

# OREGON-WASHINGTON RAILROAD & NAVIGATION Co.

(SECOND DISTRICT)

## EMPLOYEES' TIME TABLE

**To Take Effect Sunday, May 14, 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. 5 May 14, 1911	Distance from Portland	PORTLAND AND SEATTLE EASTWARD											
Second Class								First Class				Second Class							
								691	363	311	361	362	312	364	692				
					Time Freight	Owl	Shasta Limited	Local	Local	Shasta Limited	Owl	Time Freight							
					Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily							
					PM 7.00 L	PM 11.15 L	AM 11.30 L	AM 7.30 L	0.0	SEATTLE	180.1	PM 3.30 A	PM 9.00 A	AM 6.15 A	AM 6.55 A				
					7.35	11.40	11.55	8.00	9.3	BLACK RIVER	170.8	3.05	8.35	5.50	6.25				
					8.55	AM 12.30	PM 12.40	8.35	35.7	TACOMA JCT.	144.5	2.12	7.52	5.02	5.10				
					9.30	12.45	12.50	8.55	38.3	TACOMA	141.8	2.00	7.40	4.45	4.50				
					AM 1.05	2.30	2.15	10.30	87.2	CENTRALIA	92.9	12.13	6.00	3.00	12.30				
					1.25	2.40	2.25	10.40	91.4	CHEHALIS	88.7	PM 12.03	5.52	AM 2.45	12.05 AM				
					8.30	6.00	4.54	PM 1.52	171.0	VANCOUVER	9.1	9.08	3.36	11.36	8.30				
					8.44	6.10	5.00	2.00	172.9	NORTH PORTLAND JCT.	7.2	9.00	3.30	11.30	8.15				
						6.40	5.25	2.25	179.4	EAST PORTLAND	0.7	8.35	3.05	11.05					
					AM 9.15 A	AM 6.45 A	PM 5.30 A	PM 2.30 A	180.1	PORTLAND	0.0	AM 8.30 L	PM 3.00 L	PM 11.00 L	PM 7.30 L				
					Daily	Daily	Daily	Daily				Daily	Daily	Daily	Daily				
					14.15	7.30	6.0	7.00		Time over District		7.0	6.0	7.15	11.25				

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D. W. CAMPBELL  
Assistant General Manager

OREGON WASHINGTON & COAST  
NORFOLK & PACIFIC

J. H. FARRELL  
General Manager

SEATTLE DIVISION—Seattle and Black River.

TONO BRANCH—Centralia and Tono. 3

WESTWARD					Distance from Seattle	TIME TABLE No. 5 May 14, 1911	Station Numbers	EASTWARD				WESTWARD			Distance from Centralia	TIME TABLE No. 5 May 14, 1911	Station Numbers	EASTWARD					
Second Class		First Class						First Class		Second Class		Second Class	First Class	First Class				Second Class					
Length of passing tracks in Cars	691 Fast Freight Daily	363 O.-W. R. & N. Owl Daily	311 Shasta Limited Daily	361 O.-W. R. & N. Local Daily				364 O.-W. R. & N. Owl Daily	362 O.-W. R. & N. Local Daily	312 Shasta Limited Daily	692 Fast Freight Daily	Length of passing tracks in Cars	53 Freight Daily Ex. Sun.						54 Freight Daily Ex. Sun.				
O		PM 11.15	LAM 11.30	LAM 7.30	0.0	DR	SEATTLE 3.3	180	AM 6.15	AM 3.30	AM 9.00		20	WOPF	PM 2.00	L	7.8	R	TONO 6.1	B8	PM 1.35		
150	WFY	PM 6.45		11.26	11.41	7.41	3.3	DNR	ARGO 0.5	177	6.00	3.17	8.47	6.55	40	W	2.25		1.7	WABASH 1.7	B2	1.10	
75		6.50		f 11.28	11.43	f 7.43	3.8		GEORGETOWN 5.7	176	f 5.58	f 3.15	8.45	6.40			2.35		0.0	CENTRALIA		1.00	
35	Y	PM 7.05		f 11.40	11.55	f 8.00	9.5	DNR	BLACK RIVER	171	f 5.50	f 3.05	8.35	6.25			Daily Ex. Sun.						
		Daily		Daily	Daily	Daily					Daily	Daily	Daily	Daily			.35						
		20		25	25	25			Time over District		25	25	25	31									.35

East-bound trains are superior to trains of the same class in the opposite direction. See Rule 72. This Time Table conveys no rights to trains between Argo and Seattle, between these points trains will run over the Columbia & Puget Sound Tracks and be governed by the Columbia & Puget Sound Railroad Company's Time Table and Rules.

East-bound trains are superior to trains of the same class in the opposite direction. See Rule 72. This Time Table conveys no rights to Tono Branch trains between Centralia and Wabash, between these points O.-W. R. & N. trains will be governed by Northern Pacific Railroad Company's Time Table and Rules.

GRAY'S HARBOR BRANCH—Centralia and South Aberdeen.

WESTWARD					Distance from Centralia	TIME TABLE No. 5 May 14, 1911	Station Numbers	EASTWARD			
Second Class		First Class						First Class	Second Class		
Length of passing tracks in Cars	51 O.-W. R. & N. Freight Daily Ex. Sun.	11 C.M. & P.S. Mixed Daily Ex. Sun.	1 O.-W. R. & N. Pass. Daily	2 O.-W. R. & N. Pass. Daily				12 C.M. & P.S. Mixed Daily Ex. Sun.	52 O.-W. R. & N. Freight Daily Ex. Sun.		
WFYOP				AM 8.30				AM 10.15	AM 11.40		
60				9.00		DNR	CENTRALIA 4.6	A5	9.57	11.10	
65	P			9.37	PM 12.20	D	LINCOLN CREEK 7.2	A12	9.37	10.00	
65	WP			9.53 10.10		R	HELSING JCT. 1.5	A13	9.33	9.53	
65	P			10.45		D	INDEPENDENCE 8.5	A22	9.14	9.25	
65				11.00			CEDARVILLE 4.3	A26	9.03	9.03	
	P			11.18			FORD 4.4	A30	8.53	8.35	
65	WP			11.25		D	SAGINAW 1.6	A32	8.49	8.24	
65	P			12.05			SOUTH ELMA 10.0	A42	8.27	7.52	
40	P			12.10			SOUTH MONTESANO 1.4	A43	8.22	7.48	
				12.25			MELBOURNE 3.1	A47	8.15	7.38	
50	FYWP			12.50			PREACHER'S SLOUGH 4.3	A51	8.05	7.25	
20	P					DNR	COSMOPOLIS 1.9	A53	8.00	7.15	
				Daily Ex. Sun.			SOUTH ABERDEEN		Daily Ex. Sun.	Daily Ex. Sun.	
				4.20			Time over District		2.15	2.45	4.25

East-bound trains are superior to trains of the same class in the opposite direction. See Rule 72. Freight Service between Cosmopolis and South Aberdeen is performed by switching crew.

# 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 and Argo will be left set for C. & P. S. tracks.
- No. 9. Between Seattle and Argo trains will run over C. & P. S. tracks and will be governed by C. & P. S. time table and rules.
- No. 10. Argo and Black River are Initial Stations. At these stations first class trains will register by Registering Ticket (Form 2642), and will procure from operator Check of Register (Form 2529) and Clearance Card (Form 2643), in accordance with Rules 83 and 83-A Rules and Regulations of the Operating Department.
- No. 11. First class trains will stop on flag for passengers at the following points on Gray's Harbor branch: "Meadows," M. P. 7, Fuller's, M. P. 35, Oakville Bridge, M. P. 18.
- No. 12. Trains must not exceed a speed of ten miles per hour between Argo and Corgiat St.
- No. 13. Switch at Helsing Jct. will be left set and locked for line to Centralia.
- No. 14. Helsing Jct. will be Initial Station for Train No. 11.

## YARD RULES

No. 15. All trains, yard engines, light engines, etc., must proceed under control within defined yard limits at 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.

## 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).	Argo.	" J. T. GUERIN, District Surgeon.	VANCOUVER, Wash.	Kalama-Albina.
" F. D. MERRITT, District Surgeon.	AUBURN, Wash.	Seattle-Tacoma.	" CURTIS C. HOLCOMB, District Surgeon	ALBINA, Oregon.	Vancouver-Portland.
" CHAS. JAMES, District Surgeon.	TACOMA, 514 Calif. Bldg.	Auburn-Tenino.	" GEO. AINSLIE, Consulting Oculist and Aurist.	PORTLAND, Ore., Oregonian Bldg.	O.-W. R. & N. Co., Second District.
" CHAS. E. ROBSON, District Surgeon.	TENINO, Wash.	Tacoma-Centralia.	" FRANK M. TAYLOR, Assistant Surgeon.	PORTLAND, Ore. {Corbett Tel. Home 1267 Bldg. }Pac. M 267	O.-W. R. & N. Co., Second District.
" DAVID LIVINGSTONE, District Surgeon.	CENTRALIA, Wash.	Tenino-Winlock.	" D. H. JESSUP, Assistant Surgeon.	PORTLAND, Ore. { Bldg. }Pac. M 267	O.-W. R. & N. Co., Second District.
		Centralia-So. Elma.	" HANNIBAL BLAIR, District Surgeon.	ELMA, Wash.	So. Elma-Cosmopolis.
		Centralia-Tono.	" EDMUND A. SIZER, District Surgeon.	COSMOPOLIS, Wash.	Cosmopolis, Wash.
			" I. R. WATKINS, District Surgeon.	ABERDEEN, Wash.	Aberdeen, Wash.

### STANDARD CLOCKS

CENTRALIA - - - - - DISPATCHER'S OFFICE.  
 COSMOPOLIS - - - - - TELEGRAPH "

### LICENSED WATCH INSPECTORS

WEBB C. BALL, General Time Inspector, - - - - - SEATTLE.  
 HOUGHTON & HUNTER, Local Watch Inspectors - - - - - SEATTLE.  
 DAVIS & JONES, " " " - - - - - 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	
M-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

