

Queensland Goods Wagons

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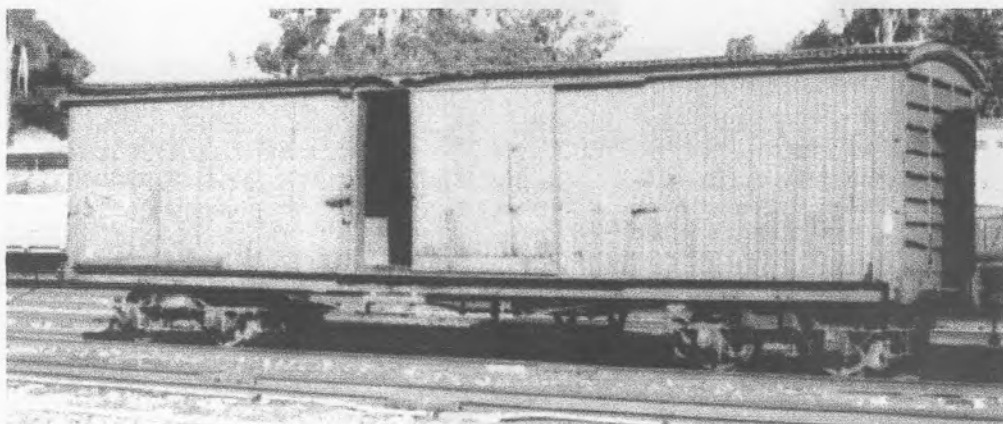
Most railway system around the world had a means to identify their vehicles. When Queensland Railways commenced operations in 1865 a simple description of the vehicle type was used in the Southern and Western System, i.e. open wagon. As the fleet expanded into larger 6 and 8 wheeled wagons, they were identified as small, medium and large. At the time most wagons had a 5 ton axle loading. 6 wheeled wagons were introduced in 1866 to supplement the smaller 4 wheeled wagons. In order to negotiate the sharp curves on the system, they were fitted with the Adams' radial axle boxes. This system proved to be somewhat troublesome and in 1877 the Clark's System was introduced. The remaining Adams' radial wagons were converted to the newly invented Cleminson's radial system between 1878 and 1881.

Most other rail systems within the state followed the above sample until about 1885 when the Great Northern Railway went for an alphabetical classification system. In about 1890 the GNR wagon classification system was adopted for the whole system.

The 1890 Commissioner's Report indicated the follow classification system

Type of Wagon	4 wheels	6 wheels	8 wheels
Covered (Box) Wagon	A	B	C
High Side Open Goods Wagon	D	E	
Open Goods Wagons	F	G	H
Cattle Wagon	I	J	K
Sheep Van	L	M	N
Platform Wagon		O	P
Timber Wagon	Q	R	S
Ballast Wagon	T		U
Hopper Wagon	V		
Rail Wagon	W	X	Y
Horse Box	Z	(after 1911)	

This system didn't cover all types of wagons, e.g. ice wagons, dump wagon, water wagons.



"C" Class Covered Wagon.

With the introduction of new/larger wagons or as wagons were modified to carry different freight, a second letter was added around 1895. This was again altered in 1907 with the reversing of some wagon classification.

In 1910 shorter six-wheeled wagons were converted to four-wheel Grover's bogies. The longer wagons were converted to eight wheeled bogie wagons. All six wheeled wagons had been converted by 1914. Some six wheeled wagons converted to 4 wheeled wagons keep their six wheel classification and were identified by adding the letter "G" to the classification. i.e. BG.

The following table identifies some letters used to reflect new or modified wagons.

Letter	Modification	Letter	Modification
B	Butter Straight air (Engine) Brake fitted Guard's Compartment fitted (Brake) Ballast Pallitised / Board Loading	S	Steel construction Short Side Transfer Sand Sugar
C	Cheese (box wagons) Copper Cement Cane Container Callide traffic	M	Motor Cars Malt Molasses Meat Moveable (hopper VJM) Modification
E	Recoded from "X" in 1964 10 t axle load.	T	Transition coupling Tallow
F	Fruit (box wagons) Fertilizer Fast Freight Flour	A	Wagon fitter with modified bogies suitable for Fast Freight. Also used for temporary mods. Aluminium.
W	Water Wooden floor in Steel wagons W "W" type triples fitted to wagon	L	Lime Louvered Long Locomotive assist
J	8 t axle load	I	Insulated / Ice
R	Refrigeration Equip Rails	N	Nickel Nitrogen
O	63 t gross 15.75 axle load	G	Grover Bogie Grain
P	Suitable for Passenger Trains Grain Containers	Y	12 t axle load

As time progressed, up to 5 letters have been used to identify wagon types.



"T" Plough Wagon Mackay 1967.

During the time of rollingstock shortages, some wagons were modified to other wagons. i.e. CH, "H" class open wagon converted to "C" class box wagon.

The following example shows some modifications made to the "F" class four wheeled open wagons.

Class	Wagon
F	4 wheeled open wagon.
FF	4 wheeled open wagon with increased capacity.
FS	4 wheeled open wagon over 4t tare. (A marshalling requirement)
FJ	4 wheeled open wagon, 8 ton (16 t gross).
FJS	4 wheeled open wagon (Steel Construction).
FJST	4 wheeled open wagon (Steel Construction), Auto coupling with Transition coupling.
FWS	4 wheeled open wagon (Steel Construction) with wooden floor.
FJO	4 wheeled open wagon (Steel Construction) with oil tanks.
FJB	4 wheeled open wagon (Steel Construction) for Palletized / Board Loading.
FJSG	4 wheeled open wagon (Steel Construction) fitted with grade control (Mt Morgan Tfc)
FJC	4 wheeled open wagon (Steel Construction) with bulk cement bins
FJL	4 wheeled open wagon (Steel Construction) with lime bins
FJSL	4 wheeled open wagon (Steel Construction) with lime bins (Bradford Kendall)
FJT	4 wheeled open wagon (Steel Construction) with Tallow Tanks
FJSS	4 wheeled open wagon (Steel Construction) for sleeper traffic.
FJE	4 wheeled open wagon (Steel Construction) for sleeper traffic electrified area.
FJW	4 wheeled open wagon (Steel Construction) for wheel (rail) traffic.
FSS	4 wheeled open wagon (Steel Construction) for sand traffic.
FSC	4 wheeled open wagon (Steel Construction) for containers.
FRC	4 wheeled open wagon (Steel Construction) for container traffic.
CFJS	4 wheeled open wagon (Steel Construction) for chopped cane bins.

In 1956 with the introduction of the BLC Box Wagon the classification system started going haywire. I think the class should have been the reverse CLB.

In the early sixties (1963), the Railways of Australia introduce a standard classification for all railway systems. The first letter identified the owner "Q" for Queensland. The second letter identified the type of wagon. "G" Grain, "F" Flat, "L" Louvred. If the wagon was suitable for bogie exchange, an "X" was added classification. Thus the following classifications were adopted around the time.

Class	Wagon
QLX	Queensland Louvred Van suitable for bogie exchange.
QFX	Queensland Flat Van suitable for bogie exchange.
QGX	Queensland Grain Wagon suitable for bogie exchange.

Every few QR wagons went interstate due to other rail systems not have wagons suitable for the QR network. One exception was the Victorian VLX box wagon.

The QR classification already had commenced using the suffixed "X" to identify a vehicle with a 10 t axle load. Wagons with this classification were altered to "E". Some wagons affected by this new coding were, WHE, VTE, ODE, OCE, etc

January 1970, Queensland Railways entered a new era, first time ever all trains were hauled by diesel traction. However, the wagon fleet was far from being as modern as the locomotive fleet. It still contained many four wheeled and timber wagons. Since the mix sixties, most wagons built were of steel construction and were 8 wheeled bogie vehicles. A year or so earlier, many wagons fitted with ride control bodies were given Express Freight (80 Km/h) status.

Some bogie wooden wagons, mainly stock wagons (KA, NA) were fitted similar bogies to speed up transit times.

Early 1970, the classification code turned yet another corner, some letters not in use were given new life.

Code	Type of Wagon
G	Gondola
B	Bogie Container Wagon

Letters were also added to front of the classification to identify new traffic.

Code	Type of Traffic	Examples
E	Explosives	EA, EC, ECMI
C	Cane	CFJS (Sarina chopped cane)
M	Maintenance (late 1980's)	MFJS, MALY,

As the years rolled along, so did management styles. About 1993, the one QR was split in 7 business groups with various sections within these groups running trains. Wagons were allocated to the various groups, other were divided between the groups. In order to address the confusion, some wagons were reclassified. The following table may assist in identify the Business Group/Section which owned which wagons during this era.

New Class	Business Group
PHOB HWAB, HSAB	T.L.M.
HWA0, HSA0 HEAC, HSAC	Freight Operations
HWA1, HSA1 HWAf, HSAf ITS WHA, WHATS	Freight Infrastructure Converted from HSA
WFA, HSAG	Primary Industries
HSAN	Citytrain Infrastructure
HSAH	Heritage Division
HSAM, HWAM	Coal & Minerals Infrastructure
WHAC	Coal & Minerals Operations

All HWA and HSA wagons that have not been re-stencilled remain for Express Freight and Q-Link traffic only.

Also during this period, wagons built/converted for Infrastructure use the letter "I" to identify the vehicle. e.i. IROA/IROB (*Rail Wagons*) IBJX (*Plough*)

During the mid 1990's QR was taking on a new era in freight operations. The North Coast Line and the Mt Isa lines were being upgraded to allow 100 Km/h running for freight services and increased axle loading. To which the followed some new classifications are being used to identify rollingstock.

Letter	Wagon Type
B	Flat Wagon over 17.5 metres Three (3) slot container wagon. BCZY, BAZY, BEZY, BGZY, BAOY.
P	Two (2) slot container wagon. PCZY, PAZY, PRZY, PJZY.
U	Alternate letter for "O" (63 tonnes gross) BAUY, PCUY,
X	80 Km/h rollingstock
Y	100 Km/h rollingstock
Z	80 t gross vehicle
A	Automatic twistlocks.
Q	Quick drop doors

i.e. BAZY, Flat Wagon over 17.5 metres (three) slot container wagon fitted with automatic twistlocks, can be loaded to a max. gross of 80 t and may travel at 100 Km/h.

In 2004, QRNational commenced running interstate services to Sydney and Melbourne. In 2005 a number of BEZY class wagons were converted to standard gauge and given National classifications. QQAY. Q - Queensland, Q - container wagon, A - first wagon in the series, Y - 115 Km/h running. Also in 2003 approx. 45 VAKM wagons were converted to standard gauge and reclassified QHBF.

In 2004 the QR Network saw a new Railway Operator in Pacific National Queensland. They build new wagons for their services to Mackay, Townsville and Cairns. These new wagons were 3 pack articulated containers wagons.

Wagon Class	Configuration	Tare/Unit	Length/Unit
RNAY	3 x 48' frames	35.15	46.28
RNBY	2 x 48' end frames 1 x 40' centre frame	33.55	43.85
RNCY	3 x 40' frames	30.83	39.05

The Commissioners Report dated 30th of June 1960, showed the following wagons were on the main network (S.D. - C.D. - N.D.) at that time.

Description of Vehicle	Class	No.
4 wheeled covered goods wagon	A	25
4 wheeled covered goods wagon insulated for butter (Ice)	AB	15
4 wheeled covered goods wagon insulated for butter (Ice) Grovers	ABG	90
4 wheeled covered goods wagon insulated for cheese (Ice) Grovers	ABGX	7
4 wheeled covered goods wagon insulated for fruit & meat (Ice) Grovers	ABGF	4
4 wheeled covered goods wagon (Grovers)	AG	154
4 wheeled covered louvered goods wagon (Grovers)	ALG	691
4 wheeled covered louvered goods wagon	ALJ	194
8 wheeled covered steel louvered goods wagon 40 ton gross Available for Passenger trains	BLC	200
8 wheeled covered louvered goods wagon 20 ton gross	C	118
8 wheeled covered louvered goods wagon 32 ton gross	CJ	52
8 wheeled covered louvered goods wagon with compartment for Guard	CB	14
8 wheeled covered louvered goods wagon with compartment for Guard	CCB	10
8 wheeled covered steel louvered goods wagon 32 ton gross	CLC	41
8 wheeled covered louvered goods wagon for fruit. 20 ton gross	CLF	318
8 wheeled covered louvered goods wagon for fruit. 32 ton gross	CJF	294
8 wheeled covered louvered goods wagon for fruit. 32 ton gross Available for Passenger trains	CJFP	82
8 wheeled Insulated wagon for frozen meat	CM	37
8 wheeled Insulated wagon (Ice) for Ice cream, milk etc	CR	7
8 wheeled Insulated wagon (Ice) for cheese/butter	CMC	5
8 wheeled Insulated wagon (Ice) for butter	CMB	43
8 wheeled Insulated wagon (Ice) for frozen meat	CMI	89
8 wheeled Insulated wagon (Ice) for fish	CFI	3
8 wheeled Insulated wagon (Ice) for fruit	CMIF	4
8 wheeled Insulated steel wagon (Ice) for frozen meat	CMIS	112
8 wheeled Insulated wagon (Ice) for perishables	CMR	8
4 wheeled high-sided goods wagon	DF	148
4 wheeled low-sided goods wagon 10 tons gross (133 with double doors)	F	1676
4 wheeled low-sided goods wagon Tare over 4 t. (43 with double doors)	FS	120
4 wheeled wagon fitted with tanks for crude oil	FO	2
4 wheeled wagon for cane	FC	86
4 wheeled low-sided goods wagon 16 tons gross	FF	414
4 wheeled covered cement wagons	FFC	25
Description of Vehicle	Class	No.
4 wheeled platform wagon	FFP	2
4 wheeled low-sided goods wagon Grovers	FG	1,624
4 wheeled low-sided goods wagon Grovers and for carrying cars	FGM	161
4 wheeled low-sided goods wagon 16 tons gross	FJ	121

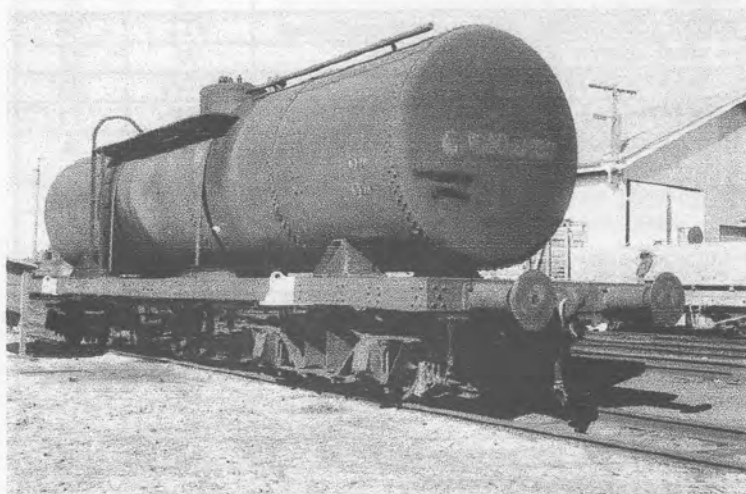
4 wheeled low-sided steel goods wagon 16 tons gross	FJS	4,380
4 wheeled low-sided goods wagon 16 tons and for carrying cars	FJM	47
4 wheeled low-sided goods wagon 10 tons and for carrying cars	FM	142
4 wheeled steel goods wagon fitted with M.S. tanks for tallow	FJT	4
4 wheeled platform wagon Grovers	FGP	27
8 wheeled low-sided goods wagon 20 tons gross	H	1,766
8 wheeled low-sided goods wagon 32 tons gross (60 are 32' long & have 3' 6" sides, Nos between 6909 – 7005) (61 painted grey for Mt Isa Tfc) (52 fitted with molasses tanks)	HJ	746
8 wheeled cane wagons	HC	38
8 wheeled covered goods wagons	CH	185
8 wheeled covered goods wagon with compartment for guard	CHB	20
8 wheeled low-sided steel goods wagon 34 tons gross	HJS	995
8 wheeled low-sided goods wagon 7' 6" wide	UHJ	49
8 wheeled low-sided steel goods wagon 32 tons gross	HS	54
8 wheeled low-sided steel goods wagon 32 tons gross	HVS	44
4 wheeled cattle wagon	IC	193
4 wheeled elephant wagon	EIC	11
4 wheeled covered goods wagon	AIC	3
4 wheeled cattle wagon Grovers	ICG	5
8 wheeled cattle wagon	K	1,056
8 wheeled cattle wagon (Steel underframe)	KS	100
8 wheeled cattle wagon	HK	57
8 wheeled cattle wagon with guard's and drover's compartment	KB	1
8 wheeled cattle wagon with guard's and drover's compartment	KKB	106
4 wheeled sheep wagon (70 sheep)	L	178
4 wheeled sheep wagon (92 sheep)	LJ	50
4 wheeled sheep / pig wagon Grovers	MG	127
8 wheeled sheep wagon	N	260
8 wheeled sheep wagon with compartment for guard & drover	NB	18
8 wheeled sheep wagon (Northern Division Only)	NM	9
8 wheeled oil tank wagon (5,000 gals)	OR	4
8 wheeled platform wagon (20 Tons gross)	P	4
8 wheeled platform wagon (30 Tons gross)	PJ	2
8 wheeled well wagon (32 Tons gross)	PJM	1
12 wheeled well wagon (54 Tons gross) steel	PJW	1
8 wheeled platform wagon (32 Tons gross) steel underframe	PT	2
8 wheeled high-sides goods wagon 3' 6" sides steel underframe	PTH	3
16 wheeled drop centre (well) wagon – steel – roller bearings axles	PWZ	1
8 Wheeled flat top wagon – steel – roller bearings axles	PX	10
4 wheeled timber wagon – Grovers – (10 tons gross)	QG	11
8 wheeled timber wagon 20 tons gross (includes 5 fitted with molasses tanks)	S	1,222
8 wheeled timber wagon 32 tons gross (includes 16 fitted with molasses tanks)	SJ	43
8 wheeled timber wagon 32 tons gross 42' long	SR	71
4 wheeled timber wagon – Grovers – (16 tons gross)	SG	12
4 wheeled low-sided ballast wagon (93 have raised sides, 44 plough)	T	366
4 wheeled cane wagons	TC	69
8 wheeled low-sided ballast wagon (5 fitted with molasses tanks)	U	75
8 wheeled convertible ballast /platform wagon	UR	129
4 wheeled hopper wagon – wooden – movable body – 10 tons	V	790
4 wheeled hopper wagon – wooden – movable body – 16 tons	VR	749
4 wheeled hopper wagon – wooden – fixed body – 16 tons	VJ	523

Description of Vehicle	Class	No.
4 wheeled cane wagons	VC	19
4 wheeled hopper wagon – movable body – 16 tons	VJM	2513
2,281 all steel, 53 all wooden, 179 wooden body with steel underframe		
4 wheeled bulk cement wagon (Converted from steel VJM)	VJC	19
4 wheeled bulk lime wagon (Converted from steel VJM)	VJL	12
4 wheeled hopper wagon – steel- movable body – for concentrates	GVJM	196
4 wheeled hopper wagon – wooden – fixed body (raised tops)	VO	9
8 wheeled hopper wagon - fixed body (15 are steel Nos 7175 – 7192)	VH	56
4 wheeled hopper ballast wagon – wooden – fixed body (raised top)	VT	1
4 wheeled cane wagons	VTC	34
4 wheeled hopper ballast wagon – wooden – fixed body	VTH	236
4 wheeled hopper ballast wagon – steel – fixed body	VTS	691
4 wheeled hopper ballast wagon	TS	8
4 wheeled hopper ballast wagon – fixed steel body – wooden und'frames	VTT	15
8 wheeled platform wagon – steel –with 4' side and end rails	W	12
8 wheeled platform wagon – steel –with on side or end rails	MTW	398
8 wheeled sheep wagons (steel underframe)	NW	11
8 wheeled sheep wagons (steel underframe) with compartment for Guard & Drover	NWB	9
8 wheeled high-sided wagon 3'6" side & ends 38½ tones gross – all steel	WH	200
8 wheeled high-sided wagon 4' side & ends 44tones gross – all steel- roller bearing	WHX	254
8 wheeled timber wagon – 40' steel frame	WR	120
8 wheeled wagon truck (3,750 gallons) Available for Passenger Trains	WW	15
8 wheeled wagon truck (3,750 gallons) for Garratt. Available for Passenger Trains	GWW	15
8 wheeled oil tank wagon 5,000 gallons (converted water tank)	OWX	3
8 wheeled cattle wagon	YK	11
4 wheeled horse box – 3 stall	Z	1
8 wheeled horse box – 6 stall – electric light- available for passenger train	ZZ	1
Sleeping wagons for workers (219 – 8 wheeled, 15 – 4 wheeled)		234
Water Trucks Classes TW, SW, FW, SW, SJW, UW. (27 – 8 wheeled, 36 – 4 wheeled)		63
Water Truck FG Class	FGW	180
Break-down wagons (44 – 8 wheeled, 2 – 4 wheeled)		46
Wagons for testing weighbridges (S.D. – 1923/3453, C.D – 10145, N.D. – 7433)		4
Wagons for poisoning weeds and grass (3 plants of 2 wagons) (1 Plant of 3 wagons)		9
Wagons fitted with saw bench		5
Concrete mixer (portable)		1
Runners – ZR, ZXR, ZGR, ZXGR		38
Runners (15 – 4 wheelers, 2 – 8 wheelers)		17



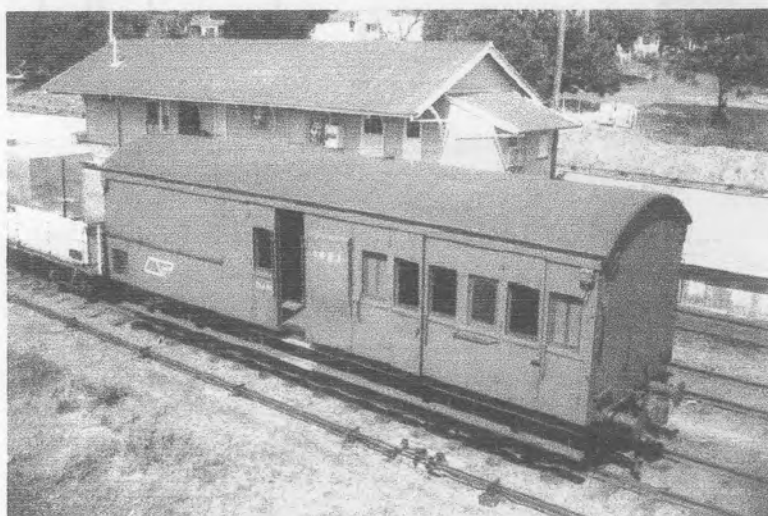
Privately Owner Rollingstock

Company	Wagons		
Vacuum Oil Company	61 - OV	9 - OVX	
The Shell Company of Australia	103 - OB		3 - OBY
Caltex Limited	36 - OT		9 - OTY
B.P. Aust. Limited	61 - OC	11 - OCX	
Purr Pull Oil Pty. Ltd & H.C. Sleigh Ltd.	15 - OP	2 - OPX	
Colonial Sugar Refining Coy.	6 - OS		
Atlantic Union Oil Coy.	26 - OA		
Ampol Petroleum (Qld) Pty. Ltd	4 - OL	14 - OLX	
Copper Refineries Pty. Ltd. Townsville		1 - ODX	
Queensland Oil Refineries Pty. Ltd.	3 - OQ	3 - OQX	



Guard's Vans

Type of Van	Nos
First Class	7
Composite	169
Second Class	216
Goods Brake Vans	119
Mail Vans (Wooden)	23
Mail Vans (Wooden, Insulated)	6



Queensland Goods Wagons

The following table provides information on the newer wagons. This may help in era of vehicle, running numbers and bogie type.

Year	Class	Numbers	Type	Bogie
1948	FJS		4 wheeled Open Wagon (Steel)	
1950	HJS	22639 - 23238	8 wheeled Open Wagon (Steel)	Bar Frame
1952		25567- 25896		QR 4
1954		29400 -29499		QR 4
1950	GVJM		4 wheeled hopper wagon (Mt Isa)	
1950	VJM		4 wheeled hopper wagon	
1951	CMIS		8 wheeled Refrigerated Wagon	
1954	PJW	30700	Drop Centre Wagon	
1956	WHX	31308 - 31607	8 wheeled Bulk Wheat Wagon (WHE 64)	QR 9
1957	KS	31142-31241	Steel framed Cattle Wagon (KSA in 72)	QR 3
1961	KS	31819-31918		QR 7
1965	KSA	32793-32892		QR 17
1973		36788-36887		QR 20 A
1974		37260-37359		QR 20 A
1978	HJS	40268	Eight Open Wagon x CMIS frame	Bar Frame
1955	WH	29500 – 29699	8 wheeled Bulk Wheat Wagon	QR 17
1955	CLC	30801-30841	Eight Wheel Louvred Box Wagon	QR 2
1956	BLC	30942-31141	Eight Wheel Louvred Box Wagon	QR 2
1956	CMIS	30892-30937	8 wheeled Refrigerated Wagon	QR 12
1957		30938-30941 31242-31276		
		31277-31291	All to CMR's except 31288. Youngtown Doors	
1959	CMR	31289-31291	Refrigerated Wagon converted CMIS	
1959	PE	31609-31618	8 wheeled Platform Wagon	QR 11
1962	WHO	31919 – 32318	8 wheeled High sided Steel Open Wagon	QR 15
1963	HS		Eight Open Wagon	Diamond Frame
1963	CO	32319 - 32368	Steel Box Wagon	
1963	QLX	32369 – 32668	Steel Louvred Wagon (CLX in late 1980)	QR 16
1969		34274 – 34323		QR 22 A
1970		34324 – 34423		QR 16 A
1971		34767 – 34866		QR 16 A
1972		35270 – 35369		QR 16 A
1973		36339 – 36438		QR 16 A
1973		36888 - 36978		QR 16 A
1974		37002 - 37101		QR 16 A
1975		37954 - 38103		QR 22 C
1976		38455 - 38554		QR 16 A
1976		39081 - 39130		QR 36
1977		39252 - 39310		QR 36
1977		39430 - 39479		QR 16 A
1964/67	ALY	32693-32792 33469-33768	Four Wheel Louvred Box Wagon	
1964	VO	32902-33001	8 wheeled Coal Wagon	QR 19
1965		33269-33468		
1965	QFX	33008 – 33107	8 wheeled Platform Wagon	QR 18
1965	HSA	33119-33268	Eight Open Wagon	QR 20
1971		34667 - 34766		QR 20 A
1967	VAO	33905-33981	8 wheeled Aluminium Coal Wagon	QR 21
1968		33982-34261		QR 21/23
1970		34506 – 34615		QR 29
1971		35210 – 35265		QR 29 A
1972		35970 – 36149	(1973) 36150 – 36269	QR 29 A

Year	Class	Numbers	Type	Bogie
1967	HJC		8 Wheeled Bulk Cement Wagons	x HJS
1968	PF	34269	8 wheeled Bulk Commodities Wagon	
1970	VGY	33769	8 wheeled Aluminium Grain Wagon	QR 22 A
1970	PCS		8 w, Side transfer Container Wagons	X HJS
1967	QGK	33780-33829	8 wheeled Aluminium Grain Wagon	QR 22
1968		33830-33904		QR 16A
1972		34617-34666		QR 16A
1973		36626-36675		QR 16A
1974		37220-37259		QR 16A
1976		39131-39180		QR 36
1980		40973-41022		QR 16A
1984	QGA	43580-43629		QR 36A
1985		44947-44996		QR 36A
1968	HJM	25777,25883	8 Wheeled Bulk Malt Wagons	x HJS
1969	PCC		8 W Bulk Cement/Copper Anode Wagon	xHJS QR 4/41
1969	PC		37' Container Wagon (Transiflats)x HJS	QR 4
1968	QFC	34424 – 34438	8 w Platform / Container wagon	QR 27
1971		35660 – 35809		QR 18 A
1973		36676 – 36725		QR 18 A
1975		37897 – 37353		QR 27 A
1976		38555 – 38654		QR 27 A
1970	ALYT	35104-35203	Four Wheel Louvred Box Wagon	
1970	G	34867 – 35096	8w Aluminium Gondola Wagon	QR 30
1972		35370 – 35659		QR 29 A
1974		37362 – 37618		QR 30
1971	FJW	27841	4 wheeled wheel set wagon	X FJS
1971-79	QGK/C		Loading hatch modification. (Temp class)	
1971	PYCM	30 wagons	PYC modified for Mackay Sugar	
1972	HWA	35820 - 35969	8 w Steel Open wagon with wooden floor	QR 20A
1972		36726 - 36775		QR 20 A
1980		41036 – 41135	QR 24A/17/17A/20A.	
1973	QR		Rail Wagons x QFC, 2 nd Set in 1983 x QFX	
1973	GN	36439 - 36615	8 w steel Gondola wagon (Nickel ore)	QR 31
1973	HO	37102 – 37201	8 w High side Steel Open wagon (timber /steel floor)	QR 27 A
1974		38104 – 38178		
1975		38655 - 38729		
1974	KL	38187-38286	Two Compartment Cattle Wagon	QR 32
1977		39305-39429		
1978		39652-39751		
1974	PWZ	31608	Drop Centre Wagon	
1974	VAH	37669 - 37878	Aluminium Coal Hopper	QR 29 A
1975		38288 - 38402		QR 30
1976		39181 - 39200		QR 29 A
1974	PYC	37619 – 37668	Platform/Container Wagon	QR 32
1975		38405 – 38454	PYCM Mackay Sugar Tfc	QR 32
1976		39025 – 39074	Some PYCM reclassified to PYCC	QR 34
1977		39202 - 39251		QR 34
1975	ORO	37360-37361	Tank Wagon	QR 22A
1975	KLS	38285-38286	Sliding door in central partition	
1975	HOF	50 wagons	HO wagons modified for Fertilizer	
1975	GNF	10 wagons	GN temporary mod for Fertilizer	
1975	PWZT	38287	Drop Centre Wagon	QR 33
1975	SMW	39010	40' Motor Car Wagon	
1975	SMC	39011-39013	24' Motor Car Wagon	
1976	VJS	50 wagons	VJM converted to Mineral Sands (M'boro)	

Queensland Goods Wagons

Year	Class	Numbers	Type	Bogie
1976	GO	38730-38999	Phosphate Ore Tfc Mt Isa Line	QR 30
1976	MTWC		MTW modified to carry 1x20' Container	
1976	QGXM		QGX modified for Bulk Malt	
1976	TGVH		Wider doors to Goods Compartment	
1976	GVJD	100 Wagons	VJD Coal wagons converted to Grain	
1977	HWO	39480-39604	Open goods wagon	QR 37
1977	R	39605-39634	Refrigeration Wagon 1991-2 some converted to RCF	QR 38
1977	PWE	39303 - 39304	4 wheel Drop centre Wagon	
1977	KWA	39752-39801	Cattle wagons built on MTW frames tps	QR 20A
1978		40218-40267	Cattle wagons built on MTW frames Tve	Bar Frame
1979	GH	39802-40127	Aluminium Gondola	QR 30
1979	SD	40213-40217	Side Dump Wagon	QR 38
1983		43480 - 43487		
1979	PCE		Container Wagon, CLC underframe	QR 2
1978	B	40128-40132	Skeletal Container	QR 37
1978	CLO	40135-40184	Louvred box wagon	QR 39
1978	PYCL		PYC modified for transiflat, (high-lift t'lock)	
1978	PCY	32479/32538	Container Wagon (QLX underframe)	
1978	TLV	1825-1854	Train crew & passenger Vans	
1978	MO	40196-40210	Molasses	QR 33
1979	MO	40731-40750	Molasses	QR 33
1979	MTWG	17 Wagons	MTW's fitted with grain capsules	
1979	WO	40185-40194	Water Wagons	QR 33
1979	PCL		Container Wagon (BLC underframes)	
1979	QPX	33063/78	Pozzolan Cement Containers. X QFX	
1979	VAJ	40271-40520	Coal Wagon 71 Tonnes	QR 30
1981		40849-40949	2000 some fitted with Quick Drop Doors VAJQ	
1979	VBO	40811-40840	Ballast Hoppers	2R29A
1982		42359 - 42387 43533 - 43538		
1980	PCCL	25544 - 25549	8 w Bulk Cement/Copper Anode Wagon x CMIS frames	QR 12
1980	VAK	40621-40730 41136-41190 41567 - 41626 41677 - 41707 41953 - 41977	Coal Wagon (Auscopac Brake Gear)	QR 29 A QR 30
1980	BR	40761-40810	Skeletal Container	QR 37
1980	QFP		Bulk Cement Wagon (Converted QFX)	
1980	ORL	41196	QR Oil tank. CMIS underframe	QR 20A
1980	BRM	41627-41676 42764-42793 43150-43181	Skeletal Container	QR 37
1980	TDV	1885-1900	TGV vans for Drivers	
1980	MS M ML	SMC & SMS SML SMW	Wagons up to 9.5 metres long Between 9.5 mts and 12 mts Over 12 mts long	
1980	FSS	27947,26694	4 wheeled Sand Wagon Pneumatic	X FJS
1981	VALJ	41702-41827	Coal Wagons 73 tonnes	QR 29 A
1981	VAM	41978-42358	Coal Wagons 71 tonnes 2000 converted to VMMQ	QR 29 A QR 30
1981	VALK	41828-41952	Coal Wagon 73 tonnes	QR 30
1981	VAG	42763	73 t Aluminium Hopper	QR 30
1981	WFO	32223/32302	Palletised Loading (Converted from WHO's)	

Year	Class	Numbers	Type	Bogie
1982	TCWA	1-3	Traincrew Camp Wagon x TLV's	
1982	VAL	42388-42762	Coal Wagon 71 tonnes	QR 42
1983		43513 – 43532		QR 42 A
1982	WOS	30 Wagons	Concrete Sleeper Wagon x WHO	QR 15
1982	WRB	35 Wagons	Rail Wagons converted MTW	
1982	PFC		ISO Container Wagon (Fertilizer) x HJS	
1983	QFQ		Bulk Cement Wagons (Converted QFX/C)	
1983	FJB	27498,29233	4 wheeled Pine Board Tfc	X FJS
1983	PB		83/87 Particle Board (Converted BLC)	
1983	VAOS		VAO converted for Sugar Tfc	
	VAOG		VAO converted for Grain Tfc	
			1993 steel doors fitted to Roof	
1983	BMM	43488-43507	Skeletal Container (Mayne Nickless)	QR 38
1984	BM	43539 – 43578		
1985		44847 – 44946		
1983	VASO	41200-41321	Aluminium Bottom Discharge Sugar	
1983	FJSS	100 wagons	Stencilled "Treated Sleeper Traffic Only. Koppers – Takura.	
1983	HOS	30 wagons	HO/HOF modified for Concrete sleepers	
1983	PM	31118/31087	Molasses Tank (BLC frames)	
1983	DDM	43579	Double Deck Motor Car Wagon	QR 34
1984		43630 – 43641		QR 32
1983	HBC	31102/36322/3	Palletised Bag Cement (BLC frames)	QR 2
1983	VLL	43182 – 43475	73 t Aluminium Hopper	
1983	VAZ	42794 – 43149	80 t Coal Wagons	QR 43
1984		43655 – 43704		
		43705 – 43754		QR 44
1984	PCW	43650/5355	1984/88 Water Wagon (CMIS frames)	
1984	PST	30990	8 wheeled Sand Wagon x BLC	
1984	PR	31057/76/114	8 Wheeled Runner (BLC frames)	
1984	DM	44837 – 44846	Motor Car Wagons (Single deck)	QR 6 A
1985	QLP	37035	Power/Storage Wagon (Converted QLX) 1991- 32581/32582 (Power Trains)	
1986	PST	44998-44999	8 wheeled Sand Wagon x BLC	
1986	PT	25588	Container/Transformer Wagon	
1986	WSE	45352 – 45361	Water Tank (BLC frames)	QR 2
1986	HOQ	37125/147/166	Bulk Cement Wagon (HO frames)	QR 27A
1986	PCO	45250 – 45349	Container Wagon (carry 48t)	QR 38
1987	HOA	97 wagons	Palletised Loading (Converted HO)	
1988	QCA	100 wagons	Container Wagon (x QFC) steel deck	
1988	PHO		Platform Wagon (Converted HO)	
1988	PTM		Molasses Tank (HJS Frames)	
1988	PJS		Container Wagon (HJS Frames)	
1988	WCC	31526/14/89	Bulk Cement Wagon. (Converted WHE)	
1988	QSC		Curtain Sided (Converted QLX)	
1988	WSO		High sided steel open wagon (conv WHO) WSOC used to carry copper anodes.	QR 48
1989	WM		Molasses Tanks (MTW u'frames)	
1989	PM		Molasses Tanks (BLC u'frames)	
1989	PSC		Sheep Container Wagon (WHE u'frames)	
1989	VAHS		Steel covered alum Hopper for grain (VAH)	
1989	MTS		Flat Wagon (MTW with steel floor) MTSF Fast Freight. MTSC Containers	
1989	VSNB	45372 – 45603	90 t Coal Wagon	QR 49 A

Queensland Goods Wagons

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Year	Class	Numbers	Type	Bogie
1989	FJE		4 Wheeled Sleeper Wagon (FJS)	
1989	QPC		Pozzolan Cement Bulk Cement (conv QFC)	
1990	PWH		Flat Top Wagon (Pineapples) x WHE's	QR 9
1990	PWA		Flat Top Wagon (Pineapples) x WHA's	QR 17 A
1990	PO		8 wheeled 63t Platform Wagon x CLO	QR 39
1990	HMM		8 wheeled Magnetite Wagon x HJS	QR 4
1990	HSM		8 wheeled Magnetite Wagon x HSA	QR 20
1991	QFS		Container / Motor Vehicle Wagon x QFC	
1991	PRM	45863 - 45870	Flat top / Motor Vehicle Wagon xBBV	
1991	CCH		Prairie Wagon x WHO's	
1991	PHY	45842 - 45862	Mineral Concentrate Wagon Recl PHZ 00	
1992	PCBY		Bitumen Container Wagon (PCOY)	
1993	OWO		WO with modified outlets for Molasses	
1993	VBOL/S	45716 - 45726 45891 - 45950 46252 - 46303	Tandem Ballast Hoppers	QR 29A QR 30
1993	IROA/B		Rail Wagons carry 27 m rails x HO/PHO	
1993	HOE	20 wagons	HO converted for BHP Tfc	
1993	VSNI/S	45604 - 45613 45952 - 46551 46827 - 48867	90t Coal Wagon	QR 49 QR 49 A
1993	VSHL VSHS	45869 - 47268	100 t Tandem Coal Wagons VSHL lead wagon, odd Nos. VSHS Slave wagon, even Nos <i>Reclassified VHLQ/VHSQ (QD Door in 99)</i>	QR 53
1993	PCYK		Container Cattle Wagon x QLX	
1993	QZS		Sleeper / Container wagon (Conv QLX)	
1993	VAOW		Woodchip Wagon x VAO	
1993	PCZY	46304 - 46353 46784 - 46813 48000 - 48099 48225 - 48291	Container Wagon 13900 mm long 14700 mm long	QR 54 QR 54 A QR 54 B
1994	QLCP		Curtain Side (Small Freight) (Conv QLX)	
1994	BCZY	46414 - 46513 46714 - 46783	Container Wagon 18324 mm long	QR 54 A
1994	DRPY	44845	Car Carrying/Ramp Wagon	QR 6A
1994	WHEU	31607/31557	Redbank W'shops - T'ville Tfc.	
1994/7	IBJX	2 wagons	Ballast Plough x WHE	
1994	VMO	32938 - 33467 33315 - 33460 32905 - 33454	Molasses Wagon x VO's	QR 19 QR 23 QR 23
1995	FCZY	46814 - 46815	4 w. Container Wagon (reduced deck)	
1995	KWJX	34274 - 34866 35270 - 38103 38455 - 39479	Cattle Wagon QLX u'frames, KWA Superstructures	QR 16/22
1995	PCUY		PCO upgrade 100 Km/h PCUM Mackay Sugar Tfc	
1995	BAUY		BR/BM wagon upgrade 100 Km/h Can carry 16' Containers	
1996	KLEX		KL with steel walls	QR 32
1996/7 1997/8	VSHL/S	45869 - 47058 47069 - 47268	100 t Tandem Coal Wagon	QR 53
1996	PRZY	48110- 48199	Container Wagons for Power Containers Bar coupled into 3 wagon sets	QR 54
1997	VLH	47369 - 47394	Limestone Wagon	QR 53 A

Year	Class	Numbers	Type	Bogie
1998	GSZY	47319 – 47368 48392 – 48481	Mineral Ore Concentrate Wagons GSZZ Zinc Tfc, GSZC Copper Tfc GSZYB Independent Brakes	QR 55
1998	VNL/S	45604 – 45613 45952 – 46251 46358 – 46413 46514 – 46713 46826 – 46867	90 t Tandem Coal Wagon VNSQ /VNSQB VNLQ / VNLQB (2000)	QR 49
1998	VSAL/S	49000 – 49499 49500 – 50199 50200 – 50549 50550 – 50769	104t Tandem Coal Wagons	QR 56
1998	VSO	47553	Close Coupled Coal Wagon	QR 60
1998	GCOM		Converted GO reclassified GAZ in 99	
1999	BAOY		BR/BM wagon upgrade 100 Km/h	
1999	PFU		Platform Wagons for steel Tfc x QFX/C	
1999	CSOY	32319 - 32328	Cover Wagons, CO's used on Acid Train	
1999	DDMC		Double Deck Motor Car Wagon Mod sides	
1999	BAZY	47269 – 47318 47329 47515 – 47552	18342mm long Container Wagon (3 Slots)	QR 54
2000	VGH		VAH Coal wagons converted to Grain	
2000	VGK		VAK Coal wagons converted to Grain	
2000	VFMQ		VAM converted to Fertilizer Tfc Mt Isa	
2000	QPSY		Power Wagon x QPS (ML upgrade)	
2000	VNQB	45372 – 45603	90 t Coal Wagon (VSNB's with Q.D.Doors)	QR 49
2000	VBZL/S		Tandem Ballast Hoppers 80 t gross	
2000	BEZY	47554 - 47852	18342mm long Container Wagon (3 Slots)	QR 59
2000	BGZY	47853	18342mm long Container Wagon Wire side	
2000	PJZY	45616 - 45715	PCUY upgraded to 80 t	QR 59
2001	KOJX		Cattle Container & Wagon x QLX	QR 16/22
2001	KLEK		KLEX with centre wall removed	
2001	KLEH		KLEX with centre partition relocated adjacent to door on one end (Hospital)	
2003	VEAL/S	51856 - 51904	106 t Tandem Coal Wagons (Electric Brakes)	QR 56 C
2003	VCAL/S	51586 – 51619 51621 – 51625 51906 – 52355	106 t Tandem Coal Wagons	QR 56
2005				QR 65
2005	VBZLR		VBZL/S with Radio controlled doors	
2005	QHAH	51634 - 51855	120 t Standard Gauge Coal Wagon	
2006	VAMQ		VAM's converted of SEQ coal trains	
2006	DSOP	43180 - 43181	Motorail Wagon (Converted BAUY)	

Freight Wagons converted to Passenger Vehicles

MPR 1754 was used on the Westlander from 1965 until the derailment near Roma in 1987. This "one off" vehicle was converted from a CMIS 30899. The vehicle was added to the train in Toowoomba and convey perishable loading. From Charleville it became part of the air condition "Flying Flea" to Quilpie, doubling up as a power car.

May 80. Two TLV Guard's Van (1853, 1854) were painted in A.C. colours and reclassified as MTV.

April 83. Air-Condition Trains – Daylight Rail Tours.

Two PYC wagons (38436, 37653) were equipped with QRPC power containers and electrical control cubicles with extension to both power and air lines. The freight couplings were modified to connect to A.C. Cars. Both the container and wagon had been repainted to suit the usual A.C. train colours. The wagons were reclassified PYCR's.

Similarly, two TGV Guard's Vans were modified, the spare crew compartment was converted to a baggage compartment, underframe water tanks added, freight coupling modified to allow coupling to A.C. Car. Likewise, these vans were painted in A.C. Train colours. The vehicles were reclassified MBV 1783 and 1813.

April 84. Four Q LX wagons (37042, 39459, 39442, 32515) were modified for use on the Capricornian Service. The modifications included the removal of internal battens, addition of sidelights for trailing and repainted in white and blue colours to conform with AC consists. The first two were introduced into service on 3361 on 12th April 1984. Wagons were to be given priority in returning to Brisbane on Express Freight Services.

PC 29460 was fitted with power container QRPC 2142 and reclassified PCR for use on the Westlander connection to Quilpie. This vehicle replaced the MPR damaged in a derailment.

DSOP "Motorail Cars built in April 2006 by Townsville Shop for Travel Trains Services were build on BCUY frames.

Tank Wagons

Most Tank Wagons (Bombs) were privately owned. Letter "O" identified it was a tank. The second letter identified the owner. The following table provides a list of owners over the years.

Letter	Company	Letter	Company
A	Esso / Atlantic (1961)	K	Road Surfaces Pty Ltd
B	Shell / Neptune Oil Co	L	Ampol
C	BP. COR (1959)	M	Mt Isa Mines OMY Acid (1974)
D	Copper Refineries / ACF Shirley	P	Golden Fleece. Purr Pull Oil Co
E	Phillips 66.	Q	Qld Oil Refineries. Boral
F	Emoleum	R	QGR
G	Toowoomba Compressed Yeast Co	S	Colonial Sugar Refining Co
H	Amoco	T	Caltex
J	Total	V	Mobil (1962) Vacuum

LPG Gas Tankers. Gas Supply Co.

LPY, 1, 2, 3, 6, 7, 8, 9,

LPO. 4, 5, 10, 11, 12, 14, 15

Ammonia Minenco LAO 1

Other letters from the general classification were added to indicated construction type and gross weight.

Class	Tank	Class	Tank
OC	32 tons Gross	OCY	48 tons gross
OCA	Modified with Fast Freight Bogies	OCO	63 tons gross
OCE	40 tons gross	OCAO	Aluminium, 63 tons gross
OCET	40 tons gross, Auto couplings/links	OCYM	Modified frames 1993 +

Each Company had its own set of numbers to about 1985 when the RICS system was introduced. Tanks were then renumbers continuously from 43765 onwards to around 44563.

Commencing in about 1992, a large number tanks received new underframes. Frames from the following wagons were used, HJS,QLX, BLC, HO, and WHE.

A number of Tank wagons from interstate (NSW, VIC, SA, WA) were also imported into Queensland and used on the network. Some of these tanks were converted to tank containers.

Wagon Markings.

All wagons that are not marked are restricted to 60 Km/h.

The following signs fixed to wagon sides provide the statues of the wagon maximum speed and types of trains the wagon may travel on as part of the train consist.

Red Circle.

Express Freight Vehicle max. speed 80 Km/h

Red Circle with figures 100 superimposed over the red circle.

Frigh Vehicle capable of speeds in excess of 80 Km/h.

Vehicles with Red Circles cannot be marshalled into Passenger Trains.

Red Diamond.

Passenger Train. Max speed 80 Km/h

Red Diamond with figures 100 superimposed over the red diamond.

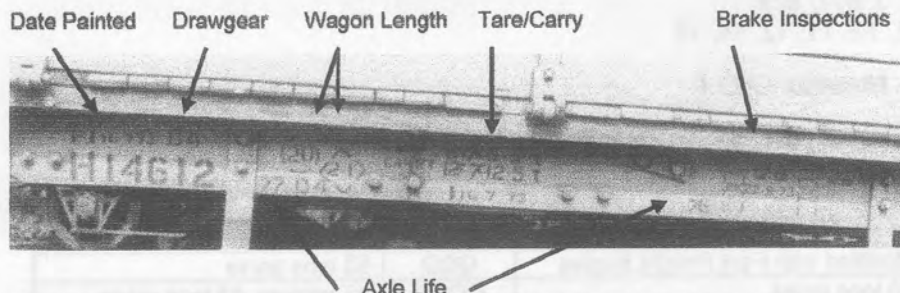
Premium Passenger Vehicle capable of speeds up to 100 Km/h.

Vehicles with Red Diamonds can be marshalled into Express/ Premium Freight Services.



No Air Brakes (Brake pipe system) fitted to vehicle, mainly ballast ploughs and some shunt runners fitted with engine brake.

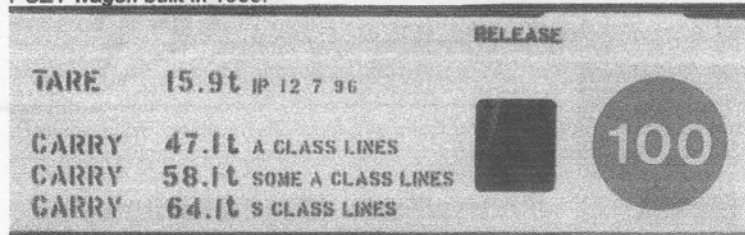
Some marking found on H 14612, 1973 era.



Markings on this wagon are in both imperial and metric measures.

Steel wagon with higher carry capacities generally show the carry capacity for each class of line.

PCZY wagon built in 1996.



Acknowledgements / References

John Kerr	A History of Queensland Railways
John Armstrong	Modelling the Queensland Railway Scene (2004)
Chris Malone / Keith McDonald	Carriage & Wagon Classification Codes (1994)
AMRA Q	Railways of Queensland an album of Vol 1-6
Various QR Publications	Rollingstock Book (1982/91)
	Weekly Notices
	Train Notices
	Working Time Tables
	Supplement to the Working Time Table
	General Appendix to the Book of Rules and to the Working Time Table for all Districts
	Commissioner's Yearly Reports.
	Rollingstock Plan Books

Notes:-

Queensland Goods Wagons

