

Great Northern Railway Co.

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**Classification and  
Numbering of Locomotives  
and Equipment**

*List No. 33\**

ISSUED

MAY 1st, 1950

**\*List made from equipment record and  
not from actual inspection.**

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## STEAM LOCOMOTIVES

Reference mark S Ø indicates superheaters applied at shops.

Reference mark Ø indicates superheaters applied when built.

Reference mark B indicates roller bearings.

Class	Engine Numbers	Number	Type	Valves	Drivers	Size of Cyl.
A9	15, 53, 396, 388, 389, 391 to 393, 396	9	0-6-0	SD	52	19 x26
A9	16, 19, 29, 54, 86, 89, 384, 385, 390, 394, 395	11	0-6-0	SD	49	19 x26
C1 Ø	810 to 849	40	0-8-0	PV	55	26 x26
C2 S Ø	854, 855, 859, 861, 863	5	0-8-0	PV	55	23½x32
C3	876, 878, 879, 883, 884, 896	6	0-8-0	PV	55	21 x32
C3 S Ø	886, 887, 890, 891, 893	5	0-8-0	PV	55	23½x32
C4 S Ø	783	1	0-8-0	PV	55	23½x32
C4 S Ø	785	1	0-8-0	PV	55	21 x32
E6	927	1	4-6-0	SD	63	19 x26
F1	521, 525	2	2-8-0	SD	55	19 x26
F1 S Ø	522, 544, 545, 546	4	2-8-0	PV	55	22 x26
F7	1135, 1137	2	2-8-0	SD	55	20 x32
F7 S Ø	1130, 1131, 1136, 1138	4	2-8-0	PV	55	23½x32
F8	1142, 1144, 1152, 1172, 1173, 1197, 1202, 1216, 1221, 1222, 1230, 1231, 1233, 1236, 1243 to 1246	18	2-8-0	SD	55	20 x32
F8 S Ø	1141, 1146 to 1148, 1163, 1165, 1168, 1170, 1171, 1177, 1183, 1189, 1190, 1192, 1193, 1195, 1196, 1220	18	2-8-0	PV	55	23½x32
G3	723, 724, 739, 743, 745, 748, 760, 764	8	4-8-0	SD	55	19 x32
H3 S Ø	1412, 1423, 1425, 1426, 1430, 1436	6	4-6-2	PV	69	23½x30
H4 Ø	1441 to 1445, 1448, 1449, 1450, 1452, 1453, 1455, 1457, 1458, 1459, 1464, 1467, 1469, 1471, 1473 to 1475, 1477, 1479	23	4-6-2	PV	73	23½x30
H5 S Ø	1350, 1352 to 1374	24	4-6-2	PV	73	23½x30
H6 S Ø	1710 to 1724	15	4-6-2	PV	69	23½x30
H7 S Ø	1375 to 1377, 1380 to 1384	8	4-6-2	PV	73	23½x30
M2 Ø	1951, 1965, 1967, 1968, 1972 to 1974, 1977, 1980, 1981, 1983	11	2-6-8-0	PV	55	22x23½x32
N3 Ø B	2000 to 2024	25	2-8-8-0	PV	63	22x23x32

## STEAM LOCOMOTIVES—Cont.

Class	Engine Numbers	Number	Type	Valves	Drivers	Size of Cyl.
O1 Ø	3000 to 3004, 3006 to 3009, 3011 to 3013, 3015 to 3022, 3025, 3027, 3030 to 3033, 3040 to 3042, 3044 to 3047, 3050 to 3053, 3055 to 3058, 3067 to 3069, 3063, 3095 to 3097, 3100 to 3103, 3106, 3110, 3112, 3114 to 3120, 3123 to 3127, 3129 to 3133, 3135 to 3142, 3144.....	118	2-8-2	PV	63	28 x32
O3 Ø	3200 to 3204, 3207, 3208.....	7	2-8-2	PV	63	27 x32
O4 Ø	3210, 3212, 3213, 3215 to 3254.	43	2-8-2	PV	63	28 x32
O6 S Ø	3350 to 3356, 3358 to 3364, 3366 to 3370.....	19	2-8-2	PV	63	28 x32
O8 S Ø B	3375 to 3399.....	25	2-8-2	PV	69	28 x32
P2 Ø B	2500 to 2527.....	28	4-8-2	PV	73	29 x28
Q1 Ø	2101 to 2117, 2119 to 2128.....	27	2-10-2	PV	63	29 x32
Q2 S Ø	2175 to 2189.....	15	2-10-2	PV	63	29 x32
R1 Ø	2030 to 2033.....	4	2-8-3-2	PV	63	28x28x32
R1 Ø	2034 to 2043.....	10	2-8-3-2	PV	63	26x28x32
R2 Ø	2044 to 2059.....	16	2-8-3-2	PV	63	26x28x32
S1 Ø B	2550 to 2555.....	6	4-8-4	PV	73	28 x30
S2 Ø B	2575 to 2580, 2582 to 2588.....	13	4-8-4	PV	80	29 x29
Total Steam Locomotives—578						

Note: No. 1—Roller bearings on N-3 drivers only.

No. 2—Roller bearings on following engines only: 2505 to 2507, 2510, 2511, 2514, 2517, 2519 to 2522, 2524, 2525, 2527.

## DIESEL ELECTRIC LOCOMOTIVES

Engine Nos.	Boilers	Number	Type	H.P.	Drivers
50	None	1	B-B	360	33'
75 to 80	None	6	B-B	600	40'
100, 101	None	2	B-B	900	40'
102 to 162	None	61	B-B	1000	40'
175 to 181	1—2250 lb.	7	B-B	1000	38'
182 to 185	None	4	B-B	1000	40'
186 to 195	1—1600 lb.	10	B-B	1000	40'
200 to 202	None	3	B-B	1500	40'
203 to 207	1—1600 lb.	5	B-B	1500	40'
208 to 217	None	10	B-B	1500	40'
227 to 231	1—1600 lb.	5	B-B	1500	40'
252 to 258	See Note "A"	7	2(B-B)	2700	40'
259 to 267	See Note "A"	9	2(B-B)	3000	40'
271	2—1600 lb.	1	2(B-B)	3000	40'
272	None	1	2(B-B)	3000	40'
300 to 305	1—300 lb.	6	3(B-B)	4050	40'
306	None	1	3(B-B)	4500	40'
350 to 358	3—3000 lb.	9	3(B-B)	4500	40'
375, 376	See Note "A"	2	3(B-B)	4200	40'
400 to 428 (Even Nos. Only)	2—300 lb.	15	4(B-B)	5400	40'
430 to 438 (Even Nos. Only)	None	5	4(B-B)	6000	40'
444, 446 Even Nos. Only)	None	2	4(B-B)	6000	40'
500 to 504	2—3000 lb.	5	2(A1A-A1A)	4000	36'
510 to 512	1—3000 lb.	3	A1A-A1A	2000	36'

Total Diesel Electric Locomotives—180

Note "A"—Locomotives 375 and 376 have 1—2250 lb. boiler and 1—3000 lb. boiler

Locomotives 252 to 258 have 1—300 lb. boiler.

Locomotive 259 has no boiler.

Locomotives 260 and 261 have 2—3000 lb. boilers.

Locomotives 262 and 267 have no boilers.

Locomotives 375 and 376 have 2—3000 lb. boilers.

Following Diesel engines on order and which are expected to be delivered during the period 1950 and 1951.

Engine Nos.	No. of Engines	No. of Units	Engine H.P.	A.F.E.	Builder
1 to 10	10	10	1000	78313	Alco
11 to 16	6	6	1200	78970	E.M.
81, 82	2	2	600	78313	E.M.
83	1	1	600	78970	E.M.
164 to 170	8	8	1000	78313	E.M.
197 to 199	3	3	1500	78970	Alco
213, 219	2	2	1500	78313	Alco
220 to 224	5	5	1500	78970	Alco
263 to 270	3	6	3000	78313	E.M.
273 to 277	5	10	3000	78970	E.M.
307 to 310	4	12	4500	78970	E.M.
359, 360	2	6	4500	78970	E.M.
445 to 456 (Even Nos. Only)	5	20	6000	78313	E.M.
500 to 504 "B" Units	5	5	1500	78313	E.M.
600 to 622	23	23	1500	78970	E.M.

## ELECTRIC LOCOMOTIVES

Class	Engine Numbers	Number	Type	Drivers
Z1	5000A&B, 5002A&B, 5004A&B, 5008A&B, 5008A&B.....	5	2(1-D-1)	56"
Y1	5010 to 5017.....	8	1-C+C-1	55"
W1	5018 and 5019.....	2	B-D+D-B	42"
Total Electric Locomotives—15				

## PASSENGER EQUIPMENT

\*Electric Lighted  
 †Axle Generator Lighting  
 A1—Air Conditioned Ice  
 AM—Air Conditioned Mechanical  
 B Roller Bearings

§Single Door Cars  
 †Double Door Cars  
 ★Steel Underframe  
 □Solid Steel Construction  
 XWood Posts

## HEATER CARS

Numbers	No. of Cars	Length over Buffers
1 and 2*□.....	2	43 ft. 8 in.
3 and 4*□.....	2	45 ft. 8 in.
5*□.....	1	51 ft. 5 in.
6 and 7*□.....	2	44 ft. 3 in.
Total—7 Cars		

## RAILWAY POST OFFICE CARS

Numbers	No. of Cars	Length over Buffers
23 to 36*†□.....	14	64 ft. 9 in.
Total—14 Cars		

## BAGGAGE, MAIL AND EXPRESS CARS

Numbers	No. of Cars	Length over Buffers	Mail Compt.	Baggage Compt.
44 to 51*†□.....	8	65 ft. 3 in.	15 ft.	45 ft.
52 to 71*†□ B <sup>1</sup> .....	20	75 ft. 1 in.	30 ft.	40 ft.
72 to 93*†★.....	22	75 ft. 3 in.	30 ft.	40 ft.
104*★.....	1	54 ft. 5 in.	15 ft.	35 ft.
106*†★.....	1	70 ft. 3 in.	15 ft.	49 ft.
110, 111★.....	2	75 ft. 11 in.	30 ft.	40 ft.
114*†★.....	1	75 ft. 11 in.	30 ft.	40 ft.
115, 117*†★.....	2	75 ft. 11 in.	30 ft.	40 ft.
148*†★.....	1	75 ft. 6 in.	30 ft.	40 ft.
150, 151*†★.....	2	69 ft. 9 in.	15 ft.	49 ft.
181 to 185, 188 to 192*†□.....	10	65 ft. 2 in.	30 ft.	30 ft.
1100 to 1103, 1105 to 1107*†□ B <sup>1</sup> .....	7	85 ft. 0 in.	30 ft.	51 ft.
1108*†□ B <sup>1</sup> .....	1	73 ft. 10 in.	30 ft.	40 ft.
Total—78 Cars				

Note: B<sup>1</sup> Roller bearings on following cars: 54, 58, 61, 62, 63, 64, 65.

## BAGGAGE AND EXPRESS CARS

Numbers	No. of Cars	Length over Buffers
259*†□.....	1	75 ft. 1 in.
260, 261*†□+.....	2	64 ft. 2 in.
262 to 265*†□+B.....	4	73 ft. 10 in.
266, 267*†□+B.....	2	73 ft. 10 in.
268, 269*†□+B (FULL END DOORS).....	2	73 ft. 10 in.
270 to 272*†□+★.....	3	73 ft. 10 in.
273 to 276*†□+B★.....	4	79 ft. 2 in.
330 to 345, 347 to 349*†★+ [330-336-338 (FULL END DOORS)].....	19	63 ft. 4 in.
350, 352 to 355, 357*+X.....	6	70 ft. 1 in.
358*□ (Staggered doors 10x6 ft. 6 5/8 in.).....	1	70 ft. 1 in.
360*+X.....	1	70 ft. 1 in.
362, 364, 365*+X.....	3	70 ft. 1 in.
372, 373*†+X.....	2	70 ft. 1 in.
377*+X.....	1	70 ft. 1 in.
378 to 380*†+X.....	3	70 ft. 1 in.
399*+X.....	1	75 ft. 1 in.
400 to 404, 406 to 418*†+X.....	18	76 ft. 10 in.
419*+X.....	1	70 ft. 5 in.
420 to 425*†+X.....	6	76 ft. 6 in.
427*+X.....	1	69 ft. 0 in.
428*+X.....	1	69 ft. 5 in.
429*+X.....	1	69 ft. 9 in.
430*†+X.....	1	69 ft. 9 in.
432 to 436*†+X.....	5	83 ft. 5 in.
437*+X.....	1	71 ft. 0 in.
438*†+ (Dynamo) X.....	1	83 ft. 10 in.
439*+X.....	1	74 ft. 2 in.
440 to 442, 444 to 455, 457, 458*†+X.....	17	76 ft. 6 in.
460*†+X.....	1	76 ft. 6 in.
468, 469, 474*★+.....	3	75 ft. 1 in.
475 to 486*†□+★.....	12	82 ft. 4 in.
Total—125 Cars		

## EXPRESS REFRIGERATOR CARS

Numbers	No. of Cars	Length over Buffers
1900 to 1906, 1908 to 1922, 1924 to 1932.....	31	53 ft. 8 in.
1950 to 1956, 1959 to 1973, 1975 to 1979.....	27	47 ft. 8 in.
2000 to 2011, 2013 to 2026, 2028, 2029, 2031 to 2040, 2044 to 2053, 2055 to 2070, 2072 to 2088.....	81	53 ft. 8 in.
2090 to 2139.....	50	53 ft. 2 1/2 in.
Total—189 Cars		

## BOX-EXPRESS CARS

Numbers	No. of Cars	Length over Strikers
2500 (Aluminum Sheathed) R	1	41 ft. 9 in.
2501 to 2524 (Plywood Sheathed) R	24	41 ft. 9 in.
2525 to 2549 (Steel sheathed) R	25	41 ft. 9 in.
Total—50 Cars		

## BAGGAGE AND PASSENGER CARS

Numbers	No. of Cars	Length over Buffers	Baggage Space	Seating Capacity
545*	1	69 ft. 3 in.	24 ft.	40
553, 555*	2	70 ft. 5 in.	31 ft.	34
559	1	70 ft. 5 in.	30 ft.	34
561*	1	68 ft. 5 in.	23 ft.	36
565 to 567*★	3	69 ft. 9 in.	26 ft.	40
569 to 571*□	3	70 ft. 1 in.	22 ft.	40
572*□	1	59 ft. 7 in.	25 ft.	38
573, 574	2	70 ft. 5 in.	24 ft.	34

Total—14 Cars

## MOTOR CARS

Nos.	En-gine	No. of Cars	Horse Power	Length Over Buffers	Class	Mail Com.	Bag-gage Com.	Seat-Capacity
2300*□	G	1	220	59 ft. 10 in.	Bag.	None	49 ft.	None
2301*□	G	1	220	59 ft. 10 in.	M&B	15 ft.	34 ft.	None
2302, 2303*□	G	2	440	59 ft. 10 in.	Bag.	None	34½ ft.	None
2310*□	G	1	220	59 ft. 7 in.	B&P	None	28 ft.	42
2315, 2316*□	D	2	275	64 ft. 7 in.	M&B	15 ft.	33 ft.	None
2317*□	D	1	275	74 ft. 4 in.	M&B	15 ft.	46 ft.	None
2318*□	D	1	275	77 ft. 4 in.	MB&P	15 ft.	30 ft.	22
2319*□	D	1	275	77 ft. 4 in.	M&B	15 ft.	46 ft.	None
2320*□	G	1	220	59 ft. 7 in.	B&P	None	16 ft.	42
2321*□	G	1	220	59 ft. 7 in.	B&P	None	28 ft.	18
2322*□ R	D	1	500	67 ft. 7 in.	Bag.	None	31 ft.	None
2323*□	D	1	275	77 ft. 3 in.	MB&P	15 ft.	25 ft.	14
2324*□	D	1	275	77 ft. 4 in.	MB&P	15 ft.	25 ft.	22

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## MOTOR CARS—Cont.

Nos.	En-gine	No. of Cars	Horse Power	Length over Buffers	Class	Mail Com.	Bag-gage Com.	Seat-Capacity
2325*□	D	1	300	77 ft. 0 in.	MB&P	15 ft.	17 ft.	34
2326 to 2328*□	D	3	300	77 ft. 0 in.	M&B	15 ft.	45 ft.	None
2329*□	D	1	300	77 ft. 0 in.	MB&P	15 ft.	32 ft.	18
2330*□	D	1	300	77 ft. 0 in.	M&B	15 ft.	45 ft.	None
2331*□	D	1	300	77 ft. 0 in.	M&B	15 ft.	45 ft.	None
2332 to 2335*□	D	4	400	74 ft. 0 in.	M&B	15 ft.	41 ft.	None
2336, 2338*□	D	2	400	74 ft. 0 in.	M&B	30 ft.	26 ft.	None
2339*□	D	1	400	78 ft. 1 in.	M&B	30 ft.	31 ft.	None
2341*□ R	D	1	400	77 ft. 11 in.	MB&P	15 ft.	17 ft.	22

Note: G—Gas Engine, D—Diesel Engine.

Total—30 Cars

## COACHES

Numbers	No. of Cars	Length over Buffers	Seating Capacity
600*□	1	62 ft. 2 in.	62
617 to 619, 622 to 624*†□	6	69 ft. 6 in.	68
626, 628 to 631*□	5	69 ft. 6 in.	68
647, 648, 650 to 652, 654 to 659, 667□	12	70 ft. 5 in.	70
(Cars have 6 berth sections)			
668, 669*□	2	71 ft. 2 in.	68
759*†□ (Lunch Service)	1	81 ft. 7 in.	68
760, 761*†□ (Lunch Service)	2	81 ft. 7 in.	43
763*†□ (Partitioned)	1	81 ft. 7 in.	84
764 to 766*†□ (Lunch Service)	3	81 ft. 7 in.	68
767*†□ (Partitioned)	1	81 ft. 7 in.	84
851, 852, 855 to 860, 867 to 869, 873, 878, 880*	14	71 ft. 0 in.	72
881, 882* (Partition)	2	69 ft. 9 in.	72
894, 899* (Partition)	2	81 ft. 5 in.	86
900*†□	1	81 ft. 7 in.	86
901 to 910*□ (908—82 Pass.)	10	81 ft. 7 in.	86
911 to 916*†□	6	81 ft. 8 in.	75
917 to 919*†□	3	81 ft. 9 in.	88
920 to 927*†□	8	82 ft. 2 in.	70
928*†□	1	81 ft. 6 in.	84
930, 931*□	2	81 ft. 7 in.	86
938 to 943*†□ R AM (Reclining Seats)	6	84 ft. 2 in.	58
944 to 949*†□ AM ★ (Lunch Service) (Reclining Seats)	6	84 ft. 2 in.	50
950 to 963, 965, 966*†□ AI	16	81 ft. 7 in.	78

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## COACHES—Cont.

Numbers	No. of Cars	Length over Buffers	Seating Capacity
964, 967 to 973* <input type="checkbox"/> AI	8	81 ft. 7 in.	84
974 to 976* <input type="checkbox"/> AI (Lunch Service)	3	81 ft. 7 in.	52
977* <input type="checkbox"/> AI	1	81 ft. 7 in.	84
978, 979* <input type="checkbox"/> AI	2	81 ft. 7 in.	83
991 to 995* <input type="checkbox"/> AI B (Reclining Seats)	5	81 ft. 11 in.	52
999* <input type="checkbox"/> B AM (Reclining Seats)	1	85 ft. 0 in.	68
1000, 1001* <input type="checkbox"/> (5 Berth Sections)	2	70 ft. 5 in.	66
1002 to 1004* <input type="checkbox"/> (6 Berth Sections)	3	70 ft. 5 in.	62
1099* <input type="checkbox"/> (Emigrant Car) 12 Sec. 1 Drawing Room	1	81 ft. 8 in.	48
1110 to 1113, 1115 to 1118* <input type="checkbox"/> AM B (Reclining Seats)	8	85 ft. 0 in.	60
1120 to 1131* <input type="checkbox"/> B AM (Reclining Seats)	12	85 ft. 0 in.	48
1137 to 1139* <input type="checkbox"/> B AM (Reclining Seats)	3	85 ft. 0 in.	60
Total—160 Cars			

## DINING CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1030 to 1051* <input type="checkbox"/> B AI	22	83 ft. 10 in.	6 Large, 6 Small Tables 36
1150 to 1153, 1155* <input type="checkbox"/> B AM	5	85 ft. 0 in.	6 Large, 6 Small Tables 36
Total—27 Cars			

## DORMITORY CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
670 to 675* <input type="checkbox"/> AM ★ (12 Berth Sects.)	6	82 ft. 4 in.	26

## CAFE-OBSERVATION CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1057* <input type="checkbox"/> B AI	1	84 ft. 6 in.	24
1058* <input type="checkbox"/> AI	1	84 ft. 6 in.	21
1062* <input type="checkbox"/> AI	1	83 ft. 5 in.	21
1063, 1064* <input type="checkbox"/> AI	2	83 ft. 5 in.	24
Total—5 Cars			

## CAFE-PARLOR CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1059* <input type="checkbox"/> AI B	1	81 ft. 11 in.	18
Total—1 Car			

## LUNCH-DORMITORY CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1140 to 1143 1148* <input type="checkbox"/> B AM	5	85 ft. 0 in.	38
Total—5 Cars			

## PARLOR CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1070 to 1076* <input type="checkbox"/> AI	7	83 ft. 11 in.	37
1082* <input type="checkbox"/> AM	1	83 ft. 6 in.	34
1083, 1084* <input type="checkbox"/> AM (Swivel Chairs) (Buffet Observation)	2	83 ft. 6 in.	28
1085, 1086* <input type="checkbox"/> AI (Swivel Chairs) (Buffet Observation)	2	81 ft. 10 in.	28
Total—12 Cars			

## SLEEPING CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1010 to 1014* <input type="checkbox"/> AI ★ (6 Sect., 6 B.R.)	5	83 ft. 0 in.	24
1015, 1016* <input type="checkbox"/> AM ★ (10 Sect., 2 Compt., 1 D.R.)	2	82 ft. 5 in.	26
1017, 1018* <input type="checkbox"/> AM ★ (12 Sect., 1 D.R.)	2	83 ft. 6 in.	26
1019* <input type="checkbox"/> AM ★ (12 Sect., 1 D.R.)	1	82 ft. 11 in.	26
1020, 1021* <input type="checkbox"/> AI ★ (8 Sect.—Diner-Lge.)	2	84 ft. 0 in.	16
1160 to 1166* <input type="checkbox"/> AM ★ B (4 Sect., 4 B.R., 8 Dupl. Rm.)	7	85 ft. 0 in.	24
1170 to 1177, 1180* <input type="checkbox"/> AM ★ B (4 B.R., 16 Dupl. Rm.)	9	85 ft. 0 in.	24
Total—28 Cars			

## OBSERVATION-LOUNGE CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1190 to 1193* <input type="checkbox"/> AM B	4	85 ft. 0 in.	34
Total—4 Cars			

## COACH-DINERS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1145, 1146* <input type="checkbox"/> AM B	2	85 ft. 0 in.	28
Total—2 Cars			

## PARLOR-OBSERVATION CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1195, 1196* <input type="checkbox"/> AM B	2	85 ft. 0 in.	34
Total—2 Cars			

## DINER-OBSERVATION CARS

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1147* <input type="checkbox"/> AM B	1	85 ft. 0 in.	20
Total—1 Car			

## BUSINESS CARS

Number	Length		Number	Length	
	over Buffers			over Buffers	
A-1* □ AI	34 ft.	7 in.	A-10* □ AM	33 ft.	3 in.
A-3* □ AM	68 ft.	0 in.	A-18* □ AM	75 ft.	3 in.
A-4* □ AM	39 ft.	1 in.	A-20* □ AM	80 ft.	3 in.
A-5* □ AM	68 ft.	0 in.	A-22* □ AM	77 ft.	7 in.
A-7* □ AM	33 ft.	5 in.	A-26* □ AI	34 ft.	6 in.
A-8* □ AM	33 ft.	5 in.	A-28* □ AM B	85 ft.	0 in.
A-9* □ AM	77 ft.	2 in.	A-30* □ AM	84 ft.	6 in.

Total—14 Cars

## INSTRUCTION CARS

Numbers	Length
	over Buffers
B-1 (Air Brake)	78 ft. 11 in.
B-2 (Rail Detector)	74 ft. 1 in.
B-3 (Rail Detector)	81 ft. 7 in.

Total—3 Cars

## SUMMARY Passenger Cars

Class	Total
Heater Cars	7
Postal	14
Baggage, Mail and Express	73
Baggage and Mail	5
Baggage and Express	125
Express Refrigerators	189
Box-Express	50
Baggage and Passenger	14
Motor Cars	30
Coaches (Wood)	21
Coaches (Steel)	139
Dining Cars	27
Dormitory	6
Cafe-Observation Cars	5
Cafe-Parlor	1
Lunch-Dormitory	5
Parlor Cars	12
Sleeping Cars	28
Observation-Lounge	4
Coach-Diners	2
Parlor Observation	2
Diner-Observation	1
Business Cars	14
Instruction Cars (Air Brake)	3
<b>Total</b>	<b>777</b>

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## FREIGHT EQUIPMENT

Numbers	Inside Dimensions			Cubic	Lbs.	No.		
	From	To	L. W. H.				Capa-	Capa-
			ft. in.	ft. in.	ft. in.	city	city	Cars
<b>Box Cars—</b>								
	2500	2549	(See Passenger Equipment)					
*	3000	7999	40 0 8 7 7 10	2639	80000			483
(Roof hatches for coke loading)	8800	8839	40 0 8 7 7 10	2689	80000			7
(Hopper Bottom)	8900	8999	40 0 8 7 7 10	2689	80000			81
	9000	9999	40 0 8 7 7 10	2689	80000			936
	10000	10899	40 6 9 2 10 0	3727	100000			893
	10900	11874	40 6 9 2 10 0	3712	100000			974
	18000	18499	40 6 9 2 10 0	3712	100000			500
	18500	19499	40 6 9 2 10 2	3769	100000			1000
*	13000	17276	40 0 8 7 7 10	2689	80000			456
	22744	23493	40 0 8 7 7 10	2689	80000			47
	23494	25993	40 6 8 6 9 0	3098	80000			2359
*	26000	27249	40 0 8 7 7 10	2689	80000			85
	28000	28499	40 0 8 7 7 10	2689	80000			475
	28975	29999	50 6 9 2 10 0	4629	100000			960
	30000	30599	40 6 8 6 9 0	3098	100000			580
	31000	31499	40 6 8 6 9 0	3098	100000			489
*	32000	37154	40 0 8 7 7 10	2689	80000			546
	38000	38499	40 6 9 0 10 0	3645	80000			282
(12 ft. Staggered Doors)	38500	38699	40 6 9 0 10 5	3820	80000			75
(7 ft. Side Doors)	38700	38799	40 6 9 2 10 8	3969	100000			43
(10 ft. Staggered Side Doors)	38900	38988	50 6 9 2 10 0	4629	140000			87
(6 ft. Doors)	38989	38999	50 6 9 2 10 0	4629	140000			10
	42000	42899	50 0 9 2 10 0	4583	100000			872
(10 ft. Staggered Side Doors and Full End Doors)	42900	42999	50 0 9 2 10 0	4583	100000			94
	43000	43499	50 0 9 2 10 0	4583	100000			484
(12 ft. Staggered Side Doors)	43500	43899	50 6 9 2 10 0	4629	100000			394
(12 ft. Staggered Side Doors) and Full end Doors)	43900	43999	50 6 9 2 10 0	4629	100000			98
	44025	44999	40 6 9 2 10 0	3727	100000			970
	45000	52999	40 6 9 2 10 0	3712	100000			7902
<b>Auto Cars—Evans Loaders</b>								
(12 ft. Staggered Side Doors)	38500	38699	40 6 9 0 10 7	3492	80000			121
				110	5	3820		
(14 ft. Staggered Side Doors)	38700	38799	40 6 9 0 10 8	3556	100000			57
				110	8	3969		

\* Arch bar and cast steel trucks

† Height and Capacity with Evans Auto Loader up.

‡ Height and Capacity with Evans Auto Loader down.

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## FREIGHT EQUIPMENT—Cont.

	Numbers		Inside Dimensions			Cubic Capa- city	Lbs. Capa- city	No. of Cars
	From	To	L. ft. in.	W. ft. in.	H. ft. in.			
<b>Stock Cars—</b>								
Sheep Decks.....	53500	53999	35 7	8 4	8 1	2422	80000	492
.....	55000	55199	40 4	8 5	7 10	2651	60000	200
.....	56587	56597	35 7	8 4	8 1	2422	80000	10
.....	56598	56840	36 0	8 4	7 7	2305	80000	221
.....	57600	57999	36 0	8 4	8 1	2449	80000	382
Hog Decks.....	58000	58049	36 6	8 9	8 1	2625	80000	48
.....	58050	58499	36 6	8 9	8 1	2625	80000	445
.....	58500	58749	35 7	8 4	8 1	2422	80000	247
<b>Flat Cars—</b>			Outside Dimensions (Width and Length Over Decking)					
.....	60000	60012	42 5	10 0	4 0	.....	100000	11
.....	60014	60030	42 5	10 0	4 0	.....	100000	16
.....	60032	60033	42 5	10 0	4 0	.....	100000	2
Well Flats.....	60013 and 60031		42 5	10 0	4 0	.....	100000	2
†(Steel Center Sills Only).....								
*.....	62436	62749	40 7	9 4	4 1	.....	80000	123
*.....	62750	62873	40 7	9 4	4 1	.....	80000	48
(Cast Steel Trucks).....	62874	63050	40 7	9 4	4 1	.....	80000	55
*.....	63051	63249	40 7	9 4	4 1	.....	80000	52
*.....	63250	63524	36 6	9 0	4 1	.....	60000	19
†(Steel Center Sills Only).....	63829		40 7	9 1	3 8	.....	80000	1
.....	65000	65499	52 0	9 6	3 8	.....	100000	497
(All Welded).....	66000	66249	52 0	10 4	3 7	.....	140000	249
.....	67000	67549	50 0	8 10	3 8	.....	100000	544
.....	68296	68357	41 6	8 9	4 4	.....	100000	37
.....	68358	68531	41 6	8 9	4 6	.....	100000	85
.....	68542	68585	41 6	8 9	4 6	.....	100000	14
†.....	68622	68799	41 6	8 9	4 6	.....	100000	75
†.....	68800	68899	41 6	8 9	4 5	.....	100000	38
†Logging Steel (Skeleton).....	68900	68999	42 0	8 6	4 2	.....	80000	8
†Logging Steel (Skeleton).....	69000	69299	43 0	8 6	3 10	.....	100000	239
Logging Steel.....	69500	69999	43 0	8 10	3 8	.....	100000	500
† Arch Bar Trucks Gondola (all steel)								
(Door Lengthwise).....	72000	72499	41 0	9 5	4 3	1932	100000	500
Hopper (all steel).....	73000	73199	29 10	9 5	7 0	1850	100000	200
Hopper (all steel).....	73200	73699	34 9	10 1	7 5	2160	100000	492
Covered Hopper (all steel).....	73795	73999	29 3	9 5	7 6	1958	140000	205

## FREIGHT EQUIPMENT—Cont.

	Numbers		Inside Dimensions			Cubic Capa- city	Lbs. Capa- city	No. of Cars
	From	To	L. ft. in.	W. ft. in.	H. ft. in.			
D.B. Gondola (Composite).....	74000	74199	40 0	9 2	5 2	1892	100000	196
D.B. Gondola (all welded) (all steel).....	74500	75499	40 6	9 6	5 4	2053	100000	1000
D.B. Gondola (all steel).....	75500	75999	40 0	9 6	5 1	1920	100000	500
D.B. Gondola (all steel).....	76000	76749	40 0	9 6	5 0	1920	100000	746
D.B. Gondola (all welded all steel).....	76750	76949	40 6	9 6	5 4	2046	100000	200
D.B. Gondola (all steel).....	77000	77249	40 0	9 6	6 7	2518	140000	248
†Hart Convertible (Solid Deck).....	78881	78893	40 0	8 9	3 6	1225	100000	1
†Hog Fuel (Wood).....	79800	79839	39 10	8 6	10 3	3469	100000	39
Ore Cars (all steel) (Even Numbers).....	80000	80936	20 5	7 9	5 7	663	100000	28
Ore Cars (all steel) (Odd Numbers).....	80001	80935	20 3	7 10	5 8	620	100000	49
Ore Cars (all steel).....	80937	84698	20 3	7 10	5 8	620	100000	173
Ore Cars (all steel).....	85500	89999	19 10	10 5	8 7	1262	150000	1085
Ore Cars (all steel).....	87000	89499	19 10	9 9	8 7	1080	150000	1481
Ore Cars (all steel).....	88500	88999	19 7	9 11	8 6	1055	150000	491
Ore Cars (all steel).....	89000	89749	20 5	10 2	8 6	1128	150000	743
Ore Cars (all steel).....	90000	93499	19 10	10 5	8 7	1262	150000	3500
Ore Cars (Composite).....	180371	180766	34 4	8 10	6 5	1180	100000	133
Ore Cars (Composite).....	180767	182266	19 8	7 10	5 6	611	100000	4
† Arch Bar								
* Arch Bar and Cast Steel								

### SUMMARY Freight Cars

Box.....	22182
Automobile.....	178
Stock.....	2045
Flat.....	2615
Hart Cars.....	1
Hopper and Gondola.....	4082
Hog Fuel.....	39
Ore.....	7687
Covered Hopper.....	205
<b>Total.....</b>	<b>39034</b>



## CABOOSE AND WORK EQUIPMENT

	Numbers		No. of Cars
	From	To	
Caboose—30 ft. (Axle Generators)	X- 198	X- 270	73
Caboose—25 ft.	X- 330	X- 749	336
Stockmen's Coaches	X- 750	X- 796	28
Store Supply Cars	X- 801	X- 816, X- 823 X- 835	11 8
Iceing Cars	X- 826		1
Portable Diesel Car	X- 836		1
Rock Crusher and Screening Plant	X- 837		1
Diesel-Electric Power Line Repair Car	X- 838		1
Scale Inspection Cars	X- 843	X- 847	5
Water Cars	X- 800	X- 969	128
Scrap Car	X- 899		1
Fuel Oil Tank Cars (8000 Gallons)	X- 970	X-1035	63
Fuel Oil Tank Cars (10000 Gallons)	X-1036	X-1043	8
Fuel Oil Tank Cars (12000 Gallons)	X-1050	X-1164	109
Fuel Oil Tank Cars (12500 Gallons)	X-1165	X-1334	163
Fuel Oil Tank Cars (16000 Gallons)	X-1350	X-1374	25
Water Tanks—steel (8000 Gallons)	X-1450	X-1499	46
Rotary Snow Plows	X-1501	X-1511	11
Wedge Plows on Hart or Ore Cars	X-1526	X-1581	49
Dozers	X-1600 X-1634 X-1641 X-1664	X-1629 X-1639 X-1645 X-1698	4 5 3 35
Spreaders	X-1700	X-1710	8
Steam Derricks—50 ton	X-1722	X-1726	5
Steam Derricks—60 ton	X-1727	X-1729	3
Steam Derricks—75 ton	X-1730	X-1731	2
Steam Derricks—100 ton	X-1732	X-1734	3
Steam Derricks—150 ton	X-1735	X-1736	2
Steam Derrick—180 ton	X-1737		1
Steam Derrick—200 ton	X-1745		1
Steam Derricks—250 ton	X-1740	X-1741	2
Timber Derricks and Rail Loaders	X-1757		1
Burro Crane	X-1764		1
Steam Locomotive Cranes	X-1783	X-1788	6
Steam Locomotive Cranes and Ditchers	X-1789	X-1796	7
Crawler Crane	X-1797		1
Tractor Crane	X-1798		1
Crawler Crane	X-1799		1
Crawler Shovel	X-1800		1
Crawler Comb. Shovel	X-1801		1
Crawler Lift Crane	X-1802		1
Pile Drivers	X-1809	X-1810	2
Pile Driver	X-1812		1
Convertible Pile Driver and Locomotive Crane	X-1811		1
Convertible Pile Driver and Locomotive Crane	X-1813 X-1816	X-1817	3

## CABOOSE AND WORK EQUIPMENT—Cont.

	Numbers		No. of Cars
	From	To	
Lidgerwood Unloaders X-1829, X-1835, X-1838			3
Gravel Screening and Washing Plant	X-1837		1
Crawler Comb. Shovels	X-1839	X-1840	2
Weed Scalders	X-1846	X-1847	2
Weed Scalders	X-1849		1
Portable Ditcher Cars	X-1851		1
Idler Car	X-1854		1
Diesel Locomotive Crane—30 ton	X-1844		1
Diesel Locomotive Crane—40 ton	X-1845		1
Diesel Cranes	X-1855	X-1859	5
Caterpillar Shovels—steam	X-1861	X-1868	7
Dragline-Crane	X-1869		1
Caterpillar Shovel and Clamshell	X-1870	X-1871	2
Caterpillar Cranes	X-1872	X-1873	2
Crawler Shovel	X-1874		1
High Maintenance Car	X-1875		1
Combination Shovel, Dragline and Clamshell	X-1876	X-1879	4
Caterpillar Shovel—gas-electric	X-1898		1
Caterpillar Shovel—gas	X-1900	X-1902	3
Well Cars—140,000# capacity	X-1910	X-1911	2
Extra Engine Tenders	X-1905	X-1909	4
Extra Engine Tenders	X-1912	X-1999	55
Air Dump Cars	X-2000	X-2096	97
Wheel Cars	X-2100	X-2198	89
Scrap Cars	X-1882	X-1895	12
Soran Cars	X-2200	X-2257	58
Storage Cars	X-2201	X-2550	52
Cinder Cars	X-2251	X-2280	6
Cinder Cars	X-2903	X-2984	42
Cinder Cars	X-2199	X-2818	400
Wrecking, Tool, Idler and Material Cars	X-3600	X-3741	122
Sludge Car	X-2536		1
Water Cars	X-2819	X-2893	44
Oil Tank Cars	X-2807	X2808	2
Ash Cars	X-2894	X-2902	6
Gravel Cars	X-3001	X-3199	185
Gravel Cars	X-3400	X-3599	194
Water Cars	X-3300	X-3345	15
Material Car (B—Equipped for Passenger Operation)	X-3732		1
Fuel Oil Cars	X-3341	X-3375	18
Outfit Cars	01	03204	1123
Outfit Cars (Converted Passenger Cars)	03053	03367	183

Total Caboose and Work Equipment..... 3920

## DUTY PAID EQUIPMENT.

### Steam Locomotives

15	391	723
53	393	

### BOX CARS

3168	7892	8979	14794	27221	34276	35955
3249	7890	13283	15425	27238	35040	36074
5213	7935	13391	16095	32362	35203	36672
5803	7943	18743	16210	32377	35225	36685
6039	8908	13861	26650	33309	35465	
	8940	14358	27186	33655	35518	
	8942	14707		33905	35659	

### FLAT CARS

62627	62850	68315	68321	68380	68556	68776
63636	63199	68317	68371	68505	68559	68843
	68313	68318	68373	68545	68562	68848
		68320	68379	68546	68564	

### FUEL CAR

79816

### STEEL ORE CARS

80158	81012	81260
80938		

## DUTY PAID EQUIPMENT

### Work Equipment

Class	Numbers
Cook.....	0764
Tool and Material.....	01002, 01038, 01202
Welder's Outfit.....	01524
Shower Car.....	01543
Bunk.....	01709, 01788, 01804, 01808, 01985
Outfit.....	02040, 02115, 02117, 02178, 02190, 02213, 02230, 02236, 02260, 02261
Tool and Material.....	02300
Bunk.....	02433, 02436
Kitchen.....	02440
Bunk.....	02495, 02496, 02497
Foreman.....	02543
Bunk.....	02641
Outfit.....	02652, 02655, 02659, 02660, 02661, 02662
Bunk.....	03057, 03059
Telegraph Outfit.....	03121
Boarding.....	03138
Bunk.....	03151
Dining.....	03158
Bunk.....	03305
Water.....	X-944
Fuel Oil Tank.....	X-1065, X-1092
Wedge Plow.....	X-1573, X-1578, X-1579
Dozer.....	X-1644, X-1680
Steam Derrick.....	X-1731
Steam Bridge Derrick.....	X-1757
Locomotive Crane and Ditcher.....	X-1794
Pile Driver.....	X-1809
Lidgerwood Unloader.....	X-1835
Wheel Cars.....	X-2108, X-2114
Scrap Car.....	X-2221
Storage Car.....	X-2300, X-2302, X-2373
Wrecking Car.....	X-2401, X-2490
Material Car.....	X-2391, X-2517, X-2635, X-2698, X-2758
Idler Car.....	X-1854, X-2542, X-2648, X-2649
Idler Car.....	X-2661, X-2670, X-2700, X-2715
Water Car.....	X-2822, X-2847, X-2893
Cinder Car.....	X-2936, X-2956, X-2964, X-2981
Gravel Car.....	X-3016, X-3020
Gravel Car.....	X-3407, X-3408, X-3415, X-3464, X-3470, X-3487, X-3490
Gravel Car.....	X-3507, X-3520, X-3545, X-3549, X-3566, X-3571, X-3573, X-3598
Tool Cars.....	X-3744
Tenders.....	9 and 400