

**1**

♠K65  
♥93  
♦QJ9532  
♣Q3

♠Q9  
♥AQ10762  
♦6  
♣A862

♠1032  
♥54  
♦K87  
♣K10954

♠AJ874  
♥KJ8  
♦A104  
♣J7

Board (1) Av: NS=+50

N-S	E-W	Contract	N-S	E-W	IMP
1	17	2S	S 3	140	3
4	8	4D	N-2	100	-4
5	7	2S	S-1	50	-3
6	12	5C	W-1	50	0
10	14	4S	S-2	100	-4
11	13	3S	S 3	140	3
15	9	3S	S 3	140	3
16	2	4H	W-2	100	2
18	3	4H	E-1	50	0

**2**

♠KQ643  
♥AJ2  
♦86  
♣J53

♠975  
♥873  
♦AK9  
♣10742

♠A1082  
♥Q54  
♦J75  
♣AK8

♠J  
♥K1096  
♦Q10432  
♣Q96

Board (2) Av: NS=-50

N-S	E-W	Contract	N-S	E-W	IMP
1	17	1NT	E-1	50	3
4	8	1NT	W 2	120	-2
5	7	1NT	S-1	100	-2
6	12	1NT	S-1	100	-2
10	14	1NT	W 1	90	-1
11	13	1NT	E-1	50	3
15	9	3NT	E-2	100	4
16	2	1NT	E 1	90	-1
18	3	1NT	W 1	90	-1

**3**

♠74  
♥J5  
♦A854  
♣97642

♠AQ6  
♥K4  
♦KJ10  
♣KJ1083

♠83  
♥A63  
♦Q9732  
♣AQ5

♠KJ10952  
♥Q109872  
♦6  
♣

Board (3) Av: NS=-750

N-S	E-W	Contract	N-S	E-W	IMP
1	17	4Sx	S-1	100	12
4	8	4NT	W 6	690	2
5	7	3NT	W 6	690	2
6	12	4Sx	S-5	1100	-8
10	14	6D	E 6	1370	-12
11	13	3NT	W 6	690	2
15	9	3NT	W 6	690	2
16	2	3NT	W 6	690	2
18	3	3NT	W 6	690	2

**4**

♠A10874  
♥KQ106  
♦Q6  
♣Q6

♠J5  
♥J952  
♦74  
♣KJ1072

♠9  
♥A43  
♦AJ10982  
♣984

♠KQ632  
♥87  
♦K53  
♣A53

Board (4) Av: NS=+640

N-S	E-W	Contract	N-S	E-W	IMP
1	17	4S	N 4	620	-1
4	8	4S	N 5	650	0
5	7	4S	N 5	650	0
6	12	4S	N 5	650	0
10	14	4S	N 5	650	0
11	13	4S	N 4	620	-1
15	9	4S	N 5	650	0
16	2	4S	N 5	650	0
18	3	4S	N 4	620	-1

**5**

♠AK9  
♥J64  
♦AJ2  
♣KJ96

♠8742  
♥AQ105  
♦Q107  
♣Q2

♠1063  
♥K72  
♦K654  
♣A74

♠QJ5  
♥983  
♦983  
♣10853

Board (5) Av: NS=+80

N-S	E-W	Contract	N-S	E-W	IMP
1	17	1NT	N 1	90	0
4	8	1NT	N 2	120	1
5	7	1NT	N 2	120	1
6	12	1NT	N-1	100	-5
10	14	1NT	N 2	120	1
11	13	1NT	N 1	90	0
15	9	2H	W 2	110	-5
16	2	1NT	N 2	120	1
18	3	1NT	N 1	90	0

**6**

♠9752  
♥J  
♦A10873  
♣Q98

♠KQ10  
♥K1086  
♦Q42  
♣643

♠J8  
♥A7432  
♦K65  
♣KJ7

♠A643  
♥Q95  
♦J9  
♣A1052

Board (6) Av: NS=+40

N-S	E-W	Contract	N-S	E-W	IMP
1	17	3H	E 3	140	-5
4	8	3H	E-2	200	-4
5	7	3S	N-1	50	-3
6	12	3H	E-1	100	2
10	14	2H	E 2	110	-4
11	13	3S	S-1	50	-3
15	9	3H	E-1	100	2
16	2	4H	E-2	200	4
18	3	4H	E-1	100	2

**7**

♠AK4  
♥752  
♦643  
♣KJ87

♠762  
♥QJ6  
♦AKQ85  
♣42

♠Q85  
♥A1083  
♦107  
♣AQ103

♠J1093  
♥K94  
♦J92  
♣965

Board (7) Av: NS=-500

N-S	E-W	Contract	N-S	E-W	IMP
1	17	3NT	W 3	600	-3
4	8	4H	E 4	620	-3
5	7	3NT	E-1	100	12
6	12	3NT	W 4	630	-4
10	14	3NT	W-1	100	12
11	13	3NT	W 3	600	-3
15	9	3NT	E 3	600	-3
16	2	3NT	W 3	600	-3
18	3	3NT	E 3	600	-3

**8**

♠J64  
♥A  
♦A1042  
♣108753

♠Q108753  
♥K974  
♦53  
♣K

♠AK92  
♥103  
♦KJ9  
♣A942

♠QJ8652  
♥Q876  
♦QJ6  
♣

Board (8) Av: NS=-400

N-S	E-W	Contract	N-S	E-W	IMP
4	17	4S	E 5	450	-2
5	10	4S	W 4	420	-1
6	18	4S	E 4	420	-1
8	1	4S	W 5	450	-2
9	3	2S	W 5	200	5
11	16	4S	E 5	450	-2
13	2	4S	W 4	420	-1
14	7	4S	E-1	50	10
15	12	4S	E 4	420	-1

**9**

♠1074  
♥AK52  
♦K1097  
♣94

♠KJ83  
♥106  
♦J63  
♣AQJ10

♠AQ652  
♥8743  
♦Q5  
♣32

♠9  
♥QJ9  
♦A842  
♣K8765

Board (9) Av: NS=-120

N-S	E-W	Contract	N-S	E-W	IMP
4	17	3S	E-1	100	6
5	10	2S	E 3	140	-1
6	18	1S	E 2	110	0
8	1	4D	S-1	50	2
9	3	2S	E 4	170	-2
11	16	3S	E 4	170	-2
13	2	2S	E 2	110	0
14	7	2S	E 2	110	0
15	12	3S	E 3	140	-1

**10**

♠AJ5  
♥A2  
♦A8532  
♣A65

♠Q632  
♥KJ765  
♦KQ94  
♣

♠K10984  
♥10983  
♦J  
♣KQ7

♠7  
♥Q4  
♦1076  
♣J1098432

Board (10) Av: NS=-150

N-S	E-W	Contract	N-S	E-W	IMP
4	17	3H	W 3	140	0
5	10	3S	E 3	140	0
6	18	3C	S-1	100	2
8	1	5HX	E-3	800	14
9	3	4HX	E 4	790	-12
11	16	3H	W 3	140	0
13	2	5Cx	S-2	500	-8
14	7	3NT	N-2	200	-2
15	12	4Sx	E-1	200	8

**11**

♠Q107  
♥Q8765  
♦AJ95  
♣4

♠9654  
♥10  
♦KQ8742  
♣103

♠K82  
♥KJ3  
♦3  
♣J98752

♠AJ3  
♥A942  
♦106  
♣AKQ6

Board (11) Av: NS=+320

N-S	E-W	Contract	N-S	E-W	IMP
4	17 4H	N 4	420		3
5	10 2Dx	W-3	500		5
6	18 4H	S 4	420		3
8	1 4H	N 4	420		3
9	3 4H	S 4	420		3
11	16 3H	N 4	170		-4
13	2 6H	S-2		100	-9
14	7 6H	N-1		50	-9
15	12 4H	N 4	420		3

**12**

♠A873  
♥K97  
♦9864  
♣72

♠1065  
♥863  
♦52  
♣A9843

♠KJ42  
♥A4  
♦AJ1073  
♣65

♠Q9  
♥QJ1052  
♦KQ  
♣KQJ10

Board (12) Av: NS=+140

N-S	E-W	Contract	N-S	E-W	IMP
4	17 2H	S 3	140		0
5	10 2H	S 3	140		0
6	18 4H	S-1		100	-6
8	1 2H	S 3	140		0
9	3 3H	S 3	140		0
11	16 2H	S 3	140		0
13	2 2H	S 3	140		0
14	7 1NT	S 3	150		0
15	12 2H	S 3	140		0

**13**

♠42  
♥Q1043  
♦K5  
♣Q10652

♠AKQ863  
♥AK  
♦Q102  
♣98

♠1075  
♥8  
♦A9763  
♣AKJ7

♠J9  
♥J97652  
♦J84  
♣43

Board (13) Av: NS=-1540

N-S	E-W	Contract	N-S	E-W	IMP
4	17 6S	W 6	1430		3
5	10 6S	W 6	1430		3
6	18 6S	W 6	1430		3
8	1 6S	W 6	1430		3
9	3 7S	W 7	2210		-12
11	16 6S	W 6	1430		3
13	2 6S	W 6	1430		3
14	7 6S	W 6	1430		3
15	12 7S	W 7	2210		-12

**14**

♠K73  
♥AK1094  
♦AQ4  
♣93

♠AQ862  
♥J73  
♦K1095  
♣5

♠J104  
♥8652  
♦63  
♣KQJ10

♠95  
♥Q  
♦J872  
♣A87642

Board (14) Av: NS=+160

N-S	E-W	Contract	N-S	E-W	IMP
4	17 3NT	N 4	430		7
5	10 3S	W-3	150		0
6	18 3C	S 3	110		-2
8	1 3C	S 3	110		-2
9	3 2S	W-2	100		-2
11	16 2D	N 3	110		-2
13	2 2S	W-2	100		-2
14	7 3C	S 3	110		-2
15	12 3NT	N 3	400		6

**15**

♠QJ4  
♥AKJ109  
♦32  
♣J85

♠AK7632  
♥KQJ  
♦K762

♠1095  
♥Q2  
♦A9654  
♣Q109

♠8  
♥876543  
♦1087  
♣A43

Board (15) Av: NS=-450

N-S	E-W	Contract	N-S	E-W	IMP
2	7 4S	W 5	450		0
4	11 4S	W 5	450		0
5	16 4S	W 5	450		0
8	13 4S	W 5	450		0
9	6 5HX	N-2	500		-2
10	17 5H	N-3	300		4
14	1 4S	E 5	450		0
15	3 4S	W 5	450		0
18	12 5S	W 5	450		0

**16**

♠92  
♥A765  
♦AJ96  
♣AJ7

♠AK10654  
♥2  
♦KQ108  
♣K8

♠Q3  
♥J10943  
♦7  
♣109642

♠J87  
♥KQ8  
♦5432  
♣Q53

Board (16) Av: NS=+10

N-S	E-W	Contract	N-S	E-W	IMP
2	7 2S	W 3	140		-4
4	11 4D	S-2		100	-3
5	16 2S	W-1	100		3
8	13 3D	S 3	110		3
9	6 2S	W 2		110	-3
10	17 2S	W-1	100		3
14	1 2S	W 3		140	-4
15	3 3S	W-1	100		3
18	12 4S	W-3	300		7

**17**

♠104  
♥AJ8  
♦J3  
♣QJ9875

♠AK862  
♥K72  
♦A2  
♣AK6

♠Q9  
♥96543  
♦Q764  
♣102

♠J753  
♥Q10  
♦K10985  
♣43

Board (17) Av: NS=+60

N-S	E-W	Contract	N-S	E-W	IMP
2	7 3NT	W-3	150		3
4	11 3H	W-1	50		0
5	16 2NT	W-2	100		1
8	13 4H	W-1	50		0
9	6 2NT	E-1	50		0
10	17 4H	W-1	50		0
14	1 4H	W-2	100		1
15	3 1S	W 3		140	-5
18	12 4H	W-1	50		0

**18**

♠103  
♥96  
♦AK6  
♣KJ8642

♠9762  
♥J107432  
♦4  
♣Q5

♠K  
♥A8  
♦J109732  
♣A1093

♠AQJ854  
♥KQ5  
♦Q85  
♣7

Board (18) Av: NS=+310

N-S	E-W	Contract	N-S	E-W	IMP
2	7 4S	S-1		100	-9
4	11 4S	S 4	620		7
5	16 3NT	S 4	630		8
8	13 4S	S-2		200	-11
9	6 3S	S 3	140		-5
10	17 2S	N 2	110		-5
14	1 3NT	N 3	600		7
15	3 4S	S 4	620		7
18	12 2S	S 5	200		-3

**19**

♠Q108532  
♥AKQ7  
♦Q109

♠J9  
♥85  
♦75  
♣AK109863

♠AK76  
♥J432  
♦AKJ42  
♣

♠4  
♥1096  
♦863  
♣QJ7542

Board (19) Av: NS=-250

N-S	E-W	Contract	N-S	E-W	IMP
2	7 3HX	N-3	500		-6
4	11 3S	N-3	150		3
5	16 3Sx	N-3	500		-6
8	13 3S	N-3	150		3
9	6 3Cx	W 3	670		-9
10	17 3Cx	W-2	500		13
14	1 3H	N-3	150		3
15	3 3Cx	W-1	200		10
18	12 3Sx	N-3	500		-6

**20**

♠AKJ109  
♥108  
♦Q6  
♣QJ93

♠6542  
♥A54  
♦J94  
♣1052

♠7  
♥KQJ32  
♦K103  
♣K764

♠Q83  
♥976  
♦A8752  
♣A8

Board (20) Av: NS=+280

N-S	E-W	Contract	N-S	E-W	IMP
2	7 3S	N 4	170		-3
4	11 3S	N 4	170		-3
5	16 4S	N 4	620		8
8	13 3H	E-1	100		-5
9	6 4S	N-1		100	-9
10	17 3S	N 3	140		-4
14	1 4S	N 4	620		8
15	3 4S	N 4	620		8
18	12 3S	N 4	170		-3

**21**

♠A1083  
♥KQ8  
♦K2  
♣A1097

♠Q7  
♥972  
♦A754  
♣KJ65

♠K9542  
♥3  
♦10863  
♣Q32

♠J6  
♥AJ10654  
♦QJ9  
♣84

Board (21) Av: NS=+630

N-S	E-W	Contract	N-S	E-W	IMP
2	7 4H	N 4	620		0
4	11 4H	S 5	650		1
5	16 4H	N 5	650		1
8	13 4H	N 4	620		0
9	6 5H	N-1	100		-12
10	17 4H	N 4	620		0
14	1 4H	N 4	620		0
15	3 4H	N 4	620		0
18	12 4H	N 5	650		1

**22**

♠84  
♥K10972  
♦K1043  
♣J10

♠K107  
♥J4  
♦Q9876  
♣A85

♠AQ953  
♥A653  
♦J2  
♣Q3

♠J62  
♥Q8  
♦A5  
♣K97642

Board (22) Av: NS=-40

N-S	E-W	Contract	N-S	E-W	IMP
1	11 3S	E-1	100		4
4	14 3S	E-1	100		4
7	17 3S	E 4	170		-4
9	18 3S	E 3	140		-3
10	2 4S	E-1	100		4
12	3 3S	E 4	170		-4
13	5 4S	E-1	100		4
15	6 2S	E 3	140		-3
16	8 2S	E 3	140		-3

**23**

♠AKJ65  
♥63  
♦87  
♣K542

♠J10  
♥AKQJ1064  
♣A986

♠832  
♥AKQ7  
♦32  
♣QJ103

♠Q10974  
♥98542  
♦95  
♣7

Board (23) Av: NS=-940

N-S	E-W	Contract	N-S	E-W	IMP
1	11 5D	W 6	620		8
4	14 6D	W 6	1370		-10
7	17 6D	W 6	1370		-10
9	18 5D	W 6	620		8
10	2 5D	W 6	620		8
12	3 6D	W 6	1370		-10
13	5 6C	W 6	1370		-10
15	6 5D	W 6	620		8
16	8 5D	E 6	620		8

**24**

♠Q965  
♥A9542  
♦8  
♣986

♠J7  
♥K1086  
♦K6532  
♣AJ

♠AK83  
♥QJ3  
♦107  
♣Q1075

♠1042  
♥7  
♦AQJ94  
♣K432

Board (24) Av: NS=-160

N-S	E-W	Contract	N-S	E-W	IMP
1	11 3NT	W 4	430		-7
4	14 3NT	W 3	400		-6
7	17 3NT	W-1	50		5
9	18 3NT	W 3	400		-6
10	2 3NT	W-1	50		5
12	3 3NT	W-2	100		6
13	5 3NT	W-2	100		6
15	6 2NT	W 2	120		1
16	8 3NT	W 4	430		-7

**25**

♠A982  
♥KQ862  
♦  
♣AKJ2

♠J743  
♥J973  
♦Q3  
♣Q105

♠10  
♥A105  
♦AK109642  
♣98

♠KQ65  
♥4  
♦J875  
♣7643

Board (25) Av: NS=+140

N-S	E-W	Contract	N-S	E-W	IMP
1	11 3S	S 4	170		1
4	14 4S	N 4	420		7
7	17 4S	N-1	50		-5
9	18 4S	N-1	50		-5
10	2 5S	S-1	50		-5
12	3 3D	E-1	100		-1
13	5 4S	N-2	100		-6
15	6 4S	S 4	420		7
16	8 4S	N 4	420		7

**26**

♠Q62  
♥J108653  
♦J  
♣KJ2

♠A10943  
♥KQ  
♦842  
♣953

♠87  
♥A94  
♦AQ953  
♣AQ6

♠KJ5  
♥72  
♦K1076  
♣10874

Board (26) Av: NS=-610

N-S	E-W	Contract	N-S	E-W	IMP
1	11 3NT	E 3	600		0
4	14 3NT	E 4	630		-1
7	17 3NT	E 3	600		0
9	18 3NT	E 3	600		0
10	2 3NT	E 4	630		-1
12	3 3NT	E 3	600		0
13	5 3NT	E-1	100		12
15	6 3NT	E 4	630		-1
16	8 3NT	E 3	600		0

**27**

♠86  
♥K952  
♦AJ98  
♣J42

♠QJ  
♥108  
♦KQ6  
♣K98753

♠10532  
♥A63  
♦5432  
♣Q6

♠AK974  
♥QJ74  
♦107  
♣A10

Board (27) Av: NS=+310

N-S	E-W	Contract	N-S	E-W	IMP
1	11 4H	S 4	420		3
4	14 3H	S 4	170		-4
7	17 4H	S 4	420		3
9	18 4H	S 4	420		3
10	2 4H	N 4	420		3
12	3 4H	S 4	420		3
13	5 2H	S 4	170		-4
15	6 2H	S 4	170		-4
16	8 2H	S 4	170		-4

**28**

♠J76  
♥53  
♦9754  
♣AQ42

♠Q104  
♥1042  
♦Q82  
♣K1065

♠AK852  
♥AKQ98  
♦6  
♣J7

♠93  
♥J76  
♦AKJ103  
♣983

Board (28) Av: NS=-430

N-S	E-W	Contract	N-S	E-W	IMP
1	11 4S	E 4	420		0
4	14 4S	E 4	420		0
7	17 4S	E 4	420		0
9	18 4S	W 4	420		0
10	2 4S	E 6	480		-2
12	3 4S	E 5	450		-1
13	5 4S	E 4	420		0
15	6 4S	E 4	420		0
16	8 4S	E 5	450		-1



**11**

♠A964  
♥A4  
♦6  
♣AKQ1098

♠3  
♥92  
♦QJ109754  
♣J63

♠QJ52  
♥KJ10653  
♦8  
♣75

♠K1087  
♥Q87  
♦AK32  
♣42

Board (11) Av: NS=+530

N-S	E-W	Contract	N-S	E-W	IMP
3	14	4NT	5	460	-2
4	16	6S	N-1	50	-11
6	11	6S	N 6	980	10
7	1	6NT	S 7	1020	10
8	15	6NT	S 6	990	10
9	2	6C	N 6	920	9
13	10	6S	N-1	50	-11
17	12	5S	N 5	450	-2
18	5	6S	N-1	50	-11

**12**

♠86  
♥9864  
♦82  
♣AKQ106

♠74  
♥AKQ53  
♦Q1053  
♣J7

♠AKQJ9  
♥J7  
♦AK9  
♣854

♠10532  
♥102  
♦J764  
♣932

Board (12) Av: NS=-390

N-S	E-W	Contract	N-S	E-W	IMP
3	14	4S	E 5	450	-2
4	16	4S	W 7	510	-3
6	11	6H	W-1	50	10
7	1	4H	W 5	450	-2
8	15	4H	E 5	450	-2
9	2	5S	E 5	450	-2
13	10	6NTxw-4	800		15
17	12	4S	E 5	450	-2
18	5	6S	E 7	1010	-12

**13**

♠Q96  
♥KQJ7  
♦K3  
♣K1097

♠105  
♥A10865  
♦A65  
♣AQ4

♠AK87432  
♥2  
♦J4  
♣832

♠J  
♥943  
♦Q109872  
♣J65

Board (13) Av: NS=-240

N-S	E-W	Contract	N-S	E-W	IMP
3	14	4S	E-1	100	8
4	16	4S	E-1	100	8
6	11	4S	E-1	100	8
7	1	4S	E 4	620	-9
8	15	2S	E 3	140	3
9	2	3NT	W 3	600	-8
13	10	3NT	W 3	600	-8
17	12	3H	W-1	100	8
18	5	4S	E 4	620	-9

**14**

♠QJ943  
♥6  
♦85  
♣QJ973

♠J98  
♥AJ1074  
♦A10864

♠AK876  
♥1052  
♦Q932  
♣K

♠1052  
♥AKQ743  
♦K6  
♣52

Board (14) Av: NS=-90

N-S	E-W	Contract	N-S	E-W	IMP
3	14	4D	E 4	130	-1
4	16	3S	N-2	100	0
6	11	5D	E-1	50	4
7	1	3D	E 4	130	-1
8	15	3D	E 4	130	-1
9	2	4D	W 4	130	-1
13	10	4D	E 4	130	-1
17	12	5D	W-1	50	4
18	5	2H	S-1	50	1

**15**

♠2  
♥J10842  
♦KQ75  
♣A85

♠QJ74  
♥AK93  
♦A  
♣KQ73

♠K1095  
♥Q65  
♦632  
♣J64

♠A863  
♥7  
♦J10984  
♣1092

Board (15) Av: NS=-360

N-S	E-W	Contract	N-S	E-W	IMP
2	15	4S	E 4	420	-2
4	7	4S	E 5	450	-3
6	17	4S	W-1	50	9
8	3	4S	W-1	50	9
11	18	4S	E 4	420	-2
12	5	4S	E 5	450	-3
13	1	4S	E 4	420	-2
14	9	3NT	W 5	460	-3
16	10	4S	E 4	420	-2

**16**

♠AK6  
♥10  
♦K8652  
♣AJ76

♠J542  
♥98652  
♦AJ7  
♣5

♠10983  
♥AQ73  
♦Q  
♣Q1094

♠Q7  
♥KJ4  
♦10943  
♣K832

Board (16) Av: NS=+50

N-S	E-W	Contract	N-S	E-W	IMP
2	15	6D	N-1	50	-3
4	7	5D	N-1	50	-3
6	17	2D	N 4	130	2
8	3	3D	N 3	110	2
11	18	2D	N 4	130	2
12	5	5D	S-1	50	-3
13	1	3NT	S 3	400	8
14	9	5C	N-3	150	-5
16	10	3D	N 3	110	2

**17**

♠J73  
♥AK986  
♦K9  
♣AQ2

♠1042  
♥J1043  
♦Q1086  
♣87

♠Q  
♥Q752  
♦A753  
♣KJ104

♠AK9865  
♥  
♦J42  
♣9653

Board (17) Av: NS=+220

N-S	E-W	Contract	N-S	E-W	IMP
2	15	4S	S-1	50	-7
4	7	4S	S 4	420	5
6	17	4S	S 4	420	5
8	3	4S	S 4	420	5
11	18	4S	S-2	100	-8
12	5	4S	S-1	50	-7
13	1	4S	S 4	420	5
14	9	4S	S-1	50	-7
16	10	4S	S 4	420	5

**18**

♠92  
♥Q8  
♦KQJ102  
♣KJ86

♠AKQ765  
♥K76  
♦97  
♣102

♠J1083  
♥1092  
♦8643  
♣Q3

♠4  
♥AJ543  
♦A5  
♣A9754

Board (18) Av: NS=+330

N-S	E-W	Contract	N-S	E-W	IMP
2	15	6C	S-1	100	-10
4	7	5C	N 5	600	7
6	17	4H	S 5	650	8
8	3	4Sx	W-3	500	5
11	18	3Sx	W-1	100	-6
12	5	4Sx	W-3	500	5
13	1	4H	N 4	620	7
14	9	5C	S-1	100	-10
16	10	3S	W-2	100	-6

**19**

♠3  
♥AQJ76  
♦J10753  
♣AQ

♠AJ1064  
♥K832  
♦7532

♠Q92  
♥95  
♦K64  
♣KJ864

♠K875  
♥104  
♦AQ982  
♣109

Board (19) Av: NS=+350

N-S	E-W	Contract	N-S	E-W	IMP
2	15	5D	N 6	420	2
4	7	3D	N 6	170	-5
6	17	3NT	N-2	100	-10
8	3	5D	N 6	420	2
11	18	3NT	N 4	430	2
12	5	5D	N 6	420	2
13	1	3D	N 6	170	-5
14	9	5D	N 6	420	2
16	10	3NT	N 4	430	2

**20**

♠109  
♥Q952  
♦85  
♣KJ754

♠864  
♥J10  
♦109732  
♣986

♠AK53  
♥8643  
♦Q64  
♣Q2

♠QJ72  
♥AK7  
♦AKJ  
♣A103

Board (20) Av: NS=+650

N-S	E-W	Contract	N-S	E-W	IMP
2	15	3NT	S 5	660	0
4	7	3NT	S 5	660	0
6	17	3NT	S 5	660	0
8	3	3NT	S 4	630	-1
11	18	3NT	S 4	630	-1
12	5	4H	N 4	620	-1
13	1	3NT	S 6	690	1
14	9	3NT	S 5	660	0
16	10	3NT	S 4	630	-1

**21**

♠AQ64  
♥J73  
♦K108  
♣AQ5

♠J9875  
♥6  
♦65432  
♣J2

♠K2  
♥942  
♦Q9  
♣K98764

W N E S

♠103  
♥AKQ1085  
♦AJ7  
♣103

Board (21) Av: NS=-20

N-S	E-W	Contract	N-S	E-W	IMP
2	15	6H N-2		200	-5
4	7	6H S-1		100	-2
6	17	6H N-1		100	-2
8	3	4H N 5	650		12
11	18	6H N-1		100	-2
12	5	4H N 6	680		12
13	1	6NT N-1		100	-2
14	9	6H N-2		200	-5
16	10	7NT N-2		200	-5

**22**

♠Q96  
♥AKQ1065  
♦QJ  
♣J3

♠K87543  
♥98  
♦A8  
♣A74

♠J10  
♥732  
♦K7632  
♣KQ5

W N E S

♠A2  
♥J4  
♦10954  
♣109862

Board (22) Av: NS=+60

N-S	E-W	Contract	N-S	E-W	IMP
2	12	1NT N 2		120	2
4	13	2H N 4		170	3
5	15	2H N 2		110	2
8	18	2S W 3		140	-5
10	1	2H N 2		110	2
11	3	3D E-1		100	1
14	6	3H N-1		50	-3
16	7	2H N 2		110	2
17	9	3H N-1		50	-3

**23**

♠KQ1094  
♥K  
♦9854  
♣K103

♠85  
♥10875  
♦J1032  
♣Q75

♠J762  
♥QJ9  
♦KQ6  
♣AJ4

W N E S

♠A3  
♥A6432  
♦A7  
♣9862

Board (23) Av: NS=-80

N-S	E-W	Contract	N-S	E-W	IMP
2	12	2NT N 2		120	5
4	13	3NT S-3		300	-6
5	15	3NT S-3		300	-6
8	18	2H S-1		100	-1
10	1	3C N 3		110	5
11	3	2NT N-1		100	-1
14	6	4S N-2		200	-3
16	7	2NT N 2		120	5
17	9	2NT S-1		100	-1

**24**

♠9  
♥10952  
♦AQ642  
♣J92

♠K103  
♥KQ  
♦K10873  
♣1084

♠864  
♥J8643  
♦J9  
♣A75

W N E S

♠AQJ752  
♥A7  
♦5  
♣KQ63

Board (24) Av: NS=+190

N-S	E-W	Contract	N-S	E-W	IMP
2	12	2S S 5		200	0
4	13	3S S 4		170	-1
5	15	2S S 3		140	-2
8	18	3S S 3		140	-2
10	1	3NT N-1		50	-6
11	3	2DX W-3		500	7
14	6	3NT N 3		400	5
16	7	2S S 4		170	-1
17	9	2S S 3		140	-2

**25**

♠K43  
♥Q9652  
♦4  
♣AK82

♠A86  
♥10874  
♦AJ76  
♣QJ

♠J109752  
♥KJ3  
♦10  
♣1095

W N E S

♠Q  
♥A  
♦KQ98532  
♣7643

Board (25) Av: NS=+60

N-S	E-W	Contract	N-S	E-W	IMP
2	12	3NT N-4		200	-6
4	13	3D S 3		110	2
5	15	3D S 3		110	2
8	18	2D S 3		110	2
10	1	3D S 4		130	2
11	3	3C N 3		110	2
14	6	4DX S-1		100	-4
16	7	3D S-1		50	-3
17	9	3D S 3		110	2

**26**

♠862  
♥J105  
♦KJ42  
♣J84

♠J943  
♥9842  
♦97  
♣K32

♠A  
♥Q63  
♦Q105  
♣AQ10975

W N E S

♠KQ1075  
♥AK7  
♦A863  
♣6

Board (26) Av: NS=-40

N-S	E-W	Contract	N-S	E-W	IMP
2	12	4S S-2		200	-4
4	13	4S S-3		300	-6
5	15	4S S-2		200	-4
8	18	4S S 4	620		12
10	1	3S S-1		100	-2
11	3	3S S 4		170	5
14	6	2S S 2		110	4
16	7	3S S-2		200	-4
17	9	3S S 4		170	5

**27**

♠A863  
♥KQ8  
♦Q52  
♣J75

♠QJ10752  
♥2  
♦63  
♣AQ62

♠K4  
♥105  
♦AKJ987  
♣1094

W N E S

♠9  
♥AJ97643  
♦104  
♣K83

Board (27) Av: NS=-60

N-S	E-W	Contract	N-S	E-W	IMP
2	12	4S W 5		450	-9
4	13	5H S-2		100	-1
5	15	4H S-1		50	0
8	18	4H S-1		50	0
10	1	3NT N 3		400	10
11	3	3H S 3		140	5
14	6	4S W 4		420	-8
16	7	3H S 3		140	5
17	9	4H S-2		100	-1

**28**

♠32  
♥AKJ1065  
♦109763

♠KQ1097  
♥5  
♦Q732  
♣AQ2

♠J865  
♥A10932  
♦98  
♣84

W N E S

♠A4  
♥KQJ8764  
♦4  
♣KJ5

Board (28) Av: NS=-180

N-S	E-W	Contract	N-S	E-W	IMP
2	12	5C S-3		300	-3
4	13	4Sx E 4		590	-9
5	15	4H S-2		200	-1
8	18	3H S 3		140	8
10	1	4H S-2		200	-1
11	3	3S W 3		140	1
14	6	3S W 3		140	1
16	7	4H S-2		200	-1
17	9	4H S-1		100	2

**1**

♠K  
♥AKQJ7  
♦J1032  
♣K54

♠A65  
♥854  
♦Q4  
♣AQ1032

♠Q10874  
♥93  
♦K9  
♣9876

♠J932  
♥1062  
♦A8765  
♣J

Board (1) Av: NS=+380

N-S	E-W	Contract	N-S	E-W	IMP
2	17 4H	N 4	420		1
3	16 4H	N 4	420		1
4	9 4H	N-1		50	-10
7	6 4H	N 4	420		1
11	5 4H	N 4	420		1
12	13 4H	N 4	420		1
14	8 4H	N 4	420		1
15	10 4Sx	E-3	500		3
18	1 3H	N 4	170		-5

**2**

♠KQ873  
♥32  
♦9432  
♣A5

♠10942  
♥KJ7  
♦107  
♣10632

♠109854  
♥KJ6  
♦Q9874  
♣9874

♠AJ65  
♥AQ6  
♦AQ85  
♣KJ

Board (2) Av: NS=+330

N-S	E-W	Contract	N-S	E-W	IMP
2	17 6S	S-1		100	-10
3	16 6S	S-1		100	-10
4	9 4S	N 5	650		8
7	6 4S	S 5	650		8
11	5 6S	S-1		100	-10
12	13 4S	S 5	650		8
14	8 4S	S 5	650		8
15	10 6S	S-1		100	-10
18	1 4S	S 5	650		8

**3**

♠A3  
♥Q104  
♦1097532  
♣J3

♠KJ7  
♥7653  
♦  
♣KQ8652

♠Q8542  
♥J2  
♦KQ  
♣A1097

♠1096  
♥AK98  
♦AJ864  
♣4

Board (3) Av: NS=+60

N-S	E-W	Contract	N-S	E-W	IMP
2	17 3D	S 5	150		3
3	16 3NT	N-3		150	-5
4	9 5Dx	S 5	550		10
7	6 3D	N 4	130		2
11	5 5Dx	S-1		100	-4
12	13 3D	S 5	150		3
14	8 5S	E-1		100	1
15	10 3S	E 4		170	-6
18	1 3D	S 5	150		3

**4**

♠A3  
♥Q  
♦QJ96  
♣AJ8642

♠KQ976  
♥42  
♦K43  
♣KQ10

♠J104  
♥K1093  
♦A1082  
♣73

♠852  
♥AJ8765  
♦75  
♣95

Board (4) Av: NS=-140

N-S	E-W	Contract	N-S	E-W	IMP
2	17 2S	W 3		140	0
3	16 4Dx	N-3		800	-12
4	9 4C	N-2		200	-2
7	6 2S	W 2		110	1
11	5 2S	W 3		140	0
12	13 3S	W 3		140	0
14	8 2S	W 2		110	1
15	10 2S	W 3		140	0
18	1 2H	E 2		110	1

**5**

♠AKQ86  
♥A7  
♦K32  
♣KJ10

♠943  
♥32  
♦764  
♣A9643

♠J107  
♥KQJ65  
♦A95  
♣52

♠52  
♥10984  
♦QJ108  
♣Q87

Board (5) Av: NS=+420

N-S	E-W	Contract	N-S	E-W	IMP
2	17 3NT	N 5	660		6
3	16 3NT	N 4	630		5
4	9 2S	N 4	170		-6
7	6 3NT	N 4	630		5
11	5 3NT	N 3	600		5
12	13 2S	N 4	170		-6
14	8 2S	N 4	170		-6
15	10 3NT	S-2		200	-12
18	1 3NT	N 3	600		5

**6**

♠J4  
♥975  
♦J109875  
♣Q8

♠K72  
♥  
♦AKQ42  
♣J10953

♠A10853  
♥AQ632  
♦  
♣AK2

♠Q96  
♥KJ1084  
♦63  
♣764

Board (6) Av: NS=-1320

N-S	E-W	Contract	N-S	E-W	IMP
2	17 6S	E-1		100	16
3	16 6S	E 6		1430	-3
4	9 6S	E 6		1430	-3
7	6 6S	E 6		1430	-3
11	5 6S	E 6		1430	-3
12	13 6S	E 6		1430	-3
14	8 6S	E 6		1430	-3
15	10 4S	E 6		680	12
18	1 6S	E 6		1430	-3

**7**

♠3  
♥AKQ98543  
♦7  
♣A64

♠A82  
♥J72  
♦AK8  
♣QJ93

♠Q9754  
♥Q10942  
♦K105  
♣K105

♠KJ106  
♥106  
♦J653  
♣872

Board (7) Av: NS=-100

N-S	E-W	Contract	N-S	E-W	IMP
2	17 4H	N-1		100	0
3	16 5H	N-2		200	-3
4	9 4Hx	N-1		200	-3
7	6 4H	N-1		100	0
11	5 3Hx	N 3	730		13
12	13 4H	N-1		100	0
14	8 4Hx	N-1		200	-3
15	10 5Hx	N-2		500	-9
18	1 4S	W-2		200	7

**8**

♠KQ97  
♥Q953  
♦KJ  
♣K73

♠8643  
♥J6  
♦Q5  
♣Q10654

♠A52  
♥K84  
♦A10983  
♣98

♠J10  
♥A1072  
♦7642  
♣AJ2

Board (8) Av: NS=+160

N-S	E-W	Contract	N-S	E-W	IMP
1	15 2H	S 4	170		0
3	7 4H	N 4	420		6
4	12 2H	S 4	170		0
8	2 2H	S 3	140		-1
10	18 4H	N-3		150	-7
13	9 2H	S 3	140		-1
14	11 2H	S 4	170		0
16	6 2H	S 4	170		0
17	5 2H	S 4	170		0

**9**

♠KJ93  
♥J874  
♦1042  
♣AQ

♠965  
♥AQJ983  
♦10642

♠AQ52  
♥AKQ2  
♦5  
♣KJ83

♠108764  
♥103  
♦K76  
♣975

Board (9) Av: NS=-610

N-S	E-W	Contract	N-S	E-W	IMP
1	15 3NT	E 3		600	0
3	7 3NT	E 4		630	-1
4	12 3NT	E 4		630	-1
8	2 3NT	E 3		600	0
10	18 3NT	E-1		100	12
13	9 3NT	E 3		600	0
14	11 3NT	W 4		630	-1
16	6 3NT	E 3		600	0
17	5 3NT	E 3		600	0

**10**

♠K52  
♥92  
♦AKQ106  
♣A65

♠6  
♥64  
♦987543  
♣J1043

♠A  
♥K753  
♦J2  
♣KQ9872

♠QJ1098743  
♥AQJ108  
♦  
♣

Board (10) Av: NS=+1320

N-S	E-W	Contract	N-S	E-W	IMP
1	15 6S	S 6	1430		3
3	7 6S	S 6	1430		3
4	12 6S	S 6	1430		3
8	2 4S	S 6	680		-12
10	18 6S	N 6	1430		3
13	9 7Cx	E-5	1400		2
14	11 6S	S 6	1430		3
16	6 7Sx	S-1		200	-17
17	5 6S	S 6	1430		3

**11**

♠ J63  
♥ AJ104  
♦ A5  
♣ A1095

♠ 108752  
♥ 8632  
♦ 943  
♣ 2

♠ AKQ4  
♥ 95  
♦ 1062  
♣ KQ87

♠ 9  
♥ KQ7  
♦ KQJ87  
♣ J643

Board (11) Av: NS=+220

N-S	E-W	Contract	N-S	E-W	IMP
1	15	5Cx S-1			100
3	7	3NT N 4	430		5
4	12	5C S-2		100	-8
8	2	4H N-1		50	-7
10	18	4H N 6	480		6
13	9	5C S-2		100	-8
14	11	4H N 5	450		6
16	6	4H N 4	420		5
17	5	4Sx E-3	500		7

**12**

♠ QJ  
♥ J7  
♦ KJ1075  
♣ 9643

♠ A86  
♥ K1054  
♦ A2  
♣ K1052

♠ 10973  
♥ A863  
♦ Q94  
♣ A7

♠ K542  
♥ Q92  
♦ 863  
♣ QJ8

Board (12) Av: NS=-210

N-S	E-W	Contract	N-S	E-W	IMP
1	15	4H E 4		420	-5
3	7	2H E 4		170	0
4	12	2H E 4		170	1
8	2	4H E 4		420	-5
10	18	2H W 3		140	2
13	9	3H E 4		170	1
14	11	2H E 4		170	1
16	6	2S E 4		170	1
17	5	2H E 4		170	1

**13**

♠ K106  
♥ 84  
♦ KJ92  
♣ 8532

♠ QJ873  
♥ K97  
♦ 73  
♣ AJ6

♠ 942  
♥ AQ62  
♦ AQ10854  
♣

♠ A5  
♥ J1053  
♦ 6  
♣ KQ10974

Board (13) Av: NS=-620

N-S	E-W	Contract	N-S	E-W	IMP
1	15	4S W 4		620	0
3	7	4S W 4		620	0
4	12	4S W 4		620	0
8	2	4S E 4		620	0
10	18	4S W 4		620	0
13	9	4S W 4		620	0
14	11	5Cx S-2		500	3
16	6	4S W 4		620	0
17	5	4S W 4		620	0

**14**

♠ 764  
♥ K8642  
♦ A5  
♣ K64

♠ QJ5  
♥ A5  
♦ Q732  
♣ 10952

♠ A102  
♥ QJ1073  
♦ K106  
♣ 83

♠ K983  
♥ 9  
♦ J984  
♣ AQJ7

Board (14) Av: NS=+30

N-S	E-W	Contract	N-S	E-W	IMP
1	15	Passout			-1
3	7	1S S 2	110		2
4	12	Passout			-1
8	2	1NT N 1	90		2
10	18	1NT N-1		50	-2
13	9	Passout			-1
14	11	1NT N 2	120		3
16	6	Passout			-1
17	5	Passout			-1

**15**

♠ J52  
♥ AJ8  
♦ 3  
♣ AK10864

♠ AKQ94  
♥ Q9  
♦ AQ54  
♣ J9

♠ 108  
♥ 76543  
♦ 1076  
♣ 732

♠ 763  
♥ K102  
♦ KJ982  
♣ Q5

Board (15) Av: NS=+110

N-S	E-W	Contract	N-S	E-W	IMP
3	13	3C N 3	110		0
4	18	3D W-3	150		1
8	5	2S W-2	100		0
9	1	3C N 3	110		0
10	6	3Cx N 3	670		11
11	17	2S W-1	50		-2
12	16	2H E-2	100		0
14	2	2S W-2	100		0
15	7	2D W-2	100		0

**16**

♠ J93  
♥ 82  
♦ AK52  
♣ 9852

♠ Q754  
♥ 98764  
♦ AJ107  
♣

♠ 108652  
♥ K3  
♦ QJ3  
♣ KQ4

♠ AKQ74  
♥ AJ1096  
♦ 10  
♣ 63

Board (16) Av: NS=+60

N-S	E-W	Contract	N-S	E-W	IMP
3	13	2H S 5	200		4
4	18	4S S-1		50	-3
8	5	1NT W-1	100		1
9	1	2H S 5	200		4
10	6	2H S 4	170		3
11	17	4S S-2		100	-4
12	16	2H S 5	200		4
14	2	2H S-2		100	-4
15	7	4S S-2		100	-4

**17**

♠ 9  
♥ AQJ  
♦ QJ853  
♣ AK53

♠ AKJ1087  
♥ 65  
♦ A42  
♣ 64

♠ 65432  
♥ 102  
♦ K76  
♣ J82

♠ Q  
♥ K98743  
♦ 109  
♣ Q1097

Board (17) Av: NS=+130

N-S	E-W	Contract	N-S	E-W	IMP
3	13	5H S-1		50	-5
4	18	4H S 4	420		7
8	5	4Sx E-2	300		5
9	1	5H S-1		50	-5
10	6	5Cx N-1		100	-6
11	17	4H S 4	420		7
12	16	5H S-1		50	-5
14	2	5H S-1		50	-5
15	7	5H S 5	450		8

**18**

♠ K976  
♥ AJ93  
♦ KQ76  
♣ Q

♠ AQJ102  
♥ 2  
♦ J1095  
♣ AK5

♠ 4  
♥ Q108764  
♦ A82  
♣ J106

♠ 853  
♥ K5  
♦ 43  
♣ 987432

Board (18) Av: NS=+90

N-S	E-W	Contract	N-S	E-W	IMP
3	13	3H E-1	50		-1
4	18	4Dx N-6		1700	-18
8	5	3H E-2	100		0
9	1	3H E-1	50		-1
10	6	3H E-2	100		0
11	17	2H E-2	100		0
12	16	3Hx E-2	300		5
14	2	3NT W-1	50		-1
15	7	4H E-3	150		2

**19**

♠ KJ842  
♥ QJ  
♦ 9752  
♣ Q3

♠ 10953  
♥ 732  
♦ Q64  
♣ A97

♠ 76  
♥ K54  
♦ K83  
♣ KJ652

♠ AQ  
♥ A10986  
♦ AJ10  
♣ 1084

Board (19) Av: NS=+150

N-S	E-W	Contract	N-S	E-W	IMP
3	13	4S N 5	450		7
4	18	2S N 5	200		2
8	5	3NT S-1		50	-5
9	1	Passout			-4
10	6	1NT S 1	90		-2
11	17	3NT S 5	460		7
12	16	2NT S 5	210		2
14	2	2H S 4	170		1
15	7	4H S-2		100	-6

**20**

♠ 5  
♥ Q108763  
♦ Q105  
♣ J73

♠ J9843  
♥ KJ9  
♦ K94  
♣ A6

♠ K76  
♥ A52  
♦ J87  
♣ K985

♠ AQ102  
♥ 4  
♦ A632  
♣ Q1042

Board (20) Av: NS=+160

N-S	E-W	Contract	N-S	E-W	IMP
3	13	3S W-1	100		-2
4	18	3S W 3		140	-7
8	5	3NT E-1	100		-2
9	1	3S W-2	200		1
10	6	3H W-2	200		1
11	17	3S W-2	200		1
12	16	3NT E-4	400		6
14	2	3S W-1	100		-2
15	7	4S W-2	200		1



**21**

♠K987  
♥QJ97  
♦7  
♣QJ85

♠A103  
♥K1065  
♦K983  
♣A2

♠QJ64  
♥A8  
♦A652  
♣K97

Board (21) Av: NS=+40

N-S	E-W	Contract	N-S	E-W	IMP
3	13 2S	S 4	170		4
4	18 1D	E 1	70		-3
8	5 1NT	E-1	50		0
9	1 1NT	E 1	90		-4
10	6 2S	S 5	200		4
11	17 2S	S 4	170		4
12	16 1D	W 1	70		-3
14	2 1D	E 1	70		-3
15	7 2NT	S 2	120		2

**22**

♠76  
♥A10  
♦AJ94  
♣AQ762

♠Q98  
♥K7632  
♦KQ2  
♣108

♠AJ  
♥85  
♦865  
♣KJ9543

Board (22) Av: NS=+100

N-S	E-W	Contract	N-S	E-W	IMP
2	11 1NT	N 3	150		2
3	10 4C	N 4	130		1
5	14 6C	S-3	150		-6
6	13 5C	N-2	100		-5
8	17 3NT	S 3	400		7
12	1 3NT	S 3	400		7
15	4 5C	N-2	100		-5
16	9 3NT	S 3	400		7
18	7 2S	E 4	170		-7

**23**

♠A107652  
♥AJ3  
♦A  
♣J43

♠K98  
♥KQ9875  
♦K  
♣1062

♠J  
♥42  
♦QJ653  
♣AQ875

Board (23) Av: NS=+30

N-S	E-W	Contract	N-S	E-W	IMP
2	11 2S	N-1	100		-4
3	10 3S	N-1	100		-4
5	14 6C	S-3	300		-8
6	13 2NT	N 4	180		4
8	17 2S	N 3	140		3
12	1 3NT	N 3	600		11
15	4 2S	N 3	140		3
16	9 2S	N 3	140		3
18	7 4S	N-2	200		-6

**24**

♠A10  
♥AKQ6  
♦J983  
♣J32

♠KQ62  
♥10875  
♦A106  
♣AK

♠J9543  
♥3  
♦K72  
♣10984

Board (24) Av: NS=-40

N-S	E-W	Contract	N-S	E-W	IMP
2	11 2S	N 2	110		4
3	10 2Sx	N-1	100		-2
5	14 2S	N-1	50		0
6	13 2S	N-3	150		-3
8	17 2S	N-1	50		0
12	1 2S	N-1	50		0
15	4 2S	N 2	110		4
16	9 2S	N-1	50		0
18	7 2S	N-2	100		-2

**25**

♠K843  
♥7432  
♦AJ953  
♣A

♠AJ952  
♥K109  
♦10  
♣9765

♠Q7  
♥QJ  
♦K874  
♣KQJ82

Board (25) Av: NS=+50

N-S	E-W	Contract	N-S	E-W	IMP
2	11 2S	E-3	300		6
3	10 3NT	N-3	150		-5
5	14 3NT	S-4	200		-6
6	13 1NT	S 2	120		2
8	17 2C	S-2	100		-4
12	1 2D	N 3	110		2
15	4 3D	N 4	130		2
16	9 2D	S 2	90		1
18	7 1NT	S 2	120		2

**26**

♠109863  
♥65  
♦J2  
♣KJ87

♠AKJ2  
♥AKJ9  
♦AK  
♣965

♠Q  
♥742  
♦Q8653  
♣AQ42

Board (26) Av: NS=-210

N-S	E-W	Contract	N-S	E-W	IMP
2	11 2NT	E 3	150		2
3	10 4H	E-1	100		7
5	14 4H	W-1	100		7
6	13 4H	W 4	620		-9
8	17 2NT	E 3	150		2
12	1 4H	E-1	100		7
15	4 2NT	E 2	120		3
16	9 3NT	E 3	600		-9
18	7 4H	W 4	620		-9

**27**

♠AJ973  
♥K108  
♦1076  
♣J8

♠64  
♥764  
♦Q943  
♣A642

♠82  
♥Q32  
♦A52  
♣Q10975

Board (27) Av: NS=-120

N-S	E-W	Contract	N-S	E-W	IMP
2	11 1NT	W 2	120		0
3	10 1NT	W 2	120		0
5	14 1NT	W 2	120		0
6	13 1NT	W 2	120		0
8	17 1NT	W 2	120		0
12	1 1NT	W 2	120		0
15	4 1NT	W 2	120		0
16	9 1NT	W 2	120		0
18	7 1NT	E 2	120		0

**28**

♠973  
♥KQ92  
♦Q97  
♣AJ9

♠K84  
♥J863  
♦8  
♣K8743

♠1062  
♥105  
♦AJ1042  
♣Q106

Board (28) Av: NS=-110

N-S	E-W	Contract	N-S	E-W	IMP
2	11 1NT	E 1	90		1
3	10 1NT	E 3	150		-1
5	14 2S	E 2	110		0
6	13 1NT	E 2	120		0
8	17 1NT	E 3	150		-1
12	1 1NT	E-1	50		4
15	4 1S	W 2	110		0
16	9 1NT	E 1	90		1
18	7 1NT	E 1	90		1

**1**

♠32  
♥A1082  
♦AQJ10986  
♣AQJ10986

♠108  
♥KQ3  
♦AQ10982  
♣74

♠AKQJ9  
♥654  
♦J763  
♣3

♠7654  
♥J97  
♦K54  
♣K52

Board (1) Av: NS=-60

N-S	E-W	Contract	N-S	E-W	IMP
2	1	5Cx	N-1	100	-1
5	4	6Cx	N-2	300	-6
6	3	4D	W 6	170	-3
7	12	5D	E-1	50	3
10	9	3NT	S 3	400	10
11	8	5Cx	N-1	100	-1
13	17	5D	E-1	50	3
14	15	5D	W-1	50	3
18	16	3D	W 6	170	-3

**2**

♠J  
♥AK10  
♦AJ10954  
♣J73

♠AQ95  
♥J65  
♦Q73  
♣864

♠K862  
♥743  
♦K8  
♣KQ95

♠10743  
♥Q982  
♦62  
♣A102

Board (2) Av: NS=+80

N-S	E-W	Contract	N-S	E-W	IMP
2	1	3D	N 3	110	1
5	4	2H	N 2	110	1
6	3	3S	W-2	100	1
7	12	2S	E-1	50	-1
10	9	2S	E-1	50	-1
11	8	2S	W-2	100	1
13	17	2D	N 3	110	1
14	15	2S	W 2	110	-5
18	16	2S	E-1	50	-1

**3**

♠J852  
♥Q10  
♦1064  
♣AQ92

♠A  
♥K7642  
♦AQJ972  
♣10

♠Q743  
♥983  
♦85  
♣J654

♠K1096  
♥AJ5  
♦K3  
♣K873

Board (3) Av: NS=+170

N-S	E-W	Contract	N-S	E-W	IMP
2	1	3S	N-1	50	-6
5	4	2Sx	S 3	570	9
6	3	3H	W-2	200	1
7	12	2NT	E-2	200	1
10	9	3D	W-2	200	1
11	8	3C	S-1	50	-6
13	17	3S	S 5	200	1
14	15	4D	W-3	300	4
18	16	2S	S 4	170	0

**4**

♠5432  
♥J6  
♦AKJ1092  
♣3

♠Q97  
♥AQ98  
♦84  
♣K1084

♠AK1086  
♥983  
♦Q3  
♣AQ92

♠J  
♥107532  
♦765  
♣K765

Board (4) Av: NS=-660

N-S	E-W	Contract	N-S	E-W	IMP
2	1	4S	E 6	680	-1
5	4	1S	E 5	200	10
6	3	4S	E 5	650	0
7	12	4S	E 6	680	-1
10	9	4S	E 5	650	0
11	8	4S	E 5	650	0
13	17	4S	E 5	650	0
14	15	4S	E 6	680	-1
18	16	4S	E 6	680	-1

**5**

♠6  
♥KJ96  
♦Q975  
♣K752

♠10832  
♥A43  
♦A103  
♣1098

♠QJ754  
♥Q10  
♦J642  
♣43

♠AK9  
♥8752  
♦K8  
♣AQJ6

Board (5) Av: NS=+110

N-S	E-W	Contract	N-S	E-W	IMP
2	1	4H	S-1	100	-5
5	4	4H	S-1	100	-5
6	3	4H	S-1	100	-5
7	12	4H	S 4	620	11
10	9	4H	S-1	100	-5
11	8	4H	S 4	620	11
13	17	4H	S-1	100	-5
14	15	4H	S-1	100	-5
18	16	4H	S 4	620	11

**6**

♠A3  
♥A1052  
♦8  
♣AQ7542

♠KJ75  
♥86  
♦QJ7  
♣10963

♠4  
♥QJ9743  
♦AK963  
♣J

♠Q109862  
♥K  
♦10542  
♣K8

Board (6) Av: NS=+290

N-S	E-W	Contract	N-S	E-W	IMP
2	1	2S	S 4	170	-3
5	4	4Sx	S-1	100	-9
6	3	4Sx	S 4	590	7
7	12	4Sx	S 4	590	7
10	9	4Hx	E-3	800	11
11	8	2D	E 2	90	-9
13	17	3S	S 3	140	-4
14	15	3H	E-1	100	-5
18	16	4H	E-5	500	5

**7**

♠632  
♥9  
♦Q1072  
♣AJ863

♠AQJ  
♥K643  
♦AJ43  
♣K7

♠10985  
♥QJ1052  
♦986  
♣Q

♠K74  
♥A87  
♦K5  
♣109542

Board (7) Av: NS=-490

N-S	E-W	Contract	N-S	E-W	IMP
2	1	4H	E 4	620	-4
5	4	4H	E 4	620	-4
6	3	4H	E 4	620	-4
7	12	4H	W-1	100	11
10	9	4H	W 4	620	-4
11	8	3H	E 4	170	8
13	17	4H	E 4	620	-4
14	15	4H	E 4	620	-4
18	16	2H	E 4	170	8

**8**

♠J843  
♥K4  
♦107  
♣AJ1064

♠AK975  
♥Q9  
♦KQ4  
♣Q83

♠102  
♥A1085  
♦986  
♣K975

♠Q6  
♥J7632  
♦AJ532  
♣2

Board (8) Av: NS=-80

N-S	E-W	Contract	N-S	E-W	IMP
1	3	1NT	W 3	150	-2
4	2	3NT	E 4	430	-8
5	6	2NT	E-1	50	4
7	8	3H	N-2	100	-1
9	12	2S	N-3	150	-2
10	11	2NT	N-3	150	-2
15	16	3NT	W-2	100	5
17	14	3C	W-1	50	4
18	13	2NT	E 2	120	-1

**9**

♠6  
♥AJ10863  
♦642  
♣963

♠AKJ9  
♥Q5  
♦Q8  
♣AQJ54

♠Q1074  
♥K92  
♦AKJ9  
♣K8

♠8532  
♥74  
♦10753  
♣1072

Board (9) Av: NS=-1340

N-S	E-W	Contract	N-S	E-W	IMP
1	3	5S	E 6	680	12
4	2	6S	E 6	1430	-3
5	6	6NT	E 6	1440	-3
7	8	6S	E 7	1460	-3
9	12	4S	E 6	680	12
10	11	6NT	E 7	1470	-4
15	16	6NT	E 6	1440	-3
17	14	6S	E 6	1430	-3
18	13	7NT	E 7	2220	-13

**10**

♠103  
♥J94  
♦AK1075  
♣876

♠AQ642  
♥A5  
♦AJ9532  
♣AJ9532

♠J987  
♥8632  
♦Q86  
♣KQ

♠K5  
♥KQ107  
♦J9432  
♣104

Board (10) Av: NS=-690

N-S	E-W	Contract	N-S	E-W	IMP
1	3	4S	W 6	680	0
4	2	4S	W 6	680	0
5	6	4S	W 7	710	-1
7	8	4S	W 6	680	0
9	12	5S	E 6	680	0
10	11	4S	W 6	680	0
15	16	4S	W 7	710	-1
17	14	4S	W 7	710	-1
18	13	4S	E 7	710	-1

**11**

♠K542  
♥Q43  
♦K5  
♣AKQ3

♠986  
♥986  
♦64  
♣J8654

♠A103  
♥K2  
♦AQJ9832  
♣7

♠QJ7  
♥AJ1075  
♦107  
♣1092

Board (11) Av: NS=+390

N-S	E-W	Contract	N-S	E-W	IMP
1	3 4H	S 4	420		1
4	2 4H	S 4	420		1
5	6 4H	N 4	420		1
7	8 3H	N 5	200		-5
9	12 3NT	N 3	400		0
10	11 4H	N 5	450		2
15	16 3S	N 3	140		-6
17	14 4H	S 4	420		1
18	13 4H	N 5	450		2

**12**

♠J7652  
♥AJ2  
♦KQJ3  
♣J

♠A1098  
♥K5  
♦4  
♣KQ9632

♠43  
♥Q10983  
♦A872  
♣75

♠KQ  
♥764  
♦10965  
♣A1084

Board (12) Av: NS=0

N-S	E-W	Contract	N-S	E-W	IMP
1	3 3H	E 3		140	-4
4	2 3C	W-1	50		2
5	6 3D	N 3	110		3
7	8 2C	W 2		90	-3
9	12 3C	E-1	50		2
10	11 3C	E-1	50		2
15	16 2C	W-1	50		2
17	14 3C	W-1	50		2
18	13 2S	N-2	200		-5

**13**

♠J  
♥J3  
♦J7432  
♣J9732

♠K5  
♥AK10962  
♦AQ8  
♣K10

♠10974  
♥Q  
♦K1095  
♣Q854

♠AQ8632  
♥8754  
♦6  
♣A6

Board (13) Av: NS=-80

N-S	E-W	Contract	N-S	E-W	IMP
1	3 4H	W-1	100		5
4	2 4H	W-1	100		5
5	6 3NT	E 5	660		-11
7	8 3H	W 4	170		-3
9	12 4H	W-1	100		5
10	11 4H	W 4	620		-11
15	16 6D	W-4	400		10
17	14 2H	W 3	140		-2
18	13 4H	W-1	100		5

**14**

♠K93  
♥AQJ109  
♦KQ8  
♣Q9

♠8542  
♥742  
♦J5  
♣AKJ6

♠1076  
♥K  
♦A109742  
♣542

♠AQJ  
♥8653  
♦63  
♣10873

Board (14) Av: NS=-10

N-S	E-W	Contract	N-S	E-W	IMP
1	3 4H	S-1		50	-1
4	2 1NT	N 3	150		4
5	6 2NT	N 2	120		4
7	8 4H	S-1		50	-1
9	12 4H	N-1		50	-1
10	11 4H	N-1		50	-1
15	16 2H	N 3	140		4
17	14 2NT	N-5	250		-6
18	13 1NT	N-3	150		-4

**15**

♠J64  
♥J87  
♦QJ42  
♣K75

♠AQ1075  
♥10953  
♦A5  
♣106

♠K9832  
♥K62  
♦976  
♣32

♠AQ4  
♥K1083  
♣AQ984

Board (15) Av: NS=+430

N-S	E-W	Contract	N-S	E-W	IMP
2	6 5C	S 5	600		5
4	1 5C	S 5	600		5
5	3 5C	S 5	600		5
8	10 4S	W-3	150		-7
9	7 5C	N 6	620		5
12	11 4Sx	W-3	500		2
14	13 5Sx	W-3	500		2
15	18 3S	W-1	50		-9
17	16 3S	W-1	50		-9

**16**

♠K1072  
♥Q82  
♦AJ  
♣J863

♠A94  
♥K75  
♦K10965  
♣104

♠J6  
♥AJ964  
♦4  
♣KQ952

♠Q853  
♥103  
♦Q8732  
♣A7

Board (16) Av: NS=-110

N-S	E-W	Contract	N-S	E-W	IMP
2	6 2H	E 3	140		-1
4	1 4H	E 4	620		-11
5	3 3H	E 4	170		-2
8	10 2H	W 4	170		-2
9	7 4H	W-1	100		5
12	11 2H	E 2	110		0
14	13 3S	S-3	150		-1
15	18 3H	E 3	140		-1
17	16 4H	E-1	100		5

**17**

♠J42  
♥A42  
♦AQ1073  
♣85

♠Q976  
♥J6  
♦965  
♣KJ96

♠1085  
♥KQ75  
♦84  
♣AQ42

♠AK3  
♥10983  
♦KJ2  
♣1073

Board (17) Av: NS=+80

N-S	E-W	Contract	N-S	E-W	IMP
2	6 1NT	E-1	50		-1
4	1 1D	N 2	90		0
5	3 2NT	S 2	120		1
8	10 2D	S 2	90		0
9	7 Passout				-2
12	11 Passout				-2
14	13 2NT	N 2	120		1
15	18 3D	N 3	110		1
17	16 1NT	N 2	120		1

**18**

♠J653  
♥109875  
♦A  
♣K53

♠A108  
♥AQ6  
♦J53  
♣Q987

♠42  
♥KJ32  
♦108  
♣AJ642

♠KQ97  
♥4  
♦KQ97642  
♣10

Board (18) Av: NS=-10

N-S	E-W	Contract	N-S	E-W	IMP
2	6 2D	S 4	130		4
4	1 4C	E 4	130		-3
5	3 3NT	S-4	400		-9
8	10 2D	S 4	130		4
9	7 4C	E 4	130		-3
12	11 3S	N-1	100		-3
14	13 3D	S 4	130		4
15	18 3C	E 3	110		-3
17	16 3D	S 4	130		4

**19**

♠A9753  
♥J7  
♦7643  
♣32

♠K  
♥A10962  
♦K10985  
♣KJ

♠QJ4  
♥KQ43  
♦A  
♣109654

♠10862  
♥85  
♦QJ2  
♣AQ87

Board (19) Av: NS=-650

N-S	E-W	Contract	N-S	E-W	IMP
2	6 4H	W 5	650		0
4	1 4H	W 6	680		-1
5	3 4H	E 5	650		0
8	10 4H	W 5	650		0
9	7 4H	E 5	650		0
12	11 4H	W 5	650		0
14	13 4H	W 6	680		-1
15	18 4H	W 5	650		0
17	16 4H	W 5	650		0

**20**

♠10532  
♥KQ9  
♦KQJ  
♣873

♠K94  
♥75  
♦10  
♣QJ106542

♠A  
♥AJ102  
♦87642  
♣AK9

♠QJ876  
♥8643  
♦A953  
♣

Board (20) Av: NS=-560

N-S	E-W	Contract	N-S	E-W	IMP
2	6 3NT	E 4	630		-2
4	1 3NT	E 4	630		-2
5	3 3NT	E 4	630		-2
8	10 3NT	E 4	630		-2
9	7 3NT	E 7	720		-4
12	11 3NT	W 4	630		-2
14	13 5C	W 5	600		-1
15	18 1NT	W 4	180		9
17	16 2S	S 3	140		12

**21** ♠K982  
♥A3  
♦5  
♣AQJ1083

♠7 ♠QJ654  
♥109854 ♡QJ6  
♦A7 ♢Q643  
♣K7642 ♣5

♠A103  
♥K72  
♦KJ10982  
♣9

Board (21) Av: NS=+610

N-S	E-W	Contract	N-S	E-W	IMP
2	6	3NT N 3	600		0
4	1	3NT S 3	600		0
5	3	3NT N 3	600		0
8	10	3NT S 3	600		0
9	7	3NT S 4	630		1
12	11	3NT N 3	600		0
14	13	3NT N 5	660		2
15	18	3NT N 3	600		0
17	16	3NT N 5	660		2

**22** ♠A10743  
♥108  
♦Q53  
♣K74

♠5 ♠J962  
♥K74 ♡Q652  
♦KJ862 ♢9  
♣Q952 ♣AJ106

♠KQ8  
♥AJ93  
♦A1074  
♣83

Board (22) Av: NS=-40

N-S	E-W	Contract	N-S	E-W	IMP
1	5	3S S-2	100		-2
3	2	4S N-3	150		-3
6	4	3S N-1	50		0
8	12	1NT S-1	50		0
10	7	1NT S-1	50		0
11	9	1NT S 1	90		4
14	16	4S N-2	100		-2
15	13	1NT S-1	50		0
17	18	1NT S 2	120		4

**23** ♠1053  
♥3  
♦AK10863  
♣A62

♠AQ98 ♠74  
♥98642 ♡AKJ10  
♦W E ♢QJ52  
♣J974 ♣KQ5

♠KJ62  
♥Q75  
♦974  
♣1083

Board (23) Av: NS=-520

N-S	E-W	Contract	N-S	E-W	IMP
1	5	4H E 5	650		-4
3	2	4H E 5	650		-4
6	4	4H E 5	650		-4
8	12	4H W 5	650		-4
10	7	3H E 4	170		8
11	9	4H E 5	650		-4
14	16	2H E 5	200		8
15	13	4H E 5	650		-4
17	18	2D N-2	200		8

**24** ♠J4  
♥107  
♦QJ8765  
♣A43

♠K95 ♠A108  
♥J ♡K6432  
♦K109 ♢A43  
♣KQJ982 ♣76

♠Q7632  
♥AQ985  
♦2  
♣105

Board (24) Av: NS=-440

N-S	E-W	Contract	N-S	E-W	IMP
1	5	3NT E 4	430		0
3	2	3NT W 6	490		-2
6	4	3NT W 4	430		0
8	12	3NT E 4	430		0
10	7	3NT E 3	400		1
11	9	3NT W 4	430		0
14	16	3NT W 5	460		-1
15	13	3NT E 4	430		0
17	18	3NT E 5	460		-1

**25** ♠J1072  
♥KQ52  
♦  
♣KQJ53

♠Q94 ♠K83  
♥AJ64 ♡873  
♦KJ32 ♢54  
♣42 ♣A10876

♠A65  
♥109  
♦AQ109876  
♣9

Board (25) Av: NS=-60

N-S	E-W	Contract	N-S	E-W	IMP
1	5	3NT N-1	50		0
3	2	3NT S-2	100		-1
6	4	3D S-1	50		0
8	12	3D S-1	50		0
10	7	3NT N-2	100		-1
11	9	3NT N-1	50		0
14	16	3D S-1	50		0
15	13	3D S-1	50		0
17	18	3D S-1	50		0

**26** ♠KQ  
♥QJ72  
♦AJ654  
♣A10

♠A98642 ♠J5  
♥A9854 ♡K3  
♦KQ ♢109872  
♣

♠1073  
♥106  
♦3  
♣J975432

Board (26) Av: NS=-70

N-S	E-W	Contract	N-S	E-W	IMP
1	5	3S W-1	100		5
3	2	2S W 3	140		-2
6	4	2S W 3	140		-2
8	12	3S W 3	140		-2
10	7	2S W 3	140		-2
11	9	4S W-1	100		5
14	16	4S W-1	100		5
15	13	3S W 3	140		-2
17	18	4Dx N-5	1400		-16

**27** ♠73  
♥52  
♦AK1087  
♣AQ95

♠AKJ6 ♠8542  
♥AK986 ♡QJ10  
♦Q2 ♢65  
♣K3 ♣J1042

♠Q109  
♥743  
♦J943  
♣876

Board (27) Av: NS=-30

N-S	E-W	Contract	N-S	E-W	IMP
1	5	3H W 3	140		-3
3	2	3NT W-2	100		4
6	4	4S W-1	50		2
8	12	4H W-1	50		2
10	7	3NT W 3	400		-9
11	9	4S W 4	420		-9
14	16	4H W-1	50		2
15	13	4H W-2	100		4
17	18	4H W-1	50		2

**28** ♠95  
♥98  
♦KJ104  
♣AKJ52

♠1062 ♠AK83  
♥AKJ6 ♡Q754  
♦A87 ♢Q62  
♣943 ♣106

♠QJ74  
♥1032  
♦953  
♣Q87

Board (28) Av: NS=-90

N-S	E-W	Contract	N-S	E-W	IMP
1	5	4H E-1	50		4
3	2	3H E 3	140		-2
6	4	3S E 3	140		-2
8	12	3H E 3	140		-2
10	7	4H E 4	420		-8
11	9	3H E-1	50		4
14	16	4H E-1	50		4
15	13	2H W 3	140		-2
17	18	2H E 3	140		-2

**29** ♠A84  
♥KJ92  
♦Q1082  
♣Q2

♠KQ2 ♠J10953  
♥AQ7 ♡10643  
♦94 ♢J  
♣AJ1085 ♣763

♠76  
♥85  
♦AK7653  
♣K94

Board (29) Av: NS=+330

N-S	E-W	Contract	N-S	E-W	IMP
3	4	3NT N 3	600		7
5	2	3D N 4	130		-5
6	1	3NT N 3	600		7
7	11	3NT N 3	600		7
9	8	2NT N 2	120		-5
10	12	3D N 5	150		-5
14	18	3NT S 5	660		8
15	17	3D N 4	130		-5
16	13	3D N 4	130		-5

**30** ♠AK62  
♥J32  
♦AQJ10  
♣42

♠J943 ♠Q1087  
♥64 ♡AKQ987  
♦965 ♢K4  
♣AKJ10 ♣6

♠5  
♥105  
♦8732  
♣Q98753

Board (30) Av: NS=-60

N-S	E-W	Contract	N-S	E-W	IMP
3	4	4Sx E 4	590		-11
5	2	4Sx W-1	100		4
6	1	2H E 4	170		-3
7	11	4H E-2	100		4
9	8	4H E-1	50		3
10	12	2H E 5	200		-4
14	18	4S W-1	50		3
15	17	2S W 2	110		-2
16	13	3S W 4	170		-3

**31**

♠KQ6  
♥975432  
♦107  
♣Q8

♠109852  
♥AQ  
♦A2  
♣J654

♠J43  
♥K9865  
♦K10732

♠A7  
♥KJ1086  
♦QJ43  
♣A9

**32**

♠KQJ52  
♥J  
♦832  
♣QJ32

♠84  
♥AK  
♦J1095  
♣AK1098

♠1097  
♥107532  
♦KQ6  
♣74

♠A63  
♥Q9864  
♦A74  
♣65

**33**

♠1092  
♥K10542  
♦J42  
♣AK

♠543  
♥A983  
♦K6  
♣9764

♠J7  
♥76  
♦Q10987  
♣Q1082

♠AKQ86  
♥QJ  
♦A53  
♣J53

**34**

♠109863  
♥109  
♦QJ2  
♣1082

♠AQ  
♥AK84  
♦107654  
♣93

♠5  
♥J532  
♦K83  
♣AKQ75

♠KJ742  
♥Q76  
♦A9  
♣J64

**35**

♠8643  
♥AJ1052  
♦K1072  
♣

♠92  
♥  
♦A984  
♣QJ107543

♠KQJ75  
♥K986  
♦Q5  
♣82

♠A10  
♥Q743  
♦J63  
♣AK96

Board (31) Av: NS=-160

N-S	E-W	Contract	N-S	E-W	IMP
3	4	4Sx	W-1	100	6
5	2	4H	S-1	100	2
6	1	4Sx	W 4	590	-10
7	11	4H	S-1	100	2
9	8	5Hx	S-2	500	-8
10	12	5Hx	S-2	500	-8
14	18	4H	N-1	100	2
15	17	4S	W-1	50	5
16	13	4Sx	W-1	100	6

Board (32) Av: NS=+90

N-S	E-W	Contract	N-S	E-W	IMP
3	4	2Hx	E-1	200	3
5	2	2S	N 2	110	1
6	1	2S	N 3	140	2
7	11	2H	E-1	100	0
9	8	2S	N 2	110	1
10	12	2S	N 2	110	1
14	18	3S	N-1	50	-4
15	17	2S	N 2	110	1
16	13	3S	N-1	50	-4

Board (33) Av: NS=+460

N-S	E-W	Contract	N-S	E-W	IMP
3	4	4S	S 4	420	-1
5	2	4S	S 6	480	1
6	1	4S	S 6	480	1
7	11	4S	S 4	420	-1
9	8	3NT	N 4	430	-1
10	12	4S	N 5	450	0
14	18	4S	S 6	480	1
15	17	4H	N 5	450	0
16	13	4S	S 6	480	1

Board (34) Av: NS=-430

N-S	E-W	Contract	N-S	E-W	IMP
3	4	4H	E 5	450	-1
5	2	4H	E 4	420	0
6	1	4H	E 5	450	-1
7	11	4H	E 5	450	-1
9	8	4H	E 4	420	0
10	12	4H	E 4	420	0
14	18	4H	E 4	420	0
15	17	4H	E 5	450	-1
16	13	5D	W 5	400	1

Board (35) Av: NS=-30

N-S	E-W	Contract	N-S	E-W	IMP
3	4	4H	N 4	420	10
5	2	4H	N-1	50	-1
6	1	4H	N-2	100	-2
7	11	2H	N 3	140	5
9	8	4H	N-1	50	-1
10	12	4H	N-2	100	-2
14	18	4H	N-1	50	-1
15	17	4H	N-1	50	-1
16	13	4H	N-1	50	-1