

The Law of Total Tricks

The Law of Total Tricks was first codified by Jean-René Vernes and popularized by Larry Cohen. It is used to decide how much to bid in competitive or potentially competitive auctions. In the simplest form it states that you can bid for as many tricks as you have trumps. There are several places you likely already do this.

1: Preempts can be thought to assume 2 card support, with 6 bid 2, 7 bid 3, 8 bid 4.

This means that with 8 trumps you bid for 8 tricks, etc.

2: Responding to partner's preempts:

With QT5 T53 A4 K9653 If the bidding has gone 2S-(p)- to you you would likely bid 3S. With 9 trumps you are bidding to take 9 tricks.

This is not used for constructive game decisions. After 1N-2C; 2H you bid 4H with A4 KJ54 QT83 652 despite having only 8 trumps.

A More Complete Description

What is described above is not the Law, but merely a result of the Law. What the Law states is that the sum of the tricks possible by North-South added to the number of tricks by East-West, each in their best fit is roughly equal to the sum of their trumps. It does not say anything about how those tricks will be divided.

The reason this works is that often times an honor location or split that is good for one side is bad for the other side.

AQT8	AQT8
643 K5	K43 65
J972	J972

In the first example above North-South have one loser and East-West have one loser. In the second example North-South have no losers but now East-West have two losers.

AK64	AK64
JT5 93	JT95 3
Q872	Q872

In the first example above North-South have no losers and East-West have two losers. The bad break in the second example causes North-South to have one loser, but East-West now have only one loser in this suit.

The reason the simple guidelines first described work is a combination of the Law and the fact that the more trumps you have the more the opponents tend to have. If you have an 8 card fit the opponents will usually have no better than an 8 card fit, occasionally have 7 or 9, and 10 or 11 are rare. If you have a 9 card fit the opponents always have 8, but 9 more commonly and 10 with some

frequency. If there are 18 total tricks then someone can take 9 tricks, and often both sides can take 9 tricks. Thus it is worthwhile bidding at the 3 level. If there are 16 total tricks then it is likely neither side can make anything at the 3 level, and you would not want to bid at the 3 level unless they are in their higher ranked suit at the two level and you are not vulnerable or fairly confident of making.

Modifications and Caveats

The Law is exactly right on 40% of deals, it is off by one on 47% and two or more on the remainder. There are some guidelines to suggest when the law is off.

- 1: Double fits. If one or both sides have a double fit it is likely there are more tricks.
- 2: Honor Location. Honors concentrated in your suits might lead to an additional trick. Slow honors concentrated in their suits might decrease the number.
- 3: Lots of Total Trumps: The law is much more accurate in the 14-19 trump range. As it gets larger the number of tricks starts to lag behind.

The hands I've generated have 18 hands with 16 trumps, 18 hands with 18 trumps, 18 hands with 18 trumps and double fits and 18 hands with 22 trumps.

	15	16	17	18	19	20	21	22	23
16		3	9	6					
18			3	2	7	3	3		
18 2 fit					2	6	7	3	
22					4	3	8	0	3

Notice the double fit is worth about 1 ½ tricks and that the law is off by about one trick on average at 22 trumps.

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16, 18, 18 double fit, 22
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<p>N Deals None Vul</p> <p>♠ KJ8 ♥ 75 ♦ 643 ♣ QJ754</p> <p>72 ♥ AJ102 ♦ AJ75 ♣ K102</p> <p>7 13 5 15</p> <p>♠ A10943 ♥ KQ4 ♦ Q92 ♣ A8</p> <p>NS 2♠; EW 2♥; NS 1N; NS 2♣; EW 1♦; Par +100; EW 3♥x-1</p>	<p>E Deals N-S Vul</p> <p>♠ AK974 ♥ AQ4 ♦ J76 ♣ 75</p> <p>103 ♥ J108 ♦ Q42 ♣ AKQJ9</p> <p>14 13 5 8</p> <p>♠ J62 ♥ 62 ♦ AK98 ♣ 10643</p> <p>NS 2♠; EW 2♥; EW 2♣; NS 1♦; Par +100; EW 3♣x-1; EW 3♥x-1</p>		
<p>S Deals E-W Vul</p> <p>♠ AK9754 ♥ 9 ♦ AQ1082 ♣ 8</p> <p>10 ♥ QJ532 ♦ K964 ♣ KQ6</p> <p>13 11 11 5</p> <p>♠ QJ62 ♥ A74 ♦ 73 ♣ A1072</p> <p>83 ♥ K1086 ♦ J5 ♣ J9543</p> <p>NS 2♠; EW 1N; NS 2♦; EW 1♥; W 1♣; Par +110</p>	<p>W Deals Both Vul</p> <p>♠ QJ987 ♥ 83 ♦ 64 ♣ A1092</p> <p>A5 ♥ J6 ♦ AKQ83 ♣ 8754</p> <p>7 14 6 13</p> <p>♠ 1064 ♥ A107542 ♦ 105 ♣ Q6</p> <p>K32 ♥ KQ9 ♦ J972 ♣ KJ3</p> <p>NS 3♠; EW 2♥; S 1N; EW 1♦; NS 1♣; Par +140</p>	<p>N Deals N-S Vul</p> <p>♠ AQ10 ♥ Q973 ♦ Q9 ♣ A1092</p> <p>J3 ♥ 105 ♦ 862 ♣ KJ7654</p> <p>14 5 13 8</p> <p>♠ 985 ♥ AKJ862 ♦ AJ7 ♣ 3</p> <p>K7642 ♥ 4 ♦ K10543 ♣ Q8</p> <p>NS 4♠; NS 4♦; NS 1N; NS 2♣; EW 1♥; Par +620</p>	<p>E Deals E-W Vul</p> <p>♠ K ♥ A1086 ♦ A7 ♣ AQ9752</p> <p>AQ5 ♥ J732 ♦ K6532 ♣ J</p> <p>17 11 8 4</p> <p>♠ 72 ♥ KQ54 ♦ QJ9 ♣ 10863</p> <p>J1098643 ♥ 9 ♦ 1084 ♣ K4</p> <p>NS 3♠; EW 2♥; NS 2♣; EW 1♦; Par +140</p>
<p>S Deals Both Vul</p> <p>♠ A5 ♥ AJ63 ♦ K86 ♣ K963</p> <p>63 ♥ K1054 ♦ AJ4 ♣ AQ52</p> <p>15 14 5 6</p> <p>♠ Q84 ♥ Q987 ♦ 10752 ♣ J10</p> <p>KJ10972 ♥ 2 ♦ Q93 ♣ 874</p> <p>NS 4♠; NS 2N; NS 2♣; EW 1♥; NS 1♦; Par +620</p>	<p>W Deals None Vul</p> <p>♠ QJ432 ♥ 63 ♦ K96 ♣ KQ2</p> <p>987 ♥ Q1074 ♦ QJ3 ♣ 753</p> <p>11 5 13 11</p> <p>♠ 65 ♥ AJ95 ♦ A1087 ♣ A108</p> <p>AK10 ♥ K82 ♦ 542 ♣ J964</p> <p>NS 2♠; EW 2♥; EW 2♦; NS 2♣; Par +100; EW 3♦x-1; EW 3♥x-1</p>	<p>N Deals E-W Vul</p> <p>♠ AQ102 ♥ A8632 ♦ 104 ♣ 98</p> <p>974 ♥ Q75 ♦ 76 ♣ AK652</p> <p>10 9 12 9</p> <p>♠ 65 ♥ KJ1094 ♦ KQ95 ♣ QJ</p> <p>KJ83 ♥ — ♦ AJ832 ♣ 10743</p> <p>NS 3♠; E 2♥; NS 2♦; W 1♥; E 1♣; Par +140</p>	<p>E Deals Both Vul</p> <p>♠ 973 ♥ Q932 ♦ AK984 ♣ 5</p> <p>K54 ♥ J1087 ♦ J3 ♣ J987</p> <p>9 6 13 12</p> <p>♠ 62 ♥ AK54 ♦ Q752 ♣ A42</p> <p>AQJ108 ♥ 6 ♦ 106 ♣ KQ1063</p> <p>NS 4♠; NS 1N; NS 2♦; EW 1♥; NS 1♣; Par +620</p>
<p>S Deals None Vul</p> <p>♠ 9842 ♥ — ♦ AQ1052 ♣ KQJ10</p> <p>J5 ♥ A54 ♦ K9843 ♣ 965</p> <p>12 8 11 9</p> <p>♠ AQ7 ♥ J9872 ♦ 7 ♣ A873</p> <p>K1063 ♥ KQ1063 ♦ J6 ♣ 42</p> <p>NS 4♠; NS 2N; NS 2♦; NS 2♣; NS 1♥; Par +420</p>	<p>W Deals N-S Vul</p> <p>♠ A10952 ♥ KJ ♦ 542 ♣ J104</p> <p>K4 ♥ A932 ♦ AK87 ♣ 965</p> <p>9 14 5 12</p> <p>♠ J87 ♥ Q876 ♦ Q106 ♣ 872</p> <p>Q63 ♥ 1054 ♦ J93 ♣ AKQ3</p> <p>NS 2♠; NS 2♣; EW 1♥; EW 1♦; Par +110</p>	<p>N Deals Both Vul</p> <p>♠ A43 ♥ KJ953 ♦ Q7 ♣ 643</p> <p>J987 ♥ 10 ♦ 8543 ♣ A875</p> <p>10 5 14 11</p> <p>♠ K ♥ AQ87642 ♦ KJ62 ♣ J</p> <p>Q10652 ♥ — ♦ A109 ♣ KQ1092</p> <p>NS 3♠; NS 2N; NS 3♣; EW 1♥; EW 1♦; Par +140</p>	<p>E Deals None Vul</p> <p>♠ QJ5 ♥ AK4 ♦ A742 ♣ 972</p> <p>K1073 ♥ 1095 ♦ KJ95 ♣ J8</p> <p>14 8 12 6</p> <p>♠ 9 ♥ QJ832 ♦ 8 ♣ AKQ1053</p> <p>A8642 ♥ 76 ♦ Q1063 ♣ 64</p> <p>EW 3♥; EW 2N; EW 2♣; NS 1♠; NS 1♦; Par - 140</p>
<p>S Deals N-S Vul</p> <p>♠ KJ10 ♥ QJ3 ♦ KJ42 ♣ A73</p> <p>A53 ♥ 10964 ♦ Q96 ♣ 1095</p> <p>15 6 12 7</p> <p>♠ 64 ♥ AK52 ♦ 10753 ♣ KQ6</p> <p>Q9872 ♥ 87 ♦ A8 ♣ J842</p> <p>N 3N; NS 3♠; S 1N; NS 2♣; EW 1♥; NS 1♦; Par +500; EW 4♥x-3</p>	<p>W Deals E-W Vul</p> <p>♠ K6532 ♥ 9 ♦ A87 ♣ 10874</p> <p>J7 ♥ AKQJ53 ♦ 9 ♣ J952</p> <p>7 12 10 11</p> <p>♠ 1094 ♥ 108 ♦ KQJ32 ♣ A63</p> <p>AQ8 ♥ 7642 ♦ 10654 ♣ KQ</p> <p>EW 2♥; EW 1N; NS 1♠; EW 1♣; Par - 100; NS 2♠x-1</p>	<p>N Deals None Vul</p> <p>♠ A8765 ♥ 874 ♦ K732 ♣ 9</p> <p>Q2 ♥ K92 ♦ AJ10654 ♣ 62</p> <p>7 10 11 12</p> <p>♠ 943 ♥ QJ1063 ♦ Q ♣ AQ54</p> <p>KJ10 ♥ A5 ♦ 98 ♣ KJ10873</p> <p>NS 2♠; EW 2♥; NS 2♣; EW 1♦; Par +100; EW 3♥x-1</p>	<p>E Deals N-S Vul</p> <p>♠ Q964 ♥ KQ9 ♦ A93 ♣ A42</p> <p>AK10 ♥ 102 ♦ Q54 ♣ KJ1075</p> <p>15 13 8 4</p> <p>♠ 82 ♥ AJ8743 ♦ J87 ♣ Q9</p> <p>J753 ♥ 65 ♦ K1062 ♣ 863</p> <p>EW 3♥; W 2N; E 1N; EW 2♣; NS 1♠; EW 1♦; Par - 140</p>

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S Deals
E-W Vul

♠ K753
♥ K96
♦ KJ
♣ Q1074

19

♠ 1084
♥ AQ854
♦ 10
♣ AJ62

12
11 7
10

♠ AQJ92
♥ 3
♦ 98543
♣ K8

♠ 6
♥ J1072
♦ AQ762
♣ 953

W Deals
Both Vul

♠ 852
♥ Q63
♦ J1072
♣ A104

20

♠ K6
♥ KJ9542
♦ 86
♣ KQ3

7
12 10
11

♠ AQJ1074
♥ A
♦ 943
♣ 975

♠ 93
♥ 1087
♦ AKQ5
♣ J862

NS 3♠; W 3♥; E 2♥; NS 1♦;
Par +140

EW 3♥; EW 3♣; EW 2♦;
NS 1♠; Par - 140

N Deals
N-S Vul

♠ K104
♥ Q63
♦ AJ10652
♣ A

21

♠ 5
♥ AKJ9742
♦ Q4
♣ 752

14
10 10
6

♠ Q98763
♥ 10
♦ K93
♣ J83

♠ AJ2
♥ 85
♦ 87
♣ KQ10964

NS 5♠; EW 3♥; NS 4♦;
EW 3♣; NS 1N; Par +500:
EW 6♣x- 3; EW 6♥x- 3

E Deals
E-W Vul

♠ AKQJ
♥ 10
♦ Q106532
♣ 85

22

♠ 4
♥ AQ972
♦ K8
♣ KQJ103

12
15 4
9

♠ 753
♥ K853
♦ J97
♣ 742

♠ 109862
♥ J64
♦ A4
♣ A96

NS 4♠; EW 4♥; NS 4♦;
EW 3♣; NS 1N; Par +200:
EW 5♥x- 1

S Deals
Both Vul

♠ AK97
♥ 10
♦ KQ842
♣ KQ10

23

♠ Q5
♥ Q8765
♦ A1053
♣ J6

17
9 9
5

♠ 102
♥ A942
♦ J6
♣ A8742

♠ J8643
♥ KJ3
♦ 97
♣ 953

NS 4♠; EW 2♥; NS 1N;
NS 2♦; Par +620

W Deals
None Vul

♠ J1096542
♥ 1062
♦ 1094
♣ —

24

♠ 73
♥ AKJ987
♦ 872
♣ 85

1
8 14
17

♠ KQ
♥ Q43
♦ QJ3
♣ A10632

♠ A8
♥ 5
♦ AK65
♣ KQJ974

NS 3♠; EW 2N; EW 2♥;
NS 2♦; NS 2♣; Par +100:
EW 3N×- 1

N Deals
E-W Vul

♠ 853
♥ 76
♦ 643
♣ AJ854

25

♠ K
♥ AQJ982
♦ AJ95
♣ K3

5
18 2
15

♠ 764
♥ 1054
♦ 102
♣ Q9762

♠ AQJ1092
♥ K3
♦ KQ87
♣ 10

NS 3♠; EW 3♥; S 2N; S 2♦;
N 1♦; EW 1♣; Par +140

E Deals
Both Vul

♠ A105
♥ A8
♦ QJ105
♣ J742

26

♠ 62
♥ KJ52
♦ AK76
♣ A103

12
15 7
6

♠ Q4
♥ Q10974
♦ 832
♣ K65

♠ KJ9873
♥ 63
♦ 94
♣ Q98

NS 2♠; EW 2♥; NS 1N;
NS 2♣; EW 1♦; Par +110

S Deals
None Vul

♠ 7642
♥ J108
♦ AKJ
♣ 954

27

♠ J8
♥ K763
♦ Q1084
♣ KQ10

9
11 7
13

♠ K10
♥ A9542
♦ 652
♣ 832

♠ AQ953
♥ Q
♦ 973
♣ AJ76

NS 4♠; NS 3N; NS 3♣;
NS 2♦; NS 1♥; Par +420

W Deals
N-S Vul

♠ J765
♥ Q3
♦ K965
♣ AQ4

28

♠ 94
♥ AK9852
♦ 84
♣ KJ3

12
11 9
8

♠ K10
♥ J64
♦ AJ32
♣ 10762

♠ AQ832
♥ 107
♦ Q107
♣ 985

NS 4♠; EW 2♥; NS 2♦;
E 1♣; Par +500; EW 5♥x- 3

N Deals
Both Vul

♠ AQJ94
♥ 83
♦ A2
♣ J1098

29

♠ K73
♥ KQ4
♦ K964
♣ KQ3

12
16 4
8

♠ 10862
♥ J7
♦ QJ873
♣ A4

♠ 5
♥ A109652
♦ 105
♣ 7652

NS 4♠; EW 3♥; NS 1N;
NS 2♦; NS 1♣; Par +500:
EW 5♥x- 2

E Deals
None Vul

♠ 864
♥ Q3
♦ AJ986
♣ 1054

30

♠ 7
♥ A1065
♦ 74
♣ AKJ962

7
12 7
14

♠ A95
♥ J8742
♦ 102
♣ Q87

♠ KQJ1032
♥ K9
♦ KQ53
♣ 3

NS 4♠; EW 4♥; EW 4♣;
EW 2N; NS 2♦; Par +100:
EW 5♣x- 1; EW 5♥x- 1

S Deals
N-S Vul

♠ 84
♥ A3
♦ K76
♣ A87653

31

♠ 7
♥ K765
♦ J1083
♣ KQJ9

11
10 11
8

♠ AQ3
♥ QJ1082
♦ Q942
♣ 4

♠ KJ109652
♥ 94
♦ A5
♣ 102

NS 4♠; NS 2N; EW 2♥;
EW 3♦; NS 2♣; Par +300:
EW 5♦x- 2

W Deals
E-W Vul

♠ 762
♥ Q10
♦ KJ106
♣ J874

32

♠ QJ43
♥ A62
♦ 932
♣ Q53

7
9 10
14

♠ —
♥ J87543
♦ Q4
♣ AK1096

♠ AK10985
♥ K9
♦ A875
♣ 2

EW 4♥; NS 3♠; NS 3♦;
NS 1N; EW 2♣; Par - 100:
NS 4♠x- 1

N Deals
None Vul

♠ KQ8
♥ K6
♦ 104
♣ J106542

33

♠ 10
♥ 109854
♦ 653
♣ AK87

9
7 14
10

♠ A42
♥ J732
♦ AQJ82
♣ Q

♠ J97653
♥ AQ
♦ K97
♣ 93

E 4♥; W 3♥; EW 4♦;
NS 2♠; NS 1♣; Par - 300:
NS 4♠x- 2

E Deals
N-S Vul

♠ KJ543
♥ 543
♦ 753
♣ Q7

34

♠ 76
♥ AKQ87
♦ A94
♣ 1092

6
13 9
12

♠ A2
♥ J962
♦ 1082
♣ A843

♠ Q1098
♥ 10
♦ KQJ6
♣ KJ65

NS 3♠; EW 2N; EW 2♥;
NS 1♦; EW 1♣; Par +100:
EW 3N×- 1

S Deals
E-W Vul

♠ Q853
♥ —
♦ J109765
♣ AK6

35

♠ 2
♥ 97654
♦ K32
♣ QJ95

10
6 14
10

♠ A94
♥ AKJ2
♦ Q4
♣ 10832

♠ KJ1076
♥ Q1083
♦ A8
♣ 74

NS 5♠; NS 4♦; EW 2♥;
NS 1N; EW 2♣; Par +450

W Deals
Both Vul

♠ J108
♥ 4
♦ K943
♣ QJ872

36

♠ 3
♥ QJ963
♦ 106
♣ K10965

7
6 16
11

♠ KQ5
♥ A1052
♦ AQJ52
♣ 4

♠ A97642
♥ K87
♦ 87
♣ A3

EW 4♥; E 3N; NS 2♠;
EW 2♦; E 2♣; W 1♣;
Par - 500; NS 4♠x- 2

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S Deals Both Vul

♠ A1093
♥ K954
♦ Q4
♣ 532

39

♠ J2
♥ J8763
♦ KJ105
♣ Q9

♠ K4
♥ AQ102
♦ A9876
♣ 106

9 ♠ Q8765
8 13 ♥ —
10 ♦ 32
♣ AKJ874

NS 4♠; EW 3♥; NS 4♣;
E 3♦; W 2♦; Par +500;
E 5♦x-2; EW 5♥x-2

W Deals None Vul

♠ KQ108643
♥ —
♦ 6
♣ A9873

40

♠ A97
♥ Q9765
♦ AJ93
♣ 6

♠ 2
♥ AJ102
♦ K10874
♣ Q42

9 ♠ J5
11 10 ♥ K843
10 ♦ Q52
♣ KJ105

EW 5♥; NS 4♠; EW 4♦;
NS 4♣; EW 1N; Par - 100;
NS 5♠x-1

N Deals E-W Vul

♠ K983
♥ A86
♦ A10
♣ K1096

41

♠ 10
♥ K107543
♦ J84
♣ A43

♠ QJ7
♥ QJ2
♦ KQ6532
♣ 7

14 ♠ A6542
8 11 ♥ 9
7 ♦ 97
♣ QJ852

NS 4♠; EW 4♥; NS 4♣;
NS 1N; EW 2♦; Par +200;
EW 5♥x-1

E Deals Both Vul

♠ A865
♥ 54
♦ 95
♣ KJ943

42

♠ QJ
♥ K106
♦ KJ1087
♣ 1086

♠ 107
♥ AQJ872
♦ Q632
♣ 7

8 ♠ K9432
10 9 ♥ 93
13 ♦ A4
♣ AQ52

NS 5♠; NS 5♣; EW 3♥;
EW 3♦; NS 1N; Par +650

S Deals None Vul

♠ AQJ10
♥ J2
♦ 9
♣ AQJ872

43

♠ K9
♥ AQ7
♦ K10762
♣ 964

♠ 86
♥ K109654
♦ AQJ5
♣ 10

15 ♠ 75432
12 10 ♥ 83
3 ♦ 843
♣ K53

NS 4♠; EW 4♥; EW 4♦;
NS 4♣; Par +100;
EW 5♦x-1; EW 5♥x-1

W Deals N-S Vul

♠ AJ7642
♥ Q4
♦ 6
♣ AQ87

44

♠ K85
♥ A972
♦ AQJ105
♣ 3

♠ 9
♥ K10863
♦ K983
♣ J65

13 ♠ Q103
14 7 ♥ J5
6 ♦ 742
♣ K10942

EW 5♥; NS 4♠; EW 5♦;
NS 4♣; Par - 200; NS 5♠x-1

N Deals Both Vul

♠ 9754
♥ A8
♦ Q
♣ K109765

45

♠ 10
♥ KQ742
♦ A96542
♣ J

♠ AJ3
♥ J1095
♦ J108
♣ Q43

9 ♠ KQ862
10 9 ♥ 63
12 ♦ K73
♣ A82

NS 4♠; EW 3♥; EW 4♦;
NS 4♣; NS 1N; Par +200;
EW 5♦x-1

E Deals None Vul

♠ 642
♥ AK10
♦ 107
♣ 108763

46

♠ 875
♥ Q532
♦ QJ986
♣ 5

♠ Q
♥ J9876
♦ AK54
♣ K92

7 ♠ AKJ1093
5 13 ♥ 4
15 ♦ 32
♣ AQJ4

NS 4♠; NS 5♣; EW 3♥;
NS 2N; EW 2♦; Par +300;
EW 5♥x-2

S Deals N-S Vul

♠ 10964
♥ 52
♦ 5
♣ KJ10743

47

♠ KJ8
♥ K983
♦ K10762
♣ 2

♠ 3
♥ AJ764
♦ A943
♣ 865

4 ♠ AQ752
10 9 ♥ Q10
17 ♦ QJ8
♣ AQ9

EW 4♥; EW 4♦; NS 2♠;
NS 2♣; Par - 420

W Deals E-W Vul

♠ QJ943
♥ Q3
♦ Q84
♣ 1094

48

♠ 752
♥ 10762
♦ 963
♣ J62

♠ K
♥ AK954
♦ AKJ752
♣ 3

7 ♠ A1086
1 18 ♥ J8
14 ♦ 10
♣ AKQ875

EW 5♥; NS 4♠; EW 4♦;
NS 4♣; Par - 100; NS 5♠x-1

N Deals None Vul

♠ K1063
♥ 87
♦ 76
♣ A8532

49

♠ J95
♥ A6
♦ 1098543
♣ J9

♠ Q
♥ K1095432
♦ AQJ
♣ K10

7 ♠ A8742
6 15 ♥ QJ
12 ♦ K2
♣ Q764

EW 4♥; NS 3♠; EW 4♦;
NS 3♣; Par - 100; NS 4♠x-1

E Deals N-S Vul

♠ AJ8642
♥ J3
♦ —
♣ K8432

50

♠ 953
♥ 9642
♦ AKQ2
♣ Q5

♠ Q
♥ K10875
♦ J9843
♣ J6

9 ♠ K107
11 7 ♥ AQ
13 ♦ 10765
♣ A1097

NS 7♠; NS 7♣; NS 2N;
EW 2♦; Par +2210

S Deals E-W Vul

♠ 4
♥ J5
♦ KJ62
♣ QJ10764

51

♠ 10963
♥ Q432
♦ Q987
♣ 9

♠ —
♥ AK1096
♦ A10543
♣ AK5

8 ♠ AKQJ8752
4 18 ♥ 87
10 ♦ —
♣ 832

E 6♥; EW 6♦; W 5♥;
NS 2♠; NS 1♣; Par - 800;
NS 6♠x-4

W Deals Both Vul

♠ AKJ65
♥ KJ
♦ J6
♣ KQ63

52

♠ —
♥ A1097652
♦ A1097
♣ J5

♠ Q1073
♥ Q8
♦ KQ842
♣ A2

18 ♠ 9842
9 13 ♥ 43
0 ♦ 53
♣ 109874

EW 5♥; EW 5♦; EW 1N;
NS 1♠; NS 1♣; Par - 650

N Deals N-S Vul

♠ AK9764
♥ J
♦ 10
♣ KJ982

53

♠ 53
♥ AQ10964
♦ J9653
♣ —

♠ 108
♥ K82
♦ KQ72
♣ A1076

12 ♠ QJ2
7 12 ♥ 753
9 ♦ A84
♣ Q543

S 4♠; N 3♠; EW 3♥;
EW 4♦; NS 4♣; Par +100;
EW 5♦x-1

E Deals E-W Vul

♠ AKQ965
♥ 92
♦ 876
♣ A9

54

♠ 83
♥ J10843
♦ AKJ95
♣ 8

♠ J7
♥ KQ76
♦ Q432
♣ QJ3

13 ♠ 1042
9 11 ♥ A5
7 ♦ 10
♣ K1076542

NS 6♠; NS 4♣; NS 2N;
EW 2♥; EW 3♦; Par +980

	North	South	West	East
Mean HCP	9.99	10.04	10.32	9.65
Balanced Hands	23	21	21	27
Voids	12	6	7	4
Singletons	35	29	38	40
Long Suits (>6)	9	6	7	7

S Deals Both Vul ♠ J97653
♥ 63
♦ 10754
♣ 7

55

♠ 4
♥ 84
♦ AQJ3
♣ KQ10632

♠ 8
♥ AKQJ109752
♦ 98
♣ 4

1
12 10
17

♠ AKQ102
♥ —
♦ K62
♣ AJ985

W Deals None Vul ♠ J986432
♥ A
♦ Q87
♣ 106

56

♠ 7
♥ QJ1094
♦ K964
♣ 943

♠ K
♥ K87652
♦ J3
♣ KQ75

7
6 12
15

♠ AQ105
♥ 3
♦ A1052
♣ AJ82

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EW 5♥; NS 4♠; NS 1♦;
EW 1♣; Par -200: NS 5♠x-1

NS 6♠; NS 4N; NS 4♦;
EW 2♥; NS 1♣; Par +980

N Deals E-W Vul ♠ K987543
♥ —
♦ K42
♣ 872

57

♠ —
♥ AK10982
♦ Q1093
♣ 965

♠ A2
♥ J6543
♦ 87
♣ AQJ4

6
9 12
13

♠ QJ106
♥ Q7
♦ AJ65
♣ K103

EW 4♥; NS 3♠; EW 2N;
W 3♣; E 2♣; NS 1♦;
Par -100: NS 4♠x-1

E Deals Both Vul ♠ J109652
♥ —
♦ KQ107
♣ 1096

58

♠ 7
♥ KQ10764
♦ 63
♣ KQ74

♠ Q
♥ A8532
♦ A52
♣ J532

6
10 11
13

♠ AK843
♥ J9
♦ J984
♣ A8

NS 5♠; EW 4♥; NS 5♦;
EW 2♣; Par +500:
EW 6♥x-2

S Deals None Vul ♠ AJ98753
♥ 9
♦ —
♣ AQ762

59

♠ K6
♥ KQ2
♦ KQ2
♣ K10853

♠ —
♥ AJ1087543
♦ J873
♣ 4

11
16 6
7

♠ Q1042
♥ 6
♦ A109654
♣ J9

NS 6♠; W 5♥; E 4♥; W 3N;
NS 2♣; NS 1♦; Par +300:
W 7♥x-2

W Deals N-S Vul ♠ AQ10953
♥ 5
♦ 43
♣ AK42

60

♠ J
♥ QJ1076
♦ AQ762
♣ 95

♠ 4
♥ AK9842
♦ 1098
♣ Q87

13
10 9
8

♠ K8762
♥ 3
♦ KJ5
♣ J1063

EW 4♥; NS 3♠; EW 3♦;
NS 3♣; Par -200: NS 4♠x-1

N Deals Both Vul ♠ 10987542
♥ 104
♦ A1092
♣ —

61

♠ K
♥ AKQJ62
♦ 87643
♣ J

♠ 3
♥ 98753
♦ 5
♣ KQ8542

4
14 5
17

♠ AQJ6
♥ —
♦ KQJ
♣ A109763

NS 7♠; EW 4♥; NS 4♦;
NS 1N; NS 1♣; Par +2210

E Deals None Vul ♠ AKQJ1098
♥ 4
♦ Q
♣ AJ103

62

♠ 5
♥ AQ86532
♦ A97
♣ 82

♠ 2
♥ KJ107
♦ J10432
♣ KQ7

17
10 10
3

♠ 7643
♥ 9
♦ K865
♣ 9654

EW 4♥; NS 3♠; EW 4♦;
NS 3♣; Par -100: NS 4♠x-1

S Deals N-S Vul ♠ K986542
♥ —
♦ 95
♣ A1065

63

♠ —
♥ AQJ7632
♦ K32
♣ K74

♠ Q3
♥ K1098
♦ 876
♣ J983

7
13 6
14

♠ AJ107
♥ 54
♦ AQJ104
♣ Q2

NS 6♠; EW 3♥; NS 4♦;
S 1♣; Par +800: EW 7♥x-4

W Deals E-W Vul ♠ KJ842
♥ Q
♦ K76
♣ AQ62

64

♠ 105
♥ K98752
♦ 103
♣ J109

♠ —
♥ AJ1043
♦ AQJ542
♣ K8

15
4 15
6

♠ AQ9763
♥ 6
♦ 98
♣ 7543

EW 6♥; EW 6♦; NS 3♠;
N 2♣; S 1♣; Par -500:
NS 6♠x-3

N Deals None Vul ♠ KQJ742
♥ —
♦ 6
♣ KQ10932

65

♠ 8
♥ AJ8
♦ A87543
♣ A65

♠ 6
♥ KQ1076432
♦ QJ9
♣ 7

11
13 8
8

♠ A10953
♥ 95
♦ K102
♣ J84

EW 5♥; NS 4♠; NS 5♣;
EW 4♦; EW 1N; Par -100:
NS 5♠x-1; NS 6♣x-1

E Deals N-S Vul ♠ QJ109654
♥ —
♦ 9
♣ A6532

66

♠ K
♥ K975
♦ AK764
♣ 1084

♠ 3
♥ AQJ10864
♦ 10832
♣ 9

7
13 7
13

♠ A872
♥ 32
♦ QJ5
♣ KQJ7

NS 6♠; NS 6♣; EW 5♥;
EW 4♦; Par +300:
EW 7♥x-2

S Deals E-W Vul ♠ 9654
♥ 5
♦ K1085
♣ KQJ6

67

♠ —
♥ AK976432
♦ J96
♣ A3

♠ QJ
♥ QJ8
♦ Q742
♣ 10954

9
12 8
11

♠ AK108732
♥ 10
♦ A3
♣ 872

NS 5♠; EW 4♥; S 4♣; N 3♣;
S 2♦; N 1♦; Par +450

W Deals Both Vul ♠ AK432
♥ 2
♦ K104
♣ Q872

68

♠ 10
♥ AQJ876
♦ AJ76
♣ 65

♠ J
♥ K10543
♦ Q83
♣ KJ94

12
12 10
6

♠ Q98765
♥ 9
♦ 952
♣ A103

EW 4♥; NS 3♠; EW 4♦;
NS 1♣; Par -200: NS 4♠x-1

N Deals N-S Vul ♠ Q8652
♥ 10
♦ A9643
♣ 106

69

♠ A
♥ AQ65
♦ 10875
♣ AJ83

♠ 4
♥ KJ98743
♦ Q2
♣ 974

6
15 6
13

♠ KJ10973
♥ 2
♦ KJ
♣ KQ52

NS 4♠; EW 4♥; EW 3N;
NS 2♦; EW 1♣; Par +100:
EW 4N×-1; EW 5♥x-1

E Deals E-W Vul ♠ 9864
♥ 6
♦ K763
♣ A1042

70

♠ A
♥ AKQJ753
♦ 8
♣ J865

♠ 7
♥ 10942
♦ Q9542
♣ KQ3

7
15 7
11

♠ KQJ10532
♥ 8
♦ AJ10
♣ 97

EW 5♥; NS 4♠; EW 2N;
EW 2♣; NS 1♦; Par -100:
NS 5♠x-1

S Deals Both Vul ♠ KQJ43
♥ 6
♦ 985
♣ KJ52

71

♠ —
♥ Q5432
♦ AQ76
♣ Q1093

♠ 96
♥ AKJ1097
♦ J43
♣ 76

10
10 9
11

♠ A108752
♥ 8
♦ K102
♣ A84

E 5♥; NS 4♠; W 4♥;
EW 3♦; S 3♣; N 2♣;
Par -200: NS 5♠x-1

W Deals None Vul ♠ K10987
♥ J
♦ Q952
♣ J63

72

♠ —
♥ KQ107643
♦ AK4
♣ 852

♠ 64
♥ A982
♦ 10863
♣ KQ7

7
12 9
12

♠ AQJ532
♥ 5
♦ J7
♣ A1094

E 5♥; W 4♥; NS 3♠; S 2♣;
EW 1♦; N 1♣; Par -300:
NS 5♠x-2