



DESCRIPTIVE DATA

STAINLESS STEEL AND HIGH TENSILE STEEL SELF PROPELLED CAR - BUILT 1932 BY THE BUDD CO. STRUCTURAL FRAMING, ROOF, SIDE SHEETS, FLUTED MOLDING, INTERIOR AND EXTERIOR OF VESTIBULES ARE STAINLESS STEEL. END UNDERFRAME UNITS, BODY BOLSTERS, DEPT. BILL EXTENSIONS INCLUDING ADJACENT MEMBERS ARE HIGH TENSILE STEEL. END COLLISION FLOODS ARE HIGH TENSILE STAINLESS STEEL. AIR CONDITIONING - REFRIGERATES 7 TONS ELECTRO-MECHANICAL REFRIG. TYPE HAVING DUCT TYPE AIR DELIVERY AND AIR MAZE FILTERS WITH VAPOUR CO2, FULL AUTOMATIC TEMP. CONTROL FOR HEATING AND COOLING. ELECTRICAL POWER FOR ENTIRE CAR FURNISHED BY TWO SAFETY CO. 15 KW. BODY HUNG GENERATORS - DIESEL ENGINE DRIVEN. SAFETY CO. VOLTAGE CONTROLS. LIGHTS: 2 E. H. C. FLUORESCENT CEILING LIGHT FIXTURES IN PASSENGER COMPARTMENT AND INCANDESCENT FIXTURES IN VESTIBULE AND SALOON. BAGGAGE RACKS - ADAMS AND WESTLAKE CO. CONTINUOUS BAGG. RACKS WITH INCANDESCENT LIGHT FIXTURES. SEATS - HEWLETT-WAKEFIELD CO. WALK-OVER TYPE COACH SEATS WITH FOOT RESTS. CARS 20-30 HAVE BUDD SEAT COVERDOWN. CARS 31-48 HAVE GOODALL CO.'S FAIRHUNT BLUE PLUSH SEAT COVERING. FLOOR COVERING: 1/2" THICK TREK-FLEX FLOOR TILES BY JOHNS-MANSVILLE CO. WINDOWS - FIXED ALUMINUM PENETRATED BASH. 1/2" POLISHED PLATE GLASS OUTSIDE, 1/2" LAMINATED PLATE GLASS INSIDE. SALOONS - 1/2" PROM PLATE GLASS. BASH IN OPERATES DOOR ALL BASH BY ADAMS AND WESTLAKE CO. HEATING SYSTEM - CIRCULATED HOT WATER FROM ENGINE COOLING SYSTEM THERMOSTATICALLY CONTROLLED. SINGLE ELECTRIC COB. TWO STAGE ELECTRIC HEATER WITH BLOWER FAN AT OPERATORS & REFRIG. POSITION AIR BRAKES - HIGH SPEED CONTROL BRAKES WITH DOUBLE END AND MULTIPLE UNIT OPERATION WITH P-22-SE COILS. VALVE AND H-3-C BRAKE VALVE ARRANGED FOR DISC TYPE TRUCK BRAKES AND 60 LBS. ANTI-WHEEL SLIP EQUIPMENT WITH DEADMAN FEATURES. INSULATION: 1/2" THICK AT ROOF, SIDES, FLOOR AND ENDS - QUINCY-BACON CO. "ULTRALITE" BATTERIES - LEAD ACID TYPE - 52 CELL, 171 PLATS. 28.6 AMPERE HOUR (22-171) BY GOULD CO. SALOON EQUIPMENT: DUNER M.F.O. CO. NO. 502 DOUBLE PAN FLUSH TYPE HOPPER. CRANE CO. S.R. 204 B LAVATORY WITH COLD WATER AND SOAP DISPENSER. WATER STORAGE CAPY. 60 GALONS AND WATER COLLECTS GALS. DEPT. GEAR - RUBBER SPRING TYPE WITH WAUGH EQUIPMENT CO. WITH A.A.E. TYPE H SHORT SHANK COUPLER AND CABT STEEL YOKES. NO SLIPPING GEAR USED. INTERIOR FURNISHINGS - ADAMS AND WESTLAKE CO. ROLLER TYPE CABLE CURTAINS WITH PLASTIC CURTAIN HANGERS. HOT WATER COOLER IN CARS 20-24. 31-48. LUMBY WATER COOLER FOR CARS 25-30 TRUCKS: 4 WHEEL ALL COIL SPRING WITH S.K.P. 5" X 10" ROLLER BEARINGS AND MONROE SHOCK ASSEMBLY. EQUIPPED WITH DISC TYPE BRAKES. FABRICATED STEEL TRUCK BY THE BUDD CO. ENGINES: TWO GENERAL MOTORS MODEL NO. 62801 RA WITH TORQUE CONVERTER TRANSMISSION 175 H.P. & CYLINDER DIESEL ENGINES, ONE LOCATED NEAR EACH END OF CAR.

CAR NOS	CAR WEIGHTS				TOTAL WT READY TO RUN WITHOUT PASS. & CREW
	CAR BODY	SERVICE LOAD	TRUCK	TOTAL	
20-27	A	40210	2800	15700	117510
	END	41000	2000	15800	
	B	41020	2800	15800	
28-30	A	41680	2000	15900	119,210
	END	40120	2800	15800	
	B	41680	2000	15900	
31-48	A	40120	2800	15800	117690
	END	41060	2000	15900	
	B	41060	2000	15900	

SERVICE AND COOLING WATER = 1750
 DIESEL FUEL OIL = 1800
 LUBRICATION OIL = 450
 SAND = 600
TOTAL 4800 LBS.

N. Y., N. H. & H. R. R.
 NEW HAVEN MAY 8, 1932

DIAGRAM
 STAINLESS STEEL STREAMLINED
 "RDC-1" COACHES 20-48

CORRECT APPROVED
F. J. Bond *A. L. Soebel*
 ASST. M.E. 25697 M.E.

DR TE CK IN
 LH LH ER
 KEY 'A' 8-11-53 K

MAXIMUM TRACTIVE EFFORT 8100 LBS.