

1						
♠ J8 ♥ 75 ♦ J1097 ♣ K10964 ♠ KQ743 ♥ J984 ♦ ♣ J832 ♠ A9 ♥ AQ63 ♦ AKQ62 ♣ A7 ♠ 10652 ♥ K102 ♦ 8543 ♣ Q5 W N E S						
NS	EW	Contract	N-S	E-W	MP	
11	15	6H E-1	50		9	
16	9	3NT E 3		400	7.5	
17	2	3NT E 3		400	7.5	
7	19	4H E 5		450	6	
20	10	3NT E 5		460	5	
8	14	4H E 6		480	4	
18	6	6H W 6		980	1.5	
21	1	6H E 6		980	1.5	
4	12	6H E 6		980	1.5	
5	13	6H E 6		980	1.5	

2						
♠ K1072 ♥ J63 ♦ 3 ♣ AJ982 ♠ Q965 ♥ K10 ♦ K82 ♣ K763 ♠ 43 ♥ AQ8752 ♦ Q109 ♣ 104 ♠ AJ8 ♥ 94 ♦ AJ7654 ♣ Q5 W N E S						
NS	EW	Contract	N-S	E-W	MP	
5	13	3H E-3	150		9	
8	14	3H E-2	100		8	
11	15	3H E-1	50		6.5	
7	19	2H E-1	50		6.5	
4	12	4S N-1		100	4	
21	1	3D S-1		100	4	
18	6	3D S-1		100	4	
17	2	2H E 2		110	2	
20	10	4D S-2		200	0.5	
16	9	3D S-2		200	0.5	

3						
♠ AK643 ♥ 86 ♦ 1073 ♣ 1094 ♠ J85 ♥ AQJ104 ♦ 5 ♣ 7632 ♠ 1092 ♥ K97 ♦ AK64 ♣ K85 ♠ Q7 ♥ 532 ♦ QJ982 ♣ AQJ W N E S						
NS	EW	Contract	N-S	E-W	MP	
8	14	4H W-2	200		8	
21	1	3H W-2	200		8	
5	13	3H W-2	200		8	
7	19	3S N 3	140		5.5	
16	9	2S N 3	140		5.5	
4	12	2S N 2	110		4	
20	10	2H W-1	100		2	
18	6	2H W-1	100		2	
11	15	2H W-1	100		2	
17	2	1NT S-1		50	0	

4						
♠ 103 ♥ QJ5 ♦ 1062 ♣ AKJ93 ♠ A642 ♥ 73 ♦ AQ75 ♣ Q108 ♠ QJ98 ♥ A42 ♦ J943 ♣ 72 ♠ K75 ♥ K10986 ♦ K8 ♣ 654 W N E S						
NS	EW	Contract	N-S	E-W	MP	
20	11	4S W-1	100		8.5	
19	5	3S W-1	100		8.5	
6	17	3C N-1		100	7	
21	2	3D W 3		110	6	
12	10	3S W 3		140	3	
13	8	3S W 3		140	3	
7	14	3S W 3		140	3	
4	18	3S E 3		140	3	
1	15	2S E 3		140	3	
16	3	2S E 4		170	0	

5						
♠ AJ109 ♥ 10 ♦ Q854 ♣ AJ103 ♠ 873 ♥ J85432 ♦ A2 ♣ 95 ♠ KQ652 ♥ Q96 ♦ K7 ♣ K72 ♠ 4 ♥ AK7 ♦ J10963 ♣ Q864 W N E S						
NS	EW	Contract	N-S	E-W	MP	
12	10	3NT N 3	600		8	
4	18	3NT N 3	600		8	
7	14	3NT N 3	600		8	
19	5	4D N 4	130		4.5	
13	8	4D N 4	130		4.5	
20	11	3D S 4	130		4.5	
16	3	3D N 4	130		4.5	
6	17	3Sx E-1	100		2	
21	2	5D S-1		100	0.5	
1	15	5D N-1		100	0.5	

6						
♠ 1073 ♥ AKJ42 ♦ K7 ♣ 1063 ♠ Q94 ♥ Q83 ♦ Q92 ♣ 9742 ♠ 8652 ♥ 5 ♦ AJ643 ♣ K85 ♠ AKJ ♥ 10976 ♦ 1085 ♣ AQJ W N E S						
NS	EW	Contract	N-S	E-W	MP	
16	3	4H S 4	420		8.5	
7	14	4H S 4	420		8.5	
12	10	4H S-1		50	3.5	
21	2	4H S-1		50	3.5	
19	5	4H S-1		50	3.5	
6	17	4H S-1		50	3.5	
4	18	4H S-1		50	3.5	
13	8	4H S-1		50	3.5	
20	11	4H S-1		50	3.5	
1	15	3NT S-1		50	3.5	

7

♠10743
♥Q105
♦62
♣J1085

♠A986
♥
♦KQ743
♣KQ73

N
W—E
S

♠QJ
♥KJ74
♦AJ9
♣A964

♠K52
♥A98632
♦1085
♣2

NS	EW	Contract	N-S	E-W	MP
14	6	6NT E-2	200		9
15	9	3NT E 4		630	6.5
21	3	3NT E 4		630	6.5
1	12	3NT E 4		630	6.5
16	5	3NT E 4		630	6.5
2	20	3NT W 5		660	2.5
10	13	3NT E 5		660	2.5
18	7	3NT E 5		660	2.5
11	17	3NT E 5		660	2.5
19	8	3NT E 6		690	0

8

♠KJ976
♥
♦AQJ98
♣A102

♠Q4
♥KQ4
♦K1062
♣9876

N
W—E
S

♠2
♥A109863
♦53
♣KQJ4

♠A10853
♥J752
♦74
♣53

NS	EW	Contract	N-S	E-W	MP
2	20	4S N 7	510		8.5
16	5	4S N 7	510		8.5
21	3	5Hx E-3	500		7
18	7	5S N 6	480		3
14	6	5S N 6	480		3
19	8	4S N 6	480		3
15	9	4S N 6	480		3
10	13	4S N 6	480		3
1	12	4S N 6	480		3
11	17	4S N 6	480		3

9

♠QJ10986
♥K8
♦KJ7
♣106

♠74
♥AJ1054
♦AQ104
♣Q5

N
W—E
S

♠K2
♥Q3
♦9862
♣KJ842

♠A53
♥9762
♦53
♣A973

NS	EW	Contract	N-S	E-W	MP
16	5	4S N 4	420		9
21	3	4H W-3	300		7.5
1	12	4H W-3	300		7.5
10	13	4H W-2	200		6
19	8	3S N 4	170		3
15	9	3S N 4	170		3
14	6	3S N 4	170		3
18	7	2S N 4	170		3
11	17	2S N 4	170		3
2	20	3S N 3	140		0

10

♠AQ10
♥J932
♦KJ974
♣7

♠432
♥AKQ105
♦3
♣AQJ6

N
W—E
S

♠KJ5
♥764
♦Q10
♣K10432

♠9876
♥8
♦A8652
♣985

NS	EW	Contract	N-S	E-W	MP
1	18	4H W-3	300		9
9	12	3NT E-2	200		8
8	16	4H W-1	100		7
21	4	3H W 3		140	6
15	7	3H W 4		170	5
13	11	4H W 4		620	2
20	5	4H W 4		620	2
14	10	4H W 4		620	2
3	17	4H W 4		620	2
19	2	4H W 4		620	2

11

♠Q964
♥9764
♦Q
♣J1074

♠K53
♥J52
♦AJ93
♣852

N
W—E
S

♠J102
♥83
♦K10875
♣KQ3

♠A87
♥AKQ10
♦642
♣A96

NS	EW	Contract	N-S	E-W	MP
14	10	1NT S 2	120		8
21	4	1NT S 2	120		8
19	2	1NT S 2	120		8
8	16	1NT S 1	90		5
9	12	1NT S 1	90		5
1	18	1NT S 1	90		5
3	17	1NT W-1	50		3
13	11	1NT S-1		50	1
20	5	1NT S-1		50	1
15	7	1NT S-1		50	1

12

♠643
♥9743
♦QJ982
♣4

♠K105
♥J106
♦A3
♣K9532

N
W—E
S

♠AQJ872
♥AKQ
♦64
♣107

♠9
♥852
♦K1075
♣AQJ86

NS	EW	Contract	N-S	E-W	MP
3	17	6S E-1	50		9
21	4	4S E 4		420	8
13	11	4S E 5		450	4
20	5	4S E 5		450	4
8	16	4S E 5		450	4
14	10	4S E 5		450	4
19	2	4S E 5		450	4
15	7	4S E 5		450	4
1	18	4S E 5		450	4
9	12	4S E 6		480	0

13

♠ QJ94
♥ 1062
♦ KJ108
♣ AJ

♠ 3
♥ K843
♦ 74
♣ KQ9632

♠ A108652
♥ J7
♦ A632
♣ 8

♠ K7
♥ AQ95
♦ Q95
♣ 10754

NS	EW	Contract	N-S	E-W	MP
16	11	3NT N 4	630		8
21	5	3NT N 4	630		8
8	20	3NT N 4	630		8
14	2	3NT N 3	600		5
18	9	3NT N 3	600		5
13	4	3NT N 3	600		5
6	19	2NT N 4	180		2.5
10	15	2NT N 4	180		2.5
17	1	2NT N 3	150		1
3	12	3NT N-1		100	0

14

♠ AJ4
♥ J863
♦ KQ107
♣ KJ

♠ 1083
♥ 1092
♦ A952
♣ 743

♠ K965
♥ K4
♦ 8643
♣ Q65

♠ Q72
♥ AQ75
♦ J
♣ A10982

NS	EW	Contract	N-S	E-W	MP
10	15	3NT N 6	490		9
14	2	4H N 6	480		5.5
6	19	4H N 6	480		5.5
21	5	4H N 6	480		5.5
8	20	4H N 6	480		5.5
18	9	4H N 6	480		5.5
3	12	4H N 6	480		5.5
13	4	4H N 5	450		2
17	1	4H N 4	420		1
16	11	4H N-1		50	0

15

♠ J2
♥ 103
♦ AKJ109
♣ 8753

♠ 1084
♥ 865
♦ 8653
♣ KQ10

♠ Q53
♥ AKJ972
♦ 2
♣ AJ2

♠ AK976
♥ Q4
♦ Q74
♣ 964

NS	EW	Contract	N-S	E-W	MP
6	19	4H E-1	50		8
13	4	4H E-1	50		8
3	12	4H E-1	50		8
14	2	3H E 3		140	3.5
16	11	3H E 3		140	3.5
17	1	3H E 3		140	3.5
10	15	3H E 3		140	3.5
8	20	3H E 3		140	3.5
18	9	3H E 3		140	3.5
21	5	3H E 4		170	0

16

♠ Q
♥ AJ965
♦ K7
♣ AQ1073

♠ AJ1052
♥ 2
♦ J83
♣ K982

♠ K8643
♥ KQ73
♦ 52
♣ 54

♠ 97
♥ 1084
♦ AQ10964
♣ J6

NS	EW	Contract	N-S	E-W	MP
17	9	4H N 4	420		8
7	13	4H N 4	420		8
10	16	4H N 4	420		8
20	3	4S W-1	100		6
8	15	5H N-1		50	2.5
19	4	4H N-1		50	2.5
11	18	4H N-1		50	2.5
21	6	4H N-1		50	2.5
12	5	4H N-1		50	2.5
14	1	4H N-1		50	2.5

17

♠ J8643
♥ A8
♦ A7
♣ 10964

♠ KQ1052
♥ J932
♦ 62
♣ 85

♠ K654
♥ QJ1043
♣ J732

♠ A97
♥ Q107
♦ K985
♣ AKQ

NS	EW	Contract	N-S	E-W	MP
10	16	3NT S 4	430		8
12	5	3NT S 4	430		8
14	1	3NT S 4	430		8
7	13	3NT N 3	400		6
8	15	4S S-1		50	3.5
19	4	4S N-1		50	3.5
21	6	4S N-1		50	3.5
20	3	3S N-1		50	3.5
11	18	4S N-2		100	1
17	9	4S N-3		150	0

18

♠ 654
♥ AK982
♦ 976
♣ 65

♠ KQ87
♥ 43
♦ J52
♣ QJ42

♠ AJ1032
♥ 765
♦ Q84
♣ AK

♠ 9
♥ QJ10
♦ AK103
♣ 109873

NS	EW	Contract	N-S	E-W	MP
17	9	4S E-1	50		8
20	3	4S E-1	50		8
8	15	4S E-1	50		8
14	1	2S E 3		140	6
12	5	3S E 4		170	4.5
10	16	2S E 4		170	4.5
19	4	4S E 4		420	1.5
11	18	4S E 4		420	1.5
7	13	4S E 4		420	1.5
21	6	4S E 4		420	1.5

19

♠Q4
♥KQ10965
♦Q10
♣A96

♠AKJ632
♥74
♦984
♣84

N
W—E
S

♠1097
♥J2
♦K6532
♣K105

♠85
♥A83
♦AJ7
♣QJ732

NS	EW	Contract	N-S	E-W	MP
2	15	4H N 5	450		9
18	5	4H N 4	420		4
13	1	4H N 4	420		4
9	14	4H N 4	420		4
12	11	4H N 4	420		4
4	16	4H N 4	420		4
21	7	4H N 4	420		4
17	10	4H N 4	420		4
19	3	4H N 4	420		4
6	20	4H N 4	420		4

20

♠QJ5
♥A954
♦J983
♣AK

♠A83
♥K763
♦5
♣98764

N
W—E
S

♠K107
♥1082
♦K10642
♣32

♠9642
♥QJ
♦AQ7
♣QJ105

NS	EW	Contract	N-S	E-W	MP
4	16	3NT N 5	660		8.5
6	20	3NT N 5	660		8.5
13	1	3NT N 4	630		6.5
2	15	3NT N 4	630		6.5
18	5	3NT N 3	600		3
9	14	3NT N 3	600		3
12	11	3NT N 3	600		3
17	10	3NT N 3	600		3
19	3	3NT N 3	600		3
21	7	3NT N-1		100	0

21

♠A43
♥642
♦K103
♣KQ94

♠KJ1086
♥Q1075
♦8
♣753

N
W—E
S

♠Q752
♥AKJ
♦A765
♣A8

♠9
♥983
♦QJ942
♣J1062

NS	EW	Contract	N-S	E-W	MP
21	7	2S E 5		200	9
18	5	4S W 5		450	4
13	1	4S W 5		450	4
9	14	4S W 5		450	4
12	11	4S W 5		450	4
4	16	4S W 5		450	4
17	10	4S W 5		450	4
19	3	4S W 5		450	4
6	20	4S W 5		450	4
2	15	4S E 5		450	4

22

♠AJ3
♥7532
♦K53
♣1065

♠982
♥AK86
♦1086
♣Q42

N
W—E
S

♠754
♥Q109
♦AQ97
♣AJ9

♠KQ106
♥J4
♦J42
♣K873

NS	EW	Contract	N-S	E-W	MP
12	7	3D E-1	100		9
14	3	2S N-1		50	7
5	17	2S N-1		50	7
9	13	2S N-1		50	7
11	19	1NT E 1		90	5
15	6	1NT E 2		120	2.5
21	8	1NT E 2		120	2.5
18	10	1NT E 2		120	2.5
2	16	1NT E 2		120	2.5
20	4	2D N-3		150	0

23

♠QJ743
♥A84
♦94
♣Q83

♠A82
♥KQ532
♦3
♣J975

N
W—E
S

♠K10
♥J97
♦AKJ862
♣64

♠965
♥106
♦Q1075
♣AK102

NS	EW	Contract	N-S	E-W	MP
14	3	2NT W-4	400		9
21	8	3NT E-1	100		7.5
15	6	3H W-1	100		7.5
20	4	Passout			6
5	17	2D E 2		90	4.5
18	10	2D E 2		90	4.5
12	7	2H W 3		140	2.5
2	16	2H W 3		140	2.5
9	13	3H W 4		170	0.5
11	19	2H W 4		170	0.5

24

♠1063
♥7
♦A9
♣AQ97432

♠KQ52
♥A10652
♦85
♣K8

N
W—E
S

♠A
♥KQ84
♦KJ763
♣J65

♠J9874
♥J93
♦Q1042
♣10

NS	EW	Contract	N-S	E-W	MP
5	17	4H W-1	50		8.5
20	4	4H W-1	50		8.5
14	3	4H W 4		420	4.5
15	6	4H W 4		420	4.5
11	19	4H W 4		420	4.5
9	13	4H W 4		420	4.5
21	8	4H W 4		420	4.5
18	10	4H W 4		420	4.5
12	7	4H W 5		450	1
2	16	5Cx N-4		800	0

25

♠ Q6	♠ 1087		♠ AJ92
♥ KQ9	♥ AJ75		♥ 86432
♦ AK54	♦ 96		♦ 8732
♣ AK103	♣ 7542		♣
		N	
		W — E	
		S	
		♠ K543	
		♥ 10	
		♦ QJ10	
		♣ QJ986	

NS	EW	Contract	N-S	E-W	MP
21	9	4S E-3	300		9
14	11	4H W-1	100		7
16	1	4H W-1	100		7
12	6	4H W-1	100		7
15	4	3NT W 3		600	4
13	2	3NT W 3		600	4
3	18	3NT W 3		600	4
17	8	4H W 4		620	1
7	20	4H W 4		620	1
10	19	4H E 4		620	1

26

♠ 854	♠ 109		♠ Q76
♥ Q1042	♥ K96		♥ A7
♦ 1094	♦ AJ86		♦ Q532
♣ J43	♣ K752		♣ Q1096
		N	
		W — E	
		S	
		♠ AKJ32	
		♥ J853	
		♦ K7	
		♣ A8	

NS	EW	Contract	N-S	E-W	MP
10	19	3NT S 5	660		7.5
7	20	3NT N 5	660		7.5
14	11	3NT N 5	660		7.5
21	9	3NT N 5	660		7.5
15	4	3NT S 4	630		5
13	2	3NT N 3	600		3
3	18	3NT N 3	600		3
16	1	3NT N 3	600		3
17	8	2S S 4	170		1
12	6	3NT N-1		100	0

27

♠ K52	♠ J109		♠ AQ7
♥ KJ54	♥ 6		♥ Q10982
♦ K10763	♦ 84		♦ A92
♣ J	♣ AKQ10943		♣ 65
		N	
		W — E	
		S	
		♠ 8643	
		♥ A73	
		♦ QJ5	
		♣ 872	

NS	EW	Contract	N-S	E-W	MP
13	2	5H E-1	50		8.5
16	1	5H E-1	50		8.5
15	4	3H E 4		170	7
3	18	5Cx N-2		300	5.5
12	6	5Cx N-2		300	5.5
17	8	4H E 4		420	2
7	20	4H E 4		420	2
14	11	4H E 4		420	2
21	9	4H E 4		420	2
10	19	4H E 4		420	2

1 N/- 5 7 23 5	2 E/NS 9 11 8 12	3 S/EW 7 8 13 12
4 W/All 11 12 8 9	5 N/NS 12 5 13 10	6 E/EW 11 6 8 15
7 S/All 3 14 16 7	8 W/- 15 10 10 5	9 N/EW 10 13 9 8
10 E/All 11 16 9 4	11 S/- 5 9 9 17	12 W/NS 3 11 16 10
13 N/All 12 8 9 11	14 E/- 15 4 8 13	15 S/NS 9 5 15 11

16 W/EW ♠ Q ♥ AJ965 ♦ K7 ♣ AQT73 ♠ AJT52 ♥ 2 ♦ J83 ♣ K982 ♠ K8643 ♥ KQ73 ♦ 52 ♣ 54 16 9 8 7 ♠ 97 ♥ T84 ♦ AQT964 ♣ J6	N S 8 8 5 5 10 10 10 10 9 9 Opt res: NS 4H;420 N E W 3 3 8 8 3 3 2 2 2 2	17 N/- ♠ J8643 ♥ A8 ♦ A7 ♣ T964 ♠ KQT52 ♥ J932 ♦ 62 ♣ 85 ♠ - ♥ K654 ♦ QJT43 ♣ J732 ♠ A97 ♥ QT7 ♦ K985 ♣ AKQ 9 6 7 18	N S 9 8 9 9 7 7 8 8 10 10 Opt res: N 3N;400 N E W 4 4 4 4 5 5 5 4 3 3	18 E/NS ♠ 654 ♥ AK982 ♦ 976 ♣ 65 ♠ KQ87 ♥ 43 ♦ J52 ♣ QJ42 ♠ AJT32 ♥ 765 ♦ Q84 ♣ AK ♠ 9 ♥ QJT ♦ AKT3 ♣ T9873 7 9 14 10	N S 4 4 3 3 8 8 7 7 6 6 Opt res: EW 2S;-140 N E W 6 6 9 9 4 4 5 5 6 6
19 S/EW ♠ Q4 ♥ KQT965 ♦ QT ♣ A96 ♠ AKJ632 ♥ 74 ♦ 984 ♣ 84 ♠ T97 ♥ J2 ♦ K6532 ♣ KT5 13 8 7 12 ♠ 85 ♥ A83 ♦ AJ7 ♣ QJ732	N S 7 7 6 6 10 10 7 7 10 10 Opt res: NS 4H;420 N E W 3 3 7 7 2 2 6 6 2 2	20 W/All ♠ QJ5 ♥ A954 ♦ J983 ♣ AK ♠ A83 ♥ K763 ♦ 5 ♣ 98764 ♠ KT7 ♥ T82 ♦ KT642 ♣ 32 ♠ 9642 ♥ QJ ♦ AQ7 ♣ QJT5 15 7 6 12	N S 10 10 9 9 8 8 9 9 9 9 Opt res: NS 3N;630 N E W 2 3 3 3 3 3 4 4 4 4	21 N/NS ♠ A43 ♥ 642 ♦ KT3 ♣ KQ94 ♠ KJT86 ♥ QT75 ♦ 8 ♣ 753 ♠ Q752 ♥ AKJ ♦ A765 ♣ A8 ♠ 9 ♥ 983 ♦ QJ942 ♣ JT62 12 6 18 4	N S 3 3 1 1 2 2 7 7 6 6 Opt res: EW 4S;-450 N E W 8 8 11 11 10 10 5 5 7 7
22 E/EW ♠ AJ3 ♥ 7532 ♦ K53 ♣ T65 ♠ 982 ♥ AK86 ♦ T86 ♣ Q42 ♠ 754 ♥ QT9 ♦ AQ97 ♣ AJ9 8 9 13 10 ♠ KQT6 ♥ J4 ♦ J42 ♣ K873	N S 5 5 7 7 5 5 5 5 6 6 Opt res: EW 2N;-120 N E W 8 8 6 6 8 8 8 8 7 7	23 S/All ♠ QJ743 ♥ A84 ♦ 94 ♣ Q83 ♠ A82 ♥ KQ532 ♦ 3 ♣ J975 ♠ KT ♥ J97 ♦ AKJ862 ♣ 64 ♠ 965 ♥ T6 ♦ QT75 ♣ AKT2 9 10 12 9	N S 5 5 7 7 4 4 5 5 6 6 Opt res: EW 2H;-140 N E W 8 8 6 6 9 9 8 8 7 7	24 W/- ♠ T63 ♥ 7 ♦ A9 ♣ AQ97432 ♠ KQ52 ♥ AT652 ♦ 85 ♣ K8 ♠ A ♥ KQ84 ♦ KJ763 ♣ J65 ♠ J9874 ♥ J93 ♦ QT42 ♣ T 10 12 14 4	N S 3 3 5 5 2 2 5 4 7 6 Opt res: EW 4H;-420 N E W 9 9 6 6 10 10 7 7 6 6
25 N/EW ♠ T87 ♥ AJ75 ♦ 96 ♣ 7542 ♠ Q6 ♥ KQ9 ♦ AK54 ♣ AKT3 ♠ AJ92 ♥ 86432 ♦ 8732 ♣ - 5 21 5 9 ♠ K543 ♥ T ♦ QJT ♣ QJ986	N S 4 4 4 4 3 3 3 3 6 6 Opt res: EW 4H;-620 N E W 9 9 9 9 10 10 10 10 7 7	26 E/All ♠ T9 ♥ K96 ♦ AJ86 ♣ K752 ♠ 854 ♥ QT42 ♦ T94 ♣ J43 ♠ Q76 ♥ A7 ♦ Q532 ♣ QT96 ♠ AKJ32 ♥ J853 ♦ K7 ♣ A8 11 3 10 16	N S 10 10 11 11 11 11 10 10 9 9 Opt res: NS 4S/4H;650 N E W 2 2 2 2 2 2 3 3 4 4	27 S/- ♠ JT9 ♥ 6 ♦ 84 ♣ AKQT943 ♠ K52 ♥ KJ54 ♦ KT763 ♣ J ♠ AQ7 ♥ QT982 ♦ A92 ♣ 65 ♠ 8643 ♥ A73 ♦ QJ5 ♣ 872 10 11 12 7	N S 8 8 6 6 3 3 3 3 8 8 Opt res: NS 4NX;-300 N E W 5 5 7 7 10 10 9 9 5 5