



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

E.P. 1911, GR-10.
VAL. GR. L-55.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class S I. C. C. Class 4-6-0 Service Freight Number 157

LOCOMOTIVE DATA

Original Number 157

Renumbered from _____ to _____ Date _____

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Builder Schenectady Loco. Wks. Builders No. 4897Date Built, Month Oct. Year 1898.From whom purchased Schenectady Loco. Wks.Purchased New or Second Hand New Date 12-1-98.

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

Receiving Station St. Paul, Minn. Date 12-10-98.Setting up Shop Brainerd, Minn.Boiler Type Ext. wagon top, rad. stay O. D. First Ring 70"Flues, No. 376 Outside Dia. 2" Length 13'10"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 NoneArch Tubes, No. 4 Size 3"Superheater, Kind NoneFeedwater Heater, Kind None Reheater, Kind NoneHeating Surface Tubes 2,707 sq. ft. Flues _____Firebox 208 msq. ft. Arch Tubes 32 sq. ft.Superheating _____ Total Equivalent 2,947 sq. ft.Cylinders H. P., Dia. 22" L. P. Dia. 34" Stroke 28"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 26'3 1/2"Weight on Drivers 131,800 lbs.Weight of Engine, Working Order 173,800 lbs. Light 152,500 lbs.Tractive Power I. C. C. Formula 28.7TENDER, Type U-Shape, Number 5-C-5

(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 3 prs. R.S. 1 pr. S.T. 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 190,700 lbs. Loaded 266,250 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle - ElectricMain Valve, Kind Slide Dia. (If piston) _____Valve Gear, Kind Stephenson Driver Brake, Kind Amer. Equal.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 51"Train Signals, Kind West. Air Sanders, Kind BrowneStoker, Kind None Power Reverse, Kind NoneFlange Lubricators, Kind NonePneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind GollmerCouplers, Kind, Engine Sharon 6" x 6" Tender Sharon 5" x 5"

FINAL DISPOSITION

By DISMANTLED Place So. TACOMA Date 11-26

Original Cost F. O. B. Chicago, Ill.	11	642	60
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in		91	34
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		78	00
Total	11	811	94

ENG'R REPORT 4,106.00 DEPRECIATION-ENGINE 86% = 12,131.16
 TENDER 14% = 1,974.84

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS **NP157**

Cost or Value	-DEPRECIATION-			Cost or Value	-DEPRECIATION-		
	R+E	-ENGINE	Amount		R+E	-TENDER	Amount
E.R.	O.C.	10	158.27	E.R.	O.C.		1,653.67
	845-10		224.18	O.B	5079-21		1.74
	846-11		5.44		5029-31		<1,655.41>
O.B.	925-16		1.43				
	5152-23	<	33.40>				
	5134-26	<	12,044.73>				
	5110-27		33.40				
	5015-29		1,655.41				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety appliances	5 44
925-16	8-17	Back stop on pilot step	1 43
5079-21	4-19-22	Water crane hook & tender	1 74
X	X	X	X
5152-23	7-26	HL-18 Air signal equip removed	< 33 40 >
X	X	X	X
5134-26	1-27	Eng. Portion Retired	< 12,044.73 >
5110-27		Retirement Adj.	33.40
5015-29		Retirement adj.	1,655.41
5029-31	9-30	TENDER PORTION RETIRED	< 1,655.41 >

FINAL DISPOSITION

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