

0EA627BA61DC18CF293BC452CB47

Board 1

West Deals

N-S Vul

	♠ K 9 7 6		
	♥ 8 5 3 2		
	♦ 10 8		
	♣ 10 9 5		
♠ 10 8 5 3		♠ J 4 2	
♥ Q 6		♥ 10 9 4	
♦ J 4		♦ Q 9 7 6 3	
♣ K 8 6 3 2		♣ J 7	
	♠ A Q		
	♥ A K J 7		
	♦ A K 5 2		
	♣ A Q 4		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

0FAEA614FB50A55238DB6C7B4DC4

Board 2

West Deals

Both Vul

	♠ Q 7	
	♥ 3 2	
	♦ K Q 9 2	
	♣ Q 10 7 5 2	
♠ J 6 2		♠ 10 8 5 4 3
♥ J 7 4		♥ Q 10 8 6
♦ J 7 6 4		♦ 10 8
♣ J 6 4		♣ 9 3
	♠ A K 9	
	♥ A K 9 5	
	♦ A 5 3	
	♣ A K 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	3 ♣	Pass	4 NT ¹
Pass	5 ♣	Pass	5 ♦
Pass	5 NT	Pass	7 NT
Pass	Pass	Pass	

1. Blackwood 0314, for !C
7 N by South
Made 7 — NS +2220

1EA9D6A23C3EAC071A31DB99734F

Board 3

West Deals

N-S Vul

	♠ J 10 8 7 6	
	♥ 8 2	
	♦ J 10 9 2	
	♣ J 9	
♠ K 5		♠ 3 2
♥ J 10 6 3		♥ K 7 5 4
♦ Q 6 3		♦ A 7 5 4
♣ 8 5 3 2		♣ A 6 4
	♠ A Q 9 4	
	♥ A Q 9	
	♦ K 8	
	♣ K Q 10 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	1 ♦	Dbl
1 ♥	Pass	2 ♥	Dbl
Pass	2 ♠	Pass	3 ♥ ¹
Pass	4 ♠	Dbl	Pass
Pass	Pass		

1. limit raise or better in !S

4 ♠× by North

Made 4 — NS +790

1CA29063F52E045ED973C44719C0

Board 4

West Deals

None Vul

	♠ 10 9 3	
	♥ 9 5 4 2	
	♦ 7 3	
	♣ K 9 5 2	
♠ J 7 5 2		♠ Q 8 6 4
♥ J 6		♥ K 8 7 3
♦ J 9 5 4		♦ 10 8
♣ Q 6 4		♣ J 7 3
	♠ A K	
	♥ A Q 10	
	♦ A K Q 6 2	
	♣ A 10 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

1EA4886237614316189BFCBF45F8

Board 5

West Deals

N-S Vul

		♠ J 8 7	
		♥ K 9 3	
		♦ 5 4	
		♣ A K 7 5 2	
♠ 5 2			♠ Q 10 9 3
♥ J 5 4 2			♥ 8 7 6
♦ Q 10 9			♦ K 7 6 2
♣ J 9 6 4			♣ 10 3
		♠ A K 6 4	
		♥ A Q 10	
		♦ A J 8 3	
		♣ Q 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♣	Pass	1 ♠
Pass	1 NT	Pass	6 NT
Pass	Pass	Pass	
6 N by North			
Made 6 — NS +1440			

2FAEFE620FB4D9D9F85554853F94

Board 6

West Deals

Both Vul

	♠ J 3	
	♥ J 4	
	♦ 10 6 5 4 2	
	♣ 10 7 5 2	
♠ K 9 8 7		♠ Q 6 5
♥ K 10 7 3		♥ 9 8 6 5 2
♦ 9 8 7		♦ Q
♣ J 3		♣ 9 8 6 4
	♠ A 10 4 2	
	♥ A Q	
	♦ A K J 3	
	♣ A K Q	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +600			

3DFAB9B245CC3A67E4EC01131F48

Board 7

West Deals

E-W Vul

	♠ 9 5 4 3		
	♥ 4 3		
	♦ Q 5 4		
	♣ 10 7 6 2		
♠ A 10 7 6		♠ J 8 2	
♥ 8 7 6		♥ J 10 5 2	
♦ 10 6 3		♦ J 8 7	
♣ 8 4 3		♣ K J 5	
	♠ K Q		
	♥ A K Q 9		
	♦ A K 9 2		
	♣ A Q 9		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

3DBE6E1AF1B6310741C3E42CDD88

Board 8

West Deals

E-W Vul

	♠ Q 9 8 4	
	♥ Q 3	
	♦ J 9 7 6	
	♣ 5 4 2	
♠ J 6 5 3		♠ K 7
♥ K 5 4		♥ 8 7 6 2
♦ A K 4 3		♦ 10 8 5
♣ 8 6		♣ J 9 7 3
	♠ A 10 2	
	♥ A J 10 9	
	♦ Q 2	
	♣ A K Q 10	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
1 ♦	Pass	Pass	Dbl
1 ♠	Pass	Pass	Dbl
Pass	2 NT	Pass	3 NT
Pass	Pass	Pass	
3 N by North			
Made 3 — NS +400			

3DB8A80CF92EED56DE340657E651

Board 9

West Deals

E-W Vul

♠ J 9 7 3		♠ Q 10 6 5									
♥ K 10 9 3		♥ 8 7 4 2									
♦ Q 10 9 7		♦ 2									
♣ 4		♣ A K Q 6									
	<table><tbody><tr><td></td><td>N</td><td></td></tr><tr><td>W</td><td></td><td>E</td></tr><tr><td></td><td>S</td><td></td></tr></tbody></table>		N		W		E		S		
	N										
W		E									
	S										
		♠ 8 4 2									
		♥ Q 5									
		♦ 8 6 5 4 3									
		♣ J 9 2									
		♠ A K									
		♥ A J 6									
		♦ A K J									
		♣ 10 8 7 5 3									

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♣	Pass	2 ♣ ¹
Pass	2 NT	Pass	6 NT
Pass	Pass	Pass	

1. Inverted minors

6 N by North

Made 6 — NS +990

4DBE7A1BF824C60FD783742C4C42

Board 10

West Deals

E-W Vul

	♠ Q 10 8 4	
	♥ Q 7	
	♦ 6 2	
	♣ J 10 5 4 3	
♠ J 9 7		♠ K 5 3 2
♥ 10 4		♥ 9 8 6 3 2
♦ A 8 4 3		♦ 10 9 7 5
♣ Q 8 7 6		♣ —
	♠ A 6	
	♥ A K J 5	
	♦ K Q J	
	♣ A K 9 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +460			

4DBA7A10EA0F04A04DCB371EC46D

Board 11

West Deals

E-W Vul

	♠ Q 10 9 5 4	
	♥ Q 4	
	♦ Q 8	
	♣ Q 9 8 3	
♠ J 6 3		♠ K 7 2
♥ J 8 2		♥ 10 9 7 6 3
♦ 10 7 4 2		♦ 9 5 3
♣ 10 6 5		♣ 7 2
	♠ A 8	
	♥ A K 5	
	♦ A K J 6	
	♣ A K J 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

5CA28298CF7DFC49F07B156586C0

Board 12

West Deals

None Vul

	♠ 5	
	♥ K J 8 3 2	
	♦ Q 8 6	
	♣ Q 9 7 2	
♠ J 9 7 2	<div>W<div>NSE</div>S</div>	♠ 10 8 6 4
♥ 10 9 7 6		♥ Q 5
♦ 5 4 3		♦ J 10 9
♣ J 6		♣ 10 8 5 4
	♠ A K Q 3	
	♥ A 4	
	♦ A K 7 2	
	♣ A K 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♥	Pass	2 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

5CCEA213E6083F55349169D5DAB8

Board 13

West Deals

None Vul

	♠ Q 10 9 7	
	♥ A 10	
	♦ 10 5 3 2	
	♣ 10 7 2	
♠ A J 4 3		♠ 8 5
♥ 9 7 2		♥ Q 8 6 4 3
♦ J 8 7 4		♦ A 9
♣ Q 9		♣ 8 6 5 4
	♠ K 6 2	
	♥ K J 5	
	♦ K Q 6	
	♣ A K J 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♥	Dbl
Pass	2 ♠	Pass	2 NT
Pass	Pass	Pass	
2 N by South			
Made 3 — NS +150			

5EA6A73551100E01489768FFB3C9

Board 14

West Deals

N-S Vul

	♠ Q 10 9 8	
	♥ 9 8 7 2	
	♦ 9 4	
	♣ 10 7 5	
♠ 4 2		♠ J 7 5
♥ Q 4 3		♥ J 10 6
♦ J 10 8 3		♦ 7 5 2
♣ K 6 4 3		♣ Q J 8 2
	♠ A K 6 3	
	♥ A K 5	
	♦ A K Q 6	
	♣ A 9	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

6CAEA2E7397F84EC534FB4094856

Board 15

West Deals

None Vul

	♠ J 4	
	♥ 9 6 4 3	
	♦ J 4 3	
	♣ 9 8 5 3	
♠ Q 8		♠ 10 7 6 3 2
♥ J 10 5		♥ 7 2
♦ Q 9 5 2		♦ A 10 8 6
♣ Q 10 7 6		♣ J 4
	♠ A K 9 5	
	♥ A K Q 8	
	♦ K 7	
	♣ A K 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

6FAEFE0FA06318010BD1356677F2

Board 16

West Deals

Both Vul

	♠ Q 9 8 7 5	
	♥ Q 8 7	
	♦ 5 4 3	
	♣ J 9	
♠ K 6 2		♠ 10 4 3
♥ K 5 3 2		♥ 9 6
♦ 9 7		♦ J 10 8 6 2
♣ Q 10 7 3		♣ 8 6 5
	♠ A J	
	♥ A J 10 4	
	♦ A K Q	
	♣ A K 4 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +660			

6CA2AA17783815AA345C67D17513

Board 17

West Deals

None Vul

	♠ Q 10 9 7 2	
	♥ —	
	♦ K J 10 8	
	♣ J 10 7 6	
♠ 4		♠ J 6 5 3
♥ J 10 7 3		♥ Q 9 6 4 2
♦ Q 9 7 5 3		♦ 6
♣ Q 5 2		♣ 9 4 3
	♠ A K 8	
	♥ A K 8 5	
	♦ A 4 2	
	♣ A K 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

6E863EA912B8F0D9F0492B1CEDA7

Board 18

West Deals

N-S Vul

	♠ K J 5 4	
	♥ A 6	
	♦ K 4 3	
	♣ 10 9 7 4	
♠ 9 8 7 3		♠ 6
♥ K 10 9 7	W N E	♥ J 8 4
♦ J 9 7	S	♦ Q 10 8 6 5
♣ 5 2		♣ Q 8 6 3
	♠ A Q 10 2	
	♥ Q 5 3 2	
	♦ A 2	
	♣ A K J	


West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♦	Dbl
Pass	3 ♣	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 6 — NS +690			

7CAEA14EE0437FCCDBD7B96898C4

Board 19

West Deals

None Vul

	♠ —	
	♥ Q 10 8 2	
	♦ 7 5 4 3	
	♣ J 8 4 3 2	
♠ J 8 7 6 2		♠ Q 10 9 4
♥ 9 5		♥ 7 6 3
♦ 6 2		♦ A Q 9 8
♣ 10 9 7 6		♣ K 5
	♠ A K 5 3	
	♥ A K J 4	
	♦ K J 10	
	♣ A Q	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

7D9AD84A35A2904EF7ED539F40E5

Board 20

West Deals

E-W Vul

	♠ J	
	♥ A K 9 5 4	
	♦ 10 9 5 3	
	♣ K 9 3	
♠ K 7 6 2		♠ Q 8 5 3
♥ 10 6 2	W N E	♥ Q 8 3
♦ 8 6 4		♦ J 7 2
♣ 7 5 4		♣ J 6 2
	♠ A 10 9 4	
	♥ J 7	
	♦ A K Q	
	♣ A Q 10 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♥	Pass	1 ♠
Pass	2 ♦	Pass	3 ♣ ¹
Pass	3 NT	Pass	6 NT
Pass	Pass	Pass	

1. Fourth suit game force
6 N by North
Made 6 — NS +990

7DB6FBB802222774D54EA1632D53

Board 21

West Deals

E-W Vul

		♠ J 10 9 3	
		♥ 7 2	
		♦ J 10 5 4 2	
		♣ Q 8	
♠ K 7			♠ 8 6 4 2
♥ 10 9 5 4 3			♥ J 6
♦ 6 3			♦ A 9 8 7
♣ K 9 4 2			♣ 7 5 3
		♠ A Q 5	
		♥ A K Q 8	
		♦ K Q	
		♣ A J 10 6	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

7CAE228656594B983341D7F8C135

Board 22

West Deals

None Vul

	♠ K 7 2	
	♥ Q 9 6 3	
	♦ 10 9 8 4	
	♣ 8 4	
♠ 5 4 3		♠ J 10 9 6
♥ 7 4 2		♥ J 10 8 5
♦ Q J 5 2		♦ A
♣ 9 7 5		♣ 10 6 3 2
	♠ A Q 8	
	♥ A K	
	♦ K 7 6 3	
	♣ A K Q J	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +460			

7EADA28B34D0744B66D91708CBC7

Board 23

West Deals

N-S Vul

	♠ J 5 4	
	♥ Q 8 4 3 2	
	♦ A	
	♣ J 10 9 4	
♠ 10 6 3 2	<div>W<div>NSE</div>S</div>	♠ 9 8 7
♥ J 9		♥ 10 6 5
♦ K 10		♦ Q 8 6 4 3
♣ Q 8 5 3 2		♣ A 6
	♠ A K Q	
	♥ A K 7	
	♦ J 9 7 5 2	
	♣ K 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♦	Pass
Pass	Pass		

2 ♦ by East

Down 4 — NS +200

8FA96DCE9A07D41D3E77F247502B

Board 24

West Deals

Both Vul

	♠ 10 8 7 2	
	♥ Q 10 4	
	♦ 10 9 6 4	
	♣ 9 3	
♠ Q 9 5		♠ K 6 4 3
♥ 7 6 5		♥ J 9 8 3
♦ A J 2		♦ 5 3
♣ 10 6 4 2		♣ A K 8
	♠ A J	
	♥ A K 2	
	♦ K Q 8 7	
	♣ Q J 7 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	1 ♣	Dbl
Pass	1 ♠	Pass	1 NT
Pass	Pass	Pass	
1 N by South			
Made 1 — NS +90			

8D8ABEF257C901646E11A8F7E413

Board 25

West Deals

E-W Vul

	♠ 9 6 2	
	♥ J 6 2	
	♦ Q 9 6 2	
	♣ 8 5 3	
♠ Q 10 4 3		♠ J 8 7
♥ 8 7 5 3		♥ A 10 9
♦ K 7		♦ J 8 4 3
♣ J 4 2		♣ 10 9 6
	♠ A K 5	
	♥ K Q 4	
	♦ A 10 5	
	♣ A K Q 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

8CA68E0A49E3B8017BDBD536539D

Board 26

West Deals

None Vul

	♠ Q 8 4	
	♥ K Q J 8	
	♦ Q J 9 7 6	
	♣ 9	
♠ 10 6 5		♠ J 7 3
♥ 9 7 4		♥ 6 5 3 2
♦ A 5 4		♦ K 2
♣ 10 7 6 3		♣ J 8 5 2
	♠ A K 9 2	
	♥ A 10	
	♦ 10 8 3	
	♣ A K Q 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♦	Pass	1 ♠
Pass	1 NT	Pass	6 NT
Pass	Pass	Pass	
6 N by North			
Down 1 — NS -50			

8CE262911E70F68F4C3BD9FB884F

Board 27

West Deals

None Vul

	♠ J 6	
	♥ 8 7 3 2	
	♦ 6 5 4 3	
	♣ 10 7 3	
♠ A 9 5 4		♠ K 10 7 2
♥ 10 9 6 4		♥ Q J 5
♦ 9		♦ J 8 7 2
♣ 8 6 4 2		♣ Q 5
	♠ Q 8 3	
	♥ A K	
	♦ A K Q 10	
	♣ A K J 9	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +400			

9FAECE60983789475B530711FAAC

Board 28

West Deals

Both Vul

	♠ 10 5 4	
	♥ K 9 8 5	
	♦ 10 8 5	
	♣ Q J 2	
♠ K 3		♠ Q 8 7 6
♥ 10 3		♥ J 7 6 4
♦ J 9 7 3		♦ Q 6 4
♣ 10 8 7 6 5		♣ 9 4
	♠ A J 9 2	
	♥ A Q 2	
	♦ A K 2	
	♣ A K 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	Pass
Pass			

1. Quantitative 4 NT

4 N by South

Made 5 — NS +660

9F2E21CEB09C355C0FF8039B597A

Board 29

West Deals

Both Vul

		♠ A K 9 7 5	
		♥ Q 7 5	
		♦ 9	
		♣ J 10 8 6	
♠ Q 6			♠ 8 3 2
♥ J 9 6 2			♥ 10 8 4 3
♦ 6 4 3 2			♦ K J 5
♣ 7 5 4			♣ K 9 3
		♠ J 10 4	
		♥ A K	
		♦ A Q 10 8 7	
		♣ A Q 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♠	Pass	2 ♦
Pass	2 NT	Pass	3 ♠
Pass	4 ♠	Pass	4 NT ¹
Pass	5 ♥	Pass	5 NT ²
Pass	6 ♣	Pass	6 ♠
Pass	Pass	Pass	

1. Blackwood 0314, for !S

2. King ask by 5 NT

6 ♠ by North

Made 6 — NS +1430

AE36EA96FD90BC7EDD015B0CD663

Board 30

West Deals

N-S Vul

	♠ A 6 4	
	♥ 6 4	
	♦ J 9 8 7 4	
	♣ 10 9 4	
♠ K J 7 3		♠ 8 5 2
♥ A J 9 8		♥ Q 10 7 5 3
♦ 10 6 2		♦ K 5
♣ 5 2		♣ J 7 6
	♠ Q 10 9	
	♥ K 2	
	♦ A Q 3	
	♣ A K Q 8 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♥	Dbl
Pass	2 NT ¹	Pass	3 NT
4 ♥	Dbl	Pass	Pass
Pass			

1. Lebensohl after double

4 ♥× by East

Down 3 — NS +500

ACA00361C35FBC85C02D56C9773A

Board 31

West Deals

None Vul

	♠ K 6 2	
	♥ K J 8 7 4	
	♦ 4 2	
	♣ A 9 7	
♠ J 7 4		♠ Q 10 5 3
♥ 9 3 2		♥ 10 5
♦ 8 5 3		♦ 10 9 6
♣ K J 10 3		♣ Q 8 6 4
	♠ A 9 8	
	♥ A Q 6	
	♦ A K Q J 7	
	♣ 5 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♥	Pass	2 ♦
Pass	2 NT	Pass	3 ♥
Pass	3 ♠ ¹	Pass	3 NT ²
Pass	4 ♣ ³	Pass	4 NT ⁴
Pass	5 ♥	Pass	7 NT
Pass	Pass	Pass	

1. Cue bid, a !S stopper
2. Cue bid, surplus
3. Cue bid, a !C stopper
4. Blackwood 0314, for !H

7 N by North

Down 1 — NS -50

BD9A3AB42EE2CDC56541CFB32210

Board 32

West Deals

E-W Vul

	♠ K J 3 2	
	♥ A 2	
	♦ 10 6 4 3 2	
	♣ Q 2	
♠ 10 9 8 5		♠ 7 6
♥ J 10 7 3	W N E	♥ 9 8 6 5
♦ J 9 5	S	♦ Q 8 7
♣ 5 4		♣ 9 8 7 6
	♠ A Q 4	
	♥ K Q 4	
	♦ A K	
	♣ A K J 10 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 NT	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by North			
Made 7 — NS +1020			

BDBA8A11D7E54C0B1E33AB54C38D

Board 33

West Deals

E-W Vul

	♠ Q 8 7 6	
	♥ Q J 7 4	
	♦ Q 6 3	
	♣ 9 4	
♠ J 10 3		♠ 9 4
♥ 10 5		♥ K 9 8 3 2
♦ 9 7 2		♦ J 10 4
♣ J 8 6 5 3		♣ Q 10 2
	♠ A K 5 2	
	♥ A 6	
	♦ A K 8 5	
	♣ A K 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

BEA61EE756BDF82DCA8FC358C853

Board 34

West Deals

N-S Vul

	♠ K 8	
	♥ 7 6 5 3	
	♦ K 10 8 6	
	♣ 9 4 3	
♠ Q 9 7 5 3		♠ J 4 2
♥ 10 9		♥ K J 4 2
♦ 5 2		♦ 9 7 4 3
♣ Q 6 5 2		♣ 10 8
	♠ A 10 6	
	♥ A Q 8	
	♦ A Q J	
	♣ A K J 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	Pass
Pass			

1. Quantitative 4 NT

4 N by South

Made 5 — NS +660

BEBAAECD4094F71B4D8112EBBEB

Board 35

West Deals

N-S Vul

	♠ 10 5 4	
	♥ 10 9	
	♦ K Q 9 4	
	♣ Q J 7 6	
♠ Q J 6 2		♠ 9 8
♥ A 8 7 3		♥ J 6 5
♦ 8 5		♦ A 10 6 3 2
♣ 9 3 2		♣ 10 8 5
	♠ A K 7 3	
	♥ K Q 4 2	
	♦ J 7	
	♣ A K 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♦	Dbl
Pass	2 NT ¹	Pass	3 ♦ ²
Pass	3 NT	Pass	Pass
Pass			

1. Lebensohl after double

2. artificial

3 N by North

Made 4 — NS +630

CCAAA2C591FDFC7A284C734FE8D4

Board 36

West Deals

None Vul

	♠ 7	
	♥ Q 6 4	
	♦ A 8 7 3	
	♣ 9 7 6 3 2	
♠ Q 10 9 3 2		♠ 8 6 5 4
♥ 10 9 8 5		♥ J 2
♦ Q 2		♦ 10 9 6 4
♣ 5 4		♣ Q J 10
	♠ A K J	
	♥ A K 7 3	
	♦ K J 5	
	♣ A K 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

CEAC35A6DA483D6C7BB12BC3B10A

Board 37

West Deals

N-S Vul

		♠ K 9 5 2	
		♥ 10 4 2	
		♦ A 9 8	
		♣ A 10 8	
♠ J 4			♠ 10 8 7
♥ K 9 7 6 3			♥ J
♦ 6 4 3			♦ J 10 7 5 2
♣ 7 5 4			♣ K 9 6 3
		♠ A Q 6 3	
		♥ A Q 8 5	
		♦ K Q	
		♣ Q J 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♣	Pass	1 ♥
Pass	1 ♠	Pass	4 NT ¹
Pass	5 ♣	Pass	5 NT ²
Pass	6 ♣	Pass	6 ♠
Pass	Pass	Pass	

1. Blackwood 0314, for !S

2. King ask by 5 NT

6 ♠ by North

Made 6 — NS +1430

CD3AFE2AB943055CDB94AFCC4354

Board 38

West Deals

E-W Vul

	♠ A Q 9	
	♥ 8 7 6 2	
	♦ 10 3	
	♣ 8 6 4 2	
♠ K 7 4		♠ 10 8 3 2
♥ Q 5		♥ 10 9 4 3
♦ K 8 5 4		♦ 9 6 2
♣ 10 7 5 3		♣ J 9
	♠ J 6 5	
	♥ A K J	
	♦ A Q J 7	
	♣ A K Q	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	Pass
Pass			

1. Quantitative 4 NT

4 N by South

Made 5 — NS +460

Board 39

N-S Vul

♥ J 2

♦ 9 6 4 3

♣ Q 6 4

♠ J 10 3

♥ K Q 6 4

♦ 10 2

♣ 10 9 8 3

♠ K 9 6

♥ 10 9 8 7 5

♦ 75

♣ J 7 2

♠ A 5 2

♥ A 3

♦ A K Q J 8

♣ A K 5

West

North

East

South

EPBot4

EPBot1

EPBot2

EPBot3

Pass

Pass

Pass

2 ♣

Pass

2 ♦

Pass

3 NT

Pass

Pass

Pass

3 N by South

Made 4 — NS +630

CCA39EF4805FA059FB2A331444DD

Board 40

West Deals

None Vul

	♠ 6 5 4		
	♥ J 3		
	♦ 8 7 6		
	♣ Q J 9 4 3		
♠ Q 7 2			♠ 10 8 3
♥ Q 7 5			♥ K 10 8 4 2
♦ Q 4 3			♦ K 10 2
♣ A 10 7 5			♣ 8 2
	♠ A K J 9		
	♥ A 9 6		
	♦ A J 9 5		
	♣ K 6		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♥	Dbl
Pass	2 NT ¹	Pass	3 NT
Pass	Pass	Pass	

1. Lebensohl after double

3 N by North

Down 1 — NS -50

DE6650A4D610D3F96C3CBDC53AC5

Board 41

West Deals

N-S Vul

		♠ 10 6 3	
		♥ 4 2	
		♦ 7 6 5	
		♣ K Q 10 7 6	
♠ J 9 8 4 2			♠ A K 7
♥ 8 6 5 3			♥ K J 10 9
♦ K 10 9			♦ 8 3
♣ 9			♣ 8 5 4 2
		♠ Q 5	
		♥ A Q 7	
		♦ A Q J 4 2	
		♣ A J 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	1 ♣	Dbl
Pass	Pass	Pass	

1 ♣× by East

Down 3 — NS +500

DE8E64B7D61C4881FACB7F2DD26B

Board 42

West Deals

N-S Vul

	♠ 10 4	
	♥ A 9 8 6	
	♦ A 10 5 4	
	♣ K 10 9	
♠ J 7 6 3		♠ K 9 5 2
♥ Q 7 5		♥ J 10 3
♦ 8 3		♦ 9 7 6 2
♣ Q 6 5 2		♣ 8 4
	♠ A Q 8	
	♥ K 4 2	
	♦ K Q J	
	♣ A J 7 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♦	Pass	2 ♣
Pass	2 ♦	Pass	3 ♦
Pass	3 NT	Pass	4 NT ¹
Pass	5 ♥	Pass	5 NT ²
Pass	6 ♦	Pass	6 NT
Pass	Pass	Pass	

1. Blackwood 0314, for !D

2. King ask by 5 NT

6 N by North

Made 6 — NS +1440

DC2213A54A7905ABC216EF79574B

Board 43

West Deals

None Vul

		♠ A K 9 6	
		♥ J 9 7 2	
		♦ J 10 8 4 2	
		♣ —	
♠ 7 5			♠ J 10 4 3 2
♥ 10 4			♥ K 6 3
♦ Q 9 6 3			♦ 5
♣ K 8 5 3 2			♣ Q 10 9 4
		♠ Q 8	
		♥ A Q 8 5	
		♦ A K 7	
		♣ A J 7 6	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♠	Dbl
Pass	3 ♦	Pass	3 ♠ ¹
Pass	4 ♦	Pass	4 ♠ ²
Pass	4 NT ³	Pass	5 ♦
Pass	5 ♥	Pass	6 ♦
Pass	Pass	Pass	

1. strength cue bid

2. limit raise or better in !D

3. Blackwood 0314, for !D

6 ♦ by North

Made 6 — NS +920

DF8EACC6A278F85D0053E9C723D0

Board 44

West Deals

Both Vul

	♠ 7 3		
	♥ A Q 7 4		
	♦ Q 4		
	♣ K 10 9 7 2		
♠ Q 9 5 4 2			♠ 10 8 6
♥ 10 9			♥ 8 6 2
♦ 10 9 5			♦ J 7 6 3 2
♣ 6 4 3			♣ 8 5
	♠ A K J		
	♥ K J 5 3		
	♦ A K 8		
	♣ A Q J		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	3 ♣	Pass	4 NT ¹
Pass	5 ♥	Pass	5 NT ²
Pass	6 ♣	Pass	7 ♣
Pass	Pass	Pass	

1. Blackwood 0314, for !C

2. King ask by 5 NT

7 ♣ by South

Made 7 — NS +2140

ECA24392C432DB53396FF9598C3B

Board 45

West Deals

None Vul

	♠ 10 7 2	
	♥ K J 3	
	♦ 9 7 5 4 2	
	♣ J 3	
♠ J 9 5		♠ K 8 6 4
♥ 10 7 5 2		♥ Q 9 8 4
♦ J		♦ 6 3
♣ K 9 8 6 2		♣ 7 5 4
	♠ A Q 3	
	♥ A 6	
	♦ A K Q 10 8	
	♣ A Q 10	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +460			

EE862AA7553C1CF6DDA8531371CF

Board 46

West Deals

N-S Vul

	♠ K 10 9 4	
	♥ A 2	
	♦ 10 9 7 2	
	♣ 10 9 6	
♠ 8 7 2		♠ J 5 3
♥ 10 8 3		♥ J 9 7 5 4
♦ 5 4 3		♦ K 6
♣ Q 5 4 2		♣ J 7 3
	♠ A Q 6	
	♥ K Q 6	
	♦ A Q J 8	
	♣ A K 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 NT	Pass	3 NT
Pass	Pass	Pass	
3 N by North			
Made 6 — NS +690			

EDB2F8B98A0FC05363D80766E4C1

Board 47

West Deals

E-W Vul

	♠ 10 5	
	♥ 8 6	
	♦ A 9 8 7 2	
	♣ K 9 6 3	
♠ K 9 6 3 2		♠ 8 7 4
♥ 7 4 3		♥ J 10 9 5 2
♦ 10		♦ 5 4 3
♣ 10 8 7 5		♣ Q 2
	♠ A Q J	
	♥ A K Q	
	♦ K Q J 6	
	♣ A J 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	3 ♦	Pass	4 NT ¹
Pass	5 ♦	Pass	6 NT
Pass	Pass	Pass	

1. Blackwood 0314, for !D
6 N by South
Made 6 — NS +990

FC9ED2E0EA75C913B746851C788C

Board 48

West Deals

None Vul

	♠ 8 4	
	♥ 9 6 5 2	
	♦ J 9 3	
	♣ Q 4 3 2	
♠ K Q J 9		♠ 10 6 3
♥ 10 7 3		♥ A K 8 4
♦ 10 7 6 5		♦ A 4 2
♣ 8 7		♣ 10 9 5
	♠ A 7 5 2	
	♥ Q J	
	♦ K Q 8	
	♣ A K J 6	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	1 ♣	Dbl
1 ♠	Pass	1 NT	Pass
Pass	Pass		
1 N by East			
Down 2 — NS +100			

FC62A3831E137D5F01C8C574F688

Board 49

West Deals

None Vul

	♠ J 10 7	
	♥ Q 7 6 5 2	
	♦ 6 2	
	♣ 6 4 2	
♠ 6 5 3		♠ A 9 8 4
♥ 9 4 3		♥ J 10 8
♦ 5 4 3		♦ J 9 8
♣ K Q 10 8		♣ 9 7 5
	♠ K Q 2	
	♥ A K	
	♦ A K Q 10 7	
	♣ A J 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

0EA6AACC72295B570DCBF43C6F77

Board 50

West Deals

N-S Vul

	♠ 10 7 4	
	♥ Q 7 6	
	♦ Q 7 4 3	
	♣ Q 5 4	
♠ Q 6 5		♠ J 9 8 3 2
♥ J 5 4 2		♥ 9 8
♦ J		♦ K 10 9 6
♣ 9 8 6 3 2		♣ 10 7
	♠ A K	
	♥ A K 10 3	
	♦ A 8 5 2	
	♣ A K J	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	6 NT
Pass	Pass	Pass	

1. Quantitative 4 NT

6 N by South

Made 6 — NS +1440

0EA496EA4DF449133FCB709F40AA

Board 51

West Deals

N-S Vul

	♠ 8 7		
	♥ J 9 6 3		
	♦ J 7 4		
	♣ A 10 5 3		
♠ Q 10 6			♠ J 9 5 3
♥ 10 7 5			♥ K 8 4
♦ 8 5 3			♦ Q 9 6 2
♣ 8 7 6 4			♣ J 9
	♠ A K 4 2		
	♥ A Q 2		
	♦ A K 10		
	♣ K Q 2		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	Pass
Pass			

1. Quantitative 4 NT
4 N by South
Made 5 — NS +660

0FADEE4CEC46F90B63C219771097

Board 52

West Deals

Both Vul

	♠ 8 5 3	
	♥ Q 10 8 6	
	♦ 10 4 2	
	♣ Q J 3	
♠ K J 9 6		♠ Q 10 7 4
♥ 9 4		♥ 5 3 2
♦ 9 8 5		♦ 7 6 3
♣ 8 7 4 2		♣ A 9 5
	♠ A 2	
	♥ A K J 7	
	♦ A K Q J	
	♣ K 10 6	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +660			

0CA6A12772CEBB4F49118C1F35F8

Board 53

West Deals

None Vul

	♠ Q 6 4 3	
	♥ 10 8 7 5	
	♦ 9 7 2	
	♣ 5 2	
♠ 10 2		♠ J 8 7
♥ J 9 3 2		♥ 6 4
♦ A Q 3		♦ 10 8 5 4
♣ Q 9 8 4		♣ K 7 6 3
	♠ A K 9 5	
	♥ A K Q	
	♦ K J 6	
	♣ A J 10	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +400			

1E6406E7AD433DE3D1C64B4D3E99

Board 54

West Deals

N-S Vul

	♠ K 9 3		
	♥ K 10 6 5 4		
	♦ J 9 4 3		
	♣ A		
♠ Q 8 7 6		♠ A 10 5 4	
♥ 9 3		♥ 7 2	
♦ 10 8 7		♦ 5 2	
♣ Q 10 8 5		♣ J 9 7 4 2	
	♠ J 2		
	♥ A Q J 8		
	♦ A K Q 6		
	♣ K 6 3		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♥	Pass	2 NT ¹
Pass	4 ♥	Pass	4 NT ²
Pass	5 ♥	Pass	Pass
Pass			

1. Jacoby 2 NT

2. Blackwood 0314, for !H

5 ♥ by North

Made 6 — NS +680

2EA6EA17CE817001FC984EF1552B

Board 55

West Deals

N-S Vul

	♠ Q 8 2	
	♥ J 10 8 5	
	♦ J 7 5	
	♣ 9 7 6	
♠ K J 7 4		♠ 9 5 3
♥ 9 7 4		♥ Q 6 3
♦ 10 9 8 4		♦ K 6 2
♣ Q 2		♣ 10 8 4 3
	♠ A 10 6	
	♥ A K 2	
	♦ A Q 3	
	♣ A K J 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

2EA6B2E45F9F5DD92F34F0A8C94F

Board 56

West Deals

N-S Vul

	♠ 7 6	
	♥ 3 2	
	♦ J 10 9 7 2	
	♣ Q 6 5 4	
♠ Q 8 5 3		♠ J 9 2
♥ K 6 5		♥ J 10 9 8
♦ K 5		♦ 8 4 3
♣ J 10 7 2		♣ 9 8 3
	♠ A K 10 4	
	♥ A Q 7 4	
	♦ A Q 6	
	♣ A K	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

2D9B928EB1E27D05D0EB64717F24

Board 57

West Deals

E-W Vul

	♠ 8 2		
	♥ A K 7		
	♦ K J 10 7 4		
	♣ 7 5 2		
♠ 10 7 6		♠ 9 5 4 3	
♥ 10 6 5 2		♥ Q 8	
♦ Q 9 3		♦ 8 5 2	
♣ A 6 3		♣ J 9 8 4	
	♠ A K Q J		
	♥ J 9 4 3		
	♦ A 6		
	♣ K Q 10		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♦	Pass	1 ♥
Pass	1 NT	Pass	4 NT ¹
Pass	6 NT	Pass	Pass
Pass			

1. Quantitative 4 NT
6 N by North
Made 6 — NS +990

3CE3E24D825C393C42C769B4D729

Board 58

West Deals

None Vul

	♠ 9 8 2	
	♥ Q J 7 6	
	♦ 9 5 2	
	♣ 10 8 4	
♠ A K 6 3		♠ Q 10 7 5
♥ 9 8 4		♥ 10 3
♦ 6 4 3		♦ Q 10 8
♣ A 6 3		♣ Q 9 5 2
	♠ J 4	
	♥ A K 5 2	
	♦ A K J 7	
	♣ K J 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
1 ♣	Pass	1 ♠	Dbl
2 ♠	Pass	Pass	Dbl
Pass	3 ♥	Pass	Pass
Pass			
3 ♥ by North			
Made 3 — NS +140			

3D3A33AE3FD05B576AEC744D9506

Board 59

West Deals

E-W Vul

	♠ A K J 2	
	♥ 10 9 8 3	
	♦ K 10	
	♣ 10 6 5	
♠ 10 6		♠ 9 8 7 5 4
♥ Q 7 6		♥ 4 2
♦ Q J 6 4		♦ 8 5 3 2
♣ K J 9 8		♣ 4 3
	♠ Q 3	
	♥ A K J 5	
	♦ A 9 7	
	♣ A Q 7 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♣	Pass	1 ♥
Pass	2 ♥	Pass	2 NT ¹
Pass	3 ♦ ²	Pass	3 ♠ ³
Pass	4 ♥	Pass	4 NT ⁴
Pass	5 ♦	Pass	5 ♠
Pass	6 ♥	Pass	Pass
Pass			

1. Cue bid, surplus
2. Cue bid, a !D stopper
3. Cue bid, a !C stopper
4. Blackwood 0314, for !H

6 ♥ by South

Made 6 — NS +980

3CACB2626E3BD4B40CFD438B5539

Board 60

West Deals

None Vul

		♠ 10 7 2	
		♥ 7 5 4	
		♦ 10 4 2	
		♣ A 9 8 7	
♠ 9 6			♠ Q J 5 3
♥ K 10 8 6 2			♥ 9 3
♦ 9 8 3			♦ A J 7 6
♣ 10 5 4			♣ 6 3 2
		♠ A K 8 4	
		♥ A Q J	
		♦ K Q 5	
		♣ K Q J	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

3E66A71536EBC31B506BFECD8D08

Board 61

West Deals

N-S Vul

	♠ Q J 8 2	
	♥ 9 4 3 2	
	♦ 5 4 3	
	♣ 7 2	
♠ 10 9 5 4		♠ A 7 6
♥ J 5		♥ Q 8 7
♦ 9 7		♦ 10 8 6 2
♣ K 10 9 8 6		♣ Q 4 3
	♠ K 3	
	♥ A K 10 6	
	♦ A K Q J	
	♣ A J 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +600			

4EA61683B8C2D05F5A2530C458C1

Board 62

West Deals

N-S Vul

	♠ K 6 5	
	♥ Q 10 4 2	
	♦ 8	
	♣ J 9 5 4 3	
♠ 10 9 4 2		♠ 8 7 3
♥ J 5		♥ K 9 8 7 3
♦ Q 10 9 5 2		♦ J 7 3
♣ Q 8		♣ 6 2
	♠ A Q J	
	♥ A 6	
	♦ A K 6 4	
	♣ A K 10 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +1440			

5DB2F63EBBC723D4152EC55B51A1

Board 63

West Deals

E-W Vul

	♠ Q 9 7 6	
	♥ 8 7 4 3	
	♦ A 9 3 2	
	♣ 8	
♠ K 10 8 5		♠ 4 3
♥ 9 6 2		♥ 10 5
♦ Q 6		♦ K 10 8 7 5
♣ J 10 9 4		♣ 7 5 3 2
	♠ A J 2	
	♥ A K Q J	
	♦ J 4	
	♣ A K Q 6	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	4 NT ¹	Pass	Pass
Pass			

1. Quantitative 4 NT

4 N by South

Made 6 — NS +490

5FACAF7ECB151E327D61C819C7C5

Board 64

West Deals

Both Vul

	♠ 10 9 8 4	
	♥ J 5 3 2	
	♦ 10 3 2	
	♣ A 5	
♠ J 5 3 2		♠ Q 7 6
♥ Q 8 7		♥ 10 9 4
♦ J 5 4		♦ 8 6
♣ K J 3		♣ 10 7 6 4 2
	♠ A K	
	♥ A K 6	
	♦ A K Q 9 7	
	♣ Q 9 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +660			

5EA44EB5E0F709FAD118077ABD28

Board 65

West Deals

N-S Vul

	♠ 9 6 5 2		
	♥ K 9 5		
	♦ K 3		
	♣ A J 6 2		
♠ J 10 8 7		♠ K 4	
♥ Q 10 8 4 3		♥ 7 6	
♦ J 7		♦ 9 8 6 4 2	
♣ 10 5		♣ Q 9 7 3	
	♠ A Q 3		
	♥ A J 2		
	♦ A Q 10 5		
	♣ K 8 4		

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	1 ♣	Pass	1 ♦
Pass	1 ♠	Pass	2 ♥ ¹
Pass	3 NT	Pass	6 NT
Pass	Pass	Pass	

1. Fourth suit game force

6 N by North

Made 6 — NS +1440

6CA5A2D299D70E0235007B7C0F7F

Board 66

West Deals

None Vul

	♠ 9 8 7 6 3	
	♥ 9 8 6 3	
	♦ J 5	
	♣ 6 4	
♠ Q 10		♠ 5 4 2
♥ 7 5 4 2		♥ Q J 10
♦ A 10 7		♦ 9 4 3 2
♣ 10 5 3 2		♣ A J 7
	♠ A K J	
	♥ A K	
	♦ K Q 8 6	
	♣ K Q 9 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +400			

6E8666AF1804C17358201AF93BB7

Board 67

West Deals

N-S Vul

	♠ J 10 6 5 3	
	♥ A 10 9	
	♦ Q	
	♣ J 10 7 6	
♠ 9 4		♠ K 8 7
♥ 8 4 3 2		♥ J 7 5
♦ 9 8 6		♦ J 7 5 4 3
♣ Q 8 3 2		♣ 9 4
	♠ A Q 2	
	♥ K Q 6	
	♦ A K 10 2	
	♣ A K 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♠	Pass	4 NT ¹
Pass	5 ♦	Pass	6 ♠
Pass	Pass	Pass	

1. Blackwood 0314, for !S
6 ♠ by North
Made 6 — NS +1430

6FAE921AE47DF2D417CD68E03B45

Board 68

West Deals

Both Vul

	♠ Q 7 3	
	♥ 6 2	
	♦ J 8 7 2	
	♣ J 8 5 4	
♠ J 9 8 6 4		♠ 10 5 2
♥ 10 9 3		♥ K Q 8 7
♦ Q 5 3		♦ K 9 4
♣ 7 3		♣ 10 6 2
	♠ A K	
	♥ A J 5 4	
	♦ A 10 6	
	♣ A K Q 9	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

7CA1A206CAF45FD959CFF38B186E

Board 69

West Deals

None Vul

	♠ Q 3	
	♥ Q J 6 4	
	♦ J 8 7 4 3	
	♣ 10 3	
♠ J 10 8 6 5		♠ 9 7 2
♥ 10 5		♥ 9 8 7 3
♦ Q 10		♦ 9 6 2
♣ 9 6 5 4		♣ A 8 7
	♠ A K 4	
	♥ A K 2	
	♦ A K 5	
	♣ K Q J 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

7DBEE688D277592754A51CB0EDC2

Board 70

West Deals

E-W Vul

	♠ 8 5	
	♥ J 9 7 5	
	♦ J 4 2	
	♣ Q 7 5 4	
♠ K J 3 2		♠ 10 9 7
♥ K 8 6 3		♥ Q 2
♦ A 5 3		♦ K 10 8 7 6
♣ 10 8		♣ 9 6 3
	♠ A Q 6 4	
	♥ A 10 4	
	♦ Q 9	
	♣ A K J 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
1 ♦	Pass	Pass	Dbl
1 ♥	Pass	2 ♦	2 ♥ ¹
Pass	3 ♣	Pass	Pass
Pass			

1. strength cue bid

3 ♣ by North

Made 3 — NS +110

7EA682A319BAD358152C3E73CD3D

Board 71

West Deals

N-S Vul

	♠ J 7 6 5 2	
	♥ K 3	
	♦ 6 5 3 2	
	♣ 8 6	
♠ 9 3		♠ 8 4
♥ 10 5 4 2		♥ J 9 8 7
♦ K Q 9 4		♦ J 10 8
♣ Q 9 4		♣ J 7 3 2
	♠ A K Q 10	
	♥ A Q 6	
	♦ A 7	
	♣ A K 10 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +660			

7C62A2F117BCBB58894DC65906C7

Board 72

West Deals

None Vul

	♠ J 3	
	♥ 7 6 5 3 2	
	♦ 9 8 7 4	
	♣ 10 8	
♠ Q 5 2		♠ A 8 6 4
♥ Q 10 9		♥ J 8 4
♦ J 5 3 2		♦ 10 6
♣ J 9 2		♣ Q 7 6 4
	♠ K 10 9 7	
	♥ A K	
	♦ A K Q	
	♣ A K 5 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +400			

7EA2AD08224633F65909AF0BF97F

Board 73

West Deals

N-S Vul

	♠ Q J 9 6 4	
	♥ Q 10 6 4	
	♦ K 5 2	
	♣ Q	
♠ 8 3		♠ 10 7 2
♥ 9 8 3 2		♥ 7
♦ A J 9		♦ Q 7 6 4 3
♣ 9 5 4 2		♣ K 7 6 3
	♠ A K 5	
	♥ A K J 5	
	♦ 10 8	
	♣ A J 10 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♦	Dbl
3 ♦	4 ♠	Pass	4 NT ¹
Pass	5 ♣	Pass	5 ♦
Pass	6 ♦	Pass	6 ♠
Dbl	Pass	Pass	Pass

1. Blackwood 0314, for !S

6 ♠× by North

Made 6 — NS +1660

7F6D6AA7BC31DA45F81C1F46DA03

Board 74

West Deals

Both Vul

	♠ 10 6 5 2	
	♥ 8 4 2	
	♦ Q 8 4	
	♣ J 7 6	
♠ 9 7 3		♠ A K 8 4
♥ J 10 7		♥ 9 6 5 3
♦ K 9 7 3		♦ 10 2
♣ Q 5 2		♣ A 10 8
	♠ Q J	
	♥ A K Q	
	♦ A J 6 5	
	♣ K 9 4 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	1 ♣	Dbl
1 ♦	Pass	1 ♥	1 NT
Pass	Pass	Pass	
1 N by South			
Made 2 — NS +120			

8CAA2EB548A7D9FFCE44219C307F

Board 75

West Deals

None Vul

	♠ K 5 3	
	♥ J 7 6	
	♦ A J 9	
	♣ J 6 4 3	
♠ 9 8 7		♠ J 6 2
♥ Q 8 3 2		♥ 9 4
♦ Q 10 6		♦ K 8 7 4 2
♣ 10 8 2		♣ Q 9 5
	♠ A Q 10 4	
	♥ A K 10 5	
	♦ 5 3	
	♣ A K 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♦	Dbl
Pass	3 ♣	Pass	3 ♦ ¹
Pass	3 NT	Pass	6 NT
Pass	Pass	Pass	

1. strength cue bid

6 N by North

Down 1 — NS -50

9C64A28EF86F0BD001396F95767B

Board 76

West Deals

None Vul

	♠ 9 7 6		
	♥ Q 9 7		
	♦ J 9 6 2		
	♣ A J 8		
♠ J 8		♠ A 10 5 3 2	
♥ J 6 3 2		♥ 8 4	
♦ A 4 3		♦ Q 10 5	
♣ 10 9 5 2		♣ 7 6 4	
	♠ K Q 4		
	♥ A K 10 5		
	♦ K 8 7		
	♣ K Q 3		
West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♠	Dbl
Pass	2 NT ¹	Pass	3 NT
Pass	Pass	Pass	

1. Lebensohl after double

3 N by North

Made 4 — NS +430

9EA66CDD0EF67063C5138D7C55FA

Board 77

West Deals

N-S Vul

	♠ J 6	
	♥ J 7 5	
	♦ K Q J 5 4	
	♣ K 9 4	
♠ Q 10 7 2		♠ K 9 8 4 3
♥ 10 9 4 2		♥ Q 6 3
♦ 9 8 6		♦ 2
♣ 8 6		♣ Q 7 5 3
	♠ A 5	
	♥ A K 8	
	♦ A 10 7 3	
	♣ A J 10 2	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	2 ♠	Dbl
3 ♠	4 ♦	Pass	4 NT ¹
Pass	5 ♦	Pass	6 ♦
Pass	Pass	Pass	

1. Blackwood 0314, for !D

6 ♦ by North

Made 6 — NS +1370

AEA685ECA3C14B58DFB6130E7F49

Board 78

West Deals

N-S Vul

	♠ 5 4	
	♥ K 10 9 4 2	
	♦ Q 7 4 3	
	♣ Q 8	
♠ Q 10 7		♠ 9 8 3 2
♥ 6 3		♥ 8 7 5
♦ J 10 5		♦ 9 8 2
♣ J 9 7 5 3		♣ K 10 2
	♠ A K J 6	
	♥ A Q J	
	♦ A K 6	
	♣ A 6 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +1440			

ACA2BBE205AFFF1A4B1855D06935

Board 79

West Deals

None Vul

	♠ J 8 6 2	
	♥ J 7	
	♦ K 8 7 6 3	
	♣ 6 4	
♠ Q 9 4		♠ 7 5 3
♥ K 9 2		♥ 8 6 5 4
♦ J 5 2		♦ 10 9
♣ K 10 9 7		♣ J 5 3 2
	♠ A K 10	
	♥ A Q 10 3	
	♦ A Q 4	
	♣ A Q 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +460			

CDBA72732A60C461C608882DDFD7

Board 80

West Deals

E-W Vul

	♠ J 6 4	
	♥ 3 2	
	♦ K Q 10 8	
	♣ 10 9 6 5	
♠ 9 7 3 2		♠ K Q 10 8
♥ J 10 8 4		♥ 9 7 6 5
♦ 4 3		♦ 9 7 2
♣ Q 3 2		♣ 8 4
	♠ A 5	
	♥ A K Q	
	♦ A J 6 5	
	♣ A K J 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by South			
Made 6 — NS +990			

CCA3E2A7189C7CC97DAB38F2CC55

Board 81

West Deals

None Vul

	♠ J 5	
	♥ 8 3	
	♦ J 8 6 5	
	♣ J 10 9 5 3	
♠ K 8 4 3		♠ 9 7 2
♥ 9 7 5 4		♥ J 10 2
♦ Q 2		♦ 10 9 7 3
♣ A Q 6		♣ 8 7 2
	♠ A Q 10 6	
	♥ A K Q 6	
	♦ A K 4	
	♣ K 4	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +430			

CEAAE644ABC0DB1D5A3DE630D04F

Board 82

West Deals

N-S Vul

	♠ 8 6 4	
	♥ Q 10 2	
	♦ 8 6 2	
	♣ Q 10 4 3	
♠ K 10 9 5 3		♠ Q 7 2
♥ 6 4		♥ 9 8 7 3
♦ 10 4 3		♦ A J 9 7
♣ J 9 2		♣ 8 6
	♠ A J	
	♥ A K J 5	
	♦ K Q 5	
	♣ A K 7 5	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

CFAEAD10FE7BC81695C1339800E3

Board 83

West Deals

Both Vul

	♠ Q 8 5 3	
	♥ 9 6 3	
	♦ 8 7	
	♣ Q 9 4 3	
♠ J 9 6 2		♠ 10
♥ J 10 5		♥ Q 8 7 4
♦ 10 9 4		♦ Q 6 5 3 2
♣ 10 5 2		♣ K 7 6
	♠ A K 7 4	
	♥ A K 2	
	♦ A K J	
	♣ A J 8	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 5 — NS +660			

DC92E6924E0B631C3F354849E3FF

Board 84

West Deals

None Vul

	♠ 10 8 7 6	
	♥ J 10 5 4	
	♦ 10 5 4	
	♣ 8 5	
♠ K 3 2		♠ J 9 5 4
♥ 7 6 2		♥ A Q 8
♦ K 6		♦ J 8 7 2
♣ 10 9 7 3 2		♣ 6 4
	♠ A Q	
	♥ K 9 3	
	♦ A Q 9 3	
	♣ A K Q J	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +400			

DEAAA76258F238441D893D6FFE33

Board 85

West Deals

N-S Vul

	♠ 9 7 5 2	
	♥ 8 6	
	♦ 7 5 4 3	
	♣ J 9 8	
♠ 10 3		♠ Q J 8 4
♥ 10 9 5 3 2		♥ J 7
♦ Q 10 2		♦ A J 9 6
♣ K 4 2		♣ 7 6 5
	♠ A K 6	
	♥ A K Q 4	
	♦ K 8	
	♣ A Q 10 3	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 3 — NS +600			

EFAE3AAD77D45F3E06E8595B1530

Board 86

West Deals

Both Vul

	♠ K 8 7 3 2	
	♥ 7	
	♦ J 10 7 3	
	♣ 10 6 2	
♠ 10 6		♠ J 9 5 4
♥ K J 8 2	<div>W N E</div>	♥ 10 9 5 4 3
♦ K 6 5 4		♦ 2
♣ J 9 4		♣ Q 5 3
	♠ A Q	
	♥ A Q 6	
	♦ A Q 9 8	
	♣ A K 8 7	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 ♦	Pass	3 NT
Pass	Pass	Pass	
3 N by South			
Made 4 — NS +630			

FDBAB49312026BF54C2CD5AFC47D

Board 87

West Deals

E-W Vul

	♠ J 10 6	
	♥ Q J 5	
	♦ Q J 10	
	♣ K 7 6 3	
♠ 8 5 3		♠ 9 7 2
♥ 9 6 4		♥ 10 7 3
♦ 7 6 4 2		♦ K 8 5 3
♣ Q 9 4		♣ 8 5 2
	♠ A K Q 4	
	♥ A K 8 2	
	♦ A 9	
	♣ A J 10	

West	North	East	South
<i>EPBot4</i>	<i>EPBot1</i>	<i>EPBot2</i>	<i>EPBot3</i>
Pass	Pass	Pass	2 ♣
Pass	2 NT	Pass	3 NT
Pass	6 NT	Pass	Pass
Pass			
6 N by North			
Made 6 — NS +990			