

INDEX

Classification	Page	Classification	Page
Air Brake Instr. Car	10	Instruction Cars	10
Air Dump Cars	19	Insulated Box Cars	12
Airslide Cars	15	Locomotive Cranes	19
Anode Cars	14	Locomotive Cranes & Ditchers	19
Assignments	22	Logging Flats	15
Auto Trailer Flat Cars	15	Lge.-Din. Coffee Shop	8
Baggage-Dormitory Cars	3	Lunch-Dormitory Cars	7
Baggage and Express Cars	3	Motor Cars	4
Baggage, Mail and Express Car	2	Multi-Service Hopper Cars	17
Baggage and Passenger Cars	4	Observation-Lounge Cars	8
Box Cars	11	Ore Cars	17
Box-Express Cars	4	Outfit Cars	20
Business Cars	9	Parlor Cars	7
Caboose Cars	18	Parlor Obs	8
Cement Cars (Covered Hopper)	15	Passenger Refrigerator Cars	4
Chemical Tank Cars	19	Pile Drivers	19
Cinder Cars	20	Railway Service Cars	10
Coach-Diner Cars	8	Roadway Machines	20
Coaches	5	Rotary Snow Plows	18
Covered Gondolas	17	Rubbish Cars	20
Covered Hopper	15	Russell Snow Plows	19
Crawler Cranes	20	Safety Instruction Car	10
Derricks	19	Sand Cars	20
Diesel Cranes	19	Scale Inspection Cars	18
Diesel Fuel Cars	19	Scrap Cars	19
Diesel Motor Cars	4	Sleeper-Observation-Lounge Cars	8
Dining Cars	6	Sleeping Cars	7-9
Ditchers	19	Sludge Cars	18
Dome Coaches	6	Spreaders	19
Dome Lounge	8	Stock Cars	13
Dozers	19	Stockmen's Coaches	18
Duty Paid Equipment	22	Summary Freight Cars	18
Express Refrigerator Cars	4	Summary Passenger Cars	10
Fire Cars	19	Tank Cars	17
Flat Cars	14	Trailer Train Flat Cars	15
Fuel Oil Tanks	18	TOFC Trailers	17
Gondola Cars	16	Water Cars	18
Gravel Cars	20	Wedge Plows	19
Heater Cars (Passenger)	2	Weed Sprayers	19
Hopper Cars	16	Well Cars	13
		Wheel Cars	19
		Wood Chip Cars	17
		Wrecking Cars	19

PASSENGER EQUIPMENT

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

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

Heater Cars

Numbers	Steam Generators	No. of Cars	Length Over Buffers
1 and 2*□DG	2-2250 #/Hr.	2	43 ft. 8 in.
3*□DG	2-4500 #/Hr.	1	43 ft. 8 in.
4*□DG	1-4500 #/Hr.	1	43 ft. 8 in.
5*□DG	2-2250 #/Hr.	1	51 ft. 5 in.
6 and 7*□DG	2-2250 #/Hr.	2	44 ft. 3 in.
8 and 9*□DG	2-4500 #/Hr.	2	44 ft. 3 in.
10 to 19*□DG	2-4500 #/Hr.	10	49 ft. 6 in.
Total—19 Cars			

Baggage, Mail and Express Cars

Numbers	No. of Cars	Length over Buffers	Mail Compt.	Baggage Compt.
37 to 40, 42, 43, 44, 45*†□#	8	85 ft. 0 in.	60 ft. 0 in.	21 ft. 2 in.
49*†□	1	64 ft. 2 in.	15 ft. 1 in.	45 ft. 1 in.
1100, 1103, 1104*†#	3	85 ft. 0 in.	30 ft. 5 in.	51 ft. 4 in.
1105 to 1107*†#	3	85 ft. 0 in.	30 ft. 1 in.	51 ft. 2 in.
1108*†#	1	73 ft. 10 in.	80 ft. 2 in.	39 ft. 10 in.
Total—16 Cars				

Baggage and Express Cars

Numbers	No. of Cars	Length over Buffers
200 to 203*□ (Full End Doors)	4	81 ft. 10 in.
204, 206, 207*□	3	81 ft. 10 in.
220*□	1	65 ft. 1 in.
221 to 225*□	5	74 ft. 4 in.
226, 227, 228*□	3	74 ft. 5 in.
229 to 234*□	6	65 ft. 1 in.
235, 236*□ (235 only)	2	74 ft. 5 in.
237*□	1	64 ft. 2 in.
238*□	1	74 ft. 5 in.
239 to 241*□	3	65 ft. 1 in.
243, 244*□	2	64 ft. 2 in.
246 to 249*□	4	74 ft. 5 in.
251 □	1	74 ft. 5 in.
253 to 258*†□	6	64 ft. 8 in.
259*†□	1	75 ft. 1 in.
260, 261*†□	2	64 ft. 2 in.
262 to 265*†□	4	73 ft. 10 in.
266, 267*† #	2	73 ft. 10 in.
268, 269*† # (FULL END DOORS)	2	73 ft. 10 in.
270 to 272*† #	3	73 ft. 10 in.
273 to 276*† #	4	79 ft. 2 in.
277, 278, 279*† #	3	72 ft. 10 in.
280*† #	1	85 ft. 0 in.
300 to 307*†□ (306 and 307 have Bonded Compartment)	8	83 ft. 10 in.
308 to 313*†□	6	81 ft. 10 in.
314 to 317*□	4	83 ft. 4 in.
318, 319*□	2	83 ft. 11 in.
320, 321*□ (Bonded Compartment)	2	83 ft. 11 in.
322, 323*†□	2	74 ft. 4 in.
324*□	1	74 ft. 4 in.
473, 474*†□ (Note)	2	84 ft. 0 in.
475 to 486*†□ (Note)	12	82 ft. 4 in.
487 to 491*†□ (Note)	5	82 ft. 3 in.
492 to 495*†□	4	81 ft. 11 in.
Total 112 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 #	5	85 ft. 0 in.
Total—5 Cars		

Express Refrigerator Cars

Numbers	No. of Cars	Length over Buffers
2200 to 2249 # <input type="checkbox"/> (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)	24	41 ft. 9 in.
2527 to 2544, 2546 to 2549 (Steel Sheathed) <input type="checkbox"/>	22	41 ft. 9 in.
2600 to 2615, 2617 to 2649 <input type="checkbox"/> (Note)	48	52 ft. 7 in.
Total—94 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
571*★	1	70 ft. 1 in.	26 ft. 2 in.	40
573, 574*★	2	70 ft. 5 in.	23 ft. 11 in.	36
582, 584, 585*★	3	70 ft. 5 in.	29 ft. 11 in.	28
590*★†	1	70 ft. 5 in.	29 ft. 11 in.	28
Total—8 Cars				

Motor Cars

Nos.	En- gine	No. of Cars	Horse Power	Length Over Buffers	Class	Mail Com.	Bag- gage Com.	Seat- gine Capa- city
2350*#DG, AM, (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, 947 <input type="checkbox"/> AM	7	84 ft. 2 in.	58
944, 945*† <input type="checkbox"/> AM (News Service)	2	84 ft. 2 in.	44
946, 948, 949*† <input type="checkbox"/> AM (News Service)	3	84 ft. 2 in.	50
954, 955, 956*† <input type="checkbox"/> AI	3	81 ft. 7 in.	62
961*† <input type="checkbox"/> AI	1	81 ft. 7 in.	62
959, 966*† <input type="checkbox"/> AI	2	81 ft. 7 in.	62
1072*† AS #	1	85 ft. 0 in.	56
1075*† AW #	1	85 ft. 0 in.	64
1976 to 1082, 1086 to 1099*† AW #	21	82 ft. 6 in.	56
1110 to 1113, 1115 to 1118*GM AM #	8	85 ft. 0 in.	60
1120 to 1135*GM AM #	16	85 ft. 0 in.	48
1137 to 1139*GM AM #	3	85 ft. 0 in.	60
1147*GM # AM	1	85 ft. 0 in.	68
1209, 1210, 1212 to 1214*▲ # AM	5	85 ft. 0 in.	60
1215 to 1218, 1221 to 1232* AM # GM	16	85 ft. 0 in.	48
1300 to 1304*† <input type="checkbox"/> AM #	5	85 ft. 0 in.	68
Total—95 Cars			

Dome Coaches

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1320 to 1331*GM AM # (Reclining Seats)	12	85 ft. 0 in.	24 Up} 46 Dn}

Total—12 Cars

Lunch-Dormitory Cars

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

Total—6 Cars

Dining Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1032*†□ AI	1	83 ft. 4 in. 11 Large, 1 Small Table	46
1150 to 1155*GM AM #	6	85 ft. 0 in. 12 Large Tables	48
1156*† AW #	1	85 ft. 0 in. 12 Large Tables	48
1251 to 1255*GM # AM	5	85 ft. 0 in. 10 Large, 2 Small Tables	44

Total—13 Cars

Parlor Cars

Numbers	No. of Cars	Length over Buffers	Seating Capacity
1083, 1084*†□ AM (Revolving Chairs) (Buffet-Parlor)	2	83 ft. 6 in.	26
1085*†AW □ (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 # GM (4 Sect., 4 B.R., 8 Dupl. Rm.)	10	85 ft. 0 in.	24
1170 to 1174*AM GM # (4 B.R., 16 Dupl. Rm.)	5	85 ft. 0 in.	24
1181 to 1184, 1186 to 1188*GM # AM (4 B.R., 16 Dupl. Rm.)	7	85 ft. 0 in.	24
1260, 1262, 1263, 1264, 1274*GM # AM (7 Dup. Rm., 6 B.R., 1 Compt.)	5	85 ft. 0 in.	22
1261, 1265, 1267*GM # AM (4 Sect., 7 Dupl. Rm., 1 Compt., 3 B.R.)	4	85 ft. 0 in.	23
1270 to 1272*GM # 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 # AM (6 Rmts., 2 Compt., 5 B.R.)	8	85 ft. 0 in.	20
1375 to 1377, 1379*GM # AM (6 Rmts., 2 Compt., 5 B.R.)	4	85 ft. 0 in.	20

Total—46 Cars

Observation-Lounge Cars

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

Coach-Diners

1060, 1061*†□ AI	2	83 ft. 4 in.	44
1073, 1074*†AS #	2	85 ft. 0 in.	56
1145, 1146*GM # AM	2	85 ft. 0 in.	52
Total 6 Cars			

Parlor-Observation Cars

1195, 1196*GM # AM	2	85 ft. 0 in.	20
Total—2 Cars			

Lounge-Diner-Coffee Shop

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

Dome-Lounge Cars

1390 to 1394*DG AM #	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
1198, 1199*GM # AM (2 B.R., 8 Dupl. Rm. Buffet-Lge.)	2	85 ft. 0 in.	12 Slpr. } 12 Din. } 36 12 Lge. }
Total—2 Cars			

Sleeping Car Names and Numbers

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

Business Cars

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

Total—8 Cars

Note:—Cars marked TR have Train Radio.

Railway Service Cars

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

SUMMARY

Passenger Cars

Class	Non-Air Conditioned	Air Conditioned	Total
Heater Cars	19		19
Baggage, Mail and Express Cars	16		16
Baggage and Express Cars	112		112
Baggage Dormitory Cars		5	5
Express Refrigerator Cars	48		48
Box Express Cars	94		94
Baggage and Passenger Cars	8		8
Motor Cars		1	1
Coaches	95		95
Dome Coaches	12		12
Dining Cars	13		13
Lunch Dormitory Cars	6		6
Parlor Cars	3		3
Sleeping Cars	46		46
Observation Lounge Cars	5		5
Coach Diners	6		6
Parlor Observation Cars	2		2
Lounge-Diner-Coffee Shop	5		5
Dome Lounge Cars	5		5
Sleeper-Observation-Lounge	2		2
Business Cars	8		8
Railway Service Cars	3		3
	297	217	514

10

FREIGHT EQUIPMENT

Box Cars—40 Ft. SINGLE DOORS

	Numbers		Car Code	Door	*Inside Dimensions			*Cubic ft.	Lbs. Capa- city	No. of Cars	
	From	To			ft. in.	ft. in.	ft. in.				
.....	2500		B2	6'	40	6	9 2	10 0	3727	10000	1
.....	2501	2649	BP	6'	40	6	9 2	10 0	3727	10000	1
(See Passenger Equipment)											
DF2											
Plug Door	4200	4399	B4	10'	40	6	9 2	10 0	3809	110000	200
Plug Door											
(Grain)	4400	4699	B4	10'	40	6	9 2	10 1	3773	110000	300
.....	5000	5499	B2	6'	40	6	9 2	10 6	3900	100000	484
Plug Door	5109	5215	B6	9'	40	6	9 4	10 6	3968	100000	2
Plug Door	5455	5462	B6	6'5"	40	6	9 4	10 6	3968	100000	2
.....	5500	6499	B2	6'	40	6	9 4	10 6	3966	100000	957
DF2 (Plug Door)	6500	6699	B4	10'	40	6	9 9	10 1	3900	110000	200
.....	10000	11874	B2	6'	40	6	9 2	10 0	3715	100000	1639
.....	18000	20499	B2	6'	40	6	9 2	10 0	3715	100000	2365
.....	20500	21939	B2	6'	40	6	9 2	10 6	3900	100000	1169
Roof Hatches											
(4)	21950	21961	B2	6'	40	6	9 2	10 0	3712	100000	10
.....	27000	27799	B2	6'	40	6	9 2	10 1	3763	100000	778
(Note 1)	31000	31499	B2	6'	40	6	8 6	9 0	3098	100000	105
.....	32000	33999	B2	6'	40	6	9 2	10 0	3769	100000	1851
.....	34000	34999	B2	6'	40	6	9 2	10 1	3763	100000	963
DF-2 Loaders	39392	39399	BD	8'	40	6	9 2	10 6	3900	100000	3
Cushioned Tri Belt Loaders	39400	39407	BD	8'	40	6	9 2	10 6	3900	100000	8
Cushioned DF-2 Loaders	39408	39414	BD	8'	40	6	{9 2}	{10 6}	{3900}	{100000}	6
.....							{9 4}		{3966}		
DF-2 Loaders	39415	39449	BD	8'	40	6	{9 2}	{10 6}	{3900}	{100000}	33
.....							{9 4}		{3966}		
Cushioned Car Pak—Loaders											
DF-2 Loaders	39700	39749	BD	9'	40	6	9 4	10 6	3970	100000	49
Cushioned	39990	39999	BD	8'	40	6	9 2	10 6	3900	100000	10
Note 2	44025	52999	B2	6'	40	6	9 2	10 0	3727	100000	2691
NOTE 1:—12 Cars in series 31000 to 31499 equipped for Hide Loading.											
NOTE 2:—Cars 47995 and 50068 equipped for Coke Loading.											
Total—13,826 Cars											
Box Cars—40 Ft. DOUBLE DOORS											
.....	3000	3499	B8	15'	40	6	9 2	10 6	3890	100000	481
.....	3500	3999	B8	12'	40	6	9 4	10 6	3972	100000	484
.....			B8	12'	40	6	9 2	10 1	3763	100000	189
Plug	11875	11887	B8	12'3"	40	6	9 4	10 6	3972	100000	13
Plug	12000	13499	B6	12'3"	40	6	9 4	10 6	3972	100000	1219
Glacier Park	14000	14499	B8	12'6"	40	6	9 2	10 5	3940	100000	418
Morrison	15000	15549	B8	12'	40	6	9 2	10 0	3720	100000	534
.....	29001		B8	20'	40	6	8 8	10 6	3665	100000	1
.....	38700	38799	B8	14'	40	6	9 2	10 8	3969	100000	9
Total—3,437											
Grand Total—17,263 40' Cars											

FREIGHT EQUIPMENT—Cont.

Box Cars—50 Ft. SINGLE DOORS

	Numbers		Car Code	Door	*Inside Dimensions			*Cubic City	Lbs. City	No. of Cars			
	From	To			L. ft. in.	W. ft. in.	H. ft. in.						
Cushioned Plug	36800	36999	B3	9'	50	6	9	4	10	5	4940	140000	199
	38900	38999	B1	6'	50	6	9	2	10	0	4629	140000	2
	39000	39339	B3	8'	50	6	9	2	10	1	4681	100000	233
DF Loaders	39340	39371	BF	8'	53	6	9	0	10	1	4614	100000	25
Car-Pak Loaders	39450	39499	BF	8'	50	6	9	0	10	1	4614	100000	48
DF2 Loaders Cushioned	39500	39699	BF	9'	50	6	9	4	10	6	4940	140000	197
Cushion Plate "C"													
DF2 Loaders	39800	39899	BF	10'	50	6	9	4	10	5	4940	154000	97
	42000	42899	B1	6'	50	0	9	2	10	0	4583	100000	64
Plug Cushioned	138000	138099	B3	10'	50	8	9	5	11	1	5330	154000	100
Plug Plate "C"													
Cushion Plate "C"	138100	138399	B5	10'	50	8	9	5	10	11	5350	154000	300

Total—1,265 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

(Note)	Numbers	Car Code	Door	L. ft. in.	W. ft. in.	H. ft. in.	*Cubic City	Lbs. City	No. of Cars				
	200000	200074	R5	10'	50	2	9	3	10	8	5017	140000	75
	200075	200079	R5	12'2"	50	1	9	3	9	11	4646	140000	5
	200080	200129	R5	10'6"							140000		50
	200130	200179	R5	10'6"									50

NOTE:—All 50 Ft. Insulated Box Cars Are Equipped With Plug Doors, Cushion Underframe Load Dividers and Are To Plate "C" Clearances. Cars 200000 to 200024 and 200080 to 200129 have 2 Side Wall Fillers Per Car; 200075 to 200079 have 4 Side Wall Fillers; 200025 to 200074 and 200130 to 200179 Not Equipped.

Total—180 Cars

Box Cars—50 Ft. DOUBLE DOORS

Morrison	17300	17999	B5	12'	50	6	9	2	10	0	4630	100000	391
			B5	12'	50	6	9	2	10	6	4860	100000	291
	29000		B7	22'	50	6	9	2	10	0	4629	100000	1
	35000	35999	B5	15'	50	6	9	4	10	6	4933	100000	967
Plug	36000	36749	B5	14'	50	6	9	4	10	5	4928	100000	713
	36750	36773	B5	14'	50	6	9	4	10	5	4928	100000	23
Plug	37000	37549	B5	14'	50	8	9	5	10	7	5102	140000	541
Plug	37550	37899	B3	14'	50	8	9	5	10	7	5102	154000	349
Plug	38000	38299	B5	14'	50	8	9	5	10	11	5350	154000	299
(Note 1)	38800	38849	B7	15'	50	6	9	2	10	6	4862	100000	43
	40000	40099	B7	15'	50	6	9	2	10	1	4681	100000	88
Note: 1	40100	40299	B7	15'	50	6	9	2	10	6	4862	100000	110

12

FREIGHT EQUIPMENT—Cont.

Box Cars—50 Ft. DOUBLE DOORS

	41525	41999	B7	12'1"	50	0	9	2	10	0	4583	100000	25
	43500	43999	B7	12'	50	6	9	2	10	0	4629	100000	25
Plug	138400	138600	B7	14'	50	8	9	5	10	11	5350	146000	300

Total—4,166 Cars

Grand Total—5,611 50' Cars

NOTE 1—Fifteen Cars have steel lining for carrying pitch—Nos. 38843, 40106, 40119, 40122, 40134, 40155, 40167, 40176, 40180, 40193, 40229, 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. SINGLE DOORS

Cushioned Plate "C"													
DF-2 Loader	139500	139507		10'	60	8	9	4	11	4	6564	154000	8

Total—8 Cars

Insulated Box Cars—60 Ft. SINGLE DOORS

Plug DF 2 Loader Cushioned Plate "C"	210000	210099	R9	10'6"	60	4	9	4	10	8	6070	170000	100
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Total—100 Cars

Box Cars—60 Ft. DOUBLE DOORS

Cushioned Plate "C"	139000	139049	B9	16'	60	9	9	2	10	9	6340	183000	49
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Total—49 Cars

Grand Total—157 60' Cars

Stock Cars

	Numbers		Door	Inside Dimensions			Cubic City	Lbs. City	No. of Cars		
	From	To		L. ft. in.	W. ft. in.	H. ft. in.					
Double Decks	53000	53099	40	5	9	5	10	6	3038	80000	94
Double Deck	53100	53245	40	6	9	0	10	1	3686	80000	144
Doub. Deck, Doub. Door, Shutters	54000	54124	40	6	9	0	10	1	3686	80000	73
	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
	55500	55599	40	5	8	5	9	0	3033	80000	99
	55600	55749	40	5	9	0	10	6	3829	80000	50
	55750	56248	40	5	8	5	9	0	3033	80000	490
	56250	56469	40	6	9	0	10	1	3686	80000	216
Hog Decks	58000	58049	36	6	8	9	8	1	2625	80000	29
	58050	58499	36	6	8	9	8	1	2625	80000	356
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	157025	60	11	9	0	10	1	5500	100000	26

Total—1,836 Cars

Well Flats

Cushioned, Depressed Center Flats	60011	60024	42	0	10	0	4	0			100000	2
	60040	60042	52	0	9	11	3	9			180000	3

Total—5 Cars

13

FREIGHT EQUIPMENT—Cont.

TOFC Flats

	Numbers		Inside Dimensions			Cubic Capa- city	Lbs. Capa- city	No. of Cars
	From	To	L. ft. in.	W. ft. in.	H. ft. in.			
.....	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	9	
Total—190 Cars								

Flat Cars

Bulkh.	60000	60033	42 0	10 0	4 0	100000	11
Cushion Cast Steel	60400	60424	48 7	10 0	8 6	154000	25
(Cast Steel) (Bulk- head)	60498	60499	50 3	10 6	3 5	140000	2
(Cast Steel) (Bulk- head)	60500	60529	48 8	10 6	3 5	100000	30
(Cast Steel) (Bulk- head)	60530	60549	48 9	10 6	3 5	100000	20
.....	60550	60569	48 9	10 6	3 5	100000	20
Cushion Bulkhead	60680	60686	46 0	10 0	4 3	140000	7
All Welded	60690	60699	49 4	9 9	4 4	140000	10
Cushioned Granite Loading	60700	60711	61 9	10 6 10 9	11 6	154000	12
Cushioned Plate "C" Airplane Parts	61010	61012	34 0	9 5			3
CLEJAN * (W. Racks)	61500	61524	89 0	8 4	3 1	140000	14
.....	64000	64096	41 4	9 2	3 7	80000	5
Implements	64400	64403	52 0	9 1	3 10	100000	4
Articulated	64500	64564	89 10	9 1	3 11	200000	65
Articulated	64900	64914	89 10	9 4	3 11	200000	15
Note I (All Welded)	65000	65499	52 0	9 6	3 8	100000	314
.....	65500	65699	53 6	10 6	3 9	100000	18
Cast Steel (All Welded)	65700	65749	51 11	9 4	3 8	100000	50
Note 2 & 3	66000	66249	52 0	10 4	3 7	140000	229
.....	66006	66207	52 0	10 4	3 7	180000	2
.....	67000	67549	50 0	8 10	3 8	100000	396
Anode Loading	67600	67635	43 0	10 2	7 1	200000	36
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	200000	30
(Cast Steel)	160130	160139	48 7	10 0	3 8	180000	10
Bulkhead (Cast Steel) Cushioned	160140	160169	48 6	10 2	8 6	180000	30
Bulkhead (Cast Steel) (Cushioned)	160300	160324	56 5	10 6	8 6	180000	25

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.			
Bulkhead Cushioned	160500	160509	61 0	9 2	4 2	180000	10	
Bulkhead	160510	160534	58 6	9 1	10 7	180000	25	
Bulkhead (Cast Steel) (Cushioned)	160535	160539	70 0	8 10	10 7	180000	5	
Plate "C" Cushioned	160700	160744	56 5	10 6	8 6	154000	45	
Plate "C" Cushioned	161000	161299	61 6	10 6	3 8	154000	300	
Plate "C" Cushioned	161300	161399	56 9	9 4	3 8	154000	100	
Total—1,928 Cars								

Note 1—Cars 65039 and 65309 are bulkhead flats.
 Note 2—Twenty-four cars in series 66000 to 66249 (Scattered Numbers) are equipped for loading aluminum billets.
 Note 3—Load Limit 140,000.
 *61500 thru 61509 equipped with Tri Level Auto Racks.

Trailer Train Flats

We have 466 TTX 85 ft. and 89 ft. flats under lease of which 238 (1—85' and 237—89') are equipped with Tri Level Racks and 78 (7—85' and 71—89') with Bi Level Racks, and 150 in TOFC service.

Logging Flats

.....	68500	68550	43 0	8 10	3 8	100000	50
.....	69300	69424	41 4	9 10	3 8	80000	15
.....	69425	69464	48 3	9 6	4 6	100000	40
.....	69465	69494	41 4	9 6	4 6	80000	30
.....	69500	69999	43 0	8 10	3 8	100000	188
Total—323 Cars							

Airslide Hoppers

Single Hop.	71770	71784	29 6	9 11		2600	14000	15
Twin	71785	71794	44 11	9 11		4180	18800	10
Twin	71795	71819	48 11	9 11		4180	18800	24
Single Hop.	71820	71839	29 6	9 11		2600	14000	19
Single Hop.	71840	71859	29 6	9 11		2600	14000	20
Single Hop.	71860	71899	29 6	9 11		2600	14000	40
Single Hop.	71900	71909	29 6	9 11		2600	10000	10
Single Hop.	71910	71949	29 6	9 11		2600	10000	40
Total—178 Cars								

Covered Hoppers

Twin	71000	71099	29 3	9 5		1958	14000	96
Twin	71100	71199	29 3	9 5		1958	14000	99
Twin	71200	71404	29 3	9 5		1958	14000	202
Twin	71405	71504	29 3	9 9		2006	14000	100
Triple Hopper (Note)	71505	71579	41 1	9 11		3215	14000	75
Six Hop. Aluminum	71580	71593	43 1	10 7		4000	18000	14
Six Hop. Aluminum	71594	71618	43 1	10 7		4000	20000	24
Triple Hopper (Note)	71700	71739	46 0	9 11		4000	18000	39
Triple Hopper	71740	71769	46 0	9 11		4000	20000	29
(Note) ¹ (Note) ²	71950	71999	41 0	9 5		2893	14000	50
.....	73765	73794	23 9	9 5		1000	10000	27
Zinc Loading	73985	73999	23 9	9 5		1000	10000	15

FREIGHT EQUIPMENT—Cont.

Covered Hopper—Cont.

Six Hop. Steel	170995	170999	41	3	10	7	4000	200000	5
Triple	171000	171049	41	3	10	7	3960	200000	50
Plate "C" Triple	171050	171099	50	0	9	11	4500	198000	49
Plate "C" Triple	171100	171149	49	9	10	7	4650	196000	49
Plate "C" Quad	171150	171249	49	9	10	7	4650	196000	99
Triple Hopper	171250	171449	53	3	10	7	5250	193000	200
Cov. Hop.	171500	171699	54	6	10	0	4740	200000	199
Triple Hop. Alum. (Leased)	171700	171999	49	9	10	7	4650	200000	300
Triple Hopper	172000	172099	54	1	9	10	4750	200000	100
Triple Hopper	172400	172699	54	6	10	0	4750	198000	300
	172100	172399	54	6	10	0	4740	198000	300
	173800	173999	34	9	10	7	2970	200000	200

Total—2,621 Cars

Note¹: 10 cars in each series have pneumatic unloaders.

Note²: 25 cars (71950 to 71974) have 180000# capacity trucks.

Gondola (General Service)

(Door Lengthwise)	72000	72499	41	0	9	5	4	3	1932	100000	343
	(Some Cars Have High Sides)										

Total—343 Cars

Hopper (all steel)

Triple	70000	70399	42	10	9	7	2750	140000	400
Quad.	70400	70499	47	11	9	9	3483	198000	100
	70800	70949	42	10	9	7	2750	140000	150
Twin	73000	73199	29	10	9	5	1622	100000	18
Twin	73200	73699	34	9	10	1	2160	100000	477
	73700	73764	25	6	9	6	1253	100000	45

Total—1,190 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	146
Mill (Note) ²	73850	73877	52	6	9	6	4	0	1995	140000	28
	74000	74199	40	2	9	7	5	2	1910	100000	18
	74500	74999	40	6	9	6	5	4	2048	100000	386
	75000	75499	40	6	9	6	5	4	2048	100000	409

(All Welded)

(Note) ¹	75500	75999	40	0	9	6	5	1	1962	100000	316
	76000	76749	40	0	9	6	5	0	1908	100000	23
(All Welded)	76750	76949	40	6	9	6	5	4	2038	100000	118
	77250	77490	40	0	9	6	5	6	2124	140000	46
Mill	78400	78599	52	6	9	6	4	6	2240	154000	200
Mill	78600	78799	52	6	9	6	4	6	2240	154000	200
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	79024	65	5	7	9	3	6	1775	140000	25
Mill	79025	79049	65	5	7	9	3	6	1748	140000	24
Mill	79050	79099	65	5	7	9	3	5	1748	190000	50
	79900	79999	40	0	9	6	5	1	1962	110000	100

Fine Coal

Loading	270000	270199	40	6	9	6	5	4	2048	110000	200
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Total—2,792 Cars

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

Note²: 28 cars have permanent blocking for billet loading.

Covered Gondolas

Movable Bulkheads	73799		65	5	7	9	3	6	1748	140000	1
	73800	73824	52	6	9	6	4	0	1995	180000	25

Total—26 Cars

Multi-Service Hopper

(All Steel)	78000	78299	40	8	10	1			2505	140000	293
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Total—293 Cars

Wood Chip Cars

	74200	74220	40	4	9	4	11	0	4322	100000	21
	74221	74284	50	0	9	2	10	0	4583	100000	62
	74285	74294	40	4	9	4	11	0	4322	100000	10
	74295	74359	50	0	9	2	10	0	4583	100000	64
	74400	74404	40	4	9	4	11	0	4322	100000	5
	74405	74434	39	11	9	5	11	0	4219	100000	30
	76002	76498	40	0	9	6	10	10	3996	100000	2

Wood Chip Plate "C"	174000	174049	61	4	9	1	11	0	6123	150000	50
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Woodchip Plate "C"	174050	174199	60	6	9	1	11	0	6048	180000	150
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Total—394 Cars

Ore Cars

	85500	86999	19	10	5	8	7	998	150000	676	
	87000	88499	19	10	9	8	7	892	150000	1205	
	88500	88999	19	7	9	11	8	6	877	150000	176
	89000	89749	20	5	10	2	8	6	936	150000	133
	90000	93499	19	10	5	8	7	998	150000	3239	
	93500	94199	19	10	5	8	7	998	150000	464	
	94200	94247	19	10	5	8	7	998	150000	48	
	95000	95039	19	11	10	6	10	5	1310	150000	40
Taconite	95500	95719	19	10	5	10	7	1342	150000	220	

Total—6,201 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 Capy.	No. of Trailers
	24 Ft. Vans			
	21-124	21-133	1380	10
	40 Ft. Vans			
Insulated	70-700	70-719	2315	20
	70-720	70-729	2300	10
	20-730	20-739	2467	10
	40 Ft. Refrgs.			
Insulated with Mech. Units	50-1051	50-1060	2104	9
	50-1062	50-1070	2104	9
Insulated with Mech. Units	50-1089	50-1103	2065	15
	40 Ft. Hopper			
	40-1100	-	(Est) 1630	1

Total—84 Trailers

SUMMARY Freight Cars

Airslide	178
Box	22,751
Insulated Box	280
Covered Hopper	2,621
Covered Gondolas	26
Flat	2,251
Wood Chip	394
Hopper and Gondola	4,618
Ore	6,201
Stock	1,836
Tank	100
Total	41,256

CABOOSE CARS AND STOCKMEN'S COACHES

	Numbers		No. of Cars
	From	To	
Caboose—30 ft. (Axle Generator)	X 1	X- 115	114
Caboose—Transfer—36 ft.	X- 175		1
Caboose—30 ft. (Thermoelectric)	X- 176		1
Caboose—Transfer	X- 177	X- 180	4
Caboose—Baggage—50 ft. (Axle Generator)	X 181		1
Caboose—Branch Line—62 ft.	X- 182	X- 183	2
Caboose—Transfer—36 ft.	X- 184	X- 185	2
Caboose—Branch Line—62 ft.	X- 186	X- 187	2
Caboose—30 ft. (Axle Generator)	X- 198	X- 310	106
Caboose—25 ft.	X- 330	X- 749	64
Stockmen's Coaches	X- 750	X- 798	17
Total 314 Cars			

WORK EQUIPMENT

Water Cars	
X-800 to X-6900	125 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	36 Cars
10,000 Gal. X-1038 to X-1040, X-1042, X-1043	5 Cars
12,000 Gal. X-1050 to X-1164	64 Cars
12,500 Gal. X-1165 to X-1334	186 Cars
16,000 Gal. X-1350 to X-1374	21 Cars
19,000 Gal. X-1375 to X-1424	46 Cars
Snow Blower	
X-1500	1 Car
Rotary Snow Plows	
X-1507 to X-1510	4 Cars

WORK EQUIPMENT—Cont.

Russell Snow Plows	
X-1520, X-1521	2 Cars
Wedge Plows on Ore Cars	
X-1532	1 Car
Wedge Plows on Flat Cars	
X-7500 to X-7506	7 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
Dozers	
X-1626 to X-1630, X-1634, X-1638, X-1639, X-1641, X-1664 to X-1685, X-1687 to X-1689, X-1691 to X-1698, X-7300 to X-7302, X-7303 to X-7306	49 Cars
Spreader	
X-1705 to X-1711	7 Cars
Diesel Derricks	
100 Ton X-1732, X-1734	2 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-1740, 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-1820 to X-1828	9 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	73 Cars
Depressed Center Flat Cars (140000 lbs. Capy.)	
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-7976 to X-7978	3 Cars
Air Dump Cars	
X-2005 to X-2068	24 Cars
X-7000 to X-7049	50 Cars
Wheel Cars (Note¹)	
X-2100 to X-7105	83 Cars

WORK EQUIPMENT—Cont.

Rubbish Cars		
X-5146 to X-5869	6	Cars
Storage Cars		
X-2259 to X-5699	42	Cars
Tie Flat Cars		
X-4800 to X-4899, X-4950 to X-4975	145	Cars
X-4700 to X-4749	50	Cars
Rail Welding Cars		
X-4329, X-4330, X-4505 to X-4550	48	Cars
Wrecking, Tool, Idler and Material Cars (Note²)		
X-1837 to X-7911	655	Cars
Note ¹ —X-2123 and X-2124 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.		
Cinder Cars		
X-2277	1	Car
Sand Cars		
X-2950 to X-2959, X-2964 to X-2978, X-2980 to X-2999	49	Cars
Company Coal Cars		
X-4803, X-4804, X-7900 to X-7911	14	Cars
Gravel Cars		
X-3007 to X-3176	1	Car
X-3400 to X-3599	11	Cars
Fuel Oil Cars		
X-3347, X-3353, X-3354, X-3360, X-4500	5	Cars
Outfit Cars		
01228 to 02999	199	Cars
03000 to 03499	236	Cars
03500 to 06499	149	Cars

Note: Included in above are tool cars, material cars, boarding cars, etc.
Total Caboose and Work Equipment 2734

ROADWAY MACHINES

Note: Following symbols used to designate auxiliary equipment:

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

Crawler Shovels	Auxiliary Equipment	G. N. Number		Number of Units
		From	To	
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	c m	R-1804		1
Koehring	c d r	R-1805	R-1807	3

ROADWAY MACHINES—Cont.

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 d s	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		1
Bucyrus-Erie	c d s	R-1878	R-1879	2
Koehring	c d s	R-8001		1
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	R-8009		1
Koehring	c d r	R-8010		1
American Hoist & Derrick	c 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-8202	R-8203	2
Self-Propelled Wheel Cranes				
Unit		R-8701		1
Orton	m	R-8702		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)	} c m	RC-19	RC-23	5
		RC-24		1
		RC-25	RC-26	2

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
Diesel Loco Crane.....	X-1843
Idler Cars.....	X-1854
Storage Car.....	X-2267
Tool Car.....	X-2389
Material Cars.....	X-2517, X-2698

Roadway Machines

Crawler Crane.....	R-1840
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Location	Heater Car	Rotary Plow	Wrecking Derrick
Superior	—	—	X-1735D—150 Tons
St. Paul	—	—	X-1733D—100 Tons
St. Paul	—	—	—
Minneapolis Jct.	No. 3—8000 Lbs./Hr.	—	X-1738D—150 Tons
St. Cloud	—	—	—
Willmar	No. 7—6000 Lbs./Hr.	—	—
Fargo	No. 1—4500 Lbs./Hr.	X-1500	X-1741D—250 Tons
"	No. 2—4500 Lbs./Hr.	—	—
Grand Forks	—	—	X-1734D—100 Tons
Minot	No. 8—8000 Lbs./Hr.	—	X-1742D—250 Tons
Superior	No. 5—6000 Lbs./Hr.	—	—
Havre	—	X-1507E	X-1743D—250 Tons
Great Falls	—	—	X-1736D—150 Tons
Whitefish	No. 9—8000 Lbs./Hr.	X-1508E,	X-1745D—200 Tons
Hillyard	No. 6—4500 Lbs./Hr.	X-1509E	X-1740D—250 Tons
Interbay	No. 4—4000 Lbs./Hr.	X-1510E	X-1737D—160 Tons
"	Nos. 10 through 19	—	—
"	9000 Lbs./Hr.	—	—
Klamath Falls	—	—	X-1732D—100 Tons
Total	19 Cars	5 Rotaries	12 Derricks

Note: Steam Car X-3775 at Superior.