



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911 GR-11.  
VAL. GR. L-56.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class S-1 I. C. C. Class 4-6-0 Service Freight Number 137

## LOCOMOTIVE DATA

Original Number 193  
 Renumbered from 193 to 137 Date \_\_\_\_\_  
 " " " " " "  
 Builder Schenectady Loco. Wks. Builders No. 5141  
 Date Built, Month Aug. Year 1899  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 8-5-1899  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 8-14-1899  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Ext. Wagon top, rad. stay O. D. First Ring 70"  
 Flues, No. 376 Outside Dia. 2" Length 14'2"  
 Steam Pressure, Maximum 200 lbs. Working 200 lbs.  
 Firebox, Type Narrow Length 120-3/16"  
 Width, Top 65" Bottom 41"  
 Height, Front 84" Back 71 1/2"  
 Grate Area 34.2 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 \_\_\_\_\_  
 Heating Surface Tubes 2,776 sq. ft. Flues \_\_\_\_\_  
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.  
 Superheating \_\_\_\_\_ Total Equivalent 3,016 sq. ft.  
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 30"  
 Drivers—Dia. over New Tires 63"  
 Driving Wheel Centers, Kind Cast Steel Dia. 56"  
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid 14'10" Total 25'10 1/2"

Weight on Drivers 136,200 lbs.  
 Weight of Engine, Working Order 182,500 lbs. Light 155,300 lbs.  
 Tractive Power I. C. C. Formula 30.7  
 TENDER, Type U-Shape Number 7-C-25  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,350 Oil, Gals. \_\_\_\_\_ Coal, Tons 7  
 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 8" x 12" Coal Pusher, Kind None  
 Weight, Light 38,200 lbs. Loaded 88,450 lbs.  
 Weight Engine and Tender, Light 193,500 lbs. Loaded 270,950 lbs.

## APPURTENANCES

Headlights, No. 1 Kind Pyle Electric  
 Main Valve, Kind Piston & Slide Dia. (If piston) 12"  
 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 22 1/2" x 51"  
 Train Signals, Kind West. Air Sanders, Kind Leach E Dble. & Hand  
 Stoker, Kind None Power Reverse, Kind \_\_\_\_\_  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Gollmar  
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

## FINAL DISPOSITION

By Retired Place St. Jacoma Date 5-5-28  
2-28

Original Cost F. O. B. Chicago, Ill.	12 269 80
Receivership Value	
Designing and Engineering	
Inspection during Construction	40
Inspection of Material	
Messenger Service	
Setting up and breaking in	48 38
Miscellaneous, Tools, etc.	38 22
Freight paid from Chicago to St. Paul	60 00
Total	12 416 80

DEPRECIATION ENGINE 86.7% = 12,312.62  
 TENDER 14.7% = 2,004.38  
 ENG'R. REPORT 14,317.00

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP137

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	6 56
925-16	Back stop on pilot steps	1 43	
5079-21	5-10-21	AL-156 Water Caine Hooks	1 74
5019-24	9-8-24	Bl-5 Additional 9 1/2" Air Pumps	194 91
5111-23	9-8-24	AL-169 HANDHOLDS ON SAND DOME	1 59
5152-23	9-8-24	AL-18-AIR SIGNAL EQUIP. RETROFID	< 33 40 >
5047-28	2-28	Retired, Eng. portion	< 11,073.72 >
5055-36	9-19-36	TENDER DISM.	< 1,740.09 >

-DEPRECIATION- R+E -ENGINE			-DEPRECIATION- R+E -TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10,678.45	E.R.	O.C.	1,738.35
	845-10	224.18	O.S.	5079-21	1.74
	846-11	6.56		5055-36	< 1,740.09 >
	0.3	925-16			
		5019-24			
		194.91			
		5111-23			
		1.59			
		5152-23			
		< 33.40 >			
		5047-28			
		< 11,073.72 >			

FINAL DISPOSITION

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