

**1**  
N / none

♠ Q654  
♥ AK862  
♦ 1032  
♣ Q

W N E S  
K72 Q974 AK964 K  
AJ9 1053 QJ8 A962

♠ 1083  
♥ J  
♦ 75  
♣ J1087543

nt ♠ ♥ ♦ ♣

Minimax:  
3NT W -460

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

**2**  
E / NS

♠ K1098  
♥ AQJ7542  
♦ 109  
♣

W N E S  
AQJ42 10 K87542 4  
76 83 A63 A87632

♠ 53  
♥ K96  
♦ QJ  
♣ KQJ1095

nt ♠ ♥ ♦ ♣

Minimax:  
5♥x N -200

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

**3**  
S / EW

♠ Q10543  
♥ A84  
♦ 9654  
♣ Q

W N E S  
AJ9 K92 K3 K9764  
K87 103 A108 J10532

♠ 62  
♥ QJ765  
♦ QJ72  
♣ A8

nt ♠ ♥ ♦ ♣

Minimax:  
4♣ E -130

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

**4**  
W / all

♠ KJ4  
♥ A54  
♦ J6  
♣ AKJ97

W N E S  
97 K107 KQ3 108632  
AQ102 863 98754 4

♠ 8653  
♥ QJ92  
♦ A102  
♣ Q5

nt ♠ ♥ ♦ ♣

Minimax:  
2NT N +120

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

**5**  
N / NS

♠ J94  
♥ Q105  
♦ J87  
♣ 7543

W N E S  
AQ K942 Q95 Q1098  
875 A83 AK63 K62

♠ K10632  
♥ J76  
♦ 1042  
♣ AJ

nt ♠ ♥ ♦ ♣

Minimax:  
6♦ E -920

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

**6**  
E / EW

♠ 954  
♥ 9  
♦ Q862  
♣ AK972

W N E S  
AK8 10876 J1053 J4  
1062 KJ5432 4 1063

♠ QJ73  
♥ AQ  
♦ AK97  
♣ Q85

nt ♠ ♥ ♦ ♣

Minimax:  
3NT N +460

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

**7**  
S / all

♠ K763  
♥ 10752  
♦ 632  
♣ 64

W N E S  
A9 AQJ3 984 AQJ5  
J4 K984 1075 10732

♠ Q10852  
♥ 6  
♦ AKQJ  
♣ K98

nt ♠ ♥ ♦ ♣

Minimax:  
4♣ S -200

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

**8**  
W / none

♠ A864  
♥ Q1076  
♦ K94  
♣ K6

W N E S  
53 J93 QJ10763 97  
KJ107 K984 A52 J83

♠ Q92  
♥ K84  
♦ 8  
♣ AQ10542

nt ♠ ♥ ♦ ♣

Minimax:  
4♥ N +450

N S E W  
N 2 3 5 4  
S 2 3 3 4  
E 1  
W 1

**9**  
N / EW

♠ A953  
♥ K85  
♦ K9743  
♣ K

W N E S  
KJ86 9763 Q2 432  
1074 10 AJ 109865

♠ Q2  
♥ AQJ42  
♦ 10865  
♣ Q7

nt ♠ ♥ ♦ ♣

Minimax:  
4♥x N -100

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

**10**  
E / all

♠ A8752  
♥ J32  
♦ 73  
♣ A42

W N E S  
K104 K85 AKQ4 K96  
9 AQ10974 J62 Q105

♠ QJ63  
♥ 6  
♦ 10985  
♣ J873

nt ♠ ♥ ♦ ♣

Minimax:  
4NT W -660

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

**11**  
S / none

♠ K82  
♥ 8542  
♦ K964  
♣ 76

W N E S  
AQJ3 J9 J85 J982  
1075 A6 72 AKQ543

♠ 964  
♥ KQ1073  
♦ AQ103  
♣ 10

nt ♠ ♥ ♦ ♣

Minimax:  
4♥x S -100

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

**12**  
W / NS

♠ A974  
♥ Q86  
♦ 832  
♣ AQ9

W N E S  
53 J1032 Q54 7643  
1086 A9754 AK K52

♠ KQJ2  
♥ K  
♦ J10976  
♣ J108

nt ♠ ♥ ♦ ♣

Minimax:  
3♠ N +140

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

**13**  
N / all

♠ K65  
♥ J3  
♦ A93  
♣ AQJ43

W N E S  
Q8 Q96542 862 K9  
AJ10973 Q105 10652

♠ 42  
♥ AK1087  
♦ KJ74  
♣ 87

nt ♠ ♥ ♦ ♣

Minimax:  
3NT N +630

N S E W  
N 4 4 5 5  
S 1 3 3 2  
E 1  
W 1

**14**  
E / none

♠ K107  
♥ J  
♦ Q8742  
♣ AK54

W N E S  
J52 KQ102 A5 10987  
A A876 K1096 J632

♠ Q98643  
♥ 9543  
♦ J3  
♣ Q

nt ♠ ♥ ♦ ♣

Minimax:  
3♥ S -100

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

**15**  
S / NS

♠ KQ5  
♥ AQ874  
♦ 976  
♣ J2

W N E S  
10643 932 A10 AK75  
9872 KJ J843 Q109

♠ AJ  
♥ 1065  
♦ KQ52  
♣ 8643

nt ♠ ♥ ♦ ♣

Minimax:  
2♣ W -110

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

**16**  
W / EW

♠ Q5  
♥ Q1094  
♦ QJ43  
♣ A62

W N E S  
974 K86 A765 K54  
AK62 J5 1082 Q1097

♠ J1083  
♥ A732  
♦ K9  
♣ J83

nt ♠ ♥ ♦ ♣

Minimax:  
1NT E -90

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

**17**  
N / none

♠ K9542  
♥ K987  
♦ 93  
♣ A7

W N E S  
A AJ2 AKQ QJ9864  
8 1065 107542 K1032

♠ QJ10763  
♥ Q43  
♦ J86  
♣ 5

nt ♠ ♥ ♦ ♣

Minimax:  
5♣ W -400

N S E W  
N 2  
S 2  
E 1 4 5  
W 1 5 5

**18**  
E / NS

♠ 10542  
♥ J63  
♦ J94  
♣ 943

W N E S  
J76 97542 82 K62  
8 A8 KQ7653 Q87

♠ AKQ93  
♥ Q10  
♦ A10  
♣ AJ105

nt ♠ ♥ ♦ ♣

Minimax:  
3♠ S +140

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

**19**  
S / EW

♠ AKJ86  
♥ 943  
♦ 42  
♣ A93

W N E S  
Q72 A86 K97 Q752  
543 K10 QJ53 K1084

♠ 109  
♥ QJ752  
♦ A1086  
♣ J6

nt ♠ ♥ ♦ ♣

Minimax:  
1♥ S +140

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

**20**  
W / all

♠ QJ3  
♥ AJ108  
♦ A94  
♣ AJ4

W N E S  
A109876 52 K Q1096  
K542 93 QJ653 53

♠ KQ764  
♥ 10872  
♦ K872

nt ♠ ♥ ♦ ♣

Minimax:  
4♥ S +650

N S E W  
N 3 5 2 3  
S 3 5 2 3  
E 1  
W 1

**21**  
N / NS

♠ J32  
♥ 7642  
♦ K8652  
♣ 2

W N E S  
AKQ10 Q3 J97 AK104  
9864 A109 AQ4 Q85

♠ 75  
♥ KJ85  
♦ 103  
♣ J9763

nt ♠ ♥ ♦ ♣

Minimax:  
6NT W -990

N S E W  
N 4 3 2 5  
S 4 3 2 5  
E 2  
W 6 6 4 4 5

**22**  
E / EW

♠ A2  
♥ QJ9642  
♦ K103  
♣ K3

W N E S  
J1074 K5 8 AQ9752  
965 A1087 J54 J86

♠ KQ83  
♥ 3  
♦ AQ9762  
♣ 104

nt ♠ ♥ ♦ ♣

Minimax:  
3NT N +430

N S E W  
N 4 3 2 5  
S 4 3 2 5  
E 2  
W 2

**23**  
S / all

♠ K108  
♥ K1052  
♦ K105  
♣ J105

W N E S  
A954 J64 Q43 K76  
J72 AQ7 9872 Q82

♠ Q63  
♥ 983  
♦ AJ6  
♣ A943

nt ♠ ♥ ♦ ♣

Minimax:  
1♥ N +140

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

**24**  
W / none

♠ J108  
♥ K952  
♦ K53  
♣ 762

W N E S  
Q5 A10643 1084 KJ4  
K963 J87 962 A83

♠ A742  
♥ Q  
♦ AQJ7  
♣ Q1095

nt ♠ ♥ ♦ ♣

Minimax:  
2♣ S -100

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