

7-27-39

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 ASSISTANT TO VICE PRESIDENT  
(MECHANICAL)

DISTRIBUTION OF POWER

JUNE 1, 1939

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

Rocky Mountain Division Locomotives Nos. 1525 and 1587 were transferred to the Tacoma Division.

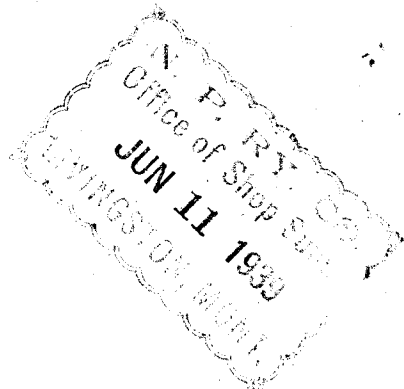
Tacoma Division Locomotives Nos. 1529 and 1648, Oil Burners, were transferred to the Rocky Mountain Division for use on the Park Branch.

Total number locomotives assigned 914.

1772 converted to OB - 7-1-39  
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E.L.Grimm,

Asst. to Vice President.



NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT  
CLASSIFICATION OF SERVICE SHOWING ACTUAL LOCATION

DISTRIBUTION OF POWER

JUNE 1, 1939.

Service		L.S.	St. Paul	Fargo	Y.S.	R.M.	Idaho	Tacoma	Total	
<u>PASSENGER</u>	A	23	26	14	9	45	23	34	174	
	S	3	4	-	2	4	-	3	16	
	W	1	-	-	-	-	1	-	2	
	/	8	-	1	-	2	4	3	18	
	A	20	32	14	10	49	22	33	180	
	S	1	6	-	1	1	2	4	15	
	W	3	1	-	-	1	-	-	5	
	/	5	-	1	1	1	3	-	11	
	<u>FREIGHT</u>	A	37	79	63	59	65	92	92	487
		S	5	5	4	9	5	3	6	37
		W	5	7	3	2	3	3	10	38
		/	1	10	2	5	2	16	5	41
A		34	81	65	64	66	97	95	502	
S		1	3	4	5	2	10	3	28	
W		4	7	3	6	3	6	6	35	
/		2	9	3	6	6	18	8	52	
<u>WORK</u>		A	-	-	1	-	-	-	1	2
		S	-	-	-	-	-	-	-	-
		W	-	-	-	-	-	-	-	-
		/	-	-	-	-	-	-	-	-
	A	-	-	1	-	-	-	1	2	
	S	-	-	-	-	-	-	-	-	
	W	-	-	-	-	-	-	-	-	
	/	-	-	-	-	-	-	-	-	
	<u>SWITCH</u>	A	44	43	20	25	19	20	64	235
		S	1	-	3	2	1	1	5	13
		W	3	4	-	-	-	1	2	10
		/	1	1	-	2	1	1	3	9
A		44	41	18	25	20	21	64	233	
S		3	1	-	1	2	1	1	9	
W		4	3	-	-	-	-	6	13	
/		1	5	-	2	-	2	2	12	
<u>LEASED</u>		1939	6	-	-	-	-	7	3	16
		1938	11	-	-	-	-	6	4	21
		TOTAL								
<u>TOTAL</u>		A	110	148	98	93	129	142	194	914
	S	9	9	7	13	10	4	14	67	
	W	9	11	3	2	3	5	12	50	
	/	10	11	3	7	5	21	11	68	
	A	109	154	93	99	135	146	197	938	
	S	5	10	4	7	5	13	8	52	
	W	11	11	3	6	4	6	13	54	
	/	8	14	4	9	7	23	10	75	

"A" Assigned  
 "S" At Shop  
 "W" Waiting to go to Shop  
 "/" Stored not serviceable or waiting disposition.

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT  
DISTRIBUTION OF POWER BY CLASSES - JUNE 1939

Class	L.S.	St. Paul	Fargo	Y.S.	Rky. Mtn.	Idaho	Tacoma	Total
A						8	4	12
A1							1	1
A2			6			4		10
A3		7	1					8
B	4	1						5
D2	1							1
D3		1						1
F1		2					9	11
G1		4						4
G2	2	9		7	2			20
L6	2			1		1	(2)2	(2)6
L7	6	1						7
L9	15	10	2	3	2	(1)4	(1)38	(2)74
L10		7	3					10
OE							1	1
P				1			1	4
P1	2			1			1	5
P2				1		(1)	1	(1)2
Q		9				2		11
Q1	3		1		8		3	29
Q3	7	9		2			1	23
Q4	2	3	7	2	8	12	8	40
Q5	2		5	5	8			20
Q6		6			1		13	20
S4					5	(2)21	12	(2)33
S10	2							2
T	(4)9	16	4	5	2	9	2	(4)47
T1	5	3	4					17
W	(2)15	23	12	4	18	(2)23	23	(4)123
W1		1	11			(1)4	20	(1)36
W2			3	14				17
W3	21	23	23	24	14	12	13	130
W4				6				6
W5					9	16		25
X		3						3
Y				4	7		3	14
Y1			4	3	6			13
Y2						9	14	23
Y3	4				1	5	4	14
Z1					2			2
Z2					5			5
Z3					4		17	21
Z4					4			4
Z5				12				12
Z6					13	8		21
Leased (6)						(7)	(3)	(16)
On								
Division	104	148	98	93	129	135	191	898
Total								
1939	110	148	98	93	129	142	194	914
Total								
1938	109	154	98	99	135	146	197	938

Note: Locomotives leased are shown in parentheses.

NORTHERN PACIFIC RAILWAY COMPANY

OFFICE OF ASSISTANT TO VICE PRESIDENT

<u>Division</u>	<u>SUMMARY</u>			<u>Engines Stored in Serviceable Condition</u>	<u>Engines Stored not in Serviceable Condition</u>
	<u>Total Assigned</u>	<u>Total on Division</u>	<u>Leased</u>		
Lake Superior	110	104	6	6	10
St. Paul	148	148	-	8	11
Fargo	98	98	-	3	3
Yellowstone	93	93	-	1	7
Rky. Mtn.	129	129	-	13	5
Idaho	142	135	7	8	21
Tacoma	194	191	3	-	11
<u>Total</u>	<u>914</u>	<u>898</u>	<u>16</u>	<u>39</u>	<u>68</u>

Total on Active List 914.

NORTHERN PACIFIC RAILWAY COMPANY

OFFICE OF ASSISTANT TO VICE PRESIDENT

LOCOMOTIVES WITH EXTRA OR SPECIAL EQUIPMENT

JUNE 1st 1939

	<u>L.S.</u>	<u>St.P.</u>	<u>Fgo.</u>	<u>Y.S.</u>	<u>R.M.</u>	<u>Ida.</u>	<u>Tac.</u>	<u>Total</u>
Superheaters	87	132	94	86	124	127	146	796
Feedwater Heaters	13	12	12	28	42	19	12	133
Stokers	23	36	51	58	77	49	42	336
Boosters	-	-	-	12	17	16	5	50
Thermic Siphons	2	5	4	16	21	17	1	66
Oil Burners	-	-	-	-	2	2	18	22
Spark Arresters Master Mech.	71	70	9	26	26	22	95	319
Spark Arresters Cyclone	39	78	89	67	101	113	74	566
Spark Arresters Baffle Plate	-	-	-	-	-	-	6	6

NOTE: All Locomotives in the following classes are equipped with superheaters:

A	W
A1	W1
A2	W2
A3	W3
G1	W4
G2	W5
L10	X
P1	Y
P2	Y1
Q	Y2
Q1	Y3
Q3	Z2
Q4	Z3
Q5	Z4
Q6	Z5
S4	Z6

NORTHERN PACIFIC RAILWAY COMPANY

OFFICE OF ASSISTANT TO VICE PRESIDENT

LOCOMOTIVES LEASED

<u>Eng.No.</u>	<u>Class</u>	<u>Division</u>	<u>Leased</u>	<u>To</u>
1557	W	Lake Superior	1- 1939	Minn. & Int. Ry.
1609	W	Lake Superior	1- 1939	Minn. & Int. Ry.
2424	T	Lake Superior	4- 1939	Minn. & Int. Ry.
2446	T	Lake Superior	8- 1937	Minn. & Int. Ry.
2386	T	Lake Superior	3- 1939	Minn. & Int. Ry.
2344	T	Lake Superior	2- 1939	Minn. & Int. Ry.
244	P2	Idaho	5- 1936	Camas Prairie RR
1630	W	Idaho	11-5-36	Camas Prairie RR
1618	W	Idaho	7-23-37	Camas Prairie RR
1127	L9	Idaho	6- 9-38	Camas Prairie RR
1352	S4	Idaho	4-17-37	Camas Prairie RR
1380	S4	Idaho	3- 1-37	Camas Prairie RR
1676	W1	Idaho	8-15-36	Camas Prairie RR
1132	L9	Tacoma	2-10-36	King St. Terminal
916	L6	Tacoma	3- 7-35	McCleary Tbr.Co.
901	L6	Tacoma	2-15-38	McCleary Tbr.Co.

TOTAL NUMBER LEASED 16

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

ASSIGNMENT OF GAS-ELECTRIC MOTOR CARS

JUNE 1, 1939

<u>Number</u>	<u>Trains</u>	<u>Between</u>
B-3	31-32	Brainard-Little Falls
B-5	501-502	Centralia-Gate
B-8	333-334	Yakima-Gibbon
B-9	Extra Yakima	
B-10	Extra Centralia	
B-11	M&I Ry	Bonidji-Kelliher
B-12	323-324	Lewiston-Stites
B-13	51-52	Duluth-Ashland
B-14	315-316	Spokane-Coulee
B-15	161-162	Mandan-Mott
B-16	157-158	Jamestown-Leeds
B-17	121-122	Manitoba Jet-Fargo
B-18	591-594	Centralia-So. Bend
B-19	443-444	Seattle-Bellingham
B-20	111-112	Staples-Oakes
B-21	163-164	Mandan-Kildeer
B-22	111-112	Staples-Oakes
B-23	29-30	Little Falls-Morris
B-24	55-56	Duluth-Staples
B-26	In Como Shops	
M&I M-1	147-148	Jamestown-Wilton

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

LAKE SUPERIOR DIVISION

Eng.						Eng.					
No.	Class	Pass.	Frt.	Work	Switch	No.	Class	Pass.	Frt.	Work	Switch
C 229	P1	x	/Duluth			1577	W		St. Paul	x	Shop
230	P2	x	/Duluth			1584	W				
C#250	P	x	/Duluth			1588	W			x	
#253	P	x	/Brainerd			1601	W		/Duluth	x	
321	S10	x	Mxd.			1605	W			x	
328	S10			x	Mxd.	1609	W		Leased	M&I	Ry
558	D2			x	Mxd.	C1632	W			x	
650	E	x	/Duluth			1642	W		Duluth		x
653	B	x	/St. Paul			1643	W		Wtg.	x	Brd. Shop
659	B	x	/St. Paul			1647	W			x	
666	B	x				1657	W			x	
902	L6		Brainerd			x	1659	W	Duluth		x
906	L6		Stored Staples			x	CH#1702	W3	Wtg. Brd.	x	Shop
1027	L7		Brainerd			x	*CH#1703	W3		x	
1029	L7		Brainerd			x	C#1707	W3	Wtg. Brd.	x	Shop
1030	L7		Brainerd			x	CH#1722	W3		x	
1031	L7		Duluth			x	CH#1723	W3		x	
1033	L7		Stored Duluth			x	C#1726	W3		x	
1034	L7		Stored Duluth			x	C#1740	W3	Wtg.	x	Brd. Shop
#1040	L9		Duluth			x	CH#1749	W3		x	
#1042	L9		Duluth			x	C#1758	W3		x	
#1043	L9		Duluth			x	*C#1760	W3	Duluth	x	Shop
#1045	E9		Duluth			x	C#1764	W3		x	
#1051	L9		Duluth			x	CH#1771	W3		x	
#1052	L9		Duluth			x	C#1773	W3		x	
#1055	L9		Duluth Wtg. Shop			x	CH#1774	W3		x	Brd. Shop
1060	L9		Duluth			x	CH#1786	W3		x	Brd. Shop
#1062	L9		Duluth			x	CH#1790	W3		x	
#1063	L9		Duluth			x	CH#1796	W3		x	
#1071	L9		Duluth			x	C#1819	W3	Duluth		x
#1112	L9		Duluth Shop			x	C#1827	W3		x	
#1114	L9		Duluth			x	CH#1832	W3		x	
#1115	L9		Duluth			x	C#1833	W3		x	
#1120	L9		Duluth			x	2103	Q1	x		
1182	G2		Duluth			x	2134	Q1	x	Brd. Shop	
1183	G2		Duluth			x	2146	Q1	x	/Brainerd	
1205	Y3		Duluth Wtg. Brd. Shop			x	C2148	Q3	x		
1209	Y3		Duluth Shop			x	2149	Q3	x		
1212	Y3		Duluth Wtg. Brd. Shop			x	2151	Q3	x	St. Paul	Shop
1213	Y3		Duluth			x	2165	Q3	x	Duluth	Shop
1555	W		x				C2166	Q3	x		
1556	W		x				C2167	Q3	x		
C1557	W		Leased M&I Ry				C2168	Q3	x		
1560	W		x				C2200	Q4	x	Wtg. Brd.	Shop
C1570	W		Wtg. x Duluth Shop				C2205	Q4	x		
							CH#2226	Q5	x		
							CH#2227	Q5	x		



LAKE SUPERIOR DIVISION ( Cont., )

Eng. No.	Class	Pass.	Frnt.	Work	Switch
C# 2305	T		x		
2318	T	✓ Duluth		x	
# 2321	T	Duluth		x	
2334	T	Stored Duluth		x	
# 2344	T	Leased M&I Ry			
2381	T	Duluth		x	
C# 2386	T	Leased M&I Ry			
2401	T	Duluth		x	
2412	T	Duluth		x	
C# 2419	T		x Brd. Shop		
C# 2424	T	Leased M&I Ry			
2444	T	Stored Duluth		x	
C# 2446	T	Leased M&I Ry			
2451	T1	Duluth		x	
# 2452	T1	Duluth		x	
# 2462	T1	Duluth		x	
# 2463	T1	Duluth Stored		x	
# 2467	T1	Duluth Wtg. Brd. Shop		x	

Assigned.....110  
 Leased.....6  
 On Division.....104  
 # Superheaters, note also sheet  
 "Locomotives with Extra  
 Equipment".....87  
 % Stokers.....23  
 H Feedwater Heaters.....13  
 ✓ Stored not serviceable or  
 Waiting Disposition.....10  
 \* Thermic Syphons.....2  
 Spark Arresters:  
 C Cyclone.....39  
 Master Mechanic.....71

MINNESOTA & INTERNATIONAL RY.

Eng. No.	Class	Pass.	Freight	Work	Switch
# C200	F	x Mxd.	✓ Brainerd		
# 501	T		x		
# 600	Q1	x Mxd.			

Assigned.....3  
 # Superheaters.....3  
 C Cyclone.....1

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

SAINT PAUL DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frts.	Work Switch	No.	Class	Pass.	Frts.	Work Switch
	13	X		Staples		1535	W		x
	15	X	x	Staples		1540	W		x
	16	X	x	Staples		Cl541	W		x Tfr.
	54	F1	x	St. Paul		1546	W	St. Paul	Stored
	75	F1	x	St. Paul		Cl551	W		x
	451	D3		x		<del>XXXXXXX</del>			x
	654	B	x	Brainerd Shop		Cl552	W		x
	1035	L7		Little Falls	x	1554	W		x
	1044	L9		St. Paul	x	Cl558	W		x
#	1058	L9		St. Paul Stored	x	Cl561	W		x
#	1065	L9		x		1568	W	Stored	x Staples
#	1067	L9		Stillwater	x	1572	W		x
#	1068	L9		Minneapolis	x	1574	W	St. Paul	x Tfr. Stored
#	1088	L9		St. Paul	x	1576	W		x Tfr.
	1116	L9		St. Paul Wtg. Brd. Shop	x	1578	W		x
#	1119	L9		Wtg. St. Paul Shop	x	Cl579	W	Wtg. Brd.	x Tfr. Shop
	1121	L9		St. Paul	x	Cl608	W		x Tfr.
	1135	L9		Minneapolis Wtg. Brd. Shop	x	Cl627	W	Wtg.	x St. Paul Shop
	1160	L10		Stored Northtown	x	Cl631	W	Staples	x
	1161	L10		Minneapolis	x	1640	W		x Tfr.
	1162	L10		x		1646	W	Staples	x
	1163	L10		Minneapolis	x	1658	W	Staples	x
	1164	L10		Stored St. Paul	x	1673	W1		x St. Paul Shop
	1167	L10		Minneapolis	x	CH#1701	W3	Wtg.	x Brd. Shop
	1168	L10		Minneapolis	x	*C#1711	W3		x
C	1170	G1		St. Paul	x	C#1712	W3		x
C	1171	G1		Minneapolis	x	C#1714	W3		x
C	1172	G1		Minneapolis	x	C#1718	W3		x
C	1173	G2		Minneapolis	x	C#1719	W3	Shop	x St. Paul
C	1174	G2		Minneapolis	x	C#1731	W3		x
C	1175	G2		St. Paul	x	*C#1733	W3		x Brd. Shop
C	1176	G2		Minneapolis	x	C#1735	W3		x
C	1177	G2		Minneapolis	x	C#1739	W3		x
C	1178	G2		Minneapolis	x	C#1742	W3		x
C	1179	G2		Minneapolis	x	C#1767	W3		x
C	1180	G2		St. Paul	x	*C#1768	W3		x
C	1181	G2		Staples	x	C#1770	W3		x
C	1184	G2		Staples Wtg. Brd. Shop	x	C#1787	W3		x
C	1503	W		Staples	x	C#1788	W3		x
C	1504	W		St. Paul	x	CH#1791	W3		x
	1514	W		x Tfr.		C#1792	W3		x
C	1515	W		x Tfr.		*HC#1793	W3	Wtg.	x Brd. Shop
C	1517	W		x Tfr.		*C#1794	W3		x
	1524	W		x Tfr.		C#1795	W3		x
	1532	W		Northtn. x Tfr.		CH#1797	W3		x
						C#1799	W3		x
						C2080	Q		x
						2081	Q	x	St. Paul Shop
						2082	Q		x
						C2083	Q		x
						C2085	Q		x
						2087	Q	x	

NORTHERN PACIFIC RAILWAY  
SAINT PAUL DIVISION (Cont.,)

Eng.						Eng.					
No.	Class	Pass.	Frt.	Work	Switch	No.	Class	Pass.	Frt.	Work	Switch
C 2089	Q	Wtg.	x	St. Paul	Shop	#2430	T				x
2093	Q					#2434	T				x
2097	Q	Wtg.	x	St. Paul	Shop	#2435	T				x
C 2150	Q3	x				#2450	T1	St. Paul			x
C 2153	Q3	x				2453	T1	St. Paul			x
C 2155	Q3	x				#2456	T1	St. Paul			x
C 2156	Q3	x				#2457	T1	Minneapolis			x
C 2157	Q3	x				2458	T1	Stored	x	Northtown	
C 2162	Q3	x				#2461	T1	Stored		Northtown	x
C 2163	Q3	x				C#2465	T1				x
C 2164	Q3	x				#2466	T1	Minneapolis			x
C 2169	Q3	x				HC#2660	A3	x			
C 2189	Q4	x				HC#2661	A3	x			
C 2218	Q4	Shop	x	St. Paul		HC#2663	A3	x			
C 2223	Q4		x			HC#2664	A3	x			
HC#2252	Q6	x				HC#2665	A3	x			
C#2253	Q6	x				HC#2666	A3	x			
C#2254	Q6	x				HC#2667	A3	x			
C#2255	Q6	x		Brd. Shop							
C#2256	Q6	x		Brd. Shop							
C#2257	Q6	x									
2313	T		x	Northtown							
# 2315	T		x								
2335	T			Northtown	x						
2348	T		x	Brainerd							
# 2360	T	Shop	x	St. Paul							
2364	T		x	Staples							
# 2385	T		x								
# 2404	T		x								
2406	T	Brd.	x	Wtg. Dispn.							
# 2407	T		x								
# 2413	T		x								
# 2416	T	Wtg.	x	St. Paul Shop							
# 2422	T		x								

Assigned.....148  
 Leased.....  
 On Division.....148  
 # Superheaters, note also sheet  
 "Locomotives with Extra  
 Equipment".....132  
 H Feedwater Heaters..... 12  
 % Stokers.....36  
 / Stored not serviceable or  
 Wtg. Disposition.....11  
 \* Thermic Syphons.....5  
 Spark Arresters:  
 C Cyclone.....78  
 Master Mechanic.....8

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

FARGO DIVISION.

Eng.					Eng.				
No.	Class	Pass.	Frt.	Work Switch	No.	Class	Pass.	Frt.	Work Switch
	C17	Y1	Jamestown	x					
	C18	Y1	Jamestown	x	C%1751	W3	Stored	x	Dilworth
	C22	Y1	Jamestown	x	C%1755	W3		x	
	C26	Y1	Jamestown Shop	x	C%1762	W3		x	
	C211	P1	x Jamestown		C%1769	W3		x	
	C243	P2	x		C%1778	W3		x	
#	1122	L9	Fargo	x	C%1789	W3		x	
#	1134	L9	Fargo Dilworth Shop	x	C%1798	W3		x	
	1165	L10	Fargo	x	C%1800	W3		x	Hlpr.
	1166	L10	Fargo	x	C%1803	W3		x	
	1169	L10	Fargo	x	C%1805	W3		x	Brd.Shop
	1169	L10	Fargo	x	C%1806	W3		x	
C	1513	W	Jamestown	x	C%1807	W3		x	
C%	1519	W	x Mxd.		C%1813	W3		x	
C%	1545	W	x Brd.Shop		C%1822	W3		x	Brd.Shop
C%	1550	W	x		C%1834	W3		x	Hlpr.
C%	1573	W	Wtg. x Brd.Shop		C%1916	W2	Wtg.	x	Brd.Shop
C	1581	W	Fargo	x	C%1917	W2		x	
C	1583	W	Jamestown	x	C%1918	W2		x	Hlpr.
C%	1585	W	x Hlpr.		C 2114	Q1		x	Brainerd
C%	1587	W	Wtg. x Brd.Shop		C 2116	Q1		x	Mxd.
C%	1606	W	x		C 2117	Q1		x	Mxd.
C%	1649	W	x		C 2124	Q1		x	Mxd.
C%	1651	W	x Hlpr.		C 2125	Q1		x	Mxd.
C	1660	W1	Dilworth	x	C 2126	Q1		x	Mxd.
C	1661	W1	x		C 2129	Q1		x	Mxd.
C	1664	W1	x		C 2136	Q1		x	Mxd.
C	1665	W1	Dilworth	x	C 2141	Q1		x	Mxd.
C	1666	W1	Dilworth Shop	x	C 2143	Q1		x	Mxd.
C	1668	W1	Dilworth	x	C 2145	Q1		x	Mxd.
C%	1669	W1	x		C 2177	Q4		x	Mxd.
C	1681	W1	x		C 2178	Q4		x	
C%	1686	W1	x		C 2179	Q4		x	Mxd.
C	1687	W1	Dilworth	x	C 2183	Q4		x	Mxd.
C	1688	W1	x		C%2191	Q4		x	
*C%	1705	W3	x		C 2220	Q4		x	Mxd.
C%	1708	W3	x Jamestown Shop		C%2224	Q4		x	Mxd.
*C%	1715	W3	x		CH%2233	Q5	x		
C%	1721	W3	Storedx Jamestown		CH%2236	Q5	x		
*C%	1734	W3	x		CH%2237	Q5	x		
C%	1737	W3	Storedx Dilworth		CH%2242	Q5	x		
C%	1738	W3	x		CH%2244	Q5	x		
C%	1743	W3	x		2312	T		x	
					2316	T		x	Dilworth

FARGO DIVISION (Cont.,

Eng. No.	Class	Pass.	Frnt.	Work	Switch
2345	T			x	
2368	T		x Mxd.		
C <sup>#</sup> 2454	T1		Valley City		x
C <sup>#</sup> 2455	T1		Bismarck		x
C <sup>#</sup> 2460	T1		x		
C <sup>#</sup> 2464	T1		Valley City		x
HC <sup>#</sup> 2654	A2		x		
HC <sup>#</sup> 2655	A2		x		
HC <sup>#</sup> 2656	A2		x		
HC <sup>#</sup> 2657	A2		x		
HC <sup>#</sup> 2658	A2		x		
HC <sup>#</sup> 2659	A2		x		
HC <sup>#</sup> 2662	A3		x		

Assigned.....	98
Leased.....	-
On Division.....	98
# Superheaters, note also sheet	
"Locomotives With Extra	
Equipment".....	94
H Feedwater Heaters.....	12
* Thermic Syphons.....	4
% Stokers.....	51
/ Stored not serviceable or	
Wtg. Disp'n.....	3
Spark Arresters:	
C Cyclone.....	89
B Baffle Plate.....	-
Master Mechanic.....	9

NORTHERN PACIFIC RAILWAY COMPANY-  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

YELLOWSTONE DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
	C19	Y1	Billings	x	CH%1736	W3		x	
	21	Y1	Glendive	x	C% 1741	W3		x	
	C27	Y1	Billings	x	HC%1745	W3		x	
	C30	Y	Mandan	x	C% 1746	W3	Wtg.	x	Livn.Shop
	C34	Y	Mandan	x	*C%1750	W3		x	
	C38	Y	Billings	x	CH%1752	W3	Laurelx		Shop
	C39	Y	Billings	x	CH%1753	W3		x	
	256	P	Laurel x		C% 1756	W3		x	
	911	L6	Glendive	x	C% 1757	W3		x	
#	1061	L9	Billings	x	CH%1766	W3		x	
#	1077	L9	Billings	x	C% 1779	W3		x	
#	1113	L9	Billings	x	C% 1901	W2		x	
C	1185	G2	Laurel	x	C% 1902	W2	Wtg.	x	Livn.Shop
	1186	G2	Laurel	x	C% 1903	W2		x	
C	1187	G2	Laurel	x	C% 1904	W2		x	
	1190	G2	Laurel	x	C% 1905	W2		x	
	1191	G2	Laurel	x	C% 1906	W2	Shop	x	Mandan
	1192	G2	Laurel	x	HC%1908	W2		x	
	1193	G2	Laurel Shop	x	C% 1910	W2		x	
C	1530	W	Laurel x Shop		C% 1911	W2		x	
C	1544	W	x Tfr.		C% 1912	W2		x	
C	1580	W	Stored x Tfr.Billings		C% 1913	W2		x	
C	1644	W	Mandan x Wtg.Dispn.		CH%1914	W2	Shop	x	Glendive
	*C%1700	W3	x		CH%1915	W2		x	
	C% 1706	W3	x		CH%1919	W2	Shop	x	Glendive
	C% 1709	W3	x		C% 2152	Q3	x		
	C% 1710	W3	x		C% 2154	Q3	x		
	*C%1713	W3	x		C% 2180	Q4	x		
	CH%1716	W3	x		C 2182	Q4	x		
	C% 1717	W3	x		CH%2229	Q5	x		
	C% 1720	W3	Shop x Glendive		CH%2230	Q5	x		Livn.Shop
	*CH%1724	W3	x		CH%2231	Q5	.x		
	C% 1725	W3	x		HC%2234	Q5	x		Shop Glendive
	C% 1729	W3	x Livn.Shop		CH%2243	Q5	x		
	C% 1730	W3	x		2328	T		x	Glendive
	C% 1732	W3	x		2383	T	Wtg.	x	Disp.Glendive
					2411	T		x	Glendive
					2425	T		x	Mxd.

YELLOWSTONE DIVISION (Cont.,)

Eng.

No.	Class	Pass.	Frt.	Work	Switch
	2437	T	Mandan		x
C	2500	W4	Mandan		x
C	2501	W4	Mandan		x
C	2502	W4	Glendive		x
C	2503	W4	Glendive Shop		x
C	2504	W4	Mandan		x
C	2505	W4	Mandan		x
*H%	5000	Z5	x	Booster	
*H%	5001	Z5	x	Booster Shop	Glendive
*H%	5002	Z5	x	Booster	
*H%	5003	Z5	x	Booster	
*H%	5004	Z5	x	Booster	
*H%	5005	Z5	x	Booster	
*H%	5006	Z5	x	Booster	
*CH%	5007	Z5	x	Booster	
*CH%	5008	Z5	x	Booster	
*H%	5009	Z5	x	Booster	
*H%	5010	Z5	x	Booster	
*H%	5011	Z5	x	Booster	Livn. Shop

Assigned.....	93
Leased.....	-
On Division.....	93
% Superheaters, note also sheet	
"Locomotives with Extra	
Equipment!".....	86
H Foodwater Heaters.....	28
* Thermic Syphons.....	16
Boosters.....	12
/ Stored not serviceable or	
Wtg. Disposition.....	7
% Stokers.....	58
Spark Arresters:	
C Cyclone.....	67
B Baffle Plate.....	-
Master Mechanic.....	26

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

ROCKY MOUNTAIN DIVISION

DISTRIBUTION OF POWER						ROCKY MOUNTAIN DIVISION					
Eng.	No.	Class	Pass.	Frt.	Work Switch	Eng.	No.	Class	Pass.	Frt.	Work Switch
	20	Y1		Butte	x		C1641	W		x	Hlpr. Wtg.Shop
	23	Y1		Helena	x						Livn.R.H.
	24	Y1		Wallace	x		1648	W	x	OB	
C	25	Y1		Missoula	x		C%1761	W3	x	Hlpr.	
C	28	Y1		Missoula	x		CH%1781	W3			x
	29	Y1		Butte	x		*C%1784	W3	x	Hlpr.	
	31	Y		Helena	x		C%1808	W3	x	Hlpr.	Stored Missoula
C	32	Y		Missoula	x		C%1809	W3			x
	33	Y		Helena	x		C%1810	W3			x
	35	Y		Helena Shop	x		*C%1811	W3			x
C	36	Y		Missoula	x		C%1814	W3			x
C	41	Y		Missoula	x		*C%1815	W3	x	Hlpr.	
	42	Y		Helena	x		CH%1816	W3			x
	1093	L9		Bozoman	x		*C%1817	W3	Wtg.	x	Livn.Shop
#	1109	L9		Bozoman	x		*C%1818	W3	Wtg.	x	Livn.Shop
C	1188	G2		Livingston	x		C%1828	W3	x	Hlpr.	Stored Missoula
C	1189	G2		Livingston	x		CH%1831	W3			x
	1210	Y3		Butte	x		*C%1839	W5	Booster	x	Hlpr. Wtg.Liv.Sh
C	1356	S4					C%1840	W5	Booster	x	Hlpr.
C	1379	S4	x				C%1841	W5	Booster	x	Hlpr.
C	1382	S4					C%1844	W5	Booster	x	Hlpr.
C	1387	S4	x	Shop Missoula			*CH%1844	W5	Booster	x	Stored Missoula
C	1389	S4					CH%1845	W5	Booster	x	Wtg.Livn.Shop
C	1518	W	Wtg.	x	Missoula Shop		CH%1846	W5	Booster	x	Stored Missoula
C	1522	W	x	Stored	Livingston		CH%1847	W5	Booster	x	Hlpr.
C	1527	W	x				CH%1849	W5	Booster	x	
	1529	W	x	OB			*C%1856	W5	Booster	x	
C%1536	W	x	Hlpr.	Missoula Shop			C2119	Q1	x	Stored	Livingston
C	1539	W					C2120	Q1	x	Livn.Wtg.Dispn.	
C%1562	W			x	Helena Shop		C2122	Q1	x	Stored	Butte
C	1565	W			x	Missoula Shop	C2127	Q1	Stored	x	Butte
C%1594	W	x	Hlpr.				C2128	Q1	Stored	x	Livingston
C%1595	W	x	Hlpr.				C2130	Q1	x	Stored	Livingston
C%1614	W	x	Hlpr.				C2131	Q1	x	Stored	Helena
C%1624	W	Wtg.		x	Livn.Shop		C2132	Q1		x	
	1634	W	x				C2201	Q4	Shop	x	Missoula
C	1635	W			x	Livingston	C2202	Q4		x	
	1636	W	x	Livn.Wtg.Dispn.			C2212	Q4	x	Missoula Shop	
C	1638	W	x	Hlpr.			C2213	Q4	x		
							C2215	Q4	x		
							2222	Q4	x	Stored	Helena



ROCKY MOUNTAIN DIVISION (Cont.,)

Eng.	No.	Class	Pass.	Frnt.	Work	Switch	Eng.	No.	Class	Pass.	Frnt.	Work	Switch
	CH%2228	Q5	x					4020	Z3		x		
	CH%2232	Q5	x		Livn.Shop			4021	Z3		x		
	CH%2235	Q5	x					4022	Z3		x	Hlpr.	
	CH%2238	Q5	x					4025	Z3		x		
	CH%2239	Q5	x					4500	Z4		x	Hlpr.	
	CH%2240	Q5	x					4501	Z4		x	Hlpr.	
	CH%2241	Q5	x					4502	Z4		x	Hlpr.	
	CH%2245	Q5	x		Shop Missoula			4503	Z4		x	Hlpr.Livn.Shop	
	CH%2246	Q6	x					*CH%5100	Z6		x		
	2304	T			x Livingston			*CH%5101	Z6		x		
	2432	T			x Missoula			*CH%5102	Z6		x		
	HC%2601	A			x Booster			*CH%5103	Z6		x		
	HC%2602	A			x Booster			*CH%5104	Z6		x		
	HC%2603	A			x Booster			*CH%5105	Z6		x	Livn.Shop	
	HC%2605	A			x Booster			*CH%5106	Z6		x		
	HC%2606	A	x		Booster			*CH%5107	Z6		x		
	HC%2607	A	x		Booster			*CH%5108	Z6		x		
	HC%2610	A	x		Booster			*CH%5109	Z6		x		
	HC%2611	A	x		Booster			*CH%5110	Z6		x		
	HC%2650	A2	x					*CH%5111	Z6		x		
	HC%2651	A2	x					*CH%5112	Z6		x		
	HC%2652	A2	x										
	HC%2653	A2	x										
	3100	Z1		Stored	x Wallace								
	3102	Z1			x								
	4000	Z2			x Hlpr.								
	4001	Z2			x Hlpr.								
	4002	Z2			x Hlpr.								
	4003	Z2		Wtg.	x Hlpr.Livn.Shop								
	4004	Z2			x Hlpr.								

Assigned.....129  
 Leased.....-  
 On Division.....129.  
 % Superheaters, note also sheet  
 "Locomotives with Extra  
 Equipment".....124  
 H Feedwater Heaters.....42  
 % Stokers.....77  
 Boosters.....17  
 OB Oil Burners.....2  
 \* Thermic Syphons.....21  
 / Stored not serviceable or  
 Wtg.Disposition.....5  
 Spark Arresters:  
 C Cyclone.....101  
 Master Mechanic.....26

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT-JUNE 1, 1939.

DISTRIBUTION OF POWER

IDAHO DIVISION

Eng. ----- Eng.

No. Class Pass. Frt. Work Switch      No. Class Pass. Frt. Work Switch

No.	Class	Pass.	Frt.	Work	Switch	No.	Class	Pass.	Frt.	Work	Switch
C 207	P1	x	Pasco								
C 244	P2		Leased C.P.RR			C1523	W			x	
918	L6		Pasco		x	C%1533	W	Paradise			x
1049	L9		Stored Parkwater		x	C1537	W		x	So.Tacoma	
1069	L9		Yardley		x	C1547	W		x		
1101	L9		Yardley		x	C1563	W		x		
1126	L9		Yardley		x	C1567	W		x		
1127	L9		Leased C.P.RR			C%1575	W		x		
1201	Y3		Yardley Shop Pkw.		x	C1591	W		x		
1202	Y3		Pasco		x	C%1592	W		x		
1203	Y3		Pasco Stored		x	C1596	W		x	Parkwater	
1204	Y3		Yardley		x	C1600	W		x	Pasco	
1206	Y3		Yardley Wtg. So.Tac. Shop		x	C1613	W		x		
						C%1616	W		x		
1250	Y2		Yardley		x	1618	W	OB		Leased C.P.RR	
1252	Y2		Yardley		x	C1622	W	So.Tacx			
1254	Y2		Yardley		x	C1623	W		x		
1264	Y2		Pasco		x	1630	W	OB		Leased C.P.RR	
1266	Y2		Yardley		x	C1637	W		x	Parkwater	
1267	Y2		Pasco		x	C1639	W		x		
1269	Y2		Pasco		x	C1652	W	So.Tacx		Shop	
1275	Y2		Yardley		x	C1653	W		x		
1276	Y2		Pasco		x	C1656	W		x	Parkwater	
C 1351	S4				x	C%1682	W1		x		
C 1352	S4		Leased C.P.RR			C%1663	W1		x		
C 1353	S4				x	C%1667	W1		x		
C 1354	S4				x	C1676	W1			Leased Camas Prairie RR	
C 1355	S4		Storedx Pasco			C%1684	W1		x		
C 1358	S4		Storedx Pasco			C%1748	W3		x		
C 1359	S4				x	C%1754	W3		x		
C 1360	S4				x	*C%1759	W3		x		
C 1362	S4				x	*C%1763	W3		x		
C 1365	S4		Stored x Parkwater			*HC%1782	W3			Wtg. x So.Tac. Shop	
C 1366	S4				x	C%1812	W3		x		
C 1367	S4				x	CH%1820	W3			Wtg. Sox Tac. Shop	
C 1371	S4				x	CH%1824	W3		x		
C 1372	S4				x	*C%1825	W3		x		
C 1374	S4				x	C%1826	W3		x		
C 1375	S4				x	CH%1829	W3		x		
C 1376	S4				x	CH%1830	W3		x	So.Tac. Shop	
C 1377	S4				x	CH%1835	W5		x	Booster	
C 1378	S4				x						
C 1380	S4		Leased C.P.RR								
C 1383	S4				x						
C 1386	S4				x						
C 1388	S4		Shop x Pasco								
C%1506	W				x						
C%1516	W				x						
C 1521	W				x						

IDAHO DIVISION (Cont.,)

Eng.					Eng.				
No.	Class	Pass.	Frt.	Work Switch	No.	Class	Pass.	Frt.	Work Switch
C/1836	W5		x	Booster					
C/1837	W5	Wtg.	x	So.Tac.Shop Boost.					
*C/1838	W5		x	Booster	C/2192	Q4	x	Stored	Parkwater
C/1842	W5		x	Booster	C/2193	Q4	x		
C/1843	W5		x	Booster	C 2195	Q4	x		
CH/1848	W5		x	Booster	C 2203	Q4	x		
CH/1850	W5		x	Booster	C 2204	Q4	x	Stored	Parkwater
*CH/1851	W5		x	Booster	C 2206	Q4	x		
CH/1852	W5		x	Booster	C 2207	Q4	x		
C/1853	W5		x	Booster	C 2208	Q4	x		
CH/1854	W5		x	Booster	C 2210	Q4	x		
C/1855	W5	Shop	x	Booster Plkw.	C 2214	Q4	x		
*C/1857	W5		x	Booster	C/2217	Q4	x	Stored	Parkwater
*C/1858	W5		x	Booster	2311	T		x	/Parkwater
*C/1859	W5		x	Booster	C 2343	T		x	/Parkwater
C 2084		x			C 2375	T		x	/Parkwater
C 2086		x		/So.Tacoma	C 2408	T		x	/Parkwater
C 2101	Q1	x		/So.Tacoma	C 2428	T		x	/Pasco
C 2138	Q1	x		/Parkwater	C 2433	T		x	/Tacoma
C 2139	Q1	x			2440	T		x	/Pasco
C 2142	Q1	x			C 2443	T		x	/Parkwater
C 2158	Q3	x			C 2449	T		x	/Pasco
C 2159	Q3	x			*CH/ 5113	Z6		x	
C 2160	Q3	x		Wtg.Pasco Shop	*CH/5114	Z6		x	
C 2170	Q3	x			*CH/5115	Z6		x	
C 2183	Q4	x			*CH/5116	Z6		x	
					*CH/5117	Z6		x	
					*CH/5118	Z6		x	
					*CH/5119	Z6		x	
					*CH/5120	Z6		x	

Assigned.....142  
 Leased..... 7  
 On Division.....135  
 #Superheaters, note also sheet  
 "Locomotives with Extra  
 Equipment.....127  
 H Feedwater Heaters..... 19  
 \* Thermic Syphons..... 17  
 / Stored not serviceable or  
 Wtg.Disposition..... 21  
 % Stokers..... 49  
 OB Oil Burners..... 2  
 Boosters..... 16  
 Spark Arresters:  
 C Cyclone.....118  
 Master Mechanic..... 22

NORTHERN PACIFIC RAILWAY COMPANY  
OFFICE OF ASSISTANT TO VICE PRESIDENT

JUNE 1, 1939.

DISTRIBUTION OF POWER

TACOMA DIVISION

Eng.					Eng.				
No.	Class	Pass.	Frnt.	Work Switch	No.	Class	Pass.	Frnt.	Work Switch
37	Y	Auburn	Wtg.	So. Tac. Shop	x	1103	L9	Everett	x
40	Y	Auburn			x	1104	L9	Tacoma	x
43	Y	Auburn			x	1106	L9	Tacoma	x
50	F1	Hoquiam			x	1108	L9	OB Seattle	x
53	F1	Olympia			x	1110	L9	Seattle	x
56	F1	Chehalis			x	1111	L9	Hoquiam	x
57	F1	Wtg.	x Tac.	Shop		1118	L9	Seattle	x
68	F1		x		#1123	L9	Seattle		x
70	F1	So. Pend		x	#1125	L9	Everett		x
76	F1	Shop Tacoma		x	1128	L9	Tacoma		x
78	F1	Olympia		x	1129	L9	Seattle		x
81	F1	So. Tacoma		Shop	x	#1130	L9	Seattle	x
100	OE	Seattle (Diesel-Elec)		x	1131	L9	OB Tacoma		x
227	P1	x Centralia		Staty. Plant	1132	L9	Leased King St.		Station
249	P2	x Tacoma		Staty. Plant	1200	Y3	Auburn		x
C# 252	P	x			1207	Y3	Auburn		x
901	L6	Leased McCleary		Tbr. Co.	1208	Y3	Auburn		x
912	L6	Tacoma		x	1211	Y3	Auburn		x
916	L6	Leased McCleary		Tbr. Co.	1253	Y2		x	
917	L6	So. Tacoma		x	1256	Y2	Yakima		x
1041	L9	Aberdeen		x	1258	Y2	Yakima		x
1048	L9	Seattle		x	1259	Y2		x	
1050	L9	Seattle		x	1262	Y2	Auburn		x
# 1053	L9	O B Seattle		x	1263	Y2	Yakima		x
# 1054	L9	OB Tacoma		x	1265	Y2	Auburn	So. Tac. Shop	x
1064	L9	Seattle		Shop	1268	Y2	Yakima		x
1070	L9	Everett		x	1270	Y2	Yakima		x
1072	L9	So. Tac. Shop		x	1271	Y2	Centralia		x
1074	L9	Seattle		OB	1272	Y2	So. Tac. Shop		x
1075	L9	Aberdeen		x	1274	Y2	Stored	x Everett	
1076	L9	Centralia		x	1278	Y2	Auburn	x Shop	
1079	L9	Centralia		x	1279	Y2		x	
1080	L9	Seattle		x	B1350	S4		x	
1081	L9	Tacoma		x	C1357	S4		x	
# 1082	L9	OB Seattle		x	B1361	S4		x	
1083	L9	Hoquiam		x	C1363	S4		x	
1086	L9	Seattle	Wtg. So.		B1364	S4		x	
			Tac. Shop	x	B1368	S4		x	
1089	L9	So. Tacoma		x	B1369	S4	Wtg. So.	x Tac. Shop	
1091	L9	OB Tacoma		x	B1370	S4		x	
1092	L9	Tacoma		x	C1373	S4		x	
1095	L9	Seattle		x	C1381	S4		x	
1096	L9	Tacoma		x	C1384	S4		x	
# 1097	L9	Seattle		x	C1385	S4		x	
1098	L9	O B Seattle		x					
1099	L9	Tacoma		x					

TACOMA DIVISION

TACOMA DIVISION (Cont.,)

Eng.	N.	Class	Pass.	Frnt.	Work	Switch	Eng.	N.	Class	Pass.	Frnt.	Work	Switch
	1501	W		X									
C	1507	W		x			H1801	W3	OB		x		
C	1508	W		x	Hlpr.		C%1802	W3			x	Hlpr.	
C	1510	W	So.	x	Tac. Shop		*C%1804	W3			x	Hlpr.	
C	1520	W		x			CH%1821	W3			x	Hlpr.	
C	1525	W		x			CH%1823	W3			x	Hlpr.	
C	1538	W		x			C2110	Q1	x				
	1548	W	OB	x			C2111	Q1	x		/Tacoma		
	1549	W		x			2140	Q1	x		/So. Tacoma		
C	1553	W			x		C2161	Q3	x				
C	1564	W	OB	x	/So. Tacoma		C2184	Q4	x				
C	1566	W		x			C2185	Q4	x				
C	1569	W	Wtg.	x	Tac. Shop		2187	Q4	x	OB			
C	1587	W		x			C2194	Q4	x				
C	1589	W	Wtg.	x	So. Tac. Shop		CE198	Q4	x				
C	1603	W	Wtg.	x	Tacoma Shop		C2209	Q4	x				
	1612	W		x			C2211	Q4	x				
	1617	W		x	/Auburn		C2216	Q4	x				
C	1619	W		x			HC%2247	Q6	x				
C	1621	W		x			C%2248	Q6	x	Shop	So. Tacoma		
C	1625	W		x	Hlpr.		C%2249	Q6	x				
C	1633	W	Wtg.	x	So. Tac. Shop		C%2250	Q6	x				
C	1655	W		x			C%2251	Q6	x				
	1670	W1		x			C%2258	Q6	x				
C	1671	W1		x			C%2259	Q6	x	Shop	So. Tacoma		
C	1672	W1		x			C%2260	Q6	x				
	1674	W1	Wtg.	x	So. Tac. Shop		2261	Q6	x	OB			
C	1675	W1		x			2262	Q6	x	O B			
C	1677	W1		x	/Tacoma		2263	Q6	x	OB	Shop	Seattle	
C	1678	W1		x			CH%2264	Q6	x				
C	1679	W1		x			2265	Q6	x	OB			
C	1682	W1	/So.	x	Hlpr. Tac. Shop		2346	T	x	/Centralia			
	1683	W1		x			2398	T			x	/Tacoma	
C	1685	W1	Wtg.	x	So. Tac. Shop		HC%2600	A	x	Booster			
C	1689	W1		x			HC%2604	A	x	Booster			
C	1690	W1		x	Tac. Shop		HC%2608	A	x	Booster			
C	1691	W1		x			HC%2609	A	x	Booster			
C	1692	W1		x	Mxd.		HC%2626	A1	x	Timken	Booster		
C	1693	W1	Wtg.	x	So. Tac. Shop		74005	Z3			x		
	1694	W1		x			74006	Z3			x		
C	1696	W1		x			74007	Z3			x	Hlpr.	
C	1697	W1		x			74008	Z3			x	Hlpr.	
C	1699	W1	Wtg.	x	Hlpr. Tac. Shop		74009	Z3			x		
	1728	W3	OB	x			74010	Z3			x		
C	1772	W3	Shop	x	So. Tac. OB		74011	Z3			x	Hlpr.	
CH%	1775	W3		x			74012	Z3	So. Tac	x	Shop		
C	1776	W3		x			74013	Z3			x		
CH%	1777	W3		x			74014	Z3			x		
C	1780	W3		x	Hlpr.		74015	Z3	Auburn	x	Shop		
C	1783	W3		x			74016	Z3	Wtg.	x	So. Tac. Shop		
	1785	W3	OB	x									

TACOMA DIVISION (Cont.,)

Eng.	No.	Class	Pass.	Frt.	Work	Switch
	4017	Z3		X		
	4018	Z3		x	Hlpr.	
	4019	Z3		x		
	4023	Z3		x		
	4024	Z3		x	Hlpr.	

Assigned.....194  
 Leased.....3  
 On Division.....191  
 # Superheaters, note also  
 sheet "Locomotives with  
 Extra Equipment".....146  
 H Feedwater Heaters.....12  
 % Stokers.....42  
 \* Thermic Syphons.....1  
 Boosters.....5  
 OB Oil Burners.....18  
 / Stored not serviceable or  
 Wtg.Disposition.....11  
 Spark Arresters:  
 C Cyclone.....74  
 B Baffle Plate.....6  
 Master Mechanic.....95