		number of matches								
flight	0	1	2	3	4	5	6	7	8	
1	40	32								
2	22	36	14							
3	12	30	24	6						
4	6	22	26	18						
5		28		44						
6		12	16	28	16					
7		2	20	24	20	6				
8			10	26	24	10	2			
9			4	16	32	16	4			
10				8	34	20	10			
11					24	32	16			
12					10	32	26	4		
13						30	28	14		
14						14	30	26	2	
15						6	24	30	12	

	number of boat usages							
flight	0	1	2	3	4			
1	40	10						
2	32	16	2					
3	24	22	4					
4	17	26	7					
5	10	30	10					
6	4	32	14					
7		30	20					
8		21	28	1				
9		13	34	3				
10		8	34	8				
11		3	34	13				
12		2	27	20	1			
13			23	24	3			
14			14	32	4			
15			7	36	7			

At Flight	On Boat	On Water 1	On Water 2	Boatchange
1 -> 2	VSAW	SVWU   HSC   DTYC 2	KYC   RVG   WYC	
2 -> 3	KYC   RVG	VSAW   DTYC 2   HSC	DTYC 1   WYC   MYC	
3 -> 4	WYC   MYC	VSAW   HSC   RVG	DTYC 1   SVWU	
4 -> 5	SVWU	MYC   RVG   HSC	DTYC 2   KYC   DTYC 1	
5 -> 6	VSAW   KYC	RVG   SVWU   MYC	DTYC 1   DTYC 2   WYC	
6 -> 7	WYC   HSC	SVWU   VSAW   KYC	DTYC 2   DTYC 1	
7 -> 8	RVG   DTYC 2	SVWU   WYC   HSC	MYC   DTYC 1	
8 -> 9	VSAW   DTYC 1	RVG   SVWU   DTYC 2	KYC   MYC	
9 -> 10	HSC	VSAW   DTYC 1   RVG	KYC   MYC   WYC	
10 -> 11	SVWU   KYC	RVG   HSC   DTYC 1	DTYC 2   MYC   WYC	
11 -> 12	DTYC 2	SVWU   KYC   RVG	MYC   WYC   VSAW	
12 -> 13	HSC   DTYC 1   MYC	KYC   DTYC 2	VSAW   WYC	
13 -> 14	VSAW	HSC   DTYC 2   MYC	WYC SVWU RVG	
14 -> 15	WYC   RVG	DTYC 2   MYC   VSAW	SVWU   DTYC 1   KYC	

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
ı	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
-	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
/	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
40	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
45	29	WYC	MYC	RVG	DTYC 2	VSAW
15	30	DTYC 1	HSC	KYC	empty boat	SVWU

### SVWU

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
ı	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
J	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
/	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
13	30	DTYC 1	HSC	KYC	empty boat	SVWU

HSC

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
'	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
/	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
4.4	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
10	30	DTYC 1	HSC	KYC	empty boat	SVWU

### RVG

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
•	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
o	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
7	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
Ŋ	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
44	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
10	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
15	30	DTYC 1	HSC	KYC	empty boat	SVWU

### MYC

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
•	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
-	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
ຶ່ນ	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
44	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
10	30	DTYC 1	HSC	KYC	empty boat	SVWU

### WYC

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
•	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
o	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
7	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
- 11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
10	30	DTYC 1	HSC	KYC	empty boat	SVWU

### DTYC 1

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
ı	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
/	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
44	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
40	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
15	30	DTYC 1	HSC	KYC	empty boat	SVWU

### DTYC 2

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
' '	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
О	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
/	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
42	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
10	30	DTYC 1	HSC	KYC	empty boat	SVWU

### VSAW

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
ı	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
2	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
3	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
4	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
5	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
0	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
1	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
0	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
10	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
11	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
13	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
14	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
10	30	DTYC 1	HSC	KYC	empty boat	SVWU

### KYC

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
	30	DTYC 1	HSC	KYC	empty boat	SVWU

Flight	Race	Boat 7	Boat 8	Boat 9	Boat 10	Boat 11
1	1	MYC	SVWU	HSC	DTYC 1	DTYC 2
	2	empty boat	VSAW	KYC	RVG	WYC
2	3	empty boat	VSAW	SVWU	DTYC 2	HSC
	4	DTYC 1	WYC	MYC	KYC	RVG
3	5	VSAW	HSC	DTYC 2	KYC	RVG
	6	WYC	MYC	DTYC 1	empty boat	SVWU
4	7	WYC	MYC	RVG	VSAW	HSC
	8	DTYC 2	KYC	empty boat	SVWU	DTYC 1
5	9	HSC	RVG	empty boat	SVWU	MYC
	10	DTYC 1	DTYC 2	VSAW	WYC	KYC
6	11	SVWU	RVG	VSAW	MYC	KYC
	12	DTYC 2	DTYC 1	WYC	HSC	empty boat
7	13	KYC	SVWU	WYC	HSC	VSAW
	14	RVG	empty boat	MYC	DTYC 1	DTYC 2
8	15	RVG	HSC	SVWU	WYC	DTYC 2
	16	VSAW	DTYC 1	KYC	empty boat	MYC
9	17	VSAW	DTYC 1	RVG	DTYC 2	SVWU
9	18	KYC	empty boat	HSC	MYC	WYC
10	19	RVG	empty boat	HSC	VSAW	DTYC 1
	20	SVWU	KYC	DTYC 2	MYC	WYC
11	21	SVWU	KYC	DTYC 1	RVG	HSC
	22	MYC	WYC	DTYC 2	VSAW	empty boat
12	23	KYC	RVG	DTYC 2	SVWU	empty boat
12	24	HSC	VSAW	DTYC 1	WYC	MYC
13	25	HSC	DTYC 2	DTYC 1	KYC	MYC
	26	empty boat	WYC	SVWU	RVG	VSAW
14	27	empty boat	DTYC 2	MYC	HSC	VSAW
	28	WYC	SVWU	RVG	DTYC 1	KYC
15	29	WYC	MYC	RVG	DTYC 2	VSAW
	30	DTYC 1	HSC	KYC	empty boat	SVWU