MINSTREL 439 MARCH 2019

Some of the 18xx games are on page 2 onwards in the order of starting. George's games are held over as he has had another spell in hospital. I will review how we proceed for the next issue. RR2362EA is on p6, Outpost M16 is on p7, St. Petersburg M5 is on p8 and The Games That You Play is on p9. Endgame comments are available for 1829W40 below and for 1830C41 after the 1830A42 report on p5.

New Games: The Railway Rivals game started by email between issues. Meanwhile - no full waiting lists.

As above George has unfortunately been unwell again and thanks to Tim for the updates on George's situation. Clearly we all wish George the best. If he does not return for issue 440 but will for 441 then I would hold the games over one more time but after that we would have to proceed one way or the other.

Thank you for the comments on the new website - it is still officially on trial. The sidebar is hidden on mobile devices for screen space reasons and that seems to be okay.

1829W40 COMMENTS

Tony 0 1st

Thanks to everyone for a very entertaining game. It always amazes me how every 1829 game is completely different. In this game, I have never seen the first 3 companies collectively all do so badly at the start of the game.

Thanks particularly to Mike R and John for your co-operation in building such a great network in the North. It made the game very enjoyable. Really well done to Mike "Lazarus" R for coming back from the dead in the early part of the game, and probably finishing 3rd. Unfortunately John's share portfolio was too weak to get him back into contention.

I made plenty of mistakes in this game, the biggest being my strategic decision to get out of the LNWR too early. Thus, I feel lucky to have hung on in front. Well done to Mike B for pushing me all the way, and bad luck to David for just missing out on 3rd place.

Finally, as always, a big thank you to Rob for running the game so well, and not complaining about the complexity of my orders.

Mike B 2<sup>nd</sup>

Congratulations to Tony and thanks to Rob. I played conservatively, and it almost worked. I made too many small errors of the type of realizing what I should be doing a round after I should have started doing it. The final dagger was the L&YR token @F10 which effectively turned the LSWR trains into a 3-train and 5-train. As it turns out I would have been better trying to run the 7-train up the west side of the board instead of the center, but it was hard to see how well developed that side was going to be when I started my grand plan of connecting to the north.

Mike R 3rd

Third place I think, which on the one hand isn't bad given the state I was in after the MR got stomped on at birth, but on the other hand is - let's face it - still rubbish. Hats off to Tony for yet another master class in portfolio and relationship management. The worst thing is that he is always so nice about it that one almost doesn't mind getting beaten. Almost.

# 1829W40: SOUTH GAME, MSK1, PC RULE

WON BY TONY FROM MIKE B

WAITING	1829	Mike R [S], John S [S], David H	
	1830		
	1835	Mike B	
	1856	David H	
	1861	John S, Stephen W	
	1870	-	
	18EU	Stephen W, John S, David H	
	RAILWAY RIVALS	_	
	OUTPOST	Ian P, David H	
DEADLINE	: Friday 15 <sup>th</sup> March	2019	HOST: ROB THOMASSON

1829E41 / 15 OR18

The NER ran for 140, and not 130 as reported, in OR17 - cash adjusted.

Next time we stay with one OR at a time again by request.

Operati	ng Rou	nd 18										
	Dir	Lay	[Rep]	Tok	en	Run	Pay	Quote	Credit	Train	s Note	es
LNWR	JS	67:Q13:3	[12]	Q5 -	L10	310	N	200	1,000	4 (3T)	)	
NER	DH	67:P18:5	[15]	P20 -				180	10	` '		
Mid	MR	67:H4:3	[15]	P14		430	Υ	200	40	6 4	Ε	
NBR	MB			N16 -		190	Υ	112	70	4 +5	BE	
Cal	MB	9:H12:1	<b>503</b>	H12 ·		220	.,	56	50	+4+4E	. C	
L&YR GNR	JS AM	15:N12:4	[2]	011 - P14 -		220 260	Y N	100 61	210 320	5 4 3T	Ε	
GCR	AM DH			M15 -		170	Y	82	60	5	E	
GSWR	MR	49:09:2	[33]	M13 -		130	N	14	270	3T	Α	
Fur	JS	50:011:2	[34]	M9 -		150	.,	47	160	+3T	Ď	
Notes	A f	240 from the	Stranrae	r Packet		D	f 37	0 to the L	NWR for a	a 3T Tra	in	
110163		2170 to the C				E		Train Limi		31 110		
		1830 to the B			ain	_	, , ,					
Tiles	4 /2	2/2	. /2 4	// F/	12 (		7/2	0//	10	/2 42	/2 42/	
Tiles	1/2 14/0		3/2 4/ 6/1 17				7/3 0/2		9/3 10/ 2/0 23/			
	26/2		8/0 29				3/1		5/0 25/ 5/0 36/			
	39/1		1/2 42				5/1		7/1 49 <i>/</i>			
	60/0		.,	,5	, 0			.0, .	.,,,	0 00	, 0 31,	Ū
Trains	6/1	(£650) 2+2/2	2(£600) 4	4+4E/1(f	2830) t	hen	7/4	(£720)				
Cash Flo	ow	Sta	art C	)R18	End		٧	alue	%	Ce	rts Max	18
John Sh	elley		3	132	135		2	,727	17.5	18 -	21	
Andy Mu		5	57	107	664		2	,503	16.0	10 -	10	
Mike Be	nnett	5	13	184	697			,679	17.2	18 -		
David H			49	330	779			,555	22.8	16 -		
Mike Ru	ffhead		76	432	508		4	,145	26.6	18 -	20	
Portfoli	os	Privates	LNWR	NER	Mid	NBR	Ca	l L&YR	GNR	GCR	GSWR	Fur
John Sh	ellev	-	6D	2	-	-	-	6D	1	-	3	7D
Andy Mu		Aberdeen	1	-	1	1	-		7D	-	-	-
Mike Be	nnett	-	1	2	-	7D	7D	-	-	3	-	-
David H		Holyhead	2	2D	2	1	-	4	-	6D	3	-
Mike R	Hull,	Brrw, Strnr	-	1	7D	1	3	-	2	1	4D	1
Bank Ne		-	-	-	-	-	-	-	-	-	-	2
Bank Po		-	-	3	-	-	-	-	-	-	-	-
Tokens I	Left		2	2	3	1	3	1	3	3	1	2

1829E41: North Game, MSK1, MSK2, PC Rule, Furness: Phase 4: Bank - £17,217

NEXT TIME - OR19

1856M41 / 11 OR9 & OR10

This time two diesels are obtained through the power of conversion. Next time it is one round by request.

Operatir	ng Roi Dir		) Lay	[R	ep]	Base	Run	Pay	Quote	Credit	:	Trains	Notes	
LPS GW CV CGR WR BBG	GL TS JW IP GL IP	1 ' 1 12	3:H15: 4:B19: 1:M10:4 25:B19: 6:O16:5	1 [5   5 [1 	4] 57] 4]	B19	420 190 90 370 500	Y Y Y N	175D 150D 110A 100A 90A 75A	9 295 450 402 41 60	) }	5 (4) (4) 5 (4 4) [+4 +4] +[ 6 (5) +D	O ABCD EFGJ	
TGB	JS		9:16:3						50F	0		+5 ′	ΗΙ	
Operatir	ng Roi Dir		10 Lay	[R	ep]	Base	Run	Pay	Quote	Credit		Trains	Notes	
LPS GW	GL TS		8:112:2	2 [5	59]		240	Y	200D 125D	9		D +6	K L M N	
CV CGR	JW IP	,	7:M8:4				170 330	Y N	125A 100A	450 732	) :	5		
WR BBG	GL IP		9:N17:				500	Υ	80A 75B	41 110	)	5 D 6	) O	
TGB	JS ,		15:K8:2	-	5]		70	Y	55F	28		5 <b>-</b> ·		
Notes	B C D E	\$9 to \$750 Diese \$40 t \$50 t \$750	the Li +4 Trai el purc to the I to the I +5 Trai	he GW for a 4 Train  LPS for a 4 Train  J At Train Limit  rain to the Bank for a Diesel  rchase starts Phase 6  E Bank for a garrison  E bank for Tunnel Rights  rain to the Bank for a Diesel  S 1 to the WR for a D Train  Tony S sold BBG(75)  M \$405 from Tony S for a train purchase  N \$700 to the Bank for a 6 Train  O \$1 to the LPS for a 5 Train										
Tiles Trains	1/0 17/ 40/ 59/ 123/ D/7	1 1 1 4 1 6		3/3 19/1 42/3 64/1 125/0	4/3 20/1 43/2 65/1 126/0	5/2 23/3 44/1 66/1 127/1	6/0 24/4 45/2 67/1	7/! 25/ 46/ 68/	1 26/1 2 47/2	9/5 27/1 55/1 70/1	14/3 28/1 56/1 120/0	29/1 57/3	16/1 39/1 58/1 122/1	
Cash Flo	w		St	art	OR9	OR10	) Er	ıd	Value	e %		Certs A	Max 15	
lan Pend Graham Tony Sai John We John She	Lee t bley	у	1	42 19 6 54 33	9 252 263 54 7	317 194 -134 102 65	46 4 13 2 21	35 10	1,32 2,34 1,71 1,26 69	0 23.4 0 17.2	1 <sup>2</sup> 10	8.5 - 8.5 1.0 - 11.0 0.0 - 10.0 6.5 - 6.5 4.0 - 4.0		
Portfolio	S		E	BBG	CV	GW	LPS	TGB	THB	WR	WGB	CGR		
Ian Pend Graham Tony Sai John We John She	Lee t * bley	у		6P 1 2 -	1 - - 6P 3	- - 5P - -	- 6P 4 -	- - - - 2P	- - - -	1 5P - -	- - - -	3P 2 - 3		
Bank New Par Bank Poo Quote Credit Tokens L	ol		7	- 100 1 75B 110	100 - 125A \$450 2	65 5 125D \$0 2	- 65 - 200D \$9 -	4 90 4 55F \$28 1	10P - 1	4 100 - 80A \$41 2	10P - 1	7 100 5 100A \$732 7		

Rights Held by ShareCos: BBG - Tunnel | CGR - Bridge, Tunnel. The OR11 operating order is - LPS, GW, CV, CGR, WR, BBG, TGB.

1856M41 : STANDARD GAME : PHASE 6 : BANK - \$9,247

1870X41/5

Just the one OR next time by request.

Cash Flow

Stock Round 3 \* share from the pool

John S +FW/P(180) -MKT(82),+SLSF(100)
+FW(90) ~
+FW(90) ~
+FW(90) ~
+FW(90) ~
-FW(90),+MKT*(76) [Priority]
<u>-</u> -

End

Value

%

Certs Max 16

Mike Bennett Tony Bromley John Webley John Shelley	560 52 113 59	-	26 18 00 0	34 34 13 59		824 598 597 565	31. 23. 23. 21.	1 1	8 - 8 6 - 6 7 - 7 6 - 6	•	
Portfolios	Privates	ATSF	FW	GMO	IC	MP	MKT	SP	SSW	SLSF	TP
Mike Bennett	-	-	5P	-	-	-	5P	-	-	-	-
Tony Bromley *	GRSC	-	-	-	-	1	1	-	-	4P	-
John Webley	-	1	-	-	-	6P	-	-	-	1	-
John Shelley	SCC	6P	-	-	-	-	-	-	-	-	-
Bank New	-	1	4	10P	10P	3	4	10P	10P	5	10P
Par		76	90			68	90			100	
Bank Pool	-	-	1	-	-	-	-	-	-	-	-
Quote		76D	82C			68F	76C			100A	
Redeemed		2	-	-	-	-	-	-	-	-	-
Credit		\$364	\$900			\$369	\$40			\$648	
Trains		3 2				222	3 2 2			3 2	
Tokens Left		2+D	1+D	1+D	1+D	1+D	2+D	2+D	1+D	2+D	1+D

Privates Owned by ShareCos: MP - MRBC | MKT - GSC, MKT.

Start

SR3

Rights Held by ShareCos: None

4/5 6/0 8/17 14/4 Tiles 1/1 2/1 3/3 5/0 7/8 9/22 15/4 16/2 17/2 18/2 19/2 20/2 23/4 24/4 25/3 26/2 28/2 29/2 55/1 27/2 56/1 57/2 58/4 141/2 142/2 143/1 144/1 5/4(\$450) 6/3(\$630) 8/3(\$800) 10/2(\$950) **Trains** 3/3(\$180) then 4/5(\$300) 12/6(\$1,100)

The OR3 operating order is - SLSF, FW, ATSF, MKT, MP.

1870X41 : STANDARD GAME : PHASE 2 : BANK - \$9,539 NEXT TIME - OR3

1830A42 / 2 SR1 (COMPLETION)

There are three companies that will operate in OR1. Next time, by request, we will not try to reach SR3.

#### Stock Round 1 (Completion)

David Hoo	oton	Tony Sait			Mike Ruffhead			John Shelley		
+PRR/P(1	80)	+C&C	)/P(152)		+NYNH/P(142)			~		
+PRR(9		+C&O(76)				NH(71)		~		
+PRR(9	0)	+C8	tO(76)		+NYI	NH(71)			~	
+PRR(9	0)	+C8	tO(76)		+NYI	NH(71)			~	
~		+C8	tO(76)		1YN+	NH(71)		[Pr	iority]	
Cash Flow	Star	rt SF	R1	End	Valu	ıe %	, )	Certs	Max 16	
David Hooton	47	0 -45	50	20	60	00 22	3	6 - 6		
Tony Sait	56	0 -45	56	104	60	00 22	3	6 - 6		
Mike Ruffhead	43	5 -42	26	9	68	35 25	5.5	7 - 7		
John Shelley	31	0	0	310	80	00 29	8.8	3 - 3		
Portfolios	Privates	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	вам	
David Hooton	SVR, M&H	5P	-	-	-	-	-	-	-	
Tony Sait	CStL	-	-	-	-	6P	-	-	-	
Mike Ruffhead	C&A	1	-	-	-	-	-	6P	-	
John Shelley *	D&H, B&O	-	-	-	2P	-	-	-	-	

10P

3

8

100

100A

2

76

76D

\$760

2

10P

2

4

71

71E

\$710

1

10P

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

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

1830A42 : STANDARD GAME : PHASE 1 : BANK - \$9,187 NEXT TIME - OR1 & SR2

1830C41 COMMENTS

Mike R 1st

Bank New

Bank Pool Quote

Tokens Left

Credit

Par

Two type 5s. Lucky me. Sorry it was a bit of a procession - but not very.

4

90

90B

\$900

3

10P

3

Tony S 5<sup>th</sup>

Let's have a look at your monthly objectives Mr. S.: run two companies - check; stay solvent - check; develop tracks and build income - partial; be clever and devious - to be developed a lot more; win game - to be reviewed at next meeting.

Never really got out of the N.E. Corner and made a bit of a hash at buying trains. Must concentrate more. Well done to the rest, but remember one day I will work out how to do this!

1830C41 : STANDARD GAME : PHASE 5 : BANK - BROKEN WON BY MIKE

DDH has been renamed to Wells, Aldeburgh, Colchester, Chelmsford, and Ongar Railway (WACCO). Even so, WACOO is the London starter that does not go to Chelmsford and Colchester. How very post-modern.

Underlined towns indicate first arrivals and earn points for the incoming railway(s). Underlined hexes are inferrations or corrections.

#### **Builds**

WACCO CROW SLOWEST GITCO GRASS	Brown Blue Red Purple Green	(Lowestoft) (London) - (London) -	) - <u>B24</u> V5  - <u>C</u> V5  - <u>C</u>	- <u>Be</u> helr helr	ccles   nsford nsford	- D21 - H - S8 - Q9 - S8 - Q9	ortford - W12   - W14 - V14 - V15 19   - <u>Stowmarket</u>   - <u>Colchester</u>   - <u>Colchester</u> - <u>Ely</u>   - V20 - V19
Scores			End		Start	Towns	
WACCO CROW	David Ho Brad Mar		23 26	=	20 20	+3 +6	

				• • • • • • • • • • • • • • • • • • • •	
WACCO	David Hooton	23	=	20	+3
CROW	<b>Brad Martin</b>	26	=	20	+6
SLOWEST	Mike Ruffhead	26	=	20	+6
GITCO	Tony Sait	26	=	20	+6
GREA	John Webley	26	=	20	+6

#### **Building Allowances**

The building allowance for each of rounds 1-6 will be derived from three die rolls in the range 3 to 6 with no one round ever having more than one roll of 3. The building allowance in round 7 will be 12 points (plus payments to rivals) and will then decrease by 2 for each subsequent round.

RAILWAY RIVALS RR2363EA

NEXT TIME – ROUND 2 BUILDS USING ROLLS [3, 6, 4]

OUTPOST M16 ROUND 12

A greater spread of interest in the Colony Cards ... and then we are into Phase 3 ...

#### **Round 12 Actions**

Dane Auctioned an Orbital Lab for 53. David S joined at 54, Mick at 55.

David H joined at 82 and got it for 82 (o:1 w:30 t:7,44)

Dane Auctioned an Ecoplants for 33. David S joined at 34 and got it for 34 (o:3 m:15,16)

Dane Auctioned an Ecoplants for 33 and got it for 33 (o:5 w:5,8 r:15)

Dane Bought two Research Factories (0:4 w:5,8,30 r:13)

Mike Auctioned a Robots for 50. Ian joined at 51 and dropped out at 64.

Mike got it for 64 (0:2 r:11,11,13,13,14) plus a free Robot

Mike Bought one Research Factory (w:6,7,8 r:10)
David S Bought two Titanium Factories (w:30 t:13 m:17)

David S Bought two Population Units (0:1 t:9)
Mick Bought three Population Units (w:30)

Mick Bought three Water Factories (0:4,5 w:4,6,8,9 t:8 m:16)

David H Passed

John Bought one Titanium Factory (0:2,4 t:7,7,10)

Tony Auctioned an Outpost for 100 and got it for 100 reduced to 85 after Heavy Equipment

discounts (w:30 t:8,8,10,10,11,12) plus a free Titanium Factory

lan Bought one New Chemicals Factory (0:2 w:7,7,30 r:14)

Pos	Player	Factories	Operators (Limits)	Production	Total
1	David S	2o,4w,4t	9 (10) 0 (0)	1o,1W,1T,2m	(111,20)
2	Dane	2o,7w,4r	7 (8) 4 (7)	3w,1W,4r	(103,10)
3	Mike	20,3w,2r	5 (5) 1 (5)	10,3w,6r	(102,10)
4	Mick	2o,10w,1t	13 (13) 0 (0)	2o,2w,2W,1t,1m	(107, 20)
5	Tony	20,4w,4t	7 (13) 2 (7)	10,1W,4t	(73,15)
6	David H	2o,4w,4t	9 (10) 0 (0)	1o,1W,1t,1T,1m	(104,20)
7	John	2o,4w,3t	8 (8) 0 (0)	10,2W,5t	(113,15)
8	lan	2o,8w,2n	8 (8) 0 (0)	8w,1W,1r,3n	(159,15)
Pos	Player	Colony Cards		VPs	Purchases
1	David S	WH, HE, OL, O	L, Eco, OP	31	(285)
2	Dane	DI Nod Rob	•	31	(200)

	•	•		
1	David S	WH, HE, OL, OL, Eco, OP	31	(285)
2	Dane	DL, Nod, Rob, Lab, Eco	31	(200)
3	Mike	DL, DL, DL, Sci, Sci, Sci, Rob, Lab	28	(350)
4	Mick	WH, Nod, OL, OP	25	(200)
5	Tony	HE, Nod, Rob, OP	24	(205)
6	David H	WH, HE, OL, OP	23	(205)
7	John	WH, HE, Nod, Eco	20	(110)
8	lan	WH, Nod, Sci	17	(90)

On Offer	Heavy Equipment	1	(none left)	Outpost	1	(none left)
	Orbital Lab	0	(1 more)	Space Station	2	(4 more)
	Robots	2	(none left)	Planetary Cruiser	0	(6 more)
	Laboratory	1	(2 more)	Moon Base	0	(6 more)
	Ecoplants	1	(1 more)			

Sold Out - Data Library, Nodule, Warehouse, Scientists.

OUTPOST M16: EXPERT: PHASE 3 [WINNER AT 75 VPs] NEXT TIME - ROUND 13

More action this time ... four cards bought and one upgraded ...

### **Aristocrats Actions**

Brad Martin	Mike Ruffhead	John Webley	Tony Sait
Buy Author [4]	Take Controller Into Hand	Buy Warehouse Manager [10]	Buy Warehouse Manager [9]
~	Buy Secretary From Hand [12]	Buy Secretary From Hand [11]	~
~	Take Hospital Into Hand	Upgrade Secretary to Senator From Hand [1]	

### The Cards for Next Time



















## **Cards Bought**

# \* indicates a Trading (Upgrade) Card

Tony S	Lumberjack [3-3-0], Gold Miner [4-3-0], Shepherd [5-3-0] by 2, Ship Builder [7-3-0] by 3, Gold Smelter* [6-3&-1/A-0], Warehouse [2-0-0], 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] by 2, 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, Fur Trapper [6-3-0], Carpenter Workshop* [4-3&-1/B-0], Market [5-0-1] by 4, Customs House [8-0-2], Theater [20-0-6], Observatory [6-0-1?], Author [4-1-0], 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, Bank* [13-5-1], Peterhof* [14-4-2], 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], Secretary [12-4-0], Controller [14-4-1], Judge [16-5-2], 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], Warehouse Manager [10-3-0], Secretary [12-4-0], Mistress Of Ceremonies [18-6-3], Pope* [6-1-1], Senator* [12-2-2]

### Cards In Hand

## \* indicates a Trading (Upgrade) Card

Tony S	Minister Of Foreign Affairs* [20-2-4]					
Brad M						
Mike R	Hospital [14-0-4], Secretary [12-4-0], Controller [14-4-1]					
John W						

### Summary

Player	Hand	Rubles	VPs	Income per Phase - Rubles + VPs Round 7 S				rt
	Cap			Workers	Buildings	Aristocrats	[Cards Left]	
	1							
Tony S	4	55	45	24r + 0v	8r + 8v	19r + 7v	Workers	[3]
Brad M	3	6	48	15r + 0v	0r + 16+1?v	5r + 0v	Trading	[6]
Mike R	3	26	46	21r + 4v	10r + 8v	26r + 9v	Aristocrats	[2]
John W	3	24	55	21r + 3v	0r + 9v	18r + 6v	Buildings	[1]

### THE GAMES THAT YOU PLAY

Andy Muir 1829E41, 1856W41

Brad Martin RR2363EA, St. Petersburg M5

Dane Maslen Outpost M16

David Hooton 1829W40, 1829E41, 1830A42, RR2363EA, 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, 1830A42

John Webley 1830C41, 1856M41, 1835S41, RR2363EA, Outpost M16, St. Petersburg M5

Mick Haytack Outpost M16

Mike Bennett 1829W40, 1829E41

Mike Ruffhead 1829W40, 1830C41, 1829E41, 1830A42, RR2363EA, Outpost M16, St. Petersburg M5

Stephen Webb

Tim Parkes 1835J41, 1835S41, 1856W41

Tony Bromley 1835J41 Tony Osborne 1829W40

Tony Sait 1830C41, 1835J41, 1856M41, 1830A42, RR2363EA, Outpost M16, St. Petersburg M5