



ALL STEEL CAR, LOW ALLOY HIGH TENSILE STEEL FRAMING CONSTRUCTION WITH STAINLESS STEEL EXTERIOR SKIN SHEET ALONG SIDE SILL TO TOP OF SIDE PLATE WITH BUILT IN DOOR, BUILT UP RAILWAY STANDARD CAR WIFE CO. WORKING MASS IN YEAR 1954.
 CENTER PANEL END PLAT STAINLESS STEEL PANELS ABOVE AND BELOW WINDOWS, STAINLESS STEEL PLATED MOLDINGS, ROOF PAINTED BLACK.
 VESTIBULE ENDS AND AREA AROUND VEST. SIDE DOOR PAINTED NEW HAVEN NO. 401 GREEN. VEST. SIDE DOORS STAINLESS STEEL.
 AVERAGE WEIGHT OF CAR WITHOUT PASSENGERS AND WATER 15,900 LBS. NO. 1 END 7,500 LBS. NO. 2 END 7,600 LBS.
 POWER PROPULSION EQUIPMENT - M.E. CO. "MOTION" TYPE ELECTRIC PROPULSION EQUIPMENT COMBINING 1100 VOLTS SECTILE AC TO 600 VOLT D.C. ARRANGED FOR AUTOMATIC ACCELERATION.
 EACH TRUCK IS EQUIPPED WITH TWO 100 H.P. FRANCIS MOUNTED M.E. CO. SYNCHRONOUS TRACTION MOTORS CONNECTED TO THE DRIVING ALLEY BY FLEXIBLE COUPLING DEVICE AND CAR EQUIPPED WITH S.O.M. ELECTRIC MOTOR DRIVEN CARBON BRUSH TYPE TRUCK MOTOR COLLECTORS ON EACH SIDE OF EACH TRUCK.
 ARRANGED TO PROVIDE FORCED VENTILATION IN EMERGENCY. MAINBODIES NON-FUNCTIONAL SELECTIVE TYPE CONTROL AND CONTROL AIR HEATING ELECTRICAL POWER FOR COMPRESSOR MOUNTED ON M.E. CO. BODY HAS RUBBER GENERATOR SET AND M.E. CO. GENERATOR AND VOLTAGE CONTROLLER, CONDENSER AND COMPRESSOR MOTORS ARE 600 VOLTS D.C. OPERATED FROM RESTRICTION D.C. TYPED RAIL.
 LIGHTING - 30 B.L.C. CONTINUOUS FLUORESCENT COVE LIGHT FIXTURES UNDER BUMP EXCEL - BUILT UP BY CAR IN BUMP COVE. FLUORESCENT FIXTURES IN PASSAGeways, SALOONS AND STAIRWAYS.
 DRAFT S.C.N. & L.C.R. HANDHELD SEAT FIXTURES IN VEST AND LOCKERS. FLUORESCENT LIGHTING SUPPLIED BY S.C.N. & L.C.R. IN MOTOR ALTERNATING WITH CURRENT SUPPLIED FROM BATTERY AND M.E. CO. M.B. S.P. COALM. INDENTION LOWBALL DRESSER. BUILT IN MARKER LIGHTS. FIVE NATIONAL CO. 14" 250 WATT P.K.B. MOUNTED ON EACH END OF CAR.
 FURNITURE - HIGH TOP WOODFIELD CO. ALUMINUM FRAME LOUNGE CHAIRS AND CHAIRSEAT MFG. CO. TYPE "C" BROADENED ALUMINUM CARD PLATING CHAIRS. ALL CHAIRS UPHOLSTERED WITH GOOD QUALITY GREEN HERRING BUELL INSIDE TRUNK HANGER TYPE ALL COIL SPRING SUSPENSION TRUCKS WITH S.K.A. HEAVY DUTY SPHERICAL TYPE ROLLER BEARINGS AND MONORAIL MOUNTING SHOCK ABSORBERS. NOISE INSULATED WITH FIBERGLASS PADS AND EQUIPPED WITH TRUCK MOUNTED 10" B SIZE CYLS & SIMPLEX PUMP JACKS.
 HEATING SYSTEM - CONDENSATOR COB. ELECTRIC PIPE WALL HEATERS, END DUCT BLOWER HEATERS AND OVERHEAD HEATERS. SEPARATE END DUCT HEATERS FOR ENGINEERS COACHES.
 AIR BEAKERS - W.A. CO. HIGH SPEED CONTROL ELECTRO-MECH BEAKERS. AIR SUPPLIED BY 600 VOLT P.C. MOTOR DRIVEN AIR COMPRESSOR. W.A. CO. TYPE M.P. CAST COB. BURGER DRAFT GRAIN TYPE M.P. - ESE. CAST STEEL ROTARY OPERATED TIGHT COUPLER WITH CAST STEEL YOKE. NO BURNING OIL USED.
 BATTERY - 21 S.C. TYPE 21 STANFELT. PLATE TYPE 3 THICK ENDS SITES TO BOTTOM OF WINDOWS 2 1/2" THICK ENDS UNITS. 1 1/2" THICK ENDS - DUNN 10.4 EN. DOUBLE PAN FILL TYPE. OPERATOR FEED SYSTEM SUPPLIES COOL RUNNING WATER TO TOILETS AND LAVS. TOP OF DRAFT COAST CO. TRUCK CARDS BOTH IN CAR. 100 GALLON CAPACITY TOILET CARDS.
 PASSENGERS HAVE APPROVED ALL ALUMINUM SMOODGE EGGS OF NEW HAVEN DESIGN. COBODGLAS WINDOW CURTAINS. INSULATED TRAP DOORS. STATIONARY STAINLESS STEEL STEPS WITH SAFETY STEP TRAPDOORS. CAR HAS WINDOW DRAPES. DRINKING WATER SUPPLIED BY WEST. ELEC. COB. ELECTRO-MECH. WATER COOLER - COOLING CHAMBER CAPY = 9 PINTS, COOLING RATE = 3 GALLONS PER MINUTE.
 BUFFET - STAINLESS STEEL WITH 2 INCH REFRIGERATOR. AND 2 BURNER 64 VOLT VACILLATOR RANGE THE COFFEE MAKING AND LIMITED COOKING. 6 GAL. HOT WATER OVERMAP STORAGE TANK WITH ELEC. IMMERSION WATER HEATER - AUXILIARY PORTABLE WATER HEATER 3 KW. EFF. = 80%.

N.Y., N. H. & H. R. R.
 NEW HAVEN AUG. 18, 1954
 DIAGRAM
 MULTIPLE UNIT CLUB CAR
 AC-DC M.U. MOTOR CAR
 NO. 5113

CORRECT APPROVED
 J. L. Stadel
 M.E.
 25765

DET. H. K. IN
 AT L.H. RAM