	N	S
N	10	10
S	11	11
H	12	12
D	8	8
C	8	8

 # 1 N/None — Opt. res. 980

	♠AT ♥K72 ♦AT98 ♣AT52	
♠K32 ♥J64 ♦76542 ♣QJ		♠87 ♥Q9 ♦QJ3 ♣K98743
	♠QJ9654 ♥AT853 ♦K ♣6	

15 7 8 10 ♙

	E	W
N	3	3
S	2	2
H	1	1
D	4	4
C	4	4

-150

	N	S
N	8	8
S	5	5
H	8	8
D	7	7
C	7	7

 # 2 E/NS — Opt. res. 120

	♠Q3 ♥AQ92 ♦Q95 ♣J432	
♠AT85 ♥KT754 ♦A ♣KT8		♠9764 ♥8 ♦KT874 ♣965
	♠KJ2 ♥J63 ♦J632 ♣AQ7	

11 14 3 12 ♙

	E	W
N	4	4
S	6	6
H	5	5
D	6	6
C	4	4

-50

	N	S
N	4	4
S	3	3
H	7	7
D	2	2
C	6	6

 # 3 S/EW — Opt. res. -620

	♠K2 ♥KQ93 ♦982 ♣A642	
♠AJ63 ♥5 ♦Q543 ♣QT95		♠9875 ♥AJ6 ♦AKJT7 ♣J
	♠QT4 ♥T8742 ♦6 ♣K873	

12 9 14 5 ♙

	E	W
N	9	9
S	10	10
H	6	6
D	11	11
C	6	6

620

	N	S
N	1	1
S	1	1
H	1	1
D	1	1
C	5	5

 # 4 W/All — Opt. res. -1430

	♠K853 ♥J43 ♦J74 ♣Q83	
♠AJ2 ♥AQT98 ♦AKQ9 ♣A		♠QT64 ♥K76 ♦T5 ♣9652
	♠97 ♥52 ♦8632 ♣KJT74	

7 24 5 4 ♙

	E	W
N	11	11
S	12	12
H	12	12
D	11	11
C	8	8

1430

	N	S
N	8	7
S	5	5
H	3	3
D	7	7
C	7	6

 # 5 N/NS — Opt. res. -140

	♠K53 ♥75 ♦AQT3 ♣T764	
♠9 ♥KQJT9643 ♦742 ♣Q		♠AQT762 ♥8 ♦8 ♣AJ853
	♠J84 ♥A2 ♦KJ965 ♣K92	

9 8 11 12 ♙

	E	W
N	4	4
S	8	8
H	9	9
D	4	4
C	6	6

140

	N	S
N	5	7
S	8	8
H	9	9
D	7	8
C	5	5

 # 6 E/EW — Opt. res. 140

	♠AKT42 ♥AKJT ♦Q7 ♣Q2	
♠J76 ♥8 ♦AKJ3 ♣KT543		♠Q98 ♥Q764 ♦64 ♣J987
	♠53 ♥9532 ♦T9852 ♣A6	

19 12 5 4 ♙

	E	W
N	6	6
S	5	5
H	4	4
D	4	4
C	7	7

70

	N	S
N	9	9
S	10	10
H	9	9
D	4	4
C	4	4

 # 7 S/All — Opt. res. 500

	♠T852 ♥AKQT6 ♦652 ♣A	
♠Q ♥J7 ♦QJT4 ♣KQ9843		♠9764 ♥9432 ♦AK7 ♣JT
	♠AKJ3 ♥85 ♦983 ♣7652	

13 11 8 8 ♙

	E	W
N	3	3
S	2	2
H	3	3
D	8	8
C	9	9

110

	N	S
N	3	3
S	6	6
H	2	2
D	3	3
C	4	4

 # 8 W/None — Opt. res. -450

	♠T96 ♥T ♦KQ53 ♣QJ976	
♠8 ♥2 ♦AJ9642 ♣A8432		♠AJ7 ♥AKJ9873 ♦T7 ♣K
	♠KQ5432 ♥Q654 ♦8 ♣T5	

8 9 16 7 ♙

	E	W
N	9	8
S	5	6
H	11	10
D	9	10
C	8	9

450

	N	S
N	7	7
S	6	6
H	8	8
D	7	7
C	5	5

 # 9 N/EW — Opt. res. 110

	♠T642 ♥962 ♦Q42 ♣KQ6	
♠K853 ♥AKQ ♦98 ♣AT92		♠QJ7 ♥54 ♦J653 ♣J543
	♠A9 ♥JT873 ♦AKT7 ♣87	

7 16 5 12 ♙

	E	W
N	6	6
S	7	7
H	4	5
D	6	6
C	8	8

90

	N	S
N	4	4
S	8	8
H	3	4
D	4	4
C	4	4

 # 10 E/All — Opt. res. 110

	♠AKJ862 ♥65 ♦Q ♣9753	
♠T4 ♥AQJT3 ♦J7 ♣AJ42		♠53 ♥842 ♦KT963 ♣KT8
	♠Q97 ♥K97 ♦A8542 ♣Q6	

10 13 6 11 ♙

	E	W
N	6	6
S	5	5
H	8	8
D	8	8
C	9	9

110

	N	S
N	6	6
S	8	8
H	8	8
D	4	4
C	6	6

 # 11 S/None — Opt. res. -100

	♠T642 ♥AJ ♦72 ♣AKJ52	
♠AQ8 ♥Q872 ♦KJ986 ♣4		♠J9 ♥5 ♦QT43 ♣QT9863
	♠K753 ♥KT9643 ♦A5 ♣7	

13 12 5 10 ♙

	E	W
N	5	5
S	4	4
H	4	4
D	9	9
C	7	7

110

	N	S
N	4	4
S	8	8
H	5	5
D	2	2
C	6	6

 # 12 W/NS — Opt. res. -400

	♠KJT872 ♥7 ♦76 ♣QJT9	
♠4 ♥QJT54 ♦AKJ94 ♣64		♠A963 ♥A ♦QT82 ♣K852
	♠Q5 ♥K98632 ♦53 ♣A73	

7 11 13 9 ♙

	E	W
N	8	8
S	5	5
H	8	7
D	11	10
C	7	7

400

	N	S
N	6	7
S	6	6
H	8	8
D	8	8
C	7	7

 # 13 N/All — Opt. res. 110

	♠AJ872 ♥K8 ♦K43 ♣Q97	
♠T5 ♥AQ6 ♦AJ75 ♣KT32		♠KQ964 ♥T72 ♦62 ♣865
	♠3 ♥J9543 ♦QT98 ♣AJ4	

13 14 5 8 ♙

	E	W
N	6	6
S	7	7
H	4	5
D	4	5
C	5	6

80

	N	S
N	7	7
S	7	6
H	5	5
D	7	7
C	7	7

 # 14 E/None — Opt. res. -100

	♠7654 ♥AJ9 ♦AQJ7 ♣65	
♠KQT3 ♥6532 ♦64 ♣JT9		♠A8 ♥Q874 ♦KT95 ♣A72
	♠J92 ♥KT ♦832 ♣KQ843	

12 6 13 9 ♙

	E	W
N	6	6
S	6	6
H	8	8
D	6	6
C	6	5

110

	N	S
N	6	6
S	8	8
H	9	9
D	6	6
C	5	5

 # 15 S/NS — Opt. res. 140

	♠AT762 ♥AJT87 ♦T8 ♣2	
♠9853 ♥Q ♦A96 ♣AK753		♠J4 ♥K953 ♦Q754 ♣QT9
	♠KQ ♥642 ♦KJ32 ♣J864	

9 13 8 10 ♙

	E	W
N	6	6
S	5	5
H	4	4
D	6	6
C	8	8

90

	N	S
N	4	4
S	7	7
H	7	7
D	3	3
C	8	8

 # 16 W/EW — Opt. res. -300

	♠J87653 ♥A7 ♦5 ♣T975	
♠A42 ♥K5 ♦KJT864 ♣J3		♠KQ ♥J932 ♦Q932 ♣KQ2
	♠T9 ♥QT864 ♦A7 ♣A864	

5 12 13 10 ♙

	E	W
N	9	9
S	6	6
H	6	6
D	10	10
C	5	5

600

	N	S
N	3	3
S	4	4
H	1	1
D	7	7
C	8	8

 # 17 N/None — Opt. res. -450

	♠2 ♥T2 ♦Q986543 ♣AQ3	
♠QJ85 ♥KJ98653 ♦KT ♣-		♠KT9 ♥AQ7 ♦AJ7 ♣J754
	♠A7643 ♥4 ♦2 ♣KT9862	

8 10 15 7 ♙

	E	W
N	6	6
S	8	8
H	11	11
D	6	6
C	4	4

450

	N	S
N	8	8
S	10	10
H	6	6
D	9	9
C	8	8

 # 18 E/NS — Opt. res. 620

	♠AT93 ♥A2 ♦AQT7 ♣984	
♠Q84 ♥QT43 ♦K943 ♣QT		♠62 ♥K9765 ♦J8 ♣A532
	♠KJ75 ♥J8 ♦652 ♣KJ76	

14 9 8 9 ♙

	E	W
N	4	4
S	3	3
H	7	7
D	4	4
C	4	5

80

	N	S
N	7	7
S	5	5
H	5	5
D	10	10
C	9	9

 # 19 S/EW — Opt. res. 130

	♠K8 ♥A873 ♦T9532 ♣95	
♠AJ652 ♥J5 ♦64 ♣JT76		♠QT73 ♥KQT64 ♦Q8 ♣A3
	♠94 ♥92 ♦AKJ7 ♣KQ842	

7 7 13 13 ♙

	E	W
N	4	4
S	8	8
H	8	7
D	3	3
C	4	4

110

	N	S
N	5	5
S	9	9
H	4	4
D	4	4
C	8	8

 # 20 W/All — Opt. res. 140

	♠KQJT53 ♥2 ♦9 ♣AJT75	
♠92 ♥AQJT76 ♦AT43 ♣3		♠864 ♥K4 ♦K75 ♣K8642
	♠A7 ♥9853 ♦QJ862 ♣Q9	

11 11 9 9 ♙

	E	W
N	6	6
S	3	3
H	9	9
D	8	8
C	5	5

140

	N	S
N	10	11
S	9	10
H	10	10
D	10	11
C	9	9

 # 21 N/NS — Opt. res. 660

	♠AK95 ♥7643 ♦QJ ♣JT3	
♠T8764 ♥KT2 ♦T62 ♣Q4		♠J3 ♥J5 ♦9753 ♣A8762
	♠Q2 ♥AQ98 ♦AK84 ♣K95	

11 5 6 18 ♙

	E	W
N	2	2
S	3	3
H	3	3
D	2	2
C	4	4

-150

	N	S
N	12	12
S	12	12
H	12	12
D	10	10
C	8	8

 # 22 E/EW — Opt. res. 990

	♠532 ♥AQJT86 ♦QT72 ♣-	
♠Q87 ♥9532 ♦98653 ♣Q		♠96 ♥74 ♦KJ ♣KJ98743
	♠AKJT4 ♥K ♦A4 ♣AT652	

9 4 8 19 ♙

	E	W
N	1	1
S	1	1
H	1	1
D	3	3
C	5	5

-200

	N	S
N	2	2
S	6	6
H	5	5
D	1	1
C	4	4

 # 23 S/All — Opt. res. -1370

	♠KQT76 ♥T872 ♦QT ♣87	
♠AJ9 ♥A43 ♦AJ9653 ♣6		♠5 ♥KJ5 ♦8742 ♣AKJ43
	♠8432 ♥Q96 ♦K ♣QT952	

7 14 12 7 ♙

	E	W
N	8	11
S	7	7
H	8	8
D	12	12
C	9	9

1370

	N	S
N	10	10
S	5	5
H	11	11
D	9	9
C	7	7

 # 24 W/None — Opt. res. 450

	♠2 ♥AJT642 ♦AJ98 ♣62	
♠QJ ♥K8 ♦KQ732 ♣AJ83		♠KT97654 ♥95 ♦4 ♣754
	♠A83 ♥Q73 ♦T65 ♣KQT9	

10 16 3 11 ♙

	E	W
N	3	3
S	8	8
H	2	2
D	4	4
C	6	6

110

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N HPC	E HPC	S HPC	W HPC	|---Voids---|	|--Singletons---|	|- >=7suit -|	|---Balanced----|
10,29	8,83	9,75	11,13	1 0 0 1	10 9 10 15	1 3 0 2	14 14 15 9