

1944

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

JANUARY 1st, 1944

LIVINGSTON, MONT.
JAN 10 1944
COMM. DIVISION

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

Yellowstone Division locomotive No. 2656 was transferred to the Saint Paul Division.

Diesel-Electric switch locomotive No. 99, which was assigned to the Lake Superior Division, was purchased by the Duluth Union Depot Company, and eliminated from our assignment list.

Rocky Mountain Division Class W-3 locomotives Nos. 1810, 1811, 1818 and 1831, were transferred to the Idaho Division, and Class W-5 locomotives Nos. 1838, 1842, 1843, and 1855, from the latter division were transferred to the former division.

Tacoma Division locomotive No. 2626, was transferred to the Idaho Division.

Tacoma Division locomotive No. 1671 was equipped with a mechanical stoker while in South Tacoma Shop.

Class O-1 locomotive No. 3131 was leased from the Great Northern Railway and assigned to freight helper and transfer service on the Tacoma Division.

Class M-3 locomotives Nos. 220 and 221 were leased from the Duluth, Missabe & Iron Range R.R., and assigned to freight service on the Yellowstone Division between Laurel and Livingston.

Total number of locomotives assigned 868.

E. L. GRIMM,

General Mechanical Superintendent.

W. R. McGEE

427 SO. 8th

LIVINGSTON, MONT. 50047

NORTHERN PACIFIC RAILWAY COMPANY
 OFFICE OF GENERAL MECHANICAL SUPERINTENDENT
 CLASSIFICATION OF SERVICE SHOWING ACTUAL LOCATIONS
 DISTRIBUTION OF POWER JANUARY 1st, 1944

Service	L.S.	St. Paul	Fargo	Y.S.	R.M.	Idaho	Tacoma	Total	
PASSENGER									
	A	12	28	3	8	37	22	30	140
	S	2	1	-	-	2	1	2	8
	W	-	-	-	-	-	-	-	-
1944	/	-	-	-	-	-	-	-	-
	A	13	25	4	7	30	18	31	128
	S	1	-	-	3	1	-	1	6
	W	-	1	-	-	-	-	1	2
1943	/	-	-	-	-	-	-	-	-
FREIGHT									
	A	40	48	66	56	63	75	96	444
	S	2	2	1	2	2	2	4	15
	W	-	-	-	-	1	1	1	3
1944	/	-	-	-	-	-	-	-	-
	A	40	52	66	54	66	70	96	444
	S	5	2	3	-	3	4	8	26
	W	-	-	-	2	-	-	1	3
1943	/	-	-	-	-	-	-	-	-
WORK									
	A	-	-	-	-	1	4	3	8
	S	-	-	-	-	-	-	-	-
	W	-	-	-	-	-	-	1	1
1944	/	-	-	-	-	-	-	-	-
	A	-	-	-	1	1	3	4	9
	S	-	-	-	-	-	-	-	-
	W	-	-	-	-	-	-	-	-
1943	/	-	-	-	-	-	-	-	-
SWITCH									
	A	36	43	18	29	20	21	85	252
	S	1	2	1	1	1	-	2	8
	W	-	-	-	-	-	-	5	5
1944	/	-	-	-	-	-	-	-	-
	A	38	40	17	27	20	19	77	238
	S	-	-	-	-	-	-	3	3
	W	-	-	-	-	-	-	-	-
1943	/	-	-	-	-	-	-	-	-
LEASED									
1944		-	-	-	2	1	13	8	24
1943		-	-	-	1	-	13	9	23
TOTAL									
	A	88	119	87	95	122	135	222	868
	S	5	5	2	3	5	3	8	31
	W	-	-	-	-	1	1	7	9
1944	/	-	-	-	-	-	-	-	-
	A	91	117	87	90	117	123	217	842
	S	6	2	3	3	4	4	12	34
	W	-	1	-	2	-	-	2	5
1943	/	-	-	-	-	-	-	-	-

"A" Assigned
 "S" At Shop

"W" Waiting to go to shop
 "/ " Stored not serviceable or awaiting disposition.

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

DISTRIBUTION OF POWER

JANUARY 1st, 1944

CLASS	L. S.	St. Paul	Fargo	Y. S.	R. M.	Idaho	Tacoma	TOTAL
A					6		6	12
A1						1		1
A2		4		6				10
A3					5	3		8
A4		8						8
A5			10					10
D2		1						1
D3		1						1
DE	I	10		(2)2		3	9	(2)25
F1							8	8
G1		3				1		4
G2	5	2		9	1	3		20
L6							(2)	(2)
L7	I			I			2	4
L9	18	3	I	I	2	(1)1	(2)44	(3)70
L10		7	3					10
M3				2				2
O1							1	1
Q		5				1		6
Q1	7		12		(1)2	3	3	(1)21
Q3	7	7	11	I	2	4	1	23
Q4	3	3	6	I	5	11	8	37
Q5	2		3	7	8			20
Q6		5			2		13	20
S4					5	(4)19	12	(4)36
S10	2							2
T	8	11	1				1	21
T1	3	6	4	I			2	16
W	14	24	12	4	12	(4)13	24	(4)103
W1		1	11			4	19	35
W2			2	15				17
W3	18	18	18	18	12	(4)11	(4)25	(8)120
W4				6				6
W5	2			2	10	11		25
Y				2	7		2	11
Y1			3	3	6			12
Y2						9	14	23
Y3	3				2	4	5	14
Z2					5			5
Z3					6		15	21
Z4					4			4
Z5				12				12
Z6					7	14		21
Z7					6			6
Z8					6	6		12
LEASED				(2)	(1)	(13)	(8)	(24)
On								
Division	88	119	87	93	121	122	214	844
Total								
1944	88	119	87	95	122	135	222	868
Total								
1943	91	117	87	90	117	123	217	842

Note : Locomotives leased are shown in parenthesis.

How'd say those Duluth engines had gone back when I got your letter wish I could have seen your picture on Trains which won a prize for you. Those books haven't come yet that I'm supposed to pay \$4.00 on maybe you better write them.

NORTHERN PACIFIC RAILWAY COMPANY

OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

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 not in Serviceable Condition</u>
Lake Supr.	88	88	-	5	-
St. Paul	119	119	-	9	-
Fargo	87	87	-	10	-
Yellowstone	95	93	2	8	-
Rky. Mtn.	122	121	1	2	-
Idaho	135	122	13	1	-
Tacoma	222	214	8	7	-
<hr/>					
TOTAL	868	844	24	42	-

N.P. got the first Diesel Electric last week a picture of it in Friday paper Feb 25.

Read Horace Hiest to site for first time in months. Do you get good programs over there from here?

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT
LOCOMOTIVES WITH EXTRA OR SPECIAL EQUIPMENT

	L.S.	ST.P.	FGO.	Y.S.	R.M.	IDA.	TAC.	TOTAL
<u>Superheaters</u>	83	106	86	89	120	130	168	782
<u>Feedwater Heaters</u>	15	16	13	35	46	32	24	181
<u>Stokers</u>	32	41	46	63	85	64	70	401
<u>Boosters</u>	2	-	-	14	20	12	6	54
<u>Thermic Syphons</u>	3	7	3	16	12	23	5	69
<u>Oil Burners</u>	-	-	-	-	-	2	23	25
<u>Spark Arresters-Master Mech.</u>	39	37	7	11	12	15	95	216
<u>Spark Arresters-Cyclone</u>	48	72	80	80	110	115	89	594
<u>Spark Arresters-Baffle Plate</u>	-	-	-	-	-	-	6	6

Note:

All locomotives in the following classes are equipped with Superheaters:

A	L10	S4	Y	Z5
A1	Q	W	Y1	Z6
A2	Q1	W1	Y2	Z7
A3	Q3	W2	Y3	Z8
A4	Q4	W3	Z2	
A5	Q5	W4	Z3	
G1	Q6	W5	Z4	
G2				

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

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 Mine
113	DE	Yellowstone	11- 4-43	Foley Bros. Colstrip Mine
	(Diesel-Electric)			
916	L6	Tacoma	3-30-43	Simpson Logging Company
917	L6	Tacoma	4-29-43	Simpson Logging Company
1048	L9	Tacoma	9-24-43	King Street Terminal
1122	L9	Tacoma	7- 5-42	King Street Terminal
1126	L9	Idaho	12- 5-41	Camas Prairie R.R.
1352	S4	Idaho	2-23-40	Camas Prairie R.R.
1374	S4	Idaho	8-16-40	Camas Prairie R.R.
1377	S4	Idaho	8- 7-41	Camas Prairie R.R.
1380	S4	Idaho	4-22-41	Camas Prairie R.R.
1567	W	Idaho	8-30-41	Camas Prairie R.R.
1613	W	Idaho	9-15-43	Camas Prairie R.R.
1618	W	Idaho	7-23-37	Camas Prairie R.R.
1630	W	Idaho	6-17-42	Camas Prairie R.R.
1751	W3	Idaho	5-15-42	S. P. & S. Ry.
1762	W3	Idaho	5-15-42	S. P. & S. Ry.
1708	W3	Tacoma	4-11-42	Southern Pacific Ry.
1754	W3	Idaho	4-11-42	Southern Pacific Ry.
1776	W3	Tacoma	4-11-42	Southern Pacific Ry.
1783	W3	Tacoma	4-11-42	Southern Pacific Ry.
1799	W3	Tacoma	4-11-42	Southern Pacific Ry.
1812	W3	Idaho	4-11-42	Southern Pacific Ry.
2122	Q1	Rky. Mtn.	9-11-43	Dupont de Nemours Co.

TOTAL NUMBER LEASED - 24

NORTHERN PACIFIC RAILWAY COMPANY
Office of General Mechanical Superintendent

ASSIGNMENT OF GAS-ELECTRIC MOTOR CARS

<u>Number</u>	<u>Trains</u>	<u>Between</u>
B-3	31-32	Brainerd - Little Falls
B-6	Como Shops	
B-8	Stored Centralia	
B-9	Stored Brainerd	
B-10	Stored at Pasco	
B-11	Stored at Mandan	
B-12	323 - 321	Lewiston - Stites
B-13	Extra Brainerd	
B-14	343 - 344	Lewiston - Grangeville
B-15	57 - 58	Duluth - Staples
B-16	147 - 148	Jamestown - Wilton
B-17	In Como Shops	
B-18	287 - 288	Butte - Garrison
B-19	163 - 164	Mandan - Killdeer
B-20	111 - 112	Staples - Oakes
B-21	161-162	Mandan - Mott
B-22	157 - 158	Jamestown - Leeds
B-23	315 - 316	Spokane - Coulee
B-24	55 - 56	Duluth - Staples
B-26	29 - 30	Little Falls - Morris

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

JANUARY 1, 1944.

DISTRIBUTION OF POWER

LAKE SUPERIOR DIVISION

<u>Engine</u>					<u>Engine</u>				
<u>No.</u>	<u>Class</u>	<u>Pass.</u>	<u>Frnt.</u>	<u>Work Switch</u>	<u>No.</u>	<u>Class</u>	<u>Pass.</u>	<u>Frnt.</u>	<u>Work Switch</u>
100	DE		Brainerd	(Diesel-Elec) x	%1647	W			x
321	S10			x	C%1657	W			x
328	S10			x	C%1659	W			x
1030	L7		Brainerd	x	CH%1702	W3	Duluth		x
#1040	L9		Duluth	x	*CH%1703	W3			x
#1043	L9		Duluth	x	C%1707	W3			x
#1051	L9		Duluth	x	CH%1723	W3			x
#1055	L9		Duluth	x	*CH%1724	W3	Stored	x	Brd. Shop Duluth
#1058	L9		Duluth	x	C%1740	W3			x
1060	L9		Duluth	x	CH%1749	W3	Shop	x	Brd.
#1062	L9		Duluth	x	C%1758	W3			x
#1063	L9		Duluth	x	C%1764	W3			x
#1065	L9		Duluth	x	HC%1771	W3			x
#1068	L9		Duluth	x	CH%1774	W3			x
#1071	L9		Duluth	x	CH%1786	W3	Stored	x	Duluth
#1077	L9		Cloquet	x	CH%1790	W3			x
#1112	L9		Duluth	x	CH%1796	W3			x
#1113	L9		Duluth	x	C%1819	W3			x
#1114	L9		Duluth	x	C%1827	W3			x
#1115	L9		Duluth	x	CH%1832	W3			x
#1119	L9		Duluth	x	C%1833	W3			x
#1120	L9		Duluth	x	*CH%1844	W5			x
C1177	G2		Duluth	x	CH%1847	W5			x
C1178	G2		Duluth	x	2147	Q1			x
C1179	G2		Duluth	x	C2148	Q3	x		Brd. Shop
1182	G2		Duluth	x	2149	Q3	x		
1183	G2		Duluth	x	2151	Q3	x		Brainerd Shop
1209	Y3		Duluth	x	2165	Q3			
1212	Y3		Duluth	x	C2166	Q3	x		Stored Brainerd
1213	Y3		Duluth	x	C2167	Q3	x		
C1555	W		Duluth	x	C2168	Q3	x		
C%1556	W			x	C2179	Q4	x		
C1557	W			x	C2200	Q4	x		
C%1570	W			x	C2205	Q4	x		
C1577	W	Stored		x	CH%2226	Q5	x		
C%1588	W			x	CH%2227	Q5	x		
%1605	W	Stored	Duluth	x	C#2305	T			x
C%1609	W			x	#2321	T			x
C%1632	W			x	#2344	T			x
1642	W		Duluth	x	#2361	T			x
C%1643	W			x					

LAKE SUPERIOR DIVISION

LAKE SUPERIOR DIVISION (Cont.)

Engine No.	Class	Pass.	Frnt.	Work	Switch
C#2386	T		x		
C#2419	T	Shop	Brainerd		x
C#2424	T	Bemidji			x
C#2446	T		x		
#2462	T1	Duluth			x
#2463	T1	Duluth			x
#2467	T1	Brainerd			x

	Assigned	88
	Leased	7
	On Division.	88
#	Superheaters, note also sheet "Locomotives with Extra Equipment"	83
%	Stokers	32
H	Feedwater Heaters.	15
*	Thermic Syphons	3
	Boosters	2
	Spark Arresters	
C	Cyclone	48
	Master Mechanic.	39
	Diesel-Electric.	1

LAKE SUPERIOR DIVISION

NORTHERN PACIFIC RAILWAY COMPANY
Office of General Mechanical Superintendent

January 1, 1944.
ST. PAUL DIVISION

DISTRIBUTION OF POWER

Engine					Engine				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
101	DE	Mpls.	(Diesel-Elec.)	x	C1568	W			x
102	DE	Mpls.	(Diesel-Elec.)	x	C1572	W			x
103	DE	Mpls.	(Diesel-Elec.)	x	1574	W	Mpls.		x
104	DE	Mpls.	(Diesel-Elec.)	x	1576	W	Mpls.		x
105	DE	Mpls.	(Diesel-Elec.)	x	C1578	W		x	
106	DE		(Diesel-Elec.)	x	C1579	W	Shop	x	St. Paul
			St. Paul-Stillwater		C1627	W		x	
107	DE	Mpls.	(Diesel-Elec.)	x	C1631	W	Mpls.		x
108	DE	Staples	(Diesel-Elec.)	x	1640	W	St. Paul		x Shop
114	DE	Mpls.	(Diesel-Elec.)	x	C%1646	W		x	
115	DE	St. Paul	(Diesel-Elec.)	x	C1673	W1		x	
451	D3	Stored	x E.G. Forks		*C%1711	W3		x	
558	D2	Stored	x Staples		C%1712	W3	x		
#1067	L9	Stillwater		x	C%1714	W3		x	
#1088	L9	St. Paul		x	C%1719	W3		x	Stored North-
1121	L9	St. Paul	Stored	x					town
1160	L10	Staples		x	C%1731	W3		x	
1161	L10	Mpls.		x	*C%1733	W3		x	
1162	L10	St. Paul	Stored	x	C%1735	W3		x	
1163	L10	Mpls.		x	C%1742	W3		x	
1164	L-10	Mpls.		x	*C%1768	W3		x	
1167	L10	Mpls.		x	C%1770	W3		x	
1168	L10	Mpls.		x	C%1787	W3		x	
C1170	G1	St. Paul		x	C%1788	W3		x	
C1172	G1	Mpls.		x	C%1792	W3		x	
C1173	G1	St. Paul		x	*CH%1793	W3		x	
C1181	G2	Staples		x	*C%1794	W3		x	
C1184	G2	Shop St. Paul		x	C%1795	W3		x	
C1503	W	Staples		x	*C%1817	W3		x	
C%1504	W	Mnpls.		x	*C%1825	W3		x	
C1514	W	Mpls.		x	C2080	Q	x		
C1515	W	Mpls.		x	2081	Q	x		Stored Staples
1524	W	Mpls.		x	2087	Q	x		
C%1535	W		x		2093	Q		x	Stored Staples
1540	W	Mpls.		x	2097	Q		x	
C1541	W	Mpls.		x	C2150	Q3	x		
C1546	W	St. Paul		x	C2153	Q3		x	
C%1551	W		x		C2155	Q3		x	Shop St. Paul
C%1552	W		x		C2156	Q3		x	
C 1554	W		x		C2157	Q3	x		
C1558	W	Mpls.		x	C2162	Q3	x		Shop St. Paul
C%1561	W		x		C2169	Q3	x		

ST. PAUL DIVISION

ST. PAUL DIVISION (Cont)

Engine				Engine			
No.	Class	Pass.	Frt. Work Switch	No.	Class	Pass.	Frt. Work Switch
C2189	Q4	x		#2434	T		x
C2218	Q4	x	Stored St. Paul	#2435	T	Stored	x Staples
C2223	Q4	x		#2450	T1	St. Paul	
CH2252	Q6	x		#2456	T1	St. Paul	x
C2253	Q6	x		#2457	T1		x
C2254	Q6	x		#2461	T1		x
CH2255	Q6	x		C#2465	T1	E. G. Forks	x
CH2257	Q6	x		#2466	T1		x
#2315	T		x	HC2656	A2		x
#2360	T		x	HC2657	A2		x
#2385	T		x				
#2404	T	E. G. Forks	x	HC2658	A2		x
#2407	T		x	HC2659	A2		x
#2413	T		x	HC2670	A4		x
#2416	T		x	HC2671	A4		x
#2422	T	St. Paul	x	HC2672	A4		x
#2430	T		x	HC2673	A4		x
				HC2674	A4		x
				HC2675	A4		x
				HC2676	A4		x
				HC2677	A4		x

Assigned	119
Leased	-
On Division	119
# Superheaters, note also sheet	
"Locomotives with extra	
Equipment"	106
H Feedwater heaters	16
% Stokers	41
* Thermic Syphons	7
Spark Arresters	
C Cyclone	72
Master Mechanic	37
Diesel-electric	10

ST. PAUL DIVISION

NORTHERN PACIFIC RAILWAY COMPANY
 OFFICE OF GENERAL MECHANICAL SUPERINTENDENT
 JANUARY 1, 1944.
 FARGO DIVISION.

DISTRIBUTION OF POWER

Engine					Engine				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C 18	Y1		Jamestown	x	C%1800	W3		x	Hlpr.
C 22	Y1		Jamestown	x	C%1803	W3		x	
C 26	Y1		Jamestown	x	C%1805	W3		x	
# 1134	L9		Fargo	x	C%1806	W3		x	
1165	L10		Fargo	x	C%1807	W3		x	
1166	L10		Fargo	x	C%1813	W3		x	
1169	L10		Fargo	x	C%1822	W3	Storedx		Dilworth
C 1513	W		Jamestown	x	C%1834	W3		x	
C%1519	W			x	C%1916	W2		x	
C%1545	W			x	C%1918	W2		x	
C%1550	W	Stored		x	2103	Q1	Storedx		Mxd. Dilworth
C%1573	W			x	C2116	Q1	Storedx		Jamestown
C 1581	W			x	C2117	Q1		x	Mxd.
C 1583	W	Jamestown		x	C2124	Q1		x	
C%1585	W			x	C2 125	Q1	Storedx		Jamestown
C%1597	W			x	C2128	Q1		x	Mxd.
C%1605	W			x	C2129	Q1	Storedx		Jamestown
C%1649	W			x	2134	Q1	Storedx		Dilworth
C%1651	W	x			C2136	Q1		x	Mxd.
C 1660	W1		Dilworth	x	C2141	Q1	Storedx		Dilworth
C%1661	W1			x	C2143	Q1	Storedx		Mxd. Mandan
C%1664	W1			x	C2145	Q1		x	Mxd.
C 1665	W1		Dilworth	x	C2154	Q3	Storedx		Mxd. Dilworth
C 1666	W1	Brd.		shop	C2177	Q4		x	
C 1668	W1		Dilworth	x	C2182	Q4		x	
C%1669	W1	Jast'n		shop	C2183	Q4		x	Mxd.
C 1681	W1		Dilworth	x	C2191	Q4		x	Mxd.
C%1686	W1			x	C2202	Q4		x	Mxd.
C 1687	W1		Dilworth	x	C2220	Q4		x	Mxd.
C 1688	W1		Jamestown	x	HC%2233	Q5		x	
*C%1715	W3			x	HC%2237	Q5	x		
C%1721	W3			x	HC%2244	Q5	x		
*C%1734	W3			x	2345	T		x	
C%1737	W3			x	C# 2454	T1	Valley City		x
C%1743	W3			x	C# 2455	T1		x	
C%1755	W3			x	C# 2460	T1		x	
C%1769	W3			x	C# 2464	T1	Valley City		x
C%1778	W3			x					
C%1789	W3			x					
*C%1798	W3			x					

FARGO DIVISION

FARGO DIVISION (CONT)

<u>Engine</u>				
<u>No.</u>	<u>Class</u>	<u>Pass.</u>	<u>Frt.</u>	<u>Work Switch</u>
HC%2680	A5		x	
HC%2681	A5		x	
HC%2682	A5		x	
HC%2683	A5		x	
HC%2684	A5		x	
HC%2685	A5		x	
HC%2686	A5		x	
HC%2687	A5		x	
HC%2688	A5		x	
HC%2689	A5		x	

Assigned	87
Leased	-
On Division	87
# Superheaters, note also sheet "Locomotives with Extra Equipment"	86
H Feedwater Heaters	13
* Thermic Syphons	3
% Stokers	46
Spark Arresters	
C Cyclone	80
Master Mechanic	7

FARGO DIVISION

NORTHERN PACIFIC RAILWAY COMPANY
 OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

JANUARY 1, 1944

DISTRIBUTION OF POWER

YELLOWSTONE DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frt.	Work Switch	No.	Class	Pass.	Frt.	Work Switch
C 19	Y1		Billings	x	C%1901	W2			x
	21	Y1	Billings	x	C%1902	W2			x
C 27	Y1		Billings	x	C%1903	W2			x
C 34	Y		Billings	x	C%1904	W2			x
C 39	Y		Billings	x	C%1905	W2			x Tfr
110	DE	(Diesel-Elec)	Leased		C%1906	W2			x
		Foley Bros.	Colstrip Mine		HC%1908	W2	Stored	x	Glendive
113	DE	(Diesel-Elec)	leased		C%1910	W2			x
		Foley Bros.	Colstrip Mine		C%1911	W2	Stored	x	Mandan
116	DE	(Diesel-Elec.)	Mandan	x	C%1912	W2			x
117	DE	Mandan	(Die-Elec.)	x	C%1913	W2			x
*#H%220	M3	Leased	X From DM&IR		CH%1914	W2	Forsyth		x
*#H%221	M3	Leased	X From DM&IR		CH%1915	W2			x
1031	L7		Glendive	x	C%1917	W2			x
#1061	L9		Billings	x	CH%1919	W2			x
C1175	G2		Laurel	x	C2152	Q3	Stored	x	Glendive
C1185	G2		Laurel	x	C2180	Q4	. x stored		Laurel
1186	G2		Laurel	x	CH%2229	Q5	x		
C1187	G2		Laurel	x	CH%2230	Q5	x		
C1188	G2		Laurel	x	CH%2231	Q5	x		
1190	G2		Laurel	x	CH%2234	Q5	x		
1191	G2		Laurel	x	CH%2236	Q5	x		
1192	G2		Liv. Shop	x	CH%2242	Q5	x		
1193	G2		Laurel	x	CH%2243	Q5	x		
C1517	W		Laurel	x	2458	T1	Stat. Plant	Laurel	x
C1530	W		Laurel	x	C2500	W4	Mandan		x
C1544	W		Laurel	x	C2501	W4	Glendive		x
C%1580	W				C2502	W4	Glendive		x
*C%1700	W3				C2503	W4	Glendive	Stored	x
C%1709	W3	Stored	x Livn.		C2504	W4	Mandan		x
C%1710	W3				C2505	W4	Mandan		x
CH%1716	W3				CH%2650	A2			x
C%1717	W3				CH%2651	A2			x
C%1718	W3				CH%2652	A2			x
C%1720	W3				CH%2653	A2	Livn.	x	Shop
C%1730	W3				CH%2654	A2			x
CH%1736	W3				CH%2655	A2			x
C%1739	W3				*CH%5000	Z5		x	Booster
C%1741	W3				*CH%5001	Z5		x	Booster
C%1746	W3				*CH%5002	Z5		x	Booster
*C%1750	W3				*CH%5003	Z5		x	Booster
CH%1753	W3				*CH%5004	Z5		x	Booster
C%1756	W3				*CH%5005	Z5		x	Booster
C%1757	W3				*CH%5006	Z5		x	Booster
C%1773	W3				*CH%5007	Z5	Livn.	x	Booster Shop
C%1779	W3				*CH%5008	Z5		x	Booster
C%1841	W5	Stored	x Booster, Glend.		*CH%5009	Z5		x	Booster
CH%1848	W5		x Booster		*CH%5010	Z5		x	Booster
					*CH%5011	Z5	S tored	x	Booster Glendive

YELLOWSTONE DIVISION

YELLOWSTONE DIVISION (CON'T)

Assigned	95
Leased	2
On Division	93
#Superheaters, note also sheet "Locomotives with Extra Equipment"	89
H Feedwater Heaters	35
Boosters	14
% Stokers	63
* Thermic Syphons	16
Spark Arresters	
C Cyclone	80
Master Mechanic	11
Diesel-Electric	4

YELLOWSTONE DIVISION

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

JANUARY 1, 1914.

DISTRIBUTION OF POWER

ROCKY MOUNTAIN DIVISION

Engine						Engine					
No.	Class	Pass.	Frt.	Work	Switch	No.	Class	Pass.	Frt.	Work	Switch
	20	Y1	Butte		x	CH%1816	W3				x
	23	Y1	Helena		x	C%1828	W3		x	Hlpr.	
C	24	Y1	Missoula		x	*C%1838	W5		x	Hlpr. Booster	
C	25	Y1	Butte		x	*C%1839	W5		x	Hlpr. Booster	
C	28	Y1	Missoula		x	C%1840	W5		x	Hlpr. Booster	
	29	Y1	Butte		x	C%1842	W5		x	Hlpr. Booster	
	31	Y	Helena		x	C%1843	W5		x	Hlpr. Booster	
C	32	Y	Missoula		x	CH%1845	W5	Shop	Brd.		
	33	Y	Butte		x					x	Hlpr. Booster
	35	Y	Helena		x	CH%1846	W5			x	Hlpr. Booster
C	36	Y	Wallace		x	CH%1849	W5			x	Hlpr. Booster
C	41	Y	Missoula		x	C%1855	W5			x	Hlpr. Booster
	42	Y	Helena Shop		x	*C%1856	W5			x	Hlpr. Booster
	1057	L9	Stored at Livn.		x	C2122	Q1	Leased	Dupont Co.		
	1093	L9	Bozeman		x	C2131	Q1			x	
Cl	1189	G2	Livingston		x	C2132	Q1		x	Stored	Livingston
	1204	Y3	Missoula		x	C2163	Q3		x		
	1210	Y3	Missoula		x	C2164	Q3		x		
Cl	1356	S4	Wtg.	x	Livn. Shop	C2201	Q4		x		
	Cl379	S4			x	C2212	Q4	x	Shop	Butte	
	Cl382	S4			x	C2213	Q4	x	Hlpr.		
	Cl387	S4			x	C2215	Q4		x		
	Cl389	S4			x	C2222	Q4		x		
C%	1518	W		x	Hlpr.	CH%2228	Q5		x		
	Cl527	W	Livingston		x	CH%2232	Q5		x		
C%	1536	W	x	Hlpr.		CH%2235	Q5		x		
C%	1539	W		x	Hlpr.	CH%2238	Q5		x		
C%	1562	W		x	Hlpr.	CH%2239	Q5		x		
	Cl565	W			x	CH%2240	Q5		x		
C%	1594	W	x	Hlpr.		CH%2241	Q5		x		
C%	1595	W	x	Hlpr.		CH%2245	Q5		x		
C%	1614	W	x	Hlpr. Shop	Liv. R. H.	CH%2246	Q6		x		
C%	1624	W	x	Hlpr.		CH%2256	Q6		x		
	Cl634	W	Livingston		x	CH%2605	A	x	Booster		
	Cl638	W	x	Hlpr.		CH%2606	A	x	Booster		
C%	1725	W3		x	Hlpr.	CH%2607	A	x	Booster		
C%	1729	W3	Livn.	x	Hlpr. Shop	CH%2608	A	x	Booster		
*C%	1760	W3		x		CH%2609	A	x	Booster		
C%	1761	W3		x	Hlpr.	CH%2611	A	x	Booster		
C%	1767	W3	x			CH%2662	A3		x		
CH%	1781	W3		x	Hlpr.	CH%2663	A3		x		
C%	1808	W3		x		CH%2664	A3		x		
C%	1809	W3		x		CH%2665	A3		x		
C%	1814	W3		x		CH%2666	A3		x		
*C%	1815	W3		x	Hlpr.	C%4000	Z2			x	Hlpr.
						C%4001	Z2			x	Hlpr.
						C%4002	Z2			x	Hlpr.
						C%4003	Z2			x	Hlpr.
						C%4004	Z2			x	Hlpr.

ROCKY MOUNTAIN DIVISION (CONT).

<u>Engine</u>					<u>Eng.</u>				
<u>No.</u>	<u>Class</u>	<u>Pass.</u>	<u>Frt.</u>	<u>Work Switch</u>	<u>No.</u>	<u>Class</u>	<u>Pass.</u>	<u>Frt.</u>	<u>Work Switch</u>
C%4017	Z3		x	Hlpr.	HC%5121	Z7			x
%4019	Z3		x	Hlpr.	HC%5122	Z7			x
C%4020	Z3		x	Hlpr.	HC%5123	Z7			x
C%4021	Z3		x	Hlpr.	HC%5124	Z7			x
C%4022	Z3		x	Hlpr.	HC%5125	Z7			x
C%4025	Z3		x		HC%5126	Z7			x
C%4500	Z4		x	Hlpr. Booster	HC%5130	Z8			x
C%4501	Z4		x	Hlpr. Booster	HC%5131	Z8			x
C%4502	Z4		x	Hlpr. Booster	HC%5132	Z8			x
C%4503	Z4		x	Hlpr. Booster	HC%5133	Z8			x
*HC%5100	Z6		x		HC%5134	Z8			x
*HC%5101	Z6		x		HC%5135	Z8			x
*HC%5102	Z6		x						
*HC%5103	Z6		x						
*HC%5104	Z6		x						
*HC%5105	Z6		x						
*HC%5106	Z6		x						

Assigned	122
Leased	1
on Division.	121
# Superheaters, note also sheet	
"Locomotives with Extra	
Equipment"	120
H Feedwater Heater	45
% Stokers	85
* Thermic Syphons.	12
Boosters	20
Spark Arresters	
C Cyclone	110
Master Mechanic	12

ROCKY MOUNTAIN DIVISION

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

JANUARY 1, 1944.

DISTRIBUTION OF POWER

IDAHO DIVISION

Engine					Engine				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
109	DE	Yardley	(Diesel-Elec.)	x	C%1506	W		x	
111	DE	Pkwater	(Diesel-Elec.)	x	C%1516	W		x	
129	DE	Yardley	(Diesel-Elec.)	x	C1521	W			x
1126	L9	Leased	Camas Prairie		C1522	W		x	
1127	L9	Yardley		x	C1523	W		x	Hlpr.
C1171	G1	Pasco		x	C%1533	W		x	
C1174	G2	Pasco		x	C1567	W	Leased	Camas Prairie	
C1176	G2	Yardley		x	C%1575	W		x	
C1180	G2	Pasco		x	C1591	W		x	
1201	Y3	Yardley		x	C%1592	W		x	
1202	Y3	Pasco		x	C1613	W	Leased	Camas Prairie	
1203	Y3	Pasco		x	C%1616	W		x	
1206	Y3	Yardley		x	1618	W	OB Leased	Camas Prairie	
1250	Y2	Yardley		x	C%1623	W		x	
1252	Y2	Yardley		x	1630	W	OB Leased	Camas Prairie	
1254	Y2	Yardley		x	C%1639	W		x	
1264	Y2	Pasco		x	C1653	W			x
1266	Y2	Yardley		x	C%1662	W		x	
1267	Y2	Pasco		x	C%1663	W1		x	
1269	Y2	Pasco		x	C%1667	W1			x
1275	Y2	Parkwater		x	C%1684	W1		x	
1276	Y2	Pasco		x	CH%1722	W3		x	
C1351	S4		x		C%1738	W3		x	
C1352	S4	Leased	Camas Prairie		C%1748	W3		x	
C1353	S4		x		C%1751	W3	Leased	S.P. & S. Ry.	
C1354	S4		x		C%1754	W3	Leased	Sou. Pac. Ry.	
C1355	S4		x		*C%1759	W3		x	
C1358	S4		x		C%1762	W3	Leased	S.P. & S. Ry.	
C1359	S4		x		*C%1763	W3		x	
C1360	S4		x		*CH%1782	W3		x	
C1362	S4			x	C%1810	W3		x	
C1365	S4	Livn.	x Shop		*C%1811	W3		x	
C1366	S4		x		C%1812	W3	Leased	Sou. Pac. Ry.	
C1367	S4		x		*C%1818	W3		x	
C1371	S4		x		CH%1820	W3		x	
C1372	S4		x		CH%1831	W3		x	
C1374	S4	Leased	Camas Prairie		CH%1835	W5		x	Booster
C1375	S4		x		C%1836	W5		x	Booster
C1376	S4		x		C%1837	W5		x	Booster
C1377	S4	Leased	Camas Prairie		CH%1850	W5	Stored	x	Parkwtr. Booster
C1378	S4		x		*CH%1851	W5	Hlpr.	x	Booster
C1380	S4	Leased	Camas Prairie		CH%1852	W5	Hlpr.	x	Booster
C1383	S4		x		C%1853	W5		x	Booster
C1386	S4		x		CH%1854	W5	Hlpr.	x	Booster
C1388	S4		x		*C%1857	W5		x	Booster
					*C%1858	W5	WTG.	x	Booster Brd Shop
					*C%1859	W5	Hlpr.	x	Booster

IDAHO DIVISION

IDAHO DIVISION (CONT)

Engine					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C2084	Q		x		*CH%5107	Z6		x	
C2119	Q1	x			*CH%5108	Z6		x	
C2130	Q1	x			*CH%5109	Z6		x	
C2142	Q1	x			*CH%5110	Z6	Liv.	x	Shop
C2158	Q3	x			*CH%5111	Z6		x	
C2159	Q3	x			*CH%5112	Z6		x	
C2160	Q3	x			*CH%5113	Z6		x	
C2170	Q3	x			*CH%5114	Z6		x	
C2188	Q4	x			*CH%5115	Z6		x	
C%2192	Q4	x			*CH%5116	Z6		x	
C%2193	Q4	x			*CH%5117	Z6		x	
C2195	Q4	x			*CH%5118	Z6		x	
C2203	Q4	x	Livn.	Shop	*CH%5119	Z6		x	
C2204	Q4	x			*CH% 5120	Z6		x	
C2206	Q4	x			HC% 5136	Z8		x	
C2207	Q4	x			HC% 5137	Z8		x	
C2208	Q4	x			HC% 5138	Z8		x	
C2210	Q4	x			HC% 5139	Z8		x	
C2217	Q4	x			HC% 5140	Z8		x	
HC%2626	A1	x	Timken	Booster	HC% 5141	Z8		x	
HC%2660	A3	x							
HC%2661	A3	x							
HC%2667	A3	x							

Assigned	135
Leased	13
On Division.	122
# Superheaters, note also sheet "Locomotives with extra Equipment"	130
* Thermic Syphons	23
H Feedwater Heaters.	32
% Stokers	64
OB Oil Burners	2
Boosters	12
Spark Arresters	
C Cyclone	115
Master Mechanic.	15
Diesel-Electric.	3

NORTHERN PACIFIC RAILWAY COMPANY
OFFICE OF GENERAL MECHANICAL SUPERINTENDENT

JANUARY 1, 1944.
TACOMA DIVISION

DISTRIBUTION OF POWER

Engine					Engine				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C30	Y	Tacoma	Stored	x	1101	L9	Seattle		x
43	Y	Tacoma		x	1103	L9	Seattle		x
50	F1	Centralia		x	1104	L9	Tacoma		x
53	F1	Aberdeen		x	1106	L9	Tacoma		x
56	F1	Tacoma		x	1108	L9	Seattle	OB	x
57	F1	Hoquiam		x	#1109	L9	Everett		x
68	F1		x		#1110	L9	Stored So.	Tacoma	x
70	F1	Chehalis		x	1111	L9	Wtg. So.	Tac. Shop	x
76	F1	Wtg. So.	Tacoma Shop	x	#1116	L9	Olympia		x
78	F1	So. Bend		x	1118	L9	Everett	Stored	x
112	DE	Auburn	(Diesel-Elec.)	x	#1122	L9	Leased King St.	Terminal	x
118	DE	Seattle	(Diesel-Elec.)	x	#1123	L9	Wtg. So.	Tac. Shop	x
125	DE	Seattle	(Diesel-Elec.)	x	#1125	L9	Seattle		x
126	DE	Tacoma	(Diesel-Elec.)	x	1128	L9	Tacoma		x
127	DE	Tacoma	(Diesel-Elec.)	x	1129	L9	Seattle		x
128	DE	Seattle	(Diesel-Elec.)	x	#1130	L9	Aberdeen		x
130	DE	Seattle	(Diesel-Elec.)	x	1131	L9	Tacoma	OB	x
150	DE	Tacoma	(Diesel-Elec.)	x	#1132	L9	Seattle		x
151	DE	Seattle	(Diesel-Elec.)	x	1200	Y3	Auburn		x
916	L6	Leased Simpson Log. Co.			1205	Y3	Yakima		x
917	L6	Leased Simpson Log. Co.			1207	Y3	Auburn		x
1027	L7	So. Tacoma		x	1208	Y3	Auburn		x
1033	L7	Hoquiam		x	1211	Y3	Auburn		x
1041	L9	Wtg. So.	Tacoma Shop	x	1253	Y2		x Tfr.	
#1045	L9	Seattle		x	1256	Y2	Yakima		x
1048	L9	Leased King St.	Terminal		1258	Y2	Yakima		x
1049	L9	Tacoma		x	1259	Y2		x	
1050	L9	Seattle		x	1262	Y2	Auburn	Stored	x
#1052	L9	Seattle		x	1263	Y2	Auburn		x
#1053	L9	Seattle	OB	x	1265	Y2	Auburn		x
#1054	L9	Tacoma	OB	x	1268	Y2	Auburn		x
1064	L9	Tacoma		x	1270	Y2	Yakima		x
1070	L9	Seattle		x	1271	Y2	Auburn		x
#1072	L9	Centralia		x	1272	Y2	So. Tac.	Shop	x
1074	L9	Wtg. So.	Tac. Shop	OB	1274	Y2		x Tfr.	
1075	L9	Olympia		x	1278	Y2	Yakima		x
1076	L9	Centralia		x	1279	Y2	Yakima		x
1079	L9	Seattle		x	B1350	S4		x Tfr.	
1080	L9	So. Tac.	Shop	x	C1357	S4		X	
1081	L9	Centralia		x	B1361	S4			x
#1082	L9	Seattle	OB	x	C1363	S4		x	
1083	L9	Aberdeen		x	B1364	S4	Stored	x	Auburn
#1086	L9	Seattle		x	B1368	S4		x	Tfr.
1089	L9	Tacoma		x	B1369	S4		x	Tfr.
1091	L9	Tacoma	OB	x	B1370	S4		x	
1092	L9	Tacoma		x	C1373	S4		x	
1095	L9	Stored	Seattle	x	C1381	S4		x	
1096	L9	Olympia		x	C1384	S4		x	
#1097	L9	Everett		x	C1385	S4		x	
1098	L9	Seattle	OB	x					
1099	L9	Tacoma		x					

TACOMA DIVISION

TACOMA DIVISION (CONT)

-----						-----					
Engine						Engine					
No.	Class	Pass.	Frnt.	Work	Switch	No.	Class	Pass.	Frnt.	Work	Switch
1501	W		x			*C%1705	W3		x		
C1507	W		x			C%1706	W3		x	Helper	
C1508	W	Yakima			x	C%1708	W3	Leased		Sou.Pac.	Ry.
C1510	W		x			*C%1713	W3		x		
C1520	W	Ft. Lewis			x	1728	W3	OB	x		
C1525	W		x			C%1732	W3		x		
1529	W	OB	x			CH%1745	W3		x		
C%1533	W		x			CH%1752	W3		x		
1548	W	OB	x			CH%1766	W3		x		
C%1549	W		x			1772	W3	OB	Shop	x	So.Tac.
C%1553	W		x			CH%1775	W3		x	Helper	
C1566	W		x			C%1776	W3	Leased		Sou.Pac.	Ry.
C1569	W		x	Hlpr.		H1777	W3	OB	x		
C1587	W		x	Mixed		C%1780	W3		x	Helper	
C1589	W		x			C%1783	W3	Leased		Sou.Pac.	Ry.
C1603	W		x			*C%1784	W3		x		
1612	W			x		1785	W3	OB	x		
C%1619W			x			CH%1791	W3		x		
C1621	W		x	Helper		CH%1797	W3		x		
C1625	W		x			C%1799	W3	Leased		Sou.Pac.	Ry.
C1633	W		x	Helper		H1801	W3	OB	x		
C1641	W		x			C%1802	W3		x		
1648W	OB		x			*C%1804	W3		x	Helper	
C%1655	W		x			CH%1821	W3		x	Helper	
C%1670	W1		x			CH%1823	W3		x		
C%1671	W1		x			CH%1824	W3		x		
C1672	W1		x			C%1826	W3		x		
1674	W1	So.Tac.	x	Shop		CH%1829	W3		x		
C%1675	W1		x			CH%1830	W3		x		
C%1677	W1		x			C2110	Q1	x			
C%1678	W1		x			C2111	Q1	x			
C%1679	W1		x			2140	Q1	Wtg.	So.Tac.	x	Shop
C%1682	W1		x	Tfr.		C2161	Q3	x			
C%1683	W1		x			C 2184	Q4	x			
C%1685	W1		x	Hlpr.		C2185	Q4	x			
C%1689	W1		x			2187	Q4	x	OB		
C1690	W1		x			C2194	Q4	x	Stored	Auburn	
C%1691	W1		x			C2198	Q4	x	Stored	Auburn	
C%1695	W1	WTG,	x	So.Tac.	Shop	C2209	Q4	x			
1694	W1		x			C2211	Q4	x			
C1696	W1		x			C2216	Q4	x			
C1697	W1		x			HC%2247	Q6	x			
C%1699	W1		x			HC%2248	Q6	x			
						C%2249	Q6	x			

TACOMA DIVISION

TACOMA DIVISION (Cont)

Engine					Engine				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
C%2250	Q6	x	Livn.	Shop	%4005	Z3			
HC%2251	Q6	x			%4006	Z3		x	Hlpr.
C%2258	Q6	x			%4007	Z3		x	Hlpr.
C%2259	Q6	x			%4008	Z3		x	Hlpr.
C%2260	Q6	x			%4009	Z3		x	Hlpr.
CH%2261	Q6	x			%4010	Z3		x	
2262	Q6	x	OB		%4011	Z3		x	
2263	Q6	x	OB		%4012	Z3		x	
CH%2264	Q6	x			%4013	Z3		x	
%2265	Q6	x			%4014	Z3		x	
2425	T		Stationary Plant	x	%4015	Z3		x	
			Centralia		%4016	Z3	So. Tac.	x	Shop
2451	T1		Staty. Plt. Seattle	x	%4018	Z3		x	
2453	T1		Staty. Plt. Tacoma	x	%4023	Z3		x	
H2600	A	x	OB Booster		%4024	Z3	Shop	x	Hlpr., So. Tac.
HC%2601	A	x	Booster Livn. Shop						
H2602	A	x	OB Booster						
H2603	A	x	OB Booster						
*HC%2604	A	x	Booster						
H2610	A	x	OB Booster						
#3131	01		Leased x Hlpr. From						
			G. N. Ry.						

ASSIGNED	222
Leased	8
On Division	214
# Superheaters, note also sheet	
"Locomotives with Extra Equipment" .	168
H Feedwater Heaters	24
% Stokers	70
* Thermic Syphons	5
Boosters	6
OB Oil Burners	23
Spark Arresters	
C Cyclone	89
B Baffle Plate	6
Master Mechanic	95
Diesel-Electric	9