

McGee

N O R T H E R N P A C I F I C R A I L W A Y C O M P A N Y

OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

DISTRIBUTION OF POWER

JULY 1, 1947

The following changes were made in assignment of locomotives during the month of June:

Saint Paul Division locomotive No. 1646 was transferred to Lake Superior Division.

Saint Paul Division Diesel-Electric switch locomotive No. 115 was transferred to Fargo Division.


Fargo Division Diesel-Electric road-switch locomotive No. 157 was transferred to Saint Paul Division.

Fargo Division locomotive No. 1686 was transferred to Lake Superior Division.

Tacoma Division locomotives Nos. 1621 and 1797 were converted from coal to oil burners.

Total number locomotives assigned 821.

G. L. Ernstrom,
General Mechanical Superintendent.


W. R. McGEE
328 SO 2nd.
LIVINGSTON, MONT.

DISTRIBUTION OF POWER

Service		L.S.	St. Paul	Fargo	Y.S.	R.M.	Idaho	Tacoma	Total
<u>PASSENGER</u>	A	14	21	2	7	26	18	31	119
	S	-	1	-	-	1	3	3	8
	W	1	-	-	-	-	-	-	1
1947	Z	3	-	-	-	1	5	6	15
1946	A	13	22	7	6	34	20	33	135
	S	-	2	-	-	2	-	3	7
	W	-	-	-	-	-	-	-	-
1946	Z	3	-	-	-	1	4	2	10
<u>FREIGHT</u>	A	37	54	66	57	69	75	88	446
	S	-	3	2	2	3	3	3	16
	W	-	1	1	-	-	-	-	2
1947	Z	1	1	-	-	4	1	5	12
1946	A	39	44	63	59	69	77	94	445
	S	2	2	3	1	-	5	4	17
	W	-	-	1	2	3	5	1	12
1946	Z	-	1	2	-	1	1	2	7
<u>WORK</u>	A	2	3	-	2	1	3	4	15
	S	1	-	-	-	-	-	1	2
	W	-	-	-	-	-	-	-	-
1947	Z	-	-	-	-	-	-	-	-
1946	A	-	3	1	1	1	2	2	10
	S	-	-	-	-	-	-	-	-
	W	-	-	-	-	-	-	-	-
1946	Z	-	-	-	-	-	-	-	-
<u>SWITCH</u>	A	41	37	16	28	22	17	66	227
	S	2	-	1	2	3	-	3	11
	W	-	-	1	-	-	-	-	1
1947	Z	1	-	1	1	-	-	-	4
1946	A	38	43	19	28	26	20	75	249
	S	1	-	1	1	1	-	2	6
	W	1	-	-	-	-	-	-	1
1946	Z	-	3	-	-	2	-	7	12
Loased									
1947									
1946					2		9	3	14
TOTAL					2		6	4	12
1947	A	94	115	84	96	118	122	192	821
	S	3	4	3	4	7	6	10	37
	W	1	1	2	-	-	-	-	4
1946	Z	5	1	1	1	5	6	14	33
1946	A	90	112	90	96	130	125	208	851
	S	3	4	4	2	3	5	9	30
	W	1	-	1	2	3	5	1	13
1946	Z	3	4	2	-	4	5	11	29

"A" Assigned
 "S" At Shop
 "W" Waiting to go shop

Stored not serviceable or awaiting disposition.

DISTRIBUTION OF POWER

Class	L.S.	St. Paul	Fargo	Y.S.	R.M.	Idaho	Tac.	Total
A					4		8	12
A1							1	1
A2		2	4	4				10
A3		6			2			8
A4		8						8
A5			10					10
#DE (Switch)	1	11	3	(2)4	4	8	(1)20	(3)51
#DE (Road-Switch)		1	2				1	4
#DE (Freight)				5			11	16
#DE (Passenger)		7						7
G1		3				1		4
G2	6	2		6	2	3	1	20
L6							1	1
L7				1			(1)	(1)1
L9	18	1	1		2	(2)	(1)32	(3)54
L10	4	4	2					10
Q		1						1
Q1			5		1	3	2	11
Q3	8	6	1		2	4	1	22
Q4	3	2	8		5	11	7	36
Q5	2		9	7	8			20
Q6	1	4				2	13	20
S4					5	(3)20	10	(3)35
S10	1							1
T	7	10	1				1	19
T1	2	6	4	1			2	15
W	15	21	10	8	11	(4)10	13	(4)88
W1	1	1	7	4		4	16	33
W2			2	5		3	6	16
W3	19	4	18	19	15	19	31	125
W4				6				6
W5	2	15		1	7			25
Y				2	6			8
Y1			1	4	5			10
Y2						4	8	12
Y3	2				2	1	1	6
Z3	2		2		1		3	18
Z4					4			4
Z5				6	6			12
Z6				7	4	10		21
Z7					6			6
Z8				4	6	10		20
Leased On				(2)		(9)	(3)	(14)
Division	94	115	84	94	118	113	189	807
Total 1947	94	115	84	96	118	122	192	821
Total 1946	90	112	90	96	130	125	208	851

Note: Locomotives leased are shown in parenthesis.
 Diesel-Electric locomotives indicated: #.

DISTRIBUTION OF POWER

LOCOMOTIVES WITH EXTRA OR SPECIAL EQUIPMENT

<u>Division</u>	<u>L.S.</u>	<u>St. Paul</u>	<u>Fargo</u>	<u>Y.S.</u>	<u>R.M.</u>	<u>Idaho</u>	<u>Tacoma</u>	<u>Total</u>
<u>Superheaters</u>	92	96	78	83	112	113	133	707
<u>Feedwater Heaters</u>	14	27	17	35	38	25	28	184
<u>Stokers</u>	38	50	49	57	83	62	41	380
<u>Boosters</u>	1	12	-	7	17	-	6	43
<u>Thermic Siphons</u>	3	3	2	8	16	10	2	44
<u>Oil Burners</u>	-	-	-	-	-	4	59	63
<u>Circulators</u>	1	12	12	10	15	14	4	68
<u>Spark Arresters- Master Mechanic</u>	32	24	4	6	11	5	41	123
<u>Spark Arresters- Cyclone</u>	52	58	59	69	82	93	33	446
<u>Spark Arresters- Cannon</u>	9	14	16	10	21	12	21	103
<u>Spark Arresters- Baffle Plate</u>	-	-	-	-	-	-	5	5

Note: All locomotives in the following Classes are equipped with Superheaters:

A	Q	Y
A1	Q1	Y1
A2	Q3	Y2
A3	Q4	Y3
A4	Q5	Z3
A5	Q6	Z4
G1		Z5
G2		Z6
L10		Z7
		Z8

DISTRIBUTION OF POWER

SUMMARY

<u>Division</u>	<u>Total Assigned</u>	<u>Total on Division</u>	<u>Leased</u>	<u>Engines Stored in Serviceable Condition</u>	<u>Engines Stored Un-serviceable Wtg. Disp.</u>
Lake Superior	94	94	-	4	5
St. Paul	115	115	-	10	1
Fargo	84	84	-	19	1
Yellowstone	96	94	2	21	1
Rocky Mountain	118	118	-	16	5
Idaho	122	113	9	9	6
Tacoma	192	189	3	1	14

Total	821	807	14	80	33
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DISTRIBUTION OF POWER

LOCOMOTIVES WITH EXTRA OR SPECIAL EQUIPMENT

<u>Division</u>	<u>L.S.</u>	<u>St. Paul</u>	<u>Fargo</u>	<u>Y.S.</u>	<u>R.M.</u>	<u>Idaho</u>	<u>Tacoma</u>	<u>Total</u>
<u>Superheaters</u>	<u>92</u>	<u>96</u>	<u>78</u>	<u>83</u>	<u>112</u>	<u>113</u>	<u>133</u>	<u>707</u>
<u>Feedwater Heaters</u>	<u>14</u>	<u>27</u>	<u>17</u>	<u>35</u>	<u>38</u>	<u>25</u>	<u>28</u>	<u>184</u>
<u>Stokers</u>	<u>38</u>	<u>50</u>	<u>49</u>	<u>57</u>	<u>83</u>	<u>62</u>	<u>41</u>	<u>380</u>
<u>Boosters</u>	<u>1</u>	<u>12</u>	<u>-</u>	<u>7</u>	<u>17</u>	<u>-</u>	<u>6</u>	<u>43</u>
<u>Thermic Siphons</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>8</u>	<u>16</u>	<u>10</u>	<u>2</u>	<u>44</u>
<u>Oil Burners</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>4</u>	<u>59</u>	<u>63</u>
<u>Circulators</u>	<u>1</u>	<u>12</u>	<u>12</u>	<u>10</u>	<u>15</u>	<u>14</u>	<u>4</u>	<u>68</u>
<u>Spark Arresters- Master Mechanic</u>	<u>32</u>	<u>24</u>	<u>4</u>	<u>6</u>	<u>11</u>	<u>5</u>	<u>41</u>	<u>123</u>
<u>Spark Arresters- Cyclone</u>	<u>52</u>	<u>58</u>	<u>59</u>	<u>69</u>	<u>82</u>	<u>93</u>	<u>33</u>	<u>446</u>
<u>Spark Arresters- Cannon</u>	<u>9</u>	<u>14</u>	<u>16</u>	<u>10</u>	<u>21</u>	<u>12</u>	<u>21</u>	<u>103</u>
<u>Spark Arresters- Baffle Plate</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5</u>	<u>5</u>

Note: All locomotives in the following
Classes are equipped with Superheaters:

A	Q	Y
A1	Q1	Y1
A2	Q3	Y2
A3	Q4	Y3
A4	Q5	Z3
A5	Q6	Z4
G1		Z5
G2		Z6
L10		Z7
		Z8

DISTRIBUTION OF POWER

Assignment of Gas-Electric Motor Cars

<u>Unit Number</u>	<u>Trains</u>	<u>Between</u>
B-3	Extra-Brainerd	
B-6	163-164	Mandan-Kildeer
B-11	31-32	Brainerd-Little Falls
B-12	323-324	Lewiston-Stites
B-13	Extra-Brainerd	
B-14	343-344	Lewiston-Grangeville
B-15	57-58	Duluth-Staples
B-16	161-162	Mandan-Mott
B-18	287-288	Butte-Garrison
B-19	Como Shop	
B-20	111-112	Staples-Oakes
B-21	147-148	Jamestown-Wilton
B-22	157-158	Jamestown-Leeds
B-23	South Tacoma Shop	
B-24	57-58	Duluth-Staples
B-26	29-30	Little Falls-Morris

DISTRIBUTION OF POWER

LOCOMOTIVES LEASED

<u>Engine Number</u>	<u>Class</u>	<u>Division</u>	<u>Leased</u>	<u>To</u>
110	DE	Yellowstone	8-10-43	Foley Bros. Colstrip
123	DE	Yellowstone	8-1-44	Foley Bros. Colstrip
124	DE	Tacoma	8-10-44	King Street Terminal
1033	(Diesel-Electric) L7	Tacoma	5-27-46	Simpson Logging Co.
1054	L9	Idaho	2-14-46	Camas Prairie RR
1080	L9	Tacoma	9-3-46	King Street Terminal
1074	L9	Idaho	4-14-46	Camas Prairie RR
1355	S4	Idaho	7-20-45	Camas Prairie RR
1357	S4	Idaho	7-20-46	Camas Prairie RR
1372	S4	Idaho	3-28-46	Camas Prairie RR
1506	W	Idaho	9-25-46	Camas Prairie RR
1527	W	Idaho	7-1-46	Camas Prairie RR
1539	W	Idaho	2-10-47	Camas Prairie RR
1618	W	Idaho	8-26-44	Camas Prairie RR

TOTAL NUMBER LEASED 14.

DISTRIBUTION OF POWER
LAKE SUPERIOR DIVISION

Eng.	No.	Class	Pass.	Frnt.	Work	Switch	Eng.	No.	Class	Pass.	Frnt.	Work	Switch
	100	DE		Brainerd	(Diesel-Elec)	x		C%1707	W3				
	328	S10		x Mxd.				*CH%1724	W3	Ore	Dock		x
#	1040	L9		Duluth		x		CA%1740	W3			x	
#	1043	L9		Duluth		x		C%1749	W3	Ore	Dock		x
#	1051	L9		Duluth		x		OC%1750	W3			x	
#	1055	L9		Duluth		x		CH%1753	W3	Ore	Dock		x
#	1058	L9		Duluth		x		C%1758	W3			x	
#	1061	L9		Duluth		x		CA%1764	W3			x	
#	1062	L9		Duluth		x		CH%1771	W3			x	
#	1063	L9		Brainerd		x		CH%1774	W3			x	
#	1065	L9		Duluth		x		CH%1786	W3	Ore	Dock		x
#	1068	L9		Cloquet		x		CH%1790	W3	Ore	Dock		x
#	1071	L9		Duluth		x		CH%1796	W3			x	
#	1077	L9		Duluth Shop		x		C%1819	W3			x	
#	1112	L9		Duluth		x		C%1827	W3	Wtg.	Disposition		x
#	1113	L9		Duluth		x		CH%1832	W3			x	
#	1114	L9		Duluth		x		C%1833	W3			x	
#	1115	L9		Duluth		x		*CH%1844	W5			x	
#	1119	L9		Duluth		x		CH%1847	W5			x	Booster
#	1120	L9		Brainerd	Stored	x		C 2148	Q3	x	Wtg. Brd.	Shop	
	1163	L10		Duluth		x		C 2149	Q3	x			
	1164	L10		Brainerd	Shop	x		C 2151	Q3	x			
	1166	L10		Duluth		x		C 2162	Q3	x			
	1168	L10		Duluth		x		C 2165	Q3	x	Wtg.	Disposition	
C	1175	G2		Duluth		x		C 2166	Q3	x	Stored	Brainerd	
C	1177	G2		Duluth		x		C 2167	Q3	x			
CA	1178	G2		Duluth		x		C 2168	Q3	x	Wtg.	Disposition	
C	1179	G2		Duluth		x		C 2179	Q4	x	Wtg.	Disposition	
	1182	G2		Duluth		x		C 2200	Q4	x			
	1183	G2		Duluth		x		C 2205	Q4	x			
	1212	Y3		Duluth		x		CAH%2226	Q5	x			
	1213	Y3		Duouth		x		CH%2227	Q5	x			
C	1555	W		x				C%2253	Q6	x			
C	1556	W		x				CH#2305	T			x	
C	1557	W		x				#2321	T			x	
C	1570	W		x				#2361	T			x	
C	1577	W		x				CH#2386	T	Stored	x	Brainerd	
C	1588	W		x				CH#2419	T	Duluth			x
CA	1605	W		x				CH#2424	T	Bemidji			x
C	1609	W		x				CH#2446	T			x	
C	1632	W		x				# 2463	T1	Duluth			x
	1642	W		x				# 2467	T1	Duluth			x
C	1643	W		x				CA%4023	Z3			x	
C	1646	W			x			CA%4024	Z3			x	
C	1647	W		x									
C	1657	W		Brainerd	Shop								
C	1659	W		See	x Below								
CAH	%1702	W3		x									
*CH	%1703	W3		Wtg.	x Disposition								
CA	%1686	W1		Stored	x Duluth								

LAKE SUPERIOR DIVISION (Cont.,)

Assigned.....94
Leased.....-
On Division.....94
Superheaters, note also sheet
"Locomotives with Extra
Equipment".....92
% Stokers.....38
H Feedwater Heaters.....14
* Thermic Syphons.....3
Boosters.....1
o Circulators.....1
Spark Arresters:
C Cyclone.....52
CA Cannon.....9
Master Mechanic.....32
Diesel-Electric.....1

DISTRIBUTION OF POWER
SAINT PAUL DIVISION

Eng. No.	Class	Pass.	Frnt.	Work	Switch	Eng. No.	Class	Pass.	Frnt.	Work	Switch
101	DE	Mpls.	(Diesel-Elec)	x		CAH%1835	W5		x	Booster	
102	DE	Mpls.	(Diesel-Elec)	x		C%1836	W5	Stored	x	Booster	Staples
103	DE	Mpls.	(Diesel-Elec)	x		C%1837	W5		x		
104	DE	Mpls.	(Diesel-Elec)	x		*C%1839	W5		x	Booster	
105	DE	Mpls.	(Diesel-Elec)	x		CA%1841	W5		x	Booster	
106	DE	St. Paul	(Diesel-Elec)	x		CAH%1845	W5	Stored	x	Staples	
107	DE	Mpls.	(Diesel-Elec)	x		CAH%1846	W5	Stored	x	Booster	Staples
108	DE	Staples	(Diesel-Elec)	x		CH%1848	W5	Stored	x	Booster	Staples
113	DE	Mpls.	(Diesel-Elec)	x		CH%1850	W5				x
114	DE	Mpls.	(Diesel-Elec)	x		oCAH%1851	W5		x	Booster	
152	D	Mpls.	(Diesel-Elec)	x		CAH%1852	W5	Stored	x	Booster	Northtown
157	DE	St. Paul	Stillwater			C%1853	W5	Stored	x	Booster	Northtown
			(Diesel-Elec)			CH%1854	W5	Stored	x	Booster	Northtown
#1088	L9	St. Paul-Stillwater		x		CA%1857	W5		x	Booster	
1160	L10	St. Paul		x		oCA%1859	W5		x	Booster	
1161	L10	Minneapolis		x		2093	Q	x			
1162	L10	Minneapolis		x		C 2150	Q3	wtg.	x	Brd. Shop	
1167	L10	St. Paul-Stillwater		x		C 2153	Q3	x			
C 1170	G1	St. Paul		x		C 2155	Q3			x	
C 1172	G1	St. Paul		x		C 2156	Q3			x	
C 1173	G1	Staples		x		C 2157	Q3	x			
C 1181	G2	Minneapolis		x		C 2169	Q3			x	
C 1184	G2	Staples		x		C 2189	Q4	x			
C%1504	W		x			C 2218	Q4		x	Stored	Staples
C 1514	W	Minneapolis		x		CH%2252	Q6	x			
C 1515	W	Minneapolis		x		C% 2254	Q6	x			
C%1519	W		x			CH%2255	Q6	x			
1524	W	Minneapolis		x		CH%2257	Q6	x			
C%1535	W		x			# 2315	T	East Grand Forks		x	
1540	W		x			# 2360	T		x		
C 1541	W	Minneapolis		x		# 2385	T	Wtg.	x	Disposition	
C%1545	W		x			# 2407	T		x		
C 1546	W	St. Paul		x		# 2413	T	East Grand Forks		x	
C%1550	W	Brainerd	x Shop			# 2416	T		x		
C%1551	W		x			# 2422	T	St. Paul			x
C%1552	W		x			# 2430	T		x		
C 1554	W	St. Paul		x		# 2434	T			x	
C 1558	W	Staples		x		# 2435	T		x		
C%1561	W		x			# 2450	T1	St. Paul			x
C 1572	W		x			# 2456	T1	St. Paul			x
C 1574	W	Minneapolis		x		# 2457	T1	St. Cloud			x
1576	W	Minneapolis		x		# 2461	T1		x		
C%1606	W	Dilworth	x Shop			C# 2465	T1	East Grand Forks		x	
CA%1649	W		x			# 2466	T1		x		
C%1673	W1		x								
*C%1768	W3		x								
*C%1793	W3	Stored		x	Staples						
oC%1817	W3		x								
oC%1825	W3	Stored	x		Northtown						

----- SAINT PAUL DIVISION (Cont.,) -----

Eng.	No.	Class	Pass.	Prt.	Work	Switch
	HC%2650	A2		x		
	CAH%2651	A2		x		
	CAH%2660	A3		x		
	CH%2661	A3		x		
	CH%2662	A3		x		
	CH%2663	A3		x		
	CH%2664	A3		x	Livingston Shop	
	CAH%2665	A3		x		
	oCAH%2670	A4		x		
	oHC%2671	A4		x		
	oHC%2672	A4	x			
	oHC%2673	A4	x		Livingston Shop	
	oHC%2674	A4	x			
	oHC%2675	A4	x			
	oHC%2676	A4	x			
	oCAH%2677	A4	x			

~~5100xxxxxxDExxxx(Diesel-Elec)~~

6500	DE	x	(Diesel-Elec)
6501	DE	x	(Diesel-Elec)
6502	DE	x	(Diesel-Elec)
6503	DE	x	(Diesel-Elec)
6504	DE	x	(Diesel-Elec)
6505	DE	x	(Diesel-Elec)
6506	DE	x	(Diesel-Elec)

Assigned.....	115
Leased.....	-
On Division.....	115
# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment".....	96
H Feedwater Heaters.....	27
% Stokers.....	50
* Thermic Syphons.....	3
Boosters.....	12
o Circulators.....	12
Spark Arresters:	
C Cyclone.....	58
CA Cannon.....	14
Master Mechanic.....	24
Diesel-Electric.....	19

DISTRIBUTION OF POWER
FARGO DIVISION

Eng.						Eng.					
No.	Class	Pass.	Prt.	Work	Switch	No.	Class	Pass.	Prt.	Work	Switch
C26	Y1		Jamestown		x	C 2145	Q1		x	Mxd.	
115	DE		Fargo (Diesel-Elec)		x	C 2147	Q1	Shop	x	Dilworth	
131	DE		(Diesel-Elec) Fargo		x	C 2154	Q3		x	Mxd.	
156	DE		(Diesel-Elec)			C 2177	Q4		x	Mxd.	
158	DE		(Diesel-Elec)			C 2180	Q4		x	Mxd.	
166	DE		(Diesel-Elec) Dilw.		x	C 2182	Q4	Wtg.	x	Mandan Shop	
#1134	L9		Wtg. Disposition		x	C 2183	Q4		x		
1165	L10		Stored Dilworth		x	C 2191	Q4		x	Mxd.	
1169	L10		Fargo		x	C 2202	Q4		x	Stored Dilworth	
C 1513	W		Jamestown		x	C 2220	Q4		x	Mxd.	
C% 1573	W				x	C 2223	Q4		x	Mxd. Stored Jamest	
C 1578	W		Shop Dilworth		x	HCA%2233	Q5		x	Stored Jamestown	
C 1579	W		Dilworth		x	HCA%2237	Q5	x	Stored Dilworth		
CA 1581	W		Dilworth		x	HCA%2244	Q5	x	Stored Jamestown		
C 1583	W		Stored Jamestown		x	C 2345	T		x		
C% 1585	W				x	C# 2454	T1	Valley City			x
C% 1597	W				x	C# 2455	T1		x		
C 1640	W		Jamestown		x	# 2459	T1	Valley City			x
CA%1651	W				x	C# 2460	T1	Shop	x	Dilworth	
C% 1660	W1		Stored x Mandan			HCA%2654	A2		x		
C% 1664	W1				x	CAH%2657	A2		x		
C% 1666	W1				x	CAH%2658	A2		x		
C% 1669	W1				x	CAH%2659	A2		x		
C 1681	W1		Wtg. Dilworth Shop		x	oHC%2680	A5		x		
CA%1687	W1				x	oHC%2681	A5		x		
C% 1688	W1				x	oHC%2682	A5		x		
*C%1715	W3		Stored x Brainerd			oHC%2683	A5		x		
CA%1721	W3		Stored x Brainerd			oHC%2684	A5		x		
*C%1734	W3		Stored x Dilworth			oHC%2685	A5		x		
C% 1737	W3				x	oHC%2686	A5		x		
C% 1743	W3		Stored x Jamestown			oHC%2687	A5		x		
oC%1755	W3		Stored x Dilworth			oHC%2688	A5		x		
C% 1769	W3		Stored x Dilworth			oHC%2689	A5		x		
C%1778	W3				x	CA%4007	Z3		x	Hlpr.	
C% 1789	W3				x	CA%4013	Z3		x	Hlpr.	
oC%1798	W3				x						
C% 1800	W3		Stored x Dilworth								
C% 1803	W3		Stored x Jamestown								
C% 1805	W3				x						
C% 1806	W3		Stored x Dilworth								
CA%1807	W3		Stored x Dilworth								
CA%1813	W3				x						
C% 1822	W3				x						
C% 1834	W3		Stored x Dilworth								
C% 1916	W2				x						
C% 1918	W2				x						
C 2117	Q1				x					Mxd.	
C 2129	Q1				x					Mxd.	
C 2132	Q1				x					Mxd.	

Assigned.....	84
Leased.....	-
On Division.....	84
# Superheaters, note also sheet	
"Locomotives with Extra Equipment".....	78
H Feedwater Heaters.....	17
* Thermic Syphons.....	2
% Stokers.....	49
o Circulators.....	12
Spark Arresters:	
C Cyclone.....	59
CA Cannon.....	16
Master Mechanic.....	4
Diesel-Electric.....	5

DISTRIBUTION OF POWER
YELLOWSTONE DIVISION

Eng. No.	Class	Pass.	Prt.	Work	Switch	Eng. No.	Class	Pass.	Prt.	Work	Switch
	C19	Y1	Billings		x						
	C21	Y1	Billings		x		C%1756	W3		x	
	C24	Y1	Billings		x		C%1757	W3		x	
	C27	Y1	Billings		x		C%1773	W3	Stored	x	Glendive
	C-34	Y	Stored	Laurel	x		C%1779	W3	Stored	x	Glendive
	C39	Y	Billings		x		C%1828	W3		x	
	110	DE	(Diesel-Elec)	Leased			CAH%1849	W5	Stored	x	Brd. Booster
			Foley Bros.	Colstrip Mine			CH%1908	W2		x	
	116	DE	(Diesel-Elec)	Mandan	x		CAH%1914	W2		x	
	117	DE	(Diesel-Elec)	Mandan	x		CH%1915	W2		x	
	123	DE	(Diesel-Elec)	Leased			CA%1917	W2		x	
			Foley Bros	Colstrip Mine			CH%1919	W2		x	
	164	DE	(Diesel-Elec)	Laurel	x		CH%2229	Q5	x	Stored	Mandan
	165	DE	(Diesel-Elec)	Laurel	x		CH%2230	Q5	x		
	1031	L7	Glendive		x		CH%2231	Q5	x	Stored	Billings
	1186	G2	Laurel		x		CH%2234	Q5	x	Stored	Glendive
C	1187	G2	Laurel		x		CH%2236	Q5	x	Stored	Livingston
	1190	G2	Laurel		x		CH%2242	Q5	x	Stored	Glendive
	1191	G2	Laurel		x		CH%2243	Q5	x	Stored	Glendive
	1192	G2	Laurel		x		2458	T1	Wtg.	Disposition	x
CA	1193	G2	Laurel		x		C 2500	W4	Stored	Mandan	x
C	1510	W		x	Tfr.		C 2501	W4	Glendive		x
C	1530	W			x		C 2502	W4	Glendive	Shop	x
C	1544	W	Stored	x	Laurel		C 2503	W4	Glendive		x
C	1568	W	Laurel		x		C 2504	W4	Mandan		x
C%	1580	W		x			C 2505	W4	Mandan	Stored	x
C	1591	W	Forsyth		x		HCA%2652	A2		x	
C	1603	W		x	Tfr.		HCA%2653	A2		x	
C	1627	W	Laurel		x		HCA%2655	A2		x	
CA%	1661	W1		x			HCA%2656	A2		x	
C%	1665	W1		x			oHCA%5006	Z5		x	Booster
C	1668	W1	Laurel	Shop	x		*CH% 5007	Z5	Stored	x	BoosterGlendiv
C%	1696	W1		x	Brd. Shop		oCH%5008	Z5	Shop	x	BoosterGlendiv
C%	1700	W3	Stored	x	Glendive		*CH%5009	Z5	Stord	x	Mandan Booster
C%	1709	W3		x			oHC%5010	Z5		x	Booster
C%	1710	W3	Stord	x	Glendive		oHC%5011	Z5		x	Booster
oC%	1711	W3	Stord	x	Glendive		oHC%5102	Z6		x	
C%	1712	W3	Stored	x	Glendive		*HC%5104	Z6		x	
CH%	1716	W3		x			*HC%5105	Z6		x	
C%	1717	W3	Stord	x	Glendive		*HC%5106	Z6		x	
C%	1718	W3		x			*HC%5107	Z6	Shop	x	Livingston
C%	1720	W3	Stord	x	Livingston		*HC%5108	Z6		x	
C%	1730	W3		x			*HC%5109	Z6		x	
CH%	1736	W3		x			oHC%5146	Z8		x	
C%	1739	W3	Stord	x	Glendive		oHC%5147	Z8		x	
C%	1741	W3		x			oHC%5148	Z8		x	
C%	1746	W3		x			oHC%5149	Z8		x	
							6011	DE		x	(Diesel-Elec)
							6012	DE		x	(Diesel-Elec)
							6013	DE		x	(Diesel-Elec)
							6014	DE		x	(Diesel-Elec)
							6015	DE		x	(Diesel-Elec)

YELLOWSTONE DIVISION (Cont.,)

Assigned.....	96
Leased.....	2
On Division.....	94
# Superheaters, note also sheet	
"Locomotives with Extra Equipment....	83
H Feedwater Heaters.....	35
Boosters.....	7
% Stokers.....	57
* Thermic Syphons.....	8
o Circulators.....	10
Spark Arresters:	
C Cyclone.....	69
CA Cannon.....	10
Master Mechanic.....	6
Diesel-Electric.....	11

DISTRIBUTION OF POWER
ROCKY MOUNTAIN DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
20	Y1		Butte	x	*C%1811	W3			x
23	Y1		Helena Shop	x	C%1814	W3			x
C25	Y1		Missoula	x	*C%1815	W3			x Hlpr.
C28	Y1		Wallace	x	CH%1816	W3			x
29	Y1		Butte	x	*CA%1818	W3			x Hlpr.
31	Y		Helena	x	*CA%1838	W5	Stored		x Livn. Booster
33	Y		Butte	x	CA%1840	W5			x Hlpr. Booster
35	Y		Helena	x	C% 1842	W5	/wtg.		x Hlpr. Boostr
C36	Y		Missoula Shop	x			Disp.		
C41	Y		Butte	x	C% 1843	W5			x Hlpr. Booster
42	Y		Helena	x	C% 1855	W5			x Hlpr. Booster
171	DE		Missoula (DieselElex)	x	*CA%1856	W5			x Hlpr. Booster
172	DE		Missoula (DieselElex)	x	C% 1858	W5			x Hlpr. Booster
173	DE		Missoula (DieselElex)	x	C 2131	Q1	x		
174	DE		Missoula (DieselElex)	x	C 2163	Q3	x	Stored	Livingston
1057	L9		Stored Livingston	x	C 2164	Q3	x	Stored	Helena
1093	L9		Bozeman	x	C 2201	Q4	x		
C 1188	G2		Livingston Shop	x	C 2212	Q4	x	Stored	Missoula
C 1189	G2		Livingston	x	C 2213	Q4	x	Shop	Missoula
1201	Y3		Helena	x	C 2215	Q4	x		
1202	Y3		Butte	x	C 2222	Q4	x		
C1356	S4				CAH%2228	Q5	x		
C 1379	S4	Stored	x Butte		CH%2232	Q5	x		
C 1382	S4				CH%2235	Q5	x		
C 1387	S4				CH%2238	Q5	x	Stored	Missoula
C 1389	S4				CH%2239	Q5	x	/wtg.	Disposition
C%1518	W				CH%2240	Q5	x		
CA%1522	W				CH%2241	Q5	x	Stored	Helena
C%1536	W	x Hlpr.			CH%2245	Q5	x	Stored	Missoula
C%1562	W	Stored	x Butte		*CH%2604	A	x		
C%1565	W				CH%2606	A	x		
C%1594	W	Stored	x Hlpr. Butte		CH%2607	A	x		
C%1595	W	x Hlpr.			oCAH%2611	A	x		
C%1614	W				CH%2666	A3	x		
C%1624	W	x Hlpr.			CH%2667	A3	x		
C 1634	W	Livingston		x	CA%4008	Z3	/wtg.	xHlpr.	Disp.
C%1638	W	x Hlpr.			CA%4009	Z3	Stored	x	Helena
CA%1714	W3	Stored	x Livingston		CA%4012	Z3			x Hlpr.
C%1719	W3		x Hlpr.		CA%4014	Z3	Stored	x	Hlpr. Livingston
C%1725	W3		x Hlpr.		CA%4017	Z3	/wtg.	x	Hlpr. Dispositn
*C%1733	W3	Shop	x Hlpr. Livn. RH		CA%4018	Z3			x Hlpr.
*C%1760	W3				C% 4019	Z3			x Hlpr.
C%1761	W3		x Hlpr.						
C%1767	W3		x Hlpr.						
CH%1781	W3								
C%1808	W3								
C%1809	W3								

ROCKY MOUNTAIN DIVISION (Cont.)

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C%4020	Z3		x		*HC%5120	Z6		x	
C%4021	Z3		x		oHC%5121	Z7	Stordx	Livingston	
C%4022	Z3		x	Hlpr.	oHC%5122	Z7		x	
CA%4025	Z3	wtg.	x	Dispn.	oHC%5123	Z7		x	
C%4500	Z4		x	Hlpr. Booster	oHC%5124	Z7		x	
CA%4501	Z4		x	Hlpr. Booster	oHC%5125	Z7		x	
C%4502	Z4		x	Hlpr. Booster	oHC%5126	Z7		x	
CA%4503	Z4		x	Hlpr. Booster	oHC%5130	Z8		x	
*HC%5000	Z5	Livn.	x	Hlpr. Booster	oHC%5131	Z8	Stordx	Livingston	
		Shop			oHC%5132	Z8		x	
*CAH%5001	Z5		x	Hlpr. Booster	oHC%5133	Z8		x	
*CAH%5002	Z5		x	Hlpr. Booster	oHC%5134	Z8		x	
oHC%5003	Z5		x	Hlpr. Booster	oHC%5135	Z8		x	
oCAH%5004	Z5		x	Hlpr. Booster					
*CAH%5005	Z5		x	Hlpr. Booster					
*HC%5100	Z6		x	Livn. Shop					
*HC%5101	Z6		x						
*HC%5103	Z6		x						

Assigned.....118
 Leased.....
 On Division.....118
 # Superheaters, note also sheet
 "Locomotives with Extra
 Equipment".....112
 % Stokers.....83
 * Thermic Syphons.....16
 H Feedwater Heaters.....38
 Boosters.....17
 o Circulators.....15
 Spark Arresters:
 C Cyclone.....82
 CA Cannon.....21
 Master Mechanic.....11
 Diesel-Electric.....4

DISTRIBUTION OF POWER
IDAHO DIVISION

Eng. -----					Eng. -----				
No.	Class	Pass.	Frts.	Work Switch	No.	Class	Pass.	Frts.	Work Switch
109	DE		Yardley	(Diesel-Elec)x	C%1506	W		Leased	Camas Prairie RR
111	DE		Yardley	(Diesel-Elec)x	CA%1516	W			x
119	DE		Yardley	(Diesel-Elec)x	CA%1521	W			x
122	DE		Yardley	(Diesel-Elec)x	1527	W	OB	Leased	Camas Prairie
153	DE		Yardley	(Diesel-Elec)x	C%1533	W			x
154	DE		Yardley	(Diesel-Elec)x	C%1539	W		Leased	Camas Prairie RR
162	DE		Yardley	(Diesel-Elec)x	C%1567	W			x
167	DE		Yardley	(Diesel-Elec)x	C%1575	W			x
# 1054	L9		OB Leased	Camas Prairie	C%1592	W			x
1074	L9		OB Leased	Camas Prairie	CA%1613	W			x
C 1171	G1		Pasco		CA%1616	W			x
C 1174	G2		Pasco		1618	W	OB	Leased	Camas Prairie
C 1176	G2		Pasco		C%1623	W			x
C 1180	G2		Pasco		CA%1639	W			x
1203	Y3		Pasco		C%1662	W1			x
1250	Y2		Pasco		CA%1663	W1			x
1252	Y2		Stored	Parkwater	C%1667	W1			x
1254	Y2		Yardley		C%1684	W1			x
1264	Y2		Pasco		CA%1722	W3			x
C 1351	S4			x	C%1729	W3			x
C 1352	S4			x	C%1731	W3			x
C 1353	S4			x	C%1735	W3			x
C 1354	S4			x	C%1738	W3			x
C 1355	S4		Leased	Camas Prairie	C%1742	W3			x
C 1357	S4		Leased	Camas Prairie	CA%1748	W3			x
C 1358	S4			x	*C%1759	W3			x
C 1359	S4			x	*C%1763	W3	Stored		x Parkwater
C 1360	S4			x	CA%1770	W3			x
C 1362	S4			x	CH%1782	W3	Stored		x Pasco
C 1365	S4			x	CA%1787	W3	Stored		x Parkwater
C 1366	S4			x	C%1788	W3	Stored		x Pasco
C 1367	S4			x	C%1792	W3			x
C 1372	S4		Leased	Camas Prairie RR	*C%1794	W3			x Hlpr.
C 1374	S4			x	C%1795	W3			x Hlpr.
C 1375	S4			x	C%1810	W3	Stored		x Pasco
C 1376	S4			x	CH%1820	W3			x
C 1377	S4			x	CH%1831	W3			x
C 1378	S4		Wtg.	x Disposition	C%1902	W2			x
C 1380	S4			x	C%1904	W2			x
C 1383	S4			x	C%1912	W2			x
C 1386	S4			x So.Tac.Shop	C 2141	Q1			x
C 1388	S4		Pasco	x Shop	C 2142	Q1	x		
					C 2143	Q1	x		+
					C 2152	Q3			x
					C 2158	Q3	x	So.Tac.Shop	
					C 2160	Q3	x	So.Tac.Shop	
					C 2170	Q3	x	Wtg.Disposition	

IDAHO DIVISION (Cont.,)

Eng.						Eng.					
No.	Class	Pass.	Frnt.	Work	Switch	No.	Class	Pass.	Frnt.	Work	Switch
C2188	Q4	x	pasco	Shop		*HC%5114	Z6			x	
C%2192	Q4	x				*HC%5115	Z6			x	
C%2193	Q4	x				*HC%5116	Z6			x	
C 2195	Q4	x				oHC%5117	Z6		Shop	x	Livingston
C 2203	Q4	x				oHC%5118	Z6			x	
C 2204	Q4	x		/wtg. Disposition		oHC%5119	Z6			x	
C 2206	Q4	x		/wtg. Disposition		oHC%5136	Z8			x	
C 2207	Q4	x				oHC%5137	Z8			x	
C 2208	Q4	x		/wtg. Disposition		oHC%5138	Z8			x	
C 2210	Q4	x		/wtg. Disposition		oHC%5139	Z8			x	
C 2217	Q4	x				oHC%5140	Z8			x	Stored Parkwater
CA%2249	Q6	x				oHC%5141	Z8			x	Stored Parkwater
CH%2256	Q6	x				oHC%5142	Z8			x	
*HC%5110	Z6				x	oHC%5143	Z8			x	
*HC%5111	Z6		Stored	x	Parkwater	oHC%5144	Z8			x	
*HC%5112	Z6				x	oHC%5145	Z8			x	
*HC%5113	Z6				x						

Assigned.....122
 Leased.....9
 On Division.....113
 # Superheaters, note also sheet
 "Locomotives with Extra
 Equipment".....113
 * Thermic Syphons.....10
 H Feedwater Heaters.....25
 % Stokers.....62
 OB Oil Burners.....4
 o Circulators.....14
 Spark Arresters:
 C Cyclone.....93
 CA Cannon..... 12
 Master Mechanic......5
 Diesel-Electric......8

DISTRIBUTION OF POWER
TACOMA DIVISION

Eng. No.	Class	Pass.	Frnt.	Work	Switch	Eng. No.	Class	Pass.	Frnt.	Work	Switch
98	DE	So. Tacoma			x	1129	L9	Everett			x
112	DE	Auburn (Diesel-Elec)			x	#1132	L9	Seattle	OB		x
118	DE	Seattle (Diesel-Elec)			x	C1185	G2	Yakima			x
120	DE	Auburn (Diesel-Elec)			x	1207	Y3	Yakima			x
121	DE	Tacoma (Diesel-Elec)			x	1253	Y2		x	Tfr.	
124	DE	(Diesel-Elec) Leased King Street Station				1256	Y2	Yakima			x
125	DE	Seattle (Diesel-Elec)			x	1262	Y2	Auburn			x
126	DE	Tacoma (Diesel-Elec)			x	1265	Y2	Centralia			x
127	DE	Tacoma (Diesel-Elec)			x	1271	Y2	Yakima			x
128	DE	Seattle (Diesel-Elec)			x	1272	Y2	Yakima			x
129	DE	Seattle (Diesel-Elec)			x	1274	Y2		x	Tfr.	
130	DE	Seattle (Diesel-Elec)			x	1278	Y2	Yakima			x
150	DE	Tacoma (Diesel-Elec)			x	B1350	S4		x		
151	DE	Seattle (Diesel-Elec)			x	B1361	S4		x		
155	DE	(Diesel- x Tfr. Elec)				B1364	S4		x		
159	DE	Auburn (Diesel-Elec)			x	1368	S4		x	OB	
160	DE	Tacoma (Diesel-Elec)			x	B1369	S4		x		
161	DE	Seattle (Diesel-Elec)			x	B1370	S4		x		
163	DE	Tacoma (Diesel-Elec)			x	C1373	S4		x		
168	DE	Tacoma (Diesel-Elec)			x	C1381	S4	So. Tac. Shop		x	
169	DE	Auburn (Diesel-Elec)			x	C1384	S4		x		
170	DE	Seattle (Diesel-Elec)			x	1385	S4	OB	x		
916	L6	Wtg. Disposition			x	1501	W	Yakima Shop			x
1033	L7	Leased Simpson Logging Co				1507	W	OB	x		
1041	L9	Olympia			x	C%1520	W		x	Hlpr.	
#1045	L9	Everett			x	1529	W	OB Shop	x	Tacoma R.H.	
1048	L9	Wtg. Disposition			x	1548	W	OB		x	
1049	L9	Centralia			x	C%1549	W		x		
#1052	L9	Seattle			x	C%1566	W		x		
#1053	L9	OB Tacoma			x	C%1569	W		x		
1064	L9	Tacoma			x	1612	W	Yakima			x
1070	L9	Aberdeen			x	C%1619	W		x		
#1072	L9	Wtg. Disposition			x	1621	W	OB	x	Mxd.	
1076	L9	Shop Tacoma R.H.			x	1648	W	OB	x		
1080	L9	Leased King St. Station				1655	W	OB	x		
1081	L9	Aberdeen			x	1670	W1	OB	x	Hlpr.	
#1082	L9	OB Chehalis			x	C%1672	W1		x		
1083	L9	Hoquiam			x	1674	W1	OB	x	Tfr.	
#1086	L9	Seattle			x	1675	W1	OB	x		
1091	L9	OB Centralia			x	1677	W1	OB	x		
1092	L9	Aberdeen			x	C%1678	W1	Wtg.	x	Disposition	
1095	L9	Seattle			x	C%1679	W1		x		
#1097	L9	OB Seattle			x	1682	W1	OB	x	Tfr.	
1098	L9	OB Seattle			x	C%1683	W1		x		
1104	L9	Olympia			x	CA%1685	W1		x		
1108	L9	OB Seattle			x	C%1690	W1		x		
#1110	L9	So. Bend			x	C%1691	W1		x		
1111	L9	Olympia			x	C%1693	W1		x		
#1116	L9	Olympia			x	1694	W1	OB	x	Hlpr.	
1118	L9	O B Centralia			x	1697	W1	OB			x
##1122	L9	Seattle			x	C%1699	W1		x		
#1123	L9	Everett			x	*CA%1705	W3		x		
1126	L9	Seattle OB			x	o1706	W3	OB	x		
1127	L9	So. Tac. Shop			x	1708	W3	OB	x		
1128	L9	Hoquiam			x	*CA%1713	W3		x	Hlpr.	
						1728	W3	OB	x		

TACOMA DIVISION

TACOMA DIVISION (Cont.)

Eng. No.	Class	Pass.	Frt.	Work	Switch	Eng. No.	Class	Pass.	Frt.	Work	Switch
C%1732	W3		x			C%2258	Q6				
CAH%1745	W3	/Wtg.	x	Dispn.		CA%2259	Q6	x			
H 1752	W3	OB	x			CA%2260	Q6	x			
CA%1754	W3		x			H 2261	Q6	x	OB		
H 1766	W3	OB	x			2262	Q6	x	OB		
1772	W3	OB	x			2263	Q6	x	OB	Auburn Shop	
CAH%1775	W3			x		H 2264	Q6	x	OB		
1776	W3	OB	x			2265	Q6	x	OB		
H 1777	W3	OB	x	So. Tac. Shop		2425	T		Staty. Plant Centralia	x	
C%1780	W3		x			2451	T1		Seattle Staty. Plant	x	
1783	W3	OB	x			2453	T1		Staty. Plant Tacoma	x	
oCA%1784	W3		x			H 2600	A	x	OB	Booster So. Tac Shop	
1785	W3	/Wtg.	x	Disposition		H 2601	A	x	OB		
CAH%1791	W3		x			H 2602	A	x	OB		
H 1797	W3	OB	x			H 2603	A	x	OB	Booster	
o 1799	W3	OB	x			H 2605	A	x	OB		
H 1801	W3	OB	x			H 2608	A	x	OB	Booster	
CA%1802	W3		x			H 2609	A	x	OB	Booster	
1804	W3	OB	x			oH 2610	A	x	OB	Booster	
1812	W3	OB	x			H 2626	A1	x	OB	Timken Booster	
CAH%1821	W3		x	Hlpr.		CA%4010	Z3			x	
CAH%1823	W3		x			CA%4011	Z3	/Wtg.	x	Disposition	
H 1824	W3	OB	x			4016	Z3	OB	x	Hlpr.	
CA%1826	W3		x			6000	DE		x	(Diesel-Elec)	
CAH%1829	W3	So. Tac.	x	Shop		6001	DE		x	(Diesel-Elec)	
CH%1830	W3	/Wtg.	x	Disposition		6002	DE		x	(Diesel-Elec)	
1901	W2	OB	x			6003	DE		x	(Diesel-Elec)	
C%1905	W2		x			6004	DE		x	(Diesel-Elec)	
C%1906	W2		x	Tfr.		6005	DE		x	(Diesel-Elec)	
1910	W2	OB	x	Hlpr.		6006	DE		x	(Diesel-Elec)	
1911	W2	OB	x	Hlpr.		6007	DE		x	(Diesel-Elec)	
CA%1913	W2		x			6008	DE		x	(Diesel-Elec)	
C 2110	Q1	x				6009	DE		x	(Diesel-Elec)	
C 2111	Q1	x		/Wtg. Disposition		6010	DE		x	(Diesel-Elec)	
C 2161	Q3	x		/Wtg. Disposition							
C 2184	Q4	/Wtg.	x	Disposition							
C 2185	Q4	x		/Wtg. Disposition							
2187	Q4	x	OB	Seattle Shop							
C 2194	Q4	x									
C 2198	Q4	x									
C 2211	Q4	x		/Wtg. Disposition							
C 2216	Q4	x		Stored Auburn							
CH%2246	Q6	x		Hlpr.							
CAH%2247	Q6	x									
CAH%2248	Q6	x									
2250	Q6	x		OB							
CAH%2251	Q6	x									

Assigned.....	192
Leased to Others.....	3
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# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment".....	133
H Feedwater Heaters.....	28
% Stokers.....	41
* Thermic Syphons.....	2
Boosters.....	6
o Circulators.....	4
OB Oil Burners.....	59
Spark Arresters:	
C Cyclone.....	33
CA Cannon.....	21
B Baffle Plate.....	5
Master Mechanic.....	41
Diesel-Electric.....	33