

List of drawings primarily applicable to the 15th Class Garratt locomotives originally operated on Rhodesia Railways.

Notes to readers

In March 1998 arrangements had been made to purchase a complete set of drawings applicable to the 15th Class locomotives after No. 398 had been purchased by a private group in New Zealand for eventual export to that country.

The source documents for the drawings in this list were the original ink-on-linen or ink-on-film tracings held in the National Railways of Zimbabwe Drawing Office in Bulawayo.

Those tracings that were approximately A4 size (generally slightly larger) were photocopied in the drawing office and reduced to A4 size in the process. Those tracings that were larger were printed full size on the drawing office's plan printer.

Once all the drawings had been transported to NZ the details were entered into a database from which this list has been produced.

Alan Bailey
July 2009

List of NRZ drawings applicable to Beyer-Peacock built Garratt locomotives.

These drawings are in the possession of The Flying Fifteen Group
and are principally concerned with the 15th Class locomotives.

1) The letter under "Drg. Type", indicates the drawing content as under:-

- D = Detail drawing with manufacturing dimensions. These generally show dimensions for a single item or several items, but no (or very little) assembly information.
- R = Arrangement drawing with a few dimensions critical to an assembly.
- DR = An arrangement drawing that also shows the dimensions of all the components.
- S = Assembly drawing, usually without dimensions, but with references to the drawing numbers of the component parts and Stores catalogue numbers.
- I = An Index to components or an Instruction to workshops or suppliers.
- M = Miscellaneous drawings, charts, etc.
- SS = Drawing of a part finished item that was used as Stores Stock and required further machining to finished size.

2) Drawing numbers:-

There are four main sequences of drawing numbers:-

a) Numbers consisting of four digits, or four digits preceded by an "L". These are drawings produced in the RR (or NRZ) drawing office in Bulawayo.

All drawing numbers commencing with the same four digits (or "L" followed by four digits) refer to Details, Assemblies, Arrangements, or an Index, for the same item or group of items.

e.g. All drawing numbers commencing with 4369 refer to 3" Ross pop safety valves.

All drawing numbers commencing with L6655 refer to No.7 4-pint mechanical lubricators.

For full details see the Part Drawing Index at the front of the folder containing.

the A4 size drawings. (the file named "NRZ Part Drawing Index.pdf" also contains this information).

To confuse matters, there are several instances of a whole series of drawings having the same number.

b) Numbers commencing 74/T8082/ and followed by up to three digits. These are the original drawings produced by Beyer-Peacock for the original four 15th class locos numbers 271 - 274. These locos were later renumbered 350-353.

c) Numbers commencing 81/T2926/ and followed by up to three digits. These are the Beyer Peacock drawings for the later batches of locos, 275-293 and 364-413 (built by Beyer-Peacock), and 414-423 (built by Franco-Belge).

Note that on most RR and NRZ detail drawings, any reference to the BP drawings are abbreviated to the first and last numbers, e.g. drawing 81/T2926/153 will be quoted as 81/153.

d) Other drawings such as Charts, Diagrams, Indexes, Lists & Sketches that may not have a drawing number as such.

4) Drawing sizes given in this listing:-

A4 These are all standard ISO A4 size drawings.

They were photocopied and reduced from the original ink on linen tracings.

The linear size is approximately 75% of the original tracings.

B1 These drawings are all approximately 700mm high but vary in length.

A1 These drawings are all approximately 600mm high but vary in length.

A2 These drawings are all approximately 400mm high but vary in length.

The B1, A1, and A2 drawings are all original size, but are not standard A or B ISO size drawings.

5) Section numbers:- These do not appear on the original drawings but have been added to aid locating drawings. These follow the standard system used by the New Zealand Railways with minor modifications.

A copy of this is given on the following page. Some drawings may appear under more than one section.

6) Some drawings have been scanned and converted to PDF files.

The filename for these is given under File Name, followed by the file size.

Most are in monochrome bitmap format to keep the file size as small as possible.

Where the drawings contain fine detail they are in greyscale format, much larger, and usually have HQ in the file name.

This version of the list updated 09 September 2011.

LIST OF SECTION NUMBERS

- 0 Various lists, indexes, etc.
- 1 Arrangement: General
- 2 Arrangement: Piping
- 3 Ashpan, ashpan doors, dampers, and operating gear.
- 4 Axleboxes, wedges, horn guides, and hornstays (driving wheels)
- 5 Axleboxes, wedges, horn guides, and hornstays (bogies)
- 6 Boiler shell, incl dome, firebox wrapper, faceplate and throatplate.
- 7 Boiler seatings and pads for mountings, expansion angles, brackets, etc.
- 8 Brake rigging, including brake shafts, rods, beams, hangers, brake blocks & shoes, hand brake.
- 9 Brake equipment (vacuum & steam), including cylinders, ejectors, and piping.
- 10 Buffers, couplings and other drawgear equipment.
- 11 Cab, including windows, seats, cab tool boxes, tablet exchangers, firedoor screens, name & number plates.
- 12 Clothing, incl boiler cladding, handrails, running boards, splashers etc.
- 13 Connecting rods, including bushes and brasses, but not gudgeon pins.
- 14 Coupling rods, including bushes & brasses, and knuckle pins & bushes.
- 15 Crossheads (Main & Valve), crosshead slippers & liners, gudgeon pins.
- 16 Cylinders, including covers, clothing, bypass valves and attachments but valves or drain cocks.
- 17 Cylinder cocks and pressure relief valves.
- 18 Engine pivot centres and side bearers.
- 19 Eccentric rods, crank arms, and valve rods.
- 20 Firebox (inside), foundation ring, firehole, syphons & circulation pipes, tube plate.
- 21 Fire-hole, fire door & operating gear, flame deflector plate.
- 22 Firebrick arch and carriers.
- 23 Firebars, including carriers, dead bars, drop grate, and operating gear.
- 24 Framing (engine & boiler), headstocks, framestays, platforms, footsteps, motion brackets, brake hanger brackets, cowcatchers.
- 25 Framing (bogies) and details.
- 26 Heating apparatus and piping.
- 27 Injectors and operating gear, incl pipe clips, valve spindles etc.
- 28 Lamps and brackets, including generators, wiring, switchgear, and conduits.
- 29 Lubricators (displacement & mechanical), including oil boxes, oil & grease cups, atomisers and associated piping.
- 30 Miscellaneous, experimental, incl charts, diagrams, scrapping sizes, standard fittings, etc.
- 31 Motion, including weighbar shafts, and valve event diagrams.
- 32 Mountings & fittings, incl clack boxes, blowdown valves, snifting valves, cab valves & spindles, washout plugs, whistle, fusible plugs, gauge glasses.
- 33 Packings, including packings for piston and valve rods.
- 34 Pipes, main steam, internal steam (dry pipe & turret feeds), exhaust steam, equilibrium water pipes.
- 35 Pistons & piston rods (but not crossheads).
- 36 Regulator, regulator lever, linkages and other details.
- 37 Reversing gear, levers, and details (but not main weighbar shafts).
- 38 Sand boxes and operating gear, and rail washing equipment.
- 39 Slidebars & bolts (but not slidebar brackets).
- 40 Smokebox, including spark arrester, blast pipe, funnel, petticoat, blower, ash ejector, and drain pipes.
- 41 Springs, spring hangers, pins, brackets, and compensating gear (engine).
- 42 Springs, spring hangers, pins, brackets, and compensating gear (bogies).
- 43 Stays (boiler)
- 44 Superheater, including header, elements and fittings.
- 45 Tanks, equalising pipes, injector supply fittings, strainers, bunkers.
- 46 Tools & equipment, incl jacks, tool boxes (not including cab boxes), and signal equipment.
- 47 Tubes, flues, and ferrules.
- 48 Valves including spindles and crossheads.
- 49 Valves, safety.
- 50 Wheels, tyres, axles, and crank pins (engine).
- 51 Wheels, tyres, axles (bogies).
- 99 Tools used for general manufacturing & repair (not for a specific class of locomotive), incl taps, reamers, tube expanders etc.

The information given in this list is arranged in the following format:-

Section No.	Drg No.	Drg type	Drg size	Original date	Revision No.	Revision date	File Name
			Arrgt Drg used on				File size in Bytes

Drawing title
Loco class used on
Original engine numbers that the drawing is applicable to (where known)
Note 1
Note 2

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SECTION 0							
81/T2926/290	I	B1	10/45	----	----		Not scanned

Index (to drawings)
15

Consolidated list of Beyer-Peacock drawings for
Order Nos. 74/T8082 and 81/T2926.

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SECTION 0							
D1	D	A4	----	----	----		NRZ Part Drawing Index.pdf 123 K

Part drawing index - locomotives
All RR & NRZ locos

This is a 5 page document giving the basic drawing numbers applicable to the various parts of steam locomotives.

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SECTION 1							
81/T2926/1	R	B1	10/45	----	----		Not scanned

Diagram (of locomotive)
15
354 - 413
Shows diagram of loco, principal dimensions, axle loads, tractive effort, boiler data, fuel & water capacity, etc.

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SECTION 1							
81/T2926/2	R	B1	10/45	2	07/59	81-T2926-2.pdf	55 M

General arrangement, front engine
15
Shows from headstock of front engine back as far as the boiler frame pivot.
Does not include inner bogie.

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SECTION 1							
81/T2926/3	R	B1	10/45	2	06/59	81-T2926-3.pdf	65 M

General arrangement, front
15
354 - 413
Shows boiler unit from front pivot back as far as firebox tube plate.
Includes front engine inner bogie.

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SECTION 1
81/T2926/4 R B1 10/45 ----- 81-T2926-4.pdf 64 M

General arrangement, hind.
15
354 - 413
Shows from firebox tube plate back to hind pivot.

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SECTION 1
81/T2926/5 R B1 10/45 ----- 81-T2926-5.pdf 100 M

General arrangement, hind engine.
15
354 - 413
Shows from (but not including) hind pivot to headstock of hind engine.

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SECTION 2
4749 D B1 04/50 ----- Not scanned

Standard pipe fittings (bronze, for copper pipes).
15 and other locos

Shows standard bronze fittings used for copper pipes including cones, sockets,
nipples, union nuts, cap nuts, fluted union nuts, & gauges for manufacturing.

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SECTION 2
81/T2926/233 R B1 10/45 ----- Not scanned

Pipe arrangement (Boiler, front part)
15
354 - 423
Drawing scale is 1 inch = 1 foot (not 3" = 1' as marked)

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SECTION 2
81/T2926/234 R B1 10/45 ----- Not scanned

Pipe arrangement (Boiler, hind part)
15
354 - 423
Drawing scale is 1 inch = 1 foot (not 3 inch = 1 foot, as marked).

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SECTION 2
81/T2926/235 R B1 10/45 ----- Not scanned

Pipe arrangement (Engine front part)
15
354 - 423
Drawing scale is 1 inch = 1 foot (not 3" = 1 foot, as marked).

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SECTION 2
81/T2926/236 R B1 10/45 ----- Not scanned

Pipe arrangement (Engine hind part & end views)
15
354 - 423
Drawing scale is 1" = 1 foot (not 3" = 1 foot, as marked).

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SECTION 2
81/T2926/39 R B1 ----- 9 11/69 81-T2926-39.pdf 87 M

Firebox fixings arrgt. (Arrgt. of backhead fittings)
15

354 - 413

Shows layout of piping, gauges, valves, etc in cab on backhead of boiler.

=====
SECTION 2
81/T2926/41 R B1 10/45 ----- Not scanned

Drifting pipe arrangement

15

354 - 423

This equipment removed from 1957 onwards.

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SECTION 2
81/T2926/51 S B1 10/45 ----- Not scanned

Lubrication & auxiliary steam diagrams

15

354 - 423

Diagram only, no dimensions.

Shows connections from Detroit lubs., mech. lubs, and steam turrets.

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SECTION 2
81/T2926/52 D B1 10/45 ----- Not scanned

Steam valves on turrets

15

354 - 423

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SECTION 2
81/T2926/59 R B1 10/45 3 02/52 Not scanned

Injector arrangement (on loco)

15

354 - 413

Shows installation of injectors & piping etc. on loco.

Drg marked: "Cancelled, see drg. L-6650".

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SECTION 2
81/T2926/6 R B1 10/45 4 1960 Not scanned

Pipe arrangement (Boiler)

15

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SECTION 2
81/T2926/7 R B1 10/45 ----- Not scanned

Modification to pipe arrangement

15

354 - 413

Concerns modifications made to injector piping on locos. 364 to 413

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SECTION 2
81/T2926/8 R B1 10/45 ---- ---- Not scanned

Pipe arrangement, hind engine
15

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SECTION 2
I/4749/21 D A4 ---- 1 ---- I-4749-21.pdf 30 K

1-1/2" Pipe Cone
15 and all others

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SECTION 2
L8/4749/14 D A4 11/57 0 ---- L8-4749-14.pdf 42 K

Fluted Nut, Ejector exhaust pipe elbow
14A,15,16A,17,20,20A

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SECTION 3
74/T8082/41 D B1 02/39 ---- ---- Not scanned

Carriers & supports
15
271 - 274

Shows carriers & supports for ashpan and support for rocking grate rod.

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SECTION 3
81/T2926/25 DR B1 10/45 3 07/62 Not scanned

Ashpan arrangement.
15

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SECTION 3
81/T2926/29 D B1 10/45 ---- ---- Not scanned

Side & sliding door details
15
354 - 413

Shows details of doors in ashpan. For arrgt. see drg. 81/25.

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SECTION 3
81/T2926/69 D B1 10/45 ---- ---- Not scanned

Ashpan drench cock etc.
15
354 - 423

Shows valve, operating rod, and various brackets.

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SECTION 3
L6644 S A4 ----- L6644_Valve_No_18.pdf 56 K

Valve No.18
14A,15,16A,20,20A

Used on 15th class for Ashpan drench

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SECTION 3
L7436 DR B1 11/58 6 01/65 Not scanned

Modified ashpan doors & operating mechanism.
15,16A

For ashpan arrgt. & details see drgs. L-9346 & L-9347

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SECTION 3
L9346 DR B1 02/79 ----- Not scanned

Ashpan arrangement
15,15A,16A

For further details see drg. L-9347

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SECTION 3
L9347 D B1 02/79 ----- Not scanned
L9346

Ashpan details
15,15A,16A

For ashpan arrangement see drg. L-9346

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SECTION 4
81/T2926/138 D B1 10/45 ----- Not scanned

Coupled axlebox guide etc.
15
354 - 413
Shows frame liner & wedge, horn keep, axlebox spring pedestal.

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SECTION 4
L6309 D B1 01/49 ----- Not scanned

Modified hornclips & bolts
14,14A,15,16,16A

See also A4 size drawings in the L-6713/xx series

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SECTION 4
L6879/122 D A4 ----- L6879-122.pdf 39 K

Shoe (modified), cannon box guide
14A,15,16A

SECTION 4
L6879/123 D A4 ----- ----- ----- L6879-123.pdf 40 K

Wedge (modified), cannon box guide
14A,15,16A

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SECTION 4
L6879/132 D A4 ----- ----- ----- L6879-132.pdf 29 K

Shoe, cannon box guide
14A,15,16A

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SECTION 4
L6879/133 D A4 ----- ----- ----- L6879-133.pdf 29 K

Wedge, cannon box guide
14A,15,16A

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SECTION 4
L6987/5 D A4 ----- ----- ----- L6987-5.pdf 34 K

Carrier, wedge adjusting bolt
15 and other locos

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SECTION 4
L7304/17 D A4 ----- ----- ----- L7304-17_HQ.pdf 149 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 17, Coupled wheel axleboxes with grease lubrication

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SECTION 4
L8644 D B1 02/72 ----- ----- Not scanned

Coupled wheel axlebox keep
12,14,14A,15,16A,19

Drawing marked:- "This drg. cancels drg L-7181.
To be read in conjunction with drg. L-7182".

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SECTION 4
L9268 D A1 05/78 G 07/84 Not scanned

Proposed cannon axlebox for coupled wheels
14A,15,16A,20,20A

These cannon boxes were certainly applied to the 15th class.

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SECTION 4

L9337 D A1 10/78 ---- Not scanned

Alteration to pivot centre pillars, covers & axlebox
14A,15

SECTION 4

L9849 DR A1 06/89 ---- Not scanned

Fitting of cannon axleboxes with spring steel plates (liners) in lieu of manganese plates.
14A,15,16A,20,20A

This drawing supersedes drg. with same no. dated 09/09/87

SECTION 5

74/T8082/157 DR B1 02/39 3 07/88 Not scanned

Skefco bogie axlebox
15

Originally fitted with SKF I.26306.MC (160 x 300 x 102) bearings.
Later replaced by SKF 23232C/W33 (160 x 290 x 104) type.

SECTION 5

81/T2926/185 D B1 10/45 9 02/64 Not scanned

Axlebox, bolster, etc.

15
354 - 423

Shows bogie centre casting, horns, horn keeps, lubrication pipes, for inner & outer bogies.

SECTION 5

L6715/85 D A4 ---- L6715-85.pdf 47 K

Shoe (liner), bogie axlebox guide
15

SECTION 5

L6879/106 D A4 ---- L6879-106_HQ.pdf 454 K

Collar (inner), outer & inner bogie axleboxes
15

350-413

SECTION 5

L6879/107 D A4 ---- L6879-107_HQ.pdf 310 K

Collar (outer), outer & inner bogie axleboxes
15

350-413

SECTION 5
L7286 R B1 04/57 ----- Not scanned

Fitting of modified bogie axlebox guide shoe (Horn liner)
15
350 - 423

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SECTION 6
5647 D B1 03/47 ----- Not scanned

Water tube inspection plug & seating.
11,12,13,14,16

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SECTION 6
5712/1 I A2 07/42 ----- Not scanned

Method of restoring oversize staybolt holes in ... wrapper plates to original size ...
7,9,9A,9B,11,12,13,14,15,16

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SECTION 6
74/T8082/22 D B1 02/39 ----- Not scanned

Expansion angles & steady bracket.
15
271 - 274

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SECTION 6
74/T8082/24 D B1 02/39 ----- Not scanned

Palm stays & turret feed pipe details
15

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SECTION 6
74/T8082/28 D B1 02/39 ----- Not scanned

Dome (for boiler)
15

Also shows dome cover & regulator carrier bracket.

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SECTION 6
81/T2926/10 D B1 10/45 1 ----- 81-T2926-10.pdf 97 M

Boiler & firebox full size sections.
15
354 - 423
Original riveted boiler.

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SECTION 6
81/T2926/11 DR B1 10/45 ----- 81-T2926-11.pdf 89 M

Boiler & firebox sections etc.
15
354 - 423
Shows sections through riveted joints & crown stays.

SECTION 6
81/T2926/12 DR B1 10/45 ----- 81-T2926-12.pdf 98 M

Gusset stay at firebox backplate.
15
354 - 423

SECTION 6
81/T2926/13 D B1 10/45 1 12/50 81-T2926-13.pdf 49 M

Gusset stay at smokebox tubeplate (also tube & flue fixing arrangements)
15
354 - 413
Drawing marked:- "This drg. supersedes Drg. No. 81/13A".
Original riveted boiler.

SECTION 6
81/T2926/16 D B1 10/45 ----- 81-T2926-16.pdf 7 M

Water space stays etc.
15
354 - 413
Also shows cast seatings for washout plugs for crown sheet and horizontal stays above crown sheet.

SECTION 6
81/T2926/17 D B1 10/45 ----- 81-T2926-17.pdf 7 M

Mud and fusible plugs etc.
15
354 - 423
Also shows cast seatings for firebox corner mud plugs.

SECTION 6
81/T2926/24 D B1 10/45 1 01/65 81-T2926-24.pdf 167 M

Flanged plates
15
354 - 413
Shows all flanged boiler plates including, dome, dome cover, and wrapper plates.
Original riveted boiler.

SECTION 6
81/T2926/9 DR B1 10/45 ----- Not scannable

Boiler & firebox arrangement
15

Marked:- "Redrawn. See drgs. 81/T.2926/9A,9B & 9C"
This drg. probably not copyable.

SECTION 6
81/T2926/9A R B1 10/45 ---- 06/67 81-T2926-9A.pdf 94 M

Boiler & firebox arrangement (horizontal section)
15

BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 6
81/T2926/9B R B1 10/45 ---- 06/67 81-T2926-9B.pdf 81 M

Boiler & firebox arrangement (plan)
15

354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 6
81/T2926/9C R B1 10/45 ---- 06/67 81-T2926-9C.pdf 10 M

Boiler & firebox arrangement (cross sections)
15

354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 6
L6644 S A4 ---- ---- ---- L6644_Valve_No_26.pdf 85 K

Valve No.26 (Everlasting blow-off cock).
15 and most others

"Everlasting" boiler blowdown cock

SECTION 6
L6987/16 D A4 ---- ---- ---- L6987-16.pdf 42 K

Liner, firebox expansion angle
15 and other locos

SECTION 6
L7669 R B1 10/60 ---- ---- L7669.pdf 51 M

Fitting of caustic embrittlement warning plugs to boiler throat plate.
15,16A,20,20A

SECTION 6
L8192 DR B1 10/65 3 11/67 Not scanned

All welded boiler, barrel-throat plate unit.
15,15A,16A

SECTION 6

L8230 DR B1 04/66 3 02/67 Not scanned

Welded boilers, General arrangement, elevation.
15,15A,16A

SECTION 6

L8231 DR B1 04/66 ---- ---- Not scanned

Welded boilers, General arrangement, end views.
15,15A,16A

SECTION 6

L8232 R B1 04/66 ---- ---- Not scanned

Welded boilers, General arrangement, plan
15,15A,16A

SECTION 6

L8233 D B1 04/66 1 07/66 Not scanned

Welded boilers, Firebox gusset stays & backplate.
15,15A,16A

SECTION 6

L8234 D B1 04/66 1 07/67 Not scanned

Welded boilers, boiler seatings.
15,15A,16A

Shows seatings for arch tube plugs, clackbox, water gauges and
firebox corner washout plugs.

SECTION 6

L8235 D B1 04/66 ---- ---- Not scanned

Miscellaneous details (Welded boilers) (Expansion angles, dry pipe, turret feed pipes, & brackets)
15,15A,16A

SECTION 6

L8236 D B1 04/66 ---- ---- Not scanned

Safety valve, cross stay & steam turret seatings (Welded boilers)
15,15A,16A

SECTION 6
L8240 D B1 04/66 ---- ---- Not scanned

Regulator dome (Welded boilers)
15,15A,16A

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SECTION 7
74/T8082/22 D B1 02/39 ---- ---- Not scanned

Expansion angle and steady bracket.
15

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SECTION 7
81/T2926/20 DR B1 10/45 3 09/63 81-T2926-20.pdf 15 M

Expansion angle & clip
15
354 - 423
Shows arrgt. & details of boiler expansion angle on side
of firebox and top of boiler frame.

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SECTION 7
81/T2926/21 D B1 10/45 ---- ---- 81-T2926-21.pdf 9 M

Boiler seatings
15
354 - 423
Shows seatings for safety valves, clackbox, gauge glasses,
whistle, sanding valves, etc.

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SECTION 7
L6987/16 D A4 ---- ---- ---- L6987-16.pdf 42 K

Liner, firebox expansion angle
15 and other locos

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SECTION 7
L7782 DR B1 09/61 ---- ---- L7782.pdf 19 M

Firebox steady bracket cover & grease lubrication of expansion angle liners
15

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SECTION 7
L8235 D B1 04/66 ---- ---- Not scanned

Miscellaneous details (Welded boilers) (Expansion angles, dry pipe, turret feed pipes, & brackets)
15,15A,16A

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SECTION 7

L8236 D B1 04/66 ---- ---- Not scanned

Safety valve, cross stay & steam turret seatings (Welded boilers)
15,15A,16A

SECTION 8

3499/1 D B1 02/28 2 09/42 Not scanned

Modified brake block
9,13,14,14A,15,16,16A

SECTION 8

74/T8082/207 D B1 02/39 2 1953 Not scanned

Brake hanger & block (also hanger bracket)
15

Hanger brkts marked:- "Obsolescent, see drawing number 81/193 (81/T2926/193)"

SECTION 8

74/T8082/208 D B1 02/39 ---- ---- Not scanned

Brake rods & cross beams.
15

SECTION 8

74/T8082/210 DR B1 02/39 ---- ---- Not scanned

Hand brake screw, carrier, and details.
15

SECTION 8

81/T2926/123 D B1 10/45 ---- ---- Not scanned

Snifting valves & brake details
15

354 - 423

Shows snifting valves, brake beam bearings, and "coal dust guard".

SECTION 8

81/T2926/193 D B1 10/45 ---- ---- Not scanned

Brake hanger carrier.
15

354 - 423

Shows brake hanger brackets that are bolted to engine frames.

SECTION 8
81/T2926/197 DR B1 10/45 ----- Not scanned

Brake cylinder carrier (for vacuum brake cylinder)
15
354 - 423

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SECTION 8
81/T2926/199 D B1 10/45 ----- Not scanned

Front & hind (brake) shaft & hand brake (shaft and) levers.
15
354 - 413

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SECTION 8
Diagram No. 28 S A4 ----- Diag_28_HQ.pdf 280 K

Diagram of brake gear, Front unit
15

Drg. gives info about pins & bushes for front engine brake gear.

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SECTION 8
Diagram No. 29 S A4 ----- Diag_29.pdf 347 K

Diagram of brake gear, Hind unit
15

Drg. gives info about pins & bushes for hind engine brake gear.

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SECTION 8
L9739 D A2 07/85 ----- Not scanned

Hand brake nut
14A,15,16A,20,20A

Drawing marked:- "This drawing supersedes drg. no. L-6742/191
dated 27/05/59"

SECTION 9
74/T8082/44 D B1 02/39 2 11/53 Not scanned

Chimney & ejector exhaust pipe elbow etc.
15
271 - 274

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SECTION 9
81/T2926/169 R B1 10/45 2 11/61 Not scanned

Lubricator pipes under cab.
15
354 - 413
Also shows flexible pipes to steam brake cylinders and sanding gear.

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SECTION 9
81/T2926/192 D B1 10/45 ----- Not scanned

Steam brake cylinder.
15
354 - 423

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SECTION 9
81/T2926/197 DR B1 10/45 ----- Not scanned

Brake cylinder carrier (for vacuum brake cylinder)
15
354 - 423

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SECTION 9
81/T2926/201 R B1 10/45 ----- Not scanned

Graduable steam brake valve
15
354 - 413
Shows principal dimensions of valve and connecting piping.
No details of internal construction.

=====

SECTION 9
81/T2926/203 D B1 10/45 ----- Not scanned

Reservoir & pipe carriers
15
354 - 423
Shows carrier for reservoir (for reservoir see Drg. No. 81/204) and
various pipe clips & brackets for vacuum brake pipes.

=====

SECTION 9
81/T2926/204 D B1 10/45 ----- Not scanned

Brake details
15
354 - 423
Shows vacuum reservoir, timing chamber, delayed action valve.

=====

SECTION 9
81/T2926/205 R B1 10/45 ----- Not scanned

Vacuum & steam brake arrangement
15
354 - 413
Shows arrangement of equipment in cab & on side of boiler and
connecting pipework etc.

=====

SECTION 9
81/T2926/40 D B1 10/45 ----- Not scanned

Ejector steam valve etc.
15
354 - 413

=====

SECTION 9
81/T2926/56 D B1 10/45 1 11/58 Not scanned

Lubricator & ejector carriers, etc.
15
354 - 423

Also shows details of original valve used for operating cylinder cocks & rocking grate.
Note refers to valve No. 30 on drawing L6644.

=====
SECTION 9
81/T2926/78 D B1 10/45 ---- ---- Not scanned

Brass flanges
15
354 - 423
Shows flanges for injector pipes, brake ejector, and
plug for bunker drain.

=====
SECTION 9
L6642/151 D B1 ---- ---- ---- Not scanned

Spring, return, steam brake piston
14,14A,15,16,16A

=====
SECTION 9
L6644 S A4 ---- ---- ---- L6644_Valve_No_4.pdf 67 K

Valve No.4
12,14,14A,15(locos 354-413),16,16A,19,20,20A
354-413
Used on 15th class as Ejector shut-off valve.
Used on 12,14,16 for lubricator; 14A,15,16A,20,20A for ejector; 19 for injector steam

=====
SECTION 9
L6652/87 D A4 ---- ---- ---- L6652-87.pdf 45 K

Adaptor, grease nipple
15
All
Used for rocking grate valve, firedoor cylinder, steam brake cylinder.

=====
SECTION 9
L6742/151 D A4 06/58 ---- ---- L6742-151.pdf 32 K

Spring, Return, Steam brake piston
14,14A,15,16,16A

=====
SECTION 9
L6745/21 D A4 ---- ---- ---- L6745-21.pdf 53 K

Elbow, ejector exhaust in smokebox
14A,15,16A,17,20,20A

SECTION 9

L6762/45 D A4 ----- L6762-45.pdf 34 K

Gland ring, ejector exhaust pipe elbow.
14A,15,16A,17,20,20A

SECTION 9

L8/4749/14 D A4 ----- 0 ----- L8-4749-14.pdf 42 K

Fluted Nut, Ejector exhaust pipe elbow
14A,15,16A,17,20,20A

SECTION 10

74/T8082/119 D B1 02/39 ----- Not scanned

Drag casting (housing for drawgear spring)
15
271 - 274

SECTION 10

74/T8082/125 D B1 02/39 ----- Not scanned

Coupler & yoke
15
271 - 274

This drg. shows the std. Rhodesia Railways Henricot coupler (Atlas No.2).

SECTION 10

81/T2926/111 DR B1 10/45 4 03/54 Not scanned

Drawbar guide etc.
15
354 - 423
Shows arrangement of drawgear from coupler back to (but not including) drawgear spring.

SECTION 10

CH M A4 ----- Coupler_heights.pdf 125 K

Coupler heights
15 and other locos

Drg compares height of RR Garratt and NZR couplings

SECTION 10

L6713/115 D A4 ----- L6713-115.pdf 42 K

Bolt (for securing drawbar centreing spring casting)
15

This bolt is different to that shown on Drg L6713/116

SECTION 10
L6713/116 D A4 ----- L6713-116.pdf 38 K

Bolt (for securing drawbar centreing spring casting)
15

This bolt is different to that shown on Drg L6713/115

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SECTION 10
L6759/10 D A4 ----- L6759-10.pdf 35 K

Wearing piece for drawbar
15

=====
SECTION 10
L6759/11 D A4 ----- L6759-11.pdf 32 K

Liner for coupler guide casting.
15

=====
SECTION 10
L6759/12 D A4 ----- L6759-12.pdf 34 K

Washer for dragbox yoke cotter
15

=====
SECTION 10
L6759/13 D A4 ----- L6759-13.pdf 28 K

"U" Pin for securing drawgear cotter at yoke end.
15

=====
SECTION 10
L6759/29 D A4 ----- L6759-29.pdf 28 K

Cover (outside) for coupler side control.
15

=====
SECTION 10
L6759/30 D A4 ----- L6759-30_HQ.pdf 235 K

Guide (inside) for coupler side control.
15

=====

SECTION 10
L6759/31 D A4 ----- L6759-31.pdf 26 K

Plunger, coupler side control
15

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SECTION 10
L6759/6 D A4 ----- L6759-6.pdf 47 K

Drawbar
15

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SECTION 10
L6759/7 D A4 ----- L6759-7.pdf 30 K

Cotter for coupler
15

=====
SECTION 10
L6759/8 D A4 ----- L6759-8.pdf 29 K

Cotter for yoke
15

=====
SECTION 10
L6759/89 D A4 ----- L6759-89_HQ.pdf 410 K

Guide (for coupler)
15

=====
SECTION 10
L6759/9 D A4 ----- L6759-9.pdf 32 K

Bearing block (for drawgear)
15

=====
SECTION 10
L6774/43 D A4 ----- L6774-43.pdf 41 K

Carrier bracket (for emergency drawbar, head side)
14A,15,16A,20,20A

=====

SECTION 10
L6774/44 D A4 ----- L6774-44.pdf 34 K

Carrier bracket (for emergency drawbar, nut side)
14A,15,16A,20,20A

=====
SECTION 11
74/T8082/230 D B1 02/39 ----- Not scanned

Makers nameplate (and various other instruction & information plates)
15 and other locos

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SECTION 11
81/T2926/100 DR B1 10/45 ----- Not scanned

Wood platform in cab
15
354 - 413
Shows cab floor in general; steel plates and wood planks.

=====
SECTION 11
81/T2926/162 DR B1 10/45 1 10/54 Not scanned

Cab arrangement
15
354 - 423

=====
SECTION 11
81/T2926/164 DR B1 10/45 ----- Not scanned

Cab front door & details.
15
354 - 423

=====
SECTION 11
81/T2926/165 DR B1 10/45 5 09/83 Not scanned

Hind & side (cab) windows.
15
354 - 413

=====
SECTION 11
81/T2926/166 DR B1 10/45 3 03/56 Not scanned

(Cab) circular window & ventilator.
15
354 - 423

=====

SECTION 11
81/T2926/167 DR B1 10/45 2 10/60 Not scanned

Blanket boxes (and cab seats).
15
354 - 423

=====
SECTION 11
81/T2926/168 DR B1 10/45 4 06/70 Not scanned

Door in (cab) roof (and baffle window).
15
354 - 423

=====
SECTION 11
81/T2926/224 D B1 10/45 ---- ---- Not scanned

Oil lamps & ladders
15
354 - 413
Shows boiler gauge, tail, and hand lamps. Also ladders on
side of boiler for accessing steam turrets & clackbox.

=====
SECTION 11
81/T2926/225 D B1 10/45 ---- ---- 81-T2926-225.pdf 5 M

Number plate etc.
15,15A
354 - 413

=====
SECTION 11
81/T2926/226 D B1 10/45 ---- ---- 81-T2926-226.pdf 10 M

Maker's nameplates etc.
15
354 - 413

=====
SECTION 11
81/T2926/39 D B1 ---- 9 11/69 81-T2926-39.pdf 87 M

Firebox fixings arrgt. (Arrgt. of backhead fittings)
15
354 - 413
Shows layout of piping, gauges, valves, etc in cab on backhead of boiler.

=====
SECTION 11
81/T2926/53 DR B1 10/45 ---- ---- Not scanned

Extension spindles & carriers (for steam turret valves incl. nameplate)
15
354 - 423

=====

SECTION 11
81/T2926/55 DR B1 10/45 ---- ---- Not scanned

Firedoor screen
15
354 - 413

=====
SECTION 11
81/T2926/56 D B1 10/45 1 11/58 Not scanned

Lubricator & ejector carriers, etc.
15
354 - 423
Also shows details of original valve used for operating cylinder cocks & rocking grate.
Note refers to valve No. 30 on drawing L6644.

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SECTION 11
L6363 DR A1 07/49 ---- ---- L6363.pdf

Details of cab window roller, brackets and rollers.
9,9B,11,11A,12,12A,13,14,15,16,18

=====
SECTION 11
L6763/124 D A4 ---- ---- L6763-124_HQ.pdf 226 K

Glass (cab door window)
15,16A

=====
SECTION 11
L6763/149 D A4 ---- ---- L6763-149.pdf 55 K

Window (Cab side baffle)
12,14,14A,15,15A,16A,19,20,20A

Drawing also shows steel details for hinges.

=====
SECTION 11
L7142 DR A1 01/56 1 06/70 Not scanned

Fitting of baffle windows.
10,11,11A,12,12A,12B,14,14A,15,16,16A,19,19C,20

Drawing marked:- "This drg. cancels Drg. No. L-7126 & L6891" and
"For modified cab side baffle window see Drg. No. L-6763/149".

=====
SECTION 11
L7231 D B1 11/57 ---- ---- Not scanned

Modified cab roof ventilator
14,14A,15,16,16A

SECTION 11
M6671/336 D A4 ----- M6671-336.pdf 39 K

Nameplate
15 and other locos

This is a "generic" drawing of the nameplates.
The length was adjusted to suit the name.

=====

SECTION 12
74/T8082/99 DR B1 02/39 ----- Not scanned

Crinolins, strap ends & full size sections.
15
271 - 274

=====

SECTION 12
81/T2926/224 D B1 10/45 ----- Not scanned

Oil lamps & ladders
15
354 - 413
Shows boiler gauge, tail, and hand lamps. Also ladders on
side of boiler for accessing steam turrets & clackbox.

=====

SECTION 12
81/T2926/248 D B1 10/45 ----- Not scanned

Handrails & carriers
15
354 - 423

=====

SECTION 12
81/T2926/87 DR B1 10/45 ----- Not scanned

Clothing and (boiler) internal pipe arrangement.
15
354 - 413

=====

SECTION 12
81/T2926/88 D B1 10/45 ----- Not scanned

Crinolines for firebox & details.
15
354 - 423

=====

SECTION 12
81/T2926/89 DR B1 10/45 ----- Not scanned

Mouldings & castings etc.
15
354 - 423
Shows crinoline for dome, dome casing, throatplate & firebox
back corner cladding, pyrometer boss casing.

=====

SECTION 12
81/T2926/90 D B1 10/45 2 02/71 Not scanned

Marshall collars, etc.
15

354 - 423

These are the conical pockets that surround some washout plugs and support the cladding but are attached to the boiler.

=====
SECTION 12
81/T2926/91 D B1 10/45 ---- ---- Not scanned

Asbestos mattresses (Boiler lagging).
15

354 - 413

As used when originally built.

Later replaced with fibreglass blankets.

=====
SECTION 12
81/T2926/92 D B1 10/45 2 05/61 Not scanned

Steam & exhaust pipe cladding, and expansion angle casing.
15

354 - 413

=====
SECTION 12
81/T2926/93 D B1 10/45 A 02/82 Not scanned

Handrails & pillars.
15

354 - 413

Drawing marked:- "For all handrails & pillars see Drg. No. L-6506".

=====
SECTION 12
81/T2926/94 DR B1 10/45 ---- ---- Not scanned

Clothing on firebox back plate.
15

354 - 413

=====
SECTION 12
L6506/99 D A4 ---- 1 ---- L6506-99.pdf 40 K

Pillar, Handrail
15,16A,20,20A

=====
SECTION 12
L6775/70 D A4 ---- ---- ---- L6775-70.pdf 37 K

Door (Inspection hole in cylinder cladding)
14,15,16,16A,20,20A

SECTION 12
L7615 DR B1 04/60 ---- Not scanned

Modified filling plate at smokebox front.
14A,15,16A,20,20A

Shows hinged section of running board across boiler frame
at front of smokebox.

=====
SECTION 13
81/T2926/132 DR B1 10/45 2 11/58 Not scanned

Connecting rod
15
354 - 423
Shows connecting rod and bushes.

=====
SECTION 13
L7304/11 D A4 ---- L7304-11_HQ.pdf 200 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 11, Connecting rods

=====
SECTION 13
L7820/106 D A4 ---- L7820-106.pdf 40 K

Bush, Fixed, connecting rod, big end
15

This item is the proof machined blank for stores stock. See L7820/107 for finished item.

=====
SECTION 13
L7820/107 D A4 ---- L7820-107_HQ.pdf 312 K

Bush, fixed, connecting rod, big end
15

=====
SECTION 13
L7820/108 D A4 ---- L7820-108_HQ.pdf 369 K

Bush, floating, connecting rod, big end
15

This drawing is the proof machined stores stock.
See Drg. L7820/109 for finished item.

=====
SECTION 13
L7820/109 D A4 ---- L7820-109_HQ.pdf 384 K

Bush, floating, connecting rod, big end
15

For blank for stores stock see Drg. L7820/108

=====

SECTION 13

L7820/110 D A4 ----- L7820-110.pdf 38 K

Bush, connecting rod, small end
15,16A

Blank bush for stores stock.
See L7820/111 for finished item.

SECTION 13

L7820/111 D A4 ----- L7820-111.pdf 48 K

Bush, connecting rod, small end
15,16A

For blank for stores stock see L7820/110

SECTION 14

81/T2926/130 D B1 10/45 6 09/61 Not scanned

Piston rod & return crank etc.
15
354 - 413
Shows piston rod, eccentric crank & crank settings, crank pins, gudgeon pins.

SECTION 14

81/T2926/133 DR B1 10/45 7 03/58 Not scanned

Coupling rods
15
354 - 423
Shows coupling rods and bushes.

SECTION 14

L6660/133 D A4 ----- L6660-133.pdf 46 K

Washer (loose), inner & outer crank pin
14A,15

SECTION 14

L6660/79 D A4 ----- L6660-79.pdf 40 K

Washer, inner & outer crank pins
14A,15
350-423
This washer only used for crank pins to drg L6660/78

SECTION 14

L6757/169 D A4 ----- L6757-169.pdf 39 K

Pin, Knuckle joint, coupling rod
15,20,20A

SECTION 14
L6757/191 D A4 ----- L6757-191_HQ.pdf 422 K

Bush (Knuckle pin bush)
15,20,20A

=====
SECTION 14
L6757/284 SS A4 10/61 ----- L6757(A)-284.pdf 43 K
L6757/169

Pin (for knuckle joint)
15,20,20A

Drawing of part-finished item for stores stock.
Drawing marked "Superceded by Drg L6757/284 of 05/65"

=====
SECTION 14
L6757/284 D A4 05/65 ----- L6757(B)-284.pdf 34 K
L6757/169

Pin (for knuckle joint)
15,20,20A

Drawing of part-finished item for stores stock.
Drawing marked "This drawing supercedes Drg No. L-6757/284 dated 10/61"

=====
SECTION 14
L6757/291 SS A4 ----- L6757-291.pdf 37 K
See drg.

Cone (for knuckle pin)
15,19B,20,20A

Part finished item

=====
SECTION 14
L6757/295 D A4 ----- L6757-295.pdf 36 K

Cone (for knuckle pin)
15 and other locos

=====
SECTION 14
L6757/344 SS A4 ----- L6757-344.pdf 33 K
L6757/191

Bush (for knuckle pin)
15 and other locos

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SECTION 14
L6757/38 D A4 ----- L6757-38.pdf 45 K

Pin, Knuckle joint
15,20

Drawing marked "Obsolescent, See drg. L6757/169"

SECTION 14
L6757/78 D A4 ---- ---- ---- L6757-78.pdf 46 K

Nut, knuckle pin
14,14A,15,16A,20,20A

=====
SECTION 14
L7297 D B1 06/57 ---- ---- Not scanned

Modified fitting of coupling rod driving bushes
15,19

=====
SECTION 14
L7304/15 D A4 ---- ---- ---- L7304-15_HQ.pdf 311 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 15, Coupling rods, dimensions

=====
SECTION 14
L7304/16 D A4 ---- ---- ---- L7304-16_HQ.pdf 218 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 16, Coupling rods, diagrams

=====
SECTION 14
L7820/41 D A4 ---- ---- ---- L7820-41_HQ.pdf 325 K

Bush, fixed, coupling rod, inner & outer
15

=====
SECTION 14
L7820/43 D A4 ---- ---- ---- L7820-43_HQ.pdf 393 K

Bush, Floating, coupling rod, inner & outer
15

=====
SECTION 15
81/T2926/117 DR B1 10/45 ---- ---- Not scanned

Hind steam chest cover
15
354 - 423
Shows back steam chest cover, valve crosshead guide, and grease lubrication details.

SECTION 15
81/T2926/128 DR B1 10/45 ----- Not scanned

Crosshead
15
354 - 423
Shows crosshead, slipper, liners, and gudgeon pin.

=====

SECTION 15
L6713/69 D A4 ----- 3 ----- L6713-69.pdf 54 K

Bolt, securing crosshead shoe
15

=====

SECTION 15
L6757/123 D A4 ----- ----- L6757-123.pdf 45 K

Locking plate (Gudgeon pin)
11A,14A,15,16,16A,17,20,20A

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SECTION 15
L6757/138 D A4 ----- ----- L6757-138.pdf 49 K

Liner (Side crosshead)
14A,15,16A

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SECTION 15
L6757/158 D A4 ----- ----- L6757-158.pdf 41 K

Cotter (Valve crosshead)
14A,15,16A,17,20,20A

See also drg. L6757/159

=====

SECTION 15
L6757/159 D A4 ----- ----- L6757-159.pdf 33 K

Cotter, valve crosshead
14A,15,16A

See also Drg. L6757/158

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SECTION 15
L6757/184 D A4 ----- ----- L6757-184.pdf 64 K

Slide block, valve spindle crosshead
14A,15,16A

SECTION 15
L6757/288 SS A4 ----- L6757-288.pdf 32 K
L6757/65

Cone (for gudgeon pin)
15,16A,17

Part finished item

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SECTION 15
L6757/319 D A4 ----- L6757-319.pdf 44 K

Cotter (for crosshead)
15,17

Drawing marked "This drawing supersedes L6757/67"

=====
SECTION 15
L6757/330 D A4 ----- L6757-330.pdf 49 K

Nut (for gudgeon pin)
14A,15,16,16A,20,20A

=====
SECTION 15
L6757/366 D A4 ----- L6757-366.pdf 49 K

Guide, top, valve spindle crosshead
14A,15,15A,16A,20,20A

=====
SECTION 15
L6757/367 D A4 ----- L6757-367.pdf 40 K

Guide, bottom, valve spindle crosshead
14A,15,15A,16A,20,20A

=====
SECTION 15
L6757/371 D A4 ----- L6757-371.pdf 65 K

Gudgeon pin
15,16A

=====
SECTION 15
L6757/50 D A4 ----- L6757-50.pdf 31 K

Key for Gudgeon pin
9A,11,11A,12,12A,12B,15,16,16A,20,20A

=====

SECTION 15
L6757/56 D A4 ---- ---- ---- L6757-56.pdf 196 K

Liner, valve spindle crosshead
14A,15,16A

=====
SECTION 15
L6916 R A1 05/54 ---- ---- L6916.pdf 5 M

Method of securing crosshead arm to crosshead
15
350 - 398
Shows how arm is to be welded to crosshead

=====
SECTION 15
L7078 D B1 10/55 ---- ---- Not scanned

Modified crosshead slipper
15,16A,17

This drg. cancels drg. L-6558

=====
SECTION 15
L7304/13 D A4 ---- ---- ---- L7304-13_HQ.pdf 218 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 13, Crossheads

=====
SECTION 15
L7304/14 D A4 ---- ---- ---- L7304-14_HQ.pdf 263 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 14, Piston & crosshead assemblies

=====
SECTION 15
L7304/19 D A4 ---- ---- ---- L7304-19_HQ.pdf 136 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 19, Gudgeon pins

=====
SECTION 15
L8576 R B1 11/68 ---- ---- Not scanned

Provision of oil lubrication at valve spindle crosshead & piston rod.
14A,15,15A,16A,19,19B,20,20A

=====

SECTION 16
7173 D A4 ----- 7173.pdf

Steam chest liner (valve liner)
15

=====
SECTION 16
74/T8082/134 DR B1 02/39 2 04/51 Not scanned

Front steam chest cover (and piston rod packing).
15

=====
SECTION 16
74/T8082/149 D B1 02/39 ----- Not scanned

Skefco roller bearing etc (Piston rod packing)
15

Drg. primarily concerned with the original type of piston rod packing.

=====
SECTION 16
81/T2926/114 D B1 10/45 1 10/57 Not scanned

Tank support on cylinders
15
354 - 423

=====
SECTION 16
81/T2926/115 D B1 10/45 2 08/59 81-T2926-115.pdf 7 M

Cylinders
15
354 - 423

=====
SECTION 16
81/T2926/116 D B1 10/45 ----- Not scanned

Cylinder covers and piston
15
354 - 423
Shows inner & outer cylinder covers, piston & rings, and front cover joint ring.

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SECTION 16
81/T2926/117 DR B1 10/45 ----- Not scanned

Hind steam chest cover
15
354 - 423
Shows back steam chest cover, valve crosshead guide, and grease lubrication details.

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SECTION 16
81/T2926/119 D B1 10/45 ----- 81-T2926-119.pdf 6 M

Piston valve liner
15
354 - 413

=====
SECTION 16
81/T2926/121 DR B1 10/45 ----- Not scanned

Bye-pass valve
15
354 - 423

=====
SECTION 16
81/T2926/123 D B1 10/45 ----- Not scanned

Snifting valves & brake details
15
354 - 423
Shows snifting valves, brake beam bearings, and "coal dust guard".

=====
SECTION 16
L6716/166 D A4 ----- L6716-166.pdf 44 K

Stud (cylinder cover)
15,16,20,20A

=====
SECTION 16
L6716/61 D A4 ----- L6716-61.pdf 25 K

Stud, steam chest cover casing
15

=====
SECTION 16
L6750/10 D A4 ----- L6750-10.pdf 47 K
L6750/5

Plunger bush
15 and other locos

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SECTION 16
L6750/11 D A4 ----- L6750-11.pdf 34 K
L6750/5

Plunger ring
15 and other locos

SECTION 16
L6750/12 D A4 ----- L6750-12.pdf 42 K
L6750/5

Outer cover
15 and other locos

=====
SECTION 16
L6750/13 D A4 ----- L6750-13.pdf 43 K
L6750/5

Spring
15 and other locos

=====
SECTION 16
L6750/14 D A4 ----- L6750-14.pdf 35 K
L6750/5

Joint ring
15 and other locos

=====
SECTION 16
L6750/5 S A4 ----- L6750-5.pdf 78 K

Non-chatter bye pass valve
15 and other locos

=====
SECTION 16
L6750/6 D A4 ----- 2 ----- L6750-6.pdf 64 K
L6750/5

Body (Bye pass valve)
15 and other locos

=====
SECTION 16
L6750/7 D A4 ----- 2 ----- L6750-7.pdf 58 K
L6750/5

Inner cover
15 and other locos

=====
SECTION 16
L6750/8 D A4 ----- L6750(A)-8_HQ.pdf 64 K
L6750/5

Plunger
15 and other locos

Drg marked CANCELLED. Superseded by L6758/8 dated 26-3-87

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SECTION 16
L6750/8 D A4 26/03/87 ----- L6750(B)-8_HQ.pdf 183 K
L6750/5

Plunger
15 and other locos

This drawing dated 26-3-87

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SECTION 16
L6750/9 D A4 ----- L6750-9.pdf 38 K

Plunger seat
15 and other locos

=====
SECTION 16
L6757/240 D A4 ----- L6757-240_HQ.pdf 188 K

Plug (Indicator cylinder barrel)
10,12,12A,12B,15

=====
SECTION 16
L6757/254 D A4 ----- L6757-254.pdf 30 K

Bush (for valve spindle in front steam chest covers)
15 and other locos

ID to be finished to suit valve spindles.

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SECTION 16
L6757/255 D A4 ----- L6757-255.pdf 45 K

Bush (for valve spindle in front steam chest covers)
15 and other locos

ID to be finished to suit valve spindles.

=====
SECTION 16
L6775/70 D A4 ----- L6775-70.pdf 37 K

Door (Inspection hole in cylinder cladding)
14,15,16,16A,20,20A

=====
SECTION 16
L7043 D B1 06/55 ----- Not scanned

Modified front cylinder cover
15

=====

SECTION 16
L7304/10 D A4 ----- L7304-10_HQ.pdf 411 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 10, Cylinder & steam chest liner bores

=====
SECTION 16
L7525 D B1 08/59 ----- Not scanned

Cylinder liner.
15

Shows two designs of liner for locos to orders 74 & 81
Drawing marked:- "This drawing supersedes Drg. No. L-7170".

=====
SECTION 17
4219/4 D A4 ----- 2 ----- 4219-4.pdf 38 K
Various

1/2" Dia ball
15 and various others

Used on a number of different valves, drain cocks, ball joints etc.
Probably a standard commercial item.

=====
SECTION 17
81/T2926/71 D B1 10/45 ----- Not scanned

Cylinder cocks & pressure relief valve.
15
354 - 413
Drain cocks.
Cyl. relief valves

=====
SECTION 17
L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1
11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

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SECTION 17
L6644 S A4 ----- L6644_Valve_No_32A.pdf 73 K

Valve No.32A
All classes

Used on 15th class to operate cylinder drain valves.
This drawing supercedes Drg. No. L-6644 Valve 32

=====
SECTION 17
L6746/140 D A4 ----- L6746-140.pdf 33 K

Connection, cylinder drain valve
15 and other locos

Drain cocks.

SECTION 17
L6927 S A4 ----- L6927(A).pdf 57 K

Cylinder relief valve (Adjustable type)
15 and other locos

Drawing dated 12/05/54. Marked: "Superseded by drg. L6927 dated 09/81"

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SECTION 17
L6927 S A4 ----- L6927(B).pdf 38 K

Relief valve, cylinder (Pre-set type)
15 and other locos

Supersedes drawing L6927 dated 12/05/54

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SECTION 17
L6927/1 D A4 ----- L6927-1_HQ.pdf 258 K
L6927

Body, cylinder relief valve
15 and other locos

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SECTION 17
L6927/2 D A4 ----- L6927-2.pdf 41 K
L6927

Cover, cylinder relief valve (adjustable type)
15 and other locos

Drg marked: "Superseded by drg. L6927/2A"

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SECTION 17
L6927/2A D A4 ----- L6927-2A.pdf 29 K
L6927

Cover, cylinder relief valve (Pre-set type)
15 and other locos

=====
SECTION 17
L6927/3 D A4 ----- L6927-3.pdf 44 K

Valve, cylinder relief valve
15 and other locos

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SECTION 17
L6927/4 D A4 ----- L6927(A)-4.pdf 34 K

Spring cap, cylinder relief valve (Adjustable type)
15 and other locos

Drg. marked: "Superseded by drg. L6927/4 dated 09/81"

SECTION 17

L6927/4 D A4 ----- L6927(B)-4.pdf 25 K

Spring cap, cylinder relief valve (Pre-set type)
15 and other locos

Drg. marked: "Supersedes by drg. L6927/4 dated 12/05/54"

=====

SECTION 17

L6927/5 D A4 ----- L6927-5.pdf 29 K

Adjusting screw, cylinder relief valve (adjustable type)
15 and other locos

Drg. marked: "Cancelled"

=====

SECTION 17

L6927/6 D A4 ----- L6927-6.pdf 34 K

Spring, cylinder relief valve
15 and other locos

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SECTION 17

L7440/10 S A4 ----- L7440-10.pdf 72 K

Cylinder drain cock
15 and other locos

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SECTION 17

L7440/11 D A4 ----- L7440-11_HQ.pdf 414 K

Body, cylinder drain cock
15 and other locos

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SECTION 17

L7440/2 D A4 ----- L7440-2_HQ.pdf 211 K
L7440/10

Plug, cylinder drain cock
15 and other locos

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SECTION 17

L7440/3 D A4 ----- L7440-3_HQ.pdf 197 K
L7440/10

Valve, cylinder drain cock
15 and other locos

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SECTION 17

L7440/4 D A4 ----- L7440-4_HQ.pdf 33 K

Ball valve seat, cylinder drain cock
15 and other locos

SECTION 17

L7604 R B1 02/60 ----- Not scanned

Provision of compoflex pipes at pivot centres.
15

Drawing marked:- "This drawing supersedes Drg. No. L-7543".

SECTION 17

M6671/374 D A4 05/90 ----- M6671-374.pdf 186 K

Ring spanner (for cyl drain valve burst disks)
14A,15,16A

SECTION 18

74/T8082/124 DR B1 02/39 2 04/64 Not scanned

Side roller bearers and carriers.
15
271 - 274

SECTION 18

81/T2926/104 DR B1 10/45 ----- Not scanned

Bottom pivot centre
15
354 - 413
Shows original grease lubricated, manually adjusted centre.
For spring loaded self adjusting centre see drg. 81/T2926/258.

SECTION 18

81/T2926/110 DR B1 10/45 ----- Not scanned

Side roller bearer etc.
15
354 - 413
Shows brackets for side bearer rollers (both engines) and various
plates & gussets for supporting hind tank & bunker.

SECTION 18

81/T2926/186 D B1 10/45 4 05/65 Not scanned

Bogie frame stays, etc.
15
354 - 423
Shows bogie frame stay, top centre casting (attached to engine frame),
side control spring roller brkt., frame stop, etc.

SECTION 18
81/T2926/258 DR B1 10/45 ----- 81-T2926-258.pdf 51 M

Bottom pivot centre
15

354 -423

Shows self adjusting centre pivot originally fitted to engines 414 to 423.
For original manually adjusted centre see drawing 81/T2926/104

=====

SECTION 18
81/T2926/287 DR B1 10/45 ----- Not scanned

Pivot centre adjusting block, wedge, and details.
15

Shows details for self-adjusting type pivot centre.
See drawing 81/T2926/258 for arrangement of centre.

=====

SECTION 18
81/T2926/289 DR B1 10/45 ----- Not scanned

Side bearer details
15

354 - 423

Shows spring loaded side bearers at engine centre pivots.
Only applied to engines 414 to 423 when originally built.

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SECTION 18
81/T2926/98 D B1 10/45 ----- 81-T2926-98.pdf 88 M

Top pivot, front & hind.
15

354 - 423

This casting also forms the frame stretchers at each end of the boiler frame. Drawing may not copy too well as it is very dark.

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SECTION 18
L6641 I B1 ----- Not scanned

Instructions for adjusting engine pivot centres
15 and other locos

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SECTION 18
L6713/54 D A4 ----- L6713-54.pdf 41 K

Bolt, securing pivot centre adjusting block
15

350-413

=====

SECTION 18
L6713/55 D A4 ----- L6713-55.pdf 40 K

Bolt, securing pivot centre end block
15

350-413

=====

SECTION 18
L6717/65 D A4 ----- L6717-65.pdf 29 K

Screw, securing (top pivot centre to frame)
14,14A,15,16,16A

=====
SECTION 18
L6746/81 D A4 ----- L6746-81.pdf 43 K

Adaptor, grease nipple, for side bearer lubrication
DE2

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SECTION 18
L6847/10 D A4 ----- L6847-10.pdf 38 K

Keep, top pivot centre
15
350-413

=====
SECTION 18
L6847/14 D A4 ----- L6847-14.pdf 37 K

Roller, pivot centre
15
350-413

=====
SECTION 18
L6847/17 D A4 ----- L6847-17.pdf 52 K

Bearing, for pivot centre roller
15
350-413

=====
SECTION 18
L6847/2 D A4 ----- L6847-2.pdf 57 K

End block, pivot centre
15
350-413

=====
SECTION 18
L6847/23 D A4 ----- L6847-23.pdf 43 K

Liner, pivot centre
15
350-413

=====

SECTION 18
L6847/29 D A4 ----- ----- ----- L6847-29.pdf 23 K

Support strap for pivot centre roller bearing
15,17

=====
SECTION 18
L6847/3 D A4 ----- ----- ----- L6847-3.pdf 58 K

Block, pivot centre, adjusting
15
350-413

=====
SECTION 18
L6847/34 D A4 ----- ----- ----- L6847-34.pdf 39 K

Plate, wearing (for pivot side bearer)
15
350-413

=====
SECTION 18
L6847/35 D A4 ----- ----- ----- L6847-35.pdf 35 K

Liner (pivot centre block packing)
15
350-413

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SECTION 18
L6847/4 D A4 ----- ----- ----- L6847-4.pdf 49 K

Ring, bottom pivot centre
15
350-413

=====
SECTION 18
L6847/42 D A4 ----- ----- ----- L6847-42.pdf 42 K

Liner (engine pivot centre)
15
350-413

=====
SECTION 18
L6847/44 D A4 ----- ----- ----- L6847-44.pdf 33 K

Washer, pivot adjusting screw
15
350-413

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SECTION 18
L6847/45 D A4 ---- ---- ---- L6847-45.pdf 32 K

Washer, pivot adjusting screw
15
350-413

=====
SECTION 18
L6847/48 D A4 ---- ---- ---- L6847-48.pdf 35 K

Locking plate
15
350-413

=====
SECTION 18
L6847/49 D A4 ---- ---- ---- L6847-49.pdf 35 K

Liner, fixed disc, engine pivot centre
15

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SECTION 18
L9337 D A1 10/78 ---- ---- Not scanned

Alteration to pivot centre pillars, covers & axlebox
14A,15

=====
SECTION 19
81/T2926/130 D B1 10/45 6 09/61 Not scanned

Piston rod & return crank etc.
15
354 - 413
Shows piston rod, eccentric crank & crank settings, crank pins, gudgeon pins.

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SECTION 19
L6713/238 D A4 ---- B ---- L6713-238.pdf 54 K

Bolt (eccentric crank)
15,16A,20,20A

=====
SECTION 19
L6757/275 D A4 ---- ---- ---- L6757-275.pdf 42 K

Ring (for retaining seal on eccentric rod roller bearing)
14A,15,16A,17,20,20A

This drawing supersedes drg. No. L6757/64

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SECTION 19
L6757/324 D A4 ----- L6757-324.pdf 57 K

Rod (Eccentric)
15

RH front engine, LH hind engine.

=====
SECTION 19
L6757/325 D A4 ----- L6757-325.pdf 56 K

Rod (Eccentric)
15

LH front engine, RH hind engine

=====
SECTION 19
L6757/350 D A4 ----- L6757-350.pdf 31 K

Nut (bearing retainer for eccentric rod)
14A,15,15A,16A,20,20A

=====
SECTION 19
L6757/64 D A4 ----- L6757-64.pdf 40 K

Ring, Eccentric bearing seal retainer
14A,15,16A,17

Drawing marked "This drg Superseded by Pt. Drg. L6757/275"

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SECTION 19
L6757/70 D A4 ----- L6757-70.pdf 35 K

Dust seal, Eccentric rod bearing
14A,15,16A,17,20,20A

=====
SECTION 19
L6757/82 D A4 ----- L6757-82.pdf 38 K

Cover, eccentric rod
14A,15,16A,20,20A

=====
SECTION 20
5712/1 D A2 07/42 ----- Not scanned

Method of restoring oversize staybolt holes in ... wrapper plates to original size ...
7,9,9A,9B,11,12,13,14,15,16

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SECTION 20
81/T2926/10 D B1 10/45 1 ---- 81-T2926-10.pdf 97 M

Boiler & firebox full size sections.
15
354 - 423
Original riveted boiler.

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SECTION 20
81/T2926/11 DR B1 10/45 ---- 81-T2926-11.pdf 89 M

Boiler & firebox sections etc.
15
354 - 423
Shows sections through riveted joints & crown stays.

=====

SECTION 20
81/T2926/14 D B1 10/45 ---- 81-T2925-14.pdf 12 M

Foundation ring
15
354 - 423
Also shows riveting to firebox wrapper and inner firebox plates.

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SECTION 20
81/T2926/24 D B1 10/45 1 01/65 81-T2926-24.pdf 167 M

Flanged plates
15
354 - 413
Shows all flanged boiler plates including, dome, dome cover, and wrapper plates.
Original riveted boiler.

SECTION 20
81/T2926/9 DR B1 10/45 ---- Not scannable

Boiler & firebox arrangement
15

Marked:- "Redrawn. See drgs. 81/T.2926/9A,9B & 9C"
This drg. probably not copyable.

SECTION 20
81/T2926/9A R B1 10/45 ---- 06/67 81-T2926-9A.pdf 94 M

Boiler & firebox arrangement (horizontal section)
15

BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 20
81/T2926/9B R B1 10/45 ---- 06/67 81-T2926-9B.pdf 81 M

Boiler & firebox arrangement (Plan)
15
354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.
=====

SECTION 20
81/T2926/9C R B1 10/45 ----- 06/67 81-T2926-9C.pdf 10 M

Boiler & firebox arrangement (cross sections)
15

354 - 423

BP drg. 81/T2926/9 redrawn by Rhodesia Railways.

Riveted firebox with Nicholson syphons.

=====

SECTION 20

L6761/76 D A4 ----- L6761-76.pdf 35 K

Tube, water, brick arch (2 at centre)
16A,15

Drawing only specifies 16A Class boilers, but
these were also used on 15th Class locos.

=====

SECTION 20

L6761/77 D A4 ----- L6761-77.pdf 34 K

Tube, water, brick arch (1 LH)
16A,15

Drawing only specifies 16A Class boilers, but
these were also used on 15th Class locos.

=====

SECTION 20

L6761/78 D A4 ----- L6761-78.pdf 31 K

Tube, water, brick arch (1 RH)
16A,15

Drawing only specifies 16A Class boilers, but
these were also used on 15th Class locos.

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SECTION 20

L8230 DR B1 04/66 3 02/67 Not scanned

Welded boilers, General arrangement, elevation.
15,15A,16A

=====

SECTION 20

L8231 DR B1 04/66 ----- Not scanned

Welded boilers, General arrangement, end views.
15,15A,16A

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SECTION 20

L8232 R B1 04/66 ----- Not scanned

Welded boilers, General arrangement, plan
15,15A,16A

=====

SECTION 20
L8233 D B1 04/66 1 07/66 Not scanned

Welded boilers, Firebox gusset stays & backplate.
15,15A,16A

=====
SECTION 20
L8237 D B1 02/67 ---- ---- Not scanned

Arrangement of crown stays (Welded boilers)
15,15A,16A

=====
SECTION 20
L8238 D B1 04/66 ---- ---- Not scanned

Foundation ring (Welded boilers)
15,15A,16A

=====
SECTION 20
L8239 D A1 04/66 ---- ---- Not scanned

Inner firebox plates (Welded boilers)
15,15A,16A

Drawing marked:- "Superseded by drg. L-8239/1"

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SECTION 20
L8239/1 D B1 04/66 ---- ---- Not scanned

Inner firebox plates (Welded boilers)
15,15A,16A

Drawing marked:- "This drg. supersedes drg. no. L-8239".

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SECTION 20
L8281 DR B1 04/67 1 03/68 L8281.pdf 58 M

Fitting of welded (water tube) inner firebox to 15/15A class boilers.

15
348 - 570

Shows welded firebox fitted to riveted boiler shell.

=====
SECTION 21
5355 R B1 11/38 1 04/69 Not scanned

Fire door arrangement
14A,15,16,16A

See also drawing No. 5356

SECTION 21
5356 D B1 01/39 ----- Not scanned
5355

Fire door details
11A,12A,12B,14A,15,16,16A

Drg shows doors & baffle plates.
For quadrants, spindles etc. see drg 5375. For GA see drg 5355

=====
SECTION 21
5375 D B1 01/39 ----- Not scanned
5355

Fire door details
11A,12A,12B,14A,15,16,16A

Drg. shows door quadrants, spindles, bushes etc.
For doors & baffle plates see drg 5356. For GA see drg 5355

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SECTION 21
5377 D A1 02/39 ----- Not scanned

Miscellaneous locomotive fittings
15 and other locos

Contains details of a non-standard whistle plug, flame plates and pipe clips.

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SECTION 21
81/T2926/43 R B1 10/45 ----- Not scanned

Ajax firedoor
15 and other locos
354 - 423

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SECTION 21
81/T2926/47 D B1 10/45 ----- Not scanned

Ajax firedoor frame
15
354 - 413
Whitelegg & Rodgers Ltd (suppliers) Drg. No. 5314

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SECTION 21
81/T2926/48 D B1 10/45 ----- Not scanned

Firedoor protector etc
15
354 - 413
Drawing marked:- "Cancelled, see drg. L-6238"

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SECTION 21
L6238 D A1 06/48 ----- Not scanned

Firehole protector.
15,16A

SECTION 21

L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1
11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

SECTION 21

L6652/87 D A4 ----- L6652-87.pdf 45 K

Adaptor, grease nipple
15

All
Used for rocking grate valve, firedoor cylinder, steam brake cylinder.

SECTION 21

L6754/23 D A4 ----- L6754-23.pdf 42 K

Piston, Ajax firedoor
14A,15,16,16A

SECTION 21

L6754/33 D A4 ----- 3 ----- L6754-33.pdf 41 K

Bush, bearing, in main frame Ajax firedoor
11A,12A,12B,14A,15,16,16A,20,20A

SECTION 21

L6754/34 D A4 ----- L6754-34.pdf 20 K

Bush (Front bearing plate, Ajax firedoor)
14A,15,16A

SECTION 21

L6754/38 D A4 ----- L6754-38.pdf 39 K

Rocker, Ajax firedoor, valve operating
12A,14A,15,16,16A

SECTION 21

L6754/39 D A4 ----- L6754-39.pdf 39 K

Firehole deflector
9,9A,9B,10,11,12,12A,14,14A,15,16A,17

SECTION 21

L6754/45 D A4 ----- ----- ----- L6754-45_HQ.pdf 197 K

Nipple - Exhaust choke, Ajax firedoor
11A,12A,12B,14A,15,16,16A

=====

SECTION 21

L6754/46 D A4 ----- ----- ----- L6754-46.pdf 46 K

Cranked arm (lever), Ajax firedoor
14A,15,16,16A

=====

SECTION 21

L6754/47 D A4 ----- ----- ----- L6754-47.pdf 54 K

Cylinder cover, Ajax firedoor
11A,12A,12B,14A,15,16,16A

For renewable seat see Drg. L6644/6. For cylinder see large size drawing L-8776.

=====

SECTION 21

L6754/51 D A4 ----- ----- ----- L6754-51.pdf 31 K

Sleeve (Pedal adjusting gear, Ajax firedoor)
11A,12A,12B,14A,15,16,16A

=====

SECTION 21

L6754/6 D A4 ----- ----- ----- L6754-6.pdf 32 K

Guide block, operating piston, Ajax firedoor
12A,14A,15,16,16A

=====

SECTION 21

L6754/60 D A4 ----- ----- ----- L6754-60.pdf 42 K

Spindle (Ajax firedoor, LH door)
14A,15,16,16A

=====

SECTION 21

L6754/61 D A4 ----- ----- ----- L6754-61.pdf 41 K

Spindle (Ajax firedoor, RH door)
14A,15,16,16A

=====

SECTION 21

L6754/62 D A4 ----- ----- ----- L6754-62.pdf 46 K

Socket, pedal gear, Ajax firedoor
14A,15,16,16A

=====

SECTION 21

L6754/68 D A4 ----- ----- ----- L6754-68.pdf 30 K

Pin (Ajax firedoor)
14A,15,15A,16,16A

=====

SECTION 21

L6754/7 D A4 ----- ----- ----- L6754-7.pdf 28 K

Guide block, operating piston, Ajax firedoor
12A,12B,14A,15,16,16A

=====

SECTION 21

L6754/76 D A4 ----- ----- ----- L6754-76.pdf 39 K

Spring (Cylinder cover valve, Ajax firedoor)
15 and other locos

=====

SECTION 21

L6754/77 D A4 ----- ----- ----- L6754-77.pdf 28 K

Sleeve (Ring drum for Ajax firedoor piston rings)
14A,15,16A

=====

SECTION 21

L6754/8 D A4 ----- ----- ----- L6754-8.pdf 33 K

Rocker pin, Ajax firedoor
12A,14A,15,16,16A

=====

SECTION 21

L7721 S A4 ----- ----- ----- L7721-0_HQ.pdf 511 K

Valve, Auld's steam reducing valve for Ajax firedoors
14A,15,16A

Shows valve assembly and drawing numbers of parts
Used on the steam operated firedoors.

=====

SECTION 21

L7721/1 D A4 ----- L7721 L7721-1_HQ.pdf 489 K

Body, Auld's steam reducing valve
14A,15,16,16A

SECTION 21

L7721/10 D A4 ----- L7721 L7721-10.pdf 32 K

Screw (Adj. for Auld's reducing valve)
12A,14A,15,16,16A

SECTION 21

L7721/11 D A4 ----- L7721 L7721-11.pdf 35 K

Seat - push rod, Auld's steam reducing valve
12A,14A,15,16,16A

SECTION 21

L7721/12 D A4 ----- L7721 L7721-12.pdf 36 K

Cap - Adj. screw, Auld's steam reducing valve
11A,12A,12B,14A,15,16,16A

SECTION 21

L7721/13 D A4 ----- L7721 L7721-13.pdf 39 K

Spring, Auld's steam reducing valve
14A,15,16A

SECTION 21

L7721/14 D A4 ----- L7721 L7721-14_HQ.pdf 217 K

Spring, Auld's steam reducing valve
11A,12A,12B,14A,15,16,16A

SECTION 21

L7721/2 D A4 ----- L7721 L7721-2_HQ.pdf 245 K

Seat, Auld's steam reducing valve
14A,15,16,16A

SECTION 21

L7721/3 D A4 ----- L7721-3_HQ.pdf 243 K
L7721

Push rod, Auld's steam reducing valve
14A,15,16,16A

SECTION 21

L7721/4 D A4 ----- L7721-4_HQ.pdf 225 K
L7721

Guide, ball valve, Auld's steam reducing valve
14A,15,16,16A

SECTION 21

L7721/5 D A4 ----- L7721-5_HQ.pdf 229 K
L7721

Cap, Auld's steam reducing valve
14A,15,16,16A

SECTION 21

L7721/6 D A4 ----- L7721-6.pdf 40 K
L7721

Diaphragm, Auld's steam reducing valve
11A,12A,12B,14A,15,16,16A

SECTION 21

L7721/7 D A4 ----- L7721-7.pdf 31 K
L7721

Piston, Auld's steam reducing valve
14A,15,16A

SECTION 21

L7721/8 D A4 ----- L7721-8.pdf 55 K
L7721

Cover, Auld's steam reducing valve
14A,15,16A

SECTION 21

L7721/9 D A4 ----- L7721-9_HQ.pdf 207 K
L7721

Seat, adj. screw, Auld's steam reducing valve
11A,12A,12B,14A,15,16,16A

SECTION 21

L8773 D B1 10/71 ---- Not scanned

Front plate casting, Ajax firedoors.
14,14A,15,15A,16A

SECTION 21

L8776 D A1 10/71 A 06/78 Not scanned

Cylinder casting for Ajax firedoors
14,14A,15,15A,16A

For other firedoor details see A4 size drgs in the L6754/xx series.

SECTION 22

6059/32 D A2 09/58 ---- 6059-32.pdf 228 K
6059/N

Brick No. 32
15

Supersedes drawing No. 21A/6059 dated 05/56
Drawing No. marked on drg. is 32/6059

SECTION 22

6059/39 D A2 09/58 ---- 6059-39.pdf 949 K
6059/N

Brick No. 39
15

Supersedes drg. 22/6059 dated 03/46
Drawing No. marked on drg. is 39/6059

SECTION 22

6059/40 D A2 09/58 ---- 6059-40.pdf 294 K
6059/N

Brick No. 40
15

Supersedes Drg. No. 73/6059 dated 01/57
Drawing No. marked on drg. is 40/6059

SECTION 22

6059/41 D A2 09/58 ---- 6059-41.pdf 850 K
6059/N

Brick No. 41
15

Supersedes drawing No. 73/6059 dated 01/57
Drawing No. marked on drg. is 41/6059

SECTION 22

6059/42 D A2 09/58 ---- 6059-42.pdf 499 K
6059/N

Brick No. 42
15

Supersedes Drg. No. 31/6059 dated 11/47
Drawing No. marked on drg. is 42/6059

SECTION 22
6059/N S A2 09/58 ---- 6059-N.pdf 5 M

Layout of brick arch with brick details 15th. Class
15

Brick arch arrangement drawing.

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SECTION 23
74/T8082/35 D B1 02/39 ---- Not scanned

Firebar side & centre bearers.
15

=====
SECTION 23
74/T8082/38 D B1 02/39 ---- Not scanned

Centre bearer carriers (for firebars)
15
271 - 274

=====
SECTION 23
74/T8082/41 D B1 02/39 ---- Not scanned

Carriers & supports
15

Shows carriers & supports for ashpan and support for rocking grate rod.

=====
SECTION 23
81/T2926/26 D B1 10/45 ---- Not scanned

Firebars
15
354 - 413
Shows fixed, drop, and rocking firebars.

=====
SECTION 23
81/T2926/27 D B1 10/45 2 09/60 Not scanned

Rocking grate details.
15

Shows details of rocking grate operating gear, NOT the rocking grate itself.
For grate details see Drg. 81/26.

=====
SECTION 23
81/T2926/28 D B1 10/45 ---- Not scanned

Drop grate details.
15

Shows details of drop grate operating gear, NOT the drop grate itself.
For drop grate details see drg 81/26.

SECTION 23
81/T2926/30 DR B1 10/45 1 01/59 Not scanned

Rocking grate cylinder.

15

354 - 413

Steam cylinder for operating the rocking grate.

=====

SECTION 23
L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1

11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

=====

SECTION 23
L6652/87 D A4 ----- L6652-87.pdf 45 K

Adaptor, grease nipple

15

All

Used for rocking grate valve, firedoor cylinder, steam brake cylinder.

=====

SECTION 23
L6710/10 D A4 ----- L6710-10.pdf 44 K
L6710/3

Grate, fixed (hind)

15,16,16A

=====

SECTION 23
L6710/113 D A4 ----- L6710-113.pdf 52 K

Piston head, rocking grate cylinder

14A,15,16,16A

=====

SECTION 23
L6710/119 D A4 ----- L6710-119_HQ.pdf 218 K

Neck ring

14,14A,15,16,16A

=====

SECTION 23
L6710/12 D A4 ----- L6710-12_HQ.pdf 297 K
L6710/3

Fixed grate

14,14A,15,16,16A

=====

SECTION 23

L6710/13 D A4 ----- L6710-13.pdf 61 K
L6710/3

Drop grate
13,14,14A,15,16,16A

=====

SECTION 23

L6710/130 D A4 ----- L6710-130.pdf 45 K

Handle (For operating drop & rocking grate)
12,14A,15,16A,19,20,20A

=====

SECTION 23

L6710/14 D A4 ----- L6710-14.pdf 61 K
L6710/3

Firegrate rocking bar, intermediate
14,14A,15,16,16A

=====

SECTION 23

L6710/15 D A4 ----- L6710-15.pdf 66 K
L6710/3

Firegrate rocking bar, hind
13,14,14A,15,16,16A

=====

SECTION 23

L6710/16 D A4 ----- L6710-16.pdf 68 K
L6710/3

Firegrate rocking bar, front
13,14,14A,15,16,16A

=====

SECTION 23

L6710/3 S A4 ----- L6710-3.pdf 75 K

Firegrate arrangement
15,16,16A

=====

SECTION 23

L6710/31 D A4 ----- L6710-31.pdf 64 K

Hind cover, rocking grate cylinder
14A,15,16,16A

=====

SECTION 23

L6710/5 D A4 L6710/3 L6710-5.pdf 62 K

Firebar centre bearer
15,16,16A

SECTION 23

L6710/51 D A4 L6710-51.pdf 51 K

Cover, rocking grate cylinder
14A,15,16,16A

SECTION 23

L6710/52 D A4 L6710-52.pdf 62 K

Gland, rocking grate cylinder
14A,15,16,16A

SECTION 23

L6710/64 D A4 L6710-64_HQ.pdf 188 K

Plug, drain, rocking grate cylinder
13,14,14A,15,16,16A

SECTION 23

L6710/65 D A4 L6710-65_HQ.pdf 192 K

Body, drain, rocking grate cylinder
13,14,14A,15,16,16A

SECTION 23

L6710/7 D A4 L6710/3 L6710-7.pdf 65 K

Firebar side bearer, front bar
15,16,16A

SECTION 23

L6710/8 D A4 L6710/3 L6710-8.pdf 63 K

Firebar side bearer, hind bar
15,16,16A

SECTION 23

L7053 D B1 08/55 ----- Not scanned

Standardisation of rocking & drop grate lever ends & operating handle.
9,9A,9B,10,11,12,12A,14A,15,16A,19,20

SECTION 24

74/T8082/119 D B1 02/39 ----- Not scanned

Drag casting (housing for drawgear spring)
15
271 - 274

SECTION 24

74/T8082/129 D B1 02/39 1 03/62 Not scanned

Cowcatcher
15

SECTION 24

74/T8082/130 D B1 02/39 ----- Not scanned

Lifting (jacking) brackets and brackets (storage) for screw jacks.
15

SECTION 24

81/T2926/100 DR B1 10/45 ----- Not scanned

Wood platform in cab
15
354 - 413
Shows cab floor in general; steel plates and wood planks.

SECTION 24

81/T2926/101 D B1 10/45 1 06/58 Not scanned

Smokebox support etc.
15
354 - 413
Shows smokebox saddle casting and various filling-in plates.

SECTION 24

81/T2926/102 DR B1 10/45 3 05/81 Not scanned

Engine frame, elevation & plan
15
354 - 413
This drawing is approximately 2m long.

SECTION 24
81/T2926/103 DR B1 10/45 ----- Not scanned

Engine frame end views
15

354 - 413

Shows detailed dimensions of headstocks and various cross-sections.

=====
SECTION 24
81/T2926/104 DR B1 10/45 ----- Not scanned

Bottom pivot centre
15

354 - 413

Shows original grease lubricated, manually adjusted centre.

For spring loaded self adjusting centre see drg. 81/T2926/258.

=====
SECTION 24
81/T2926/105 D B1 10/45 ----- Not scanned

Slidebar bracket
15

354 - 413

=====
SECTION 24
81/T2926/106 DR B1 10/45 ----- Not scanned

Frame stay at driving wheel
15

354 - 413

Also shows tank support brackets.

=====
SECTION 24
81/T2926/108 DR B1 10/45 ----- Not scanned

Frame stay at inner (driving) wheel.
15

354 - 423

Also shows tank support brackets.

=====
SECTION 24
81/T2926/109 D B1 10/45 1 07/57 Not scanned

Bogie top centre (inner bogie)
15

354 - 423

=====
SECTION 24
81/T2926/110 DR B1 10/45 ----- Not scanned

Side roller bearer etc.
15

Shows brackets for side bearer rollers (both engines) and various plates & gussets for supporting hind tank & bunker.

SECTION 24
81/T2926/114 D B1 10/45 1 10/57 Not scanned

Tank support on cylinders
15
354 - 423

=====
SECTION 24
81/T2926/127 D B1 10/45 ---- ---- Not scanned

Reversing link carrier (Motion bracket)
15
354 - 413
Shows motion bracket, reversing link carrier & bush, and various bolts.

=====
SECTION 24
81/T2926/138 D B1 10/45 ---- ---- Not scanned

Coupled axlebox guide etc.
15
354 - 413
Shows frame liner & wedge, horn keep, axlebox spring pedestal.

=====
SECTION 24
81/T2926/181 D B1 10/45 ---- ---- Not scanned

Tank girder & bracket
15
354 - 423

=====
SECTION 24
81/T2926/193 D B1 10/45 ---- ---- Not scanned

Brake hanger carrier.
15
354 - 423
Shows brake hanger brackets that are bolted to engine frames.

=====
SECTION 24
81/T2926/224 D B1 10/45 ---- ---- Not scanned

Oil lamps & ladders
15
354 - 413
Shows boiler gauge, tail, and hand lamps. Also ladders on side of boiler for accessing steam turrets & clackbox.

=====
SECTION 24
81/T2926/255 DR B1 10/45 ---- ---- 81-T2926-255.pdf 96 M

Engine frame arrangement (Elevation & plan)
15
354 - 423
This drg. shows frame from and incl. centre driving axle back to trailing headstock.

=====

SECTION 24
81/T2926/256 DR B1 10/45 ----- 81-T2926-256.pdf 53 M

Engine frame arrangement (Elevation & plan)
15

354 - 423

This drg. shows frame from leading headstock back to and incl. leading driving axle.

=====

SECTION 24
81/T2926/257 R B1 10/45 ----- 81-T2926-257.pdf 22 M

Engine frame arrangement, end views.
15

354 - 423

Drawing marked:- "For engines 414 to 423 only".

=====

SECTION 24
81/T2926/263 D B1 10/45 ----- Not scanned

Axlebox (frame) liners, wedges, Hornclips (frame stay), & spring saddle.
15

354 - 423

Drawing shows variations in design of hornclips for different batches of engines.

=====

SECTION 24
81/T2926/95 DR B1 10/45 ----- Not scanned

Boiler frame arrangement, side elevation.
15

354 - 413

See Drg. No. 81/96 for plan view.

See Drg. No. 81/97 for end view cross-sections.

=====

SECTION 24
81/T2926/96 DR B1 10/45 ----- 81-T2926-96.pdf 81 M

Boiler frame arrangement, plan.
15

354 - 413

See Drg. No. 81/95 for side elevation.

See Drg. No. 81/97 for end view cross sections.

=====

SECTION 24
81/T2926/97 DR B1 10/45 ----- Not scanned

Boiler frame arrangement end view cross sections.
15

354 - 413

See Drg. No. 81/95 for side elevation.

See Drg. No. 81/96 for plan.

=====

SECTION 24
81/T2926/98 D B1 10/45 ----- 81-T2926-98.pdf 88 M

Top pivot, front & hind.
15

354 - 423

This casting also forms the frame stretchers at each end of the boiler frame. Drawing may not copy too well as it is very dark.

=====

SECTION 24
81/T2926/99 D B1 10/45 5 07/80 81-T2926-99.pdf 36 M

Frame details.
15

354 - 413
Shows running board supports, cab supports, footsteps,
lifting bolts & shackles, bogie stops, etc.

=====

SECTION 24
L6309 D B1 01/49 ---- ---- Not scanned

Modified hornclips & bolts
14,14A,15,16,16A

See also A4 size drawings in the L-6713/xx series

=====

SECTION 24
L6715/68 D A4 ---- ---- ---- L6715-68.pdf 40 K

Frame stop, inner bogie
15,17

=====

SECTION 24
L6715/69 D A4 ---- ---- ---- L6715-69.pdf 36 K

Frame stop (outer bogie)
15,17

=====

SECTION 24
L6987/16 D A4 ---- ---- ---- L6987-16.pdf 42 K

Liner, firebox expansion angle
15 and other locos

=====

SECTION 24
L7628 D B1 07/60 ---- ---- Not scanned

Fitting of modified front ends to boiler frames.
15

Drawing marked:- "To be read in conjunction with Drgs. 81/249, 81/95, 81/98 & 81/254.
Drawing also marked:- "Cancelled, see drg L-7628 dated 15/04/69".

=====

SECTION 24
L7629 D B1 07/60 ---- ---- Not scanned

Fitting of modified hind ends to boiler frames.
15

Drawing marked:- "To be read in conjunction with Drgs. 81/95, 81/250, 81/98 & 81/254.
Drawing also marked:- "Cancelled, see drg. No. L-7629 dated 15/04/69".

=====

SECTION 24
L8678 D B1 12/69 ---- ---- Not scanned

Strengthening of boiler frame, front end.
15

=====
SECTION 24
L8679 D B1 12/69 ---- ---- Not scanned

Strengthening of boiler frame, hind end.
15

=====
SECTION 24
L9370 I A1 03/79 F 05/81 Not scanned

Tabulation of tolerances for use at R.E.S.C.Co. (ZECO) works
14A,15,16A,20,20A

This drawing shows tolerances pertaining to dimensions of
horn guides for driving axles.

=====
SECTION 24
L9515 DR B1 10/80 ---- ---- Not scanned

Fitting of strengthening cap to pivot centres for clearance of cannon axle box.
15

=====
SECTION 25
81/T2926/183 R B1 10/45 3 02/64 Not scanned

Outer bogie arrangement
15

354 - 413

=====
SECTION 25
81/T2926/184 R B1 10/45 ---- ---- Not scanned

Inner bogie arrangement
15

354 - 413

=====
SECTION 25
81/T2926/185 D B1 10/45 9 02/64 Not scanned

Axlebox, bolster, etc.
15

354 - 423

Shows bogie centre casting, horns, horn keeps, lubrication pipes, for inner & outer bogies.

=====

SECTION 25
81/T2926/186 D B1 10/45 4 05/65 Not scanned

Bogie frame stays, etc.
15

Shows bogie frame stay, top centre casting (attached to engine frame),
side control spring roller brkt., frame stop, etc.

SECTION 25
81/T2926/187 D B1 10/45 4 07/53 Not scanned

Bogie details
15

354 - 423

Shows, equaliser beams, swing links & pins, spring hangers & pins, etc. for inner & outer bogies.

SECTION 25
81/T2926/188 D B1 10/45 1 02/52 Not scanned

Bogie frames (inner & outer bogies)
15

354 - 423

Frames of inner bogies are slightly different for front and hind engines.

SECTION 25
81/T2926/189 D B1 10/45 3 06/55 Not scanned

Control spring details
15

354 - 413

Shows control spring details (but not spring), cross stays & stretcher.

SECTION 25
L6742/281 D A4 L6742-281.pdf 32 K

Cover plate (inner bogie swing frame)
15,15A

SECTION 25
L7730/181 D A4 L7730-181.pdf 42 K

Bush, Cradle, inner & outer bogies
15

Also used on outer bogie of 17th Class

SECTION 25
L7730/182 D A4 L7730-182.pdf 45 K

Bush, bracket, engine bogie spring roller
15

SECTION 25
L7730/203 D A4 ---- ---- ---- L7730-203.pdf 36 K

Bush, Bogie frame to bolster
15,20,20A

=====
SECTION 25
L7730/204 D A4 ---- ---- ---- L7730-204.pdf 36 K

Bush, bogie frame to bolster
15,20,20A

=====
SECTION 25
L8520 D B1 04/68 ---- ---- Not scanned

Reconditioning of bogie centres
15,20,20A

Drawing marked:- "This drg. supersedes Drg. No. L-7490"

=====
SECTION 26
74/T8082/54 D B1 02/39 ---- ---- Not scanned

Safety valve, blower & steam heating valve etc.
15

=====
SECTION 27
74/T8082/73 D B1 02/39 ---- ---- Not scanned

Injector water cock
15
271 - 274

=====
SECTION 27
74/T8082/75 DR B1 02/39 ---- ---- Not scanned

Injector quick acting steam valve
15
271 - 274

=====
SECTION 27
81/T2926/59 R B1 10/45 3 02/52 Not scanned

Injector arrangement (on loco)
15
354 - 413
Shows installation of injectors & piping etc. on loco.
Drg marked: "Cancelled, see drg. L-6650".

=====

SECTION 27
81/T2926/60 R B1 10/45 ---- ---- Not scanned

Injector
15

354 - 423

Shows principle overall dimensions of injectors only. For internal details of the injectors see A4 size drgs. in the L6634 series.

=====

SECTION 27
81/T2926/62 D B1 10/45 ---- ---- Not scanned

Injector details (NOT details of the injectors)
15

354 - 423

Shows details of brackets, pipe clips, valve spindles, etc.

=====

SECTION 27
81/T2926/63 D B1 10/45 2 02/52 Not scanned

Injector carriers & overflow elbow
15

354 - 423

=====

SECTION 27
81/T2926/64 D B1 10/45 ---- ---- Not scanned

Injector quick acting steam valve operating details
15

354 - 413

=====

SECTION 27
81/T2926/65 D B1 10/45 ---- ---- Not scanned

Injector brasswork
15

354 - 423

Shows various bronze pipe fittings associated with the injectors and lubrication of steam pipe expansion joints.

=====

SECTION 27
81/T2926/78 D B1 10/45 ---- ---- Not scanned

Brass flanges
15

354 - 423

Shows flanges for injector pipes, brake ejector, and plug for bunker drain.

=====

SECTION 27
81/T2926/79 D B1 10/45 ---- ---- Not scanned

Steel flanges
15

354 - 423

Shows flanges for main steam, exhaust steam, injector, tank drain, equilibrium pipes, and other uses.

=====

SECTION 27

L6634/1 S A4 ----- L6634-1.pdf 42 K

General arrangement, Gresham & Craven No.9 & 9S injectors
6,7,8,9,9B,10

=====

SECTION 27

L6634/10 D A4 ----- L6634-10.pdf 25 K

Cone, combining, G&C No.9S injector
8,9,9B

=====

SECTION 27

L6634/11 D A4 ----- L6634-11.pdf 28 K

Cone, delivery, G&C No.9S injector
8,9,9B

=====

SECTION 27

L6634/12 D A4 ----- L6634-12.pdf 27 K

Nozzle, steam, G&C No.9H injector
9,9A,9B,11,12

=====

SECTION 27

L6634/13 D A4 ----- L6634-13.pdf 75 K

Cone, combining, G&C No.9H injector
9,9A,9B,11,12

=====

SECTION 27

L6634/14 D A4 ----- L6634-14.pdf 54 K

Flap, combining cone, G&C No. 9H,10H,11.5H injectors
14,14A,15,16A

=====

SECTION 27

L6634/15 D A4 ----- L6634-15.pdf 26 K

Pin, flap securing, G&C No.9H,10H,11.5H injectors
All except 6,7,8,19,20,20A

Drg marked as superceded by drg L7272/43

=====

SECTION 27

L6634/16 D A4 ----- L6634-16.pdf 35 K

Cone, delivery, G&C No.9H injector
9,9A,9B,11,12

SECTION 27

L6634/17 D A4 ----- L6634-17.pdf 32 K

Gland, delivery cone, G&C No.10H,11.5H injector
14,14A,15,16A

SECTION 27

L6634/18 D A4 ----- L6634-18_HQ.pdf 217 K

Guide, delivery cone, G&C No.9H injector
9,9A,9B,11,12,12A

SECTION 27

L6634/19 D A4 ----- L6634-19.pdf 35 K

Cap, G&C No.9S & 9H injectors
8,9,9A,9B,11,11A,12,12A

SECTION 27

L6634/2 S A4 ----- L6634-2A.pdf 52 K

General arrangement, Gresham & Craven No. 9H,10H & 11H injectors
9A,9B,10,11,12,14,14A,15,16,16A

Marked as "Superceded by Drg.No. L6634/2 of 1/68"

SECTION 27

L6634/2 D A4 ----- L6634-2B.pdf 54 K

General arrangement, Gresham & Craven No. 9H,10H & 11H injectors
15 and other locos

Marked "This drawing supercedes Drg.No. L-6634-2 dated 18-1-52"

SECTION 27

L6634/20 D A4 ----- L6634-20.pdf 38 K

Nozzle, steam, G&C No.10H injector
14,14A

SECTION 27

L6634/21 D A4 ----- L6634-21.pdf 38 K

Guide, delivery cone, G&C No.10H injector
14

SECTION 27

L6634/22 D A4 ----- L6634-22.pdf 65 K

Cone, combining, G&C No.10H injector
14,14A

SECTION 27

L6634/23 D A4 ----- L6634-23.pdf 35 K

Cone, delivery, G&C No.10H injector
14,14A

SECTION 27

L6634/24 D A4 ----- L6634-24.pdf 36 K

Cap, G&C No.11.5H injector
14,15

SECTION 27

L6634/25 D A4 ----- L6634-25.pdf 37 K

Nozzle, steam, G&C No.11.5H injector
15,16,16A

SECTION 27

L6634/25A D A4 ----- L6634-25A.pdf 45 K

Nozzle, steam, G&C No.11.5H injector
15,16,17,18

Drawing marked "Not to be destroyed"

SECTION 27

L6634/25B D A4 ----- L6634-25B.pdf 45 K

Nozzle, steam, G&C No.11.5H injector
15,16,17,18

Drawing marked "Not to be destroyed"

SECTION 27

L6634/26 D A4 ----- 2 ----- L6634-26.pdf 68 K

Cone, combining, G&C No.11.5H injector
15,16,16A

=====

SECTION 27

L6634/27 D A4 ----- ----- L6634-27.pdf 41 K

Guide, delivery cone, G&C No.11.5H injector
15,16,16A

=====

SECTION 27

L6634/28 D A4 ----- ----- L6634-28.pdf 32 K

Cone, delivery, G&C No.11.5H injector
15,16,18

=====

SECTION 27

L6634/3 D A4 ----- ----- L6634-3.pdf 23 K

Nozzle, steam, D&M No. 9 injector
6,7

=====

SECTION 27

L6634/4 D A4 ----- ----- L6634-4.pdf 21 K

Cone, lifting
6,7

=====

SECTION 27

L6634/5 D A4 ----- ----- L6634-5.pdf 24 K

Cone, combining, D&M No.9 injector
6,7

=====

SECTION 27

L6634/6 D A4 ----- ----- L6634-6.pdf 29 K

Cone, delivery, D&M NO.9 injector
6,7

=====

SECTION 27
L6634/7 D A4 ----- ----- ----- L6634-7.pdf 20 K

Cap, D&M No.9 injector
6,7

=====
SECTION 27
L6634/8 D A4 ----- ----- ----- L6634-8.pdf 23 K

Nozzle, steam, G&C No.9S injector
8,9,9B

=====
SECTION 27
L6634/9 D A4 ----- ----- ----- L6634-9.pdf 22 K

Cone, lifting, G&C No.9S injector
8,9,9B

=====
SECTION 27
L6644 S A4 ----- ----- ----- L6644_Valve_No_9.pdf 67 K

Valve No.9
15,16

Used for injector steam isolating valve on manifolds.

=====
SECTION 27
L6650 R A1 02/52 2 02/62 Not scanned

Modified injector arrangement
15
364 - 423

=====
SECTION 27
L7272/43 D A4 ----- ----- ----- L7272-43.pdf 46 K

Pin, No. 43 (flaps on 9H,10H,11.5H injectors)
15 and other locos

=====
SECTION 28
74/T8082/222 R B1 02/39 ----- ----- Not scanned

Turbo Generator (Stone's)
15 and other locos

=====

SECTION 28
74/T8082/227 D B1 02/39 ----- Not scanned

Electric lamps (Cab lamp holders)
15 and other locos

=====
SECTION 28
81/T2926/178 D B1 10/45 ----- Not scanned

Air vent pipe etc.
15
354 - 413
Also shows details of bunker doors, parts of toolbox, carriers for jack,
pinch bars and headlight.

=====
SECTION 28
81/T2926/179 D B1 10/45 ----- Not scanned

Lamp bracket etc.
15
354 - 413
Shows tool boxes, fire iron carriers, oil lamp bracket, etc.

=====
SECTION 28
81/T2926/220 R B1 10/45 ----- Not scanned

Electric light arrangement (Sheet 1)
15
354 - 423
Shows conduit runs on front engine, boiler frame, and in cab,
and gives complete circuit diagram. See also Drg. No. 81/221.

=====
SECTION 28
81/T2926/221 R B1 10/45 ----- Not scanned

Electric light arrangement (Sheet 2)
15
354 - 423
Shows conduit runs on hind engine and in cab.
See also Drg. No. 81/220

=====
SECTION 28
81/T2926/222 D B1 10/45 ----- Not scanned

Electrical details.
15
354 - 413
Shows plugs & sockets, switch box, junction box, flexible conduit.

=====
SECTION 28
81/T2926/222A R B1 10/45 ----- Not scanned

Headlight & switch.
15
354 - 413
Shows headlight, headlight switch, distribution fuse box.

=====

SECTION 28
81/T2926/223 D B1 10/45 ----- Not scanned

Conduit clips, etc.
15

354 - 423

Shows conduit clips, carriers for headlights & generator, and brackets for various lamps, switches, & junction boxes.

=====

SECTION 28
81/T2926/224 D B1 10/45 ----- Not scanned

Oil lamps & ladders
15

354 - 413

Shows boiler gauge, tail, and hand lamps. Also ladders on side of boiler for accessing steam turrets & clackbox.

=====

SECTION 28
81/T2926/79 D B1 10/45 ----- Not scanned

Steel flanges
15

354 - 423

Shows flanges for main steam, exhaust steam, injector, tank drain, equilibrium pipes, and other uses.

=====

SECTION 28
L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1
11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

=====

SECTION 29
5377 D A1 02/39 ----- Not scanned

Miscellaneous locomotive fittings
15 and other locos

Contains details of a non-standard whistle plug, flame plates and pipe clips.

=====

SECTION 29
5977 S B1 11/45 ----- Not scanned

British Detroit No.32A four feed locomotive lubricator
15 and other locos

Probably copy of Vacuum Oil Co. drg. It is an assembly drg only.
For details see A4 size drgs in L6760/xx series.

=====

SECTION 29
5978 I B1 12/45 ----- Not scanned

Drawing of British Detroit 32A four feed lubricator showing operation.
15 and other locos

Drawing does not have a title written on it.
Traced from Vacuum Oil Co. Drg. SBD/1/32A/1.

=====

SECTION 29
81/T2926/117 DR B1 10/45 ----- Not scanned

Hind steam chest cover
15
354 - 423
Shows back steam chest cover, valve crosshead guide, and grease lubrication details.

=====

SECTION 29
81/T2926/159 DR B1 10/45 1 04/52 Not scanned

Mechanical lubricator and carrier. (Installation on loco).
15
354 - 423
Drg. marked:- "For mechanical lubricator arrangement & details see drg. no. L-6655".

=====

SECTION 29
81/T2926/160 R B1 10/45 ----- Not scanned

Mechanical lubricator pipe arrangement.
15
354 - 413
Shows layout of oil pipes from lubricators to steam & exhaust pipe ball joints.

=====

SECTION 29
81/T2926/161 D B1 10/45 ----- Not scanned

Lubricator for steam (pipe) expansion joints.
15
354 - 413
Drg. marked:- "See part drgs. L6741/1 to 17"

=====

SECTION 29
81/T2926/169 R B1 10/45 2 11/61 Not scanned

Lubricator pipes under cab.
15
354 - 413
Also shows flexible pipes to steam brake cylinders and sanding gear.

=====

SECTION 29
81/T2926/185 D B1 10/45 9 02/64 Not scanned

Axlebox, bolster, etc.
15
354 - 423
Shows bogie centre casting, horns, horn keeps, lubrication pipes, for inner & outer bogies.

=====

SECTION 29
81/T2926/51 S B1 10/45 ----- Not scanned

Lubrication & auxiliary steam diagrams
15

Diagram only, no dimensions.
Shows connections from Detroit lubs., mech. lubs, and steam turrets.
=====

SECTION 29
81/T2926/56 D B1 10/45 1 11/58 Not scanned

Lubricator & ejector carriers, etc.
15
354 - 423

Also shows details of original valve used for operating cylinder cocks & rocking grate.
Note refers to valve No. 30 on drawing L6644.

=====
SECTION 29
81/T2926/65 D B1 10/45 ---- ---- Not scanned

Injector brasswork
15
354 - 423

Shows various bronze pipe fittings associated with the injectors
and lubrication of steam pipe expansion joints.

=====
SECTION 29
81/T2926/77 D B1 10/45 3 12/54 Not scanned

Oil boxes & oil cup covers.
15
354 - 423

Shows oil boxes for crossheads, valve spindles, piston rods,
bogies, pivot centres etc.

=====
SECTION 29
I/4749/38 D A4 ---- 1 ---- I-4749-38.pdf 33 K

Cone, mechanical lubricator
15 and all others

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SECTION 29
L6644 S A4 ---- ---- ---- L6644(B)_Valve_No_3.pdf 71 K

Valve No.3
9A,11,11A,12A,14A,15,16A,17,19

Used on 15th class for Lubricator and Blower.
Used on other classes for Blower, Drifter, Lubricator, Steam Heating.

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SECTION 29
L6652/64 D A4 ---- ---- ---- L6652-64.pdf 42 K

Adaptor for grease nipple, expansion link trunnion
15,16A

=====
SECTION 29
L6652/87 D A4 ---- ---- ---- L6652-87.pdf 45 K

Adaptor, grease nipple
15
All
Used for rocking grate valve, firedoor cylinder, steam brake cylinder.

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SECTION 29
L6655/156 D A4 ----- L6655-156_HQ.pdf 275 K
L6655/62

Pawl, external ratchet
14,14A,15,16,16A

=====
SECTION 29
L6655/23 D A4 ----- 4 ----- L6655-23.pdf 78 K
L6655/62

Ratchet wheel case
14,14A,15,16,16A

=====
SECTION 29
L6655/24 D A4 ----- 3 ----- L6655-24.pdf 64 K
L6655/62

Cover for ratchet wheel case
14,14A,15,16,16A

=====
SECTION 29
L6655/25 D A4 ----- 2 ----- L6655-25.pdf 52 K
L6655/62

Ratchet wheel
14,14A,15,16,16A

=====
SECTION 29
L6655/27 D A4 ----- 2 ----- L6655-27.pdf 38 K
L6655/62

Bolt for pawl
14,14A,15,16A

=====
SECTION 29
L6655/28 D A4 ----- 2 ----- L6655-28.pdf 49 K
L6655/62

Cap nut
14,14A,15,16,16A,20

=====
SECTION 29
L6655/31 D A4 ----- L6655-31.pdf 39 K
L6655/34

Wing nut for mechanical lubricator lid
15 and other locos

=====

SECTION 29

L6655/32 D A4 ----- L6655-32.pdf 37 K
L6655/34

Eye bolt for lid of mechanical lubricator
15 and other locos

SECTION 29

L6655/34 S A4 ----- 1 ----- L6655-34_HQ.pdf 492 K

Lubricator, mechanical No. 7, 4 pint
14,15,16,16A
384-423

SECTION 29

L6655/35 D A4 ----- L6655-35_HQ.pdf 382 K
L6655/34

Reservoir, No. 7 mech. lubricator
14,15,16,16A
384-423

SECTION 29

L6655/38 D A4 ----- 1 ----- L6655-38.pdf 50 K
L6655/34

Stuffing box
14,15,16,16A
384-423

SECTION 29

L6655/39 D A4 ----- 1 ----- L6655-39.pdf 49 K
L6655/34

Stuffing box
14,15
384-423

SECTION 29

L6655/40 D A4 ----- L6655-40.pdf 33 K
L6655/34

Gland nut
14,15,16,16A
384-423

SECTION 29

L6655/41 D A4 ----- 1 ----- L6655-41.pdf 51 K
L6655/34

Shaft - driving eccentric
14,15,16,16A
384-423

SECTION 29
L6655/42 D A4 ----- 2 ----- L6655-42.pdf 54 K
L6655/34

Ratchet wheel - inside
14,15,16,16A,20
350-423, 701-713

=====
SECTION 29
L6655/43 D A4 ----- ----- L6655-43.pdf 42 K
L6655/34

Pawl - inside
14,15,16,16A,20
350-423, 700-713

=====
SECTION 29
L6655/44 D A4 ----- ----- L6655-44.pdf 42 K
L6655/34

Spring - ratchet pawl, inside
14,15,16,16A,20
350-423, 700-713

=====
SECTION 29
L6655/45 D A4 ----- ----- L6655-45.pdf 33 K
L6655/34

Peg, ratchet pawl spring tensioner
14,15,16,16A,20
350-423,700-713

=====
SECTION 29
L6655/46 D A4 ----- ----- L6655-46.pdf 60 K
L6655/34

Central guide
14,15,16,16A
384-423

=====
SECTION 29
L6655/47 D A4 ----- ----- L6655-47.pdf 40 K
L6655/34

Plug - Eccentric bearing
14,15,16,16A,20
350-423,700-713

=====
SECTION 29
L6655/48 D A4 ----- ----- L6655-48_HQ.pdf 401 K
L6655/34

Pad - eccentric bearing
14,15,16,16A,20
350-423,700-713

=====

SECTION 29

L6655/50 D A4 ----- L6655-50.pdf 36 K
L6655/34

Spring - eccentric bearing
14,15,16,16A,20
350-423,700-713

SECTION 29

L6655/51 D A4 ----- L6655-51_HQ.pdf 215 K
L6655/34

Plug - oil regulating
14,15,16,16A,20
354-423,700-713

SECTION 29

L6655/52 D A4 ----- L6655-52.pdf 38 K
L6655/34

Peg
14,15,16,16A,20
350-423,700-713

SECTION 29

L6655/53 D A4 ----- L6655-53.pdf 34 K
L6655/34

Spring
14,15,16,16A,20
350-423,700-713

SECTION 29

L6655/54 D A4 ----- L6655-54.pdf 54 K
L6655/34

Pump plunger
14,15,16,16A,20
350-423,700-713

SECTION 29

L6655/55 D A4 ----- L6655-55_HQ.pdf 240 K
L6655/34

Sleeve valve
14,15,16,16A
350-423, 700-713

SECTION 29

L6655/56 D A4 ----- L6655-56.pdf 57 K
L6655/34

Pump Barrel
14,15,16,16A
384-423

SECTION 29
L6655/57 D A4 ----- 1 ----- L6655-57.pdf 34 K
L6655/34

Spring
14,15,16,16A,20
360-423,700,713

=====
SECTION 29
L6655/58 D A4 ----- ----- ----- L6655-58.pdf 165 K
L6655/34

Plug, spring seat
14,15,16,16A,20
350-423,700-713

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SECTION 29
L6655/59 D A4 ----- ----- ----- L6655-59.pdf 36 K
L6655/34

Plate for central guide
14,15,16,16A
384-423

=====
SECTION 29
L6655/60 D A4 ----- 1 ----- L6655-60.pdf 32 K
L6655/34

Spring for lid
14,15,16,16A

=====
SECTION 29
L6655/62 S A4 ----- 1 ----- L6655-62.pdf 66 K

Ratchet wheel & Case, Mechanical lubricator
14,14A,15,16,16A

=====
SECTION 29
L6655/63 D A4 ----- ----- ----- L6655-63_HQ.pdf 179 K
L6655/62

Spring, Pawl plunger
14,14A,15,16,16A,20

=====
SECTION 29
L6655/64 D A4 ----- ----- ----- L6655-64.pdf 40 K
L6655/62

Pin, Pawl plunger, Mechanical lubricator
14,14A,15,16,16A,20

=====

SECTION 29
L6655/65 D A4 ----- A ----- L6655-65.pdf 45 K
L6655/62

Bolt & Nut, Ratchet wheel cover, mechanical lubricator
14,14A,15,16,16A

=====

SECTION 29
L6655/75 D A4 ----- ----- L6655-75.pdf 71 K
L6655/34

Strainer, No. 7 mechanical lubricator
14,15,16,16A

=====

SECTION 29
L6655/79 D A4 ----- ----- L6655-79.pdf 39 K

Nut, securing mech. Lub. arm to rev. link trunnion
14A,15,16A,20,20A

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SECTION 29
L6655/81 D A4 ----- ----- L6655-81_HQ.pdf 668 K
L6655/34

Lid, No.7 mechanical lubricator
14,15,16,16A

=====

SECTION 29
L6717/22 D A4 ----- ----- L6717-22_HQ.pdf 126 K

Screw, fulcrum, ratchet pawl
14,15,16,16A,20

=====

SECTION 29
L6741/121 D A4 ----- ----- L6741-121.pdf 51 K

Oil cup
15 and other locos

For details of lid see Drg. L6741/122

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SECTION 29
L6741/122 D A4 ----- ----- L6741-122.pdf 47 K
L6741/121

Lid (for oil cup)
15 and other locos

For oil cup and assembly see Drg. L6741/121

=====

SECTION 29
L6741/124 D A4 ----- L6741-124_HQ.pdf 202 K

Choke (Detroit lubricator)
15 and other locos

For choke body see Drawing L6746/11

=====
SECTION 29
L6741/28 D A4 ----- L6741-28.pdf 35 K

Lubricator plug
14A,15,16A

Drawing marked "Cancelled, see drgs L6741/32 to L6741/36"

=====
SECTION 29
L6741/32 S A4 ----- L6741-32.pdf 47 K

Lubricator, steam reverser
11,12,13,14,14A,15,16,16A,17,19A

=====
SECTION 29
L6741/33 D A4 ----- L6741-33.pdf 44 K
L6741/32

Body, steam reverser lubricator
10,11,12,12A,14,14A,15,16,16A,17,19,20,20A

=====
SECTION 29
L6741/34 D A4 ----- L6741-34_HQ.pdf 245 K
L6741/32

Filler plug, steam reverser lubricator
10,11,12,14,14A,15,16,16A,17,19,20,20A

=====
SECTION 29
L6741/35 D A4 ----- L6741-35.pdf 48 K
L6741

Drain plug, steam reverser lubricator
11,12,12A,14,14A,15,16,16A,17,19,20,20A

=====
SECTION 29
L6741/36 D A4 ----- L6741-36.pdf 39 K
L6741

Adaptor, steam reverser lubricator
15 and other locos

SECTION 29
L6741/74 D A4 ----- ----- ----- L6741-74_HQ.pdf 226 K

Oil cup cover, Type D, size 8A
15 and other locos

=====
SECTION 29
L6745/75 D A4 ----- ----- ----- L6745-75.pdf 38 K

Connection (lubricator to hind exhaust ball joint)
14A,16A

=====
SECTION 29
L6746/11 D A4 ----- ----- ----- L6746-11_HQ.pdf 287 K

Connection, sight feed lubricator (Choke body)
15 and other locos

For choke see drawing L6741/124

=====
SECTION 29
L6746/41 D A4 ----- ----- ----- L6746-41_HQ.pdf 286 K

Connection, lubricator overflow from steam ball joint
15,16A,17

=====
SECTION 29
L6746/81 D A4 ----- ----- ----- L6746-81.pdf 43 K

Adaptor, grease nipple, for side bearer lubrication
DE2

=====
SECTION 29
L6757/236 D A4 ----- ----- ----- L6757-236.pdf 41 K

Oil Gland, (valve spindle lubricator)
15 and other locos

For lid, see drg. L6757/239

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SECTION 29
L6757/239 D A4 ----- ----- ----- L6757-239.pdf 28 K

Lid, for oil gland
15 and other locos

For gland casting see Drg. L6757/236

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SECTION 29

L6760/12 D A4 ----- ----- ----- L6760-12_HQ.pdf 243 K

Oil control valve, Detroit 32A four feed lubricator
15 and other locos

SECTION 29

L6760/13 D A4 ----- ----- ----- L6760-13_HQ.pdf 266 K

Stuffing box, oil control valve, Detroit 32A four feed lubricator
15 and other locos

SECTION 29

L6760/16 D A4 ----- ----- ----- L6760-16_HQ.pdf 243 K

Plug, blow through valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/17 D A4 ----- ----- ----- L6760-17_HQ.pdf 209 K

Plug, condenser, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/18 D A4 ----- ----- ----- L6760-18_HQ.pdf 243 K

Spring, oil control valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/20 D A4 ----- ----- ----- L6760-20_HQ.pdf 221 K

Gland, steam valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/22 D A4 ----- ----- ----- L6760-22_HQ.pdf 263 K

Stuffing box, steam valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/23 D A4 ----- L6760-23_HQ.pdf 276 K

Spindle, steam valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/3 D A4 ----- L6760-3_HQ.pdf 189 K

Spindle, feed and water valves, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/32 D A4 ----- L6760-32_HQ.pdf 271 K

Feed nozzle, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/33 D A4 ----- L6760-33_HQ.pdf 295 K

Seat, filler plug, for Eureka type "E" & Detroit lubricators.
15 and other locos

SECTION 29

L6760/34 D A4 ----- L6760-34_HQ.pdf 241 K

Filler plug, all sight feed lubricators.
15 and other locos

SECTION 29

L6760/35 D A4 ----- L6760-35_HQ.pdf 246 K

Retaining nut, lubricator sight glasses.
15 and other locos

SECTION 29

L6760/36 D A4 ----- L6760-36_HQ.pdf 246 K

Seat, water valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/37 D A4 ----- L6760-37_HQ.pdf 220 K

Plug, condenser, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/38 D A4 ----- L6760-38_HQ.pdf 211 K

Seat, renewable, steam valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/39 D A4 ----- L6760-39_HQ.pdf 242 K

Valve head, steam valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/41 D A4 ----- L6760-41_HQ.pdf 225 K

Plug, drain valve, sight feed lubricator.
15 and other locos

SECTION 29

L6760/42 D A4 ----- L6760-42_HQ.pdf 295 K

Body, drain valve, sight feed lubricator.
15 and other locos

Drg. marked: "Supersedes Drg. 5/6273 and L6760/31"

SECTION 29

L6760/47 D A4 ----- L6760-47_HQ.pdf 192 K

Cage, ball, water check valve, Detroit 32A four feed lubricator.
15 and other locos

SECTION 29

L6760/50 D A4 ----- L6760-50_HQ.pdf 232 K

Glass, sight feed lubricator.
15 and other locos

SECTION 29
L6760/6 D A4 ----- ----- ----- L6760-6_HQ.pdf 207 K

Stuffing box, feed and water valves, Detroit 32A four feed lubricator.
15 and other locos

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SECTION 29
L6760/8 D A4 ----- ----- ----- L6760-8_HQ.pdf 201 K

Filler plug, Detroit 32A four feed lubricator.
15 and other locos

Drawing marked: "Obsolescent, see drawing L6760/34"

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SECTION 29
L6829 DR B1 04/53 1 02/64 Not scanned

Modified lubrication to inner bogie swing link pins
15

This drawing marked "Cancelled"

=====
SECTION 29
L7272/135 D A4 ----- ----- ----- L7272-135.pdf 28K

Pin No. 135 (Eye bolt, mechanical lubricator lid)
15 and other locos

=====
SECTION 29
L7272/60 D A4 ----- ----- ----- L7272-60.pdf 34 K

Pin No. 60 (hinge pin for mechanical lubricator lid)
15 and other locos

=====
SECTION 29
L7388 R A1 04/58 ----- ----- Not scanned

Fitting of modified lid. 4-pint No.7 mechanical lubricator
14,15,16,16A

=====
SECTION 29
L7604 R B1 02/60 ----- ----- Not scanned

Provision of compoflex pipes at pivot centres.
15

Drawing marked:- "This drawing supersedes Drg. No. L-7543".

=====

SECTION 29
L7632 DR B1 07/60 ----- Not scanned

Arrangement of stabiliser bracket for Detroit lubricator
15

=====
SECTION 29
L7782 DR B1 09/61 ----- L7782.pdf 19 M

Firebox steady bracket cover & grease lubrication of expansion angle liners
15

=====
SECTION 29
L8044 DR A1 05/64 ----- Not scanned

Improved grease lubrication of hind unit intermediate reversing shaft.
15,16A

=====
SECTION 29
L8576 R B1 11/68 ----- Not scanned

Provision of oil lubrication at valve spindle crosshead & piston rod.
14A,15,15A,16A,19,19B,20,20A

=====
SECTION 29
L8663 DR B1 12/69 ----- Not scanned

Lubrication of steam pipe expansion joints
15,15A

=====
SECTION 29
L8687 R B1 01/70 ----- Not scanned

Mechanical lubrication of steampipe ball joint.
15,15A

=====
SECTION 29
S-619 D A4 ----- S-619.pdf 36 K

Lubrication of radius rod/combination lever pin
14A,15,15A,16A,19,19B,20,20A

=====

SECTION 30
4219/4 D A4 ----- 2 ----- 4219-4.pdf 38 K
Various

1/2" Dia Ball
15 and various others

Used on a number of different valves, drain cocks, ball joints etc.
Probably a standard commercial item.

=====
SECTION 30
4749 D B1 04/50 ----- ----- Not scanned

Standard pipe fittings.
15 and other locos

Shows standard bronze fittings used for copper pipes including cones, sockets,
nipples, union nuts, cap nuts, fluted union nuts, & gauges for manufacturing.

=====
SECTION 30
6032 I B1 01/46 ----- ----- Not scanned

Locomotive and tender wheel notation
15 and other locos

=====
SECTION 30
6451 I A4 ----- ----- 6451.pdf 53 K

Distribution of valve gear
15 and other locos
All

This is a chart for recording valve setting data and other engine data.

=====
SECTION 30
74/T8082/155 M B1 02/39 ----- ----- Not scanned

Coupled wheel balancing (calculations)
15

=====
SECTION 30
74/T8082/230 D B1 02/39 ----- ----- Not scanned

Makers nameplate (and various other instruction & information plates)
15 and other locos

=====
SECTION 30
74/T8082/231 D B1 02/39 ----- ----- Not scanned

Clamp for removing reversing shaft arm (and re-railing ramp)
15

=====

SECTION 30
81/T2926/1 R B1 10/45 ----- Not scanned

Diagram (of locomotive)
15

354 - 413

Shows diagram of loco, principal dimensions, axle loads, tractive effort,
boiler data, fuel & water capacity, etc.

=====
SECTION 30
81/T2926/225 D B1 10/45 ----- 81-T2926-225.pdf 5 M

Number plate etc.

15, 15A

354 - 413

=====
SECTION 30
81/T2926/226 D B1 10/45 ----- 81-T2926-226.pdf 10 M

Maker's nameplates etc.

15

354 - 413

=====
SECTION 30
81/T2926/290 I B1 10/45 ----- Not scanned

Index (to drawings)

15

Consolidated list of Beyer-Peacock drawings for
Order Nos. 74/T8082 and 81/T2926.

=====
SECTION 30
81/T2926/49 DR B1 10/49 1 11/50 Not scanned

Chime whistle & details.

15 and other locos

Copy of Rhodesia Railways drg. 5863

=====
SECTION 30
81/T2926/53 DR B1 10/45 ----- Not scanned

Extension spindles & carriers (for steam turret valves incl. nameplate)

15

354 - 423

=====
SECTION 30
81/T2926/54 DR B1 10/45 ----- Not scanned

Gauge carriers (brackets for pressure gauges in cab)

15

354 - 413

=====

SECTION 30
81/T2926/57 D B1 10/45 ---- ---- Not scanned

Hand wheels & markings
15
354 - 413
Also shows engraving on reverser scale.

=====
SECTION 30
81/T2926/70 D B1 10/45 ---- ---- Not scanned

Coal watering & bucket cock valves.
15
354 - 423
Also shows other miscellaneous pipe fittings & brackets.

=====
SECTION 30
81/T2926/73 D B1 10/45 ---- ---- Not scanned

Miscellaneous brasswork.
15
354 - 423
Shows a variety of bronze pipe fittings.

=====
SECTION 30
81/T2926/74 D B1 10/45 ---- ---- Not scanned

Miscellaneous brasswork
15
354 - 413
Shows a variety of bronze pipe fittings & lubricators for
rocking grate cylinder & other uses.
=====

SECTION 30
81/T2926/75 D B1 10/45 ---- ---- Not scanned

Miscellaneous brasswork
15
354 - 423
Shows a variety of bronze valves, pipe fittings & joints, lubricators,
cocks, & lubrication connection to main steam pipes at cylinders.
=====

SECTION 30
81/T2926/76 D B1 10/45 ---- ---- Not scanned

Miscellaneous brasswork
15
354 - 413
Miscellaneous "brass" pipe fittings, elbows, locknuts,
couplings, sockets, etc. Mainly for copper pipes below 1" dia.
=====

SECTION 30
81/T2926/82 D B1 10/45 ---- ---- Not scanned

Pipe carriers
15
354 - 423
Shows carriers & clips for vacuum reservoirs, train pipe, ejector
pipes, dummy coupling bracket, etc.
=====

SECTION 30
81/T2926/83 D B1 10/45 ----- Not scanned

Pipe carriers
15
354 - 413
Shows brackets and clips for a wide variety of
pipe fixings.

SECTION 30
81/T2926/84 D B1 10/45 ----- Not scanned

Pipe carriers.
15
354 - 423
Shows a variety of brackets, pipe clips, wood packing blocks, etc.

SECTION 30
81/T2926/85 D B1 10/45 ----- Not scanned

Pipe carriers
15
354 - 423
Shows various pipe clips and carriers for pipe clips,
lubricators, oil boxes, drain pipes, etc.

SECTION 30
81/T2926/86 D B1 10/45 ----- Not scanned

Miscellaneous pipe clips.
15
354 -423
Shows various pipe clips, brackets, wood packing blocks, etc.

SECTION 30
Chart No. 16 M A4 ----- Chart_16_HQ.pdf 257 K

Weight distribution, 15th Class
15
This is a chart for recording actual weight distribution.

SECTION 30
Chart No. L-6 M A4 ----- Chart_L6.pdf 185 K

Wheel hammer blow, 15th Class locos
15

SECTION 30
I/4749/21 D A4 ----- 1 ----- I-4749-21.pdf 30 K

1-1/2" Pipe Cone
15 and all others

SECTION 30
I/4749/38 D A4 ----- 1 ----- I-4749-38.pdf 33 K

Cone, mechanical lubricator
15 and all others

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SECTION 30
L6774/41 D A4 ----- ----- L6774-41.pdf 45 K

Letter 'R'
15 and other locos

Not now used. Was used to indicate ownership.

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SECTION 30
L7223/1 D A4 ----- ----- L7223-1.pdf 54 K

Piston ring drums
15 and other locos

=====
SECTION 30
L7223/2 D A4 ----- ----- L7223-2.pdf 48 K

Valve ring drums
15 and other locos

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SECTION 30
L7304 M A4 ----- ----- L7304-0.pdf 21 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Cover sheet

=====
SECTION 30
L7304/1 M A4 ----- ----- L7304-1.pdf 27 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 1, index

=====
SECTION 30
L7304/10 D A4 ----- ----- L7304-10_HQ.pdf 411 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 10, Cylinder & steam chest liner bores

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SECTION 30
L7304/11 D A4 ----- L7304-11_HQ.pdf 200 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 11, Connecting rods

SECTION 30
L7304/12 D A4 ----- L7304-12_HQ.pdf 228 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 12, Distance between wheel bosses

SECTION 30
L7304/13 D A4 ----- L7304-13_HQ.pdf 218 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 13, Crossheads

SECTION 30
L7304/14 D A4 ----- L7304-14_HQ.pdf 263 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 14, Piston & crosshead assemblies

SECTION 30
L7304/15 D A4 ----- L7304-15_HQ.pdf 311 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 15, Coupling rods, dimensions

SECTION 30
L7304/16 D A4 ----- L7304-16_HQ.pdf 218 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 16, Coupling rods, diagrams

SECTION 30
L7304/17 D A4 ----- L7304-17_HQ.pdf 149 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 17, Coupled wheel axleboxes with grease lubrication

SECTION 30
L7304/19 D A4 ----- ----- ----- L7304-19_HQ.pdf 136 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 19, Gudgeon pins

=====
SECTION 30
L7304/2 D A4 ----- ----- ----- L7304-2.pdf 28 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 2, issue list

=====
SECTION 30
L7304/3 D A4 ----- ----- ----- L7304-3_HQ.pdf 366 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 3, Coupled wheel axle journals

=====
SECTION 30
L7304/4 D A4 ----- ----- ----- L7304-4_HQ.pdf 259 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 4, Bogie & tender axle journals

=====
SECTION 30
L7304/5 D A4 ----- ----- ----- L7304-5_HQ.pdf 379 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 5, Crankpins

=====
SECTION 30
L7304/6 D A4 ----- ----- ----- L7304-6_HQ.pdf 232 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 6, Valve spindles

=====
SECTION 30
L7304/7 D A4 ----- ----- ----- L7304-7_HQ.pdf 138 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 7, Piston rods

=====

SECTION 30
L7304/8 D A4 ----- L7304-8_HQ.pdf 264 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 8, Slide bars

=====
SECTION 30
L7304/9 D A4 ----- L7304-9_HQ.pdf 321 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 9, Tyre thickness on tread

=====
SECTION 30
L9370 I A1 03/79 F 05/81 Not scanned

Tabulation of tolerances for use at R.E.S.C.Co. (ZECO) works
14A,15,16A,20,20A

This drawing shows tolerances pertaining to dimensions of
horn guides for driving axles.

=====
SECTION 30
M6671/336 D A4 ----- M6671-336.pdf 39 K

Nameplate
15 and other locos

This is a "generic" drawing of the nameplates.
The length was adjusted to suit the name.

=====
SECTION 31
6451 I A4 ----- 6451.pdf 53 K

Distribution of valve gear
15 and other locos

All
This is a chart for recording valve setting data and other engine data.

=====
SECTION 31
74/T8082/142 D B1 02/39 13 12/58 Not scanned

Motion details
15

Shows all details of valve gear and valve spindles.

=====
SECTION 31
74/T8082/145 DR B1 02/39 1 09/53 Not scanned

Main reversing shaft & balance weight.
15

SECTION 31
74/T8082/231 D B1 02/39 ---- ---- Not scanned

Clamp for removing reversing shaft arm (and re-railing ramp)
15

=====
SECTION 31
81/T2926/124 R B1 10/45 ---- ---- 81-T2926-124.pdf 22 M

Motion arrangement (and valve events tables)
15

354 - 413

=====
SECTION 31
81/T2926/125 D B1 10/45 ---- ---- 81-T2926-125.pdf 8 M

Motion details
15

354 - 413
Shows all parts of valve gear (except expansion links) including valve spindles.

=====
SECTION 31
81/T2926/126 DR B1 10/45 ---- ---- 81-T2926-126.pdf 13 M

Reversing links, die blocks, (slidebars & bolts)
15

354 - 413

=====
SECTION 31
81/T2926/127 D B1 10/45 ---- ---- Not scanned

Reversing link carrier (Motion bracket)
15

354 - 413
Shows motion bracket, reversing link carrier & bush, and various bolts.

=====
SECTION 31
81/T2926/130 D B1 10/45 6 09/61 Not scanned

Piston rod & return crank etc.
15

354 - 413
Shows piston rod, eccentric crank & crank settings, crank pins, gudgeon pins.

=====
SECTION 31
81/T2926/131 D B1 10/45 2 12/62 Not scanned

Motion pins
15

354 - 423
Shows pins for valve gear and pins for various levers in the reversing gear.

=====

SECTION 31
81/T2926/260 D B1 10/45 2 04/57 Not scanned

Motion details, (valve) crosshead, lifting & connecting link.
15
354 - 423

=====
SECTION 31
L6652/64 D A4 ----- L6652-64.pdf 42 K

Adaptor for grease nipple, expansion link trunnion
15,16A
All

=====
SECTION 31
L6757/175 D A4 ----- L6757-175.pdf 57 K

Bearing, intermediate reversing shaft
15,16A

Drawing marked "This drg. cancels drg. L6757/45"

=====
SECTION 31
L6757/180 D A4 ----- L6757-180.pdf 21 K

Washer, main reversing shaft
15,16A

=====
SECTION 31
L6757/219 D A4 ----- L6757-219_HQ.pdf 315 K

Slide block, valve connecting rod
15,16A

=====
SECTION 31
L6757/243 SS A4 ----- L6757-243.pdf 46 K

L6757/28
Die block (casting and common machining)
9,9B,10,14,15,16A,17

Drawing of item as part made for stores stock. For finished item see L6757/28.

=====
SECTION 31
L6757/28 D A4 ----- 2 ----- L6757-28.pdf 61 K

Die block, reversing link
14A,15,16A,17

SECTION 31
L6757/321 D A4 ----- L6757-321_HQ.pdf 284 K

Bush (for reversing link trunnion)
14A,15,16A,17

=====
SECTION 31
L6757/336 D A4 ----- L6757-336.pdf 36 K

Nut, slotted (for securing arm to reversing shaft)
19

=====
SECTION 31
L6757/372 SS A4 ----- L6757-372.pdf 54 K
L6757/371

Pin
15,16A

Part finished item.

=====
SECTION 31
L6757/381 D A4 ----- L6757-381_HQ.pdf 339 K

Die block
15,20
Not for 15th class
See drawing as possible modification for existing die blocks.

=====
SECTION 31
L6757/80 D A4 ----- L6757-80.pdf 55 K

Bearing, Main rev. shaft carrier bearing, outer
15,16A

=====
SECTION 31
L6757/81 D A4 ----- L6757-81.pdf 60 K

Bearing, Main rev. shaft carrier bracket, inner
15

=====
SECTION 31
L7017/3 D A4 ----- L7017-3.pdf 39 K

Pin, valve connecting rod at die block
15,16A

=====

SECTION 31

L8044 DR A1 05/64 ----- Not scanned

Improved grease lubrication of hind unit intermediate reversing shaft.
15,16A

=====

SECTION 31

S-619 D A4 ----- S-619.pdf 36 K

Lubrication of radius rod/combination lever pin
14A,15,15A,16A,19,19B,20,20A

=====

SECTION 32

108/LO1105/108 D B1 04/50 ----- Not scanned

Steel flanges (for steam, exhaust, & equilibrium pipes)
16A
620 - 649

=====

SECTION 32

108/LO1105/59 D B1 04/50 ----- Not scanned

Superheater air valve ("Gresley" type)
16A
620 - 649

This item is the "snifter" valve mounted on the superheater header.

=====

SECTION 32

108/LO1105/84 R B1 04/50 ----- Not scanned

Top feed clackbox & feed water heater.
16A
620 - 649
Copy of Gresham & Craven drawing No. R.989

=====

SECTION 32

4219/4 D A4 ----- 2 ----- 4219-4.pdf 38 K
Various

1/2" Dia ball
15 and various others

Used on a number of different valves, drain cocks, ball joints etc.
Probably a standard commercial item.

=====

SECTION 32

5377 D A1 02/39 ----- Not scanned

Miscellaneous locomotive fittings
15 and other locos

Contains details of a non-standard whistle plug, flame plates and pipe clips.

=====

SECTION 32
5647 D B1 03/47 ----- Not scanned

Water tube inspection plug & seating.
11,12,13,14,16

=====
SECTION 32
5863 DR B1 08/44 ----- Not scanned

Rhodesia Railways standard chime whistle.
15 and other locos

=====
SECTION 32
5863/1 S A4 ----- 5863-1.pdf 61 K

Std. Chime Whistle
15 and all others

=====
SECTION 32
5863/10 D A4 ----- 1 ----- 5863-10.pdf 23 K
5863/10

Spring, Std chime whistle
15 and all others

=====
SECTION 32
5863/11 D A4 ----- 1 ----- 5863-11.pdf 29 K
5863/1

Plug, Std. chime whistle
15 and all others

=====
SECTION 32
5863/12 D A4 ----- 0 ----- 5863-12.pdf 27 K
5863/1

Spindle guide
15 and all others

=====
SECTION 32
5863/13 D A4 ----- 2 ----- 5863-13.pdf 39 K
5863/1

Seat
15 and all others

Used for std. whistle valves and Ajax firedoor valves.
Technically superseded by drg 6644/6.

=====

SECTION 32
5863/14 D A4 ----- 0 ----- 5863-14.pdf 23 K
5863/1
Shackle, Std. chime whistle
15 and all others

=====
SECTION 32
5863/15 D A4 ----- 0 ----- 5863-15.pdf 24 K
5863/1
Shackle pin, Std. chime whistle
15 and all others

=====
SECTION 32
5863/2 D A4 ----- 0 ----- 5863-2.pdf 47 K
5863/1
Three Chamber Whistle Cylinder
15 and all others

=====
SECTION 32
5863/3 D A4 ----- 2 ----- 5863-3.pdf 65 K
5863/1
Body, Std chime whistle
15 and all others

=====
SECTION 32
5863/4 D A4 ----- 0 ----- 5863-4_HQ.pdf 215 K
5863/1
Diaphragm, Std chime whistle
15 and all others

=====
SECTION 32
5863/5 D A4 ----- 0 ----- 5863-5.pdf 28 K
5863/1
Operating lever, Std. chime whistle
15 and all others

=====
SECTION 32
5863/6 D A4 ----- 0 ----- 5863-6.pdf 23 K
5863/1
Pin. operating lever, Std chime whistle
15 and all others

Technically superseded by drg 7272/110

=====

SECTION 32
5863/7 D A4 ----- A ----- 5863-7.pdf 23 K
5863/1
Bush, operating lever, Std. chime whistle
15 and all others

=====
SECTION 32
5863/8 D A4 ----- 1 ----- 5863-8.pdf 28 K
5863/1
Spindle, Std chime whistle
15 and all others

=====
SECTION 32
5863/9 D A4 ----- A ----- 5863-9.pdf 26 K
5863/1
Spindle cap, Std. chime whistle
15 and all others

=====
SECTION 32
74/T8082/26 D B1 02/39 ----- ----- Not scanned

Internal pipe carriers (dry pipe). (Also blowdown valve)
15

For details of blowdown valve see drgs. for valve no. 26 (L6644 series A4 drgs.)

=====
SECTION 32
74/T8082/54 D B1 02/39 ----- ----- Not scanned

Safety valve, blower & steam heating valve etc.
15

=====
SECTION 32
81/T2926/17 D B1 10/45 ----- ----- 81-T2926-17.pdf 7 M

Mud and fusible plugs etc.
15
354 - 423
Also shows cast seatings for firebox corner mud plugs.

=====
SECTION 32
81/T2926/22 D B1 10/45 ----- ----- Not scanned

Blow-off cock operating details.
15
354 - 423
Brackets, levers, rods, etc. for operating boiler
blowdown valve from cab.

=====

SECTION 32
81/T2926/39 R B1 ----- 9 11/69 81-T2926-39.pdf 87 M

Firebox fixings arrgt. (Arrgt. of backhead fittings)
15

354 - 413

Shows layout of piping, gauges, valves, etc in cab on backhead of boiler.

=====
SECTION 32
81/T2926/42 DR B1 10/45 2 07/57 Not scanned

Drifting valve & details

15

354 - 423

Later replaced by std. valve no. 27 on L6644. Removed altogether in 1957.

=====
SECTION 32
81/T2926/44 DR B1 10/45 ----- Not scanned

(Boiler) gauge glass, cocks, & protector.

15

354 - 413

=====
SECTION 32
81/T2926/49 DR B1 10/49 1 11/50 Not scanned

Chime whistle & details.

15 and other locos

Copy of Rhodesia Railways drg. 5863

=====
SECTION 32
81/T2926/50 D B1 10/45 ----- Not scanned

Steam turret

15

354 - 413

=====
SECTION 32
81/T2926/52 D B1 10/45 ----- Not scanned

Steam valves on turrets

15

354 - 423

=====
SECTION 32
81/T2926/53 DR B1 10/45 ----- Not scanned

Extension spindles & carriers (for steam turret valves incl. nameplate)

15

354 - 423

=====

SECTION 32
81/T2926/54 DR B1 10/45 ----- Not scanned

Gauge carriers (brackets for pressure gauges in cab)
15
354 - 413

=====
SECTION 32
81/T2926/78 D B1 10/45 ----- Not scanned

Brass flanges
15
354 - 423
Shows flanges for injector pipes, brake ejector, and
plug for bunker drain.

=====
SECTION 32
L-1/6571 D A4 ----- 1 ----- L6571-1.pdf 64 K
L6571

Details, 2" clackbox
15 and 16
350-413
Drg shows valve, valve cap and steel square for end of valve spindle.
Clack internal isolating valve

=====
SECTION 32
L-1/6571 D A4 ----- 1 ----- L6571-1.pdf 64 K
L6571

Details, 2" clackbox
15 and 16
350-413
Drg shows valve, valve cap and steel square for end of valve spindle.
Clack internal isolating valve

=====
SECTION 32
L-2/6571 D A4 ----- ----- L6571-2.pdf 50 k
L6571

Cone details, 2" clackbox
15
350-413
Drg shows combining cone and water cone

=====
SECTION 32
L-2/6571 D A4 ----- ----- L6571-2.pdf 50 K
L6571

Cone details, 2" clackbox
15
350-413
Drg shows combining cone and water cone

=====
SECTION 32
L-3/6571 D A4 ----- ----- L6571-3.pdf 56 k
L6571

15 and other locos

=====

SECTION 32
L-3/6571 D A4 ----- L6571 L6571-3.pdf 56 K

15 and other locos
350-413

=====
SECTION 32
L-4/6571 D A4 ----- L6571 L6571-4.pdf 49 K

Clack valve cover and test screw, 2" clackbox
15 and other locos

=====
SECTION 32
L-6/6571 D A4 ----- L6571 L6571-6.pdf 67 K

Clack valve, 2" clackbox
15
358-413

=====
SECTION 32
L-7/6571 D A4 ----- L6571 L6571-7.pdf 43 K

Valve seating, 2" clackbox
15,16A

=====
SECTION 32
L6513/3 D A4 ----- L6513-3.pdf 41 K

Fusible plug
15 and other locos

=====
SECTION 32
L6571/24 D A4 ----- L6571 L6571-24.pdf 40 K

Stop valve, 1-3/4" clackbox

=====
SECTION 32
L6571/25 D A4 ----- L6571 L6571-25.pdf 40 K

Cap, stop valve, 1-3/4" clackbox

=====

SECTION 32
L6571/44 D A4 ----- 1 ----- L6571-44.pdf 62 K
L6571

Water distributing nozzle, top feed clackbox
9A,9B,14,14A,15,16A

=====
SECTION 32
L6624/1 D A4 ----- ----- L6624-1.pdf 37 K

Modified pilot valve for multiple valve regulator
11,11A,12A

=====
SECTION 32
L6624/13 D A4 ----- B ----- L6624-13.pdf 50 K

Bolt, regulator valve head
15,16,16A

=====
SECTION 32
L6624/14 D A4 ----- A ----- L6624-14.pdf 48 K

Nut, regulator valve head
15,16,16A

=====
SECTION 32
L6624/2 D A4 ----- ----- L6624-2.pdf 29 K

Modification to pilot valve seat for multiple valve regulator
11,11A,12A

=====
SECTION 32
L6624/3 D A4 ----- 3 ----- L6624-3.pdf 60 K

Regulator valve (Bottom)
15,16A

=====
SECTION 32
L6624/5 D A4 ----- 3 ----- L6624-5.pdf 68 K

Seating, top regulator valve
15,16,16A

=====

SECTION 32
L6624/6 D A4 ----- L6624-6.pdf 80 K

Valve, regulator top
15,16A

=====
SECTION 32
L6644 I A4 ----- L6644_Page_3.pdf 74 K

Index (Valves), Page 3
15 and all others

=====
SECTION 32
L6644 I A4 ----- L6644_Page_4.pdf 80 K

Index (Valves), Page 4
15 and all others

=====
SECTION 32
L6644 I A4 ----- L6644_Page_5.pdf 64 K

Index (Valves), Page 5
15 and all others

=====
SECTION 32
L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1
11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

=====
SECTION 32
L6644 S A4 ----- L6644_Valve_No_10.pdf 61 K

Valve No.10
6,7,9

Not used on 15th class

=====
SECTION 32
L6644 S A4 ----- L6644_Valve_No_11.pdf 58 K

Valve No.11
14,16

Not used on 15th class
Used on 14 & 16 classes for injector steam valve

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_12.pdf 61 K

Valve No.12
9,12

Not used on 15th class
Used on 9 & 12 classes for injector steam valve

SECTION 32
L6644 S A4 ----- L6644_Valve_No_13.pdf 55 K

Valve No.13
14,16

Not used on 15th class
Used on 14,14A & 16 classes for injector steam valve

SECTION 32
L6644 S A4 ----- L6644_Valve_No_14.pdf 52 K

Valve No.14
9,11,12,14

Not used on 15th class
Used on 9,9A,9B,11,12,12A,& 14 classes for injector steam valve

SECTION 32
L6644 S A4 ----- L6644_Valve_No_15.pdf 56 K

Valve No.15
9,11,12

Not used on 15th class
Used on 9A,11 & 12A classes for injector steam valve

SECTION 32
L6644 S A4 ----- L6644_Valve_No_16.pdf 53 K

Valve No.16
13

Not used on 15th class
Used on 13th class for injector steam valve

SECTION 32
L6644 S A4 ----- L6644_Valve_No_18.pdf 56 K

Valve No.18
14A,15,16A,20,20A

Used on 15th class for Ashpan drench

SECTION 32
L6644 S A4 10/53 ----- L6644(A)_Valve_No_19.pdf 88 K

Valve No.19
14,14A,15,16,16A,19

Used on 15th class for Rocking grate.
Drg marked "Cancelled" see L-6644 dated 25/10/63

SECTION 32
L6644 S A4 11/63 ----- L6644(B)_Valve_No_19.pdf 63 K

Valve No.19
14,14A,15,16,16A,19

Used on 15th class for Rocking grate.
Supercedes drg L-6644 dated 10/53

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_2.pdf 70 K

Valve No.2
All classes

Used on 15th class for coal watering.

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_20.pdf 40 K

Valve No.20
11A

Not used on 15th class
Used on 11A class for top gauge glass cock

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_21.pdf 44 K

Valve No.21
11A

Not used on 15th class
Used on 11A class for bottom gauge glass cock

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_22.pdf 51 K

Valve No.22
17

Not used on 15th class
Used on 17th class for injector steam valve

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_23.pdf 47 K

Valve No.23

Drawing marked "Not Used"
Was used for drifting valve

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_24.pdf 69 K

Valve No.24

Drawing marked "Obsolescent"
Was used on 14th & 16th class for boiler blowdown

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_25.pdf 66 K

Valve No.25

Drawing marked "Obsolescent"
Was used on 12th class for boiler blowdown

SECTION 32
L6644 S A4 ----- L6644_Valve_No_26.pdf 85 K

Valve No.26 (Everlasting blow-off cock).
15 and most others

"Everlasting" boiler blowdown cock

SECTION 32
L6644 S A4 ----- L6644_Valve_No_27.pdf 64 K

Valve No.27
14A,15,16A,19

Sellers type drifting valve. Drawing marked "Removed"
Was used on 14A,15(locos 384-423),16A & 19th classes

SECTION 32
L6644 S A4 ----- L6644(A)_Valve_No_3.pdf 79 K

Valve No.3
9A,11,11A,12A,14A,15,16A,17,19

Used on 15th class for Lubricator and Blower. Drg marked "Superceded by L-6644 of 10-3-60"
Used on other classes for Blower, Drifter, Lubricator, Steam Heating.

SECTION 32
L6644 S A4 ----- L6644(B)_Valve_No_3.pdf 71 K

Valve No.3
15 and other locos

Used on 15th class for Lubricator and Blower.
Used on other classes for Blower, Drifter, Lubricator, Steam Heating.

SECTION 32
L6644 S A4 ----- L6644_Valve_No_30.pdf 86 K

Valve No.30

Drawing marked "Obsolescent"
Was used for cylinder drain cocks and rocking grate

SECTION 32
L6644 S A4 ----- L6644_Valve_No_31.pdf 56 K

Valve No.31
20,20A

Not used for 15th class
Used on 20 & 20A classes for injector steam valve

SECTION 32
L6644 D A4 ----- L6644(A)_Valve_No_32.pdf 60 K

Valve No.32
15 and other locos

Drawing marked "Cancelled - See Drg L-6644 dated 8-5-62"

=====

SECTION 32
L6644 D A4 ----- L6644(B)_Valve_No_32.pdf 66 K

Valve No.32
15 and other locos

Drawing marked "Superceded by Drg L-6644 Valve 32A"

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_32A.pdf 73 K

Valve No.32A
All classes

Used on 15th class to operate cylinder drain valves.
This drawing supercedes Drg. No. L-6644 Valve 32

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_33.pdf 60 K

Valve No.33
16

Not used for 15th class
Used on 16th class for injector steam valve

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_34.pdf 54 K

Valve No.34
14A,15,16A,20,20A

Used on 15th class for blower.

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_4.pdf 67 K

Valve No.4
12,14,14A,15(locos 354-413),16,16A,19,20,20A
354-413

Used on 15th class as Ejector shut-off valve.
Used on 12,14,16 for lubricator; 14A,15,16A,20,20A for ejector; 19 for injector steam

=====

SECTION 32
L6644 S A4 ----- L6644_Valve_No_5.pdf 57 K

Valve No.5
9,11,12,14,15,16,19
350-353

Used on 15th class for Ejector

SECTION 32
L6644 S A4 ----- L6644_Valve_No_6.pdf 67 K

Valve No.6
8,9,11,13,17,19

Not used on 15th class

=====
SECTION 32
L6644 S A4 ----- L6644_Valve_No_9.pdf 67 K

Valve No.9
15,16

Used for injector steam isolating valve on manifolds.

=====
SECTION 32
L6644 S A4 ----- L6644_Valves_7&8.pdf 72 K

Valves No. 7 & 8
6,7,8,9,11,12,14,16

Not used for 15th class

=====
SECTION 32
L6644/105 D A4 ----- L6644-105.pdf 54 K

Stuffing Box, Std for valve Nos.24 & 25

=====
SECTION 32
L6644/109 D A4 ----- L6644-109.pdf 73 K
L-6644

Body, Std for valve No.26
15

=====
SECTION 32
L6644/110 D A4 ----- L6644-110.pdf 51 K
L-6644

Spindle, Std for valve No.26
15

=====
SECTION 32
L6644/111 D A4 ----- L6644-111.pdf 43 K
L-6644

Operating spindle spring and nipple, Std for valve No.26
15

SECTION 32

L6644/112 D A4 ----- L6644-112.pdf 31 K

Valve disk, Std for valve No. 26
15

SECTION 32

L6644/114 D A4 ----- L6644-114.pdf 45 K

Valve disc spring & nipple, Std for valve No. 26
15

SECTION 32

L6644/115 D A4 ----- L6644-115.pdf 82 K

Body cover, Std for valve No. 26
15

SECTION 32

L6644/116 D A4 ----- L6644-116.pdf 47 K

Valve holder, Std for valve No.26
15

SECTION 32

L6644/179 D A4 ----- L6644-179.pdf 54 K

Spindle, (Valve Nos. 32 & 32A)
15

SECTION 32

L6644/182 D A4 ----- L6644-182.pdf 52 K

Gland nut (Valve Nos.32 & 32A)
15

SECTION 32

L6644/186 D A4 ----- L6644-186.pdf 36 K

Nut
15

Used for valve Nos. 32 & 32A

SECTION 32
L6644/187 D A4 ---- ---- ---- L6644-187.pdf 42 K

Instruction plate
15

Used for cylinder drain valve

=====
SECTION 32
L6644/192 D A4 ---- ---- ---- L6644-192.pdf 75 K

Body
15

Valve body for valve No. 32A

=====
SECTION 32
L6644/193 D A4 ---- ---- ---- L6644-193.pdf 63 K

Stuffing box
15

For valve No. 32A

=====
SECTION 32
L6644/194 D A4 ---- ---- ---- L6644-194.pdf 48 K

Seat
15

Used for valve No. 32A

=====
SECTION 32
L6644/196 D A4 ---- ---- ---- L6644-196.pdf 47 K

Instruction plate
14,14A,15,16,16A,19

Used for rocking grate valve

=====
SECTION 32
L6644/197 D A4 ---- ---- ---- L6644-197.pdf 59 K

Valve seat
14,14A,15,16,16A,19

Used for valve No. 19

=====
SECTION 32
L6644/206 D A4 ---- ---- ---- L6644-206.pdf 41 K

Gland
15

Used for valve No.32A

=====

SECTION 32
L6644/207 D A4 ----- L6644-207.pdf 39 K

Neck ring
15

Used for valve No. 32A

=====
SECTION 32
L6644/59 D A4 ----- 2 ----- L6644-59.pdf 64 K
L6644

Body, Std for valve No.17
15

=====
SECTION 32
L6644/6 D A4 ----- 3 ----- L6644-6.pdf 38 K
L6644

Seat, Std for valve Nos. 1 & 2
15,16A

Also used for whistle valves

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SECTION 32
L6644/60 D A4 ----- L6644-60.pdf 36 K
L6644

Main valve, Std for valve No.17
15

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SECTION 32
L6644/61 D A4 ----- L6644-61.pdf 28 K
L6644

Pilot valve, Std for valve No.17
15

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SECTION 32
L6644/62 D A4 ----- L6644-62(B).pdf 40 K
L6644

15 and other locos

Marked "This drawing supercedes L6644/62 of 1962"

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SECTION 32
L6644/62 D A4 ----- L6644-62(A).pdf 44 K
L6644

Seat (for valve No.17)
15

Marked "This drawing superceded by L6644/62 of 7/87"

SECTION 32
L6644/63 D A4 ----- ----- ----- L6644-63.pdf 32 K

Spindle, Std for valve No.17
15

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SECTION 32
L6644/64 D A4 ----- ----- ----- L6644-64.pdf 38 K

Bracket, Std for valve No.17
15

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SECTION 32
L6644/65 D A4 ----- ----- ----- L6644-65.pdf 37 K

Cap, Std for valve No.17
15

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SECTION 32
L6644/66 D A4 ----- ----- ----- L6644-66.pdf 28 K

Gland, Std for valve No.17
15

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SECTION 32
L6644/67 D A4 ----- ----- ----- L6644-67.pdf 28 K

Lock Nut, Std for valve No.17
15

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SECTION 32
L6644/68 D A4 ----- ----- ----- L6644-68.pdf 34 K

Lever, Std for valve No.17
15

=====
SECTION 32
L6644/69 D A4 ----- ----- ----- L6644-69.pdf 30 K

Pins, Std for valve No.17
15

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SECTION 32
L6644/82 D A4 ----- ----- ----- L6644-82.pdf 82 K

Body, Std for valve No.19
15

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SECTION 32
L6644/84 D A4 ----- ----- ----- L6644-84.pdf 38 K

Handle, Std for valve No.19
15

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SECTION 32
L6644/85 D A4 ----- ----- ----- L6644-85.pdf 41 K

Spindle, Std for valve No.19
15

=====
SECTION 32
L6644/86 D A4 ----- ----- ----- L6644-86.pdf 29 K

Gland, Std for valve No.19
15

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SECTION 32
L6644/87 D A4 ----- ----- ----- L6644-87.pdf 32 K

Stuffing Box
15

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SECTION 32
L6644/88 D A4 ----- ----- ----- L6644-88.pdf 30 K

Cam, Std for valve No.19
15

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SECTION 32
L6644/89 D A4 ----- ----- ----- L6644-89.pdf 34 K

Valve Slide, Std for valve No.19
15

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SECTION 32

L6644/90 D A4 ----- L6644-90.pdf 29 K

Catch, Std for valve No.19
15

SECTION 32

L6661 S A4 ----- L6661_cock_No13.pdf.pdf 64 K

Cock No. 13 (Drain for gauge glass)
15 and other locos

See drawing L6671/27 for alignment gauge

SECTION 32

L6661 S A4 ----- L6661_cock_No4.pdf 97 K

Cock No. 4 (Boiler gauge glass)
15 and other locos

SECTION 32

L6661/10 D A4 ----- L6661-10.pdf 31 K
L6661

Gland nut, for gauge glass bottom
15 and other locos

SECTION 32

L6661/11 D A4 ----- L6661-11.pdf 29 K
L6661

Inspection plug, for gauge glass
15 and other locos

SECTION 32

L6661/12 D A4 ----- L6661-12.pdf 25 K
L6661

Neck ring, for gauge glass
15 and other locos

SECTION 32

L6661/13 D A4 ----- L6661-13.pdf 33 K
L6661

Gland nut for plug, for gauge glass
15 and other locos

SECTION 32

L6661/14 D A4 ----- ----- ----- L6661-14.pdf 34 K
L6661

Plug, for gauge glass
15 and other locos

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SECTION 32

L6661/17 D A4 ----- ----- ----- L6661-17.pdf 63 K
L6661

Body (top), for gauge glass
15 and other locos

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SECTION 32

L6661/18 D A4 ----- ----- ----- L6661-18.pdf 29 K
L6661

Gland nut, for gauge glass top
15 and other locos

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SECTION 32

L6661/19 D A4 ----- ----- ----- L6661-19.pdf 33 K
L6661

Inspection plug, gauge glass top
15 and other locos

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SECTION 32

L6661/27 D A4 ----- ----- ----- L6661-27.pdf 92 K
L6661

Glass protector, for gauge glasses
15 and other locos

Glasses to be toughened

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SECTION 32

L6661/65 D A4 ----- ----- ----- L6661-65.pdf 55 K
L6661

Body, gauge column press button
15 and other locos

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SECTION 32

L6661/66 D A4 ----- ----- ----- L6661-66.pdf 38 K
L6661

Seat, gauge column press button
15 and other locos

=====

SECTION 32

L6661/67 D A4 ----- ----- ----- L6661-67.pdf 43 K
L6661

Base, gauge column press button
15 and other locos

=====
SECTION 32

L6661/68 D A4 ----- ----- ----- L6661-68.pdf 38 K
L6661

Spindle, gauge column press button
15 and other locos

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SECTION 32

L6661/69 D A4 ----- ----- ----- L6661-69.pdf 39 K
L6661

Nut, stuffing box gland, for gauge glass press button
15 and other locos

=====
SECTION 32

L6661/7 D A4 ----- ----- ----- L6661-7_HQ.pdf 425 K
L6661

Body (bottom), for gauge glass
15 and other locos

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SECTION 32

L6661/70 D A4 ----- ----- ----- L6661-70.pdf 49 K
L6661

Valve spindle knob, for gauge glass press button
15 and other locos

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SECTION 32

L6661/71 D A4 ----- ----- ----- L6661-71.pdf 35 K
L6661

Spring, gauge glass press button
15 and other locos

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SECTION 32

L6661/72 D A4 ----- ----- ----- L6661-72.pdf 36 K
L6661

Plug, gauge column press button
15 and other locos

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SECTION 32

L6661/77 D A4 ----- L6661 L6661-77.pdf 44 K

Cap nut for gauge glass cocks
15 and other locos

SECTION 32

L6661/78 D A4 ----- L6661 L6661-78.pdf 43 K

Valve check for gauge glass column
15 and other locos

Supersedes drawing no. 6661/20

SECTION 32

L6661/80 D A4 ----- L6661 L6661-80.pdf 47 K

Gauge glass, short
9,9A,9B,10,11,12,14,15,16

SECTION 32

L6661/81 D A4 ----- L6661 L6661-81.pdf 28 K

Rubber sleeve, water gauge cocks
15 and other locos

SECTION 32

L6661/88 D A4 ----- L6661 L6661-88.pdf 52 K

Frame (top) for gauge glass column
15 and other locos

Supersedes drawing no. L6661/45

SECTION 32

L6661/90 D A4 ----- L6661 L6661-90.pdf 26 K

Tie bolt (short) for gauge glass column
15 and other locos

Supersedes drawing No. L6661/25

SECTION 32

L6738 S A4 ----- L6738.pdf 52 K

Valve, steam turret shut off (main mitre)
14A,15,16A,20,20A

SECTION 32

L6738/1 D A4 ----- L6738 L6738-1.pdf 50 K

Stuffing box, steam turret shut off valve
14A,15,16A,20,20A

SECTION 32

L6738/2 D A4 ----- L6738 L6738-2.pdf 37 K

Spindle, steam turret shut off valve
14A,15,16A,20,20A

SECTION 32

L6738/3 D A4 ----- L6738 L6738-3.pdf 24 K

Gland, steam turret shut off valve
14A,15,16A,20,20A

SECTION 32

L6738/4 D A4 ----- L6738 L6738-4_HQ.pdf 223 K

Gland nut, steam turret shut off valve
14A,15,16A,19,20,20A

SECTION 32

L6738/5 D A4 ----- L6738 L6738-5_HQ.pdf 143 K

Neck ring, steam turret shut off valve
15,19

SECTION 32

L6738/6 D A4 ----- L6738 L6738-6_HQ.pdf 197 K

Seat, steam turret shut off valve
15,19

SECTION 32

L8349 D B1 12/66 1 07/68 Not scanned

Clackbox top feed.
15,16A

Shows complete clackbox and brazed in thread insert for valve seats.
This drawing is very dark and may not copy well.

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SECTION 32

M6671/27 D A4 ----- L6661 M6671-27.pdf 41 K

Gauge for aligning boiler water gauge cocks
15 and other locos

See drawings L6661 for assembly of gauge cocks

SECTION 33

5807 S A4 ----- 2 ----- 5807.pdf 60 K

Paxton-Mitchell Packing (Assembly and part list)
9,9A,9B,10,11,11A,12,12A,13,14,14A,15,16,16A,17,19,20

SECTION 33

5807/0 I A4 ----- 5807-0_HQ.pdf 296 K

Directions for applying Paxton-Mitchell packing
15 and other locos

SECTION 33

5807/1 D A4 ----- A ----- 5807-1.pdf 27 K

Spacing ring, Paxton-Mitchell packing
9,9B,10,12,12A,15,16,16A,17

SECTION 33

5807/10 D A4 ----- A ----- 5807-10_HQ.pdf 301 K

Piston (Rod) Packing, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

SECTION 33

5807/12 D A4 ----- D ----- 5807-12.pdf 29 K

Closing spring, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

SECTION 33

5807/14 D A4 ----- B ----- 5807-14.pdf 30 K

Retaining spring, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

SECTION 33
5807/16 D A4 ----- 2 ----- 5807-16.pdf 40 K
5807

Joint ring, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

=====

SECTION 33
5807/18 D A4 ----- 2 ----- 5807-18.pdf 29 K
5807

Garter spring, Paxton-Mitchell packing
9,9A,9B,10,11,11A,12,12A,13,14,14A,15,16,16A,17,19,20

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SECTION 33
5807/19 D A4 ----- 2 ----- 5807-19.pdf 40 K
5807

Gland, Paxton-Mitchell packing
9,9B,10,12,12A,15,16,16A,17

=====

SECTION 33
5807/7 D A4 ----- A ----- 5807-7.pdf 26 K
5807

Spring, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

=====

SECTION 33
5807/8 D A4 ----- 2 ----- 5807-8.pdf 38 K
5807

Follower ring, Paxton-Mitchell packing
9,9A,9B,10,12,12A,13,14,14A,15,16,16A,17

=====

SECTION 33
74/T8082/149 D B1 02/39 ----- ----- Not scanned

Skefco roller bearing etc (Piston rod packing)
15

Drg. primarily concerned with the original type of piston rod packing.

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SECTION 33
L6530 D B1 03/51 5 10/62 Not scanned

Standard piston valve glands & bushes.
9,9A,9B,10,11,11A,12,12A,13,14,14A,15,16,16A,17,18

=====

SECTION 34
108/LO1105/108 D B1 04/50 ----- Not scanned

Steel flanges (for steam, exhaust, & equilibrium pipes)
16A
620 - 649

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SECTION 34
108/LO1105/49 D B1 04/50 ----- Not scanned

Steam pipe elbows inside & outside smokebox, and exhaust elbow to hind engine.
16A
620 - 649

=====
SECTION 34
6095A DR A1 07/46 ----- Not scanned

Steam expansion joint packing.
15

Shows expansion joint in main steam pipes.

=====
SECTION 34
6166 I B1 03/47 ----- Not scanned

Diagram showing setting for exhaust steam pipe expansion joints.
15 and other locos

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SECTION 34
6186 D B1 07/47 ----- Not scanned

Steam & exhaust pipes
15

Drg. marked:- "Traced from Beyer-Peacock drawing 118374"

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SECTION 34
74/T8082/24 D B1 02/39 ----- Not scanned

Palm stays & turret feed pipe details
15

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SECTION 34
74/T8082/26 D B1 02/39 ----- Not scanned

Internal pipe carriers (dry pipe). (Also blowdown valve)
15

For details of blowdown valve see drgs. for valve no. 26 (L6644 series A4 drgs.)

=====

SECTION 34
74/T8082/29 D B1 02/39 ----- 74-T8082-29.pdf 264 M

Regulator (Valve, valve body, end casting for dry pipe)
15

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SECTION 34
74/T8082/31 D B1 02/39 ----- 74-T8082-31.pdf 108 M

Regulator stuffing box & main internal steam pipe (dry pipe)
15

=====

SECTION 34
81/T2926/209 DR B1 10/45 ----- 81-T2926.pdf 47 M

Steam expansion joint
15
354 - 413
Shows expansion joint at bifurcation of main steam pipes and
Y-shaped casting.

=====

SECTION 34
81/T2926/210 DR B1 10/45 ----- 81-T2925-210.pdf 38 M

Steam pipe elbow at smokebox.
15
354 - 413
Shows steam pipe with elbow and expansion joint where steam pipe
to hind engine emerges from bottom of smokebox.

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SECTION 34
81/T2926/211 DR B1 10/45 ----- Not scanned

Exhaust pipe extension joint.
15
354 - 413
Shows exhaust steam pipe expansion joint adjacent to cylinders.

=====

SECTION 34
81/T2926/212 DR B1 10/45 ----- 81-T2926-212.pdf 46 M

Exhaust ball joint.
15
354 - 413

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SECTION 34
81/T2926/213 DR B1 10/45 ----- 81-T2926-213.pdf 43 M

Exhaust ball joint
15
354 - 413
Shows ball joint in exhaust steam pipe at engine pivots.

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SECTION 34
81/T2926/214 D B1 10/45 ----- 81-T2926-214.pdf 37 M

Exhaust ball joint
15
354 - 413
Shows ball joint under smokebox for exhaust pipe
from front engine.

=====
SECTION 34
81/T2926/215 D B1 10/45 ----- Not scanned

Main steam & exhaust pipes.
15
354 - 413
Also shows tank equilibrium pipes along boiler frame.

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SECTION 34
81/T2926/32 DR B1 10/45 ----- Not scanned

Blast pipe & cap.
15
354 - 413

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SECTION 34
81/T2926/33 DR B1 10/45 ----- Not scanned

Steam & exhaust pipe elbows. (In smokebox).
15
354 - 413

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SECTION 34
81/T2926/65 D B1 10/45 ----- Not scanned

Injector brasswork
15
354 - 423
Shows various bronze pipe fittings associated with the injectors
and lubrication of steam pipe expansion joints.

=====
SECTION 34
81/T2926/79 D B1 10/45 ----- Not scanned

Steel flanges
15
354 - 423
Shows flanges for main steam, exhaust steam, injector, tank drain,
equilibrium pipes, and other uses.

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SECTION 34
81/T2926/80 D B1 10/45 ----- Not scanned

Steel flanges
15
354 - 413
Shows steel flanges for joint in exhaust steam
pipe at back of ashpan.

SECTION 34
81/T2926/81 D B1 10/45 ----- Not scanned

Pipe carriers
15
354 - 423
Various pipe brackets & carriers for main steam
and exhaust pipes between frames.

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SECTION 34
81/T2926/87 DR B1 10/45 ----- Not scanned

Clothing and (boiler) internal pipe arrangement.
15
354 - 413

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SECTION 34
81/T2926/92 D B1 10/45 2 05/61 Not scanned

Steam & exhaust pipe cladding, and expansion angle casing.
15
354 - 413

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SECTION 34
L6651/13 D A4 ----- L6651-13.pdf 44 K

Neck ring, steam expansion joint
15,16A

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SECTION 34
L6651/14 D A4 ----- L6651-14.pdf 47 K

Distance ring, steam expansion joint
15,16A

=====
SECTION 34
L6651/16 D A4 ----- L6651-16.pdf 38 K

Seating, steam pipe drip valve
13,14,15,16,17

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SECTION 34
L6651/17 D A4 ----- L6651-17.pdf 49 K

Gland, modified steam pipe 'Y' branch
15,16,16A

SECTION 34
L6651/21 D A4 ----- ----- ----- L6651-21.pdf 31 K

Spring, expansion joints
15,16,16A

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SECTION 34
L6651/24 D A4 ----- ----- ----- L6651-24.pdf 27 K

Ring, lens joint in steam pipes
15,16A

=====
SECTION 34
L6651/25 D A4 ----- ----- ----- L6651-25.pdf 29 K

Cone, lens joint in steam pipes
15,16A

=====
SECTION 34
L6651/28 D A4 ----- ----- ----- L6651-28.pdf 40 K

Liner, exhaust ball joint body
15
354-423

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SECTION 34
L6651/29 D A4 ----- ----- ----- L6651-29.pdf 37 K

Liner, expansion joint body
15
350-353

=====
SECTION 34
L6651/30 D A4 ----- ----- ----- L6651-30.pdf 39 K

Liner, exhaust expansion joint body
15,16A
354-423 (15th), All (16A)

=====
SECTION 34
L6651/33 D A4 ----- ----- ----- L6651-33.pdf 42 K

Liner, exhaust ball joint body
15
350-353

=====

SECTION 34
L6651/36 D A4 ----- L6651-36.pdf 43 K

Bush, steam pipe ball joint
15,16A

=====
SECTION 34
L6651/42 D A4 ----- 3 ----- L6651-42.pdf 51 K

Ring joint, steam ball joint
15,16A

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SECTION 34
L6651/6 D A4 ----- L6651-6.pdf 40 K

Cover, steam pipe ball joint
15,16A

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SECTION 34
L6651/62 D A4 ----- L6651-62.pdf 55 K

Distance piece
15,16A

=====
SECTION 34
L6651/71 D A4 ----- L6651-71.pdf 59 K
L6651/85

Ball
15,16A
All

=====
SECTION 34
L6651/85 D A4 ----- L6651-85.pdf 60 K

Modified steam ball pipe
15,15A,16A

All

=====
SECTION 34
L6651/88 D A4 ----- L6651-88.pdf 46 K

Ring, steam expansion joint
15,16A

All

=====

SECTION 34
L6651/89 D A4 ----- ----- ----- L6651-89.pdf 38 K

Ring, lens joint, superheater air valve
14A,15,16A
All

=====

SECTION 34
L6737/102 D A4 ----- ----- ----- L6737-102.pdf 46 K
L6737/71

Flange, loose
15

=====

SECTION 34
L6737/104 D A4 ----- ----- ----- L6737-104.pdf 65 K

Sleeve (exhaust expansion joint at cylinders)
15,16A

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SECTION 34
L6737/106 D A4 ----- ----- ----- L6737-106.pdf 51 K

Flange (exhaust pipe)
15,15A

=====

SECTION 34
L6737/13 D A4 ----- ----- ----- L6737-13.pdf 57 K

Cover, exhaust ball joint (under cab)
15,16A

=====

SECTION 34
L6737/19 D A4 ----- ----- ----- L6737-19.pdf 67 K

Joint ring (exhaust pipe joint in blast pipe)
15

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SECTION 34
L6737/2 D A4 ----- ----- ----- L6737(B)-2.pdf 53 K

15 and other locos

=====

SECTION 34
L6737/2 D A4 ----- L6737(A)-2.pdf 62 K

Joint ring (ball joint in exhaust steam pipe)
15,16A

SECTION 34
L6737/26 D A4 ----- L6737-26.pdf 48 K
L6737/71

Sleeve, exhaust pipe flange, hind pivot
15,16A

SECTION 34
L6737/27 D A4 ----- L6737-27.pdf 42 K
L6737/71

Split bush, exhaust pipe flange, hind pivot
15,16A

SECTION 34
L6737/3 D A4 ----- L6737-3.pdf 40 K

Slip ring, exhaust steam ball joint
15,16A

SECTION 34
L6737/36 D A4 ----- L6737-36.pdf 65 K

Sleeve, exhaust expansion joint to hind engine
15

SECTION 34
L6737/37 D A4 ----- L6737-37.pdf 54 K
L6737/71

Ball, exhaust ball joint
15,16A

SECTION 34
L6737/38 D A4 ----- L6737-38.pdf 51 K

Body, exhaust ball joint front engine
16

SECTION 34
L6737/41 D A4 ----- ----- ----- L6737-41.pdf 50 K

Liner (exhaust to blast pipe)
15,16A

=====
SECTION 34
L6737/44 D A4 ----- ----- ----- L6737-44.pdf 37 K

Washer (exhaust ball joint stud)
15 and other locos

=====
SECTION 34
L6737/5 D A4 ----- ----- ----- L6737-5.pdf 57 K

Exhaust pipe ball
15

=====
SECTION 34
L6737/6 D A4 ----- ----- ----- L6737-6.pdf 41 K

Spring, exhaust ball joint
14,15,16,16A,20,20A

=====
SECTION 34
L6737/64 D A4 ----- ----- ----- L6737-64.pdf 43 K

L6737/78

Flange (exhaust pipe under cab)
15

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SECTION 34
L6737/71 S A4 ----- ----- ----- L6737-71.pdf 58 K

Exhaust pipe ball
15

=====
SECTION 34
L6737/72 D A4 ----- ----- ----- L6737-72.pdf 53 K

Cover (exhaust ball joint at hind engine)
15

=====

SECTION 34
L6737/78 S A4 ----- L6737-78.pdf 51 K

Pipe, complete (exhaust pipe joint under cab)
15

=====
SECTION 34
L6737/89 D A4 ----- L6737-89.pdf 58 K

Ball (exhaust pipe ball joint at hind engine)
15,16A

=====
SECTION 34
L6737/9 D A4 ----- L6737-9.pdf 48 K

Cover, exhaust ball joint
15,16A

=====
SECTION 34
L6737/93 D A4 ----- L6737-93.pdf 89 K
L6737/78

Sleeve, exhaust ball joint
15,16A

=====
SECTION 34
L6745/20 D A4 ----- L6745-20.pdf 37 K

Elbow - hind engine, water pipe at pivot centre
15

=====
SECTION 34
L6745/34 D A4 ----- L6745-34.pdf 47 K

Elbow, water pipe at pivot centre, front engine
15

=====
SECTION 34
L6745/35 D A4 ----- L6745-35.pdf 47 K

Elbow, water pipe at pivot centre, hind engine
15

=====

SECTION 34
L6745/37 D A4 ----- L6745-37.pdf 50 K

Elbow, water pipe at pivot centre, front engine
15

=====
SECTION 34
L6745/75 D A4 ----- L6745-75.pdf 38 K

Connection (lubricator to hind exhaust ball joint)
14A,16A

=====
SECTION 34
L6745/78 D A4 ----- L6745-78_HQ.pdf 347 K

Elbow, steam pipe in smokebox, back
15

=====
SECTION 34
L6746/41 D A4 ----- L6746-41_HQ.pdf 286 K

Connection, lubricator overflow from steam ball joint
15,16A,17

=====
SECTION 34
L6762/50 D A4 ----- L6762-50.pdf 30 K

Flange, water feedbag connection
14,14A,15,16,16A,17,20,20A

=====
SECTION 34
L6762/51 D A4 ----- L6762-51.pdf 28 K

Flange, water feedbag connection
14,14A,15,16,16A,17,20,20A

=====
SECTION 34
L6762/52 D A4 ----- L6762-52.pdf 29 K

Flange, water feedbag connection
13

=====

SECTION 34
L6762/53 D A4 ---- ---- ---- L6762-53.pdf 27 K

Flange, water feedbag connection
13

=====
SECTION 34
L6805/1 D A4 ---- ---- ---- L6805-1.pdf 31 K

Expansion gland, equilibrium valve
14,15,16

=====
SECTION 34
L7187 DR B1 04/58 5 01/66 Not scanned

Modified steam pipe ball (joint)
15,16A

Mainly concerned with the method of lubricating the ball joint.
Drawing is marked "Cancelled", dated 1969.

=====
SECTION 34
L8110 D A1 12/64 ---- ---- Not scanned

Main steam (pipe) ball joint, spring loaded, securing studs.
15,15A,16A

=====
SECTION 34
L8235 D B1 04/66 ---- ---- Not scanned

Miscellaneous details (Welded boilers) (Expansion angles, dry pipe, turret feed pipes, & brackets)
15,15A,16A

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SECTION 34
L8663 DR B1 12/69 ---- ---- Not scanned

Lubrication of steam pipe expansion joints
15,15A

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SECTION 34
L8671 D B1 01/84 ---- ---- Not scanned

L8674

Multiple jet blast pipe cap
15

=====

SECTION 34
L9515 DR B1 10/80 ----- Not scanned

Fitting of strengthening cap to pivot centres for clearance of cannon axle box.
15

=====
SECTION 35
74/T8082/149 D B1 02/39 ----- Not scanned

Skefco roller bearing etc (Piston rod packing)
15

Drg. primarily concerned with the original type of piston rod packing.

=====
SECTION 35
81/T2926/116 D B1 10/45 ----- Not scanned

Cylinder covers and piston
15

354 - 423

Shows inner & outer cylinder covers, piston & rings, and front cover joint ring.

=====
SECTION 35
81/T2926/130 D B1 10/45 6 09/61 Not scanned

Piston rod & return crank etc.

15

354 - 413

Shows piston rod, eccentric crank & crank settings, crank pins, gudgeon pins.

=====
SECTION 35
L6757/317 D A4 ----- L6757-317.pdf 47 K

Piston rod

15

Drg. marked "This drawing supersedes L6757/150"

=====
SECTION 35
L6757/357 SS A4 ----- L6757-357.pdf 38 K
L6757/317

Piston rod

15

Part finished item.

=====
SECTION 35
L6757/37 D A4 ----- L6757-37.pdf 41 K

Nut, for securing piston head

15,16A

SECTION 35
L7040 D B1 05/55 4 11/81 Not scanned

Modified piston.
15

Shows flat-faced hollow pistons to suit modified cylinder covers.

=====
SECTION 35
L7223/1 D A4 ----- L7223-1.pdf 54 K

Piston ring drums
15 and other locos

=====
SECTION 35
L7304/14 D A4 ----- L7304-14_HQ.pdf 263 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 14, Piston & crosshead assemblies

=====
SECTION 35
L7304/7 D A4 ----- L7304-7_HQ.pdf 138 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 7, Piston rods

=====
SECTION 35
L8576 R B1 11/68 ----- Not scanned

Provision of oil lubrication at valve spindle crosshead & piston rod.
14A,15,15A,16A,19,19B,20,20A

=====
SECTION 36
74/T8082/29 D B1 02/39 ----- 74-T8082-29.pdf 264 M

Regulator (Valve, valve body, end casting for dry pipe)
15

=====
SECTION 36
74/T8082/30 D B1 02/39 ----- 74-T8082-30.pdf 246 M

Regulator details (Handle, shaft, links, steam pipe strap)
15

SECTION 36
74/T8082/31 D B1 02/39 ----- 74-T8082-31.pdf 108 M

Regulator stuffing box & main internal steam pipe (dry pipe)
15

=====
SECTION 36
L6735/61 D A4 ----- L6735-61.pdf 35 K
L6735/62

End (regulator rod)
14,14A,15,16,16A

=====
SECTION 36
L6735/62 D A4 ----- L6735-62.pdf 41 K

Rod (Regulator)
15,16A

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SECTION 37
74/T8082/145 DR B1 02/39 1 09/53 Not scanned

Main reversing shaft & balance weight.
15

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SECTION 37
74/T8082/146 D B1 02/39 1 12/62 Not scanned

Reversing shaft & intermediate floating lever.
15

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SECTION 37
74/T8082/147 D B1 02/39 ----- Not scanned

Reversing shaft carrier.
15

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SECTION 37
74/T8082/148 D B1 02/39 ----- Not scanned

Floating lever carrier on front pivot.
15

=====

SECTION 37
74/T8082/231 D B1 02/39 ----- Not scanned

Clamp for removing reversing shaft arm (and re-railing ramp)
15

=====
SECTION 37
81/T2926/131 D B1 10/45 2 12/62 Not scanned

Motion pins
15
354 - 423
Shows pins for valve gear and pins for various levers in the reversing gear.

=====
SECTION 37
81/T2926/141 R B1 10/45 ----- Not scanned

Arrangement of steam reversing gear
15
354 - 423

=====
SECTION 37
81/T2926/142 R B1 10/45 ----- Not scanned

Hadfield power reversing gear.
15
354 - 423
Shows connecting links between cab reversing screw and steam reverser.

=====
SECTION 37
81/T2926/143 D B1 10/45 ----- Not scanned

Reverser cylinder bedplate
15
354 - 413

=====
SECTION 37
81/T2926/144 DR B1 10/45 ----- Not scanned

Reverser hydraulic cylinder.
15
354 - 413
Hadfield reverser

=====
SECTION 37
81/T2926/145 DR B1 10/45 ----- Not scanned

Reverser steam cylinder.
15
354 - 413
Hadfield reverser

=====

SECTION 37
81/T2926/146 D B1 10/45 ----- Not scanned

Reverser cylinder details.

15

354 - 413

Hadfield reverser

=====

SECTION 37
81/T2926/147 D B1 10/45 ----- Not scanned

Reverser piston rods & crossheads.

15

354 - 413

Hadfield reverser

=====

SECTION 37
81/T2926/148 D B1 10/45 ----- Not scanned

Reverser operating rods, etc.

15

354 - 413

Hadfield reverser

=====

SECTION 37
81/T2926/149 S B1 10/45 ----- Not scanned

Reverser automatic pump.

15

354 - 413

Hadfield reverser

For details see Drg. No. 81/150

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SECTION 37
81/T2926/150 D B1 10/45 ----- Not scanned

Reverser automatic pump details.

15

354 - 413

Hadfield reverser

For assembly of pump see Drg. No. 81/149

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SECTION 37
81/T2926/151 D B1 10/45 ----- Not scanned

Reverser screw bracket & sector.

15

354 - 423

Hadfield reverser

Shows bracket with bearings for screw, and cut-off indicator plate.

=====

SECTION 37
81/T2926/152 D B1 10/45 ----- Not scanned

Reverser screw details.

15

354 - 423

Hadfield reverser

Shows screw, nut, handwheel, catch, and other details.

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SECTION 37
81/T2926/153 D B1 10/45 ----- Not scanned

Reverser levers & indicator details.
15
354 - 423
Hadfield reverser

=====
SECTION 37
81/T2926/155 D B1 10/45 ----- Not scanned

Reverser intermediate rod, bracket, carrier, etc.
15
354 - 423
Hadfield reverser

=====
SECTION 37
81/T2926/156 D B1 10/45 2 07/58 Not scanned

Reverser main rods & guides.
15
354 - 413
Hadfield reverser

=====
SECTION 37
L6475 DR A2 09/50 ----- Not scanned

Arrangement of reverser cylinder steam chest showing renewable valve seat
15

=====
SECTION 37
L6639/162 D A4 ----- L6639-162.pdf 60 K

Swivel Block, main reversing shaft
15,16A

=====
SECTION 37
L6639/163 D A4 ----- 2 ----- L6639-163.pdf 57 K

Swivel Block, intermediate reversing shaft, hind engine
15

Case hardened

=====
SECTION 37
L6639/164 D A4 ----- 2 ----- L6639-164.pdf 62 K

Swivel block, transverse reversing lever, front engine.
15

Case hardened

SECTION 37

L6644 S A4 ----- L6644_Valve_No_1.pdf 63 K

Valve No.1
11,12,13,14,15,16,19

Used on 15th class for Turbo-generator, Rocking grate, Steam reverser, Cylinder cocks, Firedoor.

SECTION 37

L6741/32 S A4 ----- L6741-32.pdf 47 K

Lubricator, steam reverser
11,12,13,14,14A,15,16,16A,17,19A

SECTION 37

L6741/33 D A4 ----- L6741-33.pdf 44 K

L6741/32

Body, steam reverser lubricator
10,11,12,12A,14,14A,15,16,16A,17,19,20,20A

SECTION 37

L6741/34 D A4 ----- L6741-34_HQ.pdf 245 K

L6741/32

Filler plug, steam reverser lubricator
10,11,12,14,14A,15,16,16A,17,19,20,20A

SECTION 37

L6741/35 D A4 ----- L6741-35.pdf 48 K

L6741

Drain plug, steam reverser lubricator
11,12,12A,14,14A,15,16,16A,17,19,20,20A

SECTION 37

L6741/36 D A4 ----- L6741-36.pdf 39 K

L6741

Adaptor, steam reverser lubricator
15 and other locos

SECTION 37

L6741/74 D A4 ----- L6741-74_HQ.pdf 226 K

Oil cup cover, Type D, size 8A
15 and other locos

SECTION 37

L7883 D B1 12/62 ---- ---- Not scanned

Fitting of bushes to reversing shaft lever ends
14A,15,16A,20,20A

SECTION 37

L8044 DR A1 05/64 ---- ---- Not scanned

Improved grease lubrication of hind unit intermediate reversing shaft.
15,16A

SECTION 38

81/T2926/169 R B1 10/45 2 11/61 Not scanned

Lubricator pipes under cab.
15
354 - 413
Also shows flexible pipes to steam brake cylinders and sanding gear.

SECTION 38

81/T2926/216 DR B1 10/45 ---- ---- Not scanned

Outer sandbox
15
354 - 423
Drawing marked:- "For modified sandbox see
Drg. Nos. L-7668 & L-7678".

SECTION 38

81/T2926/217 DR B1 10/45 3 04/53 Not scanned

Inner sandbox
15
354 - 413

SECTION 38

81/T2926/219 D B1 10/45 ---- ---- Not scanned

Lambert sanders & valves
15
354 - 423
Drg. shows enough detail to manufacture items but very few dimensions.
Equipment supplied by Gresham & Craven. Used boiler water to feed sand.

SECTION 38

L7604 R B1 02/60 ---- ---- Not scanned

Provision of compoflex pipes at pivot centres.
15

Drawing marked:- "This drawing supersedes Drg. No. L-7543".

SECTION 38
L7668 D B1 11/60 ---- Not scanned

Sand box
15

Shows all sandbox details given on drg. L7678 plus fitting to loco. and pipework.

=====
SECTION 38
L7678 D B1 11/60 ---- Not scanned
L7668

Sand box
15

This is drg. of sand box only. For fitting to loco see drg. L7668

=====
SECTION 39
81/T2926/105 D B1 10/45 ---- Not scanned

Slidebar bracket
15
354 - 413

=====
SECTION 39
81/T2926/126 DR B1 10/45 ---- 81-T2926-126.pdf 13 M

Reversing links,die blocks, (slidebars & bolts)
15
354 - 413

=====
SECTION 39
L6713/166 D A4 ---- L6713-166.pdf 45 K

Bolt (for securing slidebars at hind end)
15,16A,17

=====
SECTION 39
L6713/177 D A4 ---- L6713-177.pdf 45 K

Bolt (securing slidebar to frame)
14A,15,16A,17

=====
SECTION 39
L6713/242 D A4 ---- L6713-242.pdf 52 K

Bolt (slidebar to cylinder cover)
15,16A,20

SECTION 39
L6757/113 D A4 ---- ---- ---- L6757-113.pdf 36 K

Liner, slide bar, outer
15,16A,17

=====
SECTION 39
L6757/115 D A4 ---- ---- ---- L6757-115.pdf 39 K

Liner, slide bar, top
15,16A

=====
SECTION 39
L6757/117 D A4 ---- ---- ---- L6757-117.pdf 41 K

Liner, slide bar, inner
15,16A,17

=====
SECTION 39
L6757/258 D A4 ---- ---- ---- L6757-258.pdf 46 K

Slidebar, bottom
15,17

=====
SECTION 39
L6757/259 D A4 ---- ---- ---- L6757-259.pdf 52 K

Slidebar, top
15,17

=====
SECTION 39
L7304/8 D A4 ---- ---- ---- L7304-8_HQ.pdf 264 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 8, Slide bars

=====
SECTION 40
108/LO1105/49 D B1 04/50 ---- ---- Not scanned

Steam pipe elbows inside & outside smokebox, and exhaust elbow to hind engine.
16A
620 - 649

=====

SECTION 40
108/LO1105/59 D B1 04/50 ----- Not scanned

Superheater air valve ("Gresley" type)
16A
620 - 649

This item is the "snifter" valve mounted on the superheater header.

=====

SECTION 40
124/LO2068/52 D B1 01/52 5 01/84 Not scanned

Chimney, ejector exhaust ring & petticoat.
20
700 - 714

Drawing marked:- "Cancelled, superseded by NRZ drawing L-9679".

=====

SECTION 40
74/T8082/44 D B1 02/39 2 11/53 Not scanned

Chimney & ejector exhaust pipe elbow etc.
15
271 - 274

=====

SECTION 40
81/T2926/101 D B1 10/45 1 06/58 Not scanned

Smokebox support etc.
15

Shows smokebox saddle casting and various filling-in plates.

=====

SECTION 40
81/T2926/210 D B1 10/45 ----- Not scanned 38 M

Steam pipe elbow at smokebox.
15
354 - 413

Shows steam pipe with elbow and expansion joint where steam pipe
to hind engine emerges from bottom of smokebox.

=====

SECTION 40
81/T2926/241 DR B1 10/45 ----- Not scanned

Spark arrester arrangement & details.
15
354 - 423

Original arrangement as built. For later arrgt. see drgs. L6756/88, L7302, L6921, L8674.

=====

SECTION 40
81/T2926/31 DR B1 10/45 4 11/53 Not scanned

Smokebox arrangement
15
354 - 413

=====

SECTION 40
81/T2926/32 DR B1 10/45 ----- Not scanned

Blast pipe & cap.
15
354 - 413

=====
SECTION 40
81/T2926/33 DR B1 10/45 ----- Not scanned

Steam & exhaust pipe elbows. (In smokebox).
15
354 - 413

=====
SECTION 40
81/T2926/34 DR B1 10/45 ----- Not scanned

Spark arrester arrangement & details.
15
354 - 413

=====
SECTION 40
81/T2926/35 DR B1 10/45 3 1951 Not scanned

Smokebox door & details.
15

Door dogs later replaced by central dart. See drg. L-6986 for details.

=====
SECTION 40
81/T2926/36 D B1 10/45 1 08/53 Not scanned

Ash ejector & details
15
354 - 413
Only fitted to locos 354 to 363 and later removed.
See drg. L-6860 (Modified smokebox drain).

=====
SECTION 40
81/T2926/79 D B1 10/45 ----- Not scanned

Steel flanges
15
354 - 423
Shows flanges for main steam, exhaust steam, injector, tank drain,
equilibrium pipes, and other uses.

=====
SECTION 40
L6745/21 D A4 ----- L6745-21.pdf 53 K

Elbow, ejector exhaust in smokebox
14A,15,16A,17,20,20A

=====

SECTION 40
L6745/78 D A4 ----- ----- ----- L6745-78_HQ.pdf 347 K

Elbow, steam pipe in smokebox, back
15

=====
SECTION 40
L6756/88 D A4 ----- ----- ----- L6754-88.pdf 44 K

Screen (Centre spark arrester)
15

=====
SECTION 40
L6761/118 D A4 ----- ----- ----- L6761-118.pdf 33 K

Pipe, smokebox drain
15,15A,16A

Drg quotes other drgs. L6762/149 (Flange) and L6652/89 (Adaptor)

=====
SECTION 40
L6860 R B1 08/53 ----- ----- Not scanned

Modified smokebox drain.
15,16A

=====
SECTION 40
L6921 D B1 09/54 3 08/56 Not scanned

Chimney & petticoat
15,16,16A

Drawing marked:- "This drawing cancels drg. no. L-6865"

=====
SECTION 40
L6986 D B1 07/56 ----- ----- Not scanned

Fitting of darts to smokebox doors
11,12A,12B,14,15,16,16A,20

Drawing marked:- "For smokebox door & details see drgs. 108/51 & 74/48".

=====
SECTION 40
L7302 DR A1 09/57 ----- ----- Not scanned

Fitting of upper baffle plates in smokebox.
15,16,16A

These plates are to prevent sparks passing through slots in superheater header.

=====

SECTION 40
L8592 D B1 04/69 ---- Not scanned

Adaption of smokebox door angle ring.
15,15A,16A,20,20A

=====
SECTION 40
L8671 D B1 01/84 ---- Not scanned

L8674
Multiple jet blast pipe cap
15

=====
SECTION 40
L8672 D B1 11/69 ---- Not scanned

L8674
Modified chimney: to be used in conjunction with multiple jet blast pipe cap.
15

=====
SECTION 40
L8673 D B1 11/69 ---- Not scanned

L8674
Modified petticoat: to be used in conjunction with multiple jet blast pipe cap.
15

=====
SECTION 40
L8674 D B1 11/69 ---- Not scanned

Smokebox arrangement for multiple jet blast pipe cap.
15

=====
SECTION 41
4417/225 D A2 08/60 ---- Not scanned

Spring No. 225 (laminated)
11,11A,12,12A,12B,14,14A,15,16,16A

Coupled wheel spring

=====
SECTION 41
81/T2926/139 D B1 10/45 ---- Not scanned

Springs (laminated)
15
354 - 423
Springs for driver axleboxes, bogie axleboxes and bogie side control.

=====

SECTION 41
81/T2926/140 D B1 10/45 6 12/61 Not scanned

Spring links & compensating beams
15
354 - 423

=====
SECTION 41
81/T2926/263 D B1 10/45 ---- ---- Not scanned

Axlebox (frame) liners, wedges, Hornclips (frame stay), & spring saddle.
15
354 - 423
Drawing shows variations in design of hornclips for
different batches of engines.

=====
SECTION 41
Chart No. L-58 M A4 ---- ---- ---- Chart_L58_HQ.pdf 302 K

Spring gear chart, 15th Class
15

This drg. shows assembly & adjustment of spring gear.

=====
SECTION 41
Diagram No. 27 S A4 ---- ---- ---- Diag_27_HQ.pdf 245 K

Diagram of spring gear pins (Driving & bogie wheel springs)
15

Drg. gives info about pins & bushes for spring gear.

=====
SECTION 41
L6758/1 D A4 ---- ---- ---- L6758-1.pdf 41 K

Spring shoe
15 and other locos

=====
SECTION 41
L6758/114 D A4 ---- 2 ---- L6758-114.pdf 46 K

Spring link, coupled wheels
14A,15,16A,20,20A

Shows details of replaceable bushes.

=====
SECTION 41
L6758/167 D A4 ---- 1 ---- L6758-167.pdf 38 K

Wearing plate, spring compensating beam (engine).
15

SECTION 41
L6758/39 D A4 ----- L6758-39.pdf 35 K

Gib, 2", spring hanger
14,14A,15,16A

Used for coupled wheels on 15th class

SECTION 41
L6758/40 D A4 ----- L6758-40.pdf 34 K

Gib, 1-1/2", spring hanger
14,14A,15,16A

Used on coupled wheels on 15th Class

SECTION 41
L6758/41 D A4 ----- L6758-41.pdf 36 K

Gib, 2-1/2", spring hanger
14,14A,15,16A

Used for coupled wheels on 15th class

SECTION 41
L6758/50 D A4 ----- 2 ----- L6758-50.pdf 47 K

Spring hanger
12,14,14A,15,16A

Shows details of replaceable hardened bush. (L7730/65)

SECTION 42
4417/130 D A2 08/60 ----- Not scanned

Spring No. 130 (laminated)
15

Inner & outer bogie bearing spring.

SECTION 42
4417/565 D A2 08/60 ----- Not scanned

Spring No. 565 (laminated)
15

Bogie side check spring, inner & outer bogies

SECTION 42
81/T2926/139 D B1 10/45 ----- Not scanned

Springs (laminated)
15

354 - 423

Springs for driver axleboxes, bogie axleboxes and bogie side control.

SECTION 42
81/T2926/187 D B1 10/45 4 07/53 Not scanned

Bogie details
15
354 - 423
Shows, equaliser beams, swing links & pins, spring hangers & pins, etc. for inner & outer bogies.

=====
SECTION 42
81/T2926/189 D B1 10/45 3 06/55 Not scanned

Control spring details
15
354 - 413
Shows control spring details (but not spring), cross stays & stretcher.

=====
SECTION 42
Diagram No. 27 S A4 ----- Diag_27_HQ.pdf 245 K

Diagram of spring gear pins (Driving & bogie wheel springs)
15

Drg. gives info about pins & bushes for spring gear.

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SECTION 42
L6758/13 D A4 ----- L6758-13.pdf 39 K

Rocking washer, bogie spring link
15

=====
SECTION 42
L6758/186 D A4 ----- L6758-186.pdf 29 K

Clip, retaining, bogie spring link pin.
15 and other locos

=====
SECTION 42
L6758/4 D A4 ----- L6758-4.pdf 40 K

Hanger (for bogie spring)
15

Drawing shows details of replaceable bush

=====
SECTION 42
L6829 DR B1 04/53 1 02/64 Not scanned

Modified lubrication to inner bogie swing link pins
15

This drawing marked "Cancelled"

=====

SECTION 43
5712/1 D A2 07/42 ---- ---- Not scanned

Method of restoring oversize staybolt holes in ... wrapper plates to original size ...
7,9,9A,9B,11,12,13,14,15,16

=====
SECTION 43
74/T8082/24 D B1 02/39 ---- ---- Not scanned

Palm stays & turret feed pipe details
15

=====
SECTION 43
81/T2926/11 DR B1 10/45 ---- ---- 81-T2926-11.pdf 89 M

Boiler & firebox sections etc.
15
354 - 423
Shows sections through riveted joints & crown stays.

=====
SECTION 43
81/T2926/12 DR B1 10/45 ---- ---- 81-T2926-12.pdf 98 M

Gusset stay at firebox backplate.
15
354 - 423
Original riveted boiler.

=====
SECTION 43
81/T2926/13 D B1 10/45 1 12/50 81-T2926-13.pdf 49 M

Gusset stay at smokebox tubeplate (also tube & flue fixing arrangements)
15
354 - 413
Drawing marked:- "This drg. supersedes Drg. No. 81/13A".
Original riveted boiler.

=====
SECTION 43
81/T2926/15 D B1 10/45 ---- ---- 81-T2926-16.pdf 9 M

Vertical & palm stays
15
354 - 423

=====
SECTION 43
81/T2926/16 D B1 10/45 ---- ---- Not scanned 7 M

Water space stays etc.
15
354 - 413
Also shows cast seatings for washout plugs for crown sheet and
horizontal stays above crown sheet.

SECTION 43
81/T2926/9 DR B1 10/45 ---- ---- Not scannable

Boiler & firebox arrangement
15

Marked:- "Redrawn. See drgs. 81/T.2926/9A,9B & 9C"
This drg. probably not copyable.

=====

SECTION 43
81/T2926/9A R B1 10/45 ---- 06/67 81-T2926-9A.pdf 94 M

Boiler & firebox arrangement (horizontal section)
15

BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

=====

SECTION 43
81/T2926/9B R B1 10/45 ---- 06/67 81-T2926-9B.pdf 81 M

Boiler & firebox arrangement (Plan)
15

354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

=====

SECTION 43
81/T2926/9C R B1 10/45 ---- 06/67 81-T2926-9C.pdf 10 M

Boiler & firebox arrangement (cross sections)
15

354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

=====

SECTION 43
L6775/24 D A4 ---- ---- L6775-24.pdf 30 K

Nut, 1-5/16", boiler roof stay check
15 and other locos

=====

SECTION 43
L6775/25 D A4 ---- ---- L6775-25.pdf 34 K

Cap, flexible stay (crown stays)
15,16A,20,20A

=====

SECTION 43
L6775/34 D A4 ---- ---- L6775-34.pdf 37 K

Cap: water space flexible stay
15 and other locos

=====

SECTION 43
L6775/35 D A4 ----- ----- ----- L6775-35.pdf 29 K

Washer, for sealing flexible stay cap
15 and other locos

=====
SECTION 43
L6775/36 D A4 ----- ----- ----- L6775-36.pdf 44 K

Stay, flexible, firebox water space
15 and other locos

=====
SECTION 43
L6775/40 D A4 ----- ----- ----- L6775-40.pdf 37 K

Cup: water space flexible stay
15 and other locos

For crown stay cup, see drg. L6775/48

=====
SECTION 43
L6775/48 D A4 ----- ----- ----- L6775-48.pdf 31 K

Cup: crown flexible stay
15 and other locos

For water space stay cup see drg. L6775/40

=====
SECTION 43
L6775/49 D A4 ----- ----- ----- L6775-49.pdf 44 K

Stay, flexible, crown
15 and other locos

Lengths from 22-1/4" to 26"

=====
SECTION 43
L6775/50 D A4 ----- ----- ----- L6775-50.pdf 39 K

Stay, flexible, crown
15 and other locos

Lengths from 14-7/8" to 16"

=====
SECTION 43
L6775/51 D A4 ----- ----- ----- L6775-51.pdf 43 K

Stay, flexible, crown
15 and other locos

Lengths from 18" to 21-1/2"

=====

SECTION 43
L6775/52 D A4 ----- ----- ----- L6775-52.pdf 40 K

Stay, flexible, crown
15 and other locos

Lengths from 14-7/16" to 16-3/8"

=====
SECTION 43
L6775/53 D A4 ----- ----- ----- L6775-53.pdf 41 K

Stay, flexible, crown
15 and other locos

Lengths from 18-7/16" to 22-1/2"

=====
SECTION 43
L6775/54 D A4 ----- ----- ----- L6775-54.pdf 43 K

Stay, flexible, crown
15 and other locos

Lengths from 13-5/8" to 27-9/16"

=====
SECTION 43
L6775/55 D A4 ----- ----- ----- L6775-55.pdf 47 K

Stay, flexible, water space
15 and other locos

Lengths from 6-3/16" to 7-3/8"

=====
SECTION 43
L8230 DR B1 04/66 3 02/67 Not scanned

Welded boilers, General arrangement, elevation.
15,15A,16A

=====
SECTION 43
L8231 DR B1 04/66 ----- ----- Not scanned

Welded boilers, General arrangement, end views.
15,15A,16A

=====
SECTION 43
L8232 R B1 04/66 ----- ----- Not scanned

Welded boilers, General arrangement, plan
15,15A,16A

=====

SECTION 43

L8233 D B1 04/66 1 07/66 Not scanned

Welded boilers, Firebox gusset stays & backplate.
15,15A,16A

SECTION 43

L8236 D B1 04/66 ---- ---- Not scanned

Safety valve, cross stay & steam turret seatings (Welded boilers)
15,15A,16A

SECTION 43

L8237 D B1 02/67 ---- ---- Not scanned

Arrangement of crown stays (Welded boilers)
15,15A,16A

SECTION 43

L8281 DR B1 04/67 1 03/68 L8281.pdf 58 M

Fitting of welded (water tube) inner firebox to 15/15A class boilers.
15
348 - 570
Shows welded firebox fitted to rivetted boiler shell.

SECTION 43

L8770 DR B1 08/71 ---- ---- Not scanned

Modification to boiler stays (Smoke-box end)
15,15A

This drawing is marked "Cancelled". Modification may not have been carried out.

SECTION 44

108/LO1105/59 D B1 ---- ---- Not scanned

Superheater air valve ("Gresley" type)
16A

620 - 649

This item is the "snifter" valve mounted on the superheater header.

SECTION 44

74/T8082/51 DR B1 02/39 ---- ---- 74-T8082-51.pdf 175 M

Superheater elements

15

271 - 274

SECTION 44
81/T2926/38 D B1 10/45 ---- ---- 81-T2926-38.pdf 75 M

Superheater header & carrier.
15
354 - 413
Superheater Co. (supplier) Drg. No. L.A.9360

=====
SECTION 44
81/T2926/79 D B1 10/45 ---- ---- Not scanned

Steel flanges
15
354 - 423
Shows flanges for main steam, exhaust steam, injector, tank drain,
equilibrium pipes, and other uses.

=====
SECTION 45
108/LO1105/108 D B1 04/50 ---- ---- Not scanned

Steel flanges (for steam, exhaust, & equilibrium pipes)
16A
620 - 649

=====
SECTION 45
74/T8082/78 DR B1 02/39 2 09/61 Not scanned

Feedwell
15
271 - 274
Shows feedwell, filters, injector water isolating valve, & tank isolating valve.

=====
SECTION 45
81/T2926/114 D B1 10/45 1 10/57 Not scanned

Tank support on cylinders
15
354 - 423

=====
SECTION 45
81/T2926/177 D B1 10/45 ---- ---- Not scanned

Lifting bracket (for tank & bunker) and (tank water level) gauge.
15
354 - 423

=====
SECTION 45
81/T2926/178 D B1 10/45 ---- ---- Not scanned

Air vent pipe etc.
15
354 - 413
Also shows details of bunker doors, parts of toolbox, carriers for jack,
pinch bars and headlight.
=====

SECTION 45
81/T2926/180 D B1 10/45 ----- Not scanned

Auxiliary water cock etc.
15
354 - 413
Shows water plug cock and hose connector.

=====
SECTION 45
81/T2926/181 D B1 10/45 ----- Not scanned

Tank girder & bracket
15
354 - 423

=====
SECTION 45
81/T2926/182 D B1 10/45 ----- Not scanned

Tank full size sections.
15
354 - 413
Shows full size sections, holding down bolts & springs, internal angle sections.

=====
SECTION 45
81/T2926/266 DR B1 10/45 ----- Not scanned

Air vent pipe, bunker door, tool box lids, etc.
15
354 - 423
Also shows security carrier for jack and pinchbars.

=====
SECTION 45
81/T2926/67 D B1 10/45 ----- Not scanned

Feedwell details etc.
15
354 - 413
Shows injector isolating valve and cut-out valve in feed well
and other parts.

SECTION 45
81/T2926/68 D B1 10/45 ----- Not scanned

Equilibrium pipe elbows etc.
15
354 -423
Shows elbows, pipe brackets, and hose connectors at
engine pivots.

SECTION 45
81/T2926/78 D B1 10/45 ----- Not scanned

Brass flanges
15
354 - 423
Shows flanges for injector pipes, brake ejector, and
plug for bunker drain.
=====

SECTION 45
81/T2926/79 D B1 10/45 ----- Not scanned

Steel flanges
15

354 - 423

Shows flanges for main steam, exhaust steam, injector, tank drain,
equilibrium pipes, and other uses.

=====

SECTION 45
L6644 S A4 ----- L6644_Valve_No_2.pdf 70 K

Valve No.2
All classes

Used on 15th class for coal watering.

=====

SECTION 45
L6745/20 D A4 ----- L6745-20.pdf 37 K

Elbow - hind engine, water pipe at pivot centre
15

=====

SECTION 45
L6745/34 D A4 ----- L6745-34.pdf 47 K

Elbow, water pipe at pivot centre, front engine
15

=====

SECTION 45
L6745/35 D A4 ----- L6745-35.pdf 47 K

Elbow, water pipe at pivot centre, hind engine
15

=====

SECTION 45
L6745/37 D A4 ----- L6745-37.pdf 50 K

Elbow, water pipe at pivot centre, front engine
15

=====

SECTION 45
L6762/50 D A4 ----- L6762-50.pdf 30 K

Flange, water feedbag connection
14,14A,15,16,16A,17,20,20A

SECTION 45
L6762/51 D A4 ----- ----- ----- L6762-51.pdf 28 K

Flange, water feedbag connection
14,14A,15,16,16A,17,20,20A

=====
SECTION 45
L6762/52 D A4 ----- ----- ----- L6762-52.pdf 29 K

Flange, water feedbag connection
13

=====
SECTION 45
L6762/53 D A4 ----- ----- ----- L6762-53.pdf 27 K

Flange, water feedbag connection
13

=====
SECTION 45
L6805/1 D A4 ----- ----- ----- L6805-1.pdf 31 K

Expansion gland, equilibrium valve
14,15,16

=====
SECTION 45
L6805/10 D A4 ----- ----- ----- L6805-10.pdf 46 K

Feed well cover, front
14,14A,15,16,16A,17,20,20A

=====
SECTION 45
L6805/14 D A4 ----- ----- ----- L6805-14.pdf 39 K

Spindle, equilibrium valve
14,14A,15,16,16A,20

=====
SECTION 45
L6805/15 D A4 ----- ----- ----- L6805-15.pdf 52 K

Valve in feed well
13,14,14A,15,16,16A,17,20

=====

SECTION 45
L6805/16 D A4 ----- ----- ----- L6805-16.pdf 43 K

Seat, equilibrium valve
13,14,14A,15,16,16A,17,20,20A

=====
SECTION 45
L6805/17 D A4 ----- ----- ----- L6805-17.pdf 38 K

Seat, feed well valve
14,14A,15,16,16A,17,20,20A

=====
SECTION 45
L6805/18 D A4 ----- ----- ----- L6805-18.pdf 37 K

Spindle, water equilibrium cut-out valve
20,20A

Drg. marked:- "Removed, no longer required"

=====
SECTION 45
L6805/2 D A4 ----- ----- ----- L6805-2.pdf 37 K

Expansion joint, equilibrium valve
14,15,16

=====
SECTION 45
L6805/3 D A4 ----- ----- ----- L6805-3.pdf 40 K

Lever, cut out valve
13,14,14A,15,16,16A,17,20,20A

Drawing marked: "Removed, no longer required".

=====
SECTION 45
L6805/4 D A4 ----- ----- ----- L6805-4.pdf 37 K

Cut out valve shaft
14,15,16,17

Drawing marked: "Removed, no longer required".

=====
SECTION 45
L6805/5 D A4 ----- ----- ----- L6805-5.pdf 35 K

Gland for cut out valve shaft
13,14,15,16,17,20

Drawing marked: "Removed, no longer required".

=====

SECTION 45
L6805/7 D A4 ----- ----- ----- L6805-7.pdf 40 K

Valve - cut out, Equilibrium valve
14,15,16

Drawing marked: "Removed, no longer required".

=====
SECTION 45
L6805/8 D A4 ----- ----- ----- L6805-8.pdf 34 K

Plug - spindle, water cut-out valve
13,14,14A,15,16,16A,17,20,20A

Drg. marked "Obsolete".

=====
SECTION 45
L6805/9 D A4 ----- 3 ----- L6805-9.pdf 48 K

Screen plate for feed well (Strainer)
14,14A,15,16,16A

=====
SECTION 45
L6922 DR A1 09/54 ----- ----- Not scanned

Modification to shovelling plate.
14A,15,16A

=====
SECTION 45
L6957 DR B1 10/54 1 04/57 Not scanned

Spring loading of tank securing bolts.
15,16

Application to 16th Class cancelled 04/57.

=====
SECTION 45
L8217 D A1 11/65 ----- ----- Not scanned

Tank fillhole sieve.
9A,10,11,12,12A,14,14A,15,16,16A,17,20,20A

Drawing marked:- "This drawing supersedes Drg. No. L7373"

=====
SECTION 45
L8343 DR B1 06/67 ----- ----- Not scanned

Hind tank & coal bunker
15

Drawing marked:- "To be read in conjunction with drawings L8344, L8345, L8425 & L8441"

=====

SECTION 45
L8344 D B1 06/67 ---- ---- Not scanned

Hind tank & coal bunker, sections
15

Drawing marked:- "To be read in conjunction with drawings L8343, L8345, L8425 & L8441"

=====
SECTION 45
L8345 D B1 06/67 ---- ---- Not scanned

Hind tank and coal bunker details
15

Drawing marked:- "To be read in conjunction with drawings L8343, L8344, L8425 & L8441"

=====
SECTION 45
L8425 D B1 06/67 ---- ---- Not scanned

Hind tank and coal bunker baffle plates.
15

Drawing marked:- "To be read in conjunction with drawings L8343, L8344, L8345 & L8441"

=====
SECTION 45
L8441 D B1 07/67 ---- ---- Not scanned

Hind tank and coal bunker, transverse baffles
15

Drawing marked:- "To be read in conjunction with drawings L8343, L8344, L8345 & L8425"

=====
SECTION 45
L8451 DR B1 11/67 ---- ---- Not scanned

Front tank general arrangement
15

Drawing marked:- "To be read in conjunction with drawings L8452, L8453 & L8454".

=====
SECTION 45
L8452 DR B1 11/67 ---- ---- Not scanned

Front tank sections (and other details)
15

Drawing marked:- "To be read in conjunction with drawings L8451, L8453 & L8454"

=====
SECTION 45
L8453 DR B1 11/67 ---- ---- Not scanned

Front tank transverse baffles
15

Drawing marked:- "To be read in conjunction with drawings L8451, L8452 & L8454"

=====

SECTION 45

L8454 DR B1 11/67 ----- Not scanned

Front tank. Longitudinal baffles
15

Drawing marked: "To be read in conjunction with drawings L8451, L8452 & L8453"

SECTION 45

L9639 DR A1 12/82 ----- Not scanned

Modifications to overflow weir on front tank.
14A,15,16A,20,20A

SECTION 46

74/T8082/130 D B1 02/39 ----- Not scanned

Lifting (jacking) brackets and brackets (storage) for screw jacks.
15

SECTION 46

74/T8082/231 D B1 02/39 ----- Not scanned

Clamp for removing reversing shaft arm (and re-railing ramp)
15

SECTION 46

81/T2926/178 D B1 10/45 ----- Not scanned

Air vent pipe etc.
15

354 - 413

Also shows details of bunker doors, parts of toolbox, carriers for jack,
pinch bars and headlight.

SECTION 46

81/T2926/179 D B1 10/45 ----- Not scanned

Lamp bracket etc.
15

354 - 413

Shows tool boxes, fire iron carriers, oil lamp bracket, etc.

SECTION 46

81/T2926/229 D B1 10/45 ----- Not scanned

Tools etc.
15

354 - 423

SECTION 46
81/T2926/230 D B1 10/45 ----- Not scanned

Marking of tyres etc.
15
354 - 423
Also shows soft grease gun and 40 ton screw jack.

=====

SECTION 46
81/T2926/266 DR B1 10/45 ----- Not scanned

Air vent pipe, bunker door, tool box lids, etc.
15
354 - 423
Also shows security carrier for jack and pinchbars.

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SECTION 46
M6671/27 D A4 ----- M6671-27.pdf 41 K
L6661

Gauge for aligning boiler water gauge cocks
15 and other locos

See drawings L6661 for assembly of gauge cocks

=====

SECTION 46
M6671/334 D A4 ----- M6671-334.pdf 36 K

Packing
14A,15,16A,20,20A

Drawing does not indicate which plates are used on which classes !!!!
For weight removal on coupled wheels.
=====

SECTION 46
M6671/335 D A4 ----- M6671-335.pdf 22 K

Wedge (for weight removal on coupled wheels)
14A,15,16A,20,20A

=====

SECTION 46
M6671/374 D A4 05/90 ----- M6671-374.pdf 186 K

Ring spanner (for cyl. drain valve burst disks)
14A,15,16A

=====

SECTION 47
81/T2926/9 DR B1 10/45 ----- Not scannable

Boiler & firebox arrangement
15

Marked:- "Redrawn. See drgs. 81/T.2926/9A,9B & 9C"
This drg. probably not copyable.
=====

SECTION 47
81/T2926/9A R B1 10/45 ----- 06/67 81-T2926-9A.pdf 94 M

Boiler & firebox arrangement (horizontal section)
15

BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 47
81/T2926/9C R B1 10/45 ----- 06/67 81-T2926-9C.pdf 10 M

Boiler & firebox arrangement (cross sections)
15

354 - 423
BP drg. 81/T2926/9 redrawn by Rhodesia Railways.
Riveted firebox with Nicholson syphons.

SECTION 47
L8230 DR B1 04/66 3 02/67 Not scanned

Welded boilers, General arrangement, elevation.
15,15A,16A

SECTION 47
L8281 DR B1 04/67 1 03/68 L8281.pdf 58 M

Fitting of welded (water tube) inner firebox to 15/15A class boilers.
15
348 - 570

Shows welded firebox fitted to riveted boiler shell.

SECTION 48
7173 D A4 ----- 7173.pdf

Steam chest liner (valve liner)
15

SECTION 48
74/T8082/142 D B1 02/39 13 12/58 Not scanned

Motion details
15

Shows all details of valve gear and valve spindles.

SECTION 48
81/T2926/117 DR B1 10/45 ----- Not scanned

Hind steam chest cover
15

354 - 423
Shows back steam chest cover, valve crosshead guide, and grease lubrication details.

SECTION 48
81/T2926/118 DR B1 10/45 ---- ---- Not scanned

Piston valve
15
354 - 413
See drg. 81/T2926/125 for details of valve spindles.

=====
SECTION 48
81/T2926/119 D B1 10/45 ---- ---- 81-T2926-119.pdf 6 M

Piston valve liner
15
354 - 413

=====
SECTION 48
81/T2926/260 D B1 10/45 2 04/57 Not scanned

Motion details, (valve) crosshead, lifting & connecting link.
15
354 - 423

=====
SECTION 48
L6713/210 D A4 ---- ---- L6713-210.pdf 34 K

Bolt, valve crosshead guide
14A,15,16A

=====
SECTION 48
L6717/12 D A4 ---- ---- L6717-12_HQ.pdf 250 K

Dowel screw, piston valve rings
15 and others

=====
SECTION 48
L6757/158 D A4 ---- ---- L6757-158.pdf 41 K

Cotter (Valve crosshead)
14A,15,16A,17,20,20A

See also drg. L6757/159

=====
SECTION 48
L6757/159 D A4 ---- ---- L6757-159.pdf 33 K

Cotter, valve crosshead
14A,15,16A

See also Drg. L6757/158

SECTION 48
L6757/184 D A4 ---- ---- ---- L6757-184.pdf 64 K

Slide block, valve spindle crosshead
14A,15,16A

=====
SECTION 48
L6757/236 D A4 ---- ---- ---- L6757-236.pdf 41 K

Oil Gland, (valve spindle lubricator)
15 and other locos

For lid, see drg. L6757/239

=====
SECTION 48
L6757/239 D A4 ---- ---- ---- L6757-239.pdf 28 K

Lid, for oil gland
15 and other locos

For gland casting see Drg. L6757/236

=====
SECTION 48
L6757/254 D A4 ---- ---- ---- L6757-254.pdf 30 K

Bush (for valve spindle in front steam chest covers)
15 and other locos

ID to be finished to suit valve spindles.

=====
SECTION 48
L6757/255 D A4 ---- ---- ---- L6757-255.pdf 45 K

Bush (for valve spindle in front steam chest covers)
15 and other locos

ID to be finished to suit valve spindles.

=====
SECTION 48
L6757/30 D A4 ---- ---- ---- L6757-30.pdf 26 K

Nut, for securing piston valve head
14,14A,15,16A

=====
SECTION 48
L6757/366 D A4 ---- ---- ---- L6757-366.pdf 49 K

Guide, top, valve spindle crosshead
14A,15,15A,16A,20,20A

=====

SECTION 48
L6757/367 D A4 ----- ----- ----- L6757-367.pdf 40 K

Guide, bottom, valve spindle crosshead
14A,15,15A,16A,20,20A

=====

SECTION 48
L6757/379 D A4 ----- ----- ----- L6757-379_HQ.pdf 485 K

Spindle (for valves)
15

This drawing does not show details of the tapered end to fit crosshead.

=====

SECTION 48
L6757/55 D A4 ----- ----- ----- L6757-55.pdf 45 K

Ring retainer, valve piston head
15

Drawing marked "Obsolete"

=====

SECTION 48
L6757/56 D A4 ----- ----- ----- L6757-56.pdf 196 K

Liner, valve spindle crosshead
14A,15,16A

=====

SECTION 48
L7223/2 D A4 ----- ----- ----- L7223-2.pdf 48 K

Valve ring drums
15 and other locos

=====

SECTION 48
L7304/10 D A4 ----- ----- ----- L7304-10_HQ.pdf 411 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 10, Cylinder & steam chest liner bores

=====

SECTION 48
L7304/6 D A4 ----- ----- ----- L7304-6_HQ.pdf 232 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 6, Valve spindles

=====

SECTION 48
L7307 D B1 07/57 1 12/68 Not scanned

Modified locomotive piston valve heads.
10,14A,15,16A,19,20,20A

For castings see drawing L-7223/3

=====
SECTION 48
L8576 R B1 11/68 ---- ---- Not scanned

Provision of oil lubrication at valve spindle crosshead & piston rod.
14A,15,15A,16A,19,19B,20,20A

=====
SECTION 49
4369 DR B1 09/31 ---- ---- 4369.pdf 24 M

Arrgt & dtls of 3" Ross pop safety valve
15 and other locos

RR drawing traced from Ross & Co. Ltd. drawing A1045
Shows arrangement and details of 3" safety valve

=====
SECTION 49
4369/1 D A4 ---- 4 ---- 4369-1.pdf 47 K
L4369/14

Casing, 3" Ross Safety Valve
15 and all others except 11A,12A,12B,19

This drawing superceded by Drg. 4369/15

=====
SECTION 49
4369/10 D A4 ---- 1 ---- 4369-10.pdf 33 K
L4369/14

Lever, 3" Ross safety valve
15 and all others except 11A,12A,12B,19

=====
SECTION 49
4369/11 D A4 ---- 1 ---- 4369-11.pdf 26 K
L4369/14

Cotter, 3" Ross safety valve
15 and other locos

=====
SECTION 49
4369/12 D A4 ---- A ---- 4369-12.pdf 37 K
L4369/14

Spring, 3" Ross safety valve
15 and other locos

SECTION 49
4369/13 D A4 ----- 1 ----- 4369-13.pdf 78 K
L4369/14
Valve Seat, 3" Ross safety valve
15 and other locos

This drawing supercedes Drg. No. 4369/2

=====
SECTION 49
4369/14 S A4 ----- ----- 4369-14.pdf 70 K

3" Ross safety valve (Assembly)
9,8,12,14,14A,15,16,16A,20,20A

=====
SECTION 49
4369/15 D A4 ----- 0 ----- 4369-15.pdf 45 K
L4369/14
Casing, 3" Ross safety valve
15 and other locos

This drawing supercedes Drg. 4369/1

=====
SECTION 49
4369/2 D A4 ----- 1 ----- 4369-2.pdf 43 K
L4369/14
Valve Seat, 3" Ross Safety Valve
15 and all others except 11A,12A,12B,19

This drawing superceded by Drg. 4369/13

=====
SECTION 49
4369/3 D A4 ----- 2 ----- 4369-3.pdf 47 K
L4369/14
Valve, 3" Ross safety valve
15 and all others except 12,19

=====
SECTION 49
4369/4 D A4 ----- 0 ----- 4369-4.pdf 32 K
L4369/14
Spindle, 3" Ross safety valve
15 and all others except 11A,12A,12B,19

=====
SECTION 49
4369/5 D A4 ----- 1 ----- 4369-5.pdf 26 K
L4369/14
Spring Cap, 3" Ross safety valve
15 and all others except 11A,12A,12B,19

=====

SECTION 50
6061 M A1 03/46 ---- ---- Not scanned

Hydraulic pressures for forcing wheels on to axles.
6,7,9,9A,9B,11,12,12A,13,14,15,16,18
Also 1,2, & 7

Lists press loads for mounting loco driving & bogie wheels and carriage & wagon wheels, on to axles. Does NOT include crank pins.

=====
SECTION 50
74/T8082/155 D B1 02/39 ---- ---- Not scanned

Coupled wheel balancing (calculations)
15

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SECTION 50
81/T2926/134 D B1 10/45 2 07/56 Not scanned

Coupled wheels
15
354 -423

=====
SECTION 50
81/T2926/230 D B1 10/45 ---- ---- Not scanned

Marking of tyres etc.
15
354 - 423
Also shows soft grease gun and 40 ton screw jack.

=====
SECTION 50
8181/B1 I A4 ---- ---- ---- 8181-B1_HQ.pdf 515 K

Instructions, Locomotive bogie & tender bogie tyres
15 and other locos

See also Drg. 8181/B2

=====
SECTION 50
8181/B2 D A4 ---- ---- ---- 8181-B2.pdf 40 K

Tyre (BA) (Profile for ordering new tyre forgings)
15 and other locos

See also Drg. 8181/B1. For finished profile see Drgs. 8181/P5 & P6

=====
SECTION 50
8181/D1 I A4 ---- ---- ---- 8181-D1_HQ.pdf 724 K

Instructions, locomotive, coupled, motorised & tender bogie tyres
15 and other locos

See also Drg. 8181/D6

=====

SECTION 50

8181/D6 D A4 ----- ----- ----- 8181-D6_HQ.pdf 523 K

Tyre (DE) (Profile for ordering new tyres)
Diesel Electric locos.

See also Drg. 8181/D1. For finished profile see Drgs. 8181/P5 & P6
Tyres for Diesel Electric locos.

=====

SECTION 50

8181/P1 I A4 ----- ----- ----- 8181-P1_HQ.pdf 475 K

Tyre shrinkage allowances
15 and other locos

SECTION 50

8181/P5 I A4 ----- ----- ----- 8181-P5_HQ.pdf 778 K

Tyre profile, full flange
15 and other locos

Used on Ldg & Trlg driving wheels and all bogie wheels on 15th Class

SECTION 50

8181/P6 I A4 ----- ----- ----- 8181-P6_HQ.pdf 904 K

Tyre profile, thin flange
15 and other locos

Used on centre driving wheels on 15th Class

SECTION 50

Chart No. L-6 M A4 ----- ----- ----- Chart_L6.pdf 185 K

Wheel hammer blow, 15th Class locos
15

SECTION 50

L6400 I A4 ----- ----- ----- L6400.pdf 61 K

Index, Coupled wheel axles
15 and other locos

SECTION 50

L6400/1 Sh.1 I A4 ----- ----- ----- L6400-1_Sheet_1.pdf 60 K

Instructions, Coupled wheel axles, Sheet 1
15 and other locos

Sheet 1 of 2

SECTION 50
L6400/1 Sh.2 I A4 ----- L6400-1_Sheet_2.pdf 89 K

Instructions, Coupled wheel axles, Sheet 2
15 and other locos

Sheet 2 of 2

=====
SECTION 50
L6400/19 D A4 ----- L6400-19.pdf 44 K

Axle (Coupled wheels)
14A,15,16A

=====
SECTION 50
L6660/133 D A4 ----- L6660-133.pdf 56 K

Washer (loose), inner & outer crank pin
14A,15

=====
SECTION 50
L6660/78 D A4 ----- L6660-78.pdf 50 K

Crank pin, inner & outer (Ldg & Trl)
15
350-423
Replacement for BP drg 81/129.
See drg L6660/160 for modification for Smith-Stone speedometer drive.

=====
SECTION 50
L6660/79 D A4 ----- L6660-79.pdf 40 K

Washer, inner & outer crank pins
14A,15
350-423
This washer only used for crank pins to drg L6660/78

=====
SECTION 50
L6660/80 D A4 ----- L6660-80_HQ.pdf 40 K

Locknut (for securing crank pin washer)
14A,15,16A
350-423

=====
SECTION 50
L6660/81 D A4 ----- L6660-81.pdf 42 K

Stud (for securing washer on crank pin)
14A,15,16A,20,20A
350-423

=====

SECTION 50
L6660/83 D A4 ----- L6660-83.pdf 252 K

Crank pin - Driving
15
364-413

=====
SECTION 50
L6863 DR B1 10/53 ----- Not scanned

Coupled wheel boss liners.
15 and other locos

Shows welded on liner plates for making up for
wear on inner faces of wheel bosses.

=====
SECTION 50
L6879/109 D A4 ----- L6879-109_HQ.pdf 404 K

Gibson ring
15 and other locos

=====
SECTION 50
L7304/12 D A4 ----- L7304-12_HQ.pdf 228 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 12, Distance between wheel bosses

=====
SECTION 50
L7304/3 D A4 ----- L7304-3_HQ.pdf 366 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 3, Coupled wheel axle journals

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SECTION 50
L7304/5 D A4 ----- L7304-5_HQ.pdf 379 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 5, Crankpins

=====
SECTION 50
L7304/9 D A4 ----- L7304-9_HQ.pdf 321 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 9, Tyre thickness on tread

SECTION 50
L9307 D A1 07/78 ---- ---- Not scanned

Fitting of sleeve to axle when fitting cannon axlebox to coupled wheels.
14A,15,16A

=====
SECTION 50
L9309 D A1 07/78 ---- ---- Not scanned

Modification to wheels for oil injection of axles to suit cannon axlebox for coupled wheels
14A,15,16A

=====
SECTION 51
6032 I B1 01/46 ---- ---- Not scanned

Locomotive and tender wheel notation
15 and other locos

=====
SECTION 51
6061 M A1 03/46 ---- ---- Not scanned

Hydraulic pressures for forcing wheels on to axles.
6,7,9,9A,9B,11,12,12A,13,14,15,16,18
Also 1,2, & 7

Lists press loads for mounting loco driving & bogie wheels and
carriage & wagon wheels, on to axles. Does NOT include crank pins.

=====
SECTION 51
81/T2926/135 D B1 10/45 2 04/50 Not scanned

Bogie wheels and axles
15
354 - 413
Shows bogie axle and coupled wheel axles.

=====
SECTION 51
81/T2926/230 D B1 10/45 ---- ---- Not scanned

Marking of tyres etc.
15
354 - 423
Also shows soft grease gun and 40 ton screw jack.

=====
SECTION 51
8181/B1 I A4 ---- ---- 8181-B1_HQ.pdf 515 K

Instructions, Locomotive bogie & tender bogie tyres
15 and other locos

See also Drg. 8181/B2

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SECTION 51

8181/B2 D A4 ----- 8181-B2.pdf 40 K

Tyre (BA) (Profile for ordering new tyre forgings)
15 and other locos

See also Drg. 8181/B1. For finished profile see Drgs. 8181/P5 & P6

SECTION 51

8181/D1 I A4 ----- 8181-D1_HQ.pdf 724 K

Instructions, locomotive, coupled, motorised & tender bogie tyres
15 and other locos

See also Drg. 8181/D6

SECTION 51

8181/D6 D A4 ----- 8181-D6_HQ.pdf 523 K

Tyre (DE) (Profile for ordering new tyres)
Diesel Electric locos.

See also Drg. 8181/D1. For finished profile see Drgs. 8181/P5 & P6
Tyres for Diesel Electric locos.

SECTION 51

8181/P1 I A4 ----- 8181-P1_HQ.pdf 475 K

Tyre shrinkage allowances
15 and other locos

SECTION 51

8181/P5 I A4 ----- 8181-P5_HQ.pdf 778 K

Tyre profile, full flange
15 and other locos

Used on Ldg & Trlg driving wheels and all bogie wheels on 15th Class

SECTION 51

L6279/1 Sh.1 I A4 ----- 2 ----- L6279-1_Sheet_1.pdf 75 K

Instructions, Engine Bogie Axles, Sheet 1

15 and various others
Sheet 1 of 2

SECTION 51

L6279/1 Sh.2 I A4 ----- L6279-1_Sheet_2.pdf 86 K

Instructions, Engine bogie axles, Sheet 2

15 and various others
Sheet 2 of 2

SECTION 51
L6279/7 D A4 ----- 1 ----- L6279-7.pdf 57 K

Axle, Bogie - Skefco bearings
15

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SECTION 51
L6279/8 D A4 ----- 0 ----- L6279-8.pdf 41 K

Axle, Bogie - Timken bearings
15

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SECTION 51
L6879/109 D A4 ----- ----- ----- L6879-109_HQ.pdf 404 K

Gibson ring
15 and other locos

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SECTION 51
L7304/12 D A4 ----- ----- ----- L7304-12_HQ.pdf 228 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 12, Distance between wheel bosses

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SECTION 51
L7304/4 D A4 ----- ----- ----- L7304-4_HQ.pdf 259 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 4, Bogie & tender axle journals

=====
SECTION 51
L7304/9 D A4 ----- ----- ----- L7304-9_HQ.pdf 321 K

Standard, Intermediate & Scrapping sizes for locomotive details
15 and other locos

Page 9, Tyre thickness on tread

=====
SECTION 99
3709 D A1 03/29 ----- ----- Not scanned

Standard fusible plug tap
15 and other locos

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SECTION 99
4350 D B1 09/31 ----- Not scanned

Pedestal for supporting Garrett frames
????

Item designed for 3 inch thick frames.
Not useable for 15th class engines.

=====
SECTION 99
5286 D A1 07/38 ----- Not scanned

Standard beading tools
15 and other locos

Tools used for beading over tubes & flues after prossering.
Drawing marked:- "Cancelled, see Drg. No. 5422

=====
SECTION 99
5362 D A1 12/38 2 11/45 Not scanned

Boiler washout plug taps.
15 and other locos

For washout plugs see Drawing No. 3827

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SECTION 99
5379 D A2 01/39 ----- Not scanned

Water tube inspection plug tap.
15 and other locos

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SECTION 99
5960 D B1 10/45 ----- Not scanned

Sectional prossering & expanding tools for boiler & superheater flue tubes.
15 and other locos

Drawing states:- "for 18th Class locomotives".
Tools suit 1-5/8" ID tube ends & 4-1/16" ID flue ends.

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SECTION 99
81/T2926/229 D B1 10/45 ----- Not scanned

Tools etc.
15
354 - 423

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SECTION 99
M6671/27 D A4 ----- M6671-27.pdf 41 K
L6661

Gauge for aligning boiler water gauge cocks
15 and other locos

See drawings L6661 for assembly of gauge cocks

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SECTION 99
M7368 D A2 11/57 ---- ---- Not scanned

Boiler stay taps
15 and other locos

This tap is 2'-6" long overall. Drawing does not specify thread diameter but has all other dimensions.

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SECTION 99
M7432 D B1 10/58 ---- ---- Not scanned

Flue tube cutter & facing tool.
15 and other locos

Shows variations for 4", 4-1/2" and 5-1/4" ID tubes.

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SECTION 99
M7438 D B1 08/58 ---- ---- Not scanned

Tube expanders
15 and other locos

Shows a complete range of tube expanders (both long & short) for tubes from 1-1/8" ID up to 5-5/8" ID.

=====
SECTION 99
M7442 D A1 08/56 ---- ---- Not scanned

Water tube expander
15 and other locos

For expanding tubes of 2-5/8" ID

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SECTION 99
M7446 D A1 09/58 ---- ---- Not scanned

Smoke tube cutter & facing tool.
15 and other locos

Shows variations for 1-7/8", 2-1/4" and 2-1/2" ID tubes.

=====
SECTION 99
M7449 D A2 01/59 ---- ---- Not scanned

Boiler stay tap
15 and other locos

This tap is 2'-0" long overall. Drawing does not specify thread diameter but has all other dimensions.

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SECTION 99
M7541 D A2 07/59 ---- ---- Not scanned

Reamers, water space stay hole
15 and other locos

Reamers for tapping sizes of 1" to 1-3/8" dia x 11 TPI

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SECTION 99

M7568 D A2 09/59 ----- ----- Not scanned

Taps, boiler blind stay.
15 and other locos

Covers stay threads from 7/8" to 1-5/16" dia x 11 TPI

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1042 Drawings listed