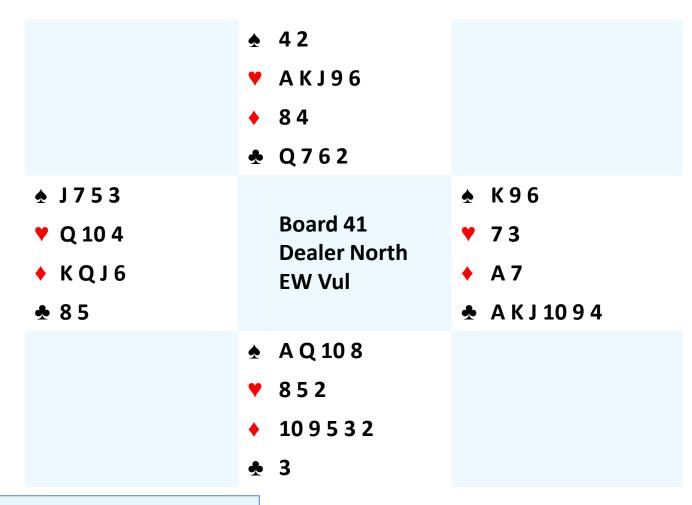
S	W	N	E
		Р	1♣
P	1♦	<b>1</b>	3♣
Р	3NT	Р	Р
Р			

West plays in 3NT South leads 4♠



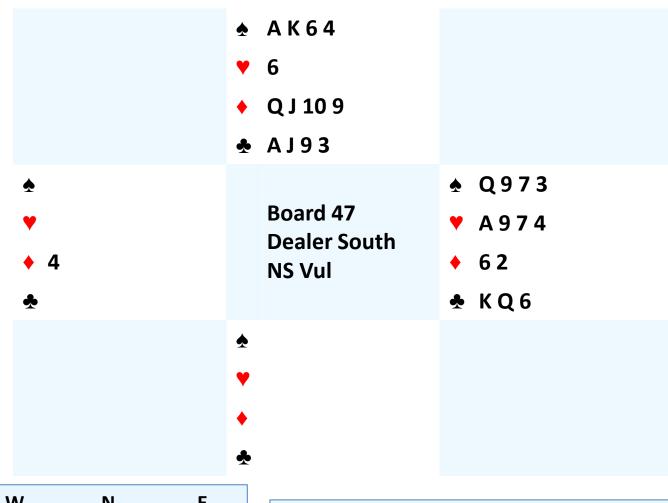
S	W	N	E
		P	1♣
Р	<b>1</b> •	<b>1Y</b>	3♣
Р	3NT	P	Р
P			

West plays in 3NT South leads 4♠

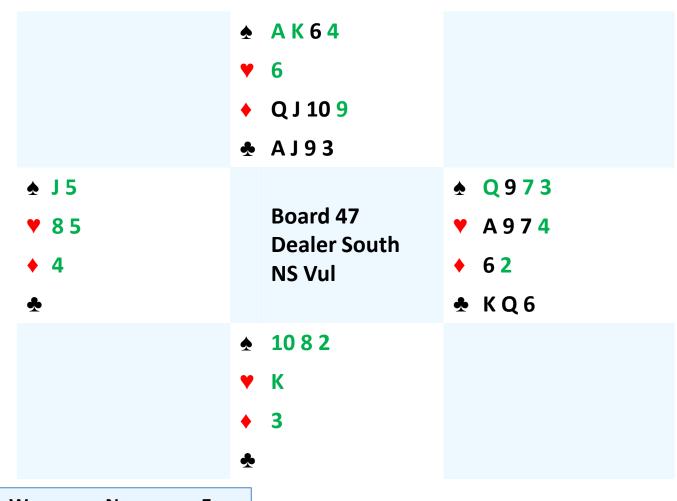


S	W	N	E
		P	1♣
Р	<b>1</b> •	<b>1</b>	3♣
Р	3NT	P	Р
Р			

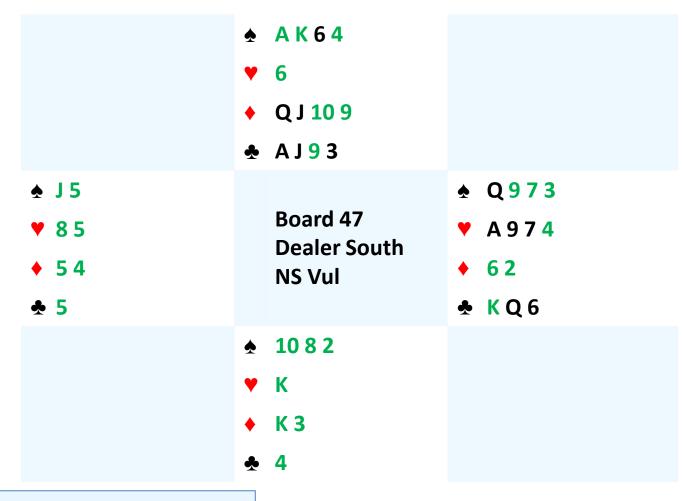
West plays in 3NT South leads 4♠



S	W	N	E
1•	Р	1♠	Р
1NT	Р	3♥	Р
3NT	Р	4♣	Р
4	Р	4♠	Р
5♦	P	P	P



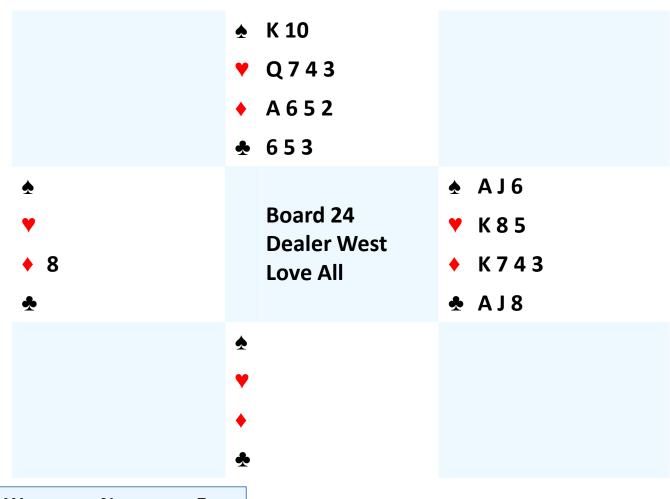
S	W	N	E
1•	Р	1♠	P
1NT	Р	3♥	Р
3NT	Р	4♣	Р
4	Р	4♠	P
5 <b>♦</b>	P	Р	P



S	W	N	E
1•	Р	1♠	Р
1NT	Р	3♥	P
3NT	Р	4♣	P
4•	Р	4♠	Р
5♦	Р	P	P

**★** AK64 **Y** 6 ♦ QJ109 ♣ AJ93 **♦** J5 **♠** Q973 **Board 47** ♥ J 10 8 5 **Y** A974 **Dealer South 754 62 NS Vul ★** 10875 **★** KQ6 **★** 1082 **∀** KQ32 ♦ AK83 **4** 42

S	W	N	E
1•	Р	1♠	Р
1NT	Р	3♥	Р
3NT	Р	4♣	Р
4•	Р	4♠	Р
<b>5\(\phi\)</b>	P	P	P



S	W	N	E
	P	Р	<b>1</b> •
2♣	P	2♦	Р
3♣	P	P	Р

South plays in 3♣ West leads 8♦



S	W	N	E
	P	Р	<b>1</b> •
2♣	P	2♦	P
3♣	P	P	P

South plays in 3♣ West leads 8♦

	<ul><li>★ K 10</li><li>♥ Q 7 4 3</li><li>◆ A 6 5 2</li><li>◆ 6 5 3</li></ul>	
<ul><li>♠ 98542</li><li>♥ J92</li><li>◆ Q108</li><li>♠ 74</li></ul>	Board 24 Dealer West Love All	<ul><li>▲ AJ6</li><li>♥ K85</li><li>◆ K743</li><li>▲ AJ8</li></ul>
	<ul><li>♠ Q73</li><li>♥ A106</li><li>♦ J9</li><li>♠ KQ1092</li></ul>	

S	W	N	E
	Р	Р	<b>1</b>
2♣	Р	2♦	P
3♣	Р	P	P

South plays in 3♣ West leads 8♦

## **Summary**

- 1 Always count distribution
- 2 Modify the pattern as play progresses
- 3 Draw Inferences from Play or Signals
- 4 Make Assumptions where necessary
- 5 Note any unexpected bids or plays