

The 18xx games are in order of starting from p2 onwards. Railway Rivals RR2563ZM is on p7 & p8. Outpost M21 is on p9. The Games That You Play is on p10.

New Games: We have at least one person waiting for each available title. But there is not one ready to start.

Casual space-filling research found [18xx: A History](#) - created and/or last updated in 2022. There are diagrams, maps, graphs and the possibility of mild interest. Some of it is information for information's sake but it told me that David G D Hecht has created nearly twice as many 18xx titles as any other designer. That is no doubt not a revelation for many of you.

In that spirit of throwing stuff on to the page just in case someone finds it interesting, there is also this - [graph theory - ILP formulation for finding best route in 18xx-style board game \(Maximum value disjoint paths of given length\) - Mathematics Stack Exchange](#). I wonder if there was a point in my life when I could have understood that page.

Meanwhile, I have sometimes dallied briefly with what it would take to create a "best route finding" routine. The 18xx.games site does have an Auto Routing function with the general caveat that it "may not find the optimal set of routes for every situation" and "might timeout if processing is taking too long". I assume that caveat is there to play safe and that for games not mentioned in the specific caveat section the routes found will indeed be the best.

I imagine that a fundamental component in any solution is coming up with an elegant (for want of a better term) structure for the definition of the game state. Probably the method used in the graph theory approach linked above is so elegant that it becomes invisible to my naked eye.

1846F46

COMMENTS

Mike B 1st

Thanks to all for an interesting game and thanks to Rob for his efforts. I owe my victory to withholding to buy a second Phase IV train in the PRR. (As is often the case, withholding to buy a second permanent train in a game where multiple stock jumps are available paid off.) That and the fact that I owned 30% of both the GT and IC greatly helped.

Mike R 3rd

I'm still getting to grips with 1846, and it showed - though I have to say I was hoping for better than third! Memo to self: getting a second company isn't necessarily worth the effort. Hindsight says I'd have been better buying up shares in the other companies, but I thought it was a decent move at the time. I'm guessing the 2s hanging around for so long is unusual (?) - anyway it completely screwed John W, which probably wasn't very amusing for him. Congrats to Mike B and John S.

John W 4th

I really haven't got to grips with this at all, my congratulations to those who have and made a game of it.

1846F46

WON BY MIKE B

WAITING	1829 SOUTH NORTH	David H, John S David H
	1830	Tony S, John S
	1830 READING	John S
	1835	Graham L, John W
	1846	John S
	1856	Tony S, John S
	1861	John S
	1870	Mike B, John S
	18EU	John S, David H
	RAILWAY RIVALS	John W
	ST. PETERSBURG	Brad M, John W
DEADLINE: FRIDAY 27TH FEBRUARY 2026		HOST : ROB THOMASSON

Three presidents provide funds for a train purchase.

Operating Round 10

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
PRR	MB	43:I13:1	[29]		170	N	125C	1	(3↓) [+4] +D	A B C D
NYNH	MB	15:F22:6	[57]		180	Y	142A	89	5	
C&O	TS	42:G5:5	[26]		140	N	110D	1	(3↓) +6	A F
B&O	JS	43:I17:6	[24]		350	Y	130D	0	(4↓ 3↓) +6	E A A G H
RDR	DH				230	N	100D	0	(4↓) +D	E A I J
B&M	JS	61:E23:2	[53]		280	Y	100B	149	5 (4↓)	E A
Erie	MB	66:E11:1	[59]		70	Y	100B	81	5	
NYC	DH	9:F14:3			230	Y	100B	69	6	
CPR	TS	14:B16:2	[57]		130	N	76C	0	(3↓) +D	E A K J

Notes

A	Delayed Obsolescence ↓ Train removed	G	\$205 from John S for a train purchase
B	\$50 to the NYNH for a 4 Train	H	\$630 to the Bank for a 6 Train
C	\$750+4 Train to the Bank for a Diesel	I	\$265 from David H for a train purchase
D	Diesel purchase starts Phase 6	J	\$900 to the Bank for a D Train
E	Has Delayed Obsolescence ↓ Train	K	\$261 from Tony S for a train purchase
F	\$499 to the CPR for a 6 Train		

Tiles

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

Trains D/3(\$900)

Cash Flow

	Start	OR10	End	Value	%	Certs Max 17
Tony Sait	407	-220	187	1,944	21.6	15 - 15
David Hooton	364	-67	297	2,375	26.4	17 - 17
John Shelley	21	234	255	2,219	24.7	15 - 15
Mike Bennett	15	166	181	2,458	27.3	16 - 16

Portfolios

	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M	RDR
Tony Sait	3	1	5P	-	6P	-	1	-	1
David Hooton	2	6P	1	-	1	2	1	1	6P
John Shelley *	-	2	-	6P	-	1	2	5P	1
Mike Bennett	5P	1	-	-	-	5P	6P	-	2
Bank New	-	-	4	-	-	2	-	4	-
Par	82	90	90	100	76	100	100	100	90
Bank Pool	-	-	-	4	3	-	-	-	-
Quote	125C	100B	76C	130D	110D	100B	142A	100B	100D
Credit	\$1	\$69	\$0	\$0	\$1	\$81	\$89	\$149	\$0
Tokens Left	1	2	3	1	1	1	-	-	-

The OR11 operating order is - NYNH, B&O, PRR, C&O, RDR, B&M, Erie, NYC, CPR.

The PrE is formed. Only those companies ordered to merge into the PrE at the start of OR9 or SR7 will do so.

Operating Round 8

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B-M	TS				70	H		86	(2) [+3+3]	A
B-P	[JW]				80	H		0	(2)	
Mag	[JS]				160	H		0	(3 2)	
K-M	TS				80	H		44	(2 2)	
B-S	GL				100	H		0	2+2	B I
A-K	[JS]	26:D18:4	[7]		70	H		0	(2)	
ByE	GL	8:N14:6			260	Y	140E	327	3 2+2 +4	C D E I
HeE	JS	202:I3:3			230	Y	92C	319	3+3 3	G
BaE	TS						82C	479	+3+3 +4	H C
SxE	JW	26:F16:6	[9]		330	Y	90G	358	3+3 3 2+2	F I
WtE	GL	6:M9:3					78D	144	+4	C

Notes
 A 270M to the Bank for a 3+3 Train
 B 301M to the ByE for a 2 Train
 C 360M to the Bank for a 4 Train
 D The Prussian Is formed
 E Mag, A-K convert To Prussian
 F Forced To Return a 2+2 Train To the Bank
 G 50M to Bank for a river
 H 1M to the B-M for a 3+3 Train
 I At Train Limit

Tiles

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

Trains 2+2/1(120M) 4+4/1(440M) then 5/2(500M) 5+5/1(600M) 6/2(600M) 6+6/4(720M)

Cash Flow

	Start	OR8	End	Value	%	Certs	Max
John Webley	40	238	278	1,434	20.0	9	15
John Shelley	76	393	469	1,861	26.0	13	16
Tony Sait	76	190	266	1,926	26.9	15	16
Graham Lee	72	262	334	1,944	27.1	12	15

Portfolios

	Privates/Minors	PrE	ByE	SxE	BaE	WtE	HeE	MsE	OIE
John Webley	-	40/4D	-	60/5D	-	-	-	-	-
John Shelley	Pfa	10/2	-	10/1	-	10/1	100/8D	-	-
Tony Sait	N-F, Bra, B-M, K-M	-	20/2	10/1	100/8D	-	-	-	-
Graham Lee *	Han, B-S	-	70/6D	-	-	50/4D	-	-	-
Bank New	-	10/1	-	-	-	40/3	-	100/7D	100/7D
Bank Pool	-	-	10/1	20/2	-	-	-	-	-
Quote		154D	140E	90G	82C	78D	92C		
Credit		774M	327M	358M	479M	144M	319M		
Trains		3	4 3 2+2	3+3 3 2+2	4 3+3	4	3+3 3		
Tokens Left		1	3	1	1	1	-	1	1

The OR9 operating order is - B-M, K-M, B-S, PrE, ByE, HeE, SxE, BaE, WtE.

Two new companies without any fuss. One OR next time by request.

Stock Round 5

* share from the pool

John Webley	Mark Hancock	John Shelley	Mike Bennett
-CPR/2(250),-LPS(110), +CA/P(200)	+GT(100)	+GT(100)	-CPR/2(200),-WR(80), +CV/P(200)
+CA(100)	+WR(65),-WR(80)	+LPS(75)	+CV(100)
+CA(100)	+GW(90)	+GW(90)	+CV(100)
+CA(100)	~	+WR(65)	+CV(100)
+CA(100)	~	~	+CV(100)

Cash Flow	Start	SR5	End	Value	%	Certs Max 16
Mike Bennett	349	-320	29	1,289	29.4	10 - 10
John Webley	242	-240	2	977	22.3	7 - 7
Mark Hancock	203	-175	28	1,023	23.3	8 - 8
John Shelley	336	-330	6	1,101	25.1	11 - 11

Portfolios	Privates	BBG	CA	CPR	CV	GT	GW	LPS	TGB	THB	WR	WGB
Mike Bennett	-	-	-	-	6P	-	-	6P	-	-	-	-
John Webley *	-	-	6P	-	-	-	3P	-	-	-	-	-
Mark Hancock	-	-	-	-	-	5P	1	-	-	-	4P	-
John Shelley	-	-	-	6P	-	1	1	2	-	-	2	-
Bank New	-	10P	4	-	4	3	5	-	10P	10P	2	10P
Par			100	80	100	100	90	75			65	
Bank Pool	-	-	-	4	-	1	-	2	-	-	2	-
Quote			100A	80F	100A	110B	125B	110E			80F	
Credit			\$600	\$55	\$600	\$190	\$220	\$169			\$130	
Loans			0	500	0	0	300	600			500	
Trains				4 4 3		4	3	4 3			3 3	
Tokens Left		2	2	2	2	2	2	-	1	1	2	1

Privates Owned by ShareCos : CPR - WSR | GW - SCFTC | LPS - FT, TCC | WR - GLSC, NFSBC.

Rights Held by ShareCos : GW - Tunnel | LPS - Tunnel | WR - Bridge.

Tiles	1/1	2/1	3/2	4/3	5/2	6/2	7/6	8/13	9/8	14/2	15/1	16/1
	17/1	18/1	19/1	20/1	23/3	24/3	25/1	26/1	27/1	28/1	29/1	55/1
	56/1	57/2	58/2	59/1	69/1	120/0	121/0					
Trains	5/3(\$550)		then	6/2(\$700)		D/9(\$1,100)						

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

1856M46 : STANDARD GAME : PHASE 3 : BANK - \$9,971

NEXT TIME - OR8

An orderly SR1. We will stop after SR2 next time if any change of presidency occurs in SR2 and/or if a 3 train is bought during OR1.

Stock Round 1 (Privates)

Mike Bennett	Andy Muir	Mike Ruffhead	John Webley
Bid on C&A (165)	Bid on C&A (170)	Bid on C&A (175)	Bid on C&A (180)
Bid on M&H (115)	+SVR (20)	+CStL (40)	+D&H (70) [Mike B +M&H (115)] [Mike R +C&A (204)]
~	+B&O (220)/P(0)	+PRR/P(142)	+C&O/P(164)
+NYNH/P(152)	+B&O(90)	+PRR(71)	+C&O(82)
+NYNH(76)	+B&O(90)	+PRR(71)	+C&O(82)
+NYNH(76)	+B&O(90)	+PRR(71)	+C&O(82)
+NYNH(76)	+B&O(90)	~	+C&O(82)
+NYNH(76)	[Priority]		

Cash Flow	Start	SR1	End	Value	%	Certs	Max 16
Mike Bennett	600	-571	29	595	22.9	6 - 6	
Andy Muir	600	-600	0	780	30.0	7 - 7	
Mike Ruffhead	600	-600	0	626	24.1	7 - 7	
John Webley	600	-562	38	600	23.1	6 - 6	

Portfolios	Privates	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M
Mike Bennett	M&H	-	-	-	-	-	-	6P	-
Andy Muir *	SVR, B&O	-	-	-	6P	-	-	-	-
Mike Ruffhead	CStL, C&A	6P	-	-	-	-	-	-	-
John Webley	D&H	-	-	-	-	6P	-	-	-
Bank New	-	4	10P	10P	4	4	10P	4	10P
Par	-	71			90	82		76	
Bank Pool	-	-	-	-	-	-	-	-	-
Quote		71E			90B	82C		76D	
Credit		\$710			\$900	\$820		\$760	
Tokens Left		3	3	3	2	2	2	1	1

Tiles 1/1 2/1 3/2 4/2 7/4 8/8 9/7 55/1 56/1 57/4 58/2 69/1
 Trains 2/6(\$80) then 3/5(\$180) 4/4(\$300) 5/3(\$450) 6/2(\$630) D/6(\$1,100)

The OR1 operating order is - B&O, C&O, NYNH, PRR.

1830R46 : STANDARD GAME : PHASE 1 : BANK - \$8,743

NEXT TIME - OR1, SR2, OR2 & SR3

The last 2 train was bought at the end of OR2.

Operating Round 1

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B&O	AM	7:117:6					82B	740	+2	A B C
C&O	JW	69:G7:4					76C	660	+2 +2	B B
NYNH	MB	56:F20:1					71D	680	+2	B
PRR	MR	9:H14:3					67E	630	+2	B

Notes A \$80 to Bank for a river C Train purchase closes the B&O Private
 B \$80 to the Bank for a 2 Train

Stock Round 2

* share from the pool

Andy Muir	Mike Ruffhead	John Webley	Mike Bennett
-	-PRR(67),+B&O(90)	[Priority]	

Operating Round 2

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B&O	AM	57:H16:1		H16	50	Y	90B	700	2	A
C&O	JW	8:H8:1			40	Y	82C	660	2 2	
NYNH	MB	57:E19:1			50	Y	76D	680	2	
PRR	MR	57:H10:3		H10	30	Y	67F	513	2 +2	A B

Notes A \$40 to the Bank for a garrison B \$80 to the Bank for a 2 Train

Tiles 1/1 2/1 3/2 4/2 7/3 8/7 9/6 55/1 56/0 57/1 58/2 69/0
Trains 3/5(\$180) then 4/4(\$300) 5/3(\$450) 6/2(\$630) D/6(\$1,100)

Stock Round 3

* share from the pool

John Webley	Mike Bennett	Andy Muir	Mike Ruffhead
-	+B&O(90)	+PRR*(67)	-B&O(90)
-	-	-	+NYNH(76)
-	-	-	+NYNH(76)

Cash Flow	Start	OR1	SR2	OR2	SR3	End	Value	%	Certs	Max 16
Mike Bennett	29	20	0	50	-90	9	657	25.4	7 - 7	
Andy Muir	0	35	0	35	-67	3	582	22.5	7 - 7	
Mike Ruffhead	0	35	-23	55	-62	5	692	26.8	8 - 8	
John Webley	38	15	0	39	0	92	654	25.3	6 - 6	

Portfolios	Privates	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M
Mike Bennett	M&H	-	-	-	1	-	-	6P	-
Andy Muir	SVR	1	-	-	6P	-	-	-	-
Mike Ruffhead	CStL, C&A	5P	-	-	-	-	-	2	-
John Webley *	D&H	-	-	-	-	6P	-	-	-
Bank New	-	4	10P	10P	2	4	10P	2	10P
Par	-	71	-	-	90	82	-	76	-
Bank Pool	-	-	-	-	1	-	-	-	-
Quote	-	67F	-	-	82C	82C	-	76D	-
Credit	-	\$513	-	-	\$700	\$660	-	\$680	-
Tokens Left	-	2	3	3	1	2	2	1	1

The OR3 operating order is - C&O, B&O, NYNH, PRR.

The Congo Toll Force were on holiday during round 7 but they are back now and have collected the necessary payments from GITCO and GRAZ for runs 7.1 & 7.4. Starting cash adjusted.

Previous leader DHAN had a length disadvantage in all his entered runs this time - apart from one solo entry. To add to that he was beaten by a marginally longer GRAZ route in run 8.6. But then GRAZ was running well (and/or lucky) this time gaining points when evenly matched with GITCO. But Toll payments helped reduce the GRAZ total earnings below those of ZRR who had just three entries, but they were entries with only one point of payment between them. That shook out to leave all players withing a 16 point range.

Company Run	DHAN Brad M - Brown	ZRR Mike R - Red	GITCO Tony S - Blue	GRAZ John W - Green
8.1 (12) Mbala - (S1) DR Congo [Chingola Mufulira Y9 Z2]			+1/GRAZ	20 -1/GIT -3/Toll 17 [Mufulira]
8.2 (24) Serenje - (55) Mumbwa	0 -1/ZRR +2/GIT 20	15 +1/DHAN +1/GIT 13	15 -2/DHAN -1/ZRR 13	
8.3 (26) Chipata - (44) Solwezi	20 22			
8.4 (34) Kitwe - (S5) Tanzania [Mbala Nakonde]		+1/ZRR	10 +1/GRAZ 19 [Mbala]	20 -1/Z -1/GI -3/T 19 [Mbala]
8.5 (46) Kaoma - (31) Chingola	0 -1/GITCO 32	20 -1/GITCO 15	10 +1/DHA +1/ZRR 21	
8.6 (64) Lusaka - (52) Kataba	0 +4/GRAZ 20	20 +1/GRAZ 13		10 -4/DH -1/ZR 21
8.7 (65) Lusaka - (11) Nchelenge			10 +1/GRA -3/Toll 26	20 -1/GIT -3/Toll 23
Total Points Gained	24	58	44	52

In the run results chart above, the first line shows the race result points, the second line shows the payments from and to other players, and the last line shows the run length along with the choice(s) of endpoint (where they existed). Joint Runs and Exchanges Of Running Powers will also be noted on the first line. In all instances abbreviations may be deployed.

Builds & Scores

DHAN - Brown Brad Martin	(W22) - Kabwe; (W16) - Chingola; (L53) --- L50 --- Lundazi Points: 138 = 118 +24/Runs -8/Builds +3/Towns -2/GRAZ +1/ZRR
ZRR - Red Mike Ruffhead	(D53) -- F54 - G54; (Mumbwa) -- S22; (Zambezi) - F17 -- D16 Points: 144 = 94 +58/Runs -8/Builds -1/GITCO -/1DHAN +2/GITCO
GITCO - Blue Tony Sait	(V16) -- T17 - S17 - R17; (Kaoma) --- I24 - H23 Points: 122 = 87 +44/Runs -8/Builds -2/ZRR +1/ZRR
GRAZ - Green John Webley	No Builds Points: 136 = 82 +52/Runs -0/Builds +2/DHAN

Round 9 Runs - Enter up to 4

- 9.1 (14) Luwingu | Isoka - (32) Mufulira
- 9.2 (16) Chinsali - (22) Samfya | Lundazi
- 9.3 (25) Petauke - (35) Ndola
- 9.4 (41) Mwinilunga | Zambezi - (54) Livingstone
- 9.5 (45) Kasempe - (61) Choma
- 9.6 (56) Kabwe- (S2) Angola | Namibia [I12 | D16 | A22 | Sesheke]
- 9.7 (62) Monze - (S4) Mozambique | Malawi [L56 | Chipata | Lundazi | P46]

Building Allowances & Run Length

The building allowance in round 9 will be 8 points (including known payments to rivals) and will then decrease by 2 for each subsequent round.

In the rainy season (rounds 3, 6 & 9) it costs 4 points to bridge a river.

The minimum run length is 6 hexes.

Mick has advised that I should play for him. As said, he (I) will not pay more than face value for a Colony Card.

Round 13 Actions

Mike Auctioned an Outpost for 100 and got it for 100 reduced to 75 after Heavy Equipment / Ecoplants discounts (o:2,4 w:4,5,8,8 t:44) plus a free Titanium Factory
 Mike Bought one Population Unit (w:6)
 David Auctioned a Scientists for 40. Dane joined at 69 and got it for 69 (w:30 t:10,11 m:18)
 David Auctioned an Orbital Lab for 50. Tony joined at 51, Dane joined at 52 and dropped out at 54. Tony and David bid in increments of one until Tony got it for 70 (o:2,3,4 w:30 t:8,9 r:14)
 David Auctioned an Orbital Lab for 50. Dane joined at 51 and dropped out at 54. David got it for 54 (w:30 r:12,13)
 David Bought one Research Factory (r:10 n:20)
 David Bought one Robot (w:7,8)
 John Auctioned a Laboratory for 80 and got it for 80 reduced to 50 after Data Library discounts (w:8,30 r:12) plus a free Research Factory
 Tony Passed
 Dane Passed
 Mick Auctioned a Heavy Equipment for 30 and got it for 30 (w:30)
 Mick Bought one Titanium Factory (o:2,4,5 w:5,6,8)

Pos	Player	Factories	Operators (Limits)	Production	Total
1	Mike	2o,3w,9t	14 (18) 0 (0)	2o,3w,1t,3T	(169,20)
2	John	2o,4w,3r	5 (5) 0 (0)	4w,5r	(93,10)
3	David	2o,6w,4r,1n	8 (8) 3 (8)	2w,1W,4r,1m,1n	(133,15)
4	Tony	2o,4w,2t	8 (8) 1 (8)	2o,1W,2t,2r,1m	(99,10)
5	Dane	2o,4w,3t	5 (5) 3 (5)	3o,1W,4t,1r,4m	(160,15)
6	Mick	2o,6w,1t	8 (8) 2 (8)	4o,2w,1W,1t	(66,20)

Pos	Player	Colony Cards	VPs	Purchases
1	Mike	HE, Nod, Eco, OP, OP	41	(285)
2	John	DL, DL, DL, Lab, Lab, Lab, Eco	31	(315)
3	David	WH, Nod, OL, Rob, Lab	31	(230)
4	Tony	DL, HE, Nod, Sci, OL, Rob, Eco	27	(240)
5	Dane	WH, HE, Sci, OL, OL, Rob	24	(245)
6	Mick	WH, WH, HE, Nod, Rob, Eco	23	(185)

On Offer	Item	Count	Notes	Item	Count	Notes
	Scientists	2	(none left)	Space Station	1	(3 more)
	Outpost	1	(1 more)	Planetary Cruiser	1	(3 more)
				Moon Base	1	(3 more)

Sold Out - Data Library, Warehouse, Heavy Equipment, Nodule, Orbital Lab, Robots, Laboratory, Ecoplants

Andy Muir	1830R46
Brad Martin	RR2563ZM
Dane Maslen	Outpost M21
David Hooton	1830E46,
David Smith	Outpost M21
Graham Lee	1835K46
John Shelley	1830E46, 1846F46, 1835K46, 1856M46
John Webley	1846F46, 1835K46, 1856M46, 1830R46, RR2563ZM, Outpost M21
Mark Hancock	1856M46
Mick Haytack	Outpost M21
Mike Bennett	1856P45, 1830E46, 1846F46, 1856M46, 1830R46
Mike Ruffhead	1846F46, 1830R46, RR2563ZM, Outpost M21
Tim Parkes	
Tony Sait	1856P45, 1830Z45, 1835K46, RR2563ZM, Outpost M21
