

North British Railway

Carriage Diagram List

Notes:

1. This list summarises information extracted from two carriage diagram books produced by the NBR, one c. 1908 and the other c. 1921.
2. Each diagram has been given a unique reference number and, on the line below, the NBR 1908, NBR 1921 and LNER diagram numbers, if allocated, are quoted.
3. The diagrams are sorted firstly by number of wheels, then by class. A build date is also given, if known.
4. Note that those described as "NPCS" mean "Non-Passenger Carrying Stock".

Four Wheel Carriages

4 Wheel First

B0290

NBR (1908): 29 NBR(1921): LNER:

Four Wheel First pre-1875

Description: :4 Compartment First Class

Notes: Vehicles altered to semi-open third class by 1921. (see ref. C1470)

NBR numbers: No running number identified.

Dimensions: Length over buffers: 30'-9" Body length: 27'-3"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 15'-9" Diameter: 4'-0" Bogie Ctrs:

B1140

NBR (1908): 114 NBR(1921): LNER:

Four Wheel First

Description: :4 Compartment First Class

Notes:

NBR numbers: 229

Dimensions: Length over buffers: 32'-2.1/2" Body length: 28'-9"

Body width: 7'-9" Roof height: 11'-9"

Wheelbase: 17'-7" Diameter: 3'-9" Bogie Ctrs:

B1150

NBR (1908): 115 NBR(1921): LNER:

Four Wheel First pre-1875

Description: :4 Compartment First Class

Notes: Built by Ashbury to their design. NBRSG Journal 44, page 26 reports 2 group members taking dimensions of ex-NBR coach at the Tanfield Railway near Newcastle, which was built in 1878. Article quotes diagram 100 instead of 115. (diagram 100 is for 5 compartment Third) - see correction printed in next NBRSG Journal No.45

NBR numbers: 73, 194, 220, 269, 279

Dimensions: Length over buffers: 31'-7" Body length: 28'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 16'-0" Diameter: 3'-5" Bogie Ctrs:

C0210

NBR (1908): 20 NBR(1921): 21 LNER: 19B

Four Wheel First 1875-93

Description: :4 Compartment First Class

Notes: During the period 1882-93, Holmes continued to build similar carriages to those introduced by Drummond 1875-79, When first built by Drummond, the bodies were 7'-6" wide and had 12 spoke wheels - replaced by Mansell type around 1880 (in some cases later). They were lit by oil lamps in Drummond's time. The later Holmes builds were 8ft wide and had Mansell wheels and were gas lit.

NBR numbers: 2, 8, 39, 47, 72, 81, 86, 87, 88, 91, 100, 103

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0221

NBR (1908): 21 NBR(1921): 22 LNER: 20B

Four Wheel First 1877

Description: :4 Compartment First Class

Notes: Drummond's 4 wheel carriage designs appeared from 1875 to 1879. When built, these most likely had Mansell wheels. They were lit by oil lamps in Drummond's time. Later builds would have been gas lit. These carriages are unusual in that early examples were built with a domed roof instead of usual Drummond roof profile (see diagram ref. C0222) Later examples reverted to the standard flat arched profile.

NBR numbers: 5, 150, 153

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0222

NBR (1908): 21 NBR(1921): 22 LNER: 20B

Four Wheel First 1877

Description: :4 Compartment First Class (domed roof)

Notes: Drummond's 4 wheel carriage designs appeared from 1875 to 1879. When built, these most likely had Mansell wheels. They were lit by oil lamps in Drummond's time. Later builds would have been gas lit. These carriages are unusual in that these early examples were built with a domed roof instead of usual Drummond roof profile. Later examples reverted to the standard flat arched profile. (see diagram ref. C0221)

NBR numbers: No running numbers identified

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

4 Wheel Third

B0310

NBR (1908): 31 NBR(1921): LNER:

Four Wheel Third pre-1875

Description: :2 Compartment Third Brake

Notes:

NBR numbers: No running number identified.

Dimensions: Length over buffers: 26'-2" Body length: 22'-8"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 13'-0" Diameter: 4'-0" Bogie Ctrs:

B0990

NBR (1908): 99 NBR(1921): LNER:

Four Wheel Third pre-1875

Description: :3 Compartment Third Brake

Notes: These are listed by AA Maclean as built by Ashbury.

NBR numbers: 727, 729

Dimensions: Length over buffers: 31'-6" Body length: 28'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 16'-0" Diameter: 3'-4" Bogie Ctrs:

BI020

NBR (1908): 102 NBR(1921): LNER:

Four Wheel Third pre-1875

Description: :3 Compartment Third Brake

Notes: Built by Ashbury to their design.

9'-0" over look-outs

NBR numbers: 643A

Dimensions: Length over buffers: 30'-9" Body length: 27'-3"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 16'-0" Diameter: 3'-10" Bogie Ctrs:

BI030

NBR (1908): 103 NBR(1921): LNER:

Four Wheel Third pre-1875

Description: :4 Compartment Third Class

Notes: Built by Ashbury to their design. ex- Second Class. The remains of a coach of this type (No.1184) was retrieved by the SRPS from Saltoun Station in 1991 with the hopes of eventual restoration

NBR numbers: 1179, 1180, 1183, 1184, 1185, 1193, 1202, 1205, 1211, 1213

Dimensions: Length over buffers: 26'-0" Body length: 22'-8"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: Diameter: 3'-10" Bogie Ctrs:

C0230

NBR (1908): 22 NBR(1921): 23 LNER: 21B

Four Wheel Third 1882-93

Description: :5 Compartment Third Class

Notes: This diagram represents the Holmes version of the NBR 4 wheeler, based on the 1870s Drummond design. Main difference is the body width increased to 8'-0" and use of Mansell wheels. As built, the Holmes carriages would have had Westinghouse brakes and gas lighting.

NBR numbers: 96, 98, 100, 108, 129, 135, 156, 312, 323, 1072

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0241

NBR (1908): 23 NBR(1921): 24 LNER: 22B

Four Wheel Third 1875-79

Description: :5 Compartment Third class

Notes: Drummond's 4 wheel carriage designs appeared from 1875 to 1879. When built, these most likely had Mansell wheels. They were lit by oil lamps in Drummond's time. Later builds would have been gas lit. During the period 1882-93, Holmes continued to build similar carriages. A few were built with a domed roof - see ref. C0242

NBR numbers: 952, 1212

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0242

NBR (1908): 23 NBR(1921): 24 LNER:

Four Wheel Third c1877

Description: :5 Compartment Third (domed roof)

Notes: Drummond's 4 wheel carriage designs appeared from 1875 to 1879. This particular design appearing in 1877. It is unusual in that it has a domed roof. Firsts were also produced with similar roofs at this time. Later designs reverted to the flat/arched segmental profile. (see diagram ref C0241). It is not clear from records which diagram number this coach belonged to - further investigation required. A known example is no. 650 which was destroyed in Tay Bridge disaster. No other numbers are known

NBR numbers: 650

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0250

NBR (1908): 24 NBR(1921): 25 LNER: 23B

Four Wheel Third 1875-93

Description: :3 Compartment Third Brake

Notes: 9ft wide over look-outs.

Built by Drummond 1875-79 when it is thought the wheels were originally 12 spoke - replaced by Mansell type probably around 1880 (in some cases later). Look-out side duckets had convex top

Built by Holmes 1882-93. Look-out side ducket had concave top and smaller window with side lamps mounted on top to allow lamps to be serviced from inside the vehicle

No.348 was photographed with spoked wheels in 1894

NBR numbers: 88, 90, 193, 199, 204, 213, 348, 351, 1257

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

C0310

NBR (1908): 30 NBR(1921): 31 LNER:

Four Wheel Third pre-1875

Description: :5 Compartment Third Class

Notes: Built by Ashbury and other builders. Ashbury built carriages had oval panel in doors. Non-Ashbury built vehicles did not have the oval door panel. Half-height internal partitions to top of seat back only. Running numbers for Ashbury stock 572 to 680. No. 579 & 629 destroyed in Tay Bridge disaster.

NBR numbers: 572 to 680

Dimensions: Length over buffers: 28'-5" Body length: 25'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 13'-6" Diameter: 4'-0" Bogie Ctrs:

C0900

NBR (1908): 100 NBR(1921): 90 LNER:

Four Wheel Third pre-1875

Description: :5 Compartment Third Class

Notes: Built by Ashbury to their design. Running numbers 707 to 725 It is believed these were originally built as second class.

NBR numbers: 707-725

Dimensions: Length over buffers: 31'-6" Body length: 28'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 16'-0" Diameter: 3'-4" Bogie Ctrs:

C0910

NBR (1908): 101 NBR(1921): 91 LNER:

Four Wheel Third pre-1875

Description: :4 Compartment Third Brake

Notes: Originally built by Ashbury. They appear to be converted from diagram ref C0310 3rd class, with one end compartment adapted as a brake compartment, fitted with small narrow glazed windows on the brake end.

NBR numbers: 284, 289, 398, 409, 411, 485, 490, 504, 536, 549, 551, 567, 592, 631

Dimensions: Length over buffers: 28'-6" Body length: 25'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 13'-6" Diameter: 3'-10" Bogie Ctrs:

C0960

NBR (1908): 111 NBR(1921): 96 LNER:

Four Wheel Third pre-1875

Description: :3 Compartment Saloon Third

Notes: Built by Ashbury to their design. Believed converted from 1st Class.

NBR numbers: 1353

Dimensions: Length over buffers: 28'-6" Body length: 25'-0"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 13'-6" Diameter: 3'-6" Bogie Ctrs:

C0980

NBR (1908): 116 NBR(1921): 98 LNER:

Four Wheel Third pre-1875

Description: :2 Compartment Third Brake

Notes: 9ft wide over look-outs

James Watson lists this diagram as pre-Drummond in his HMRS article. However, pictures of this type of vehicle show a Drummond style roof profile; and so Watson may be in error, perhaps confusing this vehicle with the 1908 diagram 31 earlier version (see diagram ref: B0310).

NBR numbers: 211, 232, 244, 270

Dimensions: Length over buffers: 26'-1.1/2" Body length: 23'-3"

Body width: 7'-6" Roof height: 11'-6"

Wheelbase: 13'-0" Diameter: 4'-0" Bogie Ctrs:

C1340

NBR (1908): NBR(1921): 134 LNER: 109B

Four Wheel Third pre-1875

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Description; :4 Compartment Third

Notes: Originally built by Ashbury to their design, probably as a first/second which was subsequently changed to first/third when second class abolished c1892. (see ref. B1090) Vehicles were converted to all third class by 1921. The original NBR numbers are quoted in vehicle data - it is not known if these were in fact retained on conversion to thirds or new numbers allocated.

NBR numbers: 146, 147, 149, 151-155, 166

Dimensions: Length over buffers: 28'-4" Body length: 25'-0"

Body width: 7'-6" Roof height: 11'-2"

Wheelbase: 13'-6" Diameter: 3'-1" Bogie Ctrs:

C1470

NBR (1908): **NBR(1921)**: **147** *LNER*:

Four Wheel Third pre-1875

Description; :Semi-Open Third Class

Notes: These vehicles were converted from firsts (see ref. B0290) to semi-open third class by 1921.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 30'-9" Body length: 27'-3"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 15'-9" Diameter: 4'-0" Bogie Ctrs:

4 Wheel Composites

B1090

NBR (1908): **109** *NBR(1921)*: *LNER*:

Four Wheel Composite pre-1875

Description; :4 Compartment Composite

Notes: Built by Ashbury to their design, probably as a first/second which was subsequently changed to first/third when second class abolished c1875. Vehicles altered to all third class by 1921 (see ref C1340)

NBR numbers: 146, 147, 149, 151-155, 166

Dimensions: Length over buffers: 28'-4" Body length: 25'-0"

Body width: 7'-6" Roof height: 11'-2"

Wheelbase: 13'-6" Diameter: 3'-1" Bogie Ctrs:

B1170

NBR (1908): **117** *NBR(1921)*: *LNER*:

Four Wheel Composite 1850-55

Description; :Port Carlisle Dandy number 1

Notes: It is believed this horse-drawn coach was originally constructed in the early 1850s at St Margaret's for the Leith branch. In 1856 it was transferred to the North Berwick branch until 1857. It was available for use on the Port Carlisle branch when the NBR took over in 1862. It continued to be used until the line reverted to steam traction around 1914. It is now in the National Railway Museum. Dimensions given are from GWMS book. There are differences in quoted dimensions in NBR Journal and HMRS text.

NBR numbers: 1

Dimensions: Length over buffers: 16'-0" Body length: 12'-1"

Body width: 6'-0" Roof height: 8'-0"

Wheelbase: 7'-0" Diameter: 3'-0" Bogie Ctrs:

B1180

NBR (1908): **118** *NBR(1921)*: *LNER*:

Four Wheel Composite 1908

Description; :Port Carlisle Dandy number 2

Notes: This horse drawn vehicle was built as a replacement for the "New Dandy" and entered service in October 1908. It is assumed it was built at Cowlairst. It proved unsatisfactory in service and was rebuilt in 1912. It continued in service until 1914, when steam traction took over.

NBR numbers: 2

Dimensions: Length over buffers: Body length: 21'-0"

Body width: 7'-9" Roof height: 8'-11.3/4"

Wheelbase: 7'-6" Diameter: 3'-1" Bogie Ctrs:

4 Wheel NPCS

B0320

NBR (1908): **32** *NBR(1921)*: *LNER*:

Four Wheel NPCS pre-1875

Description; :Passenger Brake Van

Notes: Built by Ashbury to their design.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 26'-2" Body length: 22'-8"

Body width: 7'-6" Roof height: 11'-0"

Wheelbase: 13'-0" Diameter: 4'-0" Bogie Ctrs:

B0340

NBR (1908): **34** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Horse Box

Notes: Vehicle had a groom's compartment at one end.

WMS quotes length over buffers as 18ft 2in

NBR numbers: No running number identified, except possibly no. 82

Dimensions: Length over buffers: 18'-3" Body length: 14'-8"

Body width: 7'-10.1/2" Roof height: 11'-8"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs:

B0840

NBR (1908): **84** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck (3 ton)

Notes: High slatted sides with sliding side door.

Vehicle no.108 used as milk truck.

NBR numbers: 108

Dimensions: Length over buffers: 22'-1" Body length: 18'-6"

Body width: 7'-3.1/2" Roof height: 7'-0"

Wheelbase: 10'-3" Diameter: 3'-6" Bogie Ctrs:

B0861

NBR (1908): **86** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck

Notes: Vehicle was later rebuilt to 1920 diagram 38.

NBR numbers: 27

Dimensions: Length over buffers: 19'-2" Body length: 15'-7"

Body width: 7'-9" Roof height: 5'-8.3/4"

Wheelbase: 9'-6" (?) Diameter: 3'-6" Bogie Ctrs:

B0862

NBR (1908): **86** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck

Notes:

NBR numbers: 110

Dimensions: Length over buffers: 19'-0" Body length: 15'-5"

Body width: 7'-9" Roof height: 5'-9.1/4"

Wheelbase: 9'-6" (?) Diameter: 3'-0" Bogie Ctrs:

B0880

NBR (1908): **88** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck with Fixed Sides

Notes: Three vehicles were rebuilt to 1920 diagram 38 and one to diagram 122. Two vehicles had different diameter wheels. (refer to individual vehicle data)

NBR numbers: 21, 22, 26, 28, 29, 52, 64, 118

Dimensions: Length over buffers: 20'-6" Body length: 17'-0"

Body width: 7'-9" Roof height: 5'-9.3/4"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

B0890

NBR (1908): **89** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck with Fixed Sides

Notes: Vehicle was later rebuilt to 1908 diagram 131 (ref B1310)

NBR numbers: 62

Dimensions: Length over buffers: 22'-7.1/2" Body length: 19'-0.1/2"

Body width: 7'-9" Roof height: 5'-9.1/4"

Wheelbase: 10'-6" (?) Diameter: 4'-0" Bogie Ctrs:

B0900

NBR (1908): **90** *NBR(1921)*: *LNER*:

Four Wheel NPCS

Description; :Open Carriage Truck

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Notes:

NBR numbers: 109

Dimensions: Length over buffers: 21'-4" Body length: 17'-9"

Body width: 7'-9" Roof height:

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

B0930

NBR (1908): **93** *NBR(1921):* *LNER:*

Four Wheel NPCS

Description: :Open Carriage Truck with Fixed Sides

Notes: Later rebuilt to 1908 diagram 132.

NBR numbers: 121

Dimensions: Length over buffers: 19'-7" Body length: 16'-0"

Body width: 7'-9" Roof height: 5'-9.1/4"

Wheelbase: 9'-6" (?) Diameter: 4'-0" Bogie Ctrs:

B1040

NBR (1908): **104** *NBR(1921):* *LNER:*

Four Wheel NPCS

Description: :Stores Van

Notes: No other details. This diagram not in the c1913 book.

NBR numbers: No running number identified.

Dimensions: Length over buffers: Body length: 22'-3"

Body width: 7'-6" Roof height:

Wheelbase: Diameter: Bogie Ctrs:

B1210

NBR (1908): **121** *NBR(1921):* *LNER:*

Four Wheel NPCS

Description: :Open Fish /Carriage Truck (3 ton)

Notes:

NBR numbers: 26

Dimensions: Length over buffers: 20'-4" Body length: 17'-3"

Body width: 7'-9.1/2" Roof height: 6'-0"

Wheelbase: 9'-3" Diameter: 3'-4" Bogie Ctrs:

B1220

NBR (1908): **122** *NBR(1921):* *LNER:*

Four Wheel NPCS 1913

Description: :Open Fish /Carriage Truck (3 ton)

Notes: One wagon rebuilt from diagram 88 in 1913

NBR numbers: 29

Dimensions: Length over buffers: 20'-7" Body length: 17'-1"

Body width: 7'-9" Roof height: 6'-0"

Wheelbase: 9'-0" Diameter: 3'-6" Bogie Ctrs:

B1250

NBR (1908): **125** *NBR(1921):* *LNER:*

Four Wheel NPCS

Description: :Furniture Lift Wagon (Container Flat)

Notes: Believe sides were 2.1/2" high in addition to height to floor.

NBR numbers: 126, 134, 137

Dimensions: Length over buffers: 21'-1" Body length: 18'-0"

Body width: 8'-7" Roof height: 4'-9.3/4"

Wheelbase: 9'-8" Diameter: 3'-1" Bogie Ctrs:

B1310

NBR (1908): **131** *NBR(1921):* *LNER:*

Four Wheel NPCS

Description: :Open Carriage Truck with Fixed Sides

Notes: Rebuild of 1908 diagram 89 carriage truck (ref B0890)

NBR numbers: 62

Dimensions: Length over buffers: 22'-7" Body length: 19'-0"

Body width: 7'-9" Roof height: 5'-9.3/4"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

B1320

NBR (1908): **132** *NBR(1921):* *LNER:*

Four Wheel NPCS 1913

Description: :Open Carriage Truck with Fixed Sides

Notes: Rebuild of 1908 diagram 93 carriage truck

NBR numbers: 121

Dimensions: Length over buffers: 19'-7" Body length: 16'-0"

Body width: 7'-9" Roof height: 5'-4.3/4"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

C0270

NBR (1908): **26** *NBR(1921):* **27** *LNER:* **25B**

Four Wheel NPCS 1875-1893

Description: :Passenger Brake Van

Notes: Built by Drummond 1875-79 when wheels originally 12 spoke - replaced by Mansell type around 1880 (in some cases later). Look-out side duckets had convex top. 9ft wide over look-outs.

Built by Holmes 1882-93. Look-out side ducket had concave top and smaller window with side lamps mounted on top to allow lamps to be serviced from inside the vehicle.

NBR numbers: 33, 36, 54, 74, 80, 102, 103, 198

Dimensions: Length over buffers: 26'-2" Body length: 23'-3"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 13'-0" Diameter: 4'-0" Bogie Ctrs:

C0320

NBR (1908): **33** *NBR(1921):* **32** *LNER:* **26B**

Four Wheel NPCS c1893

Description: :Horse Box

Notes: The horse compartment was arranged centrally with the groom's compartment at one end and a store or harness compartment at the other. The body was similar in contour to the ordinary coaching stock, but the door of the horse compartment was flat and partly recessed into the body. This door was in three sections with a large lower downward hinging section and two upper sideway hinging sections.

NBR numbers: 9, 54-60, 88-156, 159-178, 179, 180-227

Dimensions: Length over buffers: 21'-0" Body length: 17'-5"

Body width: 7'-10.1/2" Roof height: 11'-8.3/8"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

C0330

NBR (1908): **105** *NBR(1921):* **33** *LNER:*

Four Wheel NPCS

Description: :Hounds Van

Notes: It is assumed this one vehicle was probably converted from an existing ex- 5 compartment third class coach originally built c1870.

Conversion probably took place in the 1890s, but no records survive to confirm this.

Vehicle remained divided into 5 compartments.

NBR numbers: 157

Dimensions: Length over buffers: 26'-4" Body length: 22'-10"

Body width: 8'-0" Roof height: 10'-7"

Wheelbase: 13'-0" Diameter: 3'-4.1/2" Bogie Ctrs:

C0340

NBR (1908): **35** *NBR(1921):* **34** *LNER:*

Four Wheel NPCS

Description: :Covered Carriage Truck

Notes: End loading doors and side hinged doors.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 21'-7" Body length: 18'-0"

Body width: 7'-8" Roof height: 12'-9"

Wheelbase: 10'-0" Diameter: 3'-6" Bogie Ctrs:

C0350

NBR (1908): **36** *NBR(1921):* **35** *LNER:* **27B**

Four Wheel NPCS c1893

Description: :Covered Carriage Truck

Notes: End loading doors and side hinged doors. Sir Eric Hutchinson gives NBR numbers as 1050-1074

NBR numbers: 163-167

Dimensions: Length over buffers: 24'-8" Body length: 21'-1"

Body width: 7'-8" Roof height: 12'-6"

Wheelbase: 13'-0" Diameter: 3'-6" Bogie Ctrs:

C0360

NBR (1908): **37** *NBR(1921):* **36** *LNER:*

Four Wheel NPCS c1892-93

Description: :Corpse Van

Notes: Used for the conveyance of coffins. The large roof doors were hinged and the sides folded down. Two ventilators (a slate in the woodwork) were provided on each end. Coach axleguards were fitted and Mansell wheels. Due to higher costs after First War, use declined and had more or less ceased c1926. Usually marshalled behind the engine of the train carrying the mourners in the early days. In later NBR days, they were attached at the rear of the train. Normally used around the Edinburgh-Glasgow services (one was recorded travelling from Manuel to Glasgow QSt) and when not in use kept in a spur at Waverley. Painted in NBR coach lake with black ironwork and light

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yellow lettering, shaded to the left and below with vermilion and white. Mansell wheels were brown with black ironwork and white tyres. Height refers to centre of pitched roof. Height at sides was 6ft 3in.

NBR numbers: 159-162, 203,204

Dimensions: Length over buffers: 18'-7" Body length: 12'-1"

Body width: 7'-7" Roof height: 7'-7.1/2"

Wheelbase: 9'-0" Diameter: 3'-6" Bogie Ctrs:

C0370

NBR (1908): **38** *NBR(1921):* **37** *LNER:* **28B**

Four Wheel NPCCS c1892

Description: :Open Carriage Truck with Folding Sides

Notes:

NBR numbers: 139, 140, 145, 146, 150, 155

Dimensions: Length over buffers: 24'-7" Body length: 21'-0"

Body width: 7'-8" Roof height: 5'-3.1/4"

Wheelbase: 13'-0" Diameter: 3'-6" Bogie Ctrs:

C0380

NBR (1908): **39** *NBR(1921):* **38** *LNER:* **29B**

Four Wheel NPCCS c1893

Description: :Open Carriage Truck with Folding Ends

Notes: Some were rebuilt from 1908 diagrams 86 & 88. One of these trucks was rebuilt into a 1920 diagram 136 fish & milk truck.

NBR numbers: 1, 2, 6, 13, 14, 20, 22, 24, 27, 28, 31, 35, 36

Dimensions: Length over buffers: 21'-7" Body length: 18'-0"

Body width: 7'-8" Roof height: 5'-9.3/4"

Wheelbase: 10'-0" Diameter: 3'-6" Bogie Ctrs:

C0400

NBR (1908): **41** *NBR(1921):* **40** *LNER:* **31B**

Four Wheel NPCCS c1897/1903

Description: :Covered Carriage Truck (3 tons)

Notes: 10 vehicles ordered by L&S Committee on 19/11/1896 and a further 10 were ordered 23/4/1903. End loading doors with hinged side doors with windows. Sir Eric Hutchinson gives NBR numbers as 1075-1099

NBR numbers: 189-198, 205-214

Dimensions: Length over buffers: 27'-11" Body length: 24'-4"

Body width: 7'-8" Roof height: 12'-7"

Wheelbase: 14'-0" Diameter: 3'-6" Bogie Ctrs:

C0550

NBR (1908): **57** *NBR(1921):* **55** *LNER:* **45B/225B**

Four Wheel NPCCS c1895

Description: :Open Carriage Truck with Folding Sides (10 ton)

Notes: A well was provided in the floor.

NBR numbers: 117, 119, 120, 122, 123, 169, 177, 179, 180, 183, 184

Dimensions: Length over buffers: 24'-7" Body length: 21'-0"

Body width: 8'-1.1/2" Roof height: 5'-0"

Wheelbase: 13'-0" Diameter: 3'-7" Bogie Ctrs:

C0560

NBR (1908): **58** *NBR(1921):* **56** *LNER:* **46B**

Four Wheel NPCCS

Description: :Outside Framed Covered Fish Van (3 ton)

Notes:

NBR numbers: No running number identified.

Dimensions: Length over buffers: 18'-2.3/4" Body length: 14'-11.3/4"

Body width: 7'-7" Roof height: 10'-8.1/8"

Wheelbase: 9'-0" Diameter: 3'-1" Bogie Ctrs:

C0570

NBR (1908): **59** *NBR(1921):* **57** *LNER:* **47B/167B**

Four Wheel NPCCS

Description: :Open Fish wagon (3 ton)

Notes: Sides were 3 board high and drop type. Ends were fixed.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 18'-7" Body length: 15'-0"

Body width: 7'-7" Roof height: 5'-9.3/8"

Wheelbase: 9'-0" Diameter: 3'-1" Bogie Ctrs:

C0790

NBR (1908): **82** *NBR(1921):* **79** *LNER:* **67B**

Four Wheel NPCCS

Description: :Open Milk Wagon/Carriage Truck (3 ton)

Notes: High slatted sides with sliding doors

Milk truck no.71 had 3'-3" wheels

NBR numbers: 71

Dimensions: Length over buffers: 21'-5" Body length: 17'-10"

Body width: 7'-3.1/2" Roof height: 6'-11.1/2"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

C0800

NBR (1908): **83** *NBR(1921):* **80** *LNER:* **68B**

Four Wheel NPCCS

Description: :Open Milk Wagon/Carriage Truck (3 ton)

Notes: High slatted sides with sliding doors

NBR numbers: 112

Dimensions: Length over buffers: 22'-1" Body length: 18'-6"

Body width: 7'-3.1/2" Roof height: 6'-11.3/4"

Wheelbase: 10'-7" Diameter: 3'-8" Bogie Ctrs:

C0820

NBR (1908): **87** *NBR(1921):* **82** *LNER:*

Four Wheel NPCCS

Description: :Open Carriage Truck with Fixed Low Sides

Notes:

NBR numbers: 3, 12, 18

Dimensions: Length over buffers: 22'-1" Body length: 18'-6"

Body width: 8'-6" Roof height: 4'-7.1/2"

Wheelbase: 10'-0" Diameter: 3'-0" Bogie Ctrs:

C0830

NBR (1908): **91** *NBR(1921):* **83** *LNER:*

Four Wheel NPCCS

Description: :Open Carriage Truck

Notes:

NBR numbers: 83, 104, 126, 132-137

Dimensions: Length over buffers: 21'-7" Body length: 18'-0"

Body width: 8'-6" Roof height: 4'-6.1/4"

Wheelbase: 9'-8" Diameter: 3'-0" Bogie Ctrs:

C0850

NBR (1908): **94** *NBR(1921):* **85** *LNER:*

Four Wheel NPCCS 1993

Description: :Stores Van

Notes: The roof was fitted with four skylights and the interior, which was provided with seats for the guard or storekeeper, was fitted with lockers and shelves. Vehicle was 9ft wide over lookouts. Originally built as a passenger luggage van.

NBR numbers: 234

Dimensions: Length over buffers: 31'-5.1/2" Body length: 27'-11"

Body width: 7'-6" Roof height: 11'-7"

Wheelbase: 16'-0" Diameter: 3'-6" Bogie Ctrs:

C0860

NBR (1908): **95** *NBR(1921):* **86** *LNER:*

Four Wheel NPCCS 1879-82

Description: :Passenger Brake Van

Notes: 7 Vehicles transferred to NBR c1898. Running numbers believed to be correct

NBR numbers: 286-292

Dimensions: Length over buffers: 28'-2" Body length: 25'-0"

Body width: 8'-0.3/4" Roof height: 11'-4"

Wheelbase: 16'-0" Diameter: 3'-7.1/2" Bogie Ctrs:

C0890

NBR (1908): **98** *NBR(1921):* **89** *LNER:*

Four Wheel NPCCS

Description: :Dust Wagon

Notes: For the exclusive use of the removal of sweepings from carriages and the dust, ashes and other refuse from station buildings. The ends were built up gable shaped and they were fitted with hinged roofs and drop side doors. They were painted red oxide, including ironwork, and were lettered NB, but without the usual quarterfoil. On the side doors was the legend "REFUSE WAGON to run between xxxxxxxx and yyyyyyyy", or alternatively, "REFUSE WAGON xxxxxxxx" (home station). Height refers to top of apex of pitched roof. Height at sides was 5'-8.1/4"

NBR numbers: 199-202

Dimensions: Length over buffers: 24'-7" Body length: 21'-0"

Body width: 7'-5" Roof height: 9'-2.1/4"

Wheelbase: 13'-0" Diameter: 3'-1" Bogie Ctrs:

C1060

NBR (1908): **130** *NBR(1921):* **106** *LNER:* **87B**

Four Wheel NPCCS

List of North British Railway Carriage Diagrams

Description; :Open Carriage Truck with Fixed Sides

Notes:

NBR numbers: 64

Dimensions: Length over buffers: 20'-8.1/2" Body length: 17'-1.1/2"

Body width: 7'-9" Roof height: 5'-9.3/4"

Wheelbase: 9'-6" Diameter: 3'-6" Bogie Ctrs:

CI100

NBR (1908): NBR(1921): **110 LNER: 86B**

Four Wheel NPCS c1908

Description; :Horse Box (3 ton)

Notes: The horse compartment was arranged centrally with the groom's compartment at one end and a store or harness compartment at the other. The body was similar in contour to the ordinary coaching stock, but the door of the horse compartment was flat and partly recessed into the body. This door was in three sections with a large lower downward hinging section and two upper sideway hinging sections.

Dual braked and gas lit

NBR numbers: 1-8, 10-21, 23-35, 37-53, 61-87

Dimensions: Length over buffers: 23'-7" Body length: 20'-0"

Body width: 8'-6" Roof height: 12'-1.1/4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs:

CI180

NBR (1908): NBR(1921): **118 LNER: 94B**

Four Wheel NPCS c1906-1910

Description; :Open Carriage Truck with Steel Sides & Ends (6 tons)

Notes: (HMRS ref. quotes fixed sides, WMS quotes folding sides)

NBR numbers: 101-103, 107, 108, 111, 113-116

Dimensions: Length over buffers: 24'-7" Body length: 21'-0"

Body width: 8'-1.1/2" Roof height: 5'-3.1/4"

Wheelbase: 13'-0" Diameter: 3'-6" Bogie Ctrs:

CI360

NBR (1908): NBR(1921): **136 LNER: 111B**

Four Wheel NPCS

Description; :Open Milk Truck (rebuilt from carriage truck)

Notes: Open truck with open pitched horizontal boarding on external framing. Doors opened to the left, sliding inside the body. Lamp irons were fitted on each end so that truck could be run at tail end of passenger train. Rebuilt from diagram 38 carriage truck and only one vehicle in this diagram.

NBR numbers: 112A

Dimensions: Length over buffers: 21'-7" Body length: 18'-6"

Body width: 7'-8.1/4" Roof height: 6'-11.1/4"

Wheelbase: 10'-0" Diameter: 3'-8" Bogie Ctrs:

CI390

NBR (1908): NBR(1921): **139 LNER: 114B**

Four Wheel NPCS c1905

Description; :Open Carriage Truck (6 tons)

Notes: Dimensions from WMS notes - some differences with HMRS reference.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 21'-7" Body length: 18'-0"

Body width: 7'-9" Roof height: 5'-9.1/4"

Wheelbase: 10'-0" Diameter: 3'-6" Bogie Ctrs:

CI430

NBR (1908): NBR(1921): **143 LNER:**

Four Wheel NPCS c1908

Description; :Stores Van

Notes: This vehicle was divided into two sections, each provided with fore and aft shelves. A small lavatory was provided in one of the sections.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 3'-6" Bogie Ctrs:

CI440

NBR (1908): NBR(1921): **144 LNER:**

Four Wheel NPCS c1908

Description; :Stores Van for Oil

Notes: This vehicle contained three large oil tanks, two of which were arranged fore and aft along the sides towards one end with the third tank across the van at the other end. There was ample floor space for the stowage of barrels, drums, etc..

NBR numbers: No running number identified.

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 3'-6" Bogie Ctrs:

CI650

NBR (1908): NBR(1921): **165 LNER: 132B**

Four Wheel NPCS c1920

Description; :Open Fish Truck (5 ton)

Notes: Drop sides had three boards 22" deep. Check springs were fitted, also fitch plates over the solebars. Wheels were open spoke type and the W irons were tied.

NBR numbers: 232-299

Dimensions: Length over buffers: 20'-0" Body length: 16'-5"

Body width: 7'-10" Roof height: 5'-9.5/8"

Wheelbase: 10'-0" Diameter: 3'-1" Bogie Ctrs:

4 Wheel Unclassed

C0300

NBR (1908): **28A NBR(1921): 30 LNER:**

Four Wheel Unclassed c1875

Description; :Post Office Sorting Tender

Notes: Two coaches, reputedly 2nds (or possibly 3rds) were converted by Drummond. Not provided with sorting or collecting equipment. Wheels originally 12 spoke - replaced by Mansell type around 1880 (in some cases later)

NBR numbers: No running number identified.

Dimensions: Length over buffers: 31'-5" Body length: 28'-6"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 16'-0" Diameter: 4'-0" Bogie Ctrs:

6 Wheel First

B0670

Six Wheel Carriages

NBR (1908): 67 NBR(1921): LNER:

Six Wheel First 1880-90

Description: :First Lavatory

Notes: These coaches were transferred to NBR in 1905. They were subsequently modified by the NBR c1918, one becoming diagram 94 and the other diagram 111

NBR numbers: 13, 28

Dimensions: Length over buffers: 37'-0.3/4" Body length: 33'-8"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-0" Diameter: 3'-5" Bogie Ctrs:

C0090

NBR (1908): 9 NBR(1921): 9 LNER: 9B

Six Wheel First 1892

Description: :Saloon First Class

Notes:

NBR numbers: 473-476

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0120

NBR (1908): 12 NBR(1921): 12 LNER: 12B

Six Wheel First c1880

Description: :Saloon First

Notes: See also diagram ref: C0080

NBR numbers: 465

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0170

NBR (1908): 16 NBR(1921): 17 LNER: 15B

Six Wheel First 1882-99

Description: :5 Compartment First Class

Notes:

NBR numbers: No running number identified.

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0180

NBR (1908): 17 NBR(1921): 18 LNER: 16B

Six Wheel First 1877-99

Description: :5 Compartment First Class

Notes: No. 414 destroyed in Tay Bridge disaster. Train drawing on sleeve of John Thomas's book on NBR gives weight as 14 tons 5 cwt

NBR numbers: 414

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0500

NBR (1908): 52 NBR(1921): 50 LNER: 41B

Six Wheel First 1882-99

Description: :First Lavatory

Notes: Some were converted to saloons to diagrams 115/128/146

NBR numbers: No running number identified.

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0970

NBR (1908): 113 NBR(1921): 97 LNER:

Six Wheel First

Description: :First Lavatory

Notes:

NBR numbers: 235-237

Dimensions: Length over buffers: 35'-10" Body length: 32'-6"

Body width: 7'-9" Roof height: 11'-8"

Wheelbase: 22'-10" Diameter: 3'-5" Bogie Ctrs:

C1110

NBR (1908): NBR(1921): 111 LNER: 87B

Six Wheel First

Description: :Saloon First

Notes: This coach was transferred to NBR in 1905 as diagram 67 (see ref.B0670). It was rebuilt c1918, becoming diagram 111.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 37'-0.3/4" Body length: 33'-8"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-0" Diameter: 3'-5" Bogie Ctrs:

C1150

NBR (1908): NBR(1921): 115 LNER: 91B

Six Wheel First

Description: :Saloon First

Notes: Conversion from First lavatory coach (1920 diagram 50)

NBR numbers: No running number identified.

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

6 Wheel Third

C0080

NBR (1908): 8 NBR(1921): 8 LNER: 8B

Six Wheel Third 1881

Description: :Saloon Third

Notes: HMRS ref gives diagram 8 as 3rd class saloon. GWMS drawing notates it as first class. This coach used Drummond's flexible chassis design. see also diagram ref: C0120

NBR numbers: 1241-1244

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0130

NBR (1908): 13 NBR(1921): 13 LNER: 13B

Six Wheel Third 1887

Description: :Saloon Third Class

Notes: HMRS Journal quotes 2 saloons, GWMS shows only 1

NBR numbers: 972, 973, 1673

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0190

NBR (1908): 18 NBR(1921): 19 LNER: 17B

Six Wheel Third 1888-1901

Description: :6 Compartment Third Class

Notes: Holmes continued to build 6 wheeled carriages based on Drummond's specifications into the early 1900s. This vehicle represents the standard 6 compartment third which was built in large numbers by Cowlairs. All vehicles had Westinghouse brake and gas lighting.

NBR numbers: 1041, 1044-1050, 1149-1154, 1156-1160, 1162-1164, 1166, 1168, 1169, 1172-1173 etc

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0200

NBR (1908): 19 NBR(1921): 20 LNER: 18B

Six Wheel Third 1880-99

Description: :6 Compartment Third Class

Notes: one running number identified

NBR numbers: 860

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0410

NBR (1908): 42 NBR(1921): 41 LNER: 32B

Six Wheel Third 1882-99

List of North British Railway Carriage Diagrams

Description; :Saloon Third Class

Notes: Built by Holmes, these carriages are examples of the many variety of saloons built by the NBR. They would not normally be used in service trains, but would be made available for hire to clubs and societies for outings.

NBR numbers: 1368-1373

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0420

NBR (1908): **43** *NBR(1921)*: **42** *LNER*: **33B**

Six Wheel Third 1898-99

Description; :Third Class Corridor

Notes: These carriages were built at Cowlaers, 8 in 1898 and 4 in 1899 and minutes of the Locomotive & Stores Committee on 10/2/1898 indicate their intended use was to provide for the conveyance of theatrical parties (see NBRSG & GWMS references). They may also have been used on the West Highland Railway (see J Watson HMRS ref.)

NBR numbers: 1434-1445

Dimensions: Length over buffers: 40'-2" Body length: 37'-3"

Body width: 8'-2" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0510

NBR (1908): **53** *NBR(1921)*: **51** *LNER*: **42B**

Six Wheel Third 1875-1890

Description; :Third Brake

Notes:

NBR numbers: 935, 941, 944, 945, 1053, 1055, 1060, 1132-1135, 1145

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0620

NBR (1908): **64** *NBR(1921)*: **62** *LNER*: **52B**

Six Wheel Third 1880-90

Description; :6 Compartment Third Class

Notes: Transferred to NBR in 1905

NBR numbers: 221, 286, 310, 393, 448

Dimensions: Length over buffers: 37'-6" Body length: 33'-11.1/2"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-2" Diameter: 3'-5" Bogie Ctrs:

C0630

NBR (1908): **65** *NBR(1921)*: **63** *LNER*: **53B**

Six Wheel Third 1880-90

Description; :Third Class 5 Compartment + Luggage

Notes: Transferred to NBR in 1905

NBR numbers: 458

Dimensions: Length over buffers: 38'-4.1/2" Body length: 35'-0"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-1" Diameter: 3'-5" Bogie Ctrs:

C0640

NBR (1908): **66** *NBR(1921)*: **64** *LNER*: **54B**

Six Wheel Third 1880-90

Description; :4 Compartment Third Brake

Notes: Transferred to NBR in 1905

NBR numbers: 1

Dimensions: Length over buffers: 37'-3" Body length: 33'-10.1/2"

Body width: 7'-6" Roof height: 11'-7.1/2"

Wheelbase: 23'-6" Diameter: 3'-5" Bogie Ctrs:

C0650

NBR (1908): **68** *NBR(1921)*: **65** *LNER*: **55B**

Six Wheel Third 1880-90

Description; :Saloon Third

Notes: Transferred to NBR in 1905

NBR numbers: 673, 674

Dimensions: Length over buffers: 40'-3" Body length: 37'-0"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 25'-2" Diameter: 3'-6" Bogie Ctrs:

C0810

NBR (1908): **85** *NBR(1921)*: **81** *LNER*:

Six Wheel Third c1882

Description; :Third Lavatory

Notes: 3 vehicles transferred to NBR c1898. Running numbers believed to be correct.

NBR numbers: 1592-1594

Dimensions: Length over buffers: 34'-3" Body length: 31'-0"

Body width: 8'-1" Roof height: 11'-7"

Wheelbase: 21'-0" Diameter: 3'-6" Bogie Ctrs:

C0940

NBR (1908): *NBR(1921)*: **94** *LNER*: **72B**

Six Wheel Third

Description; :Saloon Third

Notes: This coach was one of two transferred to NBR in 1905 as diagram 67 (see ref.B0670). It was rebuilt c1918, becoming diagram 94.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 37'-0.3/4" Body length: 33'-8"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-0" Diameter: 3'-5" Bogie Ctrs:

C1030

NBR (1908): **126** *NBR(1921)*: **103** *LNER*: **79B**

Six Wheel Third 1866

Description; :Saloon Third

Notes:

NBR numbers: 1866

Dimensions: Length over buffers: 39'-9.1/2" Body length: 36'-5"

Body width: 8'-0" Roof height: 11'-7.1/2"

Wheelbase: 24'-6" Diameter: 3'-6" Bogie Ctrs:

C1050

NBR (1908): **129** *NBR(1921)*: **105** *LNER*: **81B**

Six Wheel Third

Description; :Saloon Third

Notes:

NBR numbers: 1864, 1866

Dimensions: Length over buffers: 40'-10.1/2" Body length: 37'-6"

Body width: 8'-6" Roof height: 11'-7.1/2"

Wheelbase: 24'-8" Diameter: 3'-6" Bogie Ctrs:

C1120

NBR (1908): **112** *NBR(1921)*: **112** *LNER*: **85B**

Six Wheel Third

Description; :Saloon Third

Notes:

NBR numbers: 1240

Dimensions: Length over buffers: 39'-6" Body length: 36'-1"

Body width: 8'-0" Roof height: 11'-4.1/2"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C1140

NBR (1908): *NBR(1921)*: **114** *LNER*: **90B**

Six Wheel Third 1909

Description; :Saloon Third

Notes: Conversion from Compo Lavatory coach (1920 diagram 52)

NBR numbers: 9, 142, 150, 206, 223, 225, 228, 230, 263, 270, 280-282

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1270

NBR (1908): *NBR(1921)*: **127** *LNER*: **103B**

Six Wheel Third

Description; :Saloon Third

Notes: Originally 3 vehicles transferred to NBR in 1906 which became 1920 diagram 61 (see ref C0610). One appears to have been converted to Third Saloon as per 1920 diagram 127

NBR numbers: No running number identified

Dimensions: Length over buffers: 39'-4.1/2" Body length: 36'-0"

Body width: 7'-9" Roof height: 11'-8"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C1280

NBR (1908): *NBR(1921)*: **128** *LNER*: **104B**

Six Wheel Third

List of North British Railway Carriage Diagrams

Description; :Saloon Third

Notes: Conversion of a First Lavatory coach (1920 diagram 50)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1290

NBR (1908): *NBR(1921)*: **129** *LNER*: **105B**

Six Wheel Third 1909

Description; :Saloon Third

Notes: Conversion from Compo Lavatory coach (1920 diagram 52)

NBR numbers: No running number identified.

Dimensions: Length over buffers: Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1300

NBR (1908): *NBR(1921)*: **130** *LNER*: **106B**

Six Wheel Third 1909

Description; :Saloon Third

Notes: Conversion from Compo Lavatory coach (1920 diagram 52)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1310

NBR (1908): *NBR(1921)*: **131** *LNER*: **107B**

Six Wheel Third

Description; :Saloon Third

Notes: Converted from diagram 84 (see ref C0840)

NBR numbers: No running number identified

Dimensions: Length over buffers: 37'-5" Body length: 34'-0"

Body width: 7'-9" Roof height: 11'-7"

Wheelbase: 24'-4" Diameter: 3'-5" Bogie Ctrs:

C1320

NBR (1908): *NBR(1921)*: **132** *LNER*: **108B**

Six Wheel Third 1909

Description; :Saloon Third

Notes: Conversion from Compo Lavatory coach (1920 diagram 52).

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1330

NBR (1908): *NBR(1921)*: **133** *LNER*: **135B**

Six Wheel Third 1917

Description; :Third Brake

Notes: Converted by Reid from earlier Drummond coaches (1920 diagram 14) to provide additional brake vans for commuter trains.

NBR numbers: No running number identified

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C1370

NBR (1908): *NBR(1921)*: **137** *LNER*: **112B**

Six Wheel Third c1917

Description; :Saloon Third

Notes: Assumed to be a conversion by Reid from earlier Holmes coaches (1908 diagram 51)

NBR numbers: 272

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C1380

NBR (1908): *NBR(1921)*: **138** *LNER*: **113B**

Six Wheel Third 1888

Description; :Saloon Third

Notes: Originally 3 vehicles transferred to NBR in 1906 which became

1920 diagram 61 (see ref C061). At least one appears to have been

converted c1917 to Third Saloon as per 1920 diagram 138

NBR numbers: No running number identified

Dimensions: Length over buffers: 39'-4.1/2" Body length: 36'-0"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C1400

NBR (1908): *NBR(1921)*: **140** *LNER*: **115B**

Six Wheel Third 1890

Description; :6W 3rd Class 4 Compt Luggage Lav ex-ECJS

Notes: Believed NBR received 5 out of total of 17 originally built in

Doncaster Transferred to NBR 1905. This vehicle believed

reconstructed by NBR and given 1920 diagram no 140. (See also ref:

C0590).

NBR numbers: No running number identified

Dimensions: Length over buffers: 39'-4.1/2" Body length: 36'-0"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C1410

NBR (1908): *NBR(1921)*: **141** *LNER*:

Six Wheel Third 1883-84

Description; :Saloon Third

Notes: One of two vehicles transferred to NBR in 1906. Vehicle rebuilt c1917 to 1920 diagram 141 from 1920 diagram 60 (see ref C0600)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-10.1/2" Body length: 35'-6"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-6" Diameter: 3'-6" Bogie Ctrs:

C1420

NBR (1908): *NBR(1921)*: **142** *LNER*:

Six Wheel Third c1917

Description; :Third Brake

Notes: Assumed to be a conversion by Reid from earlier Drummond coaches (1920 diagram 14).

NBR numbers: No running number identified

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C1460

NBR (1908): *NBR(1921)*: **146** *LNER*: **116B**

Six Wheel Third

Description; :Saloon Third

Notes: Conversion from First Lavatory coach (1920 diagram 50)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1480

NBR (1908): *NBR(1921)*: **148** *LNER*:

Six Wheel Third

Description; :Saloon Third

Notes:

NBR numbers: No running number identified

Dimensions: Length over buffers: 35'-8.1/2" Body length: 32'-5.1/2"

Body width: 7'-9" Roof height: 11'-7"

Wheelbase: 22'-9.1/2" Diameter: 3'-6" Bogie Ctrs:

C1580

NBR (1908): *NBR(1921)*: **158** *LNER*: **125B**

Six Wheel Third 1909

Description; :Saloon Third

Notes: Conversion from Compo Lavatory coach (1920 diagram 53 - see ref. C0530)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-4.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C1670

NBR (1908): *NBR(1921)*: **167** *LNER*:

Six Wheel Third

List of North British Railway Carriage Diagrams

Description; :5 Compartment Third

Notes: Converted from 5 compartment First (1920 diagram 18 - see ref.C0180)

NBR numbers: No running number identified

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

6 Wheel Composite

B0510

NBR (1908): **51** *NBR(1921)*: **LNER**:

Six Wheel Composite 1888

Description; :Composite Lavatory

Notes: May have been converted to dia 137

NBR numbers: No running number identified.

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

B1080

NBR (1908): **108** *NBR(1921)*: **LNER**:

Six Wheel Composite

Description; :Composite

Notes: Running Nos 156 to 165. It is assumed these coaches were built by Ashbury. There is a GWW photo of Waverley which shows such a coach. The width and height dimensions are the same as other Ashbury coaches.

NBR numbers: 156-165

Dimensions: Length over buffers: 32'-6" Body length: 28'-10"

Body width: 7'-6" Roof height: 11'-2"

Wheelbase: 9'-0" Diameter: 3'-9" Bogie Ctrs:

C0141

NBR (1908): **14** *NBR(1921)*: **14** *LNER*:

Six Wheel Composite 1878

Description; :4 Compartment Luggage Composite

Notes: These carriages were designed by Drummond in 1878 and as built would have been fitted with Westinghouse brakes, gas lighting, but no heating. No details available as to total number actually built. Numbers listed may not be complete. Some of the early examples were built with domed roofs and there is a GWW photo of Waverley west end which shows the domed roof version. (see ref. C0142)

NBR numbers: 2, 4, 7, 8, 15, 18, 23, 28, 31, 44, 46, 47, 50, 54, 60, 62, 84, 90, 92, 94, 96, 172, 178, 196

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C0142

NBR (1908): **14** *NBR(1921)*: **14** *LNER*:

Six Wheel Composite 1878

Description; :4 Compartment Luggage Composite (domed roof)

Notes: These coaches were designed by Drummond in 1878 and as built would have been fitted with Westinghouse brakes, gas lighting, but no heating. No details available as to total number actually built. These early examples were built with domed roofs and there is a GWW photo of Waverley west end which shows one of these carriages. The majority appear to have been built with the standard Drummond roof profile (see ref. C0141)

NBR numbers: No running numbers identified

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C0150

NBR (1908): **14A** *NBR(1921)*: **15** *LNER*: **14B**

Six Wheel Composite c1880

Description; :4 Compartment Composite Brake

Notes: These 20 vehicles were originally built by Drummond as luggage composites (diagram 14). They were converted to brakes in 1904 (GWMS drawing quotes 1917)

1913 diagram gives original weight as 11ton 15.5cwt

NBR numbers: 7, 15, 18, 23, 28, 31, 44, 46, 47, 50, 54, 60, 62, 84, 90, 92, 94, 172, 178, 196

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C0160

NBR (1908): **15** *NBR(1921)*: **16** *LNER*:

Six Wheel Composite 1881

Description; :4 Compartment Composite Brake (Slip)

Notes: Appears to be only NBR example of a slip coach. No record of which route it was used on.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 35'-2" Body length: 32'-3"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 20'-0" Diameter: 4'-0" Bogie Ctrs:

C0480

NBR (1908): **49** *NBR(1921)*: **48** *LNER*: **39B**

Six Wheel Composite

Description; :Composite Brake

Notes:

NBR numbers: No running number identified.

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0520

NBR (1908): **54** *NBR(1921)*: **52** *LNER*: **43B/90B**

Six Wheel Composite 1882-99

Description; :Composite Lavatory

Notes: Some were later converted to dia 114 & 130

NBR numbers: 108, 112, 121, 126, 128, 134

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0530

NBR (1908): **55** *NBR(1921)*: **53** *LNER*: **44B**

Six Wheel Composite 1887

Description; :Composite Lavatory

Notes:

NBR numbers: 182

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0540

NBR (1908): **56** *NBR(1921)*: **54** *LNER*: **108B**

Six Wheel Composite 1882-?

Description; :Composite Lavatory

Notes:

NBR numbers: No running number identified.

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0590

NBR (1908): **61** *NBR(1921)*: **59** *LNER*: **49B**

Six Wheel Composite 1890

Description; :Composite

Notes: Believed NBR received 5 out of total of 17 originally built in Doncaster Transferred to NBR 1905. One vehicle believed reconstructed by NBR and given 1920 diagram no 140

NBR numbers: 231-235

Dimensions: Length over buffers: 39'-4.1/8" Body length: 36'-0"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C0600

NBR (1908): **62** *NBR(1921)*: **60** *LNER*: **52B**

Six Wheel Composite 1883-84

Description; :Composite

Notes: Two vehicles transferred to NBR in 1906. One vehicle was rebuilt c1917 to 1921 diagram 141

NBR numbers: 236 & 237

Dimensions: Length over buffers: 38'-10.1/8" Body length: 35'-6"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-6" Diameter: 3'-6" Bogie Ctrs:

C0610

List of North British Railway Carriage Diagrams

NBR (1908): 63 NBR(1921): 61 LNER: 51B

Six Wheel Composite 1888

Description: :Composite

Notes: 3 vehicles transferred to NBR in 1906. At least one appears to have been converted to Third Saloon to 1920 diagram 138 and one to diagram 127.

NBR numbers: 238-240

Dimensions: Length over buffers: 39'-4.1/2" Body length: 36'-0"

Body width: 7'-9" Roof height: 11'-7.1/2"

Wheelbase: 24'-2" Diameter: 3'-6" Bogie Ctrs:

C0840

NBR (1908): 92 NBR(1921): 84 LNER:

Six Wheel Composite

Description: :Composite

Notes:

NBR numbers: 197, 199, 200, 226-228

Dimensions: Length over buffers: 35'-7" Body length: 34'-0"

Body width: 7'-9" Roof height: 11'-7"

Wheelbase: 24'-4" Diameter: 3'-5" Bogie Ctrs:

C0870

NBR (1908): 96 NBR(1921): 87 LNER:

Six Wheel Composite 1882

Description: :Composite

Notes: Vehicles transferred to NBR c1898.

NBR numbers: 218-225

Dimensions: Length over buffers: 34'-2" Body length: 31'-0"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 21'-0" Diameter: 3'-7.1/2" Bogie Ctrs:

C0880

NBR (1908): 97 NBR(1921): 88 LNER:

Six Wheel Composite 1882

Description: :Composite Lavatory

Notes:

NBR numbers: 221

Dimensions: Length over buffers: 34'-2" Body length: 31'-0"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 21'-0" Diameter: 3'-7.1/2" Bogie Ctrs:

C0990

NBR (1908): 119 NBR(1921): 99 LNER:

Six Wheel Composite

Description: :Composite

Notes: Differing layout descriptions between NBRSG and HMRS references. NBRSG quoted above.

NBR numbers: 229-230

Dimensions: Length over buffers: 40'-3" Body length: 36'-10"

Body width: 7-9.1/2" Roof height: 11'-5"

Wheelbase: 24'-6" Diameter: 3'-6" Bogie Ctrs:

C1040

NBR (1908): 127 NBR(1921): 104 LNER: 80B

Six Wheel Composite

Description: :Composite

Notes:

NBR numbers: 257-259

Dimensions: Length over buffers: 40'-10.1/2" Body length: 37'-6"

Body width: 8'-6" Roof height: 11'-7.1/2"

Wheelbase: 24'-8" Diameter: 3'-6" Bogie Ctrs:

6 Wheel NPCS

C0260

NBR (1908): 25 NBR(1921): 26 LNER: 24B

Six Wheel NPCS 1875-1890

Description: :Passenger Brake Van

Notes: 14 of these vans were allocated to carry newspapers, including a number leased to the "Scotsman"

NBR numbers: 14, 29, 70, 209, 214, 216, 222, 223, 225, 229, 230, 234, 236, 238

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C0390

NBR (1908): 40 NBR(1921): 39 LNER: 30B

Six Wheel NPCS c1895

Description: :Open Carriage Truck with Folding Sides

Notes: Five vehicles ordered by Loco & Stores Committee on 25/10/1894

NBR numbers: 95-99

Dimensions: Length over buffers: 35'-7" Body length: 32'-0"

Body width: 8'-1.1/2" Roof height: 5'-9.3/4"

Wheelbase: 20'-0" Diameter: 3'-6" Bogie Ctrs:

C0440

NBR (1908): 45 NBR(1921): 44 LNER: 35B

Six Wheel NPCS

Description: :Covered Fish & Milk Van (15 ton)

Notes: Milk vans were generally similar to the six-wheeled fish vans, but fitted with steps in way of their doors.

NBR numbers: FISH: 130, 301-309, 62978-62996

MILK: 62, 127, 130, 131

Dimensions: Length over buffers: 33'-7" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-4.7/8"

Wheelbase: 20'-0" Diameter: 3'-6" Bogie Ctrs:

C0670

NBR (1908): 70 NBR(1921): 67 LNER: 57B

Six Wheel NPCS c1907

Description: :Covered Van for Motor Cars (10 ton)

Notes: On 22/3/1906, L&S Committee authorised construction of 15 vehicles at a cost of £255 each. Fitted with two half doors at each end and two sliding doors on each side.

NBR numbers: 217-231

Dimensions: Length over buffers: 34'-11" Body length: 31'-4"

Body width: 7'-9.1/2" Roof height: 12'-9.1/2"

Wheelbase: 21'-0" Diameter: 3'-6" Bogie Ctrs:

C1130

NBR (1908): NBR(1921): 113 LNER: 84B

Six Wheel NPCS c1912

Description: :Coaching Van (Covered Carriage Truck)

Notes: Similar dimensions to 1920 diagram 67. End door loading, with side sliding doors.

NBR numbers: 5, 7, 8, 9, 17, 21, 23, 26, 42, 61, 68-70, 72, 74

Dimensions: Length over buffers: 34'-11" Body length: 31'-4"

Body width: 7'-9.1/2" Roof height: 12'-9.1/2"

Wheelbase: 21'-0" Diameter: 3'-6" Bogie Ctrs:

C1350

NBR (1908): NBR(1921): 135 LNER: 110B

Six Wheel NPCS 1917

Description: :Passenger Brake Van

Notes: Converted by Reid from earlier Drummond coaches (1920 diagram 14) to provide additional brake vans for commuter trains.

NBR numbers: No running number identified

Dimensions: Length over buffers: 32'-11" Body length: 30'-0"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 18'-0" Diameter: 4'-0" Bogie Ctrs:

C1570

NBR (1908): NBR(1921): 157 LNER: 124B

Six Wheel NPCS

Description: :Passenger Brake (Vestibuled)

Notes:

NBR numbers: No running number identified

Dimensions: Length over buffers: 35'-5.1/2" Body length: 32'-0"

Body width: 8'-10" Roof height: 11'-7.1/2"

Wheelbase: 22'-4" Diameter: 3'-6" Bogie Ctrs:

6 Wheel Unclassed

C0100

NBR (1908): 10 NBR(1921): 10 LNER: 10B

Six Wheel Unclassed 1887

Description: :Saloon Invalid

Notes: Only one coach of this type built by Holmes

NBR numbers: 464

Dimensions: Length over buffers: 35'-2" Body length: 32'-3"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 21'-0" Diameter: 4'-0" Bogie Ctrs:

List of North British Railway Carriage Diagrams

C0110

NBR (1908): 11 NBR(1921): 11 LNER: 11B

Six Wheel Unclassed 1885

Description: :Saloon Sleeping with upper berths

Notes: Two coaches were built, being converted by Holmes from existing late Wheatley or early Drummond saloons. Sleeps 6.

NBR numbers: 471, 472

Dimensions: Length over buffers: 35'-2" Body length: 32'-3"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 21'-0" Diameter: 4'-0" Bogie Ctrs:

C0280

NBR (1908): 27 NBR(1921): 28 LNER:

Six Wheel Unclassed 1890

Description: :Prison Van

Notes: Built for conveyance of prisoners to Peterhead and replaced an earlier 4 wheeled carriage. One central door

NBR numbers: 7

Dimensions: Length over buffers: 38'-5.1/2" Body length: 35'-6.1/2"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 23'-0" Diameter: 4'-0" Bogie Ctrs:

C0290

NBR (1908): 28 NBR(1921): 29 LNER:

Six Wheel Unclassed 1881-88

Description: :PO Sorting Tender (Gangwayed)

Notes: Drummond built one in 1881 (drg No. 299C), Holmes added two more in 1888 (drg no. 312C) and 1891 (drg no. 327C). Note 312C did not have a corridor connection. 11 gas lamps and 4 skylights. All withdrawn prior to 1922.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 35'-2" Body length: 32'-3"

Body width: 7'-6" Roof height: 11'-8"

Wheelbase: 20'-0" Diameter: 4'-0" Bogie Ctrs:

C1560

NBR (1908): NBR(1921): 156 LNER: 4B

Six Wheel Unclassed 1920

Description: :Saloon Engineer Carlisle

Notes: One coach converted by Chalmers from earlier Holmes sleeping coach (1920 diagram 11)

NBR numbers: 472

Dimensions: Length over buffers: 35'-2" Body length: 32'-3"

Body width: 8'-0" Roof height: 11'-8"

Wheelbase: 21'-0" Diameter: 4'-0" Bogie Ctrs:

8 Wheel Bogie First

C0010

NBR (1908): 1 NBR(1921): 1 LNER: 1B/254B

Eight Wheel Bogie Carriages

Eight Wheel Bogie First 1889-90

Description; :7 Compartment First

Notes:

NBR numbers: 138

Dimensions: Length over buffers: 52'-7" Body length: 49'-8"

Body width: 7'-6" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

C0050

NBR (1908): 5 *NBR(1921)*: 5 *LNER*: 5B

Eight Wheel Bogie First 1894

Description; :First Class Saloon (WH)

Notes:

a) These 4 vehicles were built by Holmes for the West Highland Line and were brought into use when the line opened on 7th August 1894. A typical WHR train of the period is believed to have consisted of one first (diagram 5), plus two thirds (diagram 6) and a brake composite (diagram 7).

b) Brakes were originally Westinghouse only and it is believed they were altered to dual (W & V) prior to 1912. In common with similar NBR stock, they would probably have been converted to vacuum only by the LNER c1930s

c) Last example, 256, withdrawn 4/2/1939

d) GWMS passenger capacity (32) differs from HMRS (30) and AAM (30). 30 assumed correct, as built.

NBR numbers: 256-259

Dimensions: Length over buffers: 50'-1" Body length: 47'-2"

Body width: 8'-0" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 31'-6"

C0470

NBR (1908): 48 *NBR(1921)*: 47 *LNER*: 38B

Eight Wheel Bogie First 1903

Description; :7 Compartment First

Notes: Steel Solebars

NBR numbers: 410-419

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

C0690

NBR (1908): 72 *NBR(1921)*: 69 *LNER*: 59B

Eight Wheel Bogie First 1905

Description; :7 Compartment First

Notes: Steel Solebars

NBR numbers: 145, 222, 224, 294, 298, 304, 308, 318, 326

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" Roof height: 12'-1"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

C0750

NBR (1908): 78 *NBR(1921)*: 75 *LNER*: 63B

Eight Wheel Bogie First 1907

Description; :7 Compartment Corridor First

Notes: Steel Solebars. Further batch built 1920/21

NBR numbers: 457-460, 477, 478, 481-488, 490-497

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 42'-5"

C0760

NBR (1908): 79 *NBR(1921)*: 76 *LNER*: 64B

Eight Wheel Bogie First 1907-8

Description; :8 Compartment First

Notes:

a) 54 non-corridor Firsts ordered after meeting on 13/10/1906 as follows: 16 from Metropolitan C&W at £1971 each, running nos 420-435 10 from Hurst Nelson at £1961 15s each, running nos 436-445 8 from Brush Electrical at £1810 each, running nos 446-453

b) Loco & Stores Committee at meeting on 18/5/1911 agreed to convert 10 Firsts into composites, at £215 each, and 6 were chosen from diagram 76 vehicles, as listed. Vehicles re-numbered in Composite series

c) On 29/1/1919 two further Firsts were ordered, to charge BIR.121. These took the vacated running nos 448 & 449 and were the only carriages of this type built with steel underframes. They were the last non-corridor Firsts built for the NBR.

d) In the original design of diagram 76 vehicles, the compartments were split 4 smokers, 3 non-smokers and 1 smoker, with the smoking designation etched on the fixed lights. This was dispensed with after 11/2/1919.

e) In common with many NBR vehicles, roof ventilators were only fitted above the end compartments.

f) As originally constructed, only Westinghouse brakes were fitted, but dual systems were fitted from around 1910. LNER gradually replaced dual systems with vacuum only.

NBR numbers: 420-453

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 42'-5.3/8"

C1230

NBR (1908): 128 *NBR(1921)*: 123 *LNER*: 99B

Eight Wheel Bogie First 1893 (NER)

Description; :First Open Dining Saloon

Notes: Built for NER in 1893 by Lancaster C&W Co and allocated ECJS no. 193. Subsequently acquired by the NBR in 1910.

NBR numbers: 469

Dimensions: Length over buffers: 49'-11" Body length: 48'-11"

Body width: 8'-3" Roof height: 12'-1.1/2"

Wheelbase: 8'-0" Diameter: 3'-9" Bogie Ctrs: 30'-6"

8 Wheel Bogie Third

C0020

NBR (1908): 2 *NBR(1921)*: 2 *LNER*: 2B

Eight Wheel Bogie Third

Description; :8 Compartment Third

Notes:

a) Construction of 10-12 third class carriages approved at Locomotive & Stores Committee meeting on 15/12/1888.

b) Holmes followed his first design for bogie carriages (1885) with this series, consisting of firsts, thirds and brake thirds.

c) Brakes were Westinghouse as originally built. Later fitted for vacuum operation. No details on dates of conversion.

d) 2 thirds burned at Craighendran 15/12/1892

NBR numbers: 996-1000, 1121, 1123-1125

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 7'-6" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

C0040

NBR (1908): 4 *NBR(1921)*: 4 *LNER*: 4B

Eight Wheel Bogie Third 1889-90

Description; :7 Compartment Brake Third

Notes:

NBR numbers: 1126, 1127

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 7'-6" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

C0060

NBR (1908): 6 *NBR(1921)*: 6 *LNER*: 6B

Eight Wheel Bogie Third 1984

Description; :Third Class Saloon (WH)

Notes:

a) These 8 vehicles were built by Holmes, originally for West Highland Line and were brought into use when the line opened on 7th August 1894. A typical WHR train of the period is believed to have consisted of one first (diagram 5), plus two thirds (diagram 6) and a brake composite (diagram 7).

b) Brakes were originally Westinghouse only this was altered to dual (W & V) prior to 1912. In common with similar NBR stock, they were converted to vacuum only by the LNER prior to 1930.

List of North British Railway Carriage Diagrams

c) The vehicles would have been displaced from the WHR route around 1913, with the introduction of new bogie stock and re-allocated to secondary routes or cross-country services. In early LNER days, at least one train was noted as working from Duns. Towards the end of their life, some were used on special or excursion services.

d) GWMS passenger capacity (50) differs from HMRS (42) and AAM (40) - 40 assumed

NBR numbers: 1245-1252

Dimensions: Length over buffers: 50'-1" Body length: 47'-2"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 31'-6"

C0430

NBR (1908): 44 NBR(1921): 43 LNER: 34B

Eight Wheel Bogie Third 1901-1904

Description: :8 Compartment Third

Notes: Steel solebars

see drawing 358C for details of underframes and brakes.

NBR numbers: 1595-1664

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0450

NBR (1908): 46 NBR(1921): 45 LNER: 36B

Eight Wheel Bogie Third 1902

Description: :3 Compartment Brake Third

Notes:

NBR numbers: 1645-1656, 1767-1780

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0460

NBR (1908): 47 NBR(1921): 46 LNER: 37B

Eight Wheel Bogie Third 1902-05

Description: :Lavatory Third, 7 Compartment

Notes: 90 vehicles built as follows: Nos 1665-1675 built 1902, 1676-1693

built 1903, 1694-1744 built 1904, 1745-1754 built 1905

No 1745 involved in Elliot Junction disaster

These coaches were originally intended to be constructed to diagram 44/43, without lavatory.

NBR numbers: 1665-1754

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0580

NBR (1908): 60 NBR(1921): 58 LNER: 48B

Eight Wheel Bogie Third 1905

Description: :5 Compartment Brake Third

Notes: Reid's first coach design

NBR numbers: 1781-1790

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0720

NBR (1908): 75 NBR(1921): 72 LNER: 62B

Eight Wheel Bogie Third 1906-7

Description: :8 Compartment Corridor Third

Notes: 12 vehicles built 1906 of which 6 were required for Aberdeen

Block Trains. A further 44 built in 1907

NBR numbers: 1791-1846

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C0770

NBR (1908): 80 NBR(1921): 77 LNER: 65B/294B

Eight Wheel Bogie Third c1906

Description: :Corridor Brake Third

Notes: Steel Solebars

NBR numbers: 299, 414, 432, 442, 463, 478, 512, 530, 532, 1847-1853

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C0780

NBR (1908): 81 NBR(1921): 78 LNER: 66B

Eight Wheel Bogie Third 1906

Description: :Corridor Brake Third

Notes: Steel Solebars

NBR numbers: 417, 424, 481, 482, 500, 536, 548, 562, 579, 583, 1854-1863

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C0950

NBR (1908): 110 NBR(1921): 95 LNER: 73B

Eight Wheel Bogie Third 1908-16

Description: :5 Compartment Brake Third

Notes: This vehicle became the NBR's "standard" brake third until the introduction of the 4 compartment version c1920. Mixture of gas and electric lighting due to the fact that the NBR Directors decided to revert from electric to incandescent gas light in 1908 - this decision was reversed in 1913.

NBR numbers: 8, 24, 32, 44, 48, 56, 110, 118, 133, 141, 178, 226, 289, 300-309, 446, 508, 639, 1213

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1000

NBR (1908): 120 NBR(1921): 100 LNER: 76B

Eight Wheel Bogie Third 1909-1921

Description: :9 Compartment Third

Notes: Introduced by Reid in 1909, this type of vehicle became the NBR's standard non-corridor 3rd, with a total of 115 being built. The wooden bodies were constructed largely of teak, with the outside panels of mahogany. The interior was finished in yellow pine. Seats were woven wire upholstered in french carpet material of NB pattern. The floor of each compartment was covered in brown linoleum. Steam heated.

Originally, two compartments at each end of the vehicle were designated for smoking, indicated by blue labels with white letters. In some vehicles, the 4 smoking compartments were located together, 4 compartments from one end and 1 compartment from the other end.

NBR numbers: 5, 83, 103-106, 237-244, 398, 409-412, 445, 519, 533-537, 549-551, 572-575, 730, 1187

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1160

NBR (1908): NBR(1921): 116 LNER: 92B

Eight Wheel Bogie Third 1912

Description: :Compartment Coupe Third Brake (WH)

Notes: 8 Vehicles built for West Highland Railway

NBR numbers: 157, 164, 173, 175, 200, 210, 211, 224

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C1590

NBR (1908): NBR(1921): 159 LNER: 126B

Eight Wheel Bogie Third 1920

Description: :Vestibule Brake Third

Notes: Ordered on 3/3/1919, these were the only NBR brake third corridor vestibule vehicles with 4 compartments, although similar to other vehicle types built since 1906. Two compartments were designated for smoking. See drawing 1567C for details of lettering

NBR numbers: 557, 558

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1610

NBR (1908): NBR(1921): 161 LNER: 128B

Eight Wheel Bogie Third 1920

Description: :4 Compartment Brake Third

List of North British Railway Carriage Diagrams

Notes:

NBR numbers: 502-507, 509, 511, 513, 515, 516, 518, 520, 521, 523, 524, 526

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1620

NBR (1908): NBR(1921): **162** **LNER: 129B**

Eight Wheel Bogie Third 1920-21

Description: :Vestibule Third

Notes: see drawing 1520CB for details of lettering

NBR numbers: 559-561, 563-565, 568, 569, 584-591

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1660

NBR (1908): NBR(1921): **166** **LNER: 133B**

Eight Wheel Bogie Third 1921-22

Description: :Saloon Third

Notes: Two coaches built by Chalmers on 49 ft all-steel chassis.

AAM notes give layout as 1Third, 1Lav, 1Luggage, 1 Toilet, 3 Saloon.

NBR numbers: 1236, 1237

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

8 Wheel Bogie Composite

C0030

NBR (1908): **3** **NBR(1921):** **3** **LNER: 3B**

Eight Wheel Bogie Composite 1885

Description: :Luggage Composite

Notes: This was the first bogie coach built for NBR. Relatively few built.

NBR numbers: No running number identified

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 7'-6" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0070

NBR (1908): **7** **NBR(1921):** **7** **LNER: 7B**

Eight Wheel Bogie Composite 1894

Description: :Brake Composite Coupe (WH)

Notes:

a) These 6 vehicles were built by Holmes, originally for West Highland Line. It is assumed the build dates were similar to diagrams 5 & 6 and also assumed these vehicles were built at Cowlares, likewise. A typical WHR train of the period is believed to have consisted of one first (diagram 5), plus two thirds (diagram 6) and a brake composite (diagram 7).

b) There is less detailed information available on these coaches than the others (diagrams 5 & 6). It is reasonable to assume that brake details would have been similar, with Westinghouse originally, giving way to dual (W & V), then vacuum only by the 1930s

c) Some details of individual vehicle re-numbering by LNER is known. Nos: 32368-72 have been identified, but uncertain how they match to the NBR nos.

d) One vehicle (original number not known), was re-numbered 466, when it was converted to an officer's saloon in 1918 and became diagram 150, which lasted until 1960

e) All other vehicles were withdrawn by the LNER by 1939.

NBR numbers: 202-207

Dimensions: Length over buffers: 50'-1" Body length: 47'-8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 31'-6"

C0700

NBR (1908): **73** **NBR(1921):** **70** **LNER: 60B**

Eight Wheel Bogie Composite 1906-7

Description: :Corridor Lavatory Composite

Notes: 4 vehicles built in 1906 for Aberdeen Block Trains. Further five built 1907. Used GWMS bogie centre dimension. HMRS quotes 48'-5"

NBR numbers: 241-249

Dimensions: Length over buffers: 61'-2.3/4" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C0930

NBR (1908): **107** **NBR(1921):** **93** **LNER:**

Eight Wheel Bogie Composite 1879

Description: :Lavatory Composite

Notes: 6 Vehicles transferred to NBR c1898. Running numbers believed to be correct

NBR numbers: 212-217

Dimensions: Length over buffers: 43'-2" Body length: 40'-0"

Body width: 8'-1" **Roof height:** 11'-8"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 24'-8"

C1010

NBR (1908): **123** **NBR(1921):** **101** **LNER: 77B**

Eight Wheel Bogie Composite 1910

Description: :Luggage Composite

Notes: These carriages were a development of an earlier bogie luggage composite introduced by the NBR c1890. They were useful as through carriages, where brake vehicles were not required. The first class accommodation consisted of 2 smokers, 2 non-smokers and 1 smoker and the third class was 2 smoker and 1 non-smoker. First compartments seated 4 per side and thirds 5 per side. Gas was supplied from two cylinders and fed to each lamp through a roof mounted pipe.

NBR numbers: 24, 58, 148, 150, 256

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1070

NBR (1908): NBR(1921): **107** **LNER: 83B**

Eight Wheel Bogie Composite 1911-16

Description: :Composite

Notes:

NBR numbers: 6, 7, 9, 11, 13, 26, 27, 113, 117, 130, 131, 137

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1080

NBR (1908): NBR(1921): **108** **LNER: 84B/242B**

Eight Wheel Bogie Composite 1907/1911

Description: :Corridor Composite

Notes: Converted from 1920 diagram 75

NBR numbers: 157-160

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1090

NBR (1908): NBR(1921): **109** **LNER: 85B**

Eight Wheel Bogie Composite 1908

Description: :Composite

Notes:

a) Loco & Stores Committee at meeting on 18/5/1911, agreed to convert 10 firsts to composites at cost of £215 each.

b) 6 of the coaches converted were from diagram 76 stock, nos 448-453. They were re-numbered in the composite series as 151-156 and allocated diagram 109. These 6 were from an original batch of 8 diagram 76 Firsts built by Brush. SEE DIAGRAM REF:079/076 for details.

c) The NBR conversion c1911 did not alter the exterior, other than the painting style.

d) As originally constructed, only Westinghouse brakes were fitted, but dual systems were fitted from around 1910. LNER gradually replaced dual systems with vacuum only.

NBR numbers: 151-156

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1170

NBR (1908): NBR(1921): **117** **LNER: 93B**

Eight Wheel Bogie Composite 1912

Description: :Composite Coupe (WH)

List of North British Railway Carriage Diagrams

Notes: 4 vehicles built for West Highland Railway

NBR numbers: 70-73

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C1190

NBR (1908): NBR(1921): 119 LNER: 95B

Eight Wheel Bogie Composite 1913

Description: :Brake Composite

Notes: steel underframe

NBR numbers: 81, 83, 116, 133

Dimensions: Length over buffers: 61'-2.3/4" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1200

NBR (1908): NBR(1921): 120 LNER: 96B

Eight Wheel Bogie Composite 1913/14

Description: :Corridor Luggage Composite

Notes: Luggage compartment doors were fitted with one droplight and one fixed light and the glass was protected by horizontal brass bars, 5 per window. Torpedo ventilators were provided over the extreme end compartments (located over compartment centreline) and over the lavatories (located over carriage centreline). Lighting wiring was carried on the roof of the vehicle, similar to gas lighting in other vehicles. LNER diagrams 297B and 298B were identical, except for the design of the armrests.

NBR numbers: 1-5, 57, 64, 66, 76, 80

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1210

NBR (1908): NBR(1921): 121 LNER: 97B

Eight Wheel Bogie Composite 1905 (NER)

Description: :Composite Dining Carriage

Notes: Acquired by NBR in 1913

NBR numbers: 161, 463

Dimensions: Length over buffers: 55'-10" Body length: 53'-6"

Body width: 9'-0" **Roof height:** 12'-8.5/8"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 36'-6"

C1240

NBR (1908): NBR(1921): 124 LNER: 100B

Eight Wheel Bogie Composite 1913

Description: :Semi Corridor Composite

Notes:

NBR numbers: 14, 15, 18, 20-23, 25, 46-54

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

C1490

NBR (1908): NBR(1921): 149 LNER: 118B/254B

Eight Wheel Bogie Composite

Description: :Composite

Notes: These coaches were converted from Holmes diagram 1 (see ref. C0010)

NBR numbers: No running number identified.

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 7'-6" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C1600

NBR (1908): NBR(1921): 160 LNER: 127B

Eight Wheel Bogie Composite 1920

Description: :Vestibule Brake Composite

Notes: see drawing 1543CB for details of lettering

NBR numbers: 31, 32, 59, 60

Dimensions: Length over buffers: 61'-2.7/8" Body length: 58'-4"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 42'-5.3/8"

8 Wheel Bogie NPCS

C0490

NBR (1908): 50 NBR(1921): 49 LNER: 40B

Eight Wheel Bogie NPCS c. 1904

Description: :Passenger Brake Van

Notes: Centrally placed lookouts.

NBR numbers: 289, 293, 294, 298

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-0" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0660

NBR (1908): 69 NBR(1921): 66 LNER: 56B

Eight Wheel Bogie NPCS c1905

Description: :Bogie Open Carriage Truck with Folding Sides (15 ton)

Notes: On 27/4/1905, the L&S Committee agreed to the construction of 2 vehicles at a cost of £377 each for theatrical traffic. Charged to capital. AAM notes say vehicles fitted with centre door and body width at door was 7ft 5in.

NBR numbers: 215, 216

Dimensions: Length over buffers: 52'-7" Body length: 49'-0"

Body width: 8'-0" **Roof height:** 5'-9.3/4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0680

NBR (1908): 71 NBR(1921): 68 LNER: 58B

Eight Wheel Bogie NPCS 1906

Description: :Passenger Brake Van

Notes: Appears these were also used on Aberdeen Block Trains until superseded by 1920 diagram 71 Brakes in 1911 - these had corridor connection.

NBR numbers: 4, 15, 24, 32, 82, 84, 127, 128, 129, 138

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" **Roof height:** 11'-9"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C0710

NBR (1908): 74 NBR(1921): 71 LNER: 61B

Eight Wheel Bogie NPCS 1906-21

Description: :Passenger Brake Van

Notes: 4 vehicles built in 1906 for use on Aberdeen Block Trains. Further 3 built in 1912 and 6 more in 1921

NBR numbers: 305-308 (1906 build)

25-27, 30, 35

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" **Roof height:** 12'-4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C1250

NBR (1908): NBR(1921): 125 LNER: 101B

Eight Wheel Bogie NPCS c1914

Description: :Bogie Open Carriage Truck (15 tons)

Notes: Fixed sides and folding ends.

NBR numbers: No running number identified.

Dimensions: Length over buffers: 52'-10" Body length: 49'-3"

Body width: 8'-0" **Roof height:** 5'-9.3/4"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

C1260

NBR (1908): NBR(1921): 126 LNER: 102B

Eight Wheel Bogie NPCS c1916

Description: :Bogie Covered Carriage Truck (10 tons)

Notes: End loading doors and side hinged doors, which were at 27ft 6in centres.

NBR numbers: 124, 125

Dimensions: Length over buffers: 52'-10" Body length: 49'-6"

Body width: 8'-6" **Roof height:** 12'-10"

Wheelbase: 8'-0" **Diameter:** 3'-6" **Bogie Ctrs:** 34'-0"

8 Wheel Bogie Unclassed

C1020

NBR (1908): 124 NBR(1921): 102 LNER: 78B

List of North British Railway Carriage Diagrams

Eight Wheel Bogie Unclassed 1910

Description: :Directors & Inspection Saloon

Notes: Steel Solebars

NBR numbers: 470

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

CI500

NBR (1908): NBR(1921): 150 LNER: 7A

Eight Wheel Bogie Unclassed

Description: :Officers Saloon

Notes:

a) This Officer's Saloon was converted from an ex-West Highland brake composite (diagram 7).

b) Brakes originally Westinghouse only, which was converted to dual (W & V) probably around 1912. The Westinghouse braking system was removed by the LNER, probably in the 1930s.

NBR numbers: 466

Dimensions: Length over buffers: 50'-1" Body length: 47'-8"

Body width: 8'-0" Roof height: 11'-9"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 31'-6"

CI520

NBR (1908): NBR(1921): 152 LNER: 120B

Eight Wheel Bogie Unclassed 1919

Description: :Invalid Saloon

Notes: Although ordered in 1915, this vehicle was not built until after the war in 1919. The original layout was first class compartment, toilet, saloon with sofa, table, 6'-6" x 3'-0" bed and three fixed seats, toilet, third class compartment and luggage compartment. The saloon door from the outside was, in fact, two doors, one being standard and the other a smaller door, presumably to facilitate the invalid entry. A standard vestibule connection was provided at each end. The car became E32283 under BR and latterly Sc32283E. On withdrawal, it was selected for use as a District Engineer's saloon based at Inverness and was renumbered as DE320577. Both ends were altered at this time. This saloon is believed to be the one now preserved by SRPS.

NBR numbers: 461

Dimensions: Length over buffers: 52'-7" Body length: 49'-8.1/8"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 8'-0" Diameter: 3'-6" Bogie Ctrs: 34'-0"

12 Wheel Bogie First

CI530

NBR (1908): NBR(1921): 153 LNER: 121B

Twelve Wheel Bogie First 1919

Twelve Wheel Bogie Carriages

Description; :First Dining Carriage

Notes: Vehicle built by Cravens - all steel construction

NBR numbers: 467

Dimensions: Length over buffers: 68'-11.5/8" Body length: 66'-0.3/4"

Body width: 9'-0" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 45'-10.1/4"

CI550

NBR (1908): *NBR(1921)*: **155 LNER: 123B**

Twelve Wheel Bogie First

Description; :First Class Dining Carriage

Notes: Built by GNR at Doncaster - transferred to NBR 1919. This vehicle's height exceeded the NBR loading gauge of 12'-11" and as such was severely restricted as to route availability.

NBR numbers: 462

Dimensions: Length over buffers: 65'-8.1/2" Body length: 63'-8.1/4"

Body width: 9'-0" Roof height: 13'-3.5/8"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 34'-8.1/2"

12 Wheel Bogie Third

CI450

NBR (1908): *NBR(1921)*: **145 LNER:**

Twelve Wheel Bogie Third 1879

Description; :Lavatory Third

Notes: Conversion of diagram 92 (see ref. C0920) ex-MSJS lavatory composite to lavatory third. Running numbers listed are those first allocated when vehicles transferred to NBR. Not known if these numbers were changed on conversion to all third.

NBR numbers: 205, 209, 210, 211 were allocated when first transferred to NBR

Dimensions: Length over buffers: 57'-2" Body length: 54'-0"

Body width: 8'-1" Roof height: 11'-8"

Wheelbase: 5'-6" Diameter: 3'-7" Bogie Ctrs: 35'-9"

CI540

NBR (1908): *NBR(1921)*: **154 LNER: 122B**

Twelve Wheel Bogie Third 1919-20

Description; :Third Dining Carriage

Notes: 2 vehicles built by Cravens - all steel construction

NBR numbers: 1238,1239

Dimensions: Length over buffers: 68'-11.5/8" Body length: 66'-0.3/4"

Body width: 9'-0" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 45'-10.1/4"

12 Wheel Bogie Composite

C0730

NBR (1908): **76** *NBR(1921)*: **73 LNER: 130B**

Twelve Wheel Bogie Composite 1907

Description; :Composite Dining Carriage

Notes: 3 vehicles built and used on Edinburgh/Aberdeen and Edinburgh/Glasgow trains. Diagram 76/73 were similar to 77/74 but were fitted with one lavatory. Dining accommodation was in compartments, not saloon. Later converted to composite saloon (see 1920 diagram 163)

NBR numbers: 253-255

Dimensions: Length over buffers: 65'-10.5/8" Body length: 63'-0"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 42'-9.1/2"

C0740

NBR (1908): **77** *NBR(1921)*: **74 LNER: 131B**

Twelve Wheel Bogie Composite 1907

Description; :Composite Dining Carriage

Notes: 3 vehicles built and used on Edinburgh/Aberdeen and

Edinburgh/Glasgow trains. Diagram 74 (1920) were similar to 73 (1920) but were fitted with two lavatories. Dining accommodation was in compartments, not saloon. Later converted to composite saloon - see 1920 diagram 164 (ref C1640) for details and for list of running numbers.

NBR numbers: 250-252

Dimensions: Length over buffers: 68'-11.5/8" Body length: 66'-0.3/4"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 45'-10.1/4"

C0920

NBR (1908): **106** *NBR(1921)*: **92 LNER:**

Twelve Wheel Bogie Composite 1879

Description; :Lavatory Composite

Notes:

NBR numbers: 205, 209-211

Dimensions: Length over buffers: 57'-2" Body length: 54'-0"

Body width: 8'-1" Roof height: 11'-8"

Wheelbase: 5'-6" Diameter: 3'-7" Bogie Ctrs: 35'-9"

CI220

NBR (1908): *NBR(1921)*: **122 LNER: 98B**

Twelve Wheel Bogie Composite 1905

Description; :Composite Dining Carriage

Notes: These two clerestory vehicles were built at Doncaster in 1905 and were originally ECJS no196 (162) and 353 (163) They were transferred to NBR in 1913.

NBR numbers: 162, 163

Dimensions: Length over buffers: 66'-2.1/2" Body length: 64'-2.1/2"

Body width: 9'-0" Roof height: 12'-8.5/8"

Wheelbase: 11'-9" Diameter: 3'-6" Bogie Ctrs: 41'-2.1/2"

CI510

NBR (1908): *NBR(1921)*: **151 LNER: 119B**

Twelve Wheel Bogie Composite 1919

Description; :Composite Dining Carriage

Notes: 3 vehicles built by Cravens - all steel construction

NBR numbers: 164-166

Dimensions: Length over buffers: 68'-11.5/8" Body length: 66'-0.3/4"

Body width: 9'-0" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 45'-10.1/4"

CI630

NBR (1908): *NBR(1921)*: **163 LNER: 130B**

Twelve Wheel Bogie Composite c1919

Description; :Composite Corridor Saloon

Notes: These were converted from diagram 76/73 dining carriages

NBR numbers: 253-255

Dimensions: Length over buffers: 65'-10.7/8" Body length: 63'-0"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 42'-9.1/2"

CI640

NBR (1908): *NBR(1921)*: **164 LNER: 131B/233B**

Twelve Wheel Bogie Composite 1907

Description; :Composite Corridor Saloon

Notes: These vehicles were created by conversion (around 1919) from 1920 diagram 74 (ref C0740) dining carriages.

NBR numbers: 250-252

Dimensions: Length over buffers: 68'-4.5/8" Body length: 66'-0.3/4"

Body width: 8'-6" Roof height: 12'-4"

Wheelbase: 12'-0" Diameter: 3'-6" Bogie Ctrs: 45'-10.3/4"

References

This list has been compiled from the following sources:

1. The extensive notes and articles by A.A. Maclean.
2. Notes by W.M. Shaw.

3. Articles by James Watson published in the HMRS Journal.
4. "NBR Coaches - A Design Review" by G.W.M. Sewell