



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER.P-1911, GR-5
VAL. GR. L-50.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class P-1 I. C. C. Class 4-6-0 Service Passenger Number 232

LOCOMOTIVE DATA

Original Number 232
Renumbered from _____ to _____ Date _____
" " " " " " " "
Builder Schenectady Loco. Works Builders No. 5121
Date Built, Month June Year 1899
From whom purchased Schenectady Loco. Works
Purchased New or Second Hand New Date 6-30-99
Authority No. _____ Voucher No. _____ Reqn. No. _____
Receiving Station St. Paul, Minn. Date 7-11-99
Setting up Shop Brainerd, Minn.
Boiler Type Ext. Wagon Top, Radial Stay O. D. First Ring 62 1/2"
Flues, No. 312 Outside Dia. 2" Length 14'0"
Steam Pressure, Maximum 200 lbs. Working 200 lbs.
Firebox, Type Narrow Length 108 3/16"
Width, Top 61" Bottom 41"
Height, Front 76 1/2" Back 64 1/2"
Grate Area 30.8 sq. ft. Oil Burner, Type _____ Size _____
Combustion Chamber, Length None
Arch Tubes, No. 4 Size 3"
Superheater, Kind None
Feedwater Heater, Kind None Reheater, Kind None
Heating Surface Tubes 2,272 sq. ft. Flues --
Firebox 171 sq. ft. Arch Tubes 29 sq. ft.
Superheating -- Total Equivalent 2,472 sq. ft.
Cylinders H. P., Dia., 20" L. P. Dia., -- Stroke 26"
Drivers—Dia. over New Tires 73"
Driving Wheel Centers, Kind Cast Steel Dia. 66"
Wheels, Leading Truck, Kind Steel Tired Dia. 33"
Wheels, Trailing Truck, Kind None Dia. _____
Wheel Base, Rigid 14'10" Total 25'10"

Weight on Drivers 115,900 lbs.
Weight of Engine, Working Order 154,900 lbs. Light 137,100 lbs
Tractive Power I. C. C. Formula 24.2
TENDER, Type U-Shape Number 3-C-17
(Tender shown is one purchased with this locomotive)
Capacity, Water, Gals. 4,350 Oil, Gals. -- Coal, Tons 9
Underframe, Kind Steel End Sills, Kind Wood
Wheels, No. 8 Kind 1 pr S.T. 3 pr B. Dia. 33"
Journals, Size 4 1/4" x 8" Trucks, Kind Arch Bar
Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
Weight, Light 38,200 lbs. Loaded 92,450 lbs.
Weight Engine and Tender, Light 175,300 lbs. Loaded 247,350 lbs.
APPURTENANCES
Headlights, No. 1 Kind Pyle Electric
Main Valve, Kind Piston Dia. (If piston) 10"
Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equalized
Air Brake Equipment, Kind Westinghouse Schedule A-1, PL-1012
Air Pumps, No. 1 Make Westinghouse Size 9 1/2"
Air Reservoirs, No. 2 Size 22 1/2" x 41"
Train Signals, Kind West. Air Sanders, Kind Leach-D & Hand
Stoker, Kind None Power Reverse, Kind None
Flange Lubricators, Kind None
Pneumatic Fire Doors, Kind None
Automatic Bell Ringers, Kind Gollmar
Couplers, Kind, Engine Sharon 6" x 6" Tender Tower 5" x 5"

FINAL DISPOSITION

By Dismantled Place _____Date 3-1-29

Original Cost F. O. B. Chicago, Ill. 11 670 09
 Receivership Value
 Designing and Engineering
 Inspection during Construction 41
 Inspection of Material
 Messenger Service
 Setting up and breaking in (83 99
 Miscellaneous, Tools, etc. (
 Freight paid from Chicago to St. Paul 60 00
 Total 11 814 49

ENG. REPORT \$13,666.00

DEPRECIATION { ENG. = 85.5% = 11,684.43
 TEND. = 14.5% = 1,981.57

DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS NP232
 { Receivership Value }

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Cost or Value
846-11	5-15	Safety appliances	7 41
879-16	8-29	Air brakes	67 61
925-16	11-17	Back stop on pilot step	1 43
5079-21	5-21-22	Water frame Hook on Tender	17 41
5108-23	8-25	Bl. in blue Hand signs	2 12
5162-25	8-25	Sound portion retired	-
5111-23	1-26	Bl. 169 Handholds on Sound Dome Adj. for 879-16	1 59 < 297 >
5615-29		Retirement adj.	< 1714.84 >
5000-29	3-29	Retired, Eng. portion	< 10392.01 >
5677-29		Retirement adj.	297
5092-28	7-28	Bl. 113 Wind shield	484
5007-32		Retirement adj.	< 484 >

DEPRECIATION R+E - ENGINE			DEPRECIATION R+E - TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10 101 39	E.R.	O.C.	1713.10
	846-11	741	O.S.	5079-21	1.74
	879-16	6761		5015-29	< 1714.84 >
O.S.	925-16	143			
E.R.	5158-23	212 58			
O.S.	5111-23	1 59			
E.R.	879-16 Adj.	< 297 >			
O.S.	5000-29	< 10392.01 >			
E.R.	5077-29	297			
O.S.	5092-28	484			
	5007-32	< 484 >			

FINAL DISPOSITION

By	Place	Date
Total Cost based on { Original Cost Receivership Value }		
Salvage		
Accrued Depreciation		
Amount Charged to Retirements		