

Great Northern Railway Co.

**Classification and
Numbering of Locomotives
and Equipment**

*List No. 40**

ISSUED

July 1, 1965

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

INDEX

DIESEL ELECTRIC LOCOMOTIVES

Classification	Page	Classification	Page
Air Brake Instr. Car	12	Instruction Cars	12
Air Dump Cars	21	Insulated Box Cars	14
Airslide Cars	16	Locomotives	3
Assignments	24	Locomotive Cranes	21
Auto Trailer Flat Cars	15	Locomotive Cranes & Ditchers	21
Baggage-Dormitory Cars	5	Logging Flats	16
Baggage and Express Cars	5	Lounge-Observation Cars	10
Baggage, Mail and Express Car	4	Lunch-Dormitory Cars	9
Baggage and Passenger Cars	6	Motor Cars	6
Box Cars	13	Multi-Service Hopper Cars	18
Box-Express Cars	6	Observation-Lounge Cars	10
Business Cars	11	Ore Cars	19
Caboose Cars	19	Outfit Cars	22
Cement Cars (Covered Hopper)	16	Parlor Cars	9
Chemical Tank Cars	20	Passenger Refrigerator Cars	6
Cinder Cars	22	PILE DRIVERS	20
Coach-Diner Cars	10	Railway Post Office Cars	4
Coaches	7	Railway Service Cars	12
Covered Gondolas	18	Roadway Machines	22
Covered Hopper	16	Rotary Snow Plows	20
Crawler Cranes	22	Rubbish Cars	21
Derricks	20	Russell Snow Plows	20
Diesel Cranes	21	Safety Instruction Car	12
Diesel Fuel Cars	20	Sand Cars	22
Diesel Locomotives	3	Scale Inspection Cars	20
Dining Cars	8	Scrap Cars	21
Ditchers	21	Sleeper-Observation-Lounge Cars	10
Dome Coaches	8	Sleeping Cars	9-11
Dome Lounge	10	Sludge Cars	20
Dozers	20	Snow Melter	20
Duty Paid Equipment	23	Spreaders	20
Express Refrigerator Cars	6	Stock Cars	14
Fire Cars	21	Stockmens' Coaches	19
Flangers	20	Summary Freight Cars	19
Flat Cars	15	Summary Passenger Cars	12
Fuel Oil Tanks	20	Tank Cars	18
Diesel Motor Cars	6	Trailer Train Flat Cars	16
Gondola Cars	17	TOFC Trailers	19
Gravel Cars	22	Water Cars	19
Heart Research	10	Wedge Plows	19
Heater Cars (Passenger)	4	Weed Sprayers	21
Hog Fuel Cars	13	Well Cars	15
Hopper Cars	16	Wheel Cars	21
		Wrecking Cars	21

CLASS	H. P.	BLDR.	UNITS
SW1	600	E. M. D.	5
SW2	800	E. M. D.	3
SW4	1000	E. M. D.	51
SW6	1000	ALCO.	10
SW7	1200	E. M. D.	21
SW8	1200	B. L. H.	5
SW9	1200	E. M. D.	5
RS1	1000	E. M. D.	3
RS2	1000	E. M. D.	10
RS5	1600	ALCO.	4
GP5	1350	E. M. D.	16
GP7	1500	E. M. D.	56
GP9	1750	E. M. D.	79
GP20	2000	E. M. D.	36
GP30	2250	E. M. D.	17
U-25-B	2500	G. E.	24
SD7	1500	E. M. D.	23
SD9	1750	E. M. D.	27
E7	2000	E. M. D.	12
F-7-9	{1500}	E. M. D.	123
	{1750}		
P-3-7	1500	E. M. D.	66
AF	1600	ALCO.	11
GP35	2500	E. M. D.	24

Total Units—631

1 Motor Car RDC 2350 (Budd Car) assigned Butte Div.

PASSENGER EQUIPMENT

*Electric Lighted
 †Axle Generator Lighting
 ▲Waukesha Enginator
 GM—Genemotor
 DG—Diesel Generator
 AI—Air Conditioned (Ice)
 AM—Air Conditioned (Mechanical)

AW—Air Conditioned (Waukesha)
 R—Roller Bearings
 ★Steel Underframe
 □Solid Steel Construction
 × Wood Posts
 #Lightweight Equipment

Heater Cars

Numbers	Steam Generators	No. of Cars	Length Over Buffers
1 and 2*□RBDG	2-2250 #/Hr.	2	43 ft. 8 in.
3*□RBDG	2-4500 #/Hr.	1	43 ft. 8 in.
4*□RBDG	1-4500 #/Hr.	1	43 ft. 8 in.
5*□RBDG	2-2250 #/Hr.	1	51 ft. 5 in.
6 and 7*□RBDG	2-2250 #/Hr.	2	44 ft. 3 in.
8 and 9*□RBDG	2-4500 #/Hr.	2	44 ft. 3 in.
Total—9 Cars			

Railway Post Office Cars

Numbers	No. of Cars	Length over Buffers
30 to 33, 35, 36 †□R	6	64 ft. 9 in.
Total—6 Cars		

Baggage, Mail and Express Cars

Numbers	No. of Cars	Length over Buffers	Mail Compt.	Baggage Compt.
37 to 40, 42, 43, 44 *†R□#	7	85 ft. 0 in.	60 ft. 0 in.	21 ft. 2 in.
94 to 97*†□R	4	83 ft. 4 in.	30 ft. 1 in.	50 ft. 0 in.
1100 to 1104*†R#	5	85 ft. 0 in.	30 ft. 5 in.	51 ft. 4 in.
1105 to 1107*†R#	3	85 ft. 0 in.	30 ft. 1 in.	51 ft. 2 in.
1108*†R#	1	73 ft. 10 in.	30 ft. 2 in.	39 ft. 10 in.
Total—20 Cars				

Baggage and Express Cars

Numbers	No. of Cars	Length over Buffers
200 to 203*□R (Full End Doors)	4	81 ft. 10 in.
204 to 207*□R	4	81 ft. 10 in.
220*□R	1	65 ft. 1 in.
221 to 225*□R	5	74 ft. 4 in.
226, 227, 228*□R	3	74 ft. 5 in.
229 to 234*□R	6	65 ft. 1 in.
235, 236*□(R235 only)	2	74 ft. 5 in.
237*□	1	64 ft. 2 in.
238*□R	1	74 ft. 5 in.
239 to 241*□	3	65 ft. 1 in.
242 to 245*□R	4	64 ft. 2 in.
246 to 249*□R	4	74 ft. 5 in.
250*□	1	64 ft. 2 in.
251 □R	1	74 ft. 5 in.
253 to 258*†□	6	64 ft. 8 in.
259*†□R	1	75 ft. 1 in.
260, 261*†□	2	64 ft. 2 in.
262 to 265*†□R	4	73 ft. 10 in.
266, 267*†R #	2	73 ft. 10 in.
268, 269*†#R (FULL END DOORS)	2	73 ft. 10 in.
270 to 272*†#R	3	73 ft. 10 in.
273 to 276*†#R	4	79 ft. 2 in.
300 to 307*†□R (306 and 307 have Bonded Compartment)	8	83 ft. 10 in.
308 to 313*□R	6	81 ft. 10 in.
314 to 317*□R	4	83 ft. 4 in.
318, 319*□R	2	83 ft. 11 in.
320, 321*□ (Bonded Compartment)	2	83 ft. 11 in.
322, 323*†□R	2	74 ft. 4 in.
324*□	1	74 ft. 4 in.
364*×	1	70 ft. 1 in.
373, 378*×	2	70 ft. 1 in.
400, 402, 406, 410 to 412, 415 to 417*†×★	9	76 ft. 11 in.
419*×★	1	70 ft. 5 in.
420 *†×	1	76 ft. 6 in.
430*†×	1	69 ft. 9 in.
432, 433, 435*†×	3	83 ft. 5 in.
450, 457, 458*†×	3	76 ft. 6 in.
467, 469*★	2	75 ft. 1 in.
473, 474*†□ (Note)	2	84 ft. 0 in.
475 to 486*†□ (Note)	12	82 ft. 4 in.
487 to 491*†□R	5	82 ft. 3 in.
492 to 495*†□R	4	81 ft. 11 in.
Total—136 Cars		
(Note) Car Nos. 473 to 483 have rider compartment.		

Baggage-Dormitory Cars

Numbers	No. of Cars	Length over Buffers
1200, 1201, 1203 to 1205*GM. AM, R #	5	85 ft. 0 in.
Total—5 Cars		

Express Refrigerator Cars

Numbers	No. of Cars	Length over Buffers
2200 to 2249 # □ B (Leased to R. E. A.)	48	54 ft. 8 in.
Total—48 Cars		

Box-Express Cars

Numbers	No. of Cars	Length over Strikers
2501 to 2524 (Plywood Sheathed) B	24	41 ft. 9 in.
2527 to 2549 (Steel Sheathed) □ B	23	41 ft. 9 in.
2600 to 2615, 2617 to 2649 □ B (Note)	49	52 ft. 7 in.
Total—96 Cars		

Baggage and Passenger Cars

Numbers	No. of Cars	Length over Buffers	Baggage Space	Seating Capacity
567*★	1	69 ft. 9 in.	37 ft. 5 in.	16
570*×	1	70 ft. 1 in.	26 ft. 2 in.	40
571*★	1	70 ft. 1 in.	26 ft. 2 in.	40
573, 574*★	2	70 ft. 5 in.	23 ft. 11 in.	36
577 to 579, 582, 584 to 586*★	7	70 ft. 5 in.	29 ft. 11 in.	28
588, 590*★†	2	70 ft. 5 in.	29 ft. 11 in.	28
593*	1	71 ft. 2 in.	29 ft. 11 in.	28
Total—15 Cars				

Motor Cars

Nos.	En- gine	No. of Cars	Horse Power	Length Over Buffers	Class	Mail Com.	Bag- gage Com.	Seat- Capa- city
2350*★DG, AM, B (Budd RDC)	Diesel	1	600	85'- 0"	B&P	None	33'- 0"	45
Total—1 Car								

Coaches

Numbers	No. of Cars	Length over Buffers	Seating Capacity
938 to 943*†□ B AM (Reclining Seats)	6	84 ft. 2 in.	58
944 to 949*†□ B AM (Reclining Seats) (News Service)	6	84 ft. 2 in.	50
954, 955, 956*†□ AI B (Reclining Seats)	3	81 ft. 7 in.	62
961*†□ AI B (Reclining Seats)	1	81 ft. 7 in.	62
964, 973*†□ AI B (Reclining Seats)	2	81 ft. 7 in.	68
959, 966*†□ AI B (Reclining Seats)	2	81 ft. 7 in.	62
978*†□ AI B (Reclining Seats)	1	81 ft. 7 in.	68
991 to 995*†□ AI B (Reclining Seats)	5	81 ft. 11 in.	52
999*† B AM # (Reclining Seats)	1	85 ft. 0 in.	68
1078 to 1082, 1086 to 1099*† AW # B (Reclining Seats)	19	82 ft. 6 in.	56
1110 to 1113, 1115 to 1118*GM AM B # (Reclining Seats)	8	85 ft. 0 in.	60
1120 to 1135*GM B AM # (Reclining Seats)	16	85 ft. 0 in.	48
1137 to 1139*GM B AM # (Reclining Seats)	3	85 ft. 0 in.	60
1147*GM # AM B (Reclining Seats)	1	85 ft. 0 in.	68
1209, 1210, 1212 to 1214*▲ # B AM (Reclining Seats)	5	85 ft. 0 in.	60
1215 to 1218, 1227 to 1232* AM B # GM (Reclining Seats)	10	85 ft. 0 in.	48
1221 to 1226*GM AM B # (Reclining Seats)	6	85 ft. 0 in.	48
Total—95 Cars			

Dome Coaches

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1320 to 1331*GM AM B #	12	85 ft. 0 in.	24 Up] 70 46 Dn]
Total—12 Cars			

Dining Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1032, 1036, 1040, 1046*†□ B AI	4	83 ft. 4 in. 11 Large, 1 Small Table	46
1150 to 1155*GM B AM #	6	85 ft. 0 in. 12 Large Tables	48
1251 to 1255*GM # B AM	5	85 ft. 0 in. 10 Large, 2 Small Tables	44
Total—15 Cars			

Lunch-Dormitory Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1140 to 1144, 1148*GM # B AM	6	85 ft. 0 in.	21
Total—6 Cars			

Parlor Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1083, 1084*†□ B AM (Revolving Chairs) (Buffet-Parlor)	2	83 ft. 6 in.	26
1085*†AW □ B (Revolving Chairs) (Buffet Parlor)	1	83 ft. 11 in.	26
Total—3 Cars			

Sleeping Cars

(For List of Car Names and Numbers, see page 11)

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1160 to 1166, 1168, 1169, 1180*AM # B GM (4 Sect., 4 B.R., 8 Dupl. Rm.)	10	85 ft. 0 in.	24
1170 to 1174, 1176*AM GM # B (4 B.R., 16 Dupl. Rm.)	6	85 ft. 0 in.	24
1181 to 1188*GM # B AM (4 B.R., 16 Dupl. Rm.)	8	85 ft. 0 in.	24
1260, 1262, 1263, 1264, 1274*GM # B AM (7 Dup. Rm., 6 B.R., 1 Compt.)	5	85 ft. 0 in.	22
1261, 1265, 1267, 1268*GM # B AM (4 Sect., 7 Dupl. Rm., 1 Compt., 3 B.R.)	4	85 ft. 0 in.	23
1270 to 1272*GM # B AM (4 Sect., 7 Dupl. Rm., 1 Compt., 3 B.R.)	3	85 ft. 0 in.	23
1370, 1372 to 1374, 1380, 1381, 1383, 1384*GM # B AM (6 Rmts., 2 Compt., 5 B.R.)	8	85 ft. 0 in.	20
1375 to 1377, 1379*GM # B AM (6 Rmts., 2 Compt., 5 B.R.)	4	85 ft. 0 in.	20
Total—48 Cars			

Observation-Lounge Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1290, 1292 to 1295*▲ # B AM	5	85 ft. 0 in.	32
Total—5 Cars			

Coach-Diners

990*†□ B AI	1	81 ft. 11 in.	48
1060, 1061*†□ AI B	2	83 ft. 4 in.	44
1145, 1146*GM # AM B	2	85 ft. 0 in.	52
Total—5 Cars			

Parlor-Observation Cars

1195, 1196*GM # AM B	2	85 ft. 0 in.	29
Total—2 Cars			

Lounge-Diner-Coffee Shop

1240 to 1242, 1244, 1245*▲ # B AM	5	85 ft. 0 in.	44
Total—5 Cars			

Dome-Lounge Cars

1390 to 1394*DG AM B #	5	85 ft. 0 in.	74 Up } 108 34 Dn }
Total—5 Cars			

Sleeper-Observation-Lounge

Numbers	No. of Cars	Length Over Buffers	Seating Capacity
1190 to 1193, 1197*GM # AM B (4 B.R., 1 Compt., 6 Rm.)	5	85 ft. 0 in.	15 Slpr. } 24 9 Lge. }
1198, 1199*GM # AM B (2 B.R., 8 Dupl. Rm. Buffet-Lge.)	2	85 ft. 0 in.	12 Slpr. } 36 12 Din. }
Total—7 Cars			

Heart Research

1018*†□ AM	1	83 ft. 6 in.	None
Total—1 Car			

Sleeping Car Names and Numbers

1160—Gunsight Pass	1197—Grand Coulee
1161—Ptarmigan Pass	1198—Manitoba Club
1162—Dawson Pass	1199—Winnipeg Club
1163—Piegan Pass	1260—Skykomish River
1164—Logan Pass	1261—Sun River
1165—Triple Divide Pass	1262—Snohomish River
1166—Lincoln Pass	1263—Milk River
1168—Red Gap Pass	1264—Bad Axe River
1169—Swift Current Pass	1265—Chumstick River
1170—Blackfoot Glacier	1267—Skagit River
1171—Ahern Glacier	1268—Mouse River
1172—Grinnell Glacier	1270—Tobacco River
1173—Hanging Glacier	1271—Fraser River
1174—Many Glacier	1272—Spokane River
1176—Sexton Glacier	1274—Bois de Sioux River
1180—Stevens Pass	1370—Rogers Pass
1181—Kintla Glacier	1372—Akamina Pass
1182—Agassiz Glacier	1373—Santiam Pass
1183—Hudson Glacier	1374—Park Creek Pass
1184—Chaney Glacier	1375—Jefferson Pass
1185—Paradise Glacier	1376—Hart Pass
1186—Pumpelly Glacier	1377—State Pass
1187—Tahoma Glacier	1379—Big Horn Pass
1188—Two Ocean Glacier	1380—Suiattle Pass
1190—Choteau Coulee	1381—Haines Pass
1191—Twelve Mile Coulee	1383—Inuya Pass
1192—Corral Coulee	1384—Lewis & Clark Pass
1193—Rocky Coulee	

Business Cars

Numbers	Length over Buffers	Numbers	Length over Buffers
A-1*□ AM B ▲			
GM TR	87 ft. 3 in.	A-11*†★ AW B TR	84 ft. 7 in.
A-3*† TR B	68 ft. 0 in.	A-12*†★ AW B ▲ TR	84 ft. 6 in.
A-7*†★ AW B	83 ft. 5 in.	A-20*†★ AW B TR	80 ft. 3 in.
A-8*† AW B TR	83 ft. 5 in.	A-26*†★ AM B ×	84 ft. 6 in.
A-9*† AI B TR	77 ft. 2 in.	A-28*GM # ▲ AW B TR	85 ft. 0 in.
A-10*†★ AW B TR	83 ft. 3 in.	A-30*GM □ AM B ▲ TR	87 ft. 3 in.

Total—12 Cars

Note:—Cars marked TR have Train Radio.

Railway Service Cars

Numbers	Length over Buffers
B-1*+▲ □ AW B (Air Brake Instruction)	83 ft. 2 in.
B-4*+▲ □ AW B (Safety Instr. Car)	82 ft. 4 in.
B-5*DG □ B AW (Rules Instruction)	82 ft. 4 in.
Total—3 Cars	

SUMMARY Passenger Cars

Class	Non-Air Conditioned	Air Conditioned	Total
Heater Cars	9		9
Railway Post Office Cars	6		6
Baggage, Mail and Express Cars	20		20
Baggage and Express Cars	136		136
Baggage Dormitory Cars		5	5
Express Refrigerator Cars	48		48
Box Express Cars	96		96
Baggage and Passenger Cars	15		15
Motor Cars		1	1
Coaches		95	95
Dome Coaches		12	12
Dining Cars		15	15
Lunch Dormitory Cars		6	6
Parlor Cars		3	3
Sleeping Cars		48	48
Observation Lounge Cars		5	5
Coach Diners		5	5
Parlor Observation Cars		2	2
Lounge-Diner-Coffee Shop		5	5
Dome Lounge Cars		5	5
Sleeper-Observation-Lounge		7	7
Heart Research		1	1
Business Cars	1	11	12
Railway Service Cars		3	3
	331	229	560

FREIGHT EQUIPMENT Box Cars—40 Ft. SINGLE DOORS

Numbers	From	To	Door	*Inside Dimensions			*Cubic ft.	Lbs. Capa- city	Lbs. Capa- city	No. of Cars
				L. ft. in.	W. ft. in.	H. ft. in.				
B	2500		6'	40	6	9 2	10 0	3727	100000	1
	2501	2649		(See Passenger Equipment)						
	5000	5499	6'	40	6	9 2	10 6	3900	100000	487
Plug Door	5109	5215	9'	40	6	9 4	10 6	3966	100000	2
Plug Door	5455	5462	6'5"	40	6	9 4	10 6	3966	100000	2
	5500	6499	6'	40	6	9 4	10 6	3966	100000	967
	10000	11874	6'	40	6	9 2	10 0	3715	100000	1734
	18000	20499	6'	40	6	9 2	10 0	3715	100000	2413
	20500	21939	6'	40	6	9 2	10 6	3900	100000	1389
Roof Hatches										
(4)	21950	21961	6'	40	6	9 2	10 0	3712	100000	11
	23494	25993	6'	40	6	8 6	9 0	3098	80000	18
	27000	27799	6'	40	6	9 2	10 1	3763	100000	788
	30000	31499	6'	40	6	8 6	9 0	3098	100000	141
	32000	33999	6'	40	6	9 2	10 0	3769	100000	1923
	34000	34999	6'	40	6	9 2	10 1	3763	100000	981
DF-2 Loaders	39392	39399	8'	40	6	9 2	10 6	3900	100000	8
Cushioned Tri Belt Loaders	39400	39407	8'	40	6	9 2	10 6	3900	100000	8
Cushioned DF-2 Loaders	39408	39414	8'	40	6	{ 9 2 } { 9 4 }	{ 10 6 } { 3966 }	{ 3900 } { 3966 }	100000	7
DF-2 Loaders	39415	39449	8'	40	6	{ 9 2 } { 9 4 }	{ 10 6 } { 3966 }	{ 3900 } { 3966 }	100000	34
Cushioned Loaders B	39700	39749	9'	40	6	9 4	10 6	3970	100000	49
DF-2 Loaders Cushioned	39990	39999	8'	40	6	9 2	10 6	3900	100000	10
	44025	52999	6'	40	6	9 2	10 0	3727	100000	3762
Note: Cars 47995 and 50068 equipped for Coke Loading.										
Total—14,785 Cars										

Box Cars—40 Ft. DOUBLE DOORS

	3000	3499	15'	40	6	9 2	10 6	3890	100000	486
See Note B	3500	3999	12'	40	6	9 4	10 6	3972	100000	488
B	4000	4199	12'	40	6	9 2	10 1	3763	100000	195
Plug	11875	11887	12'3"	40	6	9 4	10 6	3972	100000	13
Plug B	12000	13499	12'3"	40	6	9 4	10 6	3972	100000	1235
Glacier Park	14000	14499	12'6"	40	6	9 2	10 5	3940	100000	500
Morrison	15000	15549	12'	40	6	9 2	10 0	3720	100000	548
	29001		20'	40	6	8 8	10 6	3665	100000	1
	38700	38799	14'	40	6	9 2	10 8	3969	100000	99
Total—3,565										
Grand Total—18,350 40' Cars										
B—Series 3900-3999 and Series 12000-12999 roller bearing.										
B—Series 4000-4023 have roller bearings.										

Box Cars—50 Ft. SINGLE DOORS

Sand Car	21975		8'	50	6	9 2	10 1	4681	100000	1
Cushioned Plug	36800	36999	9'	50	6	9 4	10 5	4940	140000	200

FREIGHT EQUIPMENT—Cont.

Box Cars—50 Ft. SINGLE DOORS—Cont.

	Numbers	Door	L.	W.	H.	Capa-	Capa-	No.
	From To	ft. in.	ft. in.	ft. in.	city	city	city	of Cars
.....	38900 38999	6'	50	6	9 2 10 0	4629	140000	3
.....	39000 39339	8'	50	6	9 2 10 1	4651	100000	244
DF Loaders.....	39840 39871	8'	50	6	9 0 10 1	4614	100000	30
Car-Pak								
Loaders.....	39450 39499	8'	50	6	9 0 10 1	4614	100000	48
DF Loaders								
Cushioned.....	39500 39699	9'	50	6	9 4 10 6	4940	140000	199
.....	42000 42899	6'	50	0	9 2 10 0	4583	100000	157
Plug								
Cushioned.....	138000 138099	10'	50	8	9 5 11 1	5330	154000	100
Plate "C"								

Total—982 Cars

*—There are slight variances in dimensions and cubic capacity in some series. Refer to Official Railway Equipment Register for details.

Insulated Box Cars—50 Ft. SINGLE DOORS

	Numbers	Door	L.	W.	H.	Capa-	Capa-	No.
	From To	ft. in.	ft. in.	ft. in.	city	city	city	of Cars
Plug								
Cushioned								
Plate "C".....	200000 200074	10'	50	2	9 3 10 8	5017	140000	75

Total—75 Cars

Box Cars—50 Ft. DOUBLE DOORS

	Numbers		Door	*Inside Dimensions			*Cubic Lbs.		No. of Cars
	From	To		L.	W.	H.	city	city	
Morrison.....	17300	17999	12'	50	6	9 2 10 0	4630	100000	404
Morrison.....	17300	17999	12'	50	6	9 2 10 0	4660	100000	294
.....	29000		22'	50	6	9 2 10 0	4629	100000	1
See Note B.....	35000	35999	15'	50	6	9 4 10 6	4933	100000	984
Plug B.....	36000	36749	14'	50	6	9 4 10 5	4928	100000	719
.....	36750	36773	14'	50	6	9 4 10 5	4928	140000	24
Plug B.....	37000	37549	14'	50	8	9 5 10 7	5102	140000	547
Plug.....	37550	37899	14'	50	8	9 5 10 11	5350	154000	300
Plug.....	38000	38299	14'	50	8	9 5 10 11	5350	140000	350
(Note).....	38800	38849	15'	50	6	9 2 10 6	4862	100000	47
.....	40000	40099	15'	50	6	9 2 10 1	4681	100000	92
Note.....	40100	40299	15'	50	6	9 2 10 6	4862	100000	126
.....	41525	41999	12'1"	50	0	9 2 10 0	4583	100000	81
.....	48500	48999	12'	50	6	9 2 10 0	4629	100000	48

Total—4,017 Cars

Grand Total—5,074 50' Cars

Note: B—Cars 35300 to 35399 only have roller bearings.

Note: Fourteen Cars have steel lining for carrying pitch—Nos. 38843, 40106, 40119, 40122, 40134, 40143, 40155, 40167, 40176, 40180, 40193, 40270, 40276, 40289.

*—There are slight variances in dimensions and cubic capacity in some series. Refer to Official Railway Equipment Register for details.

Box Cars—60 Ft. DOUBLE DOORS

	Numbers	Door	L.	W.	H.	Capa-	Capa-	No.
	From To	ft. in.	ft. in.	ft. in.	city	city	city	of Cars
B Cushioned.....								
Plate "C".....	139000 139049	16'	60	9	9 2 10 9	6340	183000	50

Total—50 Cars

Stock Cars

	Numbers	Door	L.	W.	H.	Capa-	Capa-	No.
	From To	ft. in.	ft. in.	ft. in.	city	city	city	of Cars
Double Decks.....	53000 53099	40	5	9	5 10 6	3083	80000	96
Double Deck.....	53100 53245	40	6	9	0 10 1	3686	80000	145

FREIGHT EQUIPMENT—Cont.

Stock Cars—Cont.

	Numbers		Inside Dimensions			Cubic	Lbs.	No.
	From	To	ft. in.	ft. in.	ft. in.			
Doub. Deck, Doub. Door, Shutters.....	54000	54124	40	6	9 0 10 1	3686	80000	123
.....	55200	55399	40	5	8 6 9 0	3098	70000	198
(Double Deck).....	55400		40	5	8 5 10 0	3412	80000	1
.....	55401	55450	40	5	8 6 9 0	3098	70000	50
Note: B.....	55500	55599	40	5	8 5 9 0	3083	80000	99
.....	55600	55749	40	5	9 0 10 6	3829	80000	50
.....	55750	56248	40	5	8 5 9 0	3083	80000	492
.....	56250	56469	40	6	9 0 10 1	3686	80000	220
Hog Decks.....	58000	58049	36	6	8 9 8 1	2625	80000	35
.....	58050	58499	36	6	8 9 8 1	2625	80000	414
Double Deck.....	153000	153004	50	0	9 2 10 0	4583	80000	5
.....	156000	156004	50	0	9 2 10 0	4583	80000	5
Plate "C".....	157000		60	11	9 0 10 1	5500	100000	1

Total—1,934 Cars

Note: B—Cars 55500 and 55501 have roller bearings.

Well Flats

Depressed Center Flats.....	60002, 60011, 60017	42	0	10	0	4	0	100000	3	
Total—6 Cars	60040	60042R ²	52	0	9	11	3	9	180000	3

Total—6 Cars

Note: B²—Cars 60041 and 60042 have roller bearings.

TOFC Flats

.....	60060	60096	53	6	10	6	3	9	100000	37
.....	60200	60344	53	6	10	6	3	9	100000	144
.....	61000	61009	85	0	8	2	3	5	140000	10

Total—191 Cars

Flat Cars

Bulkhead.....	60000	60083	42	0	10	0	4	0	100000	14
Bulkhead.....	60100	60101	48	6	10	3	3	9	100000	2
Bulkhead.....	60102	60106	46	0	10	3	3	8	100000	5
Bulkhead.....	60107	60119	48	10	10	3	3	8	100000	18
(Cast Steel) (Bulkhead).....	60498	60499	50	3	10	6	3	5	140000	2
(Cast Steel) (Bulkhead).....	60500	60529R	48	8	10	6	3	5	100000	30
(Cast Steel) (Bulkhead).....	60530	60549R	48	9	10	6	3	5	100000	20
.....	60550	60569	48	9	10	6	3	5	100000	20
Cushioned Granite Loading.....	60690	60699	49	4	9	9	4	4	140000	10
CLEJAN * (W. Racks).....	61500	61524	85	0	8	4	3	1	140000	25
.....	64000	64096	41	4	9	2	3	7	80000	13
.....	64100	64149	41	4	9	8	3	7	80000	14
Implements.....	64400	64403	52	0	9	1	3	10	100000	4
Articulated.....	64500	64549	89	10	9	1	3	11	200000	50
Articulated.....	64900	64909	89	10	9	4	3	11	200000	10
(Note).....	65000	65499	52	0	9	6	3	8	100000	369
(All Welded).....	65500	65699	53	6	10	6	3	9	100000	18
Cast Steel.....	65700	65749	51	11	9	4	3	8	100000	50

FREIGHT EQUIPMENT—Cont.

Flat Cars—Cont.

	Numbers		Inside Dimensions			Cubic Capa- city	Lbs. Capa- city	No. of Cars
	From	To	L. ft. in.	W. ft. in.	H. ft. in.			
(All Welded) (Note)	66000	66249	52 0	10 4	3 7	140000*	238	
.....	66006	66207	52 0	10 4	3 7	200000	2	
.....	67000	67549	50 0	8 10	3 8	100000	471	
.....	68343		41 6	8 9	4 3	100000	1	
Cushioned (Cast Steel)								
Plate "C".....	160000	160009	60 0	10 0	3 8	140000	10	
Cast Steel Cushioned								
Plate "C".....	160010	160059	59 0	9 4	3 8	140000	50	
(Cast Steel (Bulk- head) Cushioned	160100	160129	48 7	10 4	3 7	180000	30	
Bulkhead.....	160130	160139	48 7	10 0	3 8	180000	10	
Bulkhead Cushioned.....	160500	160509	61 0	9 2	4 2	180000	10	
Plate "C" Cushioned.....	161000	161299	61 6	9 4	3 8	154000	300	
Total—1,791 Cars								

Note: Twenty-four cars in series 66000 to 66249 (Scattered Numbers) are equipped for loading aluminum billets.

Note: Cars 65039 and 65309 are bulkhead flats.

*61500 thru 61509 equipped with Tri Level Auto Racks.

Trailer Train Flats

As of July 1st, we had 268 TTX 85 ft. and 89 ft. flats under lease of which 143 (9—85' and 134—89') are equipped with Tri Level Racks and 50 (28—85' and 22—89') with Bi Level Racks, and 75—85 ft. in TOFC service.

Logging Flats

(Skeleton).....	69000	69299	43 0	8 6	3 9	80000	7
.....	69300	69424	41 4	9 10	3 8	80000	103
.....	69425	69454	48 3	9 6	4 6	100000	40
.....	69500	69999	43 0	8 10	3 8	100000	334
Total—484 Cars							

Airslide Hoppers

Twin.....	71795	71819	48 11	9 11		4180 188000	25
Single Hop.....	71820	71839	29 6	9 11		2600 140000	20
Single Hop.....	71840	71859	29 6	9 11		2600 140000	20
Single Hop.....	71860	71899	29 6	9 11		2600 140000	40
Single Hop.....	71900	71909	29 6	9 11		2600 100000	10
Single Hop.....	71910	71949R	29 6	9 11		2600 100000	40
Total—155 Cars							

Covered Hoppers

Twin.....	71000	71099R	29 3	9 5		1958 140000	96
Twin.....	71100	71199R	29 3	9 5		1958 140000	100
Twin.....	71200	71404R	29 3	9 5		1958 140000	205
Twin.....	71405	71504R	29 3	9 5		2006 140000	100
Triple Hopper (Note)	71505	71579	41 1	9 11		3215 140000	75

FREIGHT EQUIPMENT—Cont.

Covered Hopper—Cont.

	Numbers		Inside Dimensions			Cubic Capa- city	Lbs. Capa- city	No. of Cars
	From	To	L. ft. in.	W. ft. in.	H. ft. in.			
Six Hop. Aluminum	71580	71593	43 1	10 7		4000 180000	14	
Six Hop. Aluminum	71594	71618	43 1	10 7		4000 200000	24	
Triple Hopper (Note)	71700	71739	46 0	9 11		4000 180000	40	
Triple Hopper	71740	71769	46 0	9 11		4000 200000	29	
(Note)	71950	71999R	41 0	9 5		2893 140000	50	
.....	73765	73794	23 9	9 5		1000 100000	30	
Zinc Loading	73985	73999	23 9	9 5		1000 100000	15	
.....	170995	170999				4000 200000	5	
Six Hop. Steel	171000	171049	41 3	10 7		3960 200000	50	
Triple	171050	171099	50 0	9 11		4650 198000	50	
Plate "C" Triple	171100	171149	49 9	10 7		4650 198000	50	
Plate "C" Triple	171150	171249	49 9	10 7		4650 198000	100	
Plate "C" Quad	171250	171449	53 3	10 7		5250 198000	200	
Total—1,233 Cars								

Note: 10 cars in each series have pneumatic unloaders.

Gondola (General Service)

(Door Lengthwise)	72000	72499	41 0	9 5	4 3	1925	1932	100000	433
(Some Cars Have High Sides)									

Total—433 Cars

Hopper (all steel)

Triple.....	70000	70399R	42 10	9 7		2750 140000	400
Quad.....	70400	70499	47 11	9 9		3433 198000	100
Twin.....	73000	73199	29 10	9 5		1622 100000	29
Twin.....	73200	73699	34 9	10 1		2160 100000	489
.....	73700	73764	25 6	9 5		1253 100000	62
Total—1,080 Cars							

Gondola

Mill.....	72500	72749	41 6	9 6	4 7	1807 140000	219
Container	72750	72773	41 6	9 6	4 7	1807 140000	24
Mill	72800	72999	52 6	9 6	4 0	1995 140000	147
Mill (Note) ³	73850	73877	52 6	9 6	4 0	1995 140000	28
.....	74000	74199	40 2	9 7	5 2	1910 100000	13
.....	74500	74999	40 6	9 6	5 4	2048 100000	492
.....	75000	75499	40 6	9 6	5 4	2048 100000	484
(All Welded)							
(Note) ¹	75500	75999	40 0	9 6	5 1	1962 100000	482
(Note) ²	76000	76749	40 0	9 6	5 0	1908 100000	175
(All Welded)	76750	76949	40 6	9 6	5 4	2038 100000	194
.....	77250	77490	40 0	9 6	5 6	2124 140000	117
Mill.....	78800	78899	52 6	9 4	4 0	2000 154000	100
Mill.....	78900	78999	52 6	9 6	4 0	1995 154000	100
Mill.....	79000	79024R	65 5	7 9	3 6	1775 140000	25
Mill.....	79025	79049R	65 5	7 9	3 6	1748 140000	24

Total—2,624 Cars

Note¹: 7 cars have side boards—2677 cu. ft. capy.

Note²: Fifty-eight cars in series 76000 to 76749 have solid bottom.

Note³: 28 cars have permanent blocking for billet loading.

FREIGHT EQUIPMENT—Cont.

Covered Gondolas

.....	73799	65	5	7	9	3	6	1748	140000	1	
.....	73800	73824	52	6	9	6	4	0	1995	130000	25
Total—26 Cars	(73821 to 73824 have moveable bulkheads)										

Multi-Service Hopper

(All Steel).....	78000	78299B	40	8	10	1	2505	140000	294
Total—294 Cars									

Hog Fuel and Wood Chip Cars

(Wood Chip-Com- posite).....	74000	74199	40	0	9	2	10	10	3996	100000	17
.....	74200	74220	40	4	9	4	11	0	4322	100000	21
.....	74221	74314	50	0	9	2	10	0	4583	100000	112
.....	74285	74294	40	4	9	4	11	0	4322	100000	10
.....	74295	74314	50	0	9	2	10	0	4583	100000	20
.....	76002,										
.....	76413,	76498	40	0	9	6	10	10	3996	100000	3
Wood Chip Plate "C".....	174000	174049	60	5	9	0	10	11	6024	150000	50
Total—233 Cars											

Ore Cars

.....	85500	86999	19	10	10	5	8	7	998	150000	917
.....	87000	88499	19	10	9	9	8	7	892	150000	1347
.....	88500	88999	19	7	9	11	8	6	877	150000	308
.....	89000	89749	20	5	10	2	8	6	936	150000	455
.....	90000	93499	19	10	10	5	8	7	998	150000	3310
.....	93500	94199	19	10	10	5	8	7	998	150000	692
.....	94200	94247	19	10	10	5	8	7	998	150000	48
.....	95000	95039	19	11	10	6			1310	150000	40
Total—7,117 Cars											

Tank Cars

23,450 Gal.—100000	100049	188000	50
25,336 Gal.—100050	100099	185000	50
Total—100 Cars				

TOFC TRAILERS

	From	To	Cubic Capcy.	No. of Trailers
Insulated	40 Ft. Vans 70-700	70-719	2315	20
	40 Ft. Refgrs.			
Insulated with Mech. Units	50-1051	50-1070	2104	20
Insulated with Mech. Units	50-1089	50-1103	2065	15
	40 Ft. Flatbeds 30-600	30-614	—	15
	40 Ft. Hopper 40-1100			1
Total—71 Trailers				

SUMMARY Freight Cars

Airslide.....	155
Box.....	23,474
Covered Hopper.....	1,233
Covered Gondolas.....	26
Flat.....	2,275
Hog Fuel and Wood Chip.....	233
Hopper and Gondola.....	4,431
Insulated Box.....	75
Ore.....	7,117
Stock.....	1,934
Tank.....	100
Total.....	41,053

CABOOSE CARS AND STOCKMEN'S COACHES

	Numbers		No. of Cars
	From	To	
Caboose—30 ft. (Axle Generator).....	X- 1	X- 95	95
Caboose-Baggage—50 ft. (Axle Generator).....	X- 100		1
Caboose—30 ft. (Axle Generator).....	X- 175	X- 310	109
Caboose—25 ft.	X- 330	X- 749	113
Stockmen's Coaches.....	X- 750	X-796	17
Total—335 Cars			

WORK EQUIPMENT

Water Cars	
X-800 to X-6900.....	132 Cars
Scale Inspection Cars	
X-844 to X-846.....	3 Cars
Sludge Cars	
X-2536, X-2900, X-2901.....	3 Cars
Fuel Oil Tank Cars	
6,000 Gal. X-802.....	1 Car
8,000 Gal. X-970 to X-1035, X-1450 to X-1499.....	50 Cars
10,000 Gal. X-1038 to X-1040, X-1042, X-1043.....	4 Cars
12,000 Gal. X-1050 to X-1164.....	90 Cars
12,500 Gal. X-1165 to X-1334.....	145 Cars
16,000 Gal. X-1350 to X-1374.....	23 Cars
19,000 Gal. X-1375 to X-1424.....	50 Cars
Rotary Snow Plows	
X-1505, X-1507 to X-1511.....	6 Cars
Russell Snow Plows	
X-1520, X-1521.....	2 Cars
Wedge Plows on Ore Cars	
X-1532, X-7500 to X-7506.....	8 Cars
Wedge Plows on Tenders	
X-1569, X-1573 to X-1577, X-1582 to X-1587, X-1589, X-1590.....	14 Cars
Chemical Tanks	
X-2902, X-7601, X7602.....	3 Cars
Flanger	
X-1600, X-1601.....	2 Cars
Snow Melter	
X-1620.....	1 Car
Dozers	
X-1626 to X-1630, X-1634, X-1638, X-1639, X-1641, X-1664 to X-1685, X1687 to X-1689, X-1691 to X-1698, X-7300 to X-7302.....	45 Cars
Spreader	
X-1705 to X-1711.....	7 Cars
Steam Derricks	
75 Ton X-1730.....	1 Car

WORK EQUIPMENT—Cont.

Diesel Derricks	
100 Ton X-1732, X-1733, X-1734.....	3 Cars
150 Ton X-1735, X-1736, X-1738.....	3 Cars
160 Ton X-1737.....	1 Car
200 Ton X-1745.....	1 Car
250 Ton X-1746, X-1741, X-1742, X-1743.....	4 Cars
Diesel Locomotive Cranes	
X-1803, X-1841 to X-1845, X-1852, X-1855 to X-1859, X-1880, 13 Cars	
Diesel Pile Drivers	
X-1851, X-9100, X-9101, X-9102.....	4 Cars
Fire Cars	
X-1821 to X-1824, X-1825.....	5 Cars
Weed Sprayers	
X-1847, X-1849, X-1850, X-1853, X-7600, X-7603.....	6 Cars
Diesel Crane and Ditcher	
X-1848.....	1 Car
Scrap Cars	
X-2203 to X-5932.....	72 Cars
Well Cars	
140,000 Lbs. Cap. X-1910, X-1911.....	2 Cars
Diesel Fuel Cars	
X-6000, X-6001, X-6002, X-6012, X-6013.....	5 Cars
Diesel Truck Cars	
X-7975 to X-7977.....	3 Cars
Air Dump Cars	
X-2005 to X-2068.....	30 Cars
X-7000 to X-7049.....	50 Cars
Wheel Cars (Note¹)	
X-2100 to X-7105.....	84 Cars
Rubbish Cars	
X-5146 to X-5866.....	6 Cars
Storage Cars	
X-2259 to X-5699.....	50 Cars
Wrecking, Tool, Idler and Material Cars (Note²)	
X-1837 to X-7911.....	661 Cars
Note ¹ —X-2123 and X-2124 B have steam and signal line.	
Note ² —Following cars included above are used by wrecking crews as boarding cars: X-2395, X-2396, X-2441, X-2448, X-2465, X-2473, X-2483, X-2486, X-2503.	

WORK EQUIPMENT—Cont.

Cinder Cars		
X-2277, X-3182, X-3194	3 Cars	
Sand Cars		
X-2950 to X-2959, X-2964 to X-2978, X-2980 to X-2999	45 Cars	
Company Coal Cars		
X-4803, X-4804, X-7900 to X-7911	14 Cars	
Gravel Cars		
X-3007 to X-3176	5 Cars	
X-3400 to X-3599	30 Cars	
Fuel Oil Cars		
X-3347, X-3353, X-3354, X-3360, X-4500	5 Cars	
Outfit Cars		
01228 to 02999	260 Cars	
03000 to 03499	164 Cars	
03500 to 06499	202 Cars	
Note: Included in above are tool cars, material cars, boarding cars, etc.		
Total Caboose and Work Equipment		

ROADWAY MACHINES

Note: Following symbols used to designate auxiliary equipment:

b—Backhoe	p—Pile Driver
c—Clamshell	r—Propulsion Car (Rail Aid)
d—Dragline	s—Shovel
m—Magnet	

	Auxiliary Equipment	G. N. Number From To	Number of Units
Crawler Shovels			
Lima-Hamilton		R-1874	1
Harnischfeger (P. & H.)		R-1903	1
American Hoist & Derrick		R-8601	1
Crawler-Combination Cranes			
Harnischfeger (P. & H.)	c d p	R-1800	1
Koehring	c d r	R-1801	1
Manitowoc	c m	R-1802	1
Koehring	m	R-1804	1
Koehring	c d r	R-1805 R-1807	3
Bucyrus-Erie	c d s	R-1808	1
Koehring	c d r	R-1832 R-1834	3
Bucyrus-Erie	c d s	R-1839	1
Bucyrus-Erie	c	R-1840	1
Bucyrus-Erie	c d s	R-1861	1
Koehring	c d s	R-1870	1
Bucyrus-Erie	c d s	R-1876 R-1879	4
Koehring	c d s	R-8001	1

ROADWAY MACHINES—Cont.

American Hoist & Derrick	c d	s	R-8003		1
American Hoist & Derrick	c d	s	R-8005		1
Koehring	c d		R-8006		1
American Hoist & Derrick	c d p		R-8007, R-8008		2
Koehring	c d	s	R-8009		1
Koehring	c d	r	R-8010		1
American Hoist & Derrick		m	R-8011		1
American Hoist & Derrick	c d		R-8012		1
Bucyrus-Erie	c d	s	R-8013		1
Koehring	b c d		R-8201		1
Koehring	c	r	R-8202 R-8203		2
Self-Propelled Wheel Cranes					
Orton		m	R-8702		1
Unit			R-8701		1
Coles		m	R-8703		1
Austin-Western (Hydraulic)			R-8704		1
Koehring		m	R-8705		1
Austin-Western (Hydraulic)			R-8706		1
Rail Cranes					
Parson			RC-4 RC-5		2
Cullen-Friestedt (Burro)					
		m	RC-19 RC-23		5
		m	RC-24		1
			RC-25		1

Note: Some of the cranes listed above are not carried in Roadway Machines Account, but included here because similar type.

MISCELLANEOUS EQUIPMENT

(See Roadway Machines for list of symbols used to designate auxiliary equipment)

Truck Cranes

Bay City	c	TC-1	1
Harnischfeger (P. & H.)	c d	TC-3	1
Bay City	c d p	TC-4	1
Bucyrus-Erie	c d	TC-5	1
Thew-Lorain	c p	TC-6	1
A H & D	c d p m	TC-7	1
A H & D	c d	TC-8	1
Bucyrus-Erie	c d p	TC-9	1
Bucyrus-Erie	c d p	TC-10	1
Bucyrus-Erie	c d p m	TC-11, TC-12	2
A H & D	c d p m	TC-13	1
Gradall		1303-A	1

DUTY PAID EQUIPMENT

Work Equipment

Outfit	02260
Idler Cars	X-1854
Storage Car	X-2267
Tool Car	X-2389
Material Cars	X-2517, X-2698

Roadway Machines

Crawler Crane	R-1840
---------------------	--------

ASSIGNMENTS

Business Cars

A-1 Vice President—Traffic	A-11 Chief Mech. Officer
A-3 Supt., Kalispell Divn.	A-12 Gen. Mgr.—Lines West
A-7 Unassigned	A-20 Supt., Butte Divn.
A-8 Chief Engineer	A-26 Vice Pres., Executive Dept., Seattle
A-9 Supt., Cascade Divn.	A-28 President
A-10 Gen. Mgr.—Lines East	A-30 Vice Pres., Operating Dept.

Special Equipment

Location	Heater Car	Rotary Plow	Wrecking Derrick
Superior	—	—	X-1735—150 Tons
Minneapolis Jct.	No. 3—8000 Lbs./Hr.	—	X-1730—75 Tons
"	—	—	X-1741—250 Tons
Willmar	No. 7—4500 Lbs./Hr.	—	—
Sioux City	—	—	X-1733—100 Tons
Fargo	No. 1—4500 Lbs./Hr.	—	X-1738—150 Tons
"	No. 2—4500 Lbs./Hr.	—	—
Grand Forks	—	—	X-1734—100 Tons
Minot	No. 5—4500 Lbs./Hr.	—	X-1742—250 Tons
Williston	No. 8—8000 Lbs./Hr.	—	—
Havre	—	X-1507	X-1743—250 Tons
Great Falls	—	—	X-1736—150 Tons
Whitefish	No. 9—8000 Lbs./Hr.	X-1509	X-1745—200 Tons
"	—	X-1508	—
Hillyard	No. 6—4500 Lbs./Hr.	X-1511	X-1740—250 Tons
Interbay	No. 4—4000 Lbs./Hr.	X-1510	X-1737—160 Tons
Klamath Falls	—	—	X-1732—100 Tons
Total	9 Cars	5 Rotaries	13 Derricks