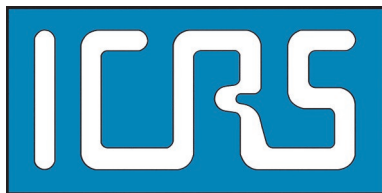


# Inter City Railway Society



## UK Rail Series No.2

# UK Combine Vol.1 2021

## Locos, Units, Trams & Underground

2<sup>nd</sup> edition (previously part of **UK Combine**)

Researched & Compiled: Trevor Roots

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# INTRODUCTION

This increasingly more comprehensive book is the companion to **Combine Vol.2**. Stock listed as per the Contents Page is either operational or stored on the various Network Rail, Preserved and Private railway lines / sites in the UK. Former UK stock exported or preserved abroad is also listed as are imported locos that previously worked abroad. Also included are Industrial Steam / Diesel / Electric / Battery locos, preserved and operational, covering gauges from 2'-7" up to broad gauge. The remaining Narrow Gauge locos down to 1'-11½" / 600mm (approx 1800) will be added in the 2022 edition, adding approx 32 pages to this book.

Unless shown otherwise entries are laid out as follows: ^ denotes fictitious number

**Locomotives / LU Locos** (except Cl.01/5 - see section for explanation)

No. / [Works No] - (Previous Nos) - Details - Owner - Livery - Pool - Depot / Location - Name

**Units / Railcars**

Unit No. - Details - (Previous Nos) - Livery - Operator - Depot / Location - Car Nos. - Name

**Preserved Units / Railcars**

Car No. - Details - (Previous) *Set Nos* - Type - Depot / Location - Name

In the Depot / Location column, brackets eg (TO) denote a storage location for mainline stock.

We have tried to make this book as comprehensive and as user friendly as possible, especially to help newcomers to our hobby, so we hope you enjoy this publication prepared by **Inter City Railway Society**. Please note that we are volunteers and keeping track of changes then compiling the final book is a non-stop task done throughout the year. Hopefully any errors or typos have been removed during proof reading but some always slip through, so if you have any comments or know of further additions or amendments, please contact us. If we don't know there is an error we can't fix it.

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Trevor Roots

updated to 1<sup>st</sup> February 2021

**Contributors:** ICRS would like to thank the following individuals for their contributions in bringing you the most up to date and accurate information possible across both Combine Volumes:

*Robert Anderson, Peter Britcliffe, John Campbell, Malcolm Castell, Neil Dix, Ronnie Dunn, Alex Ford, Ian Furness, Steve Gillam, John Hill, James Holloway, Geoff Hope, Harold Hull, Colin James, Stuart Moore, Colin Pottle, Eddie Rathmill, Trevor Roots, Mike Rumens, John Scotford, Keith Slater, Barry Stephens, Dennis Troughton, Aidan Turner, Len Turner, Peter Venham, Carl Watson, Tony Whitehead, Chris Woolf*

**Major Stock Changes since the 1<sup>st</sup> Ed (Feb 2020)**

- Approx 1000 more locos covered in a new section **Other Preserved / Industrial Diesel / Electric / Battery Locos** and added to the **Preserved Steam, Trams & Underground** sections
- Cl.91s 'temporarily' withdrawn
- Several Cl.142/143/144 Pacers have been preserved
- Temporary Cl.153/9 class created for TFW
- Six Cl.170/6s reformed as Cl.170/5s with another six Cl.170/5s reformed as Cl.170/6s
- New Cl.231 DEMUs added
- More Cl.315s, the first Cl.317/321/332s scrapped
- Cl.319s converted for parcels traffic
- New Cl.600 Hydrogen powered 'Breeze' units under conversion added
- Cl.720/1 order cancelled with Cl.720/5 order extended by 44
- New Cl.720/6 order for c2c
- Isle of Man Railways & Trams added

#### Layout Changes:

- With all Industrial diesels added the 01/5 section has been reorganised to match
- Spare D78 cars moved to rear of Unit section
- New Definitions section added to Appendices

# SHUNTING LOCOMOTIVES

<b>LMS / Drewry 0-4-0 DM</b>						built 1934 by EE, Preston
<b>Engine:</b> Gardner 6L3 of 150 hp			<b>Transmission:</b> Mechanical - Wilson			
<b>Weight:</b> 25 tons			<b>Train Brake:</b> None			<b>Max Speed:</b> 12 mph
7050	(240,846,70224,7400)	PV BK Pres	NRM			
<b>LMS / Hunslet 0-6-0 DM</b>						built 1932 by Hunslet Engine Company, Leeds
<b>Engine:</b> McClaren / Ricardo MR6 of 132 hp			<b>Transmission:</b> Mechanical - Hunslet			
<b>Weight:</b> 21 tons			<b>Train Brake:</b> None			<b>Max Speed:</b> 30 mph
7051	(70027,7401,1697)	PV BK Pres	MID			
<b>LMS / EE 0-6-0 DE</b>						built 1935 by Hawthorn Leslie, Newcastle upon Tyne
<b>Engine:</b> EE 6K of 350 hp			<b>Transmission:</b> Two EE Traction Motors			
<b>Weight:</b> 52 tons			<b>Train Brake:</b> None			<b>Max Speed:</b> 30 mph
7069		8F BK Pres	VBR			
<b>Hudswell Clarke 0-6-0 DM</b>						built 1961 by Hudswell Clarke
<b>Engine:</b> Gardner 8L3 of 204 hp, 1200 rpm			<b>Transmission:</b> Mechanical - SCR Type 23			
<b>Weight:</b> 35 tons			<b>Train Brake:</b> Vacuum			<b>Max Speed:</b> 24 mph
D2511		PV G Pres	KWV			
<b>North British 0-4-0 DH</b>						built 1958-61 by NBL, Glasgow
<b>Engine:</b> MAN W6V 17.5/22A of 225 hp			<b>Transmission:</b> Hydraulic - Voith L33YV			
<b>Weight:</b> 36 tons			<b>Train Brake:</b> Vacuum			<b>Max Speed:</b> 17 mph
D2767		SP G Pres	BKR			
D2774		PV G Pres	STP			
<b>EE Prototype 0-6-0 DE</b>						built 1956 by EE (VF), Newton-le-Willows
<b>Engine:</b> EE 6RKT of 500 hp			<b>Transmission:</b> Two EE607A Traction Motors			
<b>Weight:</b> 47 tons			<b>Train Brake:</b> Vacuum			<b>Max Speed:</b> 40 mph
D0226	(D226)	PV G Pres	KWV			VULCAN
<b>North British Prototype 0-4-0 DH</b>						Used by BR Western, London Midland & Southern Regions
<b>Engine:</b> Paxman 6VRPHXL of 225 hp			<b>Transmission:</b> Hydraulic - Voith L24V			built 1954 by NBL, Glasgow
<b>Weight:</b>			<b>Train Brake:</b>			<b>Max Speed:</b> 12mph
[27414]		PV BK Pres	TSR			TOM
[27415]	(2059)	PV M1 Pres	BKR			TIGER
<b>North British Prototype 0-4-0 DH</b>						Trialed by BR
<b>Engine:</b> MAN W6V 17.5/22 of 225 hp			<b>Transmission:</b> Hydraulic - Voith			built 1958 by NBL, Glasgow
<b>Weight:</b>			<b>Train Brake:</b>			<b>Max Speed:</b> 37 mph
D1	(27734)	PV G Pres	PMJ			
<b>AEC Prototype 4w DM</b>						Trialed by GWR
<b>Engine:</b> AEC of 78 hp			<b>Transmission:</b> Mechanical			built 1938 by AEC, Southall
<b>Weight:</b>			<b>Train Brake:</b>			<b>Max Speed:</b>
1		PV G Pres	SRC			
<b>Fowler 0-4-0 DM</b>						Registered for use on GWR tracks
<b>Engine:</b> Ruston			<b>Transmission:</b> Mechanical			built 1933 by Fowler, Leeds
<b>Weight:</b> 12 tons			<b>Train Brake:</b>			<b>Max Speed:</b>
[21442]	(211)	PV G Pres	SCR			WOODBINE

**Class 01 Barclay 0-4-0 DM**

built 1956 by Andrew Barclay, Kilmarnock

**Engine:** Gardner 6L3 of 153 hp**Weight:** 25 tons**Route Availability:** 1**Transmission:** Mechanical. Wilson SE4 Epicyclic**Tractive Effort:** 12,750 lb**Fuel Capacity:** 325 gallons**Train Brake:** None**Max Speed:** 14 mph

D2953 (11503) HS G Pres HST | D2956 (11506) EL BK Pres ELR

**Class 01/5** Shunters which are / have been Network Rail registered from various builders. Some do not carry the 01/5 number. \* Originally ordered for MoD. See **APPENDICES** for Locomotive Manf Codes

Locos rebuilt where two dates / works nos shown and by different manf if relevant

No	Built	Wks Nos	Alt Nos	Manf	Type	Own	Liv	Pool	Location	Name
01507	* 1961	[459519]	425	R&H	0-6-0DH	PV	G	MBDL	CES	VENOM
01508	* 1961	[466617]	428	R&H	0-6-0DH	AF	AF	Priv	ZG	
01509	* 1963	[468043]	433	R&H	0-6-0DH	CR	BU	MBDL	[AL]	Lesley
01510	* 1987	[320V]	272	TH	4wDH	MD	DL	Priv	MDL	
01511	* 1988	[323V]	275	TH	4wDH	MD	DL	Priv	MDL	
01512	* 1987	[319V]	301	TH	4wDH	MD	DL	Priv	MDB	CONDUCTOR
01513	* 1987	[318V]	302	TH	4wDH	MD	DL	Priv	MDK	
01514	* 1988	[332V]	303	TH	4wDH	MD	DL	Priv	MDL	
01515	* 1987	[321V]	304	TH	4wDH	HN	DL	Priv	FB	
01520	* 1987	[322V]	274	TH	4wDH	MD	DL	Priv	FB	
01521	* 1988	[333V]	278	TH	4wDH	MD	DL	Priv	MDB	FLACK
01522	* 1977	[272V]	254	TH	4wDH	MD	DL	Priv	MDG	
01523	* 1981	[299V]	259	TH	4wDH	SX	DL	Priv	MMP	
01524	* 1983	[301V]	261	TH	4wDH	MD	DL	Priv	MDU	
01525	* 1984	[306V]	264	TH	4wDH	MD	DL	Priv	MDB	
01526	* 1983	[307V]	265	TH	4wDH	HN	DL	Priv	WEN	
01527	* 1977	[274V]	256	TH	4wDH	MD	DL	Priv	MDB	
01528	* 1984	[309V]	267	TH	4wDH	MD	DL	Priv	MDK	
01529	* 1984	[310V]	268	TH	4wDH	HN	DL	Priv	WEN	
01530	* 1984	[311V]	269	TH	4wDH	PV	DL	Priv	EKR	
01531	1972/99	[7018 / 6578]	4323	HE	0-6-0DH	PV	Z	MBDL	PEA	
01541	* 1984	[300V]	260	TH	4wDH	SX	DL	Priv	MMP	
01542	* 1982	[302V]	262	TH	4wDH	SX	DL	Priv	MMP	
01543	* 1982	[303V]	263	TH	4wDH	PV	DL	Pres	FB	
01544	* 1977	[270V]	252	TH	4wDH	HN	DL	Priv	WEN	
01545	* 1977	[271V]	253	TH	4wDH	PV	DL	Priv	WK	
01546	* 1977	[273V]	255	TH	4wDH	PV	DL	Pres	EKR	
01547	* 1983	[308V]	266	TH	4wDH	MD	DL	Priv	MDK	
01548	* 1978	[275V]	257	TH	4wDH	MD	DL	Priv	MDG	
01549	* 1981	[298V]	258	TH	4wDH	MD	DL	Priv	MMP	MULBERRY
01550	* 1988	[324V]	271	TH	4wDH	MD	DL	Priv	MDB	
01551	1966	[D1122	H016	EE	0-4-0DH	SM	Z	MBDL	AK	Lancelot
01552	1966	[167V]	D3	TH	0-6-0DH	HN	Z	MBDL	LM	
01555	1980	[288V]	8	TH	4wDH	MY	G	MBDL	TSH	JAMES
01558	1965	[10226]	DH23	RR	0-4-0DH	PV	MS	Pres	RSR	ENERGY
01560	1965	[10229]	DH26	RR	4wDH	PV	MS	MBDL	TSH	
01562	1975	[257V]	MS6475	TH	0-6-0DH	BR	W	MBDL	nk	
01565	1963	[10144]	3001	S	0-6-0DH	CB	Y	Priv	CFB	
01567	1977	[276V]		TH	4wDH	MY	G	Priv	CRM	ELIZABETH
01568	1976	[264V]	01554	TH	4wDH	MY	G	Priv	CHA	HELEN
01569	1979	[281V]		TH	4wDH	MY	G	Priv	BSL	EMMA
01570	1990	[773]		HB	B-B DH	LF	BC	Priv	[HOP]	BLUE JOHN
P405D	1976/95	[261V / L124]	01571	TH / YE	0-6-0DH	IY	BU	Priv	IMQ	ALEX
01572	1968	[10256]	01561_MS5482	RR	0-6-0DH	BR	BU	Priv	AIC	KATHRYN
01573	1966	[6294]	H006	HE	0-6-0DH	RL	RL	Priv	WO	
422	* 1961	[459517]	01583	R&H	0-6-0DH	PV	G	Pres	LAV	VALIANT
423	* 1961	[459518]	01585	R&H	0-6-0DH	VR	BU	MBDL	BRC	

# MAINLINE DIESEL LOCOMOTIVES

## Class 15 BTH Type 1 'Bo-Bo'

built 1957-59 by YE / Clayton Equipment Co

**Engine:** Paxman 16YHXL of 800 hp

**Weight:** 68 tonnes

**Transmission:** Electric. Four BTH 137AZ Traction Motors

**Tractive Effort:** 37,500 lb

**Fuel Capacity:** 400 gallons

**Multiple Working:** Blue Star

**Train Brake:** Vacuum

**Max Speed:** 60 mph

**Route Availability:** 4

D8233 (968001) 15 G Pres ELR

## Class 17 Clayton Type 1 'Bo-Bo'

built 1962-65 by Clayton Equipment Co

**Engine:** Two Paxman 6ZHXL of 450 hp (total 900hp)

**Weight:** 35 tonnes

**Transmission:** Electric. Four GEC WT421 Traction Motors

**Tractive Effort:** 40,000 lb

**Fuel Capacity:** 500 gallons

**Multiple Working:** Red Diamond

**Train Brake:** Vacuum

**Max Speed:** 60 mph

**Route Availability:** 4

D8568 DT G Pres CPR

## Class 19 BREL / Artemis Type 1 'Bo-Bo'

built 1988 by BREL, Derby,  
converted at Bo'ness 2017-18 by Artemis from Mk3b DVT

**Engine:** JCB diesel engine powering an E-dyn 96 Digital Displacement hydraulic pump (1000bhp)

**Transmission:** Digital Displacement Motors

**Weight:**

**Tractive Effort:**

**Fuel Capacity:**

**Multiple Working:**

**Train Brake:**

**Max Speed:**

**Route Availability:**

19001 (82113) Z (BT)

## Class 20/0 EE Type 1 'Bo-Bo'

built 1957-68 by EE (VF), Newton le Willows & RSH, Darlington (d)

**Engine:** EE 8SVT of 1,000 hp

**Weight:** 73 tonnes

**Transmission:** Electric. Four EE526-8D. (t - EE526-5D) Traction Motors

**Fuel Capacity:** 380 gallons

**Multiple Working:** Blue Star

**Tractive Effort:** 42,000 lb

**Train Brake:** Air & Vacuum

**Max Speed:** 60 mph

**Route Availability:** 5

D8000	t	(20050)	NC	G	Pres	NRM
8001	t	(20001,2011)	20	G	MBDL	EOR
20007	t	(D8007)	EE	G	MOLO	MRB
20016	t	(D8016)	CD	B	Pres	CAL
20020	dt	(D8020)	SP	B	RAJV	BT
20031	dt	(D8031)	PV	TF2	Pres	KWV
20048	t	(2014,D8048)	MI	B	Pres	MRB
81	d	(20056,2012,D8056)	HN	HN2	HNRL	BSS
D8057	d	(20057)	PV	G	MOLO	CHV
D8059	d	(20302,20059)	S3	G	MBDL	CPR
2002	d	(20063,D8063)	PV	CFD	TTLS	(BAT)
82	d	(20066,D8066)	HN	TA	HNRL	HOP
D8069	d	(20069)	HN	B	Pres	(WK)
20081	d	(D8081)	CD	B	Pres	CAL
20087	d	(D8087)	HN	B	MBDL	(WK)
2017	d	(20088,D8088)	CD	RI	Pres	CAL
D8096	d	(20096)	LS	G	LSLO	BH
D8098	d	(20098)	01	G	Pres	GCR
D8107	d	(20107,H010,2013)	LS	G	LSLO	CD
D8110	d	(20110)	HN	G	Pres	(WK)
20118	d	(D8118)	HN	RF1	HNRL	BH
20121	d	(D8121)	HN	HN	HNRS	(BH)
20132		(D8132)	HN	RF1	HNRL	BH
D8137		(20137)	PV	G	MBDL	GWR
20142		(D8142)	RT	LT1	MOLO	SW
20154		(D8154)	EE	B	MBDL	GCN
20166		(2015,D8166)	HN	HN	HNRL	WEN

HERCULES

Jocelyn Feilding 1940-2020

Saltburn-by-the-Sea

Barrow Hill Depot

SIR JOHN BETJEMAN

67021	DB	BP	WAAC	CE		67026	DB	Z	WQBA	(CE)	Diamond Jubilee
67022	DB	EW	WQBA	(CE)		67027	BN	CO	COTS	RU	Charlotte
67023	BN	CO	COTS	RU	Stella	67028	DB	Z	WAAC	CE	
67024	EW	BP	WAAC	CE		67029	DB	Z	WQAB	(CE)	Royal Diamond
67025	DB	TW1	WAWC	CE		67030	r	DB	EW	WQBA	(TO)

### Class 68 Stadler/Vossloh UKLight 'Bo-Bo'

built 2014-17 by Vossloh, Valencia, Spain For DRS

**Engine:** Caterpillar C175-16 of 3,750 hp

**Weight:** 85 tonnes

**Max Speed:** 100 mph

**Tractive Effort:** 317 kN

**Fuel Capacity:** 5,000 litres

**Multiple Working:** m - AAR

**Train Brake:** Air

**Route Availability:** 7

**Transmission:** Electric. Four ABB AC Traction Motors

# - Speculative

68001	BN	D6	XHVE	KM	Evolution	68021	BN	TP	TPEX	MT	Tireless
68002	BN	D6	XHVE	KM	Intrepid	68022	BN	TP	TPEX	MT	Resolution
68003	BN	D6	XHVE	KM	Astute	68023	BN	TP	TPEX	MT	Achilles
68004	BN	D6	XHVE	KM	Rapid	68024	BN	TP	TPEX	MT	Centaur
68005	BN	D6	XHVE	KM	Defiant	68025	BN	TP	TPEX	MT	Superb
68006	BN	D6	XHVE	KM	Daring	68026	BN	TP	TPCF	MT	Enterprise
68007	BN	D6	XHVE	KM	Valiant	68027	BN	TP	TPEX	MT	Splendid
68008	m	BN	D6	XHVE	Avenger	68028	BN	TP	TPEX	MT	Lord President
68009	m	BN	D6	XHVE	Titan	68029	BN	TP	TPEX	MT	Courageous
68010	m	BN	CR2	XHCE	Oxford Flyer	68030	BN	TP	TPEX	MT	Black Douglas
68011	m	BN	CR2	XHCE		68031	BN	TP	TPEX	MT	Felix
68012	m	BN	CR2	XHCE		68032	BN	TP	TPEX	MT	Destroyer
68013	m	BN	CR2	XHCE		68033	BN	D8	XHVE	KM	
68014	m	BN	CR2	XHCE		68034	BN	D8	XHVE	KM	
68015	m	BN	CR2	XHCE		68035	#				
68016	BN	D6	XHVE	KM	Fearless	68036	#				
68017	BN	D6	XHVE	KM	Homet	68037	#				
68018	BN	D6	XHVE	KM	Vigilant	68038	#				
68019	BN	TP	TPEX	MT	Brutus	68039	#				
68020	BN	TP	TPEX	MT	Reliance	68040	#				

### Class 69 BREL / EMD Type 5 'Co-Co'

built 1976-84 by Electroputere, Craiova, Romania,  
BREL Doncaster & BREL Crewe, Converted 2019-21 by Progress Rail / EMD, Longport

**Engine:** EMD 12-710

**Weight:**

**Transmission:** Electric. Six Brush TM73-62 Traction Motors

**Tractive Effort:**

**Fuel Capacity:** 1,150 gallons

**Multiple Working:** ARR

**Train Brake:** Air

**Max Speed:**

**Route Availability:** 7

Initial Order of 10 for GBRf though identity of donors may vary # - Speculative

69001	(56031)	GB	(EL)	69009	(56060)	GB	(ZJ)
69002	(56311)	GB	(EL)	69010	(56065)	GB	(EL)
69003	(56018)	GB	(EL)	69011	#		
69004	(56069)	GB	(EL)	69012	#		
69005	(56007)	GB	(EL)	69013	#		
69006	(56128)	GB	(EL)	69014	#		
69007	(56037)	GB	(EL)	69015	#		
69008	(56038)	GB	(ZJ)	69016	#		

### Class 70/0 GEC JS37ACI 'Co-Co'

built 2009-11 by GEC, Erie, Pennsylvania for Freightliner

**Engine:** GE P616 of 3,686 hp

**Weight:** 129 tonnes

**Max Speed:** 75 mph

**Tractive Effort:** 534 kN

**Fuel Capacity:** 1,320 gallons

**Multiple Working:** GE CCA

**Train Brake:** Air

**Route Availability:** 7

**Transmission:** Electric. Six GE 5GEB30 AC Traction Motors

70001	MQ	FL3	DFGI	LD	PowerHaul	70004	MQ	FL3	DFGI	LD	
70002	MQ	FL3	DFGI	LD							The Coal Industry Society
70003	MQ	FL3	DFGI	LD		70005	MQ	FL3	DFGI	LD	

# ELECTRIC LOCOMOTIVES

## DC Electric Locomotives

**Brush / NER ES1 'Bo-Bo'** built 1904 by Brush, Loughborough for NER Newcastle Quayside  
**Supply System:** 600V DC 3rd Rail and Overhead **Weight:** 56 tons  
**Traction Motors:** Four BTH **Tractive Effort:** 25,000 lb **Multiple Working:** None  
**Train Brake:** Air **Max Speed:** 25 mph **Route Availability:** N/A

26500 (4075,6480,1) NC G Pres NRS

**Siemens / LSWR 'Bo'** built 1898 by Siemens for the City and South London Railway  
**Supply System:** 750 V DC 3rd Rail **Weight:** ?? tons **Tractive Effort:**  
**Traction Motors:** Two Siemens **Max Speed:** ?? mph **Multiple Working:** None  
**Train Brake:** **Route Availability:** N/A

75S (DS75) NC M Pres NRS

**Class 71 BR 'Bo-Bo'** built 1958-60 by BR, Doncaster  
**Supply System:** 660-750V DC 3rd Rail or Overhead **Weight:** 77 tons  
**Traction Motors:** Four EE 532A **Tractive Effort:** 43,000 lb **Max Speed:** 90 mph  
**Multiple Working:** None **Train Brake:** Air & Vacuum **Route Availability:** 6

E5001 (71001) NC U Pres NRS

**Class 73/0 BR 'Bo-Bo'** built 1960-62 by BR, Eastleigh  
**Supply System:** 600-750V DC 3rd Rail or Onboard Diesel Engine **Weight:** 76 tons  
**Engine:** EE 4SRKT of 600 hp **Multiple Working:** SR System (Blue Star on Diesel)  
**Tractive Effort:** 42,000 lb (34,100 lb on Diesel) **Traction Motors:** Four EE 542A  
**Train Brake:** Air & Vacuum **Max Speed:** 60 mph **Route Availability:** 6

73001 (73901,E6001) LSL B MBED (CD)

73002 (E6002) LSL BL Pres (ZG)

E6003 (73003) ED G Pres SCR

Sir Herbert Walker

**Class 73/1 BR / EE 'Bo-Bo'** built 1965-67 by EE (VF), Newton-le-Willows  
 Details as 73/0 except: **Traction Motors:** Four EE 546-1B **Weight:** 77 tons  
**Tractive Effort:** 40,000 lb (36,000 lb on Diesel) **Max Speed:** 90 mph **ETH Index:** 66  
**Other:** c - Scharfenberg Couplers fitted

73101 (73801,73100,E6007) GB P1 GBSD (ZG)

73107 (E6013) GB GB3 GBED SE

73109 (E6015) GB GB3 GBED SE

E6016 (73110) GB EB Priv (ZG)

73114 (E6020) NM BL NRLO (BO)

73118 c (E6024) EU EPS GPSN BIR

73119 (E6025) GB GB3 GBED SE

73128 (E6035) GB GB3 GBED SE

O.V.S. BULLIED C.B.E. 1937 CME SOUTHERN RAILWAY 1949

E6036 (73129) PV EB Pres GWR

73130 c (E6037) PV TF10 GPSN MDB

73133 (E6040) 73 G MBED ZG

73134 (E6041) GB ML1 GBBR (LB)

73136 (E6043) GB GB3 GBED SE

73138 (E6045) NR Y QADD (ZA)

73139 (E6046) GB Z GBSD (ZG)

73140 (E6047) PV NS1 Pres SPA

73141 (E6048) GB GB3 GBED SE

Charlotte

Tracy  
Battle of Britain 80th Anniversary

Borough of Eastleigh

Woking Homes 1885-1985  
Mhairi



# MISCELLANEOUS NON STEAM LOCOS

## Standard Gauge

**EE Prototype Deltic 'Co-Co'** built 1955 by EE, Preston

**Engine:** Two Napier-Deltic T18-25 of 1230kW (1650 hp) each, 1500 rpm

**Transmission:** Electric. Six EE 526A axle-hung traction motors

**Maximum Speed:** 105 mph

DP1 NC DEL Pres NRS DELTIC

**Brown Boveri Gas Turbine 'A1A-A1A'**

built 1950 by Brown Boveri for GWR(BR)

**Power Unit:** Brown Boveri gas turbine of 1828 kW (2450 hp)

**Transmission:** Electric. Four traction motors

**Maximum Speed:** 90 mph

18000 PV G Pres DRC

**North Staffordshire Railway**

built 1917

**Transmission:** Wilson four-Speed gearbox driving a rear jackshaft

**Power:** Battery Electric. 108 cells giving 61 kW (82 hp)

BEL2 NC M2 Pres NRM

**LMS**

built 1927 by Mercury Truck and Tractor Company

**Engine:** Petrol

**Transmission:** Chain Drive

1311-G PV U Pres MRB

**LNER**

built 1944

**Engine:** Ruston 4VRO of 36 kW (48 hp) Petrol

**Transmission:** Chain Drive

3 PV U Pres AJW

Monty

**Matisa / Kilmarnock RCE Workshop '4w'**

built in 1986 utilising a power unit from a C311 Ballast Cleaner, DX 76105 Kilmarnock RCE workshops for use as a depot shunter

97701 (97601) PV Y Pres RVR

**BR 0-4-0PM Carriage Traverser** (ex- Derby Carriage Works)

built 1957 by BR

**Engine:** Petrol (converted from steam then electric)

**Transmission:** Mechanical

PV CC Pres DRC

## Narrow Gauge

**Ruston & Hornsby (1m gauge)** (ex- BR Beeston Sleeper Depot)

built 1958 by Ruston & Hornsby, Lincoln

**Engine:** Ruston 4YC of 36 KW (48 hp)

**Transmission:** Mechanical chain drive

ED10 [411322] PV G Pres ING EDWARD CHARLES HAMPTON

**Ruston & Hornsby '4wDM' (1'-6" gauge)** (ex- Horwich Works)

built 1957 by Ruston & Hornsby, Lincoln

**Engine:** Ruston 2VSH of 15 KW (20 hp)

**Transmission:** Mechanical Ruston two Speed

ZM32 [416214] PV G Pres SGL HORWICH

**Ruston & Hornsby LBT '4wDM' (2' Gauge)** (ex- BR Chesterton Jct PW Depot)

built 1956-57 Ruston & Hornsby, Lincoln

**Engine:** Ruston 31.5 hp 3VSH

**Transmission:** Mechanical

**Maximum Speed:**

85049 [393325] PV Y Pres ALR | 85051 PV Y PV PS

**Motor Rail Simplex (2' Gauge)**

built 1932 as Standard Gauge by Motor Rail for Southern Railway  
Believed converted to 2ft Gauge sometime in 2005

5355 PV BU Pres TWM

# PRESERVED STEAM LOCOMOTIVES

This section includes all standard gauge Preserved Steam Locomotives in the UK plus narrow gauge above 2'-7" / 800mm and broad gauge 5' and above, except those in Northern Ireland (see **Irish Railways**). These are: First Generation designs (various gauges either before the mid 19th century or later replicas), locomotives of all gauges that were built for and / or were operated by the Big Four / former constituent companies / British Railways, 0-6-0STs, WD Austerity 2-8-0 / 2-10-0s, Fireless, Crane Tanks and Others. The latter category includes all those ex-industrial locos and those technically not preserved but operating a tourist railway, ie. Snowdon Mountain Rly. Also added for 2021 are those imported preserved large locos operated overseas. The gauge cut off point allows coverage of most large locos including the Isle of Man though not all, as below 2'-6" (the next gauge down) there are several narrow gauge railways which do operate larger locos. It is possible that all remaining narrow gauge locos from 1'-11 1/2" / 600mm will be included in the future.

The status of each loco is shown as locos are only active whilst they have a current 10 year boiler certificate and the date that this expires. Note it is possible that the certificate will not last for the 10 years due to faults being identified, however work then carried to improve its condition may lead to an extension or a fresh 10 year certificate. Knowing the boiler expiry date is particularly handy if you wish to see locos working and then plan to see those where expiry is imminent as many locos do not immediately return to steam and may become dismantled or stored for several years whilst works space / time and money can be found. Some locos have adopted the identity of a classmate eg 45407 is now 45157 or reverted back eg (34052) ^ - fictitious number, \$ - sectioned loco, R - replica

**Status Key:** boiler certificate expiry date (month/year) is shown as 09/28

A	Active (with current boiler certificate)	D	Dismantled (long term storage)
O	Under Overhaul (parts may be at various locations)	P	Plinthed
S	Stored / Static Exhibit in Museum	Pg	Playground / Park

## New Build

N	Constructed from scratch or with components from scrapped locos:1014 (7927/48518), 4709 (2861/4115/5227)
C	Constructed by conversion of a former donor loco: 2999 (4942), 9351 (5193), 84030 (78059)

Ct	Crane Tank	ST	Saddle Tank	VBCT	Vertical Boiled Crane Tank
G	Geared	T	Tank	VCG	Vertical Cylinder Geared
F	Fireless	VBT	Vertical Boiled Tank	WT	Well Tank

## First Generation

Includes all early trial and experimental locos built for the new Railway Companies, industry and subsequent replicas which are largely accurate copies though may have used modern materials to comply with modern HSE standards (R - copy of original loco, + - includes parts from original) \* participated in the 1829 Rainhill Trials

No	Name	Replica	Type	Manf	Built	Gauge	Status	Location
<b>Narrow Gauge:</b> (Recreations of the first known 1804 built steam loco by Richard Trevithick)								
		R	4wG	GKN	1990	3'	A	--/ IBB
		R	4wG	TU	1987	4'	P	HLC
	PENYDARREN	R	4wG	NMW	1981	4'-4"	P	NWM

### Narrow Gauge 4':

	FIRE QUEEN		0-4-0	AH	1848		S	PCM
--	------------	--	-------	----	------	--	---	-----

No	Name	Replica	Type	Manf	Built	Rebuilt	Status	Location
<b>Standard Gauge:</b> (originals in date order but grouped with any replicas)								
	PUFFING BILLY	R	0-4-0	OM	1906		S	GMM
	PUFFING BILLY	R	0-4-0	AK	2006		A	--/ BEM
	LYON		0-4-0	GS	1822	1857/1888	S	NRM
	LOCOMOTION		0-4-0	GS	1825		S	HSD
	LOCOMOTION	R	0-4-0	LCS	1975		S	NRS
	BILLY		0-4-0	RS	1826		S	SRM
	AGENORIA		0-4-0	FR	1829		S	NRM
	INVICTA		0-4-0	RS	1829		S	WCM
	NOVELTY *	R+	0-2-2W/T	JE&JB	1829	1929/1988	S	MSM
	ROCKET *		0-2-2	RS	1829		S	NRM

	ROCKET	R	0-2-2	RSH	1929	S	FMD
	ROCKET	R	0-2-2	RSH	1929	S	MSC
	ROCKET #	R	0-2-2	RS	1935	S	NRM
	ROCKET	R	0-2-2	LCS	1980	S	NRM
	SANS PAREIL *		0-4-0	TH	1829	S	NRS
	SANS PAREIL	R	0-4-0	BRS	1980	S	NRS
	LION		0-4-2	TKL	1838	S	MSL
25	DERWENT		0-6-0	WAK	1845	S	HSD
1868			2-2-2	CW	1845	S	LSM
	PLANET	R	0-2-2	MSM	1992	A	--/ MSM
	STEAM ELEPHANT	R	6G	BEM	2002	O	BEM
	CATCH ME WHO CAN	R	2-2-0	SVR	2008	A	--/ SVR

#### Broad Gauge 5':

	PUFFING BILLY		4wVCG	WH	1814	1827-32	S	LSM
	WYLAM DILLY		4wVCG	WH	1815		S	NMS

#### Broad Gauge 7'-0<sup>1</sup>/<sub>4</sub>" (GWR):

	TINY		0-4-0VBWT	S&B	1868		S	SDR
	NORTH STAR	R+	2-2-2	GWR	1925		S	SMS
	IRON DUKE	R	4-2-2	RR	1985		S	DRC
	FIRE FLY	R	2-2-2	FFT	2005		S	DRC

## Ex-GWR / LMS / LNER / SR / Constituents & BR

New locomotives eg. 60163 built to replace missing classes or in the case of 9351 what might have been, are also included but only once construction has started on major components. The four former War Department (WD) locos are also included that never worked in the UK prior to being repatriated and given UK identities in preservation ie. 8274, 45170, 90733 & 90775 and these are denoted by (WD) in the area code. The former operating area for each loco is listed with the exception of recent new builds. As some locos often swap between pre and post BR numbers or other company identities, all are shown where applicable. Note that some locos have adopted the identity of a long scrapped classmate and their original number / name is shown in brackets. Some locos may also temporarily masquerade as other classmates for special anniversaries / galas.

#### Narrow Gauge: (\* Corris Rly locos when taken over by GWR)

No	Date	Alt Nos	TOPS No	Type	Former Operator	Gauge	Status	Location	Name
3 *	1878	323		0-4-2ST	GWR	2'-3"	A	04/28 TLY	SIR HAYDN
4 *	1921	4047		0-4-2ST	GWR	2'-3"	A	08/21 TLY	EDWARD THOMAS
7	1923		98007	2-6-2T	GWR	1'-11 <sup>3</sup> / <sub>4</sub> "	A	10/28 VOR	OWAIN GLYNDWR
8	1923		98008	2-6-2T	GWR	1'-11 <sup>3</sup> / <sub>4</sub> "	A	--/22 VOR	LLYWELYN
822	1902	3496		0-6-0T	GWR	2'-6"	O	WLR	THE EARL
823	1902	3497		0-6-0T	GWR	2'-6"	A	--/21 WLR	COUNTESS
1213	1902	9	98009	2-6-2T	GWR	1'-11 <sup>3</sup> / <sub>4</sub> "	O	VOR	PRINCE OF WALES

#### Narrow Gauge Internal Works Locos:

No	Name	Works	Type	Manf	Built	Gauge	Status	Location
	WREN	Horwich	0-4-0T	BP	1887	1'-6"	S	NRM
	PET	Crewe	0-4-0T	LNWR	1865	1'-6"	S	NRM

#### Standard Gauge:

No	Date	Alt Nos	Wks No	Type	Former Operator	Gauge	Status	Location	Name
1	1898			0-4-4T	Met Rly	E	O	BRC	
1	1870			4-2-2	LNER		S	NRM	
1	1893			0-4-2T	SR		S	KES	GAZELLE
2	1900			0-6-0ST	GWR		S	BYD	PONTYBEREM
2	1877	110,32110		0-6-0T	SR	E1	S	IOW	YARMOUTH
2	1923	2271		0-6-2T	LMS		S	FXR	
3	1846			0-4-0	LMS		S	NRM	COPPERNOB

92212	1959		2-10-0	BR	9F	O		MHR	
92214	1959		2-10-0	BR	9F	A	06/23	GCR	LEICESTER CITY
92219	1960		2-10-0	BR	9F	S		TBY	
92220	1960	98920	2-10-0	BR	9F	S		NRM	EVENING STAR
92240	1958		2-10-0	BR	9F	S		BBR	
92245	1958		2-10-0	BR	9F	S		BIR	
C1	1942	33001	0-6-0	SR	Q1	S		NRM	
21C123	1946	34023	4-6-2	SR	West Country	S		BBR	BLACKMOOR VALE

## WD Austerity 0-6-ST: (Standard Gauge)

In preparation for D Day in WW2 it was realised that additional locos would be needed in both the UK and on the continent that could go anywhere and operate in difficult conditions so requiring ease of maintenance. The War Dept (WD) was convinced by the Hunslet Engine Co (HE) to adopt a short wheelbased 0-6-0ST which would meet the needs. Based on a Hunslet design for the iron and steel industry a new WD Austerity 0-6-0ST was produced with the design input of Robert Riddles who had moved to the Ministry of Supply (MoS) in 1939 from the LMS. He also designed the 2-8-0 and 2-10-0 Austerity tender locos. In total 377 were built for the WD from Jan 1943 to 1947. Though Hunslet Engine Co built 120, production was subcontracted to several other companies in order to meet wartime demand. These were Andrew Barclay & Sons (AB) (15), Robert Stephenson & Hawthorn (RS) (90), Vulcan Foundry (VF) (50), Hudswell Clarke & Co (HC) (50) and WG Bagnall (WB) (52). In addition 2 more locos were built for collieries.

With the end of WW2 the fleet were allocated/sold in the following way: military (90), LNER (75) classified J94, NS (Nederlandse Spoorwegen) becoming Cl.8800, Nederlandsche Staatsmijnen (11 loaned with 9 then sold) with the remainder going into industrial service in both the UK and abroad. Two survive in preservation in the Netherlands.

Additional locos were then produced after WW2 for the NCB (77), British Army (14), Scunthorpe Steelworks (8 by Yorkshire Engine Co). As a by-product of bidding, unsuccessfully as it turned out, for DFIRT in Argentina 15 locos were bought after 1959 by HE and re-built to meet smoke emission restrictions using designs by Argentinean engineer LD Porta. This involved fitting a form of Kypor ejector and chimney with underfeed stoker with a modification to the coal bunker to allow a feed to the stoker. HE then resold them with 13 going to NCB, one to preservation and one scrapped. A total of 485 locos were built between 1943 and 1964.

The WD locos that the LNER bought were represented by all the different manufacturers, with 29 in service and in store with the WD and 6 still under construction with AB. The split was AB (10), HC (14), HE (14), RSH (7), VF (14) & WGB (16). Six of the J94s were sold to the NCB after withdrawal by BR between 1963-66 of which only two are preserved 68077/78 (see Standard Gauge Locomotives). Of the remaining locos preserved the split by manufacturer is AB (3), HC (3), HE (54), RSH (8), VF (2) & WGB (7).

The locos are listed by works number, usually the most identifiable as their running numbers often change between the various WD, NCB or other numbers including fictitious BR 68xxx numbers.

\* - re-built as 0-6-0 tender loco, \$ - re-built with side tanks

First Built		Rebuilt		WD Nos	NCB No	Other Nos	Manf	Status	Location	Name
Wks No	Date	Wks No	Date							
1752	1943			75091		68067	HC	A --/27	GCR	ROBERT
1776	1944			71499			HC	O	BYE	
1782	1945			71505	118		HC	S	KWV	BRUSSELS
2183	1945			71529		15	AB	O	VBR	
2746	1944			75158		68012	WGB	O	EVR	THE DUKE
2749	1944			75161			WGB	S	CAL	
2758	1944			75170			WGB	S	CCM	
2759	1944			75171			WGB	S	CAL	
2766	1944			75178			WGB	A 10/27	BWR	
2777	1945			75254,175	7	68007	WGB	A --/21	BKR	
2779	1945			75256,1	2502/7	20	WGB	S	TFR	TANFIELD
2855	1943			75006		68081	HE	S	NVR	
2857	1943			75008			HE	A --/23	MNR	SWIFTSURE
2864	1943			75015	48		HE	O	ALN	
2868	1943	3883	1963	75019,168	9	6	HE	A --/21	MRB	LORD PHIL
2873	1943			75024		8811	HE	A --/--	SSN	
2879	1943			75030			HE	S	CAL	

9376	1947	7	4wVBT	S	O		ELS	
9387	1948		4wVBT	S	S		SHC	
9449	1926		2-2-0WT	AP	A	--/	NVR	THE BLUE CIRCLE
9535	1952		4wVBT	S	S		FXR	
9537	1952		4wVBT	S	A	08/25	BIR	SUSAN
9559	1953	4	4wVBT	S	S		TFR	
9561	1953		4wVBT	S	O		BKR	JOHN
9596	1955		4wVBT	S	O		MNR	GEORGE
9599	1956	7165	4wVBT	S	A	--/26	ELS	WILLIAM
9622	1958	1	4wVBT	S	S		PON	
9627	1957		4wVBT	S	S		BKR	RANALD
9628	1953		4wVBT	S	S		SUM	ROBIN
9629	1957		4wVBT	S	S		NRM	FRANK GALBRAITH
9631	1958		4wVBT	S	S		BKR	DENIS
9632	1957	5	4wVBT	S	O		CHA	
18386	1908	20	0-4-OST	NBL	S		P31	GARTSHERRIE No 20
24564	1939		0-6-OT	NBL	S		BRC	COVENTRY No 1

## Overseas Locomotives

### Country Key:

BEL	Belgium	FIN	Finland	HUN	Hungary	POL	Poland	TAS	Tasmania
CHI	China	FRA	France	NOR	Norway	SA	South Africa	YUG	Yugoslavia
DEN	Denmark	GRC	Greece	PAK	Pakistan	SWE	Sweden		

## USATC S160 2-8-0:

Built in the USA for use in Europe during WW2 by Baldwin Locomotive Works, American Locomotive Co and Lima Locomotive Works. Of the 2,120 built, 800 were shipped via the UK with many working for the big four companies until moved abroad. The remaining locos were exported direct to several countries in 1944/45. Of the eight S160s preserved in the UK five originally temporarily worked in the UK (#) but all have been repatriated, from China (CHI), Greece (GRC), Hungary (HUN) and Poland (POL). \$ obtained as source of parts for 1631.

No	Built	Wks No	Other Nos	Type	Manf	Country	Status	Location	Name
2253 #	1943	69496		2-8-0	BW	POL	A 08/29	DSR	OMAHA
#	1942	70284	1631	2-8-0	AL	HUN	O	GCN	
#\$	1943	69621	2364	2-8-0	BW	HUN	D	GCN	
#\$	1943	70610	2138,5592	2-8-0	AL	HUN	D	GCN	
6046	1945	72080		2-8-0	BW	HUN	A --/	CHV	
5197	1945	8856		2-8-0	LM	CHI	A --/	CHV	
3278 #	1944	71533	5782,WD701	2-8-0	AL	GRC	O	CHV	FRANKLIN D. ROOSEVELT
5820	1945	8758		2-8-0	LM	POL	A --/	KWW	

## Others:

The following locos were built (with one exception) overseas for overseas operators and only imported to the UK into preservation.

No	Built	Wks No	Other Nos	Type	Manf	Country	Status	Location	Name
<b>Narrow Gauge 1000mm:</b>									
86	1888	493		0-6-0T	CLC	FRA	S	ING	CAMBRAI
<b>Narrow Gauge 3'-6":</b>									
	1951	7430	462	4-6-2	RSH	TAS	S	TFR	
	1957	7827		4-8-2+2-8-4T	BP	SA	S	SUM	
196	1899	3819		4-8-2T	DUB	SA	S	MMR	
390	1896	4150	993	4-8-0	SS	SA	S	NRM	
2352	1930	6639		4-8-2+2-8-4T	BP	SA	S	MSM	
3007	1945	25546		4-8-2	NBL	SA	S	GRM	
3405	1953	27291		4-8-4	NBL	SA	S	BRC	

# OTHER PRESERVED & INDUSTRIAL DIESEL / ELECTRIC / BATTERY LOCOMOTIVES

This section includes the remaining Standard Gauge Preserved & Industrial Locomotives powered by Diesel, Petrol, Electric & Battery not covered in other Sections. Also included, to match the **Preserved** Steam section, narrow gauge locos above 2'-7" / 800mm and broad gauge 5' and above, except those in Northern Ireland (see **Irish Railways**).

## Status Key:

A Active	D Dismantled (long term storage)
O Under Overhaul (parts may be at various locations)	P Plinthed
S Stored / Static Exhibit in Museum	Pg Playground / Park

loco build dates omitted for clarity in **WD & Dedicated Depot Movers** (see **UK Combine Vol.1**), loco re-built where two works numbers shown separated by ~ as Manf if different

## Type Key: suffixes to wheel arrangement referring to power

BE Battery Electric	DHF Diesel Hydraulic Flameproof	PT Pannier Tank
CE Conduit Electric	DMF Diesel Mechanical Flameproof	RE Rail Electric
DER Diesel Electric Regenerative	PM Petrol Mechanical	WE Wired Electric

## Dedicated Depot Movers

# permanently coupled to flat wagon

Wks No	Date	No	Prev No	Type	Description	Manf	Stat	Loc	Nam
n/a	20xx	TMLT 03		4wBE	Mini Mover 8000-E	NQ	A	TI	
n/a	2007			4wBE	Radio Control Tug Unit	SC	A	AF	
n/a	20xx			4wBE	Radio Control Tug Unit Railcat	SET	A	HE	
n/a	20xx			4wDM	Road Railer LOK 10170	Z	A	ZD	
n/a	20xx			4wBE	Rotrac E2	ZZ	A	CT	
n/a	20xx			4wBE	Rotrac E2	ZZ	A	ML	
7	2007	TMLT 01	RBL0-030-1200	6wBE	Radio Control Tug Unit	SC	S	TI	
15	2015			4wBE	Crab 1800E Tug Unit Road Railer	Z	A	CE	
15	2015			4wBE	Crab 1800E Tug Unit Road Railer	Z	A	TO	
15	2015			4wBE		nk	A	TB	
16	2016			4wBE	Mini Mover	ES	A	SK	
17	2017	1		4wBE	Mini Mover	ZZ	A	IL	
18	2018	3		4wBE		ZZ	A	IL	
18	2018	2		4wBE		ZZ	A	IL	
18	2018			4w-4wBE		HS	A	RR	
1079	2009			4wBE	Radio Control Tug Unit Railcat	SET	A	PM	
1928	2005			4wDM	Road Railer	Z	A	TBS	
									DANNY BOY
2091	1982		2777	4wDM	Road Railer	U	S	ZN	
2111	2007			4wBE	Crab 3000E Tug Unit Road Railer	Z	A	RM	
2136	2008			4wDM	Road Railer	Z	A	TBS	
									TED
2183	1982		D6000	4wDM	Road Railer	U	S	BIR	
2254	2009			4wBE	Crab 3000E Tug Unit Road Railer	Z	A	SU	
2276	2010			4wBE	KUBO 3500E	Z	A	HE	
2412	2012			4wBE	Crab 2100E Tug Unit Road Railer	Z	A	ZR	
2455	2013			4wBE	Mini Mover 3100-E	Z	A	WM	
2484	2013			4wBE	Crab 3000E Tug Unit Road Railer	Z	A	BC	
2508	2014			4wBE	Mini Mover	NQ	A	NP	
2535	2014			4wBE	Mini Mover	Z	A	RG	
2566	2015			4wBE	Crab 2100E Tug Unit Road Railer	Z	A	IL	
2589	2016			4wBE	Crab 1500E Tug Unit Road Railer	Z	A	DR	
2590	2016			4w-4wBE	KUBO 10000E	Z	A	DR	
2591	2015			4wBE		Z	A	WM	

D21	1933	14	15	0-4-0DE	AW	A	TFR	
D22	1933	2		0-4-0DM	AW	A	TFR	
D77/DC2251	1947		11790,D99	0-4-0DM	VF/D	S	RVR	
D78/DC2252	1948	11104		0-6-0DM	VF/D	A	MAN	
D98/DC2269	1949			0-4-0DM	VF/D	S	ETV	
D100/DC2271	1949	D100		0-4-0DM	VF/D	A	MQA	ELIZABETH
D139/DC2273	1951		2	0-4-0DM	VF/D	S	DGS	TAURUS
D140/DC2274	1951		43	0-4-0DM	VF/D	S	RVR	TITAN
D293/DC2566	1955	D1995	5	0-4-0DM	VF/D	S	MWR	HEATHER
D294/DC2567	1955			0-4-0DM	VF/D	S	ALY	TEUCER
D295/DC2568	1955		9	0-4-0DM	VF/D	S	CRO	
D297/DC2583	1956	11104	11103	0-4-0DM	VF/D	S	BSM	
D577	1932			0-4-0DM	HC	S	MID	MARY
D615	1938		111144	0-6-0DM	HC	A	CHA	
D625	1942	2		0-4-0DM	HC	S	LIM	SOUTHAM
D628	1943			0-4-0DM	HC	S	RSR	MIGHTY ATOM
D629	1945			0-4-0DM	HC	S	RSR	SPARKY
D631	1946			0-4-0DM	HC	S	MID	CARROLL
D697	1950			0-4-0DM	HC	O	NIT	
D707	1950		146	0-6-0DM	HC	S	P53	
D761	1951	23		0-6-0DM	HC	A	KWV	MERLIN
D843	1954		1	0-4-0DM	HC	S	CRO	
D908	1964			0-4-0DM	EE	S	PMM	
D1012	1956	14	D4	0-4-0DM	HC	P	CDW	
D1031	1956			0-4-0DM	HC	D	RSR	
D1037	1958		36	0-6-0DM	HC	A	EMB	
D1049	1965	1	138	0-6-0DH	EE	S	MNR	
D1076	1958	4002		0-6-0DM	HC	A	ELR	ARUNDEL CASTLE
D1114	1958			0-6-0DM	HC	A	MRB	ALBERT
D1120	1966	D1120	63-000-305	0-6-0DH	EE	O	GBB	
D1121	1958		20	0-6-0DM	HC	S	MRB	MANTON
D1123	1966			0-4-0DH	EE	O	NVR	
D1124	1966	1		0-4-0DH	EE	A	FME	
D1137	1966	1137	11	0-6-0DH	EE	A	EMA	
D1153	1959	1		0-4-0DM	HC	A	MAN	ELLAND No.1
D1171	1959	D1171		0-6-0DM	HC	S	WRS	
D1193	1967	KDR 41		0-6-0DH	EE	A	KDR	
D1194	1967		R2D4	0-6-0DH	EE	S	CFB	
D1197	1967			0-6-0DH	EE	A	EKR	RICHBOROUGH CASTLE
D1199	1967	L 127		0-6-0DH	EE	S	BH	BILL
D1199	1960	E 1		0-6-0DM	HC	A	PEA	CASTLEFIELD
D1200	1967	L 149		0-6-0DH	EE	S	BH	BEN
D1201	1967	H037	L182	0-6-0DH	EE	S	CRL	
D1227	1967			0-6-0DH	EE	S	RID	
D1228	1967		10	0-6-0DH	EE	S	BH	
D1230	1967		PBA42	0-6-0DH	EE	A	CRL	KIMBERLEY
D1231	1967		RRM22	0-6-0DH	EE	S	LM	
D1232	1980	1968	3	0-6-0DH	EE-AB	A	GM	
D1233	1968	2	X7202	0-6-0DH	EE	S	BO	
D1341	1966		11079	0-4-0DH	HC	A	LB	SPRITE
D1344	1965	14	DL15	0-4-0DH	HC	A	PON	BLAENAVON No.14
D1345	1971			0-4-0DH	HC	S	GBB	
D1373	1965	45		0-6-0DH	HC	A	MID	
D1387	1967		DL16	0-4-0DH	HC	A	PON	

# MULTIPLE UNITS / RAILCARS

## Diesel / Diesel Electric / Battery

**Class 117 - Pressed Steel Suburban** built 1959-61 by Pressed Steel, Linwood, Scotland  
**Engine:** Two BUT of 150 hp **Couplers:** Screw **Max Speed:** 70 mph  
**Configuration:** DMBS\* - TC^ - DMS+ **Owner:** Swangae Railway

51356 \* G SWG SWG | 51388 + G SWG SWG | 59486 ^ G SWG SWG

**Class 121 - Pressed Steel Railcar** built 1960 by Pressed Steel, Linwood, Scotland  
**Engine:** Two BUT of 150 hp **Couplers:** Screw **Max Speed:** 70 mph  
**Configuration:** DMBS **Owner:** 55034 - Locomotive Services Ltd, 55028 - Swangae Railway

55028 G SWG SWG (977860) (960 012) | 55034 G LS CD (977828) (121 034)

**Class 139 - Parry People Mover** prototype demonstrator PPM50 \* built 2002, converted 2020  
 2008-09 by Parry People Movers, Cradley Heath **Max Speed:** 20 mph  
**Engine:** Ford DSG423 2ltr LPG Engine and Flywheel Energy Storage **Owner:** Porterbrook Leasing Co Ltd  
**Couplers:** None **Configuration:** DMBS

12 \* PP PP SVR 12 (999900) | 139 001 WM WM SJ 39001  
 139 002 WM WM SJ 39002

**Class 142/0 - BREL / Leyland 'Pacer'** built 1985-86 by BREL, Derby  
**Engine:** One Cummins LTA 10-R of 230 hp **Couplers:** BSI **Max Speed:** 75 mph  
**Configuration:** DMS - DMSL **Owner:** Angel Trains

142 003 N1 (ZG) 55544 55594 | 142 014 N1 (ZG) 55555 55605  
 142 004 N1 (HT) 55545 55595 | 142 018 N1 (HT) 55559 55609  
 142 006 AW (LE) 55547 55597 | 142 032 N1 (ZG) 55573 55623  
 142 007 N1 (ZG) 55548 55598 | 142 047 N1 (GCW) 55588 55638

**Class 142/1 - BREL / Leyland 'Pacer'** built 1986-87 by BREL, Derby  
 Details as 142/0 **Owner:** Angel Trains

142 056 N1 (ZG) 55706 55752 | 142 078 N1 (HT) 55728 55774  
 142 058 N1 (HT) 55708 55754 | 142 087 N1 (HT) 55737 55783  
 142 065 N1 (HT) 55715 55761 | 142 089 N1 (ZG) 55739 55785  
 142 068 N1 (HT) 55718 55764 | 142 090 N1 (HT) 55740 55786  
 142 070 N1 (HT) 55720 55766 | 142 094 N1 (HT) 55744 55790  
 142 071 N1 (HT) 55721 55767 | 142 095 N1 (HT) 55745 55791

**Class 143 - Barclay / Alexander 'Pacer'** built 1985-86 by Andrew Barclay  
**Engine:** One Cummins LTA 10-R of 230 hp **Couplers:** BSI **Max Speed:** 75 mph  
**Configuration:** DMS - DMSL **Owner:** Porterbrook Leasing Co Ltd except 143601/09/10/14 - TfW, 143617/6/18/6/19 - Rail Assets Investments Ltd

143 601 AW1 TW CF 55642 55667 | 143 616 AW1 TW CF 55657 55682  
 143 602 AW1 TW CF 55651 55668 | 143 617 GW (PM) 55644 55683  
 143 604 AW1 TW CF 55645 55670 | 143 618 GW (PM) 55659 55684  
 143 605 AW1 (LE) 55646 55671 | 143 619 GW (EX) 55660 55685  
 143 606 AW1 TW CF 55647 55672 | 143 620 GW (LE) 55661 55686  
 143 607 AW1 TW CF 55648 55673 | 143 621 GW (LE) 55662 55687  
 143 608 AW1 AW CF 55649 55674 | 143 622 AW1 TW CF 55663 55688  
 143 609 AW TW CF 55650 55675 | 143 623 AW1 TW CF 55664 55689  
 143 610 AW TW CF 55643 55676 | 143 624 AW1 TW CF 55665 55690  
 143 611 GW (LE) 55652 55677 | 143 625 AW1 AW CF 55666 55691  
 143 614 AW TW CF 55655 55680



# Electric / Bi-mode / Tri-mode / Hydrogen

## Class 313/1 - BREL

Supply system: 25kV, 50 Hz overhead & 750v DC 3rd Rail  
 Couplers: Tightlock

Bogies: BX1

Configuration: DMSO - PTSO - BDMSO

built 1976-77 by BREL, York

Max Speed: 75 mph

Owner: Beacon Rail Leasing

313 121 Y NR ZG 62549 71233 62613

## Class 313/2 - BREL

Supply system: 25kV, 50 Hz overhead & 750v DC 3rd Rail  
 Couplers: Tightlock

Bogies: BX1

Configuration: DMSO - PTSO - BDMSO

built 1976-77 by BREL, York. Overhauled and Renumbered 2010

Max Speed: 75 mph

Owner: Beacon Rail Leasing

313 201 BG SN BI 62529 71213 62593  
 313 202 SN1 SN BI 62530 71214 62594  
 313 203 SN1 SN BI 62531 71215 62595  
 313 204 SN1 SN BI 62532 71216 62596  
 313 205 SN1 SN BI 62533 71217 62597  
 313 206 SN1 SN BI 62534 71218 62598  
 313 207 SN1 SN BI 62535 71219 62599  
 313 208 SN1 SN BI 62536 71220 62600  
 313 209 SN1 SN BI 62537 71221 62601  
 313 210 SN1 SN BI 62538 71222 62602

313 211 SN1 SN BI 62539 71223 62603  
 313 212 SN1 SN BI 62540 71224 62604  
 313 213 SN1 SN BI 62541 71225 62605  
 313 214 SN1 SN BI 62542 71226 62606  
 313 215 SN1 SN BI 62543 71227 62607  
 313 216 SN1 SN BI 62544 71228 62608  
 313 217 SN1 SN BI 62545 71229 62609  
 313 219 SN1 SN BI 62547 71231 62611  
 313 220 SN1 SN BI 62548 71232 62612

## Class 314 - BREL Under conversion to Hydrogen power

Supply system: 25kV, 50 Hz overhead

Couplers: Tightlock

Bogies: X1

Configuration: DMSO - PTSO - DMSO

built 1979-80 by BREL, York

Max Speed: 75 mph

Owner: Angel Trains

314 209 SR (BK) 64599 71458 64600

## Class 315 - BREL

Supply system: 25kV, 50 Hz overhead

Couplers: Tightlock

Bogies: X1

Configuration: DMSO - TSO - PTSO - DMSO

built 1980-81 by BREL, York

Max Speed: 75 mph

Owner: Eversholt Rail

315 809 LO3 (ZN) 64477 71289 71397 64478  
 315 818 XR1 XR IL 64495 71298 71406 64496  
 315 819 XR1 XR IL 64497 71299 71407 64498  
 315 820 XR1 XR IL 64499 71300 71408 64500  
 315 826 XR1 XR IL 64511 71306 71414 64512  
 315 834 XR1 XR IL 64527 71314 71422 64528  
 315 837 XR1 XR IL 64533 71317 71425 64534  
 315 838 XR1 XR IL 64535 71318 71426 64536  
 315 839 XR1 XR IL 64537 71319 71427 64538

315 844 XR1 XR IL 64547 71324 71432 64548  
 315 847 XR1 XR IL 64553 71327 71435 64554  
 315 848 XR1 XR IL 64540 71328 71436 64556  
 315 851 XR1 XR IL 64561 71331 71439 64562  
 315 853 XR1 XR IL 64565 71333 71441 64566  
 315 854 XR1 XR IL 64567 71334 71442 64568  
 315 856 XR1 XR IL 64571 71336 71444 64572  
 315 857 XR1 XR IL 64573 71337 71445 64574

## Class 317/1 - BREL

Supply system: 25kV, 50 Hz overhead

Couplers: Tightlock

Bogies: BP20

Configuration: DTSSO - MSO - TCO - DTSSO

built 1981-82 by BREL, York

Max Speed: 100 mph

Owner: Angel Trains

\* DTSSO swapped with 317 503 before scrapping X denotes units to be scrapped

317 337 TL GA IL 77036 62671 71613 77084  
 317 338 TL GA IL 77037 62698 71614 77085  
 317 339 TL GA IL 77038 62699 71615 77086  
 317 340 TL GA IL 77039 62700 71616 77087  
 317 341 TL GA IL 77040 62701 71617 77088  
 317 342 TL GA IL 77041 62702 71618 77089  
 317 343 TL GA IL 77042 62703 71619 77090  
 317 344 GA GA IL 77029 62690 71620 77091  
 317 345 GA GA IL 77044 62705 71621 77092  
 Driver John Webb

317 347 GA (ZN) 77046 62707 71623 77094  
 317 348 TL GA IL 77047 62708 71624 77095  
 Richard A Jenner  
 317 501 GA GA IL 77024 62661 71577 77048  
 317 502 GA GA IL 77001 62662 71578 77049  
 317 504 GA GA IL 77003 62664 71580 77051  
 317 505 GA (EY) 77004 62665 71581 77052  
 317 506 GA GA IL 77005 62666 71582 77053  
 317 507 GA GA IL 77006 62667 71583 77054  
 University of Cambridge 800 Years 1209-2009  
 317 508 GA GA IL 77010 62697 71587 77058

**Class 802/3 - Hitachi AT300 Bi-Mode 'Paragon'**

built 2019-20 by AnsaldoBreda (Hitachi), Italy

**Supply system:** 25 KV Overhead and Diesel Engine**Engine:** MTU 12V 1600 R80L (940 hp)**Bogies:** Hitachi**Couplers:** Dellner 10**Max Speed:** 125 mph**Configuration:** PDTS - MS - MS - MC -PDTF**Owner:** Angel Trains

802 301	HT	HT	DR	831301	832301	833301	834301	835301
802 302	HT	HT	DR	831302	832302	833302	834302	835302
802 303	HT	HT	DR	831303	832303	833303	834303	835303
802 304	HT	HT	DR	831304	832304	833304	834304	835304
802 305	HT	HT	DR	831305	832305	833305	834305	835305

**Class 803/0 - Hitachi AT300 Bi-Mode**

built 2020-21 by AnsaldoBreda (Hitachi), Italy

**Supply system:** 25 KV Overhead and Diesel Engine**Engine:** MTU 12V 1600 R80L (940 hp)**Bogies:** Hitachi**Couplers:** Dellner 10**Max Speed:** 125 mph**Configuration:** PDTS - MS - MS - MS -PDTF**Owner:** Beacon Rail

On order for First Group open access ECML service, due into service 2021

803 001				840001	842001	843001	844001	845001
803 002				840002	842002	843002	844002	845002
803 003				840003	842003	843003	844003	845003
803 004				840004	842004	843004	844004	845004
803 005				840005	842005	843005	844005	845005

**Class 805 - Hitachi AT300 Bi-Mode**

built 2020-21 by Hitachi, Kasado, Japan &amp; Newton Aycliffe

**Supply system:** 25 KV Overhead and Diesel Engine**Engine:** MTU 12V 1600 R80L (940 hp)**Bogies:** Hitachi**Couplers:** Dellner 10**Max Speed:** 125 mph**Configuration:** PDTS - MS - MS - MS -PDTF**Owner:** Rock Rail

On order for AWC, due into service 2022

805 001				861001	862001	863001	864001	865001
805 002				861002	862002	863002	864002	865002
805 003				861003	862003	863003	864003	865003
805 004				861004	862004	863004	864004	865004
805 005				861005	862005	863005	864005	865005
805 006				861006	862006	863006	864006	865006
805 007				861007	862007	863007	864007	865007
805 008				861008	862008	863008	864008	865008
805 009				861009	862009	863009	864009	865009
805 010				861010	862010	863010	864010	865010
805 011				861011	862011	863011	864011	865011
805 012				861012	862012	863012	864012	865012
805 013				861013	862013	863013	864013	865013

**Class 807 - Hitachi AT300 Bi-Mode**

built 2020-21 by Hitachi, Kasado, Japan &amp; Newton Aycliffe

**Supply system:** 25 KV Overhead and Diesel Engine**Engine:** MTU 12V 1600 R80L (940 hp)**Bogies:** Hitachi**Couplers:** Dellner 10**Max Speed:** 125 mph**Configuration:** PDTS - MS - MS - TS - MS - MC - PDTF**Owner:** Rock Rail

On order for AWC, due into service 2022

807 001				871001	872001	873001	874001	875001	876001	877001
807 002				871002	872002	873002	874002	875002	876002	877002
807 003				871003	872003	873003	874003	875003	876003	877003
807 004				871004	872004	873004	874004	875004	876004	877004
807 005				871005	872005	873005	874005	875005	876005	877005
807 006				871006	872006	873006	874006	875006	876006	877006
807 007				871007	872007	873007	874007	875007	876007	877007
807 008				871008	872008	873008	874008	875008	876008	877008
807 009				871009	872009	873009	874009	875009	876009	877009
807 010				871010	872010	873010	874010	875010	876010	877010

# PRESERVED UNITS

## Steam Railmotor + Trailer

<b>GWR Railmotor</b>		93 built 1908, 92 built 1912 by GWR, Swindon, rebuilt 2011 & 2013 DRC			
93	(212,079014)	DRC		92	DRC

## Diesel Multiple Units (DMUs) / Railcars: First Generation

<b>NER Petrol-Electric Autocar</b>		built 1903 by North Eastern Railway, York, restored 2019 GCR			
<b>Engine:</b> Cummings Diesel (originally Napier of 85 hp then Wolsey of 92 hp then war surplus 6 cylinder engine of 225hp)					
<b>Max Speed:</b> 36 mph			<b>Configuration:</b> Autocar		

3170 EMB

<b>GWR / Park Royal</b>		built 1934 by Park Royal Vehicles, London			
<b>Engine:</b> Two AEC of 130 hp		<b>Max Speed:</b> 45 mph		<b>Configuration:</b> Railcar	

4 (W4W) RC NRM

<b>Great Western Railway</b>		built 1940 by GWR, Swindon			
<b>Engine:</b> Two AEC of 105 hp		<b>Max Speed:</b> 70 mph		<b>Configuration:</b> Railcar	

20 (W20W) RC KES | 22 (W22W) RC DRC

<b>Drewry OHL Inspection Car</b>		built 1950 by Baguley, Burton-on-Trent,			
<b>Engine:</b>		<b>Max Speed:</b> 23 mph		<b>Configuration:</b> Railcar	

998901 MID Drewry Car |

<b>Wickham Track Recording Car</b>		built 1958 by Wickham, & Co Ware			
<b>Engine:</b>		<b>Max Speed:</b>		<b>Configuration:</b> Railcar	

999507 LAV Laboratory 20 |

<b>Class 100 - GRCW</b>		built 1956-58 by GRCW, Gloucester			
<b>Engine:</b> Two BUT of 150hp		<b>Max Speed:</b> 70 mph		<b>Configuration:</b> DMBS - DTCL	

51118 DMBS MRB | 56097 DTC MRB | 56301 DTC MNR |

<b>Class 101 - Metropolitan-Cammell</b>		built 1957-60 by Met-Cam, Birmingham			
<b>Engine:</b> Two BUT of 150hp		<b>Max Speed:</b> 75 mph		<b>Configuration:</b> DMBS/DMC - TC - DTC	

50160	(53160)	DMC	NYM	51213		DMBS	EAR
50164	(53164)	DMBS	NYM	51226		DMBS	MNR
50170	(53170)	DMC	EVR	51228		DMBS	NNR
50193	(977898,53193) 960992	DMC	GCR	51427	(977899) 960993	DMBS	GCR
50203	(977897,53203) 960992	DMBS	GCR	51434		DMBS	MNR
50204	(53204)	DMBS	NYM			MATTHEW SMITH 1974-2002	
50253	(53253)	DMBS	EVR	51499		DMC	MNR
50256	(53256)	DMBS	WEN	51503		DMC	MNR
50266	(53266)	DMC	GCR	51505		DMC	EVR
50321	(977900,53321) 960993	DMS	GCR	51511		DMC	NYM
50746	(53746)	DMC	WEN	51512		DMC	CRL
51187		DMBS	CRL	51803		DMC	KWV
51188		DMBS	NNR	54055	(56055)	DTC	CRL
51189		DMBS	KWV	54342	(56342)	DTC	GCR
51192		DMBS	NNR	54347	(56347)	DTC	MNR
51205		DMBS	CRL	54356	(6300,56356)	DTC	GCN
51210		DMBS	WEN	56062	(54062)	DTC	NNR

**Derby Lightweight - Railcar**

Engine: Two BUT of 150 hp

Max Speed: 62 mph

built 1956 by BR, Derby  
Configuration: DMBS

79900 (975010) DMBS EVR

**Waggon und Maschinenbau - Railcar**

Engine: Buessing of 150 hp (# AEC of 150 hp)

Max Speed: 55 mph

built 1958 by Waggon und Maschinenbau, Germany  
Configuration: RB

79960 RB RSR | 79962 RB KWV | 79963 RB EAR | 79964 # RB KWV

**AC Cars - Railcar**

Engine: AEC of 150 hp

Max Speed: 55 mph

built 1958 by AC Cars, Thames Ditton  
Configuration: RB

79976 RB BO | 79978 RB SCR |

**GNR (Ireland) - Railcar (3' gauge)**

built 1949 by Walker Bros

19 RB IOM | 20 RB IOM |

**Diesel Multiple Units (DMUs) / Railcars: Second Generation****Class 140 - BREL / Leyland Prototype**

Engine: Two Leyland of 200 hp

Max Speed: 75 mph

built 1980 by BREL, Derby  
Configuration: DMS - DMSL

140 001 55500 55501 KDR |

**Class 141 BREL / Leyland**

Engine: Two Leyland of 200 hp

Max Speed: 75 mph

built 1984 by Leyland  
Configuration: DMS - DMSL

141 108 55508 55528 (ZG) | 141 113 55513 55533 MRB |

**Class 142/0 - BREL / Leyland 'Pacer'**

Engine: One Cummins LTA 10-R of 230 hp

Max Speed: 75 mph

built 1985-86 by BREL, Derby  
Configuration: DMS - DMSL

142 001	55542	55592	NRS	142 023	55564	55614	PVR	142 035	55576	55626	WEN
142 011	55552	55602	MRB	142 027	55568	55618	CHA	142 036	55577	55627	EKR
142 013	55554	55604	MRB	142 028	55569	55619	WEN	142 038	55579	55629	MNR
142 017	55558	55608	EKR	142 029	55570	55620	CHA	142 041	55582	55632	WEN
142 019	55560	55610	WRH	142 030	55571	55621	CHA	142 043	55584	55634	ET9
142 020	55561	55611	WRH	142 033	55574	55624	ET5	142 045	55586	55638	KMS

**Class 142/1 - BREL / Leyland 'Pacer'**

Details as 142/0 except

Engine: # One Perkins 2006-TWH of 230hp

built 1985-86 by BREL, Derby

142 055	55705	55751	FXR	142 061	55711	55757	MNR	142 091	55741	55787	RSM
142 060	55710	55756	WEN	142 084 #	55734	55780	RSM				

**Class 143 - Barclay / Alexander 'Pacer'**

Engine: One Cummins LTA 10-R of 230 hp

Couplers: BSI

built 1985-86 by Andrew Barclay  
Max Speed: 75 mph

Configuration: DMS - DMSL

143 603 55658 55669 (PM) for VBR | 143 612 55653 55678 (WI) for VBR

**Class 144 - Barclay / Alexander 'Pacer'**

Engine: One Cummins LTA 10-R of 230 hp

Couplers: BSI

built 1986-87 by Andrew Barclay  
Max Speed: 75 mph

Configuration: DMS - (MS) - DMSL

Owner: Porterbrook Leasing Co Ltd

144 001	55801	55824	ET10	144 009	55809	55832	ET8	
144 003	55803	55826	GCN	144 010	55810	55833	WEA	
144 004	55804	55827	ALN	144 011	55811	55834	KWV	
144 006	55806	55829	CRO	144 013	55813	55836	TSR	
144 007	55807	55830	CRO	144 014	55814	55850	55837	TM
144 008		55831	CDM	144 016	55816	55852	55839	ALN

60122	205023,1123	DMBS	LAV	60810	205205,205101,1111	DTC	EOR
60124	205025,1125	DMBS	MHR	60820	205008,1121	DTC	LAV
60146	205028,1128	DMBS	DMR	60822	205023,1123	DTC	SCR
60150	205032,1132	DMBS	DMR	60824	205025,1125	DTC	MHR
60151	205033,1133	DMBS	LAV	60827	205028,1128	DTC	DMR
60658	205009,1109	TS	EDV	60828	205029,1129	DTC	LAV
60669	205023,1123	TS	SCR	60831	205032,1132	DTC	DMR
60673	205028,1128	TS	DMR	60832	205033,1133	DTC	LAV
60677	205032,1132	TS	DMR	977939	(60145) 930301	DMBS	SLR
60800	205001,1101	DTC	EKR	977940	(60149) 930301	DMBS	SLR
60808	205009,1109	DTC	EDV				

### Class 207 - Sussex 2/3-Car (2D/3D)

built 1962 by BR, Eastleigh

**Engine:** One EE 4SRKT of 500 hp  
**Configuration:** DMBSO - TSL - DTS

**Transmission:** Two EE 507 Traction Motors

**Max Speed:** 75 mph

60127	207203,207002	DMBS	SCR	60616	207017,1317	TSL	SPA
60130	207202,207005	DMBS	ELR	60904	207202,207005	DTS	ELR
60142	207017,1317	DMBS	SPA	60916	207017,1317	DTS	SPA

## Electric Multiple Units (EMUs)

### Class 302 - BR 'AM2'

built 1958-60 by BR, Doncaster and York

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** MBS - TCL - DTSO

**Number Range:** 302201-312 (201-312)**Configuration:** BDTSOL

75033	302201	DTSO	MAN	75250	302277	DTSO	MAN
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### Class 303 - Pressed Steel 'AM3'

built 1959-60 by Pressed Steel, Linwood

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** DTSO - MBSO - BDTSO

**Number Range:** 303001-91

61503	303023	MBSO	BT	75613	303013	BDTSO	ET3
75597	303032	DTSO	BT	75632	303032	BDTSO	BT

### Class 306 - Met-Cam / BRCW 'AM6'

built 1948-49 by Met-Cam and BRCW, Birmingham

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** DMSO - TBSO - DTSO

**Number Range:** 306001-92

Originally built as 1500V DC, converted to AC in 1960-61

65217	306017	DMSO	NRS	65617	306017	DTSO	NRS
65417	306017	TBSO	NRS				

### Class 307 - BR 'AM7'

built 1954-56 by BR, Eastleigh

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** DTBSO - MSO - TSOL - DTCOL

**Number Range:** 307101-132 (101-132)

Originally built as 1500V DC, converted to AC in 1960-62

75023	307123	DTBSO	CVR	95301	(94301,75102) 307102	DTCOL	ALN
75120	(94320) 307120)	DTCOL	MNR				

### Class 308 - BR 'AM8'

built 1960-61 by BR, York

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** BDTCO - MBSO - TSO - DTSO

**Number Range:** 308133-65

75881	308136	BDTSO	CVR				
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### Class 309 - BR 'AM9'

built 1962-63 by BR, York

**Supply system:** 25kV, 50 Hz overhead  
**Configuration:** BDTC - MBSO - TSO - DTSO

**Number Range:** 309601-08, 611-18, 621-27

71758	(5058) 309623	TSO	CS	977962	(75642) 960101, 309616	DTC	TAN
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# TRAM, LIGHT RAIL & METRO SYSTEMS

## Blackpool & Fleetwood Tramway

The vehicles are split between three fleets, 'A' (Flexity 2) based at Starr Gate Depot, 'B' & 'C' (heritage) based at Rigby Road Depot. The B & C fleets are partially or fully exempt respectively from the Rail Vehicle Accessibility Regulations (RVAR) s - stored / under repair

### 'A' Fleet

**Bombardier 'Flexity 2'** (5 sections) built 2011-12 (001-016), 2017 (017-018) by Bombardier, Germany

001	006	011	016
002 Alderman E.E. Wynne	007 Alan Whitbread	012	017
003	008	013	018
004	009	014	
005	010	015	

### 'B' Fleet

**Double Deck 'Balloon'** (Diamond Pantograph) built 1934-35 by English Electric  
707/709/718 & 724 rebuilt late 1990s early 2000s with flat ends and large destination boxes.

All modified with wider centre doors.

700 (237)	713 (250)	720 s (257)
707 s (244)	718 (255)	724 s (261)
709 s (246)	719 (256)	
711 (248) Ray Roberts	DONNA'S DREAM HOUSE	

### 'C' Fleet

**Double Deck Standard Cars** (Trolley Pantograph) built 1924

143	147	MICHAEL AIREY
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**Single Deck Open Boat** (Trolley Pantograph) built 1934 by English Electric

227 s (602)	600 (225)	DUCHESS OF CORNWALL
230 s (604) GEORGE FORMBY OBE		

**Single Deck Railcoach** (Diamond Pantograph) built 1937 by Brush, \* 1935 by English Electric

259 s	279* s	621	625 s	631 (294)	632 s	634 s
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**Single Deck Coronation Cars** (Trolley Pantograph) built 1952-53

304 s	660 s	663 s				
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**Single Deck Centenary Cars** (Diamond Pantograph) built 1986-90

642 s	645 s	648 (651)				
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**Single Deck Progress Twin Cars** built 1935 by English Electric (Towing Car) & 1960-61 by Metro-Cammell rebuilt 1958-62

272 s (672)	+ T2 s (682)	675 s (275)	+ 685 s (T5)
671 s (271)	+ 681 s	676 s (276)	+ 686 s (T6)

**Double Deck 'Balloon'** (Diamond Pantograph) built 1934 by English Electric  
706 is Open Top with Trolley Pantograph

701 (238)	706 s (243) PRINCESS ALICE	717 (254) WALTER LUFF
703 s	708 s	723 (260)
704 s (241)	715 (252)	726 s

# UNDERGROUND SYSTEMS

## Glasgow Subway

all based at Broomloan Depot unless shown otherwise, s - stored

### 4 Car Units built 2018-20 by Stadler, Germany

001	003	005	007	009	011	012	013	014	015	016	017
002	004	006	008	010							

### Driving Power Cars built 1977-79 by Metro-Cammell, refurbished 1993-95 by ABB Derby

101	104	107	110	113	116	119	122	s	125	128	131
102	105	108	111	114	117	120	123		126	129	132
103	106	109	112	115	118	121	124		127	130	133

### Intermediate Trailers built 1992 by Hunslet-Barclay, Kilmarnock

201	202	203	204	205	206	207	208				
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### 4wBE Locomotive built 1977 by Clayton Equipment

L2	s	[B0965B]		LOBEY DOSSER	L6	[B4477A]
L3	s	[B0965A]		FRANK BAJIN	L7	[B4477B]

### 4wBE Locomotive built 1925 by J Fowler, rebuilt 1927 by Wingrove & Rogers

[583]		GRM				
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### 4wBE Locomotive built 1992 by Hunslet

P89	[9157]					
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### 4wBE Locomotive built 1979 by Noord Nederlandsche Machinefabrik

[78101E]						
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### 4wBE Locomotive (converted to PW vehicle) built 1974 by Clayton Equipment

W5	[B0186]					
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### Depot Vehicles built 2018 by Zephir, Italy

[2766]		Mini Mover				
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### Preserved Stock

#### Trailer Car (\* part body only) built 1896 by Oldbury

1	GRC				4 *	GRM
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#### Trailer Car (\* part body only) built 1896 by Hurst Nelson, Motherwell

39	GRM				41 *	GRC
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#### Driving Motor Car built 1901 by Oldbury, rebuilt 1935

55	BKR					
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# London Underground

## Bakerloo Line - 1972 MkI and MkII Tube Stock

### 4-car A End Units (DM A Leading - Trailer - Trailer - DM D Middle) + De-Icing

3231	4231	4331	3331	3243	4243	4343	3343	3256	4256+	4356	3356
3232	4232	4332	3332	3244	4244	4344	3344	3258	4258+	4358	3358
3233	4233	4333	3333	3245	4245	4345	3345	3259	4259+	4359	3359
3234	4234	4334	3334	3246	4246	4346	3346	3260	4260+	4360	3360
3235	4235	4335	3335	3247	4247	4347	3347	3261	4261+	4361	3361
3236	4236	4336	3336	3248	4248	4348	3348	3262	4262+	4362	3362
3237	4237	4337	3337	3250	4250	4350	3350	3263	4263+	4363	3363
3238	4238	4338	3338	3251	4251	4351	3351	3264	4264	4364	3364
3239	4239	4339	3339	3252	4252+	4352	3352	3265	4265	4365	3365
3240	4240	4340	3340	3253	4253+	4353	3353	3266	4266	4366	3366
3241	4241	4341	3341	3254	4254+	4354	3354	3267	4267	4367	3367
3242	4242	4342	3342	3255	4255+	4355	3355	3299	4299	4399	3399

### 3-car D End Units (UNDM A Middle - Trailer - DM D Leading)

3431	4531	3531	3441	4541	3541	3450	4550	3550	3459	4559	3559
3432	4532	3532	3442	4542	3542	3451	4551	3551	3460	4560	3560
3433	4533	3533	3443	4543	3543	3452	4552	3552	3461	4561	3561
3434	4534	3534	3444	4544	3544	3453	4553	3553	3462	4562	3562
3435	4535	3535	3445	4545	3545	3454	4554	3554	3463	4563	3563
3436	4536	3536	3446	4546	3546	3455	4555	3555	3464	4564	3564
3437	4537	3537	3447	4547	3547	3456	4556	3556	3465	4565	3565
3438	4538	3538	3448	4548	3548	3457	4557	3557	3466	4566	3566
3440	4540	3540	3449	4549	3549	3458	4558	3558	3467	4567	3567

## Central Line - 1992 Tube Stock

### 2-car A - B Units (DM A Car - NDM B Car)

91001	92001	91049	92049	91097	92097	91145	92145	91193	92193	91241	92241
91003	92003	91051	92051	91099	92099	91147	92147	91195	92195	91243	92243
91005	92005	91053	92053	91101	92101	91149	92149	91197	92197	91245	92245
91007	92007	91055	92055	91103	92103	91151	92151	91199	92199	91247	92247
91009	92009	91057	92057	91105	92105	91153	92153	91201	92201	91249	92249
91011	92011	91059	92059	91107	92107	91155	92155	91203	92203	91251	92251
91013	92013	91061	92061	91109	92109	91157	92157	91205	92205	91253	92253
91015	92015	91063	92063	91111	92111	91159	92159	91207	92207	91255	92255
91017	92017	91065	92065	91113	92113	91161	92161	91209	92209	91257	92257
91019	92019	91067	92067	91115	92115	91163	92163	91211	92211	91259	92259
91021	92021	91069	92069	91117	92117	91165	92165	91213	92213	91261	92261
91023	92023	91071	92071	91119	92119	91167	92167	91215	92215	91263	92263
91025	92025	91073	92073	91121	92121	91169	92169	91217	92217	91265	92265
91027	92027	91075	92075	91123	92123	91171	92171	91219	92219	91267	92267
91029	92029	91077	92077	91125	92125	91173	92173	91221	92221	91269	92269
91031	92031	91079	92079	91127	92127	91175	92175	91223	92223	91271	92271
91033	92033	91081	92081	91129	92129	91177	92177	91225	92225	91273	92273
91035	92035	91083	92083	91131	92131	91179	92179	91227	92227	91275	92275
91037	92037	91085	92085	91133	92133	91181	92181	91229	92229	91277	92277
91039	92039	91087	92087	91135	92135	91183	92183	91231	92231	91279	92279
91041	92041	91089	92089	91137	92137	91185	92185	91233	92233	91281	92281
91043	92043	91091	92091	91139	92139	91187	92187	91235	92235	91283	92283
91045	92045	91093	92093	91141	92141	91189	92189	91237	92237	91285	92285
91047	92047	91095	92095	91143	92143	91191	92191	91239	92239	91287	92287