1 — N/None — Opt. res. 460

North	♠32 ♥AKQ32 ♦AJ2 ♣QJT
West	♠J5 ♥765 ♦K643 ♣A732
East	♠KQT87 ♥J8 ♦T985 ♣54
South	♠A964 ♥T94 ♦Q7 ♣K986

HCP: N 17, W 8, E 6, S 9

	N	S	E	W
N	11	11	-	-
S	8	8	-	-
H	11	11	-	-
D	7	7	-	-
C	11	11	-	-
	460		-350	

2 — E/NS — Opt. res. 300

North	♠A73 ♥T3 ♦AJ9 ♣A9873
West	♠QT ♥KJ852 ♦T8542 ♣T
East	♠KJ86542 ♥A97 ♦Q ♣J2
South	♠9 ♥Q64 ♦K763 ♣KQ654

HCP: N 13, W 6, E 11, S 10

	N	S	E	W
N	8	8	-	-
S	-	-	9	9
H	-	-	8	8
D	8	8	-	-
C	11	11	-	-
	600		140	

3 — S/EW — Opt. res. 420

North	♠QT843 ♥A4 ♦864 ♣AK5
West	♠A6 ♥T76 ♦J973 ♣QJ98
East	♠K75 ♥J82 ♦AQT2 ♣T63
South	♠J92 ♥KQ953 ♦K5 ♣742

HCP: N 13, W 8, E 10, S 9

	N	S	E	W
N	8	8	-	-
S	10	10	-	-
H	9	9	-	-
D	7	7	-	-
C	7	7	-	-
	420		-700	

4 — W/All — Opt. res. -130

North	♠K643 ♥AJ6 ♦J9753 ♣5
West	♠JT82 ♥54 ♦Q6 ♣KJ764
East	♠AQ9 ♥Q9872 ♦A8 ♣AT9
South	♠75 ♥KT3 ♦KT42 ♣Q832

HCP: N 9, W 7, E 16, S 8

	N	S	E	W
N	-	-	7	7
S	-	-	8	8
H	-	-	8	8
D	9	9	-	-
C	-	-	10	10
	110		130	

5 — N/NS — Opt. res. -130

North	♠T876 ♥65 ♦K842 ♣J87
West	♠Q5432 ♥2 ♦AJ96 ♣AQ2
East	♠AJ ♥QJ93 ♦QT53 ♣T54
South	♠K9 ♥AKT874 ♦7 ♣K963

HCP: N 4, W 13, E 10, S 13

	N	S	E	W
N	-	-	7	7
S	-	-	8	8
H	7	7	-	-
D	-	-	10	10
C	-	-	-	-
	80		130	

6 — E/EW — Opt. res. 90

North	♠A85 ♥A943 ♦T4 ♣KQ65
West	♠97432 ♥72 ♦53 ♣AJT4
East	♠QJ ♥K865 ♦AKQJ96 ♣2
South	♠KT6 ♥QJT ♦872 ♣9873

HCP: N 13, W 5, E 16, S 6

	N	S	E	W
N	-	-	7	7
S	-	-	7	7
H	7	7	-	-
D	-	-	8	8
C	8	7	-	-
	90		90	

7 — S/All — Opt. res. 110

North	♠85 ♥43 ♦KT732 ♣QJ96
West	♠KJ96 ♥QT87 ♦95 ♣AT3
East	♠QT32 ♥652 ♦A8 ♣K542
South	♠A74 ♥AKJ9 ♦QJ64 ♣87

HCP: N 6, W 10, E 9, S 15

	N	S	E	W
N	7	7	-	-
S	-	-	7	7
H	-	-	-	-
D	9	9	-	-
C	-	-	-	-
	110		80	

8 — W/None — Opt. res. -460

North	♠JT ♥QT9742 ♦K2 ♣KQ6
West	♠AQ93 ♥A865 ♦T98 ♣85
East	♠K5 ♥K3 ♦AJ7653 ♣AJ7
South	♠87642 ♥J ♦Q4 ♣T9432

HCP: N 11, W 10, E 16, S 3

	N	S	E	W
N	-	-	11	11
S	-	-	9	9
H	-	-	7	7
D	-	-	11	11
C	-	-	8	8
	-350		460	

9 — N/EW — Opt. res. 450

North	♠T965 ♥864 ♦KT4 ♣AJ6
West	♠- ♥KQJT2 ♦AJ952 ♣943
East	♠J7 ♥975 ♦876 ♣KQT82
South	♠AKQ8432 ♥A3 ♦Q3 ♣75

HCP: N 8, W 11, E 6, S 15

	N	S	E	W
N	9	9	-	-
S	11	11	-	-
H	-	-	8	8
D	-	-	8	8
C	-	-	8	8
	450		110	

10 — E/All — Opt. res. -630

North	♠532 ♥Q92 ♦K4 ♣A9765
West	♠AQJ ♥AJ74 ♦AQ32 ♣QT
East	♠97 ♥KT865 ♦T76 ♣J84
South	♠KT864 ♥3 ♦J985 ♣K32

HCP: N 9, W 20, E 4, S 7

	N	S	E	W
N	-	-	10	10
S	-	-	7	7
H	-	-	10	10
D	-	-	8	8
C	-	-	-	7
	-700		630	

11 — S/None — Opt. res. -140

North	♠Q96 ♥87 ♦J94 ♣KQT93
West	♠AT75 ♥AQ3 ♦763 ♣A84
East	♠KJ42 ♥JT95 ♦KT5 ♣J2
South	♠83 ♥K642 ♦AQ82 ♣765

HCP: N 8, W 14, E 9, S 9

	N	S	E	W
N	-	-	8	8
S	-	-	9	9
H	-	-	9	8
D	-	-	-	-
C	8	8	-	-
	90		140	

12 — W/NS — Opt. res. 300

North	♠AJT8642 ♥63 ♦J9 ♣J7
West	♠Q5 ♥AT7542 ♦AKQ7 ♣Q
East	♠93 ♥QJ ♦T832 ♣98643
South	♠K7 ♥K98 ♦654 ♣AKT52

HCP: N 7, W 17, E 3, S 13

	N	S	E	W
N	-	-	-	-
S	9	10	-	-
H	-	-	9	9
D	-	-	8	8
C	-	7	-	-
	620		140	

13 — N/All — Opt. res. 90

North	♠J984 ♥4 ♦K643 ♣QT42
West	♠AT3 ♥96 ♦752 ♣AJ983
East	♠K765 ♥AK532 ♦T9 ♣K7
South	♠Q2 ♥QJT87 ♦AQJ8 ♣65

HCP: N 6, W 9, E 13, S 12

	N	S	E	W
N	-	-	-	-
S	-	-	7	7
H	-	-	7	7
D	8	8	-	-
C	-	-	8	8
	90		90	

14 — E/None — Opt. res. -920

North	♠J8 ♥KQT54 ♦A842 ♣82
West	♠AQ5 ♥AJ93 ♦KQJT5 ♣4
East	♠K32 ♥- ♦9763 ♣AQJ653
South	♠T9764 ♥8762 ♦- ♣KT97

HCP: N 10, W 17, E 10, S 3

	N	S	E	W
N	-	-	9	9
S	-	-	7	7
H	7	-	-	-
D	-	-	12	12
C	-	-	10	10
	80		920	

15 — S/NS — Opt. res. 1430

North	♠KQ4 ♥AK7 ♦AJT872 ♣A
West	♠532 ♥Q5 ♦Q654 ♣T965
East	♠AJ97 ♥964 ♦3 ♣QJ732
South	♠T86 ♥JT832 ♦K9 ♣K84

HCP: N 21, W 4, E 8, S 7

	N	S	E	W
N	11	11	-	-
S	9	9	-	-
H	12	12	-	-
D	11	11	-	-
C	7	7	-	-
	1430		-350	

32 deals
N HPC 9.88 E HPC 9.88 S HPC 9.91 W HPC 10.34
|----Voids----| 0 1 1 2 |--Singletons-| 7 10 7 9 |-- >=7suit --| 1 1 2 |----Balanced----| 22 19 22 22

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16 W/EW
Opt. res. -140

North: ♠KJ63 ♥A ♦T9832 ♣J98
West: ♠T87 ♥KQ8 ♦KJ64 ♣753
East: ♠A92 ♥J97642 ♦7 ♣AKT
South: ♠Q54 ♥T53 ♦AQ5 ♣Q642

HCP: N 9, W 9, E 12, S 10

	N	S			E	W
N	-	-		N	8	8
S	7	7		S	-	-
H	-	-		H	9	9
D	8	8		D	-	-
C	7	7		C	-	-
	90				140	

17 N/None
Opt. res. 430

North: ♠Q93 ♥64 ♦AKQ6 ♣Q982
West: ♠A ♥QT87532 ♦T ♣J653
East: ♠T654 ♥J9 ♦J985 ♣AK4
South: ♠KJ872 ♥AK ♦7432 ♣T7

HCP: N 13, W 7, E 9, S 11

	N	S			E	W
N	10	10		N	-	-
S	10	10		S	-	-
H	-	-		H	8	8
D	8	8		D	-	-
C	7	7		C	-	-
	430				110	

18 E/NS
Opt. res. 2140

North: ♠65 ♥974 ♦AKT632 ♣T7
West: ♠Q4 ♥KJT53 ♦4 ♣J9532
East: ♠J9832 ♥Q862 ♦9 ♣K86
South: ♠AKT7 ♥A ♦QJ875 ♣AQ4

HCP: N 7, W 7, E 6, S 20

	N	S			E	W
N	11	11		N	-	-
S	9	9		S	-	-
H	7	7		H	-	-
D	13	13		D	-	-
C	7	7		C	-	-
	2140				-350	

19 S/EW
Opt. res. -100

North: ♠82 ♥J2 ♦9853 ♣AJ732
West: ♠AJT9 ♥QT984 ♦74 ♣K6
East: ♠KQ3 ♥A763 ♦KQT2 ♣85
South: ♠7654 ♥K5 ♦AJ6 ♣QT94

HCP: N 6, W 10, E 14, S 10

	N	S			E	W
N	7	7		N	-	-
S	-	-		S	8	8
H	-	-		H	9	9
D	7	7		D	-	-
C	9	9		C	-	-
	110				140	

20 W/All
Opt. res. -660

North: ♠T93 ♥J832 ♦9873 ♣Q5
West: ♠K5 ♥AT95 ♦42 ♣KT984
East: ♠8742 ♥K ♦AKQT65 ♣A7
South: ♠AQJ6 ♥Q764 ♦J ♣J632

HCP: N 3, W 10, E 16, S 11

	N	S			E	W
N	-	-		N	11	11
S	-	-		S	10	10
H	-	-		H	8	8
D	-	-		D	11	11
C	-	-		C	11	11
	-700				660	

21 N/NS
Opt. res. 140

North: ♠A2 ♥JT98 ♦AK542 ♣A8
West: ♠T76 ♥K532 ♦Q73 ♣542
East: ♠Q53 ♥AQ6 ♦T96 ♣KQ96
South: ♠KJ984 ♥74 ♦J8 ♣JT73

HCP: N 16, W 5, E 13, S 6

	N	S			E	W
N	8	8		N	-	-
S	9	9		S	-	-
H	8	8		H	-	-
D	9	9		D	-	-
C	8	8		C	-	-
	140				-350	

22 E/EW
Opt. res. 110

North: ♠K862 ♥QT ♦Q75 ♣T932
West: ♠Q75 ♥864 ♦K963 ♣KJ5
East: ♠JT94 ♥AJ3 ♦A82 ♣874
South: ♠A3 ♥K9752 ♦JT4 ♣AQ6

HCP: N 7, W 9, E 10, S 14

	N	S			E	W
N	7	7		N	-	-
S	-	-		S	7	7
H	8	8		H	-	-
D	-	-		D	-	-
C	8	8		C	-	-
	110				80	

23 S/All
Opt. res. -1440

North: ♠T864 ♥T732 ♦8 ♣T932
West: ♠A9 ♥AKJ6 ♦KT752 ♣Q5
East: ♠K7 ♥9 ♦AQJ43 ♣KJ874
South: ♠QJ532 ♥Q854 ♦96 ♣A6

HCP: N 0, W 17, E 14, S 9

	N	S			E	W
N	-	-		N	12	12
S	-	-		S	8	8
H	-	-		H	10	10
D	-	-		D	12	12
C	-	-		C	11	11
	-700				1440	

24 W/None
Opt. res. 500

North: ♠AT6 ♥KQ3 ♦A ♣A87653
West: ♠QJ842 ♥T6 ♦KT8632 ♣-
East: ♠73 ♥A972 ♦J754 ♣QT9
South: ♠K95 ♥J854 ♦Q9 ♣KJ42

HCP: N 17, W 6, E 7, S 10

	N	S			E	W
N	9	9		N	-	-
S	7	8		S	-	-
H	10	10		H	-	-
D	-	-		D	9	9
C	12	12		C	-	-
	920				110	

25 N/EW
Opt. res. -500

North: ♠643 ♥54 ♦AKQJ5 ♣653
West: ♠KT ♥A862 ♦84 ♣AKQT7
East: ♠87 ♥KQT97 ♦T962 ♣94
South: ♠AQJ952 ♥J3 ♦73 ♣J82

HCP: N 10, W 16, E 5, S 9

	N	S			E	W
N	-	-		N	7	7
S	7	7		S	-	-
H	-	-		H	10	10
D	-	-		D	-	-
C	-	-		C	10	10
	80				620	

26 E/All
Opt. res. -1440

North: ♠Q952 ♥85 ♦32 ♣A9753
West: ♠T87 ♥T4 ♦AKQT4 ♣KJ2
East: ♠A6 ♥AKQJ63 ♦85 ♣T86
South: ♠KJ43 ♥972 ♦J976 ♣Q4

HCP: N 6, W 13, E 14, S 7

	N	S			E	W
N	-	-		N	12	12
S	-	-		S	7	7
H	-	-		H	12	12
D	-	-		D	12	12
C	-	-		C	9	9
	-700				1440	

27 S/None
Opt. res. 420

North: ♠J4 ♥K852 ♦AJ763 ♣86
West: ♠KT762 ♥6 ♦QT98 ♣J93
East: ♠A93 ♥QJ94 ♦52 ♣T542
South: ♠Q85 ♥AT73 ♦K4 ♣AKQ7

HCP: N 9, W 6, E 7, S 18

	N	S			E	W
N	9	9		N	-	-
S	8	8		S	-	-
H	10	10		H	-	-
D	10	10		D	-	-
C	9	9		C	-	-
	420				-350	

28 W/NS
Opt. res. -400

North: ♠AQ63 ♥A9872 ♦95 ♣AQ
West: ♠J ♥KQ6 ♦AKQJ873 ♣K6
East: ♠KT987 ♥T4 ♦T2 ♣T873
South: ♠542 ♥J53 ♦64 ♣J9542

HCP: N 16, W 19, E 3, S 2

	N	S			E	W
N	-	-		N	8	9
S	-	-		S	7	7
H	7	7		H	-	-
D	-	-		D	9	9
C	7	7		C	-	-
	80				400	

29 N/All
Opt. res. -620

North: ♠872 ♥A72 ♦842 ♣QJ62
West: ♠A53 ♥T543 ♦J653 ♣74
East: ♠KQ4 ♥K986 ♦AKT97 ♣8
South: ♠JT96 ♥QJ ♦Q ♣AKT953

HCP: N 7, W 5, E 15, S 13

	N	S			E	W
N	-	-		N	-	-
S	-	-		S	7	7
H	-	-		H	10	10
D	-	-		D	10	10
C	8	8		C	-	-
	90				620	

30 E/None
Opt. res. 980

North: ♠Q8 ♥3 ♦AQ873 ♣QT542
West: ♠642 ♥9762 ♦KT64 ♣96
East: ♠J53 ♥AKQT84 ♦J ♣J73
South: ♠AKT97 ♥J5 ♦952 ♣AK8

HCP: N 10, W 3, E 12, S 15

	N	S			E	W
N	7	7		N	-	-
S	12	12		S	-	-
H	-	-		H	7	7
D	11	11		D	-	-
C	12	12		C	-	-
	980				80	

32 deals N HPC 9.88 E HPC 9.88 S HPC 9.91 W HPC 10.34
|---Voids---| 0 1 1 2 |--Singletons-| 7 10 7 9 |-- >=7suit --| 1 1 2 |---Balanced----| 22 19 22 22

 # 31
S/NS

North: ♠AT2 ♥32 ♦K742 ♣J632
West: ♠Q8754 ♥KQ6 ♦J6 ♣AKQ
East: ♠3 ♥AT95 ♦QT983 ♣T84
South: ♠KJ96 ♥J874 ♦A5 ♣975

HCP: N 8, W 17, E 6, S 9

Opt. res. -110

	N	S
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-700	

	E	W
N	7	7
S	-	-
H	8	8
D	9	9
C	7	7
	110	

 # 32
W/EW

North: ♠Q87 ♥KT8 ♦AJ9 ♣AK84
West: ♠AJ9 ♥AJ62 ♦T743 ♣QJ
East: ♠KT64 ♥9543 ♦K5 ♣T73
South: ♠532 ♥Q7 ♦Q862 ♣9652

HCP: N 17, W 13, E 6, S 4

Opt. res. -110

	N	S
N	-	-
S	-	-
H	-	-
D	7	-
C	7	7
	70	

	E	W
N	7	7
S	8	8
H	8	8
D	-	-
C	-	-
	110	

(Each of the remaining 13 boxes on the page, empty of deals, reads:)

Opt. res. -110

	N	S
N	?	?
S	?	?
H	?	?
D	?	?
C	?	?

	E	W
N	?	?
S	?	?
H	?	?
D	?	?
C	?	?

32 deals

N HPC	E HPC	S HPC	W HPC
9.88	9.88	9.91	10.34

|----Voids----| 0 1 1 2
|--Singletons-| 7 10 7 9
|-- >=7suit --| 1 1 2
|----Balanced----| 22 19 22 22

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