



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-191, GR-5.
VAL. GR. L-50.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class P-2 I. C. C. Class 4-6-0 Service Passenger Number 243

LOCOMOTIVE DATA

Original Number 243

Renumbered from _____ to _____ Date _____

Builder Schenectady Loco. Wks. Builders No. 5927.Date Built, Month May Year 1901.From whom purchased Schenectady Loco. Wks.Purchased New or Second Hand New Date 5-11-01.

Authority No. _____ Voucher No. _____ Reqn. No. _____

Receiving Station St. Paul, Minn. Date 5-20-01.Setting up Shop Brainerd, Minn.Boiler Type Ext. wagon top, rad. stay O. D. First Ring 62 1/2"Flues, No. 26+156 322 Outside Dia. 2" + 5 3/8" Length 240" 138"Steam Pressure, Maximum 200# Working 200#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 NoneArch Tubes, No. 4 Size 3"Superheater, Kind None SCHMIDTFeedwater Heater, Kind None Reheater, Kind NoneHeating Surface Tubes 2,272 sq. ft. Flues 497Firebox 1727 sq. ft. Arch Tubes 29 sq. ft. 2393.Superheating 391 sq. ft. Total Equivalent 2,472 sq. ft.Cylinders H. P., Dia., 20" L. P. Dia., _____ Stroke 26"Drivers—Dia. over New Tires 69"Driving Wheel Centers, Kind Cast Steel Dia. 62"Wheels, Leading Truck, Kind Steel Tired Dia. 33"

Wheels, Trailing Truck, Kind _____ Dia. _____

Wheel Base, Rigid 14'10" Total 25'10"Weight on Drivers 118500 ~~115,900~~ lbs. 15840. ~~14060.~~Weight of Engine, Working Order ~~154,900~~ lbs. Light ~~137,100~~ lbs.Tractive Power I. C. C. Formula 25.6TENDER, Type U-Shape, Number 3-C-45

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 4,350 Oil, Gals. _____ Coal, Tons 9Underframe, Kind Steel End Sills, Kind WoodWheels, No. 8 Kind Cast Iron Dia. 33"Journals, Size 4 1/2" x 8" Trucks, Kind Arch BarAir Brake Cylinder, Size 10" x 12" Coal Pusher, Kind NoneWeight, Light 38,200 lbs. Loaded 92,450 lbs.Weight Engine and Tender, Light ~~175,300~~ lbs. Loaded ~~247,350~~ lbs.APPURTENANCES 178800 250850Headlights, No. 1 Kind Pyle - ElectricMain Valve, Kind Piston Dia. (If piston) 10"Valve Gear, Kind Stephenson Driver Brake, Kind Amer. Equal.Air Brake Equipment, Kind Westinghouse Schedule A-1, SWA.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 E & HandStoker, Kind None Power Reverse, Kind NoneFlange Lubricators, Kind NonePneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind GollmarCouplers, Kind, Engine Tower 6" x 6" Tender Sharon 5" x 5"

NOTE: INK CHANGES EFFECTIVE 1-24-24.

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	13	793	82
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(116	82
Miscellaneous, Tools, etc.	(
Freight paid from Chicago to St. Paul		70	00
Total	13	980	64

ENG'R REPORT 13,666.00 DEPRECIATION

ENGINE 8 5/2% = 11,684.43
TENDER 14 1/2% = 1,981.57

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP243

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety appliances	6 20
849-16	3-21	Air brakes	67 67
925-16	9-17	Back stop on pilot step	1 43
5074-22	1-21-24	2 Air Res. at 2 Reservoirs In	170 56
5070-23	1-24-24	AL 91 Superheater	1613 76
5111-23	1-12-24	AL 169 Handholds on Land Down	1 59
5116-28	1-28	Pilot's Chair	
5098-24	1-24	BL 48 Eccentric Straps	115 96
5100-27	1-28	AL 137 Auto Clamping Flgs	8 82
5047-28	5-28	Tender portion retired	<1957 29>
5092-28	11-28	AL 713 Hand Shields	4 84
5114-30	3-31	AL 74 Pneumatic Fire door	64 92
5028-33	5-34	AL 177 SPARK ARRESTER	241 76
5067-41	10-6-41	ENGINE PORTION DISM.	<14477 95>

DEPRECIATION R+E ENGINE			DEPRECIATION R+E -TENDER		
Rate	Period	Amount	Rate	Period	Amount
		12023 35 + 86% + 14% →			1957.29
E.R.	O.C.	4953.45	E.R.	O.C.	2077.19
	831-09	224.76	O.B.	5047-28	<1957 29>
	846-11	6.20			
O.B.	925-16	1.43			
	5074-22	170.56			
	5070-23	1613.76			
	5111-23	1.59			
	5098-24	115.96			
	5100-27	8.82			
	5092-28	4.84			
	5114-30	64.92			
	5028-33	241.76			
	5067-41	<14477.95>			

FINAL DISPOSITION

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