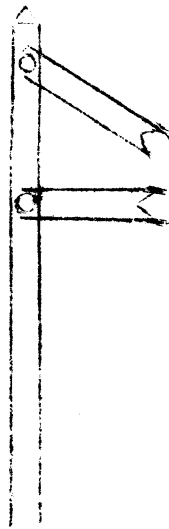


THE WESTERN PACIFIC RAILROAD  
PRESENTS WITH ITS COMPLIMENTS  
THIS COPY OF ITS LOCOMOTIVE REGISTER  
TO

MEMBERS OF THE 6000 MILE RAIL-FAN TOUR  
MAY THIS FIRST TRIP OVER THE WESTERN  
PACIFIC RAILROAD LINE BE OF HISTORICAL  
VALUE TO YOU

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SAFETY FIRST  
STOP-LOOK & LISTEN  
JULY 18, 19 & 20, 1938.

ENGINE ROAD NO	NO OF	PAGE	BUILDER	PLACE BUILT	DATE BUILT	BUILDERS ORDER NO
1-20	20	4	Baldwin Loco. Wks.	Philadelphia, Pa.	1906	spec. B-3693
21-65	44	5	American " Co.	Schenectady, NY	1909	*S-642, *S-646
71-85	15	6	" " "	Dunkirk, NY	1908	B-1169
86-106	20	7	" " "	" NY	1909	B-1197
122	1	8	Richmond " "	Richmond, Va.	1896	
124	1	9	Baldwin " "	Philadelphia Pa.	1882	
D.C.2	1	11	" " "	" Pa.	1890	
T.S.1	1	12	New York " "	Rome NY.	1891	
151-162	12	13	American " "	Pittsburg Pa.	1909	F-610
163	1	14	American " "	Schenectady NY.	1915	S-1108
164-165) 166)	3	14	" " "	" NY.	1919	S-1287
171-180	10	10	" " "	" NY.	1924	A-11636
201-205	5	15	" " "	Dunkirk, NY.	1917	B-1444
206-210	5	16	" " "	Richmond Va.	1924	R-344
251-256	6	17	Baldwin " "	Philadelphia Pa.	1931	31-D-94
301-305	5	18	American " "	Dunkirk NY	1918	B-1484
306-310	5	19	" " "	Schenectady NY.	1919	S-1268
311-315	5	20	" " "	Dunkirk NY.	1921	B-1555
316-321	6	21	" " "	" NY.	1923	B-1597
322-326	5	22	" " "	" NY.	1924	B-1641
327-331	5	23	" " "	Schenectady NY.	1926	S-1539
332-336	5	24	" " "	" NY.	1929	S-1647

NOTE: See sheet 2 for equipment retired or scrapped;

SEE PAGE 8A FOR SERIALS 1-15 16

NOT LISTED ABOVE

THE WESTERN PACIFIC RAILROAD COMPANY

STEEL COMB. COACH & BAGGAGE - MOTOR CAR

Seating Capacity	42 Passengers	Total Weight Body & Trucks	26000 Lbs.
Engine-Midwest, Model	399 4 Cylinders	Safe Constant Speed	1500 R.P.M. <del>1100</del>
Bore Cylinders	4-3/4"	Maximum " "	1800 "
Stroke	6"	Horse Power at 800 R.P.M.	41.8
Gear Ratio First	4 to 1	" " " 1000 "	51.3
" " Second	1.76 " 1	" " " 1200 "	59.1
" " Third, Direct	1 " 1	" " " 1400 "	65.8
Brakes		" " " 1500 "	68.
Westinghouse	Sched, SME	Draft Gear	Coupler
Hand Brakes		Body Finish inside Car	Cherry
Heater		Seat Covering	Artifel Brown Leather
Peter Smith Heater, Coal Fired		Saloon Hopper	Dry
Lighting System		Water Cooler	One Galv. Iron Cooler
Electric 12 Volt Engine Driven		Seperate Ice Compartment	
Electric Generator,		Ventilators	10 Exhaust
Battery Storage		Platforms Wide Type	Steel
160 Amp Hour, 14 Lights, 15 C.P.		Gas Tank Capacity	50 Gals.
Trucks		Length of Car under Shooting	41'-10"
4 Wheel Cast Steel Bolster		Truck Centers	22'-2"
Wheels 30" Dia. Steel Special		Wheel Base	6'-8'
Axels	3" Dia.	Height overall	11' 2"
History		Pass Compartment	25'-10"
Built by Service Motor Truck Co.		Baggage "	7' 2"
Built at Wabash, Indiana			
Year:	November 1922		
Owner:	Western Pacific R.R.Co.		
Car Numbers	198 & 199		
Delivered to W.P.R.R.	Dec. 7-1922		

THE WESTERN PACIFIC RAILROAD COMPANY

Type: Mountain, Passenger 4-8-2

Page 3

Tractive Power	44000 Lbs.	Air Pump	Cross Comp. 8-1/2"
Factor of Adhesion	4.78	Brake Equipment	ET-6
Steam Pressure	200 Lbs.	Superheater	Type "A"
Draft Gear	Brad. Rocker	Feed Water Heater Sellers	" A.F.
Rev. Gear	MM Alco Type "E"	Diameter of Boiler	( Front 71" ( Rear 86"
Fire Box		Tubes	
Length Inside	114-1/8"	Number 2-1/4" Diameter	161
Height Front	82"	" 5-1/2" "	36
" Back	63-1/2"	Length over Tube Sheet	22'
Width Bottom	84-1/4"	Heating Surface	
Syphons	Two	Fire Tubes	3472 Sq.Ft.
Grate Area	66.8 Sq.Ft	Syphons	60 " "
Weights Loaded		Fire Box	280 " "
Weights on Drivers	210500 Lbs.	Total	3812 " "
" Engine Truck	53500 "	Superheat	944 " "
" Trailing "	49000 "	Wheel Base	
" Engine Total	313000 "	Driving	19' 7"
" Tender Loaded	202000 "	Engine	53' 10-2/8"
" Engine & Tender	515000 "	Tender	32' 2-5/8"
" Light Mt.Engine	279400 "	Engine & Tender Overall	87' 0-7/8"
" " " Tender	89100 "	Height Overall	15' 0-3/8"
Tender Capacity		History	
Water Capacity	10,000 Gals.	Built by American Locomotive Works	
Fuel Oil "	4,000 "	Year: 1924	
Diameter of Drivers	73"	Specification Number "A"-11636	
Cylinders		Built at Schenecty, New York	
Diameter	Stroke	For, Florida East Coast Railway	
26"	28"	Engine Numbers, (403-404-405-406-407 (408-410-412-414-415	
		Purchased By Western Pacific R.R.Co.	
		Year: June 1936	
		Engine Numbers (171 to 180 Incl. )	
		Road Class 171	

20 Engines Numbers 1 - 20			
Tractive Power	43300 Lbs.	Factor of Adhesion	4.3
Steam Pressure	190 "	Air Pump 2-11" or 2- 9-1/2"	
Brake Equipment	A-1-SWA	Superheater	Type "A"
Draft Gear	Friction	Tubes	
Weights Loaded		Number 2" Dia. 217 - 5-1/2" Dia. 36	
Weight on Drivers	195000 Lbs.	Length over Tube Sheet	13'- 11"
" " Engine Truck	22000 "	Heating Surface	
" " Engine Total	207000 "	Fire Tubes	2074 Sq.Ft.
Tender Loaded	157000 "	Arch " (*)	15 " "
Engine & Tender	364000 "	Fire Box	217 " "
Light Weight Engine	183000 "	Total	2306 " "
" " Tender	58300 "	Super Heat	733 " "
Fire Box		(*) Arch Tubes 2-3"	Coal Only
Length Inside	121"	Diameter Boiler: Front 80" Back 83-1/4"	
Height Front	80-1/8"	Tender Capacity	
" Back	78-1/2"	Water	8000 Gals.
Width, Top Front	72 "	Oil	3556 "
" " Back	60"	Coal	16 Tons
" Bottom	40 "	Cylinders	
Grate Area	33.6 Sq.Ft.	Piston Valve	11"
History		Diameter	Stroke
Built by Baldwin Locomotive Works		22"	30"
Year:	1906	Wheel Base	
Place: Philadelphia, Pa.		Driving	15'-8"
Specification	No B- 3693	Engine	24'-4"
Owners: The W. P. R. R. Co.		Tender Overall	28'-5-13/16"
Engine Numbers 1 to 20 Incl.		Engine & Tender Overall	68'-4"
Engines for Coal- 11, Oil - 9		Diameter of Drivers	57 "
Road Class	1	Locomotive Height Overall	186"
Symbol	C-43		
Note: Some of Coal Burning Locos. being converted to Oil Burning.			

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: CONSOLIDATION 2-8-0

Page 5

Tractive Power 43300 Lbs.  
 Steam Pressure 190 "  
 Brake Equipment ET-6, WN-2  
 Draft Gear Friction

Weights Loaded

Weight on Drivers 184000 Lbs.  
 " " Engine Truck 19000 "  
 " " " Total 203000 "  
 " " "Tender Loaded 155000 "  
 " " Engine & Tender 358000"  
 Light Weight, Engine 179000"  
 " " Tender 60300"

Fire Box

Length Inside 121"  
 Height, Front 80-1/2"  
 " Back 78-1/2"  
 Width, Top, Front 72"  
 " " Back 60"  
 " Bottom 40"

History

Built by American Locomotive Works

Year: 1909  
 Place Schenecty, New York.  
 Specification: Number A-3920-B  
 Builders Order No S-642, Eng 21-33  
 " " No S-646, Eng 34-65  
 Road Class 21  
 Symbol C-43

Owner

The Western Pacific R.R. Company  
 Engines Nos. 21 to 65 Incl.  
 Engine No 43 Scrapped

Factor of Adhesion 4.24  
 Air Pump 2-11" or 1 - 8-1/2" C.3  
 Super Heater Type "A"  
 Tubes

Number, 2" Dia. 217 - 5-1/2 Dia. 36  
 Length over Tube Sheet 13' 11"  
 Heating Surface

Fire Tubes 2074 Sq.Ft.  
 Fire Box 218 " "  
 Total 2292 " "  
 Super Heat 733 " "  
 Diameter Boiler: Front 80" Back 83-1/4"

Tender Capacity

Water Capacity 8000 Gals.  
 Fuel Oil 3000 "

Cylinders

Piston Valve 11"  
 Diameter Stroke  
 22" 30"

Wheel Base

Driving 15' 8"  
 Engine 24' 4"  
 Tender Overall 30' 4"  
 Engine & Tender Overall 70' 4-3/4"  
 Diameter of Drivers 57"  
 Height Overall 186"

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: PASSENGER 4-6-0

Page 6

Tractive Power	29100 Lbs.	Factor of Adhesion	4.64
Steam Pressure	200 "	Air Pump	One 11"
Brake Equipment	ET-6	Super Heater	Type "A"
Draft Gear	Friction		
Weights Loaded		Tubes	
Weight on Drivers	135000 Lbs.	Number 2" Dia. 212, : 5-1/2"	28
" " Engine Truck	46000 "	Length over Tube Sheet	13' 3-13/16"
" " " Total	181000 "	Heating Surface	
(*) " Tender Loaded	138000 "	Fire Tubes	2017 Sq.Ft.
(*) " Engine & Tender	319000 "	* Syphon	35 " "
" Light Weight Eng	152000 "	Fire Box	193 " "
" " Tender	54000 "	Total	2245 " "
(*) These weights for Oil: For Coal Add 2500 Lbs.		Superheat	568 " "
Fire Box		(*) Syphon not yet applied to all Eng's.	
Length Inside	120-1/8"	Diameter Boiler: Front 70", Back 80"	
Height Front	80"	Tender Capacity	
" Back	61"	Water	6900 Gals.
Width, Top, Front	67"	Fuel Oil	3000 "
" " Back	61"	Coal	14-1/2 Tons
" Bottom	40-1/4"	Cylinders	
Syphons	One	Piston Valve	11"
Grate Area	33.6 Sq. Ft.	Diameter	Stroke
History		21"	26"
Built by American Locomotive Works		Wheel Base	
Year:	1908	Driving	13' 6"
Place:	Dunkirk, New York.	Engine	24' 4"
Specification Number	A-3334-A	Tender Overall	30' 4"
Builders Order Number	B-1169	Engine & Tender Overall	67' 11 3/4"
The Western Pacific R.R. Company		Diameter of Drivers	67"
Engine Numbers 71 - 85 Incl.		Height Overall	186"
Engine No 91 Scrapped			
Engines for Coal 3 : Oil 12			
Road Class	71		
Symbol	TP-29		

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: PASSENGER 4-6-0

Page 7

Tractive Power	29100 Lbs.	Air Pump	One	One - 11"
Factor of Adhesion	4.74	Brake Equipment		ET- 6
Steam Pressure	200 Lbs.	Superheater		Type "A"
<u>Fire Box</u>		Draft Gear		Friction
Length Inside	120-1/8"	Tubes		
Height Front	80 "	Number 2" Dia. 212 : 5-1/2" Dia. 28		
" Back	61 "	Length over Tube Sheet 13' 3-11/16"		
Width Top, Front	67"	Heating Surface		
" " Back	61 "	Fire Tubes	2017 Sq.Ft.	
" Bottom	40-1/4"	Syphon	35 " "	
Syphon	One	Fire Box	193 " "	
Grate Area	33.6 Sq.Ft.	Total	2245 " "	
Diameter Boiler	70"	Superheat	568 Sq.Ft.	
<u>Weights Loaded</u>		Wheel Base		
Weight on Drivers	135000 Lbs.	Driving	13' 6"	
" " Engine Truck	46000 "	Engine	24' 5"	
" " " Total	181000 "	Tender Overall	30' 4"	
" " Tender Loaded	135800 "	Engine & Tender Overall	67' 11-3/4"	
" Engine & Tender	316800 "	Height Overall	186"	
" Light Engine	157700 "	Tender Capacity		
" " Tender	53420 "	Water	7000 Gals	
<u>Cylinders</u>		Oil Fuel	3019 "	
Piston Valve	11"	Coal	14-1/2 Tons	
Diameter	Stroke	Diameter of Drivers	67" "	
21"	26"	<u>HISTORY</u>		
Built by: American Locomotive Co.		The Western Pacific R.R. Company		
Year	1909	Engine Numbers 86 to 106 Incl.		
Place:	Dunkirk, New York	Road Class	86	
Specification Number	A-3921-A	Symbol	TP29	
Builders Order Number	B- 1197	Coal, 7 Engines	92-95-99-101-105-106	
		Oil, 14 "	86-87-88-89-90-93-94-96	
			97-98-100-102-103-104	



Tractive Power	17400 Lbs.
Steam Pressure	150 "
Heating Surface	
Fire Tubes	1528 Sq.Ft.
" Box	131 " "
Total	1629 " "
Weights Loaded	
Weight on Drivers	82500 Lbs.
" Lead Truck	32000 "
Engine Total	114500 "
Tender Loaded	76000 "
Engine & Tender	190500 "
Light Weight Engine	
" " Tender	32000 "
<del>Water Capacity</del>	
Diameter of Drivers	57"
" Boiler Front	57"

HISTORY

Purchased Second Hand by Alameda & San Joaquin Railroad Company.

Engines Numbered A-1, A-2,

Purchased by The Western Pacific Railroad Company, Year 1907

W.P. Engines Numbered 121 & 122

Road Class 121

Symbol TF-17

Engine Number 121 Scrapped

Factor of Adhesion	4.3
Length over Tube Sheet	12'-2"
Number Tubes 2"	240

Fire Box

Length Inside Bottom	87"
Height Front	61"
" Back	53"
Width Top Front	53-3/4"
" Bottom	42-1/2"

Tender Capacity

Water	4000 Gals.
Fuel Oil	1584 "

Wheel Base

Driving Engine	132"
Tender Overall	22'7"
Engine & Tender Overall	56' 4-1/2"
Height of Locomotive Overall	14'-3"

Builder

Built by Richmond Locomotive Works

YEAR: 1896

Place Richmond, Virginia.

Cylinders

Diameter	Stroke
18"	24"

WESTERN PACIFIC RAILROAD COMPANY

Type: Freight 2-6-0

Page 8-A

Tractive Power 14000 Lbs.  
 Steam Pressure 135 "

Factor of Adhesion 4.  
 Spring Buffer, Draft Gear-  
 Miner  
 M.C.B. Climax 755 H Coupler

FIRE BOX

Length Inside 71-11/16"  
 Height Front 49-3/4"  
 Height Back 49-1/4"  
 Width Top Front 41"  
 Width Bottom 34-3/8"

Inside Dia. of Boiler 51-1/2"

HEATING SURFACE

Fire Tubes 835 Sq.Ft.  
 Fire Box 93 " "  
 Total 928 " "

WHEEL BASE

Drivers 120"  
 Engine & Tender Base 44' 5"  
 Length Tender Overall 23' 5"  
 Height Overall 151 1/8"  
 Diam. of Drivers 50"  
 Diam. of Pilot Wheel 26"  
 Main Driving Rod. 64-3/4"

TUBES

No. of Tubes - 2" dia. 167  
 Length over Tube Sheet 120 1/4"

CYLINDERS

<u>DIAMETER</u>	<u>STROKE</u>
16"	24"

WEIGHT LOADED

On Drivers	71300 lbs.
On Engine Trucks	11000 "
Engine Total	82300 "
Engine & Tender	149900 "
Tender Loaded	67600 "
Tender Lt. Wt.	31874 "

TENDER CAPACITY

Water	2800 Gals.
Oil Bottom Tank	624 "
Auxiliary Oil Tank	969 "

HISTORY

Locomotive built by Baldwin Locomotive Works, Phila. Pa.  
 Builder's Order No. 3891  
 Original owner - Boca & Loyalton R.R.  
 Numbered B & L No. 4  
 Purchased from B&L in 1907 by Western Pacific R.R.  
 W.P. Engine No. 123 -  
 Road Class No. 123  
 Symbol E F 14

THE WESTERN PACIFIC RAILROAD COMPANY

Type: Consolidation 2-8-0

Page 9

Tractive Power 23300 Lbs.

Steam Pressure 150 "

Weights Loaded

Weight on Drivers 95000 Lbs.

" " Engine 13000 "

Engine Total 108000 "

Tender Loaded 70000 "

Engine & Tender 178000 "

Light Weight Engine 946000 "

" " Tender 21000 "

Cylinders

Diameter Stroke

19-1/2" 24"

Tender Capacity

Water 4000 Gals.

Fuel Oil 2078 "

Diameter of Drivers 50"

HISTORY

Built by Baldwin Locomotive Works

Year: 1882

Place: Philadelphia, Penn.

Purchased Second Hand by Boca &

Loyalton Railroad Company Dec-1916

Engine Renumbered B&L Number 5

Road & Equipment Purchased by W.P.

Engine Renumbered W.P. No 124

Road Class 124

Symbol C-23 III

Factor of Adhesion 4.6

Tubes

Number 2" Diameter 240

Length over Tube Sheet 11' 4-3/4"

Heating Surface

Tubes 1083 Sq.Ft.

Fire Box 152 " "

Total 1235 " "

Fire Box

Length Inside 118-7/8"

Height Front 53-1/4"

" Back 50-1/2"

Width Top Front 49"

" " Back 47-1/4"

" Bottom 33-1/4"

Diameter of Boiler (I D ) 55"

Wheel Base

Drivers 162"

Engine 21'8"

Tender Overall 23'8"

Engine & Tender Overall 56' 11-3/8"

Height Overall 159"

WESTERN PACIFIC RAILROAD COMPANY

Type: Freight 4-6-0

Page 9-A

Tractive Power  
Steam Pressure

20800 lbs  
160 "

Factor of Adhesion 4.3

FIRE BOX

Length Inside 96"  
Height Front 61 $\frac{1}{4}$ "  
Height Back 56- $\frac{3}{4}$ "  
Width Top Front 44"  
Width Back 44"  
Width Bottom 33- $\frac{7}{8}$ "

TUBES

No. of Tubes 2" diam. 174  
Length over Tube Sheet 142 $\frac{1}{2}$ "

CYLINDERS

<u>DIAMETER</u>	<u>STROKE</u>
18"	24"

HEATING SURFACE

Fire Tubes 1044 Sq.Ft.  
Fire Box 127 " "  
Total 1171 " "

WEIGHT LOADED

On Drivers	72,500 lbs.
On Engine Truck	28,000 "
Engine Total	100,500 "
Engine & Tender	160,500 "
Tender Loaded	60,000 "
Tender Lt. Wt.	20,000 "

WHEEL BASE

Drivers 122"  
Engine & Tender Base 46'6"  
Length Tender Overall 23'7"  
Height Overall 169- $\frac{5}{8}$ "  
Diam. of Drivers 51"

TENDER CAPACITY

Water	3,000 gals.
Fuel Oil	1,926 "

HISTORY

Locomotive built by Pittsburgh Locomotive Works, Pittsburgh, Pa., in November 1888.

Builder's Number - 978

Purchased by Boca & Logalton Ry. and numbered B&L No. 7

Purchased by Western Pacific Railroad in 1917 and numbered W.P. No. 125.

Class No. 125

Symbol T.F. 21

THE WESTERN PACIFIC RAILROAD COMPANY

Page 9-B

Type: Freight 4-6-0

Tractive Power 19,228 Lbs. Factor of Adhesion 4.2  
 Steam Pressure 160 "

FIRE BOX

Length Inside 103"  
 Height Front 53 $\frac{1}{2}$ "  
 Height Back 51"  
 Width Top Front 56"  
 Width Bottom 34-1/4"

TUBES

Number of Tubes 2" Diam. 231  
 Length over Tube Sheet 13'3 $\frac{1}{2}$ "

CYLINDERS

Diameter 18" Stroke 24"

HEATING SURFACE

Fire Tubes 1654 Sq.Ft.  
 Fire Box 124 " "  
 Total 1778 " "  
 Grate Area 24.3 " "

WEIGHT LOADED

On Drivers 92,400 Lbs.  
 On Engine Truck 22,400 "  
 Engine Total 114,800 "  
 Engine & Tender 198,408 "  
 Tender Loaded 83,608 "  
 Tender Lt. Wt. 40,500 "

WHEEL BASE

Drivers 11'8 $\frac{1}{2}$ "  
 Engine & Tender Base 48'11 $\frac{1}{4}$ "  
 Height Tender Overall 9' 3"  
 Height Overall 14' 2 $\frac{1}{2}$ "  
 Diam. of Drivers 55"  
 Diam. of Pony Truck Wheels 30"  
 Diam. of Pony Journal 5 $\frac{1}{2}$ x8"  
 Main Length Driving Rod 123"

TENDER CAPACITY

Water 3,500 Gal.  
 Fuel Oil 1,636 "  
 Engine changes from coal to oil burner May 1918.

HISTORY

Locomotive built by New York Locomotive Works, Rome, N.Y., in February 1891.  
 Original owner Denver & Rio Grande No.549  
 Purchased by Western Pacific R.R. August 1917  
 Number W.P. 127  
 Wheel center changed from 53" to 48", March 29, 1920.  
 Symbol T F 19  
 Class 126

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: PASSENGER 4-8-2

Page 10

Tractive Power 44000 Lbs.  
 Factor of Adhesion 4.78  
 Steam Pressure 200 Lbs.  
 Draft Gear Brad.Rocker  
 Rev. Gear Alco Type "E"

Air Pump 8-1/2" Cross Comp.  
 Brake Equipment ET-6  
 Super Heater Type "A"  
 Feed Water Heater  
 Sellers Type A.F.  
 Diameter of Boiler (Front 77"  
 (Rear 86"

FIRE BOX

Length Inside 114-1/8"  
 Height Front 82"  
 " Back 63-1/2"  
 Width Bottom 84-1/4"  
 Syphons Two  
 Grate Area 66.8 Sq.Ft.

TUBES

Number 2-1/4 Diameter 181  
 " 3-1/2" " 36  
 Length over Tube Sheet 22'

WEIGHTS LOADED

Weights on Drvrs. 210500 Lbs.  
 " on Eng. Truck 53500 "  
 " " Trailing " 49000 "  
 " Engine Total 313000 "  
 " Tender Loaded 202000 "  
 " Eng.& Tender 515000 "  
 " Lt.Wt.Engine 279400 "  
 " " " Tender 89100 "

HEATING SURFACE

Fire Tubes 3472 Sq.Ft.  
 Syphons 30 Sq.Ft.  
 Fire Box 280 " "  
 Total 3812 " "  
 Superheat 944 " "

WHEEL BASE

Driving - 19' 7"  
 Engine - 53' 10-2/8"  
 Tender - 53' 2-5/8"  
 Engine & Tender  
 Overall 87' 0-7/8"  
 Height Overall 15' 0-3/8"

TENDER CAPACITY

Water Capacity 10,000 Gals.  
 Oil " 4,000 "  
 Diameter of Drivers 73"

HISTORY

Built by Amer.Locomotive Works  
 Year 1924  
 Specification Number "A"-11636  
 Built at Schenectady, New York.  
 Originally for Florida East Coast  
 Railway  
 F.E.C.Ry.Nos.(403-404-405-406-  
 407-408-410-412-  
 414-415)

Present Owner

The Western Pacific Railroad Co.  
 Year Purchased by WP RR June 1936  
 Eng.Nos. 171 to 180 Incl.

CYLINDERS

Diameter Stroke  
 26" 28"

DEEP CREEK RAILROAD COMPANY

CONSOLIDATION NO.2-8-0

Page 11

Tractive Power 24160 Lbs.  
 Steam Pressure 151 Lbs.  
 Water Capacity 4300 Gals

Factor of Adhesion 4.12 (Tandem.  
 Spring Buffer, Draft Gear-Miner  
 Coal Capacity - 7 Tons

FIRE BOX

Length Inside 107-5/8"  
 Height Front 62-1/8"  
 Height Back 57-1/8"  
 Width Bottom 33-3/8"  
 Grate Area 24.9 Sq.Ft.

WEIGHT LOADED

On Drivers 99700 Lbs.  
 On Engine Truck 15300 "  
 Engine Total 115000 "  
 Tender Loaded 72000 "  
 Eng.& Tender 187000 "  
 Lt.Wt.Tender 22170 "

HISTORY

Built by Baldwin Loco.Wrks.  
 Year 1890 Philadelphia, Pa.  
 Formerly D.&R.G.W. No.597  
 Symbol C-24  
 Purchased by Deep Creek  
 Railroad Year 1917

TUBES

Number of Tubes-2" diam. - 219  
 Length over Tube Sheet 13'2-1/2"

HEATING SURFACE

Fire Tubes 1515 Sq.Ft.  
 Fire Box 160 Sq.Ft.  
 Total Sq.Ft. 1675

CYLINDERS

<u>Diameter</u>	<u>Stroke</u>
20"	24"

Driving Wheel Diameter - 51"  
 Boiler Inside Diameter - 60"

WHEEL BASE

Driving -	13' 6"
Engine Base -	21' 4"
Engine & Tender Base	50' 2-1/4"
Length Eng.& Tender	61' 2-3/8"
Length Tender	23' 4"
Height Overall	176-1/4"

DEEP CREEK RAILROAD COMPANY

TYPE: 4-6-0

Page 11-A

Tractive Power	19,288 Lbs.	Factor of Adhesion	4.12
Steam Pressure	160 "	Spring Buffer, Draft Gear - Miner	
Water Capacity	3,500 Gal.	Coal Capacity -	9 tons

TUBES

Number of Tubes-2" Diam.-237  
 Length over Tube Sheet 159-1/2"

FIRE BOX

Length Inside 103"  
 Height Front 53-1/2"  
 Height Back 51"  
 Width Bottom 34-1/4"

HEATING SURFACE

Fire Tubes 1,654 Sq.Ft  
 Fire Box 124 " "  
 Total Sq. Ft. 1,778 " "

WEIGHT LOADED

Diameter of Boiler	58"	On Drivers	92,400 Lbs.
		On Engine Trucks	22,400 "
		Engine Total	114,800 "
		Engine & Tender	197,000 "
		Tender Loaded	82,200 "
		Lt.Wt. Tender	35,035 "

WHEEL BASE

Drivers 11' 8 1/2"  
 Engine & Tender Base 51' 3"  
 Tender Overall 24' 8"  
 Height Overall 170 1/2"  
 Diam. of Drivers 55"  
 Engine & Tender Overall 58' 10 1/2"

TENDER CAPACITY

Water 3,500 Gals.  
 Coal 9 Tons

CYLINDERS

<u>Diameter</u>	<u>Stroke</u>
18"	24"

HISTORY

Locomotive built by New York Locomotive Works,  
 at Rome, N.Y. December 1889.  
 Original Owner - Denver & Rio Grande No.543  
 Purchased from D.& R.G. August 1917  
 Numbered Deep Creek No.1.  
 Wheel Center changed from 53" to 48".  
 Symbol T F 18



TIDEWATER SOUTHERN RAILWAY COMPANY

TYPE: 10 Wheel Freight 4-6-0

Page 12

Tractive Power 17625 Lbs.  
 Steam Pressure 160 "  
 Draft Gear, Miner Tandem

Factor of Adhesion 4.67  
 Buffer Spring Type

TUBES

Number 2" Diameter 231  
 Length Over Tube Sheet  
 13'-3-1/2"

HEATING SURFACE

Fire Tubes 1654 Sq.Ft.  
 Fire Box 124 " "  
 Total 1778 " "

WHEEL BASE

Drivers 11'-8-1/2"  
 Engine 19'-2-1/2"  
 Length of Tender  
 overall 21'- 11"  
 " Eng.& Tndr.  
 overall 67'-7-1/2"  
 Diameter Drivers 60"  
 Height Overall 14'-2-1/2"  
 Diameter of  
 Boiler, Front 58"  
 Diameter of  
 Boiler, Back 65-1/2"

HISTORY

Built by: New York Locomotive  
 Works.  
 Place: Rome, New York.  
 Year: 1891  
 Original Owner: Denver &  
 Rio Grande Western.  
 Original Owner No: 543  
 Present Owner: Tidewater  
 Southern R.R.Co.  
 Present Owner No: T.S.1  
 Year Purchases: Sept., 1917  
 Road Class: 126  
 Symbol: TF - 18

FIRE BOX

Length, Inside 103"  
 Height, Front 53-1/2"  
 " Back 51"  
 Width, Top, Front 56"  
 " " Back -  
 " Bottom 34-1/4"  
 Grate Area 24.3 Sq.Ft.

WEIGHTS LOADED

Weight on Drivers 92400 Lbs.  
 " on Engine Truck 22400 "  
 Engine Total 114800 "  
 Tender Loaded 83986 "  
 Eng.& Tender 198786 "  
 Lt.Wt. " 40500 "

TENDER CAPACITY

Water Capacity 3500 Gals.  
 Fuel Oil 1836 "

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Switching 0-6-0

Page 13

Tractive Power	31200 Lbs.	Factor of Adhesion	4.72
Steam Pressure	180 "	Air Pump One	9-1/2"
Water Capacity	6000 Gals.	Brake Equipment	ET-6
Fuel Oil "	2500 "	Draft Gear	Friction

FIRE BOX

Length Inside	108-1/2"
Height Front	70"
" Back	66-3/4"
Width Top Front	62-1/2"
" " Back	62"
" Bottom	41-1/8"

WEIGHTS LOADED

On Drivers	145780 Lbs.
Engine Total	145780 Lbs.
Tender Loaded	121850 Lbs.
Eng.& Tender	267630 Lbs.
Lt.Wt.Engine	128400 Lbs.
Lt.Wt.Tender	51800 Lbs.
Diameter of Drivers	51"

HISTORY

Built by American Locomotive Works  
 Year 1909  
 Location Pittsburg, Pa.  
 Builders Order No. P-610  
 Specification No. A-3919-A

TUBES

Number 2" Diam.	273
Length over Tube Sheet	11' 6"

HEATING SURFACE

Fire Tubes	1632 Sq.Ft.
Fire Box	172 Sq.Ft.
Total	1804 Sq.Ft.

CYLINDERS

Diameter	Stroke
20"	26"

WHEEL BASE

Driving	11' 4"
Length Engine	33' 7-1/4"
" Eng.& Tender	61' 5-1/4"
Diameter of Boiler	73"
Height overall	178"

OWNERS

The Western Pacific Railroad Co.  
 Engine Nos. 151 to 162 Incl.  
 Symbol S-31  
 Class 151

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Switching 0-3-0

Page 14

Tractive Power 34400 Lbs.  
 Steam Pressure 180 "  
 Brake Equipment 6 ET.  
 Draft Gear

Factor of Adhesion 4.6  
 Air Pump One 8-1/2"  
 Superheater Type "A"

HEATING SURFACE

Fire Tubes 1416 Sq.Ft.  
 Fire Box 154 " "  
 Total 1570 " "  
 Superheat 291 " "

TUBES

Number 2" Diameter 182  
 " 5-1/2" " 24  
 Length over Tube Sheet 11'-0"

WEIGHTS LOADED

Drivers 160000 Lbs.  
 Engine Total 160000 "  
 Tender Loaded 102500 "  
 Eng. & Tender 262500 "  
 Lt.Wt. Engine 144000 "  
 " " Tender 50500 "

FIRE BOX

Length Inside 96-3/16"  
 Height Front 71-1/2 "  
 " Back 67-1/2 "  
 Width Top Front 61 "  
 " " Back 61 "  
 " Bottom 38-1/2 "

WHEEL BASE

Driving 138"  
 Diameter of Drvrs. 51"  
 Tender Overall 26'-0-1/4"  
 Tender & Eng. Overall 59'-8-1/2"  
 Height Overall 173-1/2"

CYLINDERS

Piston Valve 12"  
 Diameter Stroke  
 21" 26"  
 Diameter of Boiler 72-5/8"

HISTORY

Built by Amer.Locomotive Co.  
 Year: Engine No.163 1915  
 " " No.164-165-166 1919  
 Place: Schenectady,N.Y.  
 Builders No.: Eng.No.163,  
 S-1108  
 " " : Eng.No. 164-  
 165-166, S-1287  
 Specification Eng.No.163  
 A-7054-G  
 " Eng.No.164 A-7054-H  
 " " " 165 A-7054-H  
 " " " 166 A-7054-H

TENDER CAPACITY

Water Capacity 4500 Gals.  
 Fuel Oil " 2155 "

OWNER

Original Owner U.V.C.Co No.3  
 " " U.V.C.Co  
 No. 86-87-88  
 Present @wner:Western Pacific  
 Railroad Company  
 Year Purchased by W.P.R.R.Co.  
 1927

ENGINE NUMBERS

U.V.C.Co. No.:	W.P.R.R.Co.
9	163
86	164
87	165
88	166
Road Class	163
Symbol	S-34

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mallet Compound 2-6-6-2

Page 15

Tractive Power	80000 Lbs.	Factor of Adhesion	4.42
Steam Pressure	200 "	Air Pump	One 8-1/2"
Brake Equipment	ET-6	Reverse Gear	Alco Type "E"
Superheater	Type "A"	Draft Gear	Friction
Feed Water Heater	Elesco K-50-A	Feed Water Pump	Elesco CFI

WEIGHTS LOADED

Weight on Drivers	355500 Lbs.
" on Eng. Truck	24500 "
" " Trailing "	49000 "
Engine Total	429000 "
Tender Loaded	212680 "
Eng. & Tender	641680 "
Lt. Wt. Engine	377000 "
" " Tender	79700 "

CYLINDERS

Diameter	Stroke
Piston	14"
Front 37"	32"
Rear 23-1/2"	32"

WHEEL BASE

Drivers	10'4"
Engine	49'10"
Center to center, Front	
Driver to Rear Drvr	31'2"
Tender Overall	36'1-1/4"
Eng. & Tender "	97'3-1/2"
Height Overall	15'9-1/2"
Diameter of Drvrs.	57"

OWNERS

The Western Pacific R.R. Co.  
Engines No. 201 to 205 incl.  
Road Class 201  
Symbol: M-80

TUBES

Number 2-1/4" Diameter	235
" 5-1/2" "	36
Length over Tube Sheets	24'-0"
Arch Tubes Four	4'3"

HEATING SURFACE

Fire Tubes	4550 Sq. Ft.
Arch Tubes	26 " "
Fire Box	360 " "
Total	4936 " "
Superheat	1023 " "

FIRE BOX

Length, Inside	108-1/8"
Height, Front	88"
" Back	73-1/2"
Width Bottom	96-1/4"
Grate Area	72.2 Sq. Ft.

TENDER CAPACITY

Water Capacity	12000 Gals.
Fuel Oil "	4000 "

HISTORY

Built by: Amer. Locomotive Co.  
Year: 1917  
Place: Dunkirk, New York  
Specifications: No. A-8546-A  
Builders Order No. B-1444

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mallet Compound 2-6-6-2

Page 16

Tractive Power	80000 Lbs.	Factor of Adhesion	4.46
Steam Pressure	200 "	Air Pump	One 8-1/2"
Brake Equipment	ET-6	Reverse Gear	Alco Type-E
Superheater	Type-A	Draft Gear	Friction
Feed Water Heater	Elesco K-50-A	Feed Water Pump	Elesco CFI

WEIGHTS LOADED

Weight on Drivers	356500 Lbs.
" " Eng. Truck	25500 "
" on Trailing "	47500 "
Engine Total	429500 "
Tender Loaded	207960 "
Eng. & Tender	637460 "
Lt. Wt. Engine	377600 "
" " Tender	77200 "

CYLINDERS

Diameter	Stroke
Back Piston	14"
Front Cyl. 37"	32"
Back " 23-1/2"	32"

WHEEL BASE

Drivers	10'-4"
C to C Front Drvr.	
to Rear Drvr.	31'-2"
Engine	49'-10"
Tender Overall	35'-11-1/4"
Eng. & Ten. "	97'-1-1/2"
Diameter of Drvrs.	57"
Height Overall	15' 9-1/2"

OWNER

The Western Pacific R.R.Co.
Engine Nos. 206 to 210 Incl.
Road Class 206
Symbol M-80

TUBES

Number 2-1/4" Diameter	235
" 5-1/2" "	36
Length over Tube Sheet	24'-0"

HEATING SURFACE

Fire Tubes	4550 Sq.Ft.
Arch "	26 " "
Fire Box	360 " "
Total	4936 " "
Superheat	1051 " "

FIRE BOX

Length Inside	108-1/8"
Height Front	88"
" Back	73-1/2"
Width Bottom	96-1/4"
Grate Area	72.2 Sq.Ft.

TENDER CAPACITY

Water Capacity	12000 Gals.
Fuel Oil "	4000 "

HISTORY

Built by: Amer. Locomotive Co.
Year: 1924
Place: Richmond, Virginia
Specification: No. A-11516
Builders Number R-344

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mallet Simple 2-8-8-2

Page 17

Traction Power 137000 Lbs.  
 " Power with  
 Booster 150900 "  
 Factor of Adhesion Eng. 4.03  
 " " "  
 Eng. & Booster 4.08  
 Steam Pressure 235 Lbs.  
 Draft Gear, Waugh Type 403

Cross Comp Air Pumps 2'8-1/2"  
 Brake Equip. West ET-6  
 Reverse Gear, Alco Type G  
 Throttle, Amer. Multiple  
 Superheater Type A  
 Booster, Franklin Type C-2

FIRE BOX

Length Inside 204-1/2"  
 Height Front 90-1/2"  
 " Back 77-3/4"  
 Width Bottom 102-1/4"  
 Grate Area 145 Sq. Ft.  
 Boiler Diam. Front 104"  
 " " Rear 108-11/16"

FEED WATER HEATERS

Engines, 251, 252 : 253-256  
 Heater, Worth 6-5: Elsco  
 Pump, " 6-5; " K-30-A  
 " " " CF-2

WEIGHTS LOADED

Weight on Drvrs. 552700 Lbs.  
 " on Eng. Truck 43700 "  
 " " Trailing " 63700 "  
 Engine Total 665100 "  
 Tender Loaded 408250 "  
 Eng. & Tender 1073350 "  
 Lt. Wt. Engine 393700 "  
 " " Tender 182300 "

CYLINDERS

Diameter Stroke  
 Front 26" 32"  
 Rear 26" 32"  
 Piston Valves  
 (Front & Rear) 12"

WHEEL BASE

Drvrs (Both Front & Rear) 16'-6"  
 " (Front to Rear Incl) 43'-10"  
 Engine Wheel Base 61'-8"  
 " & Tender 108'-0"  
 Length Overall 120' 4-1/2"  
 Tender Wheel Base 34'0"  
 Diam. of Drvrs. 63"  
 Height Overall (Eng.) 204"

HISTORY

Built by Baldwin Loco. Co.  
 Year: 1931  
 Place: Philadelphia, Penn.  
 Specification No. 31-D-94  
 Builders Order No. 31-D-94  
 Owners: The Western Pacific  
 Railroad Co.  
 Road Class: 251  
 Symbol: M-137-151  
 Engines Numbered 251 to 256  
 Inclusive

TENDER CAPACITY

Water Capacity 22000 Gals.  
 Fuel Oil " 6000 "

TUBES

Number 2-1/4" Diam. 272  
 " 5-1/2" " 75

HEATING SURFACE

Fire Tubes 6141 Sq. Ft.  
 Syphons 217 " "  
 Fire Box 367 " "  
 Combustion Chamber 155 " "  
 Total 6880 " "  
 Superheat 2152 " "

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Freight 2-8-2

Page 18

Tractive Power 80300 Lbs.  
 Steam Pressure 190 "  
 Reverse Gear - Mellin  
 Air Pump One-8-1/2" Cross  
 Compound  
 Brake Equipt. WSTHSE ET-6  
 Stoker-Dupont Simplex  
 Type B.

Factor of Adhesion 4.1  
 Feed Water Heater Elesco K-39-A  
 " " Pump " CFI  
 Draft Gear Miner A-18  
 Superheater Type "A"  
 Boiler Diameter 82"

WEIGHTS LOADED

Wght. on Drivers 241500 Lbs.  
 " " Lead Truck  
 " on Trail " 28000 Lbs.  
 " " Eng. Total 43500 "  
 " Tender Loaded 313000 "  
 " Eng. & Tender 215600 "  
 Lt. Wt. Engine 534600 "  
 " " Tender 275000 "  
 " " Tender 71500 "

FIRE BOX

Length Fire Box Inside  
 Bottom 120-1/8"  
 Length Comb. Chamb. 33"  
 Height Front 89-1/4"  
 " Back 70"  
 Width Bottom 84-1/4"  
 Syphons, Firebox 2,  
 Comb. Chamber 1  
 Arch Tubes Two 3"  
 Grate Area 70.3 Sq. Ft.  
 Water Capacity 12140 Gallons  
 Coal " 21-1/2 Tons

HISTORY

Built by Amer. Locomotive Wks.  
 Year: 1918  
 Specification No. A-9133-A  
 Location: Dunkirk, N.Y.  
 Builders Order No. B-1484

TUBES

Number 2-1/4" Dia. 221  
 " 5-1/2" " 43  
 Length over Tube Sheet 216"

HEATING SURFACE

Fire Tubes 3438 Sq. Ft.  
 Arch " 15 " "  
 Syphons 92 " "  
 Fire Box 288 " "  
 Total 3833 " "  
 Superheat 857 " "

WHEEL BASE

Driving 16'6"  
 Length of Engine 35'11"  
 " Eng. & Tender 73'1"  
 Length Overall 83' 11-7/8"  
 Height " 184-3/8"  
 Diam. of Drvrs. 33"

VARIOUS

Piston Valve 16"  
 Diameter 28" Stroke 30"

OWNERS

The Western Pacific R.R. Company  
 Eng. Nos. 301 to 305 Incl.  
 Symbol No. MK-60  
 Road Class 301

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

Page 19

Tractive Power	60000 Lbs.	Feed Water Heater, Elesco	K-40
Factor of Adhesion	3.98	" " Pump	" CFI
Steam Pressure Lbs.	190	Reverse Gear	Lewis
Air Pump Cross Comp.	One 8-1/2"	Draft Gear	Westhouse. Friction
Super Heater	Type A	Brake Equipment	ET-6
Stoker - Dupont	Simplex		

TUBES

Number 2-1/4" Diameter	247
" 5-1/2" "	45

FIRE BOX

Length Inside Bottom	120-1/8"
" Comb. Chamber	21"
Height Front	90"
" Back	38"
Width Bottom	84-1/4"
Syphons, FRBX.2	
Arch Tubes, 2-3"	
Grate Area	70.3 Sq.Ft.

HEATING SURFACE

Fire Tubes	3978 Sq.Ft.
Arch "	14 " "
Syphons	82 " "
Fire Box	279 " "
Total	4353 " "
Super Heat	993 " "

WEIGHTS LOADED

Wght. on Drvrs.	239000 Lbs.
" on Eng. Truck	24000 "
" " Trailer "	57000 "
Engine Total	320000 "
Tender Loaded	210550 "
Engine & Tender	530550 "
Lt. Wt. Engine	277600 "
" " Tender	71100 "

WHEEL BASE

Drivers	16'-9"
Engine	36'-1"
Tender	23'-6"
Tender Overall	33' 8-3/4"
Eng. & Tender Overall	82' 3-3/8"
Height Overall	186-5/8"
Diam. of Driving Wheels	63"
" Boiler Front	84-1/2"
" " Back	93"

CYLINDERS

Piston Valves	14"
---------------	-----

DIAMETER	STROKE
27"	32"

HISTORY

Built by: Amer. Locomotive Company  
 Year; 1919  
 Place: Schenectady, N.Y.  
 Builders Number S-1268  
 Specification Number 2-A  
 Owners: The Western Pacific Railroad Company.  
 Road Number 306  
 Symbol MK-30  
 Engine Numbered 306 to 310 Incl.

TENDER CAPACITY

Water Capacity	12150 Gals.
Coal "	19 Tons



THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

Page 20

Tractive Power	60300 Lbs.	Feed Water Heater	Elesco	K-39-A
Factor of Adhesion	4.08	" " Pump	"	CFI
Steam Pressure	190 Lbs.	Reverse Gear		Alco
Air Pump Cross Comp.	1 8-1/2"	Draft Gear, Natl. Friction		H-1
Super Heater	Type A,	Brake Equipt.	Westinghouse	ET-6
Stoker - Dupont	Simplex			

WEIGHTS LOADED

<u>FIRE BOX</u>			
Length Inside, Bottom	120-1/8"	Weight on Drivers	246000 Lbs.
" Combustion Chamber	36"	" " Eng. Truck	24500 "
Height Front	89-1/2"	" " Trailing Trk.	52500 "
" Back	65"	Engine Total	323000 "
Width Bottom	84-1/2"	Tender Loaded	213900 "
Syphons, Firebox 2,		Eng. & Tender	536900 "
Combustion Chamber 1		Lt. Wt. Engine	284100 "
Arch Tubes	Two 3"	" " Tender	73400 "
Grate Area	70.3 Sq. Ft.		

CYLINDERS

<u>TUBES</u>			
Number	Diameter		
	2-1/4"	221	
"	5-1/2"	43	
Length over Tube Sheet	18'-0"		

Piston Valve	16"
Cyl. Diameter	Stroke
28"	30"

WHEEL BASE

<u>HEATING SURFACE</u>			
Fire Tubes	5438 Sq. Ft.	Drivers	16'-6"
Arch Tubes	15 " "	Engine	35'-11"
Syphons	92 " "	" & Tender	73'-1-3/4"
Fire Box	284 " "	Tender Wheel Base	26'0"
Total	3829 " "	Tender Overall	35'11"
Super Heat	857 " "	Eng. & Tender Overall	83'10-1/2"
		Height Overall	184-3/8"
		Diam. of Drivers	63"

TENDER CAPACITY

<u>HISTORY</u>			
Built By:	Amer. Loco. Company	Water Capacity	12180 Gals.
Place:	Dunkirk, N.Y.	Coal	19-1/2 Tons
Year:	1921		
Spec. No.:	A-9133-C		
Builders Order No.:	B-1555		
Owner:	The Western Pacific Railroad Company.		
Road Class:	311		
Symbol:	MK-60		
Engines Numbered	311 to 315 Inc.		

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

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Traction Power	60300 Lbs.	Factor of Adhesion	4.1
Steam Pressure	190 "	Feed Water Htr. Elesco	K-39-A
Reverse Gear	Alco Type "E"	" " Pump	CFI
Air Pump Cross Comp.	One	Draft Gear, Bradford Rocker	
	8-1/2"	Super Heater	Type "A"
Brake Equipt.	Westinghouse		
	ET-6		

WEIGHTS LOADED

Wts. on Drivers	246000 Lbs.
" " Lead Truck	24500 "
" " Trail	44500 "
" Engine Total	315000 "
Tender Loaded	191400 "
Eng. & Tender	506400 "
Lt. Wt. Engine	279500 "
" " Tender	77300 "

WHEEL BASE

Drivers Base	16'-6"
Engine "	35'-11"
Tender "	26'-0"
" Overall	35'-11"
Eng. & Tndr. "	83'-10-1/2"
Driver Wheels Diam.	63"
Height Overall	134-3/8"

CYLINDERS

Piston Valves	16"
Diameter	Stroke
28"	30"

HISTORY

Built By: Amer. Loco. Company.  
 Year: 1923  
 Place: Dunkirk, New York  
 Builders No.: B-1597  
 Spec. Number: A-9133-E  
 For: The Western Pacific  
 Railroad Company  
 Road Class: 316  
 Symbol: MK-60  
 Number of Engines: Six  
 Engine Numbers: 316 to 321 Inc.

TUBES

Number of 2-1/4" Diam.	221
" " 5-1/2" "	43
Length, over tube sheet	216"

HEATING SURFACE

Fire Tubes	3438 Sq. Ft.
Arch Tubes	15 " "
Syphons	92 " "
Fire Box	284 " "
Total	3829 " "
Super Heat	857 " "

FIRE BOX

Length Inside, Bottom	120-1/8"
" Comb. Chamber	36"
Height Front	89-1/2"
" Back	65"
Width Bottom	84-1/4"
Syphons, Fire Box	2
" Comb. Chamber	1
Arch Tubes	Two 3"
Grate Area	70.3 Sq. Ft.
Boiler Diam. Front	I. Dia 82"
" " Back	" " 96"

TENDER CAPACITY

Water Capacity	10000 Gals
Fuel Oil "	4000 "

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

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Tractive Force Without  
 Booster 60300 Lbs.  
 " Force With Booster  
 71300 "  
 Steam Pressure 190 "  
 Feed Water Htr. Elesco K-39-A  
 " " Pump " CFI  
 Brake Equipt. Westinghouse  
 ET-6  
 Air Pump, Cross Comp. One  
 8-1/2"

Factor of Adhesion(Eng.) 4.1  
 " " " with Booster 4.24  
 Draft Gear Bradford Rocker  
 Super Heater Type "A"  
 Booster " C-I  
 Reverse Gear Alco " "E"

TUBES

Number 2-1/4" Diam. 221  
 " 5-1/2" " 43  
 Length over Tube Sheet 18'-0"

FIRE BOX

Length Inside, Bottom 120-1/8"  
 " Comb. Chamber 33"  
 Height Front 89-1/2"  
 " Back 65"  
 Width Bottom 84-1/4"  
 Syphons, Firebox Two  
 " Comb. Chamber One  
 Arch Tubes Two 3"  
 Grate Area 70.3 Sq. Ft.

HEATING SURFACE

Fire Tubes 3438 Sq. Ft.  
 Arch Tubes 15 " "  
 Syphons 92 " "  
 Fire Box 284 " "  
 Total 3829 " "  
 Superheat 857 " "

WEIGHTS LOADED

Wt. on Drivers 245000 Lbs.  
 " " Eng. Truck 24500 "  
 " " Trailer " 57500 "  
 " " Eng. Total 327000 "  
 " " Tndr. Loaded 191600 "  
 " " Eng. & Tndr. 518600 "  
 " " " , Light 291200 "  
 " " Tender " 78500 "

WHEEL BASE

Drivers 16'-6"  
 Engine 36'-3"  
 Tender 26'-0"  
 " Overall 35'-11"  
 Eng. & Tndr. Overall 83'-11-1/2"  
 Driver Wheel Diam. 63"  
 Height Overall 184-3/8"  
 Boiler Diam. Inside Front 82"  
 " " Outside Back 96"

HISTORY

Builder: Amer. Loco. Company.  
 Year: 1924  
 Place: Dunkirk, New York.  
 Builders Order No. B-1341  
 Specification No. A-11515  
 For: The Western Pacific  
 Railroad Company.  
 Engines Numbered 322 to 326  
 Inclusive  
 Road Class: 322  
 Symbol Number: MK-60-71

TENDER CAPACITY

Water Capacity 10000 Gals.  
 Fuel Oil " 4000 "

CYLINDERS

Piston Valve 16"  
 Diameter 28" Stroke 30"

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

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Tractive Power Without	Factor of Adhesion	4.1
Booster 60500 Lbs.	" of Adhesion Eng. & Boost.	4.28
" Power With	Steam Pressure	190 Lbs.
Booster 71200 "	Draft Gear, Westinghouse	N-11
Feed Water Htr. Elesco K-39-A	Brake Equip. "	ET-6
" " Pump " CF-1	Super Heater	Type "A"
Reverse Gear Alco Type "E"	Booster, Franklin	C-2
Air Pump Cross Comp. One		
8-1/2"		

WEIGHTS LOADED

Wt. on Drivers	247500 Lbs.
" " Lead Truck	25000 "
" " Trailer "	57500 "
" " Eng. Total	330000 "
" " Tndr. Loaded	284000 "
" " Eng. & Tndr.	594000 "
" " " , Light	293800 "
" " Tndr. "	111000 "

WHEEL BASE

Drivers	16'08"
Engine	33'-3"
Tender	25'-5"
" Overall	35'-10-3/4"
Eng. & Tndr. "	83'-11-3/8"
Driving Wheel Diam.	63"
Eng. Height Overall	184-3/8"

TENDER CAPACITY

Water Capacity	15000 Gals.
Fuel Oil "	4000 "

HISTORY

Builder: American Loco. Company  
 Year: 1926  
 Place: Schenectady, New York  
 Owners: The Western Pacific  
         Railroad Co.  
 Engines Numbered 327 to 331  
                     Incl.  
 Road Class 327  
 Symbol MK-60-71  
 Builders Spec. No.: A-11989  
     " Order No.: S-1539

FIRE BOX

Length Inside, Bottom	120-1/8"
" Combustion Chamber	36"
Height Front	89-1/2"
" Back	65"
Width Bottom	84-1/4"
Syphons, Firebox	2
" Combustion Chamber	1
Arch Tubes Two	3"
Grate Area	70.3 Sq. Ft.

TUBES

Number 2-1/4" Diam.	213
" 5-1/2" "	45
Length over Tube Sheets	216"

HEATING SURFACE

Fire Tubes	3407 Sq. Ft.
Arch "	15 " "
Syphons	92 " "
Fire Box	284 " "
Total	3798 " "
Super Heat	973 " "

PISTONS

Piston Valves	14"
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CYLINDERS

Diameter	Stroke
28"	30"
Diameter Boiler, Inside Front	82"
" " Outside Back	96"

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE: Mikado 2-8-2

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Tractive Power Without  
 Booster 60300 Lbs.  
 " Power With " 71300 "  
 Feed Water Htr. Elesco K-39-A  
 " " Pump " CF-I  
 Reverse Gear, Alco Type "G"  
 Air Pump, Cross Compound One  
 8-1/2"

Factor of Adhesion, Eng. 4.1  
 " " " Booster & Eng. 4.3  
 Steam Pressure 190 Lbs.  
 Draft Gear, Miner A-79XB  
 Brake Equipt. Westinghouse ET-3  
 Super Heater Type "A"  
 Booster, Franklin C-2

WEIGHTS LOADED

Wt. on Drivers 249000 Lbs.  
 " " Lead Truck 25500 "  
 " " Trailing Trk. 57500 "  
 Engine Total 332000 "  
 Tender Loaded 267000 "  
 Eng. & Tender 599000 "  
 Lt. Wt. Engine 296400 "  
 " " Tender 114300 "

WHEEL BASE

Drivers 16'-6"  
 Engines 36'-3"  
 Tender 25'-5"  
 " Overall 35' 10-3/4"  
 Eng. & Tender 83' 11-3/8"  
 Height of Eng. Overall 184-3/8"  
 Diam. of Drivers 63"

CYLINDERS

Piston Valve 14"  
 Diameter 28" Stroke 30"

HISTORY

Builder: Amer. Loco. Company  
 Year: 1929  
 Place: Schenectady, New York  
 For: The Western Pacific R.R.  
 Spec. No.: A-11989-A  
 Builders No.: S-1647  
 Road Class: 332  
 Symbol: MK-60-71  
 Engines Numbered 332 to 336  
 Incl

FIRE BOX

Length Inside Bottom 120-1/8"  
 " Combustion Chamber 36"  
 Height Front 89-1/2"  
 " Back 65"  
 Width Bottom 84-1/4"  
 Syphons, Fire box 2  
 " Combustion Chamber 1  
 Arch Tubes 3" 2  
 Grate Area 70.3 Sq. Ft.

TUBES

Number 2-1/4" Diam. 213  
 " 5-1/4" " 45  
 Length over Tube Sheet 216"

HEATING SURFACE

Fire Tubes 3407 Sq. Ft.  
 Arch " 15 " "  
 Syphons 92 " "  
 Fire Box 284 " "  
 Total 3798 " "  
 Superheat 973 " "  
 Diam. of Boiler,  
 Front Inside 82"  
 Diam. of Boiler,  
 Back Outside 96"

TENDER CAPACITY

Water Capacity 15000 Gals.  
 Fuel Oil " 4000 "  
 Diam. of Driving Wheels 63"  
 Main Drive Rod 124"

THE WESTERN PACIFIC RAILROAD COMPANY

TYPE 4-6-6-4

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Tractive Power 99,600 Lbs. Factor of adhesion 4  
 Driving Wheel Dia. 70 Inches

	<u>Cylinders</u>		<u>Fire-box</u>	
<u>Diameters</u>		<u>Stroke</u>		<u>Length</u>
22"		32"		213-1/16
				<u>Width</u>
				108-1/4

	<u>Boiler</u>		<u> Tubes</u>	
<u>Inside Diam.</u>		<u>Pressure</u>	<u>Diameter</u>	<u>Length</u>
96-3/8"		265 Lbs.	222	23'
			60	23'
			2-1/4"	
			5-1/2"	

	<u>Wheel Base</u>		<u>Weights in Working Order</u>	
Driving	12'-2"	12'-2"	Leading	73,500 Lbs.
Engine		59'-11"	Driving	399,000 "
Engine & Tender		106'-6 1/2"	Trailing	112,500 "
			Engine	590,000 "
			Tender	401,500 "

	<u>Heating Surface</u>		<u>Superheating Surface</u>
Tubes	2,995 Sq. Ft.		
Flues	1,979 " "	1,724 Sq. Ft.	
Firebox	541 " "		
Syphons	151 " "	Grate Area: 108.2 Sq. Ft.	
Total	5,666 " "		

Tender Type, 12-wheeled

	<u>Tender Capacity</u>
Water	22,000 Gal.
Coal	25 Tons

History

Built by American Locomotive Co.  
 Built at Schenectady, New York  
 Date February 1938  
 Spec. No. 4664-S-590  
 Order No. S-1775  
 Built for Western Pacific RR Co.  
 Road No. 402  
 Engines numbered 401 to 407 Incl.  
 Class: 4-cylinder simple 4664-S-590