

♠ K106  
♥ QJ1072  
♦ J7  
♣ Q109

♠ AJ975  
♥ AK6  
♦ 854  
♣ J6

♠ Q2  
♥ 9854  
♦ A92  
♣ AK85

♠ 843  
♥ 3  
♦ KQ1063  
♣ 7432

nt. ♠.♥.♦.♣.

N	3	2	2	2
S	3	4	2	2
E	3	4	2	2
W	4	4	2	2

Minimax:  
4NT W, -630

♠ Q1062  
♥ K1052  
♦ 4  
♣ KJ62

♠ AK873  
♥ QJ874  
♦ A103  
♣

♠ 95  
♥  
♦ QJ962  
♣ A98543

♠ J4  
♥ A963  
♦ K875  
♣ Q107

nt. ♠.♥.♦.♣.

N	1	1	4	2
S	1	2	4	2
E	2	4	2	2
W	2	4	2	2

Minimax:  
3♦ E, -130

♠ AQ965  
♥ 975  
♦ Q8  
♣ QJ2

♠ J7  
♥ A6  
♦ AKJ1065  
♣ A98

♠ K8432  
♥ J102  
♦ 432  
♣ 104

♠ 10  
♥ KQ843  
♦ 97  
♣ K7653

nt. ♠.♥.♦.♣.

N	2	3	3	3
S	2	2	3	3
E	2	1	3	3
W	2	1	3	3

Minimax:  
3♦ W, -110

♠ 106  
♥ K98  
♦ AQ972  
♣ 642

♠ 4  
♥ QJ7652  
♦ J54  
♣ K109

♠ K9  
♥ A10  
♦ K1083  
♣ AQ875

♠ AQJ87532  
♥ 43  
♦ 6  
♣ J3

nt. ♠.♥.♦.♣.

N	3	3	3	4
S	3	3	3	4
E	3	3	4	4
W	3	3	4	4

Minimax:  
4♠x S, -100

♠ J5  
♥ 85  
♦ K10764  
♣ K543

♠ AK76  
♥ 4  
♦ 532  
♣ QJ1096

♠ Q9432  
♥ AK73  
♦ 9  
♣ A87

♠ 108  
♥ QJ10962  
♦ AQJ8  
♣ 2

nt. ♠.♥.♦.♣.

N	2	2	5	5
S	2	6	5	5
E	2	6	5	5
W	2	6	5	5

Minimax:  
6♠ E, -980

♠ KJ7  
♥ 1085  
♦ Q1083  
♣ J105

♠ Q64  
♥ A6  
♦ K642  
♣ 9432

♠ A10852  
♥ K743  
♦ AJ  
♣ 86

♠ 93  
♥ QJ92  
♦ 975  
♣ AKQ7

nt. ♠.♥.♦.♣.

N	3	2	1	1
S	3	2	1	1
E	2	4	1	1
W	2	4	1	1

Minimax:  
4♠ E, -420

♠ 1073  
♥ A93  
♦ J753  
♣ KQ6

♠ K52  
♥ Q87  
♦ AKQ82  
♣ 104

♠ AQJ94  
♥ KJ654  
♦ 9  
♣ 92

♠ 86  
♥ 102  
♦ 1064  
♣ AJ8753

nt. ♠.♥.♦.♣.

N	1	1	3	3
S	1	1	3	3
E	4	4	3	3
W	4	4	3	3

Minimax:  
4♥ E, -620

♠ A1075  
♥ 7543  
♦ KJ653  
♣

♠ J963  
♥ K92  
♦ 974  
♣ 1065

♠ Q8  
♥ QJ86  
♦ 8  
♣ KJ9732

♠ K42  
♥ A10  
♦ AQ102  
♣ AQ84

nt. ♠.♥.♦.♣.

N	4	3	5	1
S	4	4	3	5
E	4	4	3	5
W	4	4	3	5

Minimax:  
3NT S, 630

♠ 7  
♥ J752  
♦ AQJ965  
♣ A3

♠ J64  
♥ K1043  
♦ 42  
♣ J542

♠ AK1085  
♥  
♦ K1083  
♣ KQ109

♠ Q932  
♥ AQ986  
♦ 7  
♣ 876

nt. ♠.♥.♦.♣.

N	3	2	3	2
S	3	2	3	2
E	1	3	3	3
W	1	2	3	2

Minimax:  
3♠ E, -140

♠ Q7653  
♥ 9854  
♦  
♣ QJ72

♠ A94  
♥ K106  
♦ 8753  
♣ 653

♠ 102  
♥ 3  
♦ AK10964  
♣ AK104

♠ KJ8  
♥ AQJ72  
♦ QJ2  
♣ 98

nt. ♠.♥.♦.♣.

N	2	3	2	2
S	2	2	2	2
E	1	4	2	2
W	1	4	2	2

Minimax:  
4♥x N, -100

♠ 932  
♥ AK3  
♦ Q76  
♣ 10863

♠ K7  
♥ 962  
♦ KJ84  
♣ AKJ2

♠ AQ65  
♥ J105  
♦ A952  
♣ Q5

♠ J1084  
♥ Q874  
♦ 103  
♣ 974

nt. ♠.♥.♦.♣.

N	3	2	4	4
S	3	2	3	4
E	3	2	3	4
W	3	2	3	4

Minimax:  
3NT E, -600

♠ 83  
♥ KQ104  
♦ Q75  
♣ A1074

♠ Q952  
♥ A7632  
♦ AJ  
♣ K9

♠ J106  
♥ J9  
♦ K1092  
♣ QJ85

♠ AK74  
♥ 85  
♦ 8643  
♣ 632

nt. ♠.♥.♦.♣.

N	2	1	1	1
S	2	2	1	1
E	2	2	1	1
W	2	2	1	1

Minimax:  
1NT E, -120

**1**  
N / none

♠ 10642  
♥ J5  
♦ 654  
♣ Q854

♠ 73  
♥ AQ6  
♦ AKJ97  
♣ J63

♠ J8  
♥ 10874  
♦ Q1083  
♣ K109

♠ AKQ95  
♥ K932  
♦ 2  
♣ A72

nt. ♠♥♦♣  
N 2  
S 2  
E 1 2 3 1  
W1 2 3 1

Minimax:  
3♠x S, -100

**2**  
E / NS

♠ 5  
♥ K10876  
♦ K2  
♣ AK984

♠ KJ7643  
♥ 95  
♦ 10985  
♣ 6

♠ AQ1098  
♥ Q  
♦ AJ6  
♣ J532

♠ 2  
♥ AJ432  
♦ Q743  
♣ Q107

nt. ♠♥♦♣  
N 5 5  
S 5 5  
E 4  
W 4

Minimax:  
5♠x W, 100

**3**  
S / EW

♠ 953  
♥ 105  
♦ J97  
♣ J10543

♠ K84  
♥ J974  
♦ K52  
♣ AQ8

♠ AJ106  
♥ AKQ6  
♦ Q863  
♣ 7

♠ Q72  
♥ 832  
♦ A104  
♣ K962

nt. ♠♥♦♣  
N  
S  
E 5 5 6 5 2  
W5 5 6 5 2

Minimax:  
6♥ E, -1430

**4**  
W / all

♠ 9864  
♥ J1052  
♦ A102  
♣ AJ

♠ A7  
♥ Q964  
♦ J97  
♣ 9872

♠ KJ52  
♥ A  
♦ 854  
♣ KQ653

♠ Q103  
♥ K873  
♦ KQ63  
♣ 104

nt. ♠♥♦♣  
N 1 1  
S 1 1  
E 1  
W1 3 3

Minimax:  
2♣ E, -110

**5**  
N / NS

♠ 63  
♥ 76  
♦ A863  
♣ A9832

♠ 982  
♥ A83  
♦ QJ74  
♣ J54

♠ AKQ10  
♥ Q109  
♦ K5  
♣ K1076

♠ J754  
♥ KJ542  
♦ 1092  
♣ Q

nt. ♠♥♦♣  
N  
S  
E 3 3 2 1 2  
W3 3 2 1 2

Minimax:  
3NT W, -400

**6**  
E / EW

♠ AK92  
♥ J82  
♦ J109  
♣ J86

♠ J4  
♥ AK10  
♦ A763  
♣ 9752

♠ Q10853  
♥ 763  
♦ KQ852  
♣

♠ 76  
♥ Q954  
♦ 4  
♣ AKQ1043

nt. ♠♥♦♣  
N 1 4  
S 4  
E 2 4  
W 2 5

Minimax:  
6♠x S, -300

**7**  
S / all

♠ 8532  
♥ J7  
♦ Q  
♣ AJ10743

♠ AK10  
♥ 1096432  
♦ 103  
♣ KQ

♠ 7  
♥ KQ  
♦ AKJ97654  
♣ 98

♠ QJ964  
♥ A85  
♦ 82  
♣ 652

nt. ♠♥♦♣  
N 1 1  
S 1 1  
E 5 4 5  
W5 4 5

Minimax:  
3NT E, -660

**8**  
W / none

♠ J1086  
♥ J742  
♦ AJ85  
♣ 6

♠ AK  
♥ AQ65  
♦ 92  
♣ A10542

♠ 42  
♥ K1083  
♦ Q76  
♣ KQJ8

♠ Q9753  
♥ 9  
♦ K1043  
♣ 973

nt. ♠♥♦♣  
N 3 1  
S 3 1  
E 3 5 5  
W3 5 5

Minimax:  
5♠x S, -300

**9**  
N / EW

♠ K643  
♥ 73  
♦ Q10985  
♣ 52

♠ 109872  
♥ Q109  
♦ 62  
♣ Q109

♠ J  
♥ AJ82  
♦ K43  
♣ A8763

♠ AQ5  
♥ K654  
♦ AJ7  
♣ KJ4

nt. ♠♥♦♣  
N 2 2 1 4  
S 2 2 1 4  
E 1  
W 1

Minimax:  
1♦ N, 130

**10**  
E / all

♠ K103  
♥ Q5  
♦ KQJ72  
♣ K32

♠ Q976  
♥ AK73  
♦ 9  
♣ 10874

♠ J85  
♥ J10964  
♦ 10843  
♣ A

♠ A42  
♥ 82  
♦ A65  
♣ QJ965

nt. ♠♥♦♣  
N 1 2 3  
S 1 2 3  
E 1 3  
W 1 3

Minimax:  
3♥ E, -140

**11**  
S / none

♠ A1054  
♥ 10  
♦ AKQJ10  
♣ Q104

♠ K63  
♥ J864  
♦ 4  
♣ A9853

♠ QJ8  
♥ A92  
♦ 532  
♣ K762

♠ 972  
♥ KQ753  
♦ 9876  
♣ J

nt. ♠♥♦♣  
N 1 1 3  
S 1 1 3  
E 2  
W 2

Minimax:  
3♦ N, 110

**12**  
W / NS

♠ AK73  
♥ 8  
♦ K8652  
♣ 753

♠ Q82  
♥ J32  
♦ AQJ74  
♣ J4

♠ J954  
♥ AK96  
♦ 103  
♣ A96

♠ 106  
♥ Q10754  
♦ 9  
♣ KQ1082

nt. ♠♥♦♣  
N 1 2  
S 1 2  
E 2 1 2  
W2 1 2

Minimax:  
2NT W, -120

**13**  
N / all

♠ Q92  
♥ Q1074  
♦ 1065  
♣ A107

♠ AJ  
♥ AJ6  
♦ A874  
♣ J986

♠ 8  
♥ 9832  
♦ KQJ92  
♣ Q43

♠ K1076543  
♥ K5  
♦ 3  
♣ K52

nt. ♠.♥.♦.♣  
N 3  
S 3  
E 1 1 3 2  
W1 1 3 2

Minimax:  
3♠ S, 140

**14**  
E / none

♠ 93  
♥ Q952  
♦ AQ  
♣ K9863

♠ J86  
♥ K86  
♦ 109765  
♣ 72

♠ Q10542  
♥ A104  
♦ J83  
♣ 54

♠ AK7  
♥ J73  
♦ K42  
♣ AQJ10

nt. ♠.♥.♦.♣  
N 4 2 4 2 5  
S 4 2 4 2 5  
E  
W

Minimax:  
3NT N, 430

**15**  
S / NS

♠ 42  
♥ 1076  
♦ K94  
♣ K10862

♠ AQ53  
♥ A432  
♦ 732  
♣ A4

♠ J76  
♥ 95  
♦ AQJ1065  
♣ 73

♠ K1098  
♥ KQJ8  
♦ 8  
♣ QJ95

nt. ♠.♥.♦.♣  
N 1  
S 1  
E 4 3 1 5  
W4 3 1 5

Minimax:  
3NT E, -430

**16**  
W / EW

♠ J842  
♥ 987  
♦ J1082  
♣ 107

♠ K  
♥ KQ542  
♦ 64  
♣ KJ865

♠ Q9765  
♥ J106  
♦ AQ95  
♣ A

♠ A103  
♥ A3  
♦ K73  
♣ Q9432

nt. ♠.♥.♦.♣  
N  
S  
E 3 2 4 2 3  
W3 2 4 2 2

Minimax:  
4♥ W, -620

**17**  
N / none

♠ 109  
♥ A1063  
♦ AJ53  
♣ KQJ

♠ A65  
♥ KJ  
♦ K10987  
♣ 872

♠ QJ432  
♥ 974  
♦ 642  
♣ 105

♠ K87  
♥ Q852  
♦ Q  
♣ A9643

nt. ♠.♥.♦.♣  
N 4 1 4 1 4  
S 4 1 5 2 4  
E  
W

Minimax:  
4♥ S, 450

**18**  
E / NS

♠ KJ5  
♥ Q74  
♦ AQJ109  
♣ Q9

♠ 10642  
♥ K98653  
♦ K6  
♣ A

♠ Q973  
♥ A2  
♦ 83  
♣ J10832

♠ A8  
♥ J10  
♦ 7542  
♣ K7654

nt. ♠.♥.♦.♣  
N 2 2 2  
S 2 2 2  
E 2 1  
W 2 1

Minimax:  
3♠x W, 100

**19**  
S / EW

♠ K54  
♥ A63  
♦ J9  
♣ Q10853

♠ J8  
♥ K10982  
♦ 10865  
♣ A7

♠ A63  
♥ Q4  
♦ KQ73  
♣ KJ62

♠ Q10972  
♥ J75  
♦ A42  
♣ 94

nt. ♠.♥.♦.♣  
N  
S  
E 1 4 4 2  
W1 4 4 2

Minimax:  
4♥ W, -620

**20**  
W / all

♠ 87  
♥ AJ7  
♦ A1084  
♣ J1053

♠ KQ654  
♥ 4  
♦ K765  
♣ 964

♠ A1093  
♥ 52  
♦ QJ3  
♣ AQ72

♠ J2  
♥ KQ109863  
♦ 92  
♣ K8

nt. ♠.♥.♦.♣  
N 1 3  
S 1 3  
E 4 2 2  
W 4 2 2

Minimax:  
5♥x S, -500

**21**  
N / NS

♠ KQJ4  
♥ 72  
♦ A9754  
♣ K4

♠ 103  
♥ A10843  
♦ J10  
♣ AQ109

♠ 975  
♥ KJ9  
♦ KQ63  
♣ 763

♠ A862  
♥ Q65  
♦ 82  
♣ J852

nt. ♠.♥.♦.♣  
N 2 1  
S 2 1  
E 1 3 2  
W1 3 2

Minimax:  
3♥ W, -140

**22**  
E / EW

♠ 1086  
♥ 5  
♦ 1094  
♣ KQ9654

♠ 75  
♥ KQJ103  
♦ QJ32  
♣ A10

♠ QJ  
♥ 642  
♦ AK86  
♣ J872

♠ AK9432  
♥ A987  
♦ 75  
♣ 3

nt. ♠.♥.♦.♣  
N 1 4 2  
S 1 4 2  
E 3 1  
W 3 1

Minimax:  
4♠ S, 420

**23**  
S / all

♠ K62  
♥ A9  
♦ K82  
♣ A9865

♠ 10983  
♥ 108432  
♦ A74  
♣ 7

♠ QJ74  
♥ K76  
♦ J3  
♣ KQJ2

♠ A5  
♥ QJ5  
♦ Q10965  
♣ 1043

nt. ♠.♥.♦.♣  
N 2 3 3  
S 2 3 2  
E 1  
W 1

Minimax:  
1NT N, 120

**24**  
W / none

♠ J9  
♥ KJ762  
♦ J5  
♣ AQJ8

♠ 10762  
♥ AQ9  
♦ Q82  
♣ 1032

♠ 843  
♥ 103  
♦ 7643  
♣ K965

♠ AKQ5  
♥ 854  
♦ AK109  
♣ 74

nt. ♠.♥.♦.♣  
N 5 5 4 4  
S 5 5 4 4  
E  
W

Minimax:  
3NT S, 460