

DEPARTMENT OF THE INTERIOR  
THE ALASKA RAILROAD

SURPLUS NARROW GAUGE EQUIPMENT, RAILS AND FITTINGS ON HAND  
JULY 5, 1935

<u>Unit</u>	<u>Weight</u>
Wheels Mounted on Axles - New & Secondhand:	
3 Pr. Cast Wheels, 4- $\frac{1}{2}$ "x6" Journal 26" Wheels 440 Lb. New	3,675 Lbs
1 " " " 4x6" Journal Mule 28" " 500 " "	1,275 "
3 " " " 4x7" " 28" Wheels 500 lb. 1 New 2-SH	3,825 "
3 " " " 4x7" " 24" " 400 " New	3,225 "
2 " " " 4x7" " 24" " 360 " "	1,990 "
2 " " " 4x7" " 26" " 440 " "	2,310 "
2 " " " 3- $\frac{3}{4}$ "x6" Journal 24" Wheels 360 Lb S.H.	1,890 "
1 " " " Engine Truck Axle, 4" Dia. Wheels 24" Dia. 430 Lb.	1,000 "
10 only Car Wheels, C. I. 24" Dia. 3- $\frac{1}{2}$ " Core, 400 lb.	4,000 "
55 " " " 26" " 440 Lb (4-5 $\frac{1}{4}$ " Core 51-4-3/8")	24,200 "
5 " " " 26" " 450 " 3-9/16" Core	2,250 "
45 " " " 28" " 500 " 4- $\frac{1}{2}$ " "	22,500 "
22 " Trucks Four-Wheel Steel Bolster 4- $\frac{1}{4}$ "x8" Axle 26" Cast Wheels, 440 Lbs. S.H.	44,000 "
4 " Trucks, 4-Wheel Steel Bolster 4"x7" Axle 24" cast Wheel 400 Lb. S.H.	7,400 "
19 " Trucks, Wood Bolster 4-Wheel 3- $\frac{3}{4}$ "x6" 24" Cast Wheels 350 lbs S.H.	30,400 "
14 " Frogs, 35 & 40 Lb. "	2,100 "
3680" Rail, 30 Ft. Long 35 and 40 Lb.	1,288,000 "
4000" Angle Bars for 35 and 40 lb.	30,000 "
4740" Tie Plates for 35 and 40 lb.	19,000 "
2000" Rail Braces for 35 and 40 lb.	6,000 "
7040" Spikes, Track $\frac{1}{2}$ "x4 $\frac{3}{4}$ "	7,040 "
2 " Cross Overs, 40 Lb. New	800 "
1622" Ties Hemlock Narrow Gauge Sawed 6"x7"x6"	113,540 "
1 " N.G. Engine and Tender No. 151, Description on following page.	
9 only Flat Cars, Narrow Gauge (Wood)	144,000 "
Capacity	40,000 Lbs.
Length Overall	30' to 32'
Width Overall	7' 2"
Steel Trucks	
Journals	4" x 7"
Wheels	28"
10 only Contractor Dump Cars	32,000 "
Made by Western Wheel Scraper Co.	
All Steel except body which has wooden ends, sides & bottom	
Length (Inside Dia. of Body)	9'
Width " " "	6'
Height " " "	20"
Weight	3200 Lbs
Rail to top of truck	29"
length overall	126"

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1 only N. G. Engine and Tender No. 151, Description as Follows: 100,000Lb

Make	Baldwin, Shop No. 11073
Date Made	1890
Type	2-8-0
Cylinder Diameter	16-3/4"
Stroke	21"
Drive Wheel Base	12' 1"
Total Engine Wheel Base	19' 2-1/2"
Boiler Pressure	145 Lbs.
2 - Edna Water Glass	
Gauges	
1 - 8" Air Pump	
Wheel Centers	32"
Tires	1-9/16 Thick
Main Driving Wheels are	
Third Pair	
No. 2 & 3 Driver Blind	
Valve Gear Stephenson Link with Balanced Valves	
Engine truck Wheels 23" Cast Iron Center Steel Tires	
Tank Wheels Cast Iron	
Tractive Power	16,600 Lbs.
Head Light Generator Pyle Electric	
Coal Capacity of Tank	5 Tons
Water Capacity of Tender	2,500 Gallons
Tender Trucks Steel	
Underframe Wood	
Number of Boiler Tubes	144
Length of Tubes	10' 8"
Diameter of Tubes	2"
Size of Air Pump	8"
Back of Cab Flush with Boiler Head	
Total Length of Engine	53' 6"
Weight on Drivers	66,400 Lbs.

1 only

N. G. Engine and Tender No. 152, Description as follows: 80,000Lb

Make	Baldwin No. 53296
Date Made	1920
Type	4-6-0
Cylinder Diameter	24"
Stroke	20"
Center to Center of Cyl.	80"
Drive Wheel Base	10' 11"
Total Engine Wheel Base	19' 5"
Total Engine & Tender Wheel Base	45' 3"

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Unit

Weight

Description on N. G. Engine and Tender No. 152, Cont'd.

Train Length Engine and Tender	55'
Boiler Pressure	185 Lbs.
2 - Edna Water Glass Gauges	
1 - 8" Air Pump	
Wheel Centers	38"
Thickness of Tires	2-1/22"
Diameter of Tires at Preset	43"
Main Driving Wheels are Middle Drivers and are Blind	
Valve Gear	Walschart
Engine Truck Wheels	22" C. I.
Tank Wheels	28" "
Tank Journals	4-1/4"x8"
Weight on Drivers	50,000 Lbs.
Tractive Effort Theoretical	16,865 Lbs.
Water Capacity of Tender	2,500 Gals.
Coal Capacity without Side Boards	5 Tons
Width of Fire Box	23"
Bottom of Fire Box to Crown Sheet at Door	48-3/8"
Bottom of Fire Box to Crown Sheet at Flue Sheet	54"
Headlight Generator	Pyle Electric
Headlight	2 - Engine and Tender

(Located, now at Fairbanks Alaska)  
(Both Engines 151 and 152)

*Standard Gauge, Narrow Gauge* 410.  
*Tools & Supplies* X 410.0045  
*Office of Title* X 410.131  
*To The White Pass & Yukon Railway* X 20.73  
 X 2.2  
 X 349.

Anchorage - June 25, 1935.

MR. D. W. METZDORF:

I wish you would make up a list showing the amount of narrow gauge equipment, wheels, etc., that we have on hand from the Chatanika Branch, as I intend to approach the White Pass Railroad with a view of ascertaining if they are not interested in the purchase of some of this equipment and supplies.

Signed: O. F. Ohlson  
 O. F. Ohlson,  
 General Manager.

4101  
X 20.703  
X 20.703  
Anchorage - July 10th, 1930.

Mr. Ohlson:

Recommend that the following narrow gauge cars now in Anchorage, Fairbanks, be destroyed:

Coach 202 Wrecked, broken in two.  
Coach 206 Dry rotted.  
Flat Car 3313, Wrecked, broken up.  
Flat Car 3306, Wrecked, broken in several places.  
Hot Car 3251, Wrecked, sills broken, and sheeting ripped.

The Alaska Railroad  
RECEIVED

JUL 10 1930

OFFICE OF  
General Manager

Reason for retiring these cars indicated above.

None of these cars are in service at the present time and are just taking up storage room.

JTC:W

The Alaska Railroad  
RECEIVED

JUL 10 1930

OFFICE OF  
General Manager

*J. T. Cunningham*  
J. T. Cunningham,  
Sup't. of Transportation.

410

410.

410,045

List of  
Narrow Gauge Equipment & Material The Alaska Railroad  
Not available for Sale.

Supplement to  
N.G. Equipment List

Anchorage - Dec. 7, 1931

Mr. Metzdorf:

Narrow Gauge Gas Cars

Narrow Gauge cars No. 105 and 110 should have been included in the list of Narrow Gauge equipment for sale, and the following is a description of these cars so that you will have what information we have available in connection with disposing of same.

Gas electric Car No. 105; \$750.00 2015 Car Rental

Total Length inside	26'6" long
Length of passenger compartment	17'1"
Length of engine compartment	9'5"
Width inside	8'4"
Height from floor to ceiling in center	7'8"
Two side seats each	12'9"
1 end seat	5'
Total seating capacity	22 persons
Standing capacity	18 "
Total capacity	40 "

Street-car style of body

2, 42" side doors near front end of car.

2, 32" side doors hinged in center at back of car.

The above car runs on 2 axes (1 wheel with a five h.p. 110 Motor, driving each wheel, or a total of 20 H.p. in motors attached to the four wheels). These motors are operated from a gasoline engine driven by 125 volt generator which is operating constantly, and the car speed controlled with a rheostat similar to ~~any other~~ street-car. This car is also equiped with a head light in the dash, forward and rear; also a large electric head light on top of front end. The street-car body is Standard gauge size, and car can be converted into Standard gauge without much trouble by changing frame and moving out wheels.

The above car although of no use to the Alaska Railroad, and is worth only scrap for salvage should bring at least \$750 from anyone who can use it on account of the hauling capacity of this car, and of the low operating cost, which has been less than 5¢ per mile, outside of the cost of motormen and conductor. There is nothing on this car that we could salvage for anything more than scrap as the gasoline motor is different from anything we have on any other car, and is badly worn out and needs new pistons and other parts, but it is difficult to secure them. If we are going to re-instate the College service from

410

Out  
45

Out

out

12-7-31

440.  
440.00

out {

Fairbanks to College we could make use of this car after spending \$500 to make a Standard Gauge car out of it. I would put this car up for sale for \$1,000 in running condition, as it would be just as easy to get \$1,000 as half that price if anybody wanted it, for if they didn't want it at that price they wouldn't care for it at all.

46

Gas Car No. 110:

\$400.00 To B. Car Reward

Length inside	17'
Width inside	68"
Height in center of car	6'6"
2 side seats with seating capacity of	17 persons
Single seat rear door hinged in center	
Width of door near forward end of car for motorman.	28"

This car is equipped with small truck in front with single axle truck in rear, driven by chain from Model Ford T engine with transmission to transmit power from engine to sprocket wheel through chain to rear axle. [This car has been in operation and can be made to run with little expense, but we will have no further use for same as it cannot be converted to Standard Gauge and be of any use.]

Out {

Considering that this engine is equipped with Standard motor, transmission, etc., and that it will hold 17 people, it should be worth \$500, which is the price I believe we should sell it for and get rid of it.

W. L. Kinsell  
Sup't. Motive Power & Equipment

WLK:J  
cc: C.H. Holmes ✓