

BORHT ACCESSION NO. 2008/34/22**EAST AFRICAN RAILWAYS Class 59 4-8-2+2-8-4**

4 bundles. All are dyeline prints. 261 drgs out of ? 338 ?

Z 6885/	Title
1	[Diagram] (Extract from unknown source)
2	Engine General Arrangement Front Engine
3	Engine General Arrangement Boiler Unit Front Part
4	Engine General Arrangement Boiler Unit – Hind Part
5	Engine General Arrangement Hind Engine
6	
7	Boiler Pipe Arrangement Front Part [2 copies]
8	Boiler Pipe Arrangement Hind Part & End Views [2 copies]
9	Engine Pipe Arrangement Elevation – Front Part
10	Engine Pipe Arrangement Plan – Front Part
11	Engine Pipe Arrangement Elevation – Hind Part
12	Engine Pipe Arrangement Plan – Hind Part
13	Engine Pipe Arrangement – End Views
14	Brake Diagram (2 Copies)
15	Boiler & Firebox Elevation
16	Boiler & Firebox Plan
17	Boiler & Firebox End Views
18	Foundation Ring
19	Front Gusset Stay
20	Hind Gusset Stay
21	Boiler Seatings
22	Tubes & Expansion Angle
23	Manhole & Blow-off Cock Seating
24	Half Size Scctions & Arrangement of Crown Stays
25	Firebox Steady Bracket & Guide
26	Vertical Stays
27	Cross Stays & Seatings
28	Water Space & Palm Stays
29	Washout Doors & Mud Plugs
30	Splash Plate, Pipe Carriers in Boiler & Dome
31	Blow-off Cock (Everlasting & “Ross” Pop Safety Valve
32	Boiler & Firebox Plates (2 copies)
33	Dome
34	“Melesco” Steam Drier
35	Smokebox
36	Smokebox
37	Chimney & Petticoat (2 copies)
38	Blast Pipe & Cap (2 copies)
39	Steam Pipe Connection to Header Elbows in Boiler & Dome
40	Smokebox Door
41	Smokebox Door Details
42	Sight Hole in Smokebox & Air Vents in Tanks
43	Branch Steam Pipe through S’box to Hind Engine & Steel Flanges
44	S’box Drain & Casing for Stm Pipe Branch through S’box to Hind Engine

45	Smokebox Bottom & Liner Plate
46	Superheater Header (Multiple Valve Regulator)
47	Superheater Header (Multiple Valve Regulator)
48	Superheater Elements
49	Regulator Valve Assembly
50	Regulator Valve Assembly
51	Regulator Cam Shaft, Pilot Valve, Stops etc
52	Regulator Valve Covers etc
53	Regulator Cam Shaft Casings & Header Carrier
54	Regulator Stuffing Box & Casing Gland
55	Oil Fuel Arrangement Elevation
56	Oil Fuel Arrangement Plan & End View
57	
58	Fire Door & Details
59	Fire Door Sealing Ring
60	Oil Burner
61	Oil Manifold & Heater, Firedoor Air Duct
62	Automatic Change-over Valve, Oil Control Cock & Steam Valve
63	Oil Fuel Pipe Connections
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68	Pressure Gauges for Oil Fuel, Steam & Boiler
69	Flame Pan Arrangement
70	Flame Pan Details
71	Firebrick Arrangement & Details of Bricks
72	Arrangement of Firebox Mountings
73	Water Gauge Cocks – “Klinger”
74	Steam Turret [2 copies]
75	Steam Turret
76	Valves on Steam Turret
77	Regulator Handle & Details in Cab
78	Regulator Details to Smokebox
79	Extension Spindles & Carrier
80	Handwheels & Cylinder Air Valve
81	Marking of Hand Wheels Etc. Injector Starter Valve
82	Blower Valve & Cylinder Cock Operating Valve
83	Whistles – Large & Small
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85	Injector Steam Valve
86	Whistle Cord Details & Inspector’s Seat
87	Pipe Clips & Carriers (Steam & Exhaust)
88	Pipe Clips & Carriers (Brake)
89	Pipe Clips & Carriers (on Engine Unit)
90	Pipe Clips & Carriers (on Boiler Unit)
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93	Flexstel Carriers
94	Clothing Arrangement – Front Part
95	Clothing Arrangement – Hind Part & End Views
96	Fibre Glass Mattresses
97	Mouldings & Casings
98	Crinolines for Firebox
99	Crinolines for Boiler, Strap Ends
100	Crinolines for Dome Base, No 5 “Russell” Ramp
101	Steam Pipe Casings
102	Hand Rail & Pillars (Boiler Unit)
103	Clothing Pockets & Casings
104	Clothing on Firebox Back Plate
105	Cylinder Clothing & Casings
106	Clothing Pockets
107	Handrails on Tank & Cab
108	Steam Ball Joint (Front & Hind Engines)
109	Steam “Y” Pipe & Expansion Joint
110	Steam Pipe Expansion Joint on Boiler Frame
111	Exhaust Pipe Expansion Joint At Cylinder
112	Exhaust Ball & Slip Joint behind Firebox
113	Exhaust Ball Joint at Hind Pivot
114	Exhaust Ball Joint & Pendulum Pipe at Front Pivot
115	Steam & Exhaust Pipe Elbows At Smokebox [2 copies]
116	Equilibrium Pipe Elbows on Tanks & Carriers
117	Equilibrium Pipe Expansion Joint “Davies & Metcalfe” Live Steam Injector No 13.
118	Equilibrium Pipe Elbows on Pivots & Water Hose Pipe
119	Elbows for Injector
120	Flexstel Connetions – Arrangement (between Eng & Boiler Units)
121	Injector Carriers & Details
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123	Feedwell
124	Top Feed Clackbox Elevation & End View (2 copies)
125	Top Feed Clackbox 92 copies)
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127	Engine Frame Arrangement. Elevation - Front Part (2 copies)
128	Engine Frame Arrangement. Plan - Front Part
129	Engine Frame Arrangement. Elevation - Hind Part (2 copies)
130	Engine Frame Arrangement. Plan - Hind Part
131	Pivot Centre (Bottom) (2 copies)
132	Pivot Centre (Bottom) (2 copies)
133	Pivot Centre Details (2 copies)
134	Pivot Side Bearer Details & Outer Bogie Top Pivot Centre (2 copies)
135	Drag Box
136	Frame Stay over Inner Bogie
137	Tank Support at Cylinders Hind Engine (2 copies)
138	Frame Stay & Tank Support between Inter & Driving Coupled Wheels (2 copies)

139	Frame Stay & Tank Support between Inner & Outer Coupled Wheels
140	Tank Side Supports, Tank Fastening Plates & Shoes
141	Radial Arm & Brake Shaft Carrier
142	Steam Brake Cylinder Carrier & Drip Tray (2 copies)
143	Hand Brake Screw & Gear Box Carrier
144	Jacking Bracket & Brake Hanger Carrier (Outer, Inter & Driving)
145	Cow Catcher & Details
146	Tank Support & Steam “Y” Branch Support behind Cylinders (2 copies)
147	Tank Support at Cylinders (Front Engine Unit) (2 copies)
148	Engine Frame Drilling – Front Part (2 copies)
149	Engine Frame Drilling – Hind Part (2 copies)
150	Platform Plates & Outer Bogie Footsteps
151	Frame Angles (Engine & Boiler Frames) (2 copies)
152	Boiler Frame Arrangement Elevation – Front Part
153	Boiler Frame Arrangement Plan – Front Part
154	Boiler Frame Arrangement Elevation – Hind Part
155	Boiler Frame Arrangement Plan – Hind Part
156	Boiler Frame Arrangement End Views
157	Boiler Frame Strengthening Strip
158	Flanged Plates (Engine & Boiler Frames)
159	Pivot Centre (Top) Elevation
160	Pivot Centre (Top) End View & Plan (2 copies)
161	Frame Details
162	Ladders on Platform & Casing for Reversing Rod Guide
163	Smokebox Saddle & Filling in Plates
164	Stay under Smokebox Tube Plate Boiler Unit Keep at Pivot Centre Casting
165	Footsteps on Boiler Frame
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167	Cylinders – 20½” Dia x 28” Stroke Elevation [2 copies]
168	Cylinders – 20½” Dia x 28” End View & Plan [2 copies]
169	Cylinder Covers & Piston [2 copies]
170	Steam Chest Cover (Outer) & “Wota” Bye-pass Valve
171	Steam Chest Cover (Inner) & Valve Spindle Guide [2 copies]
172	Piston Valve
173	Piston Valve Liner & Locking Pin
174	“Britimp” Metallic Packing, Relief Valve & Drain Cocks
175	Cylinder Cocks Operating Cylinder
176	Cylinder Cocks Operating Gear Details
177	Motion Arrangement (Walschaerts) Front Part
178	Motion Arrangement (Walschaerts) Hind Part
179	Motion Details
180	Reversing Link & Die
181	Motion Girder & Reversing Link Carrier, Slide Bars [2 copies]
182	Reversing Shaft (Main)
183	Intermediate Reversing Rods
184	Reversing Levers at Pivot Centres at Reversing Cylinders
185	Reversing Shaft Carriers
186	Intermediate Reversing Lever Carrier

187	Reversing Shaft Arms & Balance Weight
188	Main Reversing Rods on Boiler Frame
189	Intermediate Reversing Shaft
190	Motion Pins
191	Roller Bearing for Return Crank (Skefko) & Screw Jack
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193	Power Reverse Gear – Outline Arrangement
194	Reverse Gear Operating Details
195	Cylinder Bed Plate & Crosshead Slides
196	Cylinder Bed Plate Support
197	Reversing Screw Bracket & Screw Details
198	Reversing Screw Details
199	Reversing Screw Handwheel & Details, Auto Pump Details
200	Steam Cylinder, Piston & Piston Rings
201	Steam Cylinder Cover & Joint Ring, Asbestos Mattress
202	Steam & Cataract Cylinder Casings
203	Steam Valve Chest, Steam Cylinder Bush, Piston Rod Nut
204	Steam Cylinder Details
205	Cataract Cylinder
206	Cataract Cylinder Details
207	Piston Rod (Stm & Cat), Piston Centre (Cataract) Piston Rod Nut
208	Cataract Cylinder Details
209	Cataract Cylinder Details & Relief Valve
210	Cross Head & Motion Details
211	Steam & Cataract Cylinder Details, Links & Levers
212	Steam Valve Cataract Cylinder Bracket Roller
213	Automatic Pump Body
214	Automatic Pump Details
215	Automatic Pump Details & Instruction Plate
216	Coupling Rods – Inner & Outer
217	Coupling Rods – Driving & Intermediate
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222	Crosshead
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227-A	Wheel Balancing Calculations
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233	Inner Truck Axle Box
234	Inner, Inter & Outer Axle Box Guides, Liners & Frame Clip

235	Driving Axle Box Guides, Liners & Frame Clip
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241	Bogie Arrangement (Outer) – 4-Wheel – Elevation & Plan
242	Bogie Arrangement (Outer) – 4-Wheel – End View, Bolster etc
243	Bogie Frame & Frame Horn Liners
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246	Check Spring Casing & Dust Shield
280	Sand Box in Front Tank for Outer Wheels, Sand Trap & Valve
281	Sand Box in Hind Tank for Outer Wheels [2 copies]
282	Sand Box for Inner Wheels
283	Inner Sand Box Carriers & Hand Hole Cover
284	Steam Brake Cylinder – 10” Dia x 8 “ Stroke
285	Hand Brake Screw Hand Wheel Gear Box & Details
286	Hand Brake Gear Box
287	Brake Shaft
288	Brake Hanger & Block
289	Brake Hanger Carrier (Inner) & Brake Release Spring Gear
290	Brake Rods & Cross Beams
291	Brake Rods & Cross Beams
292	Brake Cross Beam Safety Chains
293	Westinghouse Air Compressor & Brake Fittings
294	Timing Chamber, Control Reservoir, Release Valve & Flexstel Coupling
295	Graduable Steam Brake Valve [2 copies]
296	Westinghouse Brake Main Reservoirs, Drain Cock & Spanners
297	Westinghouse Brake Miscellaneous Brasswork
298	Draw Gear Details, Safety Chains etc
299	Arrangement of A.B.C. Coupler
300	Arrangement of A.B.C. Coupler & “Visco” No 2 Alliance Type Coupler
301	Arrangement of “Stones” Electric Lighting – Front Part
302	Arrangement of “Stones” Electric Lighting – Hind Part
303	Turbo Generator & Carrier, Lamp Carriers etc
304	Head Lamp & Back –up Lamp
305	Switch & Junction Boxes, Couplings, Sockets etc
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307	Side, Cab, Motion & Hand Lamps, Junction & Fuse Boxes etc
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309	Lubrication Diagram – Front Engine Unit
310	Lubrication Diagram – Hind Engine Unit
311	“Silvertown” 12 & 8 Feed Mechanical Lubricators – Plan
312	“Silvertown” 12 & 8 Feed Mechanical Lubricators – End View
313	Combined Check & Test Valve, 3-Feed Atomiser

314	Lubricator Carriers & Drive Gear Details
315	“Wakefield” Sight Feed Lubricator – (2 Feed)
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318	Details of “D & M” Mechanical Lubricator, Reservoir, Carriers etc – Eng. No 5934
319	Arrangement of “Smiths” Speed Indicator & Clips
320	Indicator, Wheel Adjusting Box & Details
321	Indicator Generator etc
322	Axle Mounting Adaptor & Maker’s Name Plate
323	Steel Flanges
324	Steel & Brass Flanges
325	Steel Pipes – Steam & Exhaust
326	Steel Pipes – Equilibrium & Internal
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331	Misc Brass Work (for Oil Fuel), Steam Flanges & Elbows for Blow-off Cock
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333	Oil Box Carriers
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335	Railway Co.’s Letters & Numbers, Boiler Test Plate
336	Oil Cans & Containers
337	Double Ended Spanners, Chisels etc
338	Single Ended Spanners, Box Spanners etc