



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

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

Form 7310 RP

Northern Pacific Ry. Co's Class P-1 I. C. C. Class 4-6-0 Service Passenger Number 210

LOCOMOTIVE DATA

Original Number 210  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 Builder Schenectady Loco. Works Builders No. 5123  
 Date Built, Month July Year 1899  
 From whom purchased Schenectady Loco. Works  
 Purchased New or Second Hand New Date 7-18-99  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 7-28-99  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Est. Wagon Top, Radial Stay O. D. First Ring 62 1/2"  
 Flues, No. 22 ~~156~~ 26 Outside Dia. 2" x 5 3/8" Length 14 1/2" x 8"  
 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 ~~None~~ SCHMIDT  
 Feedwater Heater, Kind None Reheater, Kind None  
 Heating Surface Tubes 2,974 sq. ft. Flues 497 --  
 Firebox 172 1/2 sq. ft. Arch Tubes 29 sq. ft. 2393  
 Superheating 391 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 <sup>118500</sup> ~~116,999~~ 118,500 lbs.  
 Weight of Engine, Working Order <sup>158400</sup> ~~154,900~~ 158,400 lbs. Light <sup>147000</sup> ~~137,100~~ 147,000 lbs.  
 Tractive Power I. C. C. Formula 24.2  
 TENDER, Type U-Shape Number 3-C-43  
 (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 Cast Iron Dia. 33"  
 Journals, Size 4 1/2" 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 ~~175,900 lbs.~~ 181,200 (shop) Loaded ~~347,350 lbs.~~ 250,750  
 APPURTENANCES  
 Headlights, No. 1 Kind Pyle - Electric  
 Main Valve, Kind Piston Dia. (If piston) 10"  
 Valve Gear, Kind Stephenson Driver Brake, Kind Eq. 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 20 1/2" x 41"  
 Train Signals, Kind West. Air Sanders, Kind Leach-D-2 Double ~~Hand~~  
 Stoker, Kind None Power Reverse, Kind None  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind None  
 Couplers, Kind, Engine Tower 6" x 6" Tender Sharon 5" x 5"

NOTE: INK FIGURES EFFECTIVE 8-1925.

FINAL DISPOSITION

By Retired Place \_\_\_\_\_ Date July 1936

Original Cost F. O. B. Chicago, Ill.	12	110	37
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in		102	95
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		60	00
Total	12	273	36

ENG'R. REPORT 13,666.00 DEPRECIATION ENGINE 8 1/2% = 11,684.43  
 TENDER 14 1/2% = 1,981.57  
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS NP 210  
 { Receivership Value }

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety appliances	7 42
879-16	5-21	Air brakes	67 61
925-16	6-17	Back stop on pilot step	1 43
5063-20	3-29-23	AL-169 Hand Holes on Sand Drums	1 74
5104-24	8-30-24	AL-165 Cab Heater	23 06
5108-23	8-1-23	BL-64 Electric Hand Light	2 12 58
5073-22	6-20	AL-91 Independent Air	1 300 51
5119-25	1-25	AL-33 Straight-Air Brake	87 90
5065-24	2-26	AL-13 Air Reservoirs (CRANKED)	166 96
5167-24	2-25	AL-74 Pneumatic Tandem	88 28
5005-25	7-26	AL-181 Spring Gauge Holder	1 58
		AL-184 Spring Box Brackets	2 01

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	10,493.69		E.R.	O.C.	1,779.63
		846-11	7 42		0.3	5134-26	- - -
		5158-23	212.58			5015-29	<1,779.63>
	0.3	925-16	1.43				
		5063-20	1.74				
		5104-24	23.06				
		5040-25	1,300.51				
		5073-22	87.90				
		5119-25	166.96				
		5065-24	88.28				
		5164-24	1.58				
		5005-25	8.01				
		5098-24	115.96				
		5092-28	4.84				
		5055-36	<12,513.91>				

FINAL DISPOSITION

5134-26	12-24-26	Tender positive release				
5098-24	8-25	BL-48 Eccentric Straps	115 96	Order 3		
5015-29		Retirement adj.	<1,779.63>			
5092-28	12-28	AL-183 Wind Shields	4 84			
5055-36	8-12-36	ENGINE PARTITION DISM.	<12,513.91>			
Total Cost based on { Original Cost } Salvage				Place Date		
{ Receivership Value }				Accrued Depreciation		
Amount Charged to Retirements						