

DESCRIPTIVE DATA

ALL STEEL CAR - BUILT NEW 1930 BY OSBORN-BREAST; REMODELED & AIR CONDITIONED AT READVILLE 1944.

WEIGHT - LIGHT CAR COMPLETE WITHOUT PROVISIONS 18500 LBS. - OBS. END ONLY 8200 LBS. - KITCHEN END ONLY 9640 LBS.; WEIGHT EACH TRUCK 23100 LBS.

TRUCKS - GEN'L STEEL CASTINGS CO'S CAST STEEL 6 WHEEL ALL CAR SPRING OUTSIDE SWING HANGER WITH 5 1/2" JOURNALS AND PAPER COLLAR BEARINGS AND MOUNTED SHOCK ABSORBERS. WHEELS INSULATED WITH FIBERGLASS. TRUCK EQUIPPED WITH A.S.P. "SHIMMER" CLAMP BEARINGS. 2" DIAM. BEARING CYLINDERS HAF & PATENTED SLICE AIR. PER TRUCK BRAKE - W.A.B. CO.'S SCHEDULE 40 P-F WITH PTFE COATED VALVE. 9.5 REIN. WHEEL. 4.2 OXID. SERVICE VALVE. PNEUM. LEVER TYPE LEAKAGE-RES. SW. WHEEL TIE AT BUMP STOP. STEAM HEAT - VAPOR CO'S 5/8" TIE RADIATION PIPE SUPPLY AND PLAIN PIPE RETURN THROUGH CAR (EXCEPT OBS. ROOM HAS RIM TUBE SUPPLY AND RETURN) WITH VALVE REGULATORS AND THERMOSTAT CONTROL IN EACH ROOM EXCEPT PORTERS ROOM.

LIGHTING SYSTEM - 32 VOLT D.C. SUPPLY FROM EITHER 555 AH BATTERY OR 1000 AH BATTERY & 10 KW AXLE LIGHT GENERATOR OR 1000 AH BATTERY & 10 KW AXLE LIGHT GENERATOR BY MEANS OF MANUAL SWITCHES. 32 VOLT D.C. SUPPLY FROM 110-220 VOLT AC TO 32 VOLT AC TRANSFORMER FOR STAMP BY SERVICE FOR LIGHTING ONLY.

REFRIGERATION - FRIEDLAENDER UNIT - 32 VOLT D.C. SUPPLY THROUGH EITHER SET OF BATTERIES.

DRAFT & BUFFING GEAR - MINER A-325 FRICTION DRAFT GEAR AND MINER B-102A BUZZER. SINGLE STEM CAST STEEL QUADRUPLE & SHEAR COUPLER, 6 1/2" X 7" SHAFT AND CAST STEEL YOKE.

INSULATION - 3 PLY BALTIMORE, 3/4" THICK, EXTENDING FULL DEPTH OF SIDES, OVER ROOF AND UNDER FLOOR.

WATER SYSTEM - 150 GAL. PRESSURE TANK UNDER CAR NORMALLY SUPPLIES HOT & COLD WATER TO ALL LAVATORIES AND COLD WATER ONLY TO ALL TOILETS, KITCHEN AND PANTRY. 2 - 50 GAL. TANKS SUPPLY HOT & COLD WATER BY GRAVITY TO KITCHEN & PANTRY. BOTH SYSTEMS ARE FILLED BY MEANS OF MANUALLY OPERATED VALVES.

AIR CONDITIONING - CAR IS EQUIPPED WITH S.P. STURTEVANT ICE AIR CONDITIONING 7 TON UNIT ARRANGED FOR DUCT DISTRIBUTION. DISTRIBUTING DUCT IS LOCATED AT SIDE OF CLERK STORY ON STATEROOM SIDE OF CAR WITH DISCHARGE GRILLE OPENING IN SIDE DRESS TO THE VARIOUS ROOMS IN CAR. 32 VOLT CURRENT SUPPLIED FROM 10 KW AXLE HUNG GENERATOR AND 1000 AH BATTERY.

FLOOR COVERING - CARPETS IN ALL STATEROOMS, OBSERVATION ROOM & DINING ROOM.

LINOLEUM IN CREW'S QUARTERS, KITCHEN, PANTRY & CORRIDOR.

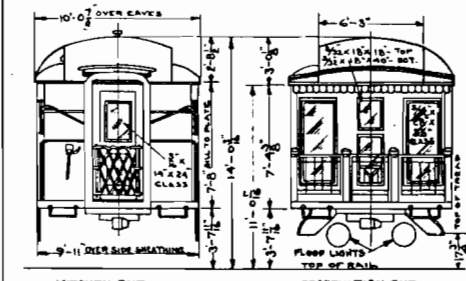
SLEEPING CAPACITY - 6 NOT INCLUDING CREW.

CAR IS EQUIPPED WITH GEN'L STEEL CASTINGS CO'S CAST STEEL UPRIGHT END FRAMES AND PLATFORM CASTINGS.

BOTH ENDS OF CAR ARE EQUIPPED FOR USE OF PORTABLE ELECTRIC MARKER LAMPS.

CAR IS EQUIPPED WITH ANNUNCIATOR BUZZER SYSTEM.

CIRCULATING FANS IN ALL ROOMS - FOR EMERGENCY USE ONLY.



N. Y. N. H. & H. R. R.
NEW HAVEN MAR. 27, 1944.

**DIAGRAM
BUSINESS CAR NO. 1**

REV. 'G' CHANGED REFRIGERATOR AND CAR WEIGHTS - 9-8-54 L.H.
REV. 'F' CHANGED TO AGREE WITH CAR AS REMODELED - 3-25-44 R.E.
REV. 'E' SAFETY BAR REPLACES CHAIR AT CREW POS. - 3-28-47 L.H.
REVISED D - REMODELED & AIR CONDITIONED - 4-4-44 S.S.

CORRECT
A. L. Hinkel
ASST. M.E.

APPROVED
P. W. Hinkel
M.E.

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ASST. M.E.

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