

The 18xx games are on page 2 onwards in the order of starting. Outpost M16 is on p10, St. Petersburg M5 is on p11 and The Games That You Play is on p12.

New Games: None this time. An 1830 will start next time with the 4 waiting and possibly one more.

Last time the challenge was ...

Using all of and only the numbers 3, 3, 8, 8 and the addition, subtraction, multiplication, division operations we can get to 9 and 10 as follows ...

- > $9 = (3 \times 3) + (8 - 8)$
- > $10 = (3 \times 3) + 8/8$

Can you find a way of getting 24?

Can you get all of the numbers from 1 to 30 using all of and only the numbers 3, 3, 8, 8?

If you use only the addition, subtraction, multiplication and division operations then score 3 points for the target number. If you also use $\sqrt[3]{8}$ (cube root of 8 - counting as using one 3 and one 8) and/or 3^3 (cube of 3 - counting as using 3 twice) then score 2 points for the target. If you also use $3!$ (factorial 3 - counting as using 3 once) then score 1 point for the number. The answers I give next time score 79 points.

Ian joined me in failing to find the answer to the first question without seeking help. Steve wrote a program that also failed that challenge. However ... fanfare ... Mick did manage it and found $8 / ((3 - (8/3))) = 24$. As of now he is still working on two numbers in the range 1 - 30. Using the scoring system above Steve's program achieved 76 points (although I can understand that the approach is brute force I am not at all confident that I could muster the skill needed to apply it). Ian did achieve the 79 point score target as follows ...

$1 = (3 / 3) \times (8 / 8)$	[3]	$2 = (3 / 3) + (8 / 8)$	[3]
$3 = 8 - 3 - (3 \text{ root } 8)$	[2]	$4 = (3 \text{ root } 8) \times (3 \text{ root } 8)$	[2]
$5 = (3 + 3) - (8 / 8)$	[3]	$6 = 3 + 3 + 8 - 8$	[3]
$7 = (3 + 3) + (8 / 8)$	[3]	$8 = (3 \times 3) - (8 / 8)$	[3]
$9 = (3 \times 3) + 8 - 8$	[3]	$10 = (3 \times 3) + (8 / 8)$	[3]
$11 = (3 \text{ power } 3) - 8 - 8$	[2]	$12 = (3 + (8 / 8)) \times 3$	[3]
$13 = (3 \times 8) - 8 - 3$	[3]	$14 = (3 \times (3 \text{ root } 8)) + 8$	[2]
$15 = 8 + 8 - (3 / 3)$	[3]	$16 = 8 + 8 + 3 - 3$	[3]
$17 = 8 + 8 + (3 / 3)$	[3]	$18 = (8 - (3 \text{ root } 8)) \times 3$	[2]
$19 = (3 \times 8) + 3 - 8$	[3]	$20 = ((3 \text{ root } 8) \times 3 \text{ factorial}) + 8$	[1]
$21 = (3 - (3 / 8)) \times 8$	[3]	$22 = 8 + 8 + 3 + 3$	[3]
$23 = ((8 - 3) \times 3) + 8$	[3]	$24 = 8 / (3 - (8 / 3))$	[3]
$25 = 8 + 8 + (3 \times 3)$	[3]	$26 = (3 \text{ power } 3) - (8 / 8)$	[2]
$27 = (3 \text{ power } 3) + 8 - 8$	[2]	$28 = (3 \text{ power } 3) + (8 / 8)$	[2]
$29 = (3 \times 8) + 8 - 3$	[3]	$30 = (8 + (3 \text{ root } 8)) \times 3$	[2]

A typically comprehensive and impressive response from Ian. Mick & Steve also earned my respect for their achievements above and beyond my ability.

Breaking News: I never did mention the 2018 UK Zine Poll - but even so some you voted for Minstrel as it placed 8th (out of 17) just behind Steve's ...mais n'est-ce pas la gare? Thank you for your support.

WAITING	1829	Mike R [S], John S [S], David H
	1830	Mike R, Tony S, John S, David H
	1835	Mike B
	1856	David H
	1861	John S, Stephen W
	1870	
	18EU	Stephen W, John S, David H
	RAILWAY RIVALS	John W, Tony S, Mike R, Brad M, David H
	OUTPOST	Ian P, David H
DEADLINE : FRIDAY 7TH DECEMBER 2018		HOST : ROB THOMASSON

Mike B closes the gap on leader Tony O ... but the Midland dividends might well increase increase in OR20 ...

Operating Round 18

	Dir	Lay	[Rep]	Token	Run	Pay	Quote	Credit	Trains	Notes
LNWR	JS	30:D10:1	[8]	G10 - D11	210	Y	200	20	5	
GWR	MB	23:H9:6	[8]	F4 - F7 !	230	Y	225	10	4	
Mid	MR	12:J6:4	[3]	G10 - G11	480	Y	126	720	5 (5)	
LSWR	MB	44:H8:3	[27]	G8 - G11 !	540	Y	126	50	7 4	D
GNR	TO	60:E9:1	[40]	F7 - J9	520	Y	76	10	7 (4)	
LBSC	DH	38:L7:4	[12]	F8 - G8 !	510	Y	64	0	5 4	D
GER	TO	38:J6:1	[12]	G8 - G10 !	310	Y	112	0	5 +4	B D
GCR	DH	49:L4:2	[33]	G10 - G6	350	Y	71	0	7	
L&YR	MR			L5 - H3	220	N	20	340	4	A
SECR	JS	60:K5:1	[43]	C12 - D12			53	0	+5	C

Operating Round 19

	Dir	Lay	[Rep]	Token	Run	Pay	Quote	Credit	Trains	Notes
LNWR	JS	4:D11:1		D11 - I9	260	Y	225	20	5	
GWR	MB	8:F7:3		F7 - F8	230	Y	250	10	4	
Mid	MR	14:D11:1	[4]	G11 - G10 !	270	Y	142	0	5 +7	E D
LSWR	MB	8:G11:1		G11 - H10	540	Y	142	50	7 4	D
GNR	TO	28:J4:4	[7]	J9 - H10 !	360	Y	82	10	7	
LBSC	DH	50:L5:3	[34]	G8 - G9	510	Y	67	0	5 4	D
GER	TO	42:D7:2	[26]	G10 - G8	490	Y	126	0	5 4	D
GCR	DH			G6 - F5	370	Y	76	0	7	
L&YR	MR			H3 - H10 !	220	Y	29	380	4	A
SECR	JS	5:D12:6		D12 - F11	160	Y	56	0	5	

Notes	A	B	C	D	E
	£40 from the Preston Packet	£10 to the GNR for a 4 Train	£560 to the Mid for a 5 Train	At Train Limit	£720 to the Bank for a 7 Train

Tiles	1/2	2/2	3/2	4/6	5/3	6/4	7/4	8/5	9/10	10/2	12/3	13/3
	14/1	15/2	16/0	17/1	18/1	19/1	20/2	21/1	22/1	23/1	24/3	25/2
	26/2	27/2	28/0	29/1	30/0	31/0	32/1	33/1	34/1	35/0	36/1	37/0
	38/0	39/0	40/1	41/2	42/0	43/1	44/0	45/0	46/1	47/0	48/0	49/0
	50/0	51/0	60/0	67/0								

Trains [None Available]

Cash Flow	Start	OR18	OR19	End	Value	%	Certs	Max 17
Tony Osborne	1,812	715	731	3,258	5,777	24.5	17 - 17	
David Hooton	641	732	738	2,111	4,383	18.6	17 - 17	
John Shelley	484	373	532	1,389	3,885	16.4	16 - 19	
Mike Ruffhead	402	659	630	1,691	3,910	16.6	14 - 18	
Mike Bennett	568	761	805	2,134	5,674	24.0	16 - 18	

Portfolios	Privates	LNWR	GWR	Mid	LSWR	GNR	LBSC	GER	GCR	L&YR	SECR
Tony Osborne	-	3	-	3	-	5D	-	8D	-	-	-
David Hooton	Hull	2	2	-	-	1	7D	-	6D	-	-
John Shelley	-	5D	2	-	-	3	-	1	1	3	6D
Mike Ruffhead *	Preston	-	-	7D	1	1	1	1	3	5D	-
Mike Bennett	Holyhead	-	6D	-	9D	-	2	-	-	2	-
Bank New	Harwich	-	-	-	-	-	-	-	-	-	4
Bank Pool	-	-	-	-	-	-	-	-	-	-	-
Tokens Left		3	4	4	3	3	2	1	2	1	2

Just OR13 this time as requested. We will stop after OR14 next time if a diesel is bought during OR14.

Operating Round 13

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
C&O	MR	24:D16:3	[9]		280	Y	185C	0	5	
B&O	JW						120D	0	+6	A B
CPR	MR	8:E15:6			230	Y	140C	90	5	
NYNH	JS	42:D12:3	[24]		220	Y	130D	223	4	
PRR	DR	7:D8:2		D10	300	Y	110D	425	4	C
Erie	DR	7:C9:4			260	Y	82D	0	5 4	D F
NYC	TS	45:G5:4	[25]		430	Y	70G	314	6	
B&M	TS	25:D20:3	[8]				58F	1	4	E

Notes
 A \$198 from John Webley for a train purchased
 B \$630 to the Bank for a 6 Train
 C \$100 to the Bank for a garrison
 D \$160 to the PRR for a 4 Train
 E \$50 to the NYC for a 4 Train
 F At Train Limit

Tiles	1/0	2/0	3/2	4/2	7/2	8/5	9/3	14/1	15/2	16/1	18/0	19/1
	20/1	23/2	24/2	25/0	26/1	27/1	28/1	29/1	39/1	40/0	41/2	42/0
	43/1	44/1	45/1	46/0	47/1	53/2	54/1	55/1	56/0	57/3	58/1	59/2
	61/0	62/0	63/0	64/1	65/0	66/0	67/1	68/0	69/1	70/1		

Trains D/6(\$1,100)

Cash Flow	Start	OR13	End	Value	%	Certs	Max 13
Tony Sait	668	357	1,025	2,279	15.0	9 - 12	
John Shelley	1,376	320	1,696	3,428	22.5	12 - 12	
John Webley	940	-12	928	2,573	16.9	12 - 13	
David Roffey	1,219	395	1,614	3,126	20.5	13 - 13	
Mike Ruffhead	1,314	376	1,690	3,827	25.1	13 - 13	

Portfolios	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M
Tony Sait	2	5P	-	-	2	1	-	4P
John Shelley	2	-	2	-	2	1	6P	-
John Webley *	-	1	1	6P	1	1	3	1
David Roffey	5P	1	2	1	-	6P	-	-
Mike Ruffhead	1	1	5P	1	5P	1	1	-
Bank New	-	2	-	-	-	-	-	4
Par	71	67	76	100	71	76	82	76
Bank Pool	-	-	-	2	-	-	-	1
Quote	110D	70G	140C	120D	185C	82D	130D	58F
Credit	\$425	\$314	\$90	\$0	\$0	\$0	\$223	\$1
Tokens Left	1	2	2	-	1	-	-	1

The OR14 operating order is - C&O, CPR, NYNH, B&O, PRR, Erie, NYC, B&M.

The GSWR is resuscitated by groupthink as the Highland heads towards obscurity ...

Operating Round 14

	Dir	Lay	[Rep]	Token	Run	Pay	Quote	Credit	Trains	Notes
LNWR	JS	47:P10:2	[20]	Q19 - Q7	160	N	200	150	4 +3T	A
NER	AM	36:P16:2	[10]	M15 - Q19	110	N	180	120	4	
Mid	MR	3:Q13:4		Q13 - P14	390	Y	160	140	4 3T 3	C
NBR	MB	8:D8:5		D8 - D6	200	Y	112	0	4 3	
Cal	MB	23:G11:6	[9]	C9 - H14	250	Y	67	50	5 3	
L&YR	JS	45:P12:2	[23]	O11 - S15	300	Y	82	0	5 3	
GNR	AM	9:R18:2		R18 - S17	90	N	61	210	3	
GCR	DH	12:O15:1	[5]	N16 - M17	70	Y	64	60	5	
GSWR	BP	9:J4:6		J4 - J6	80	N	29	200		B
High	JS	24:S11:1	[8]	M9 - E1			21	10		

Notes A £370 to the Bank for a 3T Train C At Train Limit
B Run by the receiver - train rented

Tiles	1/2	2/0	3/1	4/6	5/3	6/4	7/4	8/7	9/4	10/3	12/1	13/3
	14/0	15/0	16/1	17/1	18/1	19/2	20/2	21/1	22/0	23/2	24/2	25/2
	26/2	27/2	28/0	29/1	30/1	31/1	33/0	34/0	35/1	36/0	37/1	38/0
	39/1	40/1	41/2	42/2	43/0	44/1	45/0	46/1	47/0			

Trains 3T/1(£370) 6/2(£650) then 2+2/2(£600)4+4E/2(£830) 7/4(£720)

Share Dealing Round 11

* share from the pool

John Shelley	Andy Muir	Mike Bennett	David Hooton	Mike Ruffhead
-High/3,+LNWR*	+LNWR*	+LNWR*	+NER*	+GNR*
+NER*	+GNR*	+NER*	+GSWR*	+GSWR*
+GSWR*	+GNR*	+GCR*	+GSWR*	+GSWR*
+GSWR*	~	+GCR*	+GSWR*	+GSWR*
+GSWR*	~	+GCR*	+GCR*	+GNR*
~	~	+GNR*	~	+Hull(315)
~	~	~	~	+Barrow(435)

Cash Flow	Start	OR14	SDR11	End	Value	%	Certs	Max 18
John Shelley	251	180	-404	27	1,986	17.8	11 - 14	
Andy Muir	282	64	-322	24	1,853	16.6	14 - 14	
Mike Bennett	620	315	-633	302	2,188	19.6	18 - 18	
David Hooton	370	268	-331	307	2,428	21.7	17 - 20	
Mike Ruffhead	641	375	-959	57	2,722	24.4	16 - 18	

Portfolios	Privates	LNWR	NER	Mid	NBR	Cal	L&YR	GNR	GCR	GSWR	High	Fur
John Shelley *	-	6D	1	-	-	-	6D	-	-	3	-	-
Andy Muir	A&F	1	5D	1	1	-	-	7D	-	-	-	-
Mike Bennett	-	1	1	-	7D	7D	-	1	3	-	-	-
David Hooton	S&D	2	2	2	1	-	4	-	6D	3	-	-
Mike R	Hull, Barrow	-	1	7D	1	3	-	2	1	4D	-	-
Bank New	Holyhead	-	-	-	-	-	-	-	-	-	4	10D
Bank Pool	C&HP	-	-	-	-	-	-	-	-	-	6R	-
Tokens Left		3	2	3	1	3	2	3	3	2	2	2

1829E41 : NORTH GAME, MSK1, MSK2, PC RULE, FURNESS : PHASE 3 : BANK - £19,283

NEXT TIME - OR15 & OR16

Tim protects his HeE directorship and floats the MsE ...

Operating Round 9

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
PrE	GL	216:13:2	[207]		300	Y	170C	488	4 3+3 +5	A B
ByE	TS				210	Y	126E	472	3+3 3	B
SxE	TB	220:E19:1	[209]		250	Y	106F	361	4 3	B
HeE	TP	29:15:4	[7]		300	Y	96E	151	4 3+3	B
WtE	TP	218:L14:1			290	Y	94D	1	4+4 3	B
BaE	TB	1:H4:4			160	Y	84D	0	5	

Notes A 500M to the Bank for a 5 Train B At Train Limit

Tiles	1/0	2/1	3/1	4/1	5/2	6/3	7/7	8/6	9/7	12/0	13/2	14/1
	15/0	16/2	18/1	19/2	20/2	23/2	24/3	25/2	26/2	27/2	28/2	29/1
	39/1	40/1	41/2	42/2	43/1	44/2	45/2	46/2	47/2	55/0	56/0	57/2
	58/0	63/3	69/0	70/1	87/2	88/2	201/1	202/2	203/2	204/2	205/0	206/1
	207/1	208/1	209/1	210/0	211/1	212/1	213/0	214/0	215/1	216/3	217/2	218/1
	219/2	220/0	221/1									

Trains 3/1(180M) 5+5/1(600M) then 6/2(600M) 6+6/4(720M)

Share Round 8

* share from the pool

Tony Bromley	Tony Sait	Tim Parkes	George Lucas
+WtE/20(168)	+HeE*/10(96)	-PrE/5(85),+HeE*/10(96)	+PrE/10(231) [Tony S]
+SxE*/10(106)	+HeE*/10(96)	+HeE*/10(96)	~
+BaE/10(84)	+BaE/10(84)	+SxE*/10(106)	~
~	+BaE/10(84)	+SxE*/10(106)	~
~	+BaE/20(168)	-WtE/30(282),-SxE/20(212),+MsE/D(160)	~
~	~	+MsE/20(160) twice	~
~	~	MsE/10(80) twice	[Loco]

Cash Flow	Start	OR9	SR8	End	Value	%	Certs	Max
Tim Parkes	136	337	-465	8	1,608	22.8	13	16
George Lucas	133	237	-231	139	1,518	21.5	10	15
Tony Bromley	152	262	-358	56	1,741	24.7	14	15
Tony Sait	227	291	-297	221	2,186	31.0	14	15

Portfolios	PrE	ByE	SxE	BaE	WtE	HeE	MsE	OIE
Tim Parkes	-	-	-	-	50/4D	50/4D	80/5D	-
George Lucas *	65/7D	20/2	-	-	-	10/1	-	-
Tony Bromley	5/1	20/2	60/5D	60/5D	20/1	-	-	-
Tony Sait	25/3	60/5D	-	40/3	-	40/3	-	-
Bank New	-	-	-	-	-	-	20/2	100/7D
Bank Pool	5/1	-	40/4	-	30/3	-	-	-
Quote	154D	138D	106F	86C	90E	102D	80E	
Credit	488M	472M	361M	420M	169M	151M	640M	
Tokens Left	2	2	1	1	-	-	1	1

The OR10 operating order is - PrE, ByE, SxE, HeE, WtE, BaE, MsE.

Two 5 trains bought, but not by the TGB ...

Operating Round 7

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Loan	Trains	Notes
LPS	GL	7:B15:2			310	Y	110E	755	600	4 (3 3)	
GW	TS	8:H13:4			290	Y	110E	20	500	4 3 [+3]	E F I N
CV	JW	9:M12:5					90A	50	0	+5	G H J
BBG	IP	6:J15:1					90A	49	0	+5 +3	G K N
TGB	JS	5:K8:1					80B	540	100		E
CPR	GL	125:N3:3	[14]		120	N	75F	0	700	3 +3	C E L N
CA	IP	126:F15:1	[121]		180	Y	90F	298	600	4	A D
GT	JW				150	Y	75F	32	400	4	B M

Notes

A	\$5 from the FT Private	H	5 Train purchase starts Phase 4
B	\$10 from the TCC Private	I	Forced to return a 3 Train to the Bank
C	\$20 from the NFSBC Private	J	5 Train purchase closes the Privates
D	\$20 from the SCFTC Private	K	\$1 to the CA for a 3 Train
E	Government Loan secured	L	\$670 to the LPS for a 3 Train
F	\$45 to the LPS for a 3 Train	M	Dividend down \$10 to pay loan interest
G	\$550 to the Bank for a 5 Train	N	At Train Limit

Tiles

1/1	2/1	3/3	4/3	5/1	6/1	7/6	8/9	9/7	14/1	15/2	16/1
17/1	18/1	19/1	20/1	23/3	24/4	25/1	26/1	27/1	28/1	29/1	39/1
40/1	41/3	42/3	43/2	44/1	45/2	46/2	47/2	55/1	56/1	57/3	58/1
59/1	63/4	64/1	65/1	66/1	67/1	68/1	69/1	70/1	120/0	121/1	122/1
125/3	126/0	127/1									

Trains 3/1(\$225) 5/1(\$550) then 6/2(\$700) D/9(\$1,100)

Cash Flow

	Start	OR7	End	Value	%	Certs Max 13
Ian Pendlebury	187	108	295	1,375	21.7	10 - 10
Graham Lee	40	302	342	1,742	27.5	12 - 12
Tony Sait	11	312	323	1,573	24.8	11 - 11
John Webley	50	56	106	946	14.9	8 - 8
John Shelley	8	0	8	708	11.2	8 - 8

Portfolios

	BBG	CA	CPR	CV	GT	GW	LPS	TGB	THB	WR	WGB
Ian Pendlebury	6P	6P	-	-	-	-	-	-	-	-	-
Graham Lee	-	-	4P	-	-	4	6P	-	-	-	-
Tony Sait	-	-	1	-	1	6P	4	-	-	-	-
John Webley *	-	-	-	6P	4P	-	-	-	-	-	-
John Shelley	-	-	4	-	-	-	-	5P	-	-	-
Bank New	4	-	-	4	3	-	-	5	10P	10P	10P
Par	100	65	65	100	65	65	65	90			
Bank Pool	-	4	1	-	2	-	-	-	-	-	-
Quote	90A	90F	75F	90A	75F	110E	110E	80B			
Credit	\$49	\$298	\$0	\$50	\$32	\$20	\$755	\$540			
Loans	0	600	700	0	400	500	600	100			
Tokens Left	2	2	3	2	3	2	-	1	1	2	1

Rights Held by ShareCos : CA - Tunnel | CPR - Bridge | GW - Port Token at F17.

The OR8 operating order is - LPS, GW, CA, CV, BBG, TGB, CPR, GT.

Two new directorships gained and one is for a floated company ...

Operating Round 5

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B-M	JW	6:F10:2			50	H		1	2 +2	A D
B-P	TP	208:H20:2	[202]		140	H		135	2 2	D
Mag	GL	15:F14:3	[6]		120	H		60	2+2 2	D
K-M	JW	8:E11:1			40	H		29	2 +3	B D
B-S	JS	8:C17:6			140	H		115	2 (2)	
A-K	JS	58:B14:4			90	H		0	2+2 +2	C D
ByE	JS	207:O15:5	[202]		180	Y	122C	242	3 2+2 2 +3	B D
SxE	GL	15:H16:2	[5]		200	Y	94D	128	3 2+2	

Notes A 89M to the K-M for a 2 Train C 45M to the B-S for a 2 Train
 B 180M to the Bank for a 3 Train D At Train Limit

Tiles

1/1	2/1	3/1	4/2	5/3	6/2	7/7	8/7	9/8	12/0	13/2	14/1
15/0	16/2	18/1	19/2	20/2	23/2	24/3	25/3	26/2	27/2	28/2	29/2
55/1	56/1	57/2	58/0	69/0	87/2	88/2	201/2	202/2	203/2	204/2	205/1
206/1	207/0	208/1	209/0	210/1	211/1	212/1	213/1	214/1	215/1		

Trains 3+3/3(270M) then 4/3(360M) 4+4/1(440M) 5/2(500M) 5+5/1(600M) 6/2(600M)
 6+6/4(720M)

Share Round 5

* share from the pool

John Webley	Tim Parkes	George Lucas	John Shelley
+SxE/10(88)	+SxE/10(88), -ByE/10(122), -SxE/10(94)	+SxE/10(88)	+ByE*/10(112)
+SxE/10(88)	+HeE/D(168)	+SxE*/10(90)	+WtE/D(168)
~	+HeE/10(84)	+SxE/10(135) [John W]	~
~	+HeE/10(84), +HeE/10(84)	~	~
+HeE/10(84)	[Loco]		

Cash Flow	Start	OR5	SR5	End	Value	%	Certs	Max
Tim Parkes	153	163	-292	24	998	22.7	8	15
George Lucas	158	165	-313	10	942	21.4	9	16
John Shelley	133	230	-280	83	1,413	32.2	10	15
John Webley	144	117	-125	136	1,042	23.7	8	15

Portfolios	Privates/Minors	PrE	ByE	SxE	BaE	WtE	HeE	MsE	OIE
Tim Parkes *	Bra, Han, B-P	-	-	10/1	-	-	50/4D	-	-
George Lucas	N-F, Mag	-	-	80/7D	-	-	-	-	-
John Shelley	Ost, Pfa, B-S, A-K	-	60/5D	-	-	20/1D	-	-	-
John Webley	B-M, K-M	-	40/4	10/1	-	-	10/1	-	-
Bank New	-	40/4D	-	-	100/8D	80/7	40/3	100/7D	100/7D
Bank Pool	-	-	-	-	-	-	-	-	-
Quote			122C	94D			84D		
Credit			242M	480M			504M		
Tokens Left		1	2	1	1	1	1	1	1

The OR6 operating order is - B-M, B-P, Mag, K-M, B-S, A-K, ByE, SxE, HeE.

OR1	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Loan	Trains	Notes
CPR	TP	58:M6:3					80B	80	0	+2	A
GW	IP	5:F17:1					60F	250	100	+2	B A
LPS	GL	57:C14:6					60F	185	100	+2	B A
GT	AM	57:P9:2					60F	20	100	+2 +2	B A A
WR	GL	57:O16:3					60F	185	100	+2	B A

Notes A \$100 to the Bank for a 2 Train B Government Loan secured

Stock Round 2 Graham + LPS(65) Andy +LPS(65) then -LPS(60),+GW(65) then -GW(60),+GT(65)

OR2	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Loan	Trains	Notes
CPR	TP	57:N3:2			50	Y	90B	130	100	2	A B
GT	AM	9:O10:2			90	Y	65F	165	200	2 2	A
WR	GL	8:N15:5			50	Y	65F	225	200	2	A B
LPS	GL	8:D15:6			50	Y	60G	75	200	2 +3	A C D E
GW	IP	8:E16:5			50	Y	60G	95	200	2 +3	A C F

Notes A Government Loan secured D 3 Train purchase starts Phase 2
 B \$40 to Bank for a mountain or lake E \$100 to Graham L for the TCC
 C \$225 to the Bank for a 3 Train F \$80 to Ian P for the WSR

Tiles	1/1	2/1	3/3	4/3	5/1	6/2	7/7	8/10	9/12	14/4	15/4	16/1
	17/1	18/1	19/1	20/1	23/4	24/4	25/1	26/1	27/1	28/1	29/1	55/1
	56/1	57/0	58/2	59/2	69/1	120/1	121/2					

Trains 3/3(\$225) then 4/4(\$350) 5/3(\$550) 6/2(\$700) D/9(\$1,100)

Stock Round 3

* share from the pool

George Lucas	Tim Parkes	Ian Pendlebury	Graham Lee	Andy Muir
~	~	+GW(65)	+LPS(65)	+GT(65)
~	~	~	+LPS(65)	[Priority]

Cash Flow	Start	OR1	SR2	OR2	SR3	End	Value	%	Certs	Max 13
Tim Parkes	0	25	0	35	0	60	360	20.3	3 - 3	
Ian Pendlebury	0	10	0	110	-65	55	355	20.0	4 - 4	
Graham Lee	55	10	-65	130	-130	0	360	20.3	5 - 5	
Andy Muir	100	15	-75	42	-65	17	347	19.5	4 - 4	
George Lucas	5	20	0	35	0	60	355	20.0	3 - 3	

Portfolios	Privates	BBG	CA	CPR	CV	GT	GW	LPS	TGB	THB	WR	WGB
Tim Parkes	FT, SCFTC	-	-	2P	-	-	-	-	-	-	-	-
Ian Pendlebury	-	-	-	-	-	-	5P	-	-	-	-	-
Graham Lee	-	-	-	-	-	-	-	6P	-	-	-	-
Andy Muir *	GLSC	-	-	-	-	4P	-	-	-	-	-	-
George Lucas	NFSBC	-	-	-	-	-	-	-	-	-	3P	-
Bank New	-	10P	10P	8	10P	6	4	3	10P	10P	7	10P
Par	-	-	-	90	-	65	65	65	-	-	65	-
Bank Pool	-	-	-	-	-	-	1	1	-	-	-	-
Quote	-	-	-	90B	-	65F	60G	60G	-	-	65F	-
Credit	-	-	-	\$130	-	\$230	\$95	\$75	-	-	\$225	-
Loans	-	-	-	100	-	200	200	200	-	-	200	-
Tokens Left	-	2	2	3	2	3	3	1	1	1	2	1

Privates Owned by ShareCos : GW - WSR | LPS - TCC.

Rights Held by ShareCos : None

The OR3 operating order is - CPR, GT, WR, LPS, GW.

Three players control companies that will operate and two players have a bunch of cash.
Next time it will be one OR only by request.

Stock Round 1 (Completion)

John Webley	John Shelley	Mike Bennett	Tony Bromley
+MP/P(136)	+ATSF/P(152)	~	+SLSF(100)
+MP(68)	+ATSF(76)	~	~
+MP(68)	+ATSF(76)	~	~
+MP(68)	+ATSF(76)	~	~
+MP(68)	+ATSF(76)	~	~
+ATSF(76)	[Priority]		

Cash Flow	Start	SR1	End	Value	%	Certs	Max 16
Mike Bennett	280	0	280	520	24.1	2 - 3	
Tony Bromley	365	-100	265	585	27.1	3 - 3	
John Webley	485	-484	1	525	24.4	7 - 7	
John Shelley	475	-456	19	525	24.4	6 - 6	

Portfolios	Privates	ATSF	FW	GMO	IC	MP	MKT	SP	SSW	SLSF	TP
Mike Bennett	GSC, MKT	-	-	-	-	-	1	-	-	-	-
Tony Bromley	GRSC	-	-	-	-	-	-	-	-	3P	-
John Webley	MRBC	1	-	-	-	6P	-	-	-	-	-
John Shelley *	SCC	6P	-	-	-	-	-	-	-	-	-
Bank New	-	3	10P	10P	10P	4	9P	10P	10P	7	10P
Par	-	76	-	-	-	68	-	-	-	100	-
Bank Pool	-	-	-	-	-	-	-	-	-	-	-
Quote	-	76D	-	-	-	68F	-	-	-	100A	-
Redeemed	-	-	-	-	-	-	-	-	-	-	-
Credit	-	\$760	-	-	-	\$680	-	-	-	\$1,000	-
Tokens Left	-	2+D	1+D	1+D	1+D	2+D	2+D	2+D	1+D	2+D	1+D

Tiles	1/1	2/1	3/3	4/6	5/2	6/2	7/9	8/22	9/23	55/1	56/1	57/5
	58/4											
Trains	2/7(\$80)	then	3/6(\$180)	4/5(\$300)	5/4(\$450)	6/3(\$630)	8/3(\$800)					
	10/2(\$950)	12/6(\$1,100)										

The OR1 operating order is - SLSF, ATSF, MP.

Everything available next time apart from an Orbital Lab. Of course.

Round 9 Actions

David H Auctioned a Scientists for 40. David S joined at 68, Mike at 69, Ian at 70, Mick at 71, Dane at 72. David H & David S dropped out at 72. Dane dropped out at 80, Ian at 81, Mick at 85. Mike got it for 85 reduced to 45 after Data Library discounts (o:4 w:7,7,10 r:17)

David H Bought one Titanium Factory (w:30)

David H Bought one Population Unit (t:10)

David S Auctioned an Orbital Lab for 68.. Mick joined at 69, Dane at 74. David S dropped out at 74, Dane at 75. Mick got it for 75 (w:7,8,30,30)

Mike Passed

Tony Auctioned a Robots for 50 and got it for 50 (w:4,5,30 t:11) plus a free Robot

Ian Bought two Water Factories (o:2,4,4 w:30)

John Bought one Titanium Factory (w:30)

John Bought one Population Unit (t:12)

Mick Bought one Population Unit (o:2 w:8)

Dane Auctioned a Laboratory for 84 and got it for 84 reduced to 74 after Data Library discounts (w:5,6,7,7,9,10,30) plus a free Research Factory

John Discarded o:1

Pos	Player	Factories	Operators (Limits)	Production	Total
1	Dane	2o,7w,1r	7 (8) 0 (0)	2w,1W,1r	(57,10)
2	David H	2o,4w,2t	6 (10) 0 (0)	1W,2t	(50,20)
3	Tony	2o,4w,1t	7 (8) 1 (7)	4o,1W,1t	(52,10)
4	Mick	2o,6w	8 (8) 0 (0)	3o,3w,1W,1m	(77,15)
5	Mike	2o,3w	5 (5) 0 (0)	3o,4w,2r	(63,10)
6	John	2o,4w,2t	7 (8) 0 (0)	4o,1W,2t	(62,10)
7	David S	2o,4w,1t	5 (5) 0 (0)	1o,1w,2W,2t,2m	(124,15)
8	Ian	2o,8w	8 (8) 0 (0)	2o,4w,2W	(94,15)

Pos	Player	Colony Cards	VPs	Purchases
1	Dane	DL, Nod, Lab	16	(120)
2	David H	WH, HE, OP	15	(155)
3	Tony	HE, Nod, Rob	14	(105)
4	Mick	WH, Nod, OL	14	(100)
5	Mike	DL, DL, DL, DL, Sci, Sci	13	(140)
6	John	HE, Nod	12	(55)
7	David S	WH, HE, OL	11	(105)
8	Ian	WH, Nod	11	(50)

On Offer	Item	Count	Notes	Item	Count	Notes
	Warehouse	1	(none left)	Robots	1	(3 more)
	Heavy Equipment	1	(none left)	Laboratory	1	(3 more)
	Scientists	2	(1 more)	Ecoplants	1	(4 more)
	Orbital Lab	0	(3 more)	Outpost	1	(3 more)

Sold Out - Data Library, Nodule

Authors are so yesterday ...

Trading Cards Actions

John Webley	Tony Sait	Brad Martin	Mike Ruffhead
Upgrade Author to Pope [2]	Upgrade Author to Chamber Maid [3]	Upgrade Lumberjack to Carpenter's Workshop from Hand [1]	Upgrade Author to Czar [20]
Upgrade Fur Trapper to Fur Shop from Hand [4]			

The Cards for Next Time

Top Row | Bottom Row



Cards Bought

* indicates a Trading (Upgrade) Card

Tony S	Lumberjack [3-3-0], Gold Miner [4-3-0], Shepherd [5-3-0], Ship Builder [7-3-0] by 3, Gold Smelter* [6-3&-1/A-0], Customs House [8-0-2], Harbor* [16-5-2], Hermitage* [18-3-4], Pub [1-2-for-1], Administrator [7-2-0], Warehouse Manager [10-3-0], Judge [16-5-2], Mistress Of Ceremonies [18-6-3], Chamber Maid* [8-0-2]
Brad M	Gold Miner [4-3-0], Shepherd [5-3-0] by 2, Carpenter Workshop* [4-3&-1/B-0], Market [5-0-1] by 4, Theater [20-0-6], Observatory [6-0-1?], Administrator [7-2-0] by 2
Mike R	Lumberjack [3-3-0] by 2, Gold Miner [4-3-0], Shepherd [5-3-0], Ship Builder [7-3-0], Fur Shop* [10-3-2] by 2, Observatory [6-0-1?], Bank [13-5-1]*, Catherine The Great Palace* [17-1-5], Pub [1-2-for-1], Author [4-1-0], Administrator [7-2-0], Warehouse Manager [10-3-0], Controller [14-4-1], Tax Man* [17-1/W-0], Czar* [24-0-6]
John W	Lumberjack [3-3-0] by 2, Gold Miner [4-3-0], Ship Builder [7-3-0], Fur Shop* [10-3-2], Wharf* [12-6-1], Firehouse [11-0-3] by 3, Administrator [7-2-0], Secretary [12-4-0], Mistress Of Ceremonies [18-6-3], Pope* [6-1-1]

Cards In Hand

* indicates a Trading (Upgrade) Card

Tony S	Minister Of Foreign Affairs* [20-2-4]
Brad M	
Mike R	Secretary [12-4-0] by 2, Judge [16-5-2]
John W	Secretary [12-4-0], Senator* [12-2-2]

Summary

Player	Hand Cap	Rubles	VPs	Income per Phase - Rubles + VPs			Round 6 Start [Cards Left]
				Workers	Buildings	Aristocrats	
Tony S	3	17	30	21r + 0v	8r + 8v	16r + 7v	Trading [11]
Brad M	3	5	31	12r + 0v	0r + 14+1?v	4r + 0v	Aristocrats [6]
Mike R	3	4	25	21r + 4v	6r + 6+1?v	17r + 7v	Buildings [2]
John W	3	7	37	21r + 3v	0r + 9v	13r + 4v	Workers [7]

THE GAMES THAT YOU PLAY

Andy Muir	1829E41, 1856W41
Brad Martin	St. Petersburg M5
Dane Maslen	Outpost M16
David Hooton	1829W40, 1829E41, Outpost M16
David Roffey	1830C41
David Smith	Outpost M16
George Lucas	1835J41, 1835S41, 1856W41
Graham Lee	1856M41, 1856W41
Ian Pendlebury	1856M41, 1856W41, Outpost M16
John Shelley	1829W40, 1830C41, 1829E41, 1856M41, 1835S41
John Webley	1830C41, 1856M41, 1835S41, Outpost M16, St. Petersburg M5
Mick Haytack	Outpost M16
Mike Bennett	1829W40, 1829E41
Mike Ruffhead	1829W40, 1830C41, 1829E41, Outpost M16, St. Petersburg M5
Stephen Webb	
Tim Parkes	1835J41, 1835S41, 1856W41
Tony Bromley	1835J41
Tony Osborne	1829W40
Tony Sait	1830C41, 1835J41, 1856M41, Outpost M16, St. Petersburg M5
