

7.11
140

SPOKANE, PORTLAND & SEATTLE R'Y CO.

PORTLAND DIVISION

TIME TABLE No. 71

**TO TAKE EFFECT AT TWELVE-ONE (12:01) O'CLOCK A. M.
PACIFIC TIME**

SATURDAY, JUNE 16, 1917

**SUPERSEDING TIME TABLE NO. 70 AND ALL SUPPLEMENTS THERETO
THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY**

C. A. VERMILLION, Superintendent

H. M. HUSTON, Supt. Car Service

1124
1117

A. J. DAVIDSON, General Superintendent

SPECIAL RULES——EAST BOUND TRAINS ARE SUPERIOR TO WEST BOUND TRAINS OF SAME CLASS. EXCEPTION: No. 25 IS SUPERIOR TO No. 28

WEST BOUND											SECOND DISTRICT—BETWEEN ASTORIA AND HOLLADAY											EAST BOUND											3
3rd CLASS	SECOND CLASS		FIRST CLASS								Car Cap'city	Portland	Time Table No. 71 JUNE 16, 1917	Distances from Holladay	Water, Wyes Turn Tables, Fuel and Scales	FIRST CLASS										2nd CLASS	THIRD CLASS						
93	39	23	43	31	41	33	29	21	37	Passenger						Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	40	84	94					
Time Freight	Mixed	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passing Trucks	Other Tracks	STATIONS	Distances from Holladay	Water, Wyes Turn Tables, Fuel and Scales	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Mixed	Time Freight	Time Freight									
Daily Ex. Sunday	Daily	Daily	Daily	SATURDAY ONLY	Daily	TUESDAY, THURS., SAT.	Daily	Daily	Daily						Daily	MONDAY ONLY	Daily	SUNDAY, WED., FRI.	Daily	SATURDAY ONLY	Daily Ex. Saturday	Daily	Daily Ex. Sunday	Daily Ex. Sunday									
L 4.05AM	L 11.40AM	L 10.20PM	L 5.55PM	L 5.15PM	L 2.25PM	L 12.40PM	L 11.59AM	L 11.25AM	L 8.15AM	Yd		DN.....ASTORIA.....RO	99.8	R W F	A 8.10AM	A 9.25AM	A 10.20AM	A 1.25PM	A 5.00PM	A 5.15PM	A 5.35PM	A 7.05PM	A 7.20PM	A 1.40PM	A 7.35PM								
4.27	f 11.58	10.35	f 6.10	5.30	f 2.50	12.55	12.15PM	11.40	f 8.30			SUNNYMEAD No Siding	104.0		7.55	9.10	f 10.05	1.10	4.45	f 5.00	f 5.20	f 6.50	7.05	f 1.22	7.16								
4.30	A 12.05PM	f 10.40	A 6.15PM	5.35	s 2.55	A 1.00PM	12.20	s 11.45	s 8.35	43	105.6	D.....WARRENTON.....WA	13.5	J R Y	s 7.50	9.05	s 10.00	L 1.05PM	s 4.40	s 4.55	s 5.15	L 6.45PM	7.00	L 1.15PM	A 6.30AM	L 7.10PM							
4.35		10.42		5.39	f 2.59		12.24	f 11.49	f 8.38	3	107.0	SKIPANON.....Spur	12.1		7.46	9.02	f 9.57		f 4.36	f 4.51	f 5.10		6.57		6.25								
4.40		f 10.45		5.42	f 3.02		12.27	f 11.52	f 8.41	9	108.2	COLUMBIA BEACH Spur	10.9		f 7.42	8.59	f 9.53		f 4.32	f 4.47	f 5.08		6.53		6.20								
4.45		10.48		5.46	f 3.06		12.30	f 11.56	f 8.44		109.7	GLENWOOD.....No Siding	9.4		7.38	8.55	f 9.48		f 4.28	f 4.43	f 5.05		6.50		6.15								
4.48		f 10.50		5.48	f 3.08		12.32	f 11.58	f 8.46	2	110.3	CARNAHAN.....Spur	8.8		f 7.36	8.53	f 9.46		f 4.26	f 4.41	f 5.03		6.48		6.12								
4.52		f 10.53		5.52	f 3.11		12.36	f 12.02PM	f 8.50	23	112.1	WEST.....	7.0		f 7.32	8.50	f 9.42		f 4.22	f 4.37	f 5.00	6.45	55	6.07									
4.57		f 10.55		5.54	f 3.13		12.39	f 12.04	f 8.53	3	113.2	CLATSOP.....Spur	5.9		f 7.30	8.48	f 9.39		f 4.19	f 4.33	f 4.58		6.42		6.04								
5.02		10.57		5.58	f 3.17		12.42	f 12.07	f 8.56		114.4	BUTTERFIELD No Siding	4.7		7.26	8.45	f 9.35		f 4.15	f 4.30	f 4.55		6.39		5.59								
5.06		s 11.02		s 6.00	s 3.19		s 12.45	s 12.10	s 8.59	14	115.7	GEARHART.....GR	3.4		s 7.23	s 8.42	s 9.32		s 4.12	s 4.27	s 4.52		s 6.36		5.55								
5.10		11.04		6.04	f 3.22		12.49	f 12.15	f 9.01		116.8	WAHANNAH.....No Siding	2.3		7.20	8.39	f 9.29		f 4.09	f 4.24	f 4.49		f 6.33		5.51								
5.12		11.07		6.07	f 3.24		12.51	f 12.17	f 9.03		117.4	SURF.....No Siding	1.7		7.17	8.37	f 9.27		f 4.07	f 4.22	f 4.47		f 6.32		5.48								
5.15		s 11.10		s 6.10	s 3.25		s 12.55	s 12.20	s 9.05	22	56	D.....SEASIDE.....SD	1.1	R W	s 7.15	s 8.35	s 9.25		s 4.05	s 4.20	s 4.45		s 6.30		5.45								
A 5.25AM		A 11.15PM		A 6.15PM	A 3.30PM		A 1.00PM	A 12.25PM	A 9.10AM	23	119.1	HOLLADAY.....	0.0	Y	L 7.05AM	L 8.20AM	L 9.15AM		L 3.50PM	L 4.10PM	L 4.35PM		L 6.15PM		L 5.25AM								
93	39	23	43	31	41	33	29	21	37						22	30	38	34	24	42	44	46	32	40	84	94							
Daily Ex. Sunday	Daily	Daily	Daily	SATURDAY ONLY	Daily	TUESDAY, THURS., SAT.	Daily	Daily	Daily						Daily	MONDAY ONLY	Daily	SUNDAY, WED., FRI.	Daily	SATURDAY ONLY	Daily Ex. Saturday	Daily	Daily	Daily Ex. Sunday	Daily Ex. Sunday								
1.20 14.9	0.25 14.0	0.55 21.0	0.20 17.7	1.00 19.3	0.55 21.0	0.20 17.7	1.01 19.3	1.00 19.3	0.55 21.0			Time Over District. Average Speed Per Hour.			1.05 17.8	1.05 17.8	1.05 17.8	0.20 17.7	1.10 16.5	1.05 17.8	1.00 19.3	0.20 17.7	1.05 17.8	0.25 14.0	1.05 16.3	0.25 14.0							

SPECIAL RULES

EAST BOUND TRAINS ARE SUPERIOR TO WEST BOUND TRAINS OF THE SAME CLASS. EXCEPTIONS:

No. 37 is superior to No. 38. No. 43 is superior to No. 46. No. 93 is superior to No. 84.

WEST BOUND										THIRD DISTRICT—BETWEEN WARRENTON AND FORT STEVENS										EAST BOUND			
THIRD CLASS		SECOND CLASS				FIRST CLASS			Capacity of Side Tracks	Distances from Warrenton	Time Table No. 71 JUNE 16, 1917			Distances from Fort Stevens	Water, Wyes Turn Tables and Scales	FIRST CLASS		SECOND CLASS		THIRD CLASS			
95					39		43	38			34	46	40					94					
Time Freight					Mixed		Passenger	Passenger			Passenger	Passenger	Passenger			Mixed			Time Freight				
Daily Ex. Sunday					Daily		Daily	TUES., THURS., SATURDAY			SUN., WED., FRIDAY	Daily	Daily					Daily Ex. Sunday					
L 6.30AM					L 12.20PM		L 6.15PM	L 1.00PM	43	0.0	D..... WARRENTONWA	3.8	J R Y	A 1.05PM	A 6.45PM	A 1.15PM			A 7.10PM				
A 6.40AM					s 12.25		s 6.20	A 1.05PM	Yard	1.8	DN..... FLAVELX	2.0	R W F Y	L 1.00PM	s 6.40	s 1.10			L 7.05PM				
					s 12.30		s 6.25		4	2.9	HAMMONDSpur	0.9			s 6.35	s 1.00							
					A 12.35PM		A 6.30PM		Yard	3.8	FORT STEVENS.....	0.0	R Y		L 6.30PM	L 12.55PM							
95					39		43	33						34	46	40			94				
Daily Ex. Sunday					Daily		Daily	TUES., THURS., SATURDAY						SUN., WED., FRIDAY	Daily	Daily			Daily Ex Sunday				
0.10 10.8					0.15 15.0		0.15 15.0	0.05 21.04			Time Over District. Average Speed Per Hour.			0.05 21.4	0.15 15.0	0.20 11.6			0.05 21.4				

SPECIAL RULES

EAST BOUND TRAINS ARE SUPERIOR TO WEST BOUND TRAINS OF THE SAME CLASS.

EXCEPTIONS:

No. 39 is superior to No. 40

No. 43 is superior to No. 46

SPECIAL RULES

EAST BOUND TRAINS ARE SUPERIOR TO WEST BOUND TRAINS OF THE SAME CLASS.

EXCEPTIONS:

No. 39 is superior to No. 40
No. 43 is superior to No. 46

GRADE CROSSINGS

NAME	Miles from Portland
P. & S.W. Ry. (Interlocking Plant).....	20.3
St. Helens Lumber Co. (Interlocking Plant).....	26.9
G. N. & P. Ry. (Interlocking Plant).....	38.1
Benson Timber Co. (Interlocking Plant).....	62.4

OVERHEAD CROSSINGS

NAME	Miles from Portland
Hammond Lumber Co.	46.0
Columbia & Nehalem River Ry.....	69.7
Oregon Timber & Log Co.....	77.3
Big Creek Logging Co.	87.0

JUNCTIONS WITH LOGGING ROADS

NAME	Miles from Portland	Switch at
Portland & Southwestern Ry.....	20.1	East end
St. Helens Lumber Co.....	27.0	West end
Deer Island Logging Co.....	32.5	East end
Goble, Nehalem & Pacific Ry.....	38.0	East end
Noyes Holland Logging Co.....	51.4	West end
Benson Timber Co.....	62.3	East end
Colum. & Nehalem Riv. Ry.....	69.8	West end
Oregon Timber & Log Co.....	77.4	West end
Big Creek Logging Co.....	86.8	West end
Bear Creek Logging Co.	90.9	West end

LOCATION AND LENGTH OF TUNNELS

No.	LOCATION	Length
3	1.2 miles east of Mayger	175 feet
4	.6 miles east of John Day.....	176 feet

YARDS

Linnton yard limits extend five hundred feet west of United Junction switch to five hundred feet east of east switch of passing track.

Astoria yard limits extend from Tongue Point to 390 feet west of Smith's Point switch.

Warrenton yard limits extend from 2500 feet east of East switch to 2600 feet west of west switch on Second District.

Flavel yard limits extend from Warrenton to Fort Stevens.

Seaside yard limits extend from 500 feet east of East switch at Seaside to end of track at Holladay.

WATCH INSPECTORS

A. L. HAMAN, Chief Time Inspector, St. Paul, Minn.
A. & C. FELDENHEIMER.....PORTLAND
AL. W. FIELD....."
EMIL NELSON.....ASTORIA

CAPACITY OF ENGINES IN ADDITION TO WEIGHT OF ENGINES, TENDERS AND CABOSES

DISTRICT	Ruling Grade	Class of Engine									
		D-2	D-3	D-4	D-6	L-1	L-5	L-4	N-1	N-3	
		150	157	164	159	50	55	53	351	370	
		151	158	165		55	54	54	352		
Portland to Goble	.56	1325	1423	1364	1480	836	700	1456	1780		
Goble to Portland	.52	1400	1507	1444	1564	900	712	1535	1872		
Goble to Astoria.....	.31	1525	1650	1590	1690	1143	860	1800	2100		
Astoria to Goble	.38	1500	1590	1525	1620	1100	810	1640	2050		
Astoria to Flavel	.33	1525	1650	1590	1690	1143	860	1800	2100		
Flavel to Astoria	.44	1480	1575	1512	1600	1084	810	1618	2050		
Warrenton to Holladay....	1.22	742	800	766	831	470	378	815	994		
Holladay to Warrenton....	.70	880	950	909	985	557	448	966	1180		

S. A. GAGNON, Dispatcher
E. D. LACKEY, Dispatcher
E. M. HERRING, Dispatcher

SPECIAL RULES

- No. 1. Special Rules supersede rules and regulations of Transportation Department.
No. 2. Trains will date from time due to leave initial station.

INITIAL STATION **First District.** **TERMINAL STATION.**
Willbridge for trains 21, 23, 25, 27, 29, 31, 33, 181, 93. Willbridge for trains 22, 24, 26, 28, 30, 32, 34, 182, 94.
Avon for trains 26, 28. Avon for trains 25, 27.
Astoria for trains 22, 24, 30, 32, 34, 182, 94. Astoria for trains 21, 23, 29, 31, 33, 181, 93.
Second District.
Astoria for trains 21, 23, 29, 31, 33, 37, 39, 41, 43, 93. Astoria for trains 22, 24, 30, 32, 34, 38, 40, 42, 44, 46, 94.
Warrenton for train 34, 40, 46, 94. Warrenton for train 33, 39, 43, 84.
Holladay for trains 22, 24, 30, 32, 38, 42, 44, 84. Holladay for trains 21, 23, 29, 31, 37, 41, 93.

- Third District.**
Warrenton for trains 33, 39, 43, 95. Warrenton for trains 34, 40, 46, 94.
Flavel for train 34, 94. Flavel for train 33, 95.
Fort Stevens for trains 40, 46. Fort Stevens for trains 39, 43.
No. 3. Unless some form of block signals are used, passenger trains in same direction must keep at least fifteen minutes apart, and other trains ten minutes apart, except in closing up at stations, and operators must space passenger trains fifteen minutes apart and other trains ten minutes apart, using the train order signal for that purpose. They must show on clearance card the time train will be allowed to depart. Conductors and enginemen must respect the time marked on clearance card. Trains must approach all stations where the view is obscured at a rate of speed that will enable them to stop should an emergency arise.

REGISTERING STATIONS.

- No. 4. Portland, Astoria, Warrenton, Seaside, Fort Stevens.
Avon for trains 25, 26, 27, 28. Flavel for trains 33, 34, 94, 95.
Third District trains register arriving and departing time at Fort Stevens by card at Warrenton. Trains 33 and 34 leave register ticket with operator at Warrenton who will register for them.

STANDARD CLOCKS AND BULLETIN BOARDS.

- No. 5. Portland and Astoria.
No. 6. Deraill Switches are located on all Passing Tracks and Spurs where there is danger of cars running out. Derails must be left at derail at all times, except when in use.

SPEED RESTRICTIONS.

- No. 7. Maximum speed for passenger trains at any point must not exceed forty-five (45) miles per hour, and freight trains must not exceed thirty (30) miles per hour.
Through Town of Linnton, 20 miles per hour.
Through City of Goble, 10 miles per hour.
Through City of Rainier, 8 miles per hour.
Between Tongue Point and west end of Young's Bay, 20 miles per hour.
On Pacific Ave., Hammond, 8 miles per hour.
Between Flavel and Fort Stevens, 20 miles per hour.
Trains must not exceed time table schedule between Warrenton and Astoria.
No. 8. Attention is called to electrification of main line and passing track at Linnton from United Junction to East of East switch of passing track, and overhead wires and United Railway trains in yard limits, Linnton.
No. 9. Draw Bridges are located: Clatskanie River, 0.5 miles West of Clatskanie; Blind Slough; John Day River, 0.6 miles east of John Day; Young's Bay, 2.8 miles west of Astoria; Skipanon Creek, 0.1 miles East of Warrenton.
No. 10. Before crossing the track of a railroad or passing thereon, and before crossing any draw bridge (except when an interlocking system is in use), every train, engine, motor, hand car or speeder, must be brought to a stop at a distance of not less than two hundred feet, nor more than eight hundred feet, from such crossing, switch, or draw bridge. Enginemen of trains, engines and motors must not proceed until track is plainly seen to be clear and whistle signal, as provided by Rule 14 (b) has been given.
No. 11. At Willbridge Portland division trains will be governed by position of the lower blades of train order semaphore.
No. 12. No. 21 will stop on flag at Holbrook for passengers for points west of Rainier.
No. 13. No. 22 will stop on flag at Surf, Wahanna, and Halco to receive passengers only and at Inglis to receive passengers for Portland.
No. 14. No. 23 will stop on signal at Halco, Wahannah and Surf to discharge passengers only and at Skipanon, Glenwood, Clatsop and Butterfield to let off passengers from points east of Astoria.
No. 15. No. 24 will stop on signal at points east of Rainier to let off passengers from points west of Rainier.
No. 16. No. 24 will stop on flag at Allendale and Warren Sunday only and at Holbrook Saturday and Sunday only.
No. 17. No. 29 will stop at Linnton to discharge passengers from Portland for points beyond Linnton on United Rys. and at Goble on flag to receive passengers for Astoria and points west.
No. 18. Nos. 29 and 31 will stop at Warrenton and all stations west to discharge passengers from points east of Astoria.
No. 19. At Warrenton No. 39 waits for connection with No. 21 and No. 29.
No. 20. At Linnton, No. 26 waits for connection with United Railway No. 2; No. 22 with United Railway No. 4, and No. 28 with United Railway No. 6.
No. 21. No. 30 will stop on flag at Surf, Wahannah and Columbia Beach to receive passengers for Rainier and Portland, only.
No. 22. No. 32 will stop at Kerry daily except Sunday.
No. 23. All trainmen and others interested are hereby warned that the majority of cattle guards on Portland Division are closer to tracks than required standard of the Public Service Commission of Oregon.

CLEARANCE TABLE

	Height above Top of Rail										
	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	10'6"
Portland Division.....	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"	15'6"

Conductors must be absolutely positive that loads do not exceed these dimensions and must not move cars of greater dimensions without instructions from Superintendent.

COMPANY SURGEONS

DR. E. B. MCDANIEL, Chief Surgeon, Electric Bldg, Portland
DR. R. C. MCDANIEL, Asst. Surgeon, Electric Bldg., Portland
DRS. DICKSON, COGHAN & DAVIS, Oculists, Selling Bldg., Portland
DR. S. M. MANN, Local Surgeon, Linnton
DR. W. E. WELCH, Local Surgeon, Rainier
DR. W. H. LOTT, Local Surgeon, Westport.
DR. J. A. FULTON, Local Surgeon, Astoria
DR. W. E. LEWIS, Local Surgeon, Seaside.

Surgeons will attend when called upon officially, to all cases of accident occurring to employees or passengers. In cases of sickness it is the intention to limit medical service to the locality or town where a surgeon resides, unless some urgent necessity exists, for which distinct official authority must be had in accordance with established regulations.

Railway Officials are required to call on the nearest authorized surgeons whenever practicable, when surgical or medical services are needed. When such are accessible, the Hospital Fund will not be responsible for bills for medical services rendered by any other physician. In the event of a sudden emergency, arising from accident, if necessary proper surgical aid should be procured until the arrival of a regularly appointed surgeon, when the case should be placed in his charge, and in no case should the services of any but an authorized company surgeon be continued at the expense of the Railway Company or of the Hospital Fund after such surgeon is able to assume charge of the case.

Boarding and Nursing are furnished only at hospitals with which the Company has made arrangements. We are not responsible for bills incurred elsewhere, unless specially authorized or approved by the Chief Surgeon, and then only in critical cases of injury or illness occurring in the discharge of duty.

STRETCHERS

are located at the following points:

Portland.....Baggage Room
Rainier.....Station
Astoria.....Station

BUSINESS TRACKS AND PASSENGER FLAG STOPS NOT SHOWN AS STATIONS ON TIME TABLE

First District				
NAME	Miles from Portland	Car Capacity	Switch at	Flag Stops for Trains
Portland, G&C Spur..	5.6	33	West end	Not Passenger Stop.
Claremont.....	6.0			25-26-27-28.
Col. Engr. Works ..	6.9	7	West end	Not Passenger Stop.
West Ore. Lbr. Spur.	8.3	15	West end	Not Passenger Stop.
Ban's Spur.....	9.8	55	East end	25-26-27-28.
Burlington Spur....	11.9	60	West end	25-26-27-28.
Rocky Point.....	15.7			25-26-27-28.
Johnson's Crossing..	18.1			25-26-27-28.
Honeymans	22.0	7	Both ends	21-25-26-27-28.
McBride.....	30.0			25-26-27-28.
Appleton's Crossing.	32.0			26, 27.
Tide Creek.....	35.8			25-26-27-28.
Nehalem Junction...	38.0	4	East end	25-26-27-28.
Prescott Spur.....	42.2	17	East end	21-24-25-26-27-28.
Oasis.....	43.4			25-26-27-28.
Plues.....	46.4	13	East end	Not Passenger Stop.
Rice's Spur.....	47.0	14	West end	Not Passenger Stop.
Tryon Spur.....	51.4	3	West end	21-22-23-24.
Downings	52.8			21-24.
Fluhner's Spur.....	55.4	7	East end	Not Passenger Stop.
Inglis, 2 tracks.....	60.3	29	West end	21-23-24.
Palm.....	63.7			21-24.
Woodson.....	68.5			21-24.
Kerry Spur.....	69.8	10	West end	21-22-23-24. Regular Stops
Bugby.....	75.2			21-24.
Parsons Spur	77.4	2	West end	21-22-23-24.
Aldrich Point.....	81.7			21-24.
Brody.....	83.3			Not Passenger Stop.
Burnside.....	91.4			21-22-24.
Fernhill.....	94.0			21-22-24.
Tongue Point.....	96.9			21-24.
Halco.....	97.5			21-24.
11th St., Astoria.....	100.3			21-24-37-38-39-40-41-42-43-44-46.

Second District

Merryweather.....	104.2			37-38-39-40-41-42-43-44-46.
Allendale.....	111.4			37-38-39-40-41-42-43-44-46.

Third District

Stock Yard Spur.....	106.1	8	East end	Not Passenger Stop.
Warrenton Clay Spur	106.3	65	West end	Not Passenger Stop.

A. KASE, Chief Dispatcher
E. B. HEATH, Trainmaster
P. McKAY, Asst. Superintendent