



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 228

LOCOMOTIVE DATA

Original Number 228
Renumbered from _____ to _____ Date _____
" " " " " " " "
Builder Schenectady Loco. Works Builders No. 25841
Date Built, Month May Year 1902
From whom purchased Schenectady Loco. Works
Purchased New or Second Hand New Date 5-9-02
Authority No. 888-01 Voucher No. _____ Reqn. No. _____
Receiving Station St. Paul, Minn. Date 5-19-02
Setting up Shop Brainerd, Minn.
Boiler Type Ext. Wagon Top, Radial Stay O. D. First Ring 62 1/4"
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-14
(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 1/4" x 8" Trucks, Kind Arch Bar
Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
Weight, Light 175,300 lbs. 38200 Loaded 247,350 lbs. 97450
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, S.W.A.
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 N.P. & Hand
Stoker, Kind None Power Reverse, Kind None
Flange Lubricators, Kind _____ None _____
Pneumatic Fire Doors, Kind _____ None _____
Automatic Bell Ringers, Kind _____ Crosby _____
Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By Disassembled Place So. Tacoma Date 5-30

Original Cost F. O. B. Chicago, Ill.	15	139	91	ENG. REPORT #13,666.00	DEPRECIATION	{ ENG. = 65.5% 11,684.43 TEND. = 14.5% 1,981.57
Receivership Value				DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS		
Designing and Engineering				Receivership Value } NP 228		
Inspection during Construction						
Inspection of Material						
Messenger Service						
Setting up and breaking in		121	23	Cost or Value		
Miscellaneous, Tools, etc.						
Freight paid from Chicago to St. Paul		69	97			
Total	15	327	11			

ADDITION AND BETTERMENT				DEPRECIATION R + E - ENGINE			DEPRECIATION R + E - TENDER			
A. F. E. No.	Date	Description	Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
846-11	5-15	Safety appliances	7 41	E.R.	O.C.	13,104.68		E.R.	O.C.	2,222.43
879-16	H-26 Jan 18/8	Air brakes	67 61		846-11	7 41		O.S.	5071-30	< 2,222.43 >
925-16		Back stop on pilot step	1 43		879-16	67 61				
5722-24	4-15-25	AL-13 Air Reservoirs	173 24		O.S.	925-16	1 43			
5102-27	7-28	AL-184. Blow pipe fittings	8 73			5122-24	173 24			
5092-28	7-28	AL-183. Wind Shields	4 84		E.R.	5158-23	212 58			
5071-30	6-30	Retired (Eng. Portion)	< 13,690.26 >		O.S.	5111-23	1 59			
5007-32		Retirement adj.	< 484 >		E.R.	899-16 ADJ	< 297 >			
					O.S.	5098-24	115 96			
						5102-27	8 73			
						5092-28	4 84			
						5071-30	< 13,690.26 >			
						5007-32	< 484 >			

FINAL DISPOSITION				By	Place	Date
5071-30	6-30	Retired (Eng. Portion)	< 13,690.26 >			
		" Tender portion	< 2,222.43 >			
5007-32		Retirement adj.	< 484 >			
Total Cost based on				Original Cost		
				Receivership Value		
Salvage						
Accrued Depreciation						
Amount Charged to Retirements						