

OREGON-WASHINGTON RAILROAD & NAVIGATION Co.

(SECOND DISTRICT)

EMPLOYEES' TIME TABLE

To Take Effect Wednesday, June 21, 1911

At 12:01 A. M. "Pacific Time"

For the Government and Information of Employees only, and not intended for the use of the public.
The Company reserves the right to vary from this Time Table at pleasure.

J. D. FARRELL,
Vice-President and General Manager

D. W. CAMPBELL,
Assistant General Manager

CONDENSED TIME TABLE

PORTLAND AND SEATTLE WESTWARD					Distance from Seattle	TIME TABLE No. 7 June 21, 1911	Distance from Portland	PORTLAND AND SEATTLE EASTWARD									
Second Class								First Class					Second Class				
								691	363	369	311	361	362	370	312	364	692
					Time Freight	Owl	Oregon-Washington Express	Shasta Limited	Local	Local	Oregon-Washington Express	Shasta Limited	Owl	Time Freight			
					Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily			
					PM 6.45	L PM 11.15	L AM 11.45	L AM 11.30	L AM 7.30	0.0	SEATTLE	180.1	PM 3.30	A PM 8.45	A PM 9.00	A AM 6.15	A AM 6.50
					7.05	11.40	PM 12.10	11.55	7.57	9.3	BLACK RIVER	170.8	3.05	8.18	8.35	5.50	6.25
					8.58	AM 12.30	1.01	PM 12.40	8.38	35.7	TIDEWATER JCT.	144.5	2.10	7.20	7.50	5.00	5.05
					9.30	12.45	1.15	12.50	8.55	38.3	TACOMA	141.8	2.00	7.10	7.40	4.45	4.50
					AM 1.05	2.30	3.00	2.15	10.30	87.2	CENTRALIA	92.9	12.13	5.20	6.00	3.00	12.30
					1.25	2.40	3.10	2.25	10.40	91.4	CHEHALIS	88.7	12.03 PM	5.08	5.52	2.45 AM	12.05 AM
					8.30	6.00	6.05	4.54	PM 1.52	171.0	VANCOUVER	9.1	9.08	2.25	3.36	11.36	8.30
					8.44	6.10	6.15	5.00	2.00	172.9	NORTH PORTLAND JCT.	7.2	9.00	2.15	3.30	11.30	8.15
						6.40	6.40	5.25	2.25	179.4	EAST PORTLAND	0.7	8.35	1.50	3.05	11.05	
					AM 9.15	A AM 6.45	A PM 6.45	A PM 5.30	A PM 2.30	180.1	PORTLAND	0.0	AM 8.30	L PM 1.45	L PM 3.00	L PM 11.00	L PM 7.30
					Daily	Daily	Daily	Daily	Daily			Daily	Daily	Daily	Daily	Daily	
					14.15	7.30	7.00	6.0	7.00		Time over District		7.0	7.00	6.0	7.15	11.20

SPECIAL INSTRUCTIONS

- No. 1. Special Instructions supersede "Rules and Regulations of the Transportation Department."
- No. 2. A white flag displayed will indicate cars or L. C. L. freight to be moved. Trains doing local work will be governed accordingly.
- No. 3. All trains (except passenger) consisting of more than 15 cars will cut off engine to take water or to spot way cars.
- No. 4. A buffer car (not to be occupied by passengers) must be used on all passenger trains between locomotive and coaches.
- No. 5. Movements within Centralia Main Line Yard Limits will be subject to Rules and Regulations of Northern Pacific Railway Co.
- No. 6. Slow boards and caution signals will be erected one fourth of a mile from the point which they are intended to cover.
- No. 7. Trainmen must be particular to see that air is cut in on all cars picked up by them and must provide themselves with a supply of Defective Air Brake Cards, Form 4365, and Air Brake Cut-out Cards, Form 4366, and apply to such cars as are found to have defective brakes.
- No. 8. Main Line Switches at Black River will be left set for C. & P. S. tracks.
- No. 9. Black River is initial station for all eastbound trains. Argo is initial station for C. M. & P. S. eastbound First-class trains. First-class trains will register by Registering Ticket (Form 2642) at Black River and Argo. O.-W. R. R. & N. westbound First-class trains will procure check of register form 2529 from operator at Argo.
- No. 10. First class trains will stop on flag for passengers at the following points on Gray's Harbor branch: McNelly, M. P. 6-2, "Meadows," M. P. 7, Fuller's, M. P. 35, Oakville Bridge, M. P. 18.
- No. 11. Trains must not exceed a speed of ten miles per hour between Argo and Corgiat St.
- No. 12. Switch at Helsing Jct. will be left set and locked for line to Centralia.
- No. 13. Helsing Jct. will be Initial Station for Train No. 11.

YARD RULES

No. 14. All trains, yard engines, light engines, etc., must proceed under control within defined yard limits at Seattle, Argo, Black River, Centralia, Helsing Jct., Cosmopolis and South Aberdeen. In other yards, which refers to stations shown on time table schedule, the station "S" whistling posts will be considered the yard limits. Extra trains must approach such stations expecting to find main track occupied without flag protection. Trains occupying main track at such stations must protect against regular trains and will also be governed in regard to meeting and right of track orders.

Seattle-Argo Yard Limits extend from passenger station, Seattle, to one-quarter mile west of west switch of passing track at Georgetown.

LIST OF SURGEONS

NAME	LOCATION	DISTRICT	NAME	LOCATION	DISTRICT
DR. K. A. J. MACKENZIE, Chief Surgeon.	PORTLAND, Corbett Bldg. {Home 1267 Pac. M 267	O.-W. R. & N. Co., Second District.	DR. IRVIN W. WEICHBROD, District Surgeon.	WINLOCK, Wash.	Centralia-Castle Rock.
" MONTGOMERY RUSSELL, Division Surgeon.	SEATTLE, 620 Leary Bldg. }Main 90	O.-W. R. & N. Co., Second District.	" T. C. CAMPBELL, District Surgeon.	CASTLE ROCK, Wash.	Winlock-Kelso.
" F. R. UNDERWOOD, Assistant Surgeon.	SEATTLE, 620 Leary Bldg. }	O.-W. R. & N. Co., Second District.	" C. W. BALES, District Surgeon.	KELSO, Wash.	Castle Rock-Kalama.
" E. B. BURWELL, Oculist and Aurist.	SEATTLE, 304 Cobb Bldg. Main 521	O.-W. R. & N. Co., Second District.	" LUTHER M. SIMMS, District Surgeon.	KALAMA, Wash.	Kelso-Vancouver.
" WM. P. O'ROURKE, Assistant Surgeon.	SEATTLE, (Georgetown).	O.-W. R. & N. Co., Second District.	" J. T. GUERIN, District Surgeon.	VANCOUVER, Wash.	Kalama-Albina.
" F. D. MERRITT, District Surgeon.	AUBURN, Wash.	Argo.	" CURTIS C. HOLCOMB, District Surgeon	ALBINA, Oregon.	Vancouver-Portland.
" CHAS. JAMES, District Surgeon.	TACOMA, 514 Calif. Bldg.	Seattle-Tacoma.	" GEO. AINSLIE, Consulting Oculist and Aurist.	PORTLAND, Ore., Oregonian Bldg.	O.-W. R. & N. Co., Second District.
" CHAS. E. ROBSON, District Surgeon.	TENINO, Wash.	Auburn-Tenino.	" FRANK M. TAYLOR, Assistant Surgeon.	PORTLAND, Ore. {Corbett} Tel. Home 1267	O.-W. R. & N. Co., Second District.
" DAVID LIVINGSTONE, District Surgeon.	CENTRALIA, Wash.	Tacoma-Centralia.	" D. H. JESSUP, Assistant Surgeon.	PORTLAND, Ore. { Bldg. } Pac. M 267	O.-W. R. & N. Co., Second District.
		Tenino-Winlock.	" HANNIBAL BLAIR, District Surgeon.	ELMA, Wash.	So. Elma-Cosmopolis.
		Centralia-So. Elma.	" EDMUND A. SIZER, District Surgeon.	COSMOPOLIS, Wash.	Cosmopolis, Wash.
		Centralia-Tono.	" I. R. WATKINS, District Surgeon.	ABERDEEN, Wash.	Aberdeen, Wash.

STANDARD CLOCKS

SEATTLE, - - - - -	TELEGRAPH OFFICE
CENTRALIA - - - - -	DISPATCHER'S OFFICE
COSMOPOLIS - - - - -	TELEGRAPH OFFICE

LICENSED WATCH INSPECTORS

WEBB C. BALL, General Time Inspector, - - - - -	SEATTLE
HOUGHTON & HUNTER, Local Watch Inspectors - - - - -	SEATTLE.
ANDREWS JEWELRY CO. " " " - - - - -	TACOMA.
BEN SALIK, " " " - - - - -	CENTRALIA.
BELDING BROTHERS, " " " - - - - -	PORTLAND.

J. D. MATHESON, Assistant General Manager, Seattle, Wash.

M. B. BAYER, Superintendent, - - - - -	Tacoma, Wash.	JAS. COSTELLO, Trainmaster, - - - - -	Centralia, Wash.
		D. A. SAUNDERS, Train Dispatcher, - - - - -	" "
		P. G. FLAHERTY, " " - - - - -	" "

RATING OF LOCOMOTIVES IN TONS OF 2000 POUNDS

SEATTLE AND PORTLAND

CLASSIFICATION	Engine Numbers	Eastbound								Westbound					
		Portland to Kalama	Kalama to Olequa	Olequa to Winlock	Winlock to Napavine	Centralia to Rainier	Rainier to So. Tacoma	Tacoma to Seattle	Seattle to Tacoma Jct.	Tacoma Jct. to Tacoma	Tacoma to So. Tacoma	So. Tacoma to Rainier	Centralia to Napavine	Napavine to Portland	
T-63 $\frac{20}{24}$ 113.....	136- 146.....	1580	1200	990	720	790	1120	1280	1280	655	315	900	655	1580	
	170- 207.....	1900	1440	1190	870	960	1310	1540	1540	800	370	1080	800	1900	
T-69 $\frac{22}{28}$ 159.....	250- 305..	2200	1680	1380	1000	1110	1560	1790	1790	900	440	1250	900	2200	
C-57 $\frac{15\frac{1}{2} \times 26}{30}$ 176.....	330- 349.....	2335	1790	1475	1075	1190	1680	1900	1900	985	500	1335	985	2335	
C-57 $\frac{22}{30}$ 187.....	350- 400.....	2940	2250	1860	1360	1490	2120	2380	2380	1220	560	1680	1220	2940	
Mik-57 $\frac{23\frac{3}{4}}{30}$ 208.....	500- 540.....	3100	2340	1930	1400	1550	2200	2490	2490	1250	580	1700	1250	3100	
T-63 $\frac{20}{28}$ 147.....	C. R. Y. y P. 504-526.....	2050	1550	1300	940	1035	1500	1710	1710	840	400	1150	840	2050	
T-57 $\frac{20}{26}$ 132.....	720-727.....														
M-63 $\frac{15\frac{1}{2} \times 26}{28}$ 144.....	1740-1798.....	1800	1320	1130	840	910	1280	1460	1460	750	350	1020	750	1800	
S-55 $\frac{19}{26}$ 130.....	552.....										380				

Ratings for time freight trains, Albina to Tacoma, is 10% less than tabulated rating as shown between Winlock and Napavine and between Centralia and Tacoma.

GRAYS HARBOR BRANCH

CLASSIFICATION	Engine Numbers	West	East
		Centralia to S.Aberdeen	S.Aberdeen to Centralia
E-63 $\frac{16}{24}$ 49.....	55.....	825	650
E-64 $\frac{18}{26}$ 68.....	80-87.....	1220	965
T-55 $\frac{18}{24}$ 71.....	112-119.....	1220	965
T-63 $\frac{20}{24}$ 113.....	136-146.....	1620	1260
T-57 $\frac{20}{26}$ 132.....	720-727.....	2100	1625
M-63 $\frac{20}{28}$ 147.....	C. R. Y. y P...504-526.....		
M-63 $\frac{15\frac{1}{2} \times 26}{28}$ 144.....	1740-1798.....	1830	1420

TONO BRANCH

CLASSIFICATION	Engine Numbers	East	West
		Centralia to Tono	Tono to Centralia
E-64 $\frac{18}{26}$ 68.....	80-87.....	1034	Maximum
T-55 $\frac{18}{24}$ 71.....	112-119.....	1034	Maximum

These ratings include total weight of train, exclusive of engine and tender, which the different classes of locomotives will haul in each direction between the stations shown.

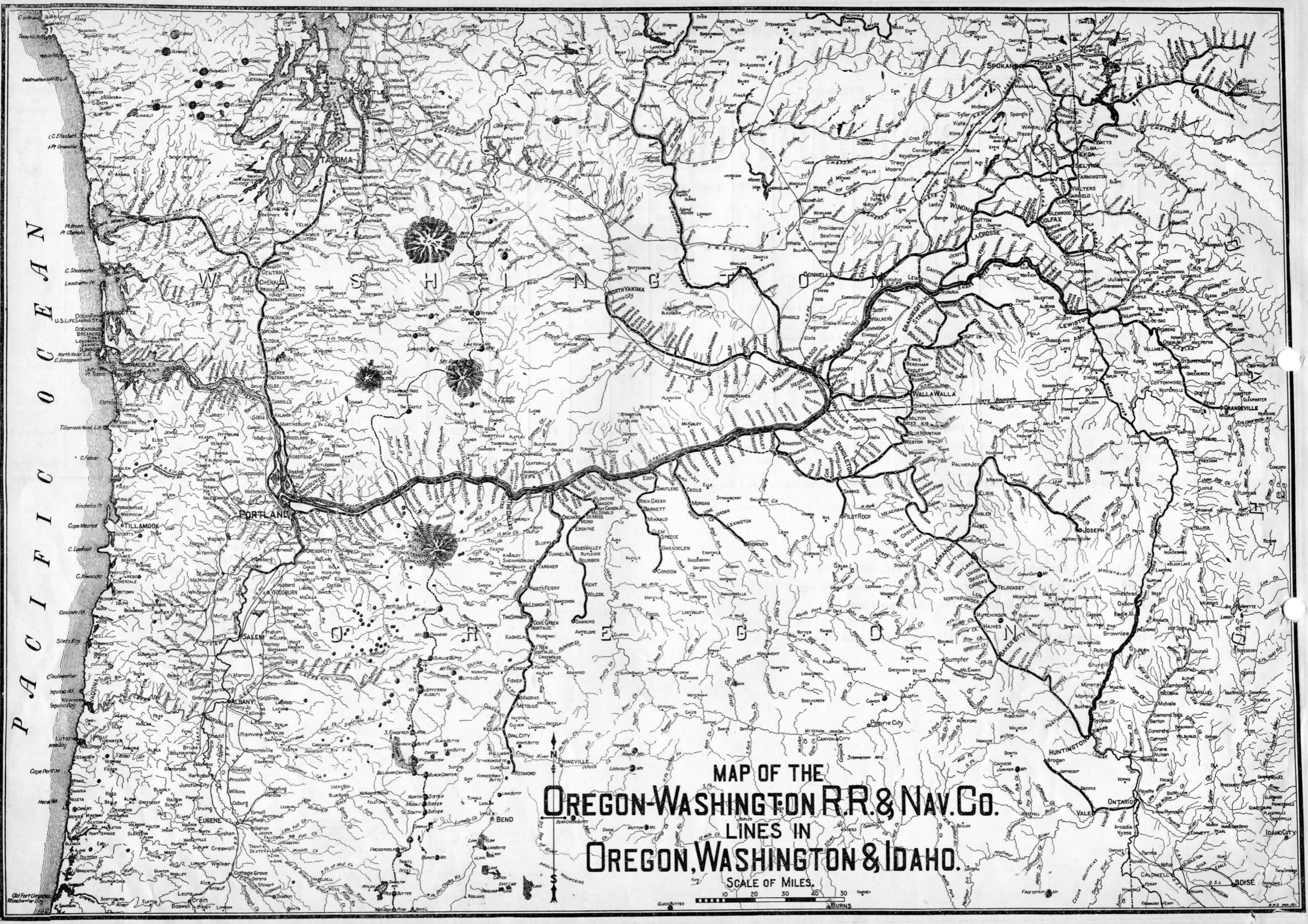
Between stations for which no rating is shown, maximum will apply.

CLASS

- "E," Eight Wheelers
- "A," Atlantic Type
- "P," Pacific Type
- "T," Ten Wheeler
- "M," Moguls
- "Mik," Mikado
- "C," Consolidation Engines
- "TW," Twelve Wheelers; S, Switch.

Example.—Consolidation engine having 57 inch drivers, cylinders 22-inch diameter and 30-inch stroke, and weighing 187,000 pounds on drivers:

$$C-57 \frac{22}{30} 187$$



PACIFIC

MAP OF THE OREGON-WASHINGTON R.R. & NAV. CO. LINES IN OREGON, WASHINGTON & IDAHO.

SCALE OF MILES.

