



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-12.  
VAL. GR. L-57.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class S-2 I. C. C. Class 4-6-0 Service Freight Number 127

## LOCOMOTIVE DATA

Original Number 127  
Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
" " " " " " " "  
Builder Schenectady Loco. Wks. Builders No. 5478.  
Date Built, Month July Year 1900.  
From whom purchased Schenectady Loco. Wks.  
Purchased New or Second Hand New Date 7-16-1900.  
Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
Receiving Station St. Paul, Minn. Date 7-24-1900.  
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# Working 200#  
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 None  
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 141,000 lbs.  
Weight of Engine, Working Order 182,500 lbs. Light 160,800 lbs.  
Tractive Power I. C. C. Formula 30.7  
TENDER, Type U-Shape, Number 7-C-38  
(Tender shown is one purchased with this locomotive)  
Capacity, Water, Gals. 4,350 Oil, Gals. \_\_\_\_\_ Coal, Tons 7  
Underframe, Kind Steel 2 prs. S. End Sills, Kind Wood  
Wheels, No. 8 Kind 2 prs. A.S. 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 92,400 lbs.  
Weight Engine and Tender, Light 199,000 lbs. Loaded 274,900 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 None  
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 DISMANTLED Place LIVINGSTON Date 8-1925

Original Cost F. O. B. Chicago, Ill.	17	106	06
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(	130	44
Miscellaneous, Tools, etc.	(		
Freight paid from Chicago to St. Paul		60	00
Total	17	296	50

ENG'R. REPORT 15,140.00 ~~DEPRECIATION~~ ENGINE 86% = 13,020.40  
 TENDER 14% = 2,119.60

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP127

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety Appliances	6 10
925-16	5-27	Back stop on pilot steps	1 43
5079-21	1-22	Watercrane hook	1 74
5156-25	8-25	Eng. portion retired	< 17 528 79 >
5015-29		Retirement adj.	2 423 25
5017-27		Retirement adj.	< 1 74 >
5033-45	8-26-45	TENDER DISM.	< 2 423 25 >

Eng'r. Repair  
 Order 3

-DEPRECIATION- R+E -ENGINE				-DEPRECIATION- R+E -TENDER			
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	E.R.	O.C.	14,874.99		E.R.	O.C.	2,421.51
		831-09	224.76		O.S.	5079-21	1.74
		846-11	6.10		5033-45	< 2,423.25 >	
	O.S.	925-16	1.43				
		5156-25	< 17,528.79 >				
		5017-27	< 1.74 >				
		5015-29	2,423.25				

FINAL DISPOSITION

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