



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-15.
VAL. GR. L-77.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class Y I. C. C. Class 2-8-0 Service Switch Number 37

LOCOMOTIVE DATA

Original Number 37
 Renumbered from _____ to _____ Date _____
 " " " " " "
 Builder Schenectady Loco. Wks. Builders No. 4913
 Date Built, Month Dec. Year 1898
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 12-9-1898
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 12-18-1898
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. Wagon top, rad. stay O. D. First Ring 72 1/2"
 Flues, No. 206 & 32 Outside Dia. 2" & 5 1/2" Length 12' 9"
 Steam Pressure, Maximum 200# Working 175#
 Firebox, Type Narrow Length 120-3/16"
 Width, Top Wt. F. 67 1/2", Bk. 61 1/2" Bottom 42"
 Height, Front 77" Back 73 1/2"
 Grate Area 35 sq. ft. Oil Burner, Type _____ Size _____
 Combustion Chamber, Length None
 Arch Tubes, No. 2 Size 3"
 Superheater, Kind Schmidt
 Feedwater Heater, Kind None Reheater, Kind _____
 Heating Surface Tubes 1,350 sq. ft. Flues 583 sq. ft.
 Firebox 203 sq. ft. Arch Tubes 15 sq. ft.
 Superheating 468 sq. ft. Total Equivalent 2,863 sq. ft.
 Cylinders H. P., Dia., 20" L. P. Dia., _____ Stroke 34"
 Drivers—Dia. over New Tires 55"
 Driving Wheel Centers, Kind Cast Steel Dia. 48"
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"
 Wheels, Trailing Truck, Kind _____ Dia. _____
 Wheel Base, Rigid 14' 8" Total 23' 3"

Weight on Drivers 173,300 lbs.
 Weight of Engine, Working Order 191,000 lbs. Light 170,660 lbs.
 Tractive Power I. C. C. Formula 36.7
 TENDER, Type U-Shape Number 9-C-2
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 5,500 Oil, Gals. _____ Coal, Tons 10
 Underframe, Kind Steel End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 5" x 9" Trucks, Kind Arch Bar
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
 Weight, Light 45,000 lbs. Loaded 112,000 lbs.
 Weight Engine and Tender, Light 215,660 lbs. Loaded 303,000 lbs.

APPURTENANCES

Headlights, No. 2 Kind Pyle - Electric
 Main Valve, Kind Piston 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. 2 Make Westinghouse Size 9 1/2"
 Air Reservoirs, No. 3 Size 2-22 1/2" x 51" & 1-12" x 14"
 Train Signals, Kind None Sanders, Kind N^r Double
 Stoker, Kind None Power Reverse, Kind _____
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Crosby
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	13	424	80
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	{	93	77
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		75	66
Total	13	394	25

ENG. REPORT 7,277.00 **DEPRECIATION** ENGINE 85.041% = 14,692.52
TENDER 14,957.70 = 2,574.48
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS
 { Receivership Value } **NP 37**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER						
	Rate	Period	Amount		Rate	Period	Amount				
	E.R.	O.C.	11	197	58	E.R.	O.C.	2	196	65	
		831-09		224	76	0.3	5079-21		1	74	
		846-11		8	31	1	5122-36		<	2198	39
	O.3.	5063-20		1	74						
		5035-25		29	40						
		5062-24		111	32						
	E.R.	849-16		3	384	55					
	O.3.	5002-31		6	96						
		5007-38		11	45						
		5067-41		<	15035	07					

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety Appliances	8 31
5079-21	5-22	AL-156 Water Crane Hooks	1 74
5063-20	10-8-21	AL-169 Hand Holds on Sand Dumps	1 74
5035-25	3-6-25	AL-165 Carbon Heater	29 40
5062-24	3-19-25	BL-72 Pilot Beam changed	111 32
849-16	3-17	Remodeled	3 384 55
5002-31	6-6-31	PNEU. FIRE DOOR	65 96
5122-36	5-20-37	TENDER DISMANTLED	<2198 39
5007-38	1-19-38	AL-217 ALUMINITE LUB. FITTINGS	11 45
5067-41	9-8-41	ENGINE PORTION DISM.	<15035 07

FINAL DISPOSITION

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