



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-2I. C. C. Class 4-6-0Service Passenger Number 248

## LOCOMOTIVE DATA

Original Number 248

Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_

" " " " " "

Builder American Loco. Co. Builders No. 25659.Date Built, Month Mar. Year 1902.From whom purchased American Loco. Co.Purchased New or Second Hand New Date 3-28-02.

Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_

Receiving Station St. Paul, Minn. Date 4-8-02.Setting up Shop Brainerd, Minn.Boiler Type Ext. wagon top, rad. stay O. D. First Ring 62 1/2"Flues, No. 156 + 26 3/4 Outside Dia. 2" + 5 3/8" Length 34 + 0" 13' 8"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 172 3/4 sq. ft. Arch Tubes 29 sq. ft. 2,397Superheating 391 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 <sup>118500</sup> ~~115,500~~ lbs. 158400Weight of Engine, Working Order 154,900-lbs. Light <sup>140600</sup> ~~137,100~~ lbs.Tractive Power I. C. C. Formula 25.6TENDER, Type U-Shape, Number 3-C-19

(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 <sup>178800</sup> ~~175,300~~ lbs. Loaded <sup>250850</sup> ~~247,350~~ lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle - ElectricMain Valve, Kind Piston Dia. (If piston) 10"Valve Gear, Kind Stephenson Driver Brake, Kind Am. 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 Sharon 6" x 6" Tender Sharon 5" x 5"NOTE: INK CHANGES EFFECTIVE 11-19-21.

## FINAL DISPOSITION

By W.J.M. Place \_\_\_\_\_ Date Jan 26

Original Cost F. O. B. Chicago, Ill.	15	600	00
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(	103	07
Miscellaneous, Tools, etc.	)		
Freight paid from Chicago to St. Paul		70	00
Total	15	773	07

**ENG'R. REPORT 13,666.00**  
 DEPRECIATION **ENGINE 85 1/2% = 11,684.43**  
**TENDER 14 1/2% = 1,981.57**  
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS **NP 248**

**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
925-16	8-17	Back stop on pilot step	1 43
5137-24	3-21-25	AL-165 cab. Heater	26 68
5122-24	3-21-25	AL-13 Air Reservoirs	173 25
5067-20	11-19-21	AL-91 Superheater	1932 00
5111-23	5-19-25	AL-169 HAND HELD ON SAND PANE	1 59
5005-25	8-27	BL-184 SMALLER BY BUSHING FITTINGS	8 01
5098-24	3-25	BL-48 ECCENTRIC STRAPS	115 96
5092-28	10-28	AL-183 Wind Shields	4 84
5003-30	5-30	AL-204 SIGNAL KIT	2 05
5122-36	12-26-36	ENGINE PORTION DISM.	(15982 74)
5020-47	5-14-47	TENDER DISM.	(2287 10)

DEPRECIATION - R+E - ENGINE			DEPRECIATION - R+E - TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	13,485.97	E.R.	O.C.	2,287.10
	831-09	224.76		5020-47	(2287.10)
	846-11	6.20			
O.3.	925-16	1.43			
	5137-24	26.68			
	5122-24	173.25			
	5067-20	1932.00			
	5111-23	1.59			
	5005-25	8.01			
	5098-24	115.96			
	5092-28	4.84			
	5003-30	2.05			
	5122-36	(15982.74)			

**FINAL DISPOSITION**

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_

Total Cost based on { Original Cost / Receivership Value } \_\_\_\_\_

Salvage \_\_\_\_\_

Accrued Depreciation \_\_\_\_\_

Amount Charged to Retirements \_\_\_\_\_