

SPOKANE. PORTLAND & SEATTLE R'Y CO.

ASTORIA DIVISION

TIME TABLE

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

SATURDAY, JUNE 1, 1912

**THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY
DESTROY ALL PREVIOUS TIME TABLES**

J. McGUIRE, Superintendent

J. RUSSELL, General Superintendent

WEST BOUND								FIRST DISTRICT—PORTLAND TO ASTORIA										EAST BOUND							
SECOND CLASS		FIRST CLASS							Capacity of Side Tracks	Distance from Portland	Time Table No. 51 JUNE 1, 1912 STATIONS		Distance from Astoria	Water, Wyes, Turntables, Fuel and Scales.	FIRST CLASS							SECOND CLASS			
81		25	31	27	29	23	21	28							20	26	30	22	24		82				
Freight		Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger							Passenger	Passenger	Passenger	Passenger	Passenger		Freight				
Daily Ex. Sunday		Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily						Daily	Daily	MONDAY ONLY	Daily	Daily	Daily		Daily Ex. Sunday					
L 6.00 AM		L 6.30 PM	L 5.45 PM	L 2.00 PM	L 1.00 PM	L 9.10 AM	L 8.00 AM	Yard	0.0	DN.....	PORTLAND.....	OW	99.8	W T F	A 9.45 AM	A 12.20 PM	A 12.40 PM	A 5.15 PM	A 9.10 PM	A 10.30 PM		A 4.00 PM			
BETWEEN PORTLAND AND WILLBRIDGE TRAINS WILL BE GOVERNED BY TERMINALS DIVISION TIME TABLE AND SPECIAL RULES																									
6.30		6.41	5.56	2.11	1.11	9.21	8.11		4.5	DN.....	WILLBRIDGE.....	BA	95.3		9.34	12.09	12.29	5.03	8.59	10.19		3.25			
7.15		6.45	s 6.00	2.15	s 1.17	9.25	8.17	37	7.3	D.....	LINNTON.....	IN	92.5	s	9.25	12.03 PM	12.25	s 4.56	8.52	10.15		3.00			
7.55		6.54	f 6.12	2.23	f 1.30	9.35	s 8.30	35	12.5	.....	HOLBROOK.....		87.3	W 3 MI. W.	f 9.10	11.52	12.16	f 4.42	8.41	10.05		2.23			
21-28 8.47		7.05	s 6.27	2.35	s 1.47	9.48	s 8.47	41	19.8	D.....	SCAPPOOSE.....	SQ	80.0	s	8.47	s 11.39	12.04 PM	s 4.24	s 8.25	9.53		1.47			
9.05		7.13	f 6.37	2.42	f 1.58	9.57	s 8.56	34	24.2	.....	WARREN.....		75.6	f	8.35	11.30	11.56	f 4.13	f 8.15	9.45		1.30			
9.17		7.17	6.44	2.46	2.05	10.02	9.03	46	27.1	.....	SOUTH HOULTON.....		72.7		8.27	11.24	11.51	4.05	8.08	9.41		1.18			
9.20		7.18	s 6.45	2.47	s 2.06	10.03	s 9.04	7	27.5	D.....	HOULTON.....	HU	72.3	s	8.26	s 11.23	11.50	s 4.04	s 8.07	9.40		1.15			
9.35		7.24	f 6.53	2.52	f 2.15	10.09	f 9.12	55	31.2	.....	McBRIDE.....		68.6	W	f 8.17	11.16	11.44	f 3.55	f 7.59	9.34		1.00			
9.45		7.28	s 6.58	2.56	s 2.21	10.13	f 9.17	10	33.2	.....	DEER ISLAND.....		66.6	s	8.10	11.11	11.40	s 3.48	f 7.52	9.30		12.50			
10.00		7.34	f 7.06	3.02	f 2.30	10.20	9.25	30	37.2	.....	CHARLTON.....		62.6	f	8.01	11.04	11.33	f 3.39	7.44	9.24		12.35			
20-23-26 A 10.25 L 11.30		s 7.40	s 7.10	f 3.05	s 2.35	10.25	s 9.30	112	39.4	D.....	GOBLE.....	GB	60.4	T	s 7.55	s 11.00	11.30	s 3.35	s 7.40	9.20		12.25			
82 12.01 PM		s 7.55	A 7.25 PM	s 3.15	A 2.50 PM	s 10.40	s 9.43	16	45.8	D.....	RAINIER.....	RA	54.0	W 3 MI. E.	L 7.40 AM	s 10.40	s 11.17	L 3.15 PM	s 7.25	s 9.06		81 12.01 PM			
12.35		f 8.13		3.30		10.53	f 10.03	19	58.5	.....	PYRAMID.....		46.3			f 10.15	11.02		f 7.05	8.51		11.30			
12.45		f 8.17		3.35		10.57	f 10.10	15	55.9	.....	MAYGER.....		43.9			f 10.10	10.57		f 6.59	8.46		11.20			
1.00		f 8.25		3.42		11.04	f 10.18	54	59.3	.....	QUINCY.....		40.5	W		f 10.00	10.50		f 6.50	8.40		21.23, 20-26 11.04 10.00			
1.05		f 8.27		3.44		11.06	f 10.20	20	60.5	.....	INGLIS.....		39.3			f 9.57	10.48		f 6.47	8.36		9.30			
1.15		s 8.32		3.47		11.08	s 10.25	108	62.8	D.....	CLATSKANIE.....	CN	37.5			s 9.53	10.45		f 6.42	8.32		9.00			
1.20		f 8.36		3.49		11.10	f 10.28	13	63.6	.....	PALM.....	Spur	36.2			f 9.49	10.41		f 6.39	8.30		8.53			
1.32		f 8.44		3.55		11.16	f 10.35	63	66.6	.....	MARSHLAND.....		33.2			f 9.42	10.35		f 6.31	8.24		8.42			
1.52		f 8.57		4.04		11.25	f 10.46	35	71.2	.....	WESTPORT.....		28.6			f 9.31	10.27		f 6.20	8.14		8.24			
2.25		f 9.17		4.18		11.38	f 11.04	52	78.7	.....	CLIFTON.....		21.1	W		f 9.12	10.13		f 6.00	7.59		7.54			
2.55		f 9.35		4.29		11.50	f 11.19	84.9		D.....	BLIND SLOUGH.....	No Siding BS	14.9			f 8.56	10.02		f 5.44	7.46		7.30			
3.01		f 9.39		4.32		11.53	f 11.23	37	86.6	.....	KNAPPA.....		13.2			f 8.52	9.58		f 5.40	7.43		7.24			
3.17		f 9.50		4.39		11.59	f 11.32	49	90.3	.....	SVENSEN.....		9.5			f 8.43	9.52		f 5.30	7.36		7.10			
3.40		f 10.05		4.48		12.09 PM	11.45	40	95.4	.....	JOHN DAY.....		4.4			f 8.30	9.41		f 5.15	7.26		6.50			
A 4.00 PM		A 10.20 PM		A 5.00 PM		A 12.20 PM	A 12.01 PM	Yard	99.8	DN.....	ASTORIA.....	RO	0.0	W T O F	L 8.15 AM	L 9.30 AM		L 5.00 PM	L 7.15 PM		L 6.30 AM				
81		25	31	27	29	23	21							28	20	26	30	22	24		82				
Daily Ex. Sunday		Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily							Daily	Daily	MONDAY ONLY	Daily	Daily	Daily		Daily Ex. Sunday				
10.00 9.98		3.50 26.03	1.40 27.48	3.00 33.27	1.50 24.98	8.10 31.52	4.01 24.85			Time Over District. Average Speed Per Hour.				2.05 21.98	4.05 21.44	3.10 31.52	2.00 22.90	4.10 23.95	3.15 30.71		9.30 10.51				

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

No. 21 will stop on flag at Linnton and Burlington to pick up passengers for points West. No. 20 will stop on flag at Linnton, and No. 22 will stop on flag at Holbrook, Burlington and Linnton to let off passengers from points West.
No. 25 will approach Rainier under control, expecting to find No. 31 backing up to take siding. No. 28 will take Siding for No. 21 and 23.

WEST BOUND												EAST BOUND											
SECOND CLASS	FIRST CLASS											SECOND CLASS	FIRST CLASS										
83	45	25	43	41	27	39	37	23	21	35	33	84	34	20	26	36	38	22	40	42	24	44	46
Freight	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Freight	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Freight
Daily Ex Sunday	Daily	Daily	Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily	Daily Ex Sunday	Daily	Daily	MONDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily Ex Sunday
10.20AM	10.30PM	10.25PM	7.15PM	5.45PM	5.00PM	3.00PM	12.30PM	12.20PM	12.05PM	8.50AM	6.50AM	10.20AM	8.00AM	8.15AM	9.30AM	11.20AM	2.05PM	4.50PM	5.40PM	6.55PM	7.15PM	9.40PM	11.40PM
10.43	10.45	10.40	7.30	6.00	5.15	3.15	12.45	12.32	12.20	9.05	7.05	10.43	7.45	8.03	9.15	11.05	1.50	4.38	5.25	6.40	7.03	9.25	11.25
10.50	10.50PM	10.45	7.35	6.05PM	5.20	3.20	12.50PM	12.35	12.25	9.10	7.10AM	10.50	7.40AM	7.58	9.10	11.00	1.45PM	4.35	5.20	6.35PM	7.00	9.20	11.20PM
12.50		10.48	7.38		5.23	3.23		12.38	12.28	9.14		12.50		7.55	9.07	10.26		4.31	5.10		6.57	9.16	
12.58		10.52	7.41		5.26	3.27		12.43	12.31	9.18		12.58		7.52	9.04	10.23		4.26	5.06		6.53	9.13	
1.05		10.56	7.44		5.30	3.31		12.47	12.34	9.22		1.05		7.49	9.01	10.19		4.22	5.02		6.50	9.10	
1.09		10.58	7.47		5.32	3.33		12.49	12.36	9.25		1.09		7.47	8.58	10.17		4.20	5.00		6.48	9.08	
1.16		11.02	7.51		5.37	3.37		12.53	12.40	9.29		1.16		7.44	8.55	10.14		4.16	4.56		6.45	9.05	
1.21		11.05	7.54		5.40	3.40		12.57	12.43	9.32		1.21		7.41	8.53	10.12		4.13	4.53		6.42	9.02	
1.28		11.09	7.56		5.43	3.43		1.00	12.46	9.35		1.28		7.38	8.49	10.09		4.10	4.49		6.39	8.59	
1.35		11.12	8.00		5.47	3.47		1.03	12.49	9.38		1.35		7.36	8.47	10.06		4.07	4.46		6.36	8.56	
1.40		11.15	8.02		5.50	3.52		1.06	12.52	9.42		1.40		7.34	8.44	10.04		4.04	4.44		6.34	8.54	
1.42		11.17	8.04		5.52	3.55		1.08	12.53	9.43		1.42		7.32	8.42	10.02		4.02	4.42		6.32	8.52	
1.45		11.20	8.05		5.55	4.00		1.10	12.55	9.45		1.45		7.30	8.40	10.00		4.00	4.40		6.30	8.50	
2.00PM		11.25PM	8.15PM		6.05PM	4.10PM		1.20PM	1.05PM	9.50AM		2.00PM		7.15AM	8.25AM	9.55AM		3.45PM	4.30PM		6.15PM	8.40PM	
83	45	25	43	41	27	39	37	23	21	35	33	84	34	20	26	36	38	22	40	42	24	44	46
Daily Ex Sunday	Daily	Daily	Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily	Daily Ex Sunday	Daily	Daily	MONDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily Ex Sunday
2.45	0.20	1.00	1.00	0.20	1.05	1.10	0.20	1.00	1.00	1.00	0.20	2.45	0.20	1.00	1.05	0.55	0.20	1.05	1.10	0.20	1.00	1.00	0.20
7.02	17.70	19.30	19.30	17.70	17.82	16.54	17.70	19.30	19.30	19.30	17.70	7.02	17.70	19.30	17.82	21.05	17.70	17.82	16.54	17.70	19.30	19.30	17.70
Time Over District. Average Speed Per Hour.												Time Over District. Average Speed Per Hour.											

FORT STEVENS BRANCH																											
SECOND CLASS		FIRST CLASS									Capacity of Side Tracks	Distances from Warrenton	Time Table No. 51		Distances from Fort Stevens	Water, Wyes Turn Tables and Scales	FIRST CLASS									SECOND CLASS	
85					45	41	37	47	33	JUNE 1, 1912			34	48			38	42	46					86			
Freight					Passenger	Passenger	Passenger	Passenger	Passenger				Passenger	Passenger			Passenger	Passenger	Passenger					Freight			
Daily Except Sunday					Daily	Daily	Daily	Daily	Daily	STATIONS			Daily	Daily			Daily	Daily	Daily					Daily Except Sunday			
1 11.00AM					L 10.50PM	L 6.05PM	L 12.50PM	L 10.30AM	L 7.10AM	22 0.0	D..... WARRENTON .....WA	3.8	Y	A 7.40AM	A 11.00AM	A 1.45PM	A 6.35PM	A 11.20PM			A 11.55AM						
					f 10.55	f 6.10	f 12.55	f 10.35	f 7.15	1.7	 FLAVEL	2.1		f 7.35	f 10.55	f 1.40	f 6.30	f 11.15									
					s 11.00	s 6.15	s 1.00	s 10.40	s 7.20	4 2.9	HAMMOND .....Spur	0.9		s 7.30	s 10.50	s 1.35	s 6.25	s 11.10									
A 11.25AM					A 11.05PM	A 6.20PM	A 1.05PM	A 10.45AM	A 7.25AM	5 3.8	FORT STEVENS.....	0.0	Y	L 7.25AM	L 10.45AM	L 1.30PM	L 6.20PM	L 11.05PM			L 11.30AM						
Daily Except Sunday					Daily	Daily	Daily	Daily	Daily					Daily	Daily	Daily	Daily	Daily			Daily Except Sunday						
0.25 9.12					0.15 15.20	0.15 15.20	0.15 15.20	0.15 15.20	0.15 15.20		Time Over District. Average Speed Per Hour.			0.15 15.20	0.15 15.20	0.15 15.20	0.15 15.20	0.15 15.20			0.25 9.12						

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

No. 33 is superior to No. 34, Warrenton to Fort Stevens.
No. 47 is superior to No. 48, Warrenton to Fort Stevens.
No. 37 is superior to No. 38, Warrenton to Fort Stevens.

No. 41 is superior to No. 42, Warrenton to Fort Stevens.
No. 45 is superior to No. 46, Warrenton to Fort Stevens.

No. 85 is superior to No. 86, Warrenton to Fort Stevens.
No. 35 is superior to No. 36, Warrenton to Holladay.
No. 83 is superior to No. 84, Warrenton to Holladay.

GRADE CROSSINGS

P.&S.W.Ry.(Interlocking Plant) .4 Miles West of Scappoose
G. N. & P. Ry. " " 1.2 " East " Goble
Benson Logging Co..... .2 " West " Clatskanie

OVERHEAD CROSSINGS

C. C. Masten Log Co.....0.5 Miles East of Houlton
Oregon Timber & Log Co.....1.0 " " " Clifton

SPUR TRACKS BETWEEN STATIONS

Orwood Spur.....Heads East, 1.0 Mile East of Linnton
West Oregon Lumber Spur.. " West, .9 " West " "
Bans Shingle Mill Spur..... " East, 2.9 " East " Holbrook
Burlington Lbr. Spur " West .7 " " " "
Honeymans Spur..... " East, 1.9 " West " Scappoose
Nehalem Jct..... " " 1.4 " East " Goble
Prescott Spur..... " " 2.5 " West " "
Rices Spur..... " West, 1.2 " " " Rainier
Fluhrers Spur..... " East, .3 " East " Mayger
Rinearson " West, 2.1 " " " Pyramid
Wauna..... " East, 1.5 " " " Bugby
Parsons Spur..... " West, 1.0 " " " Clifton
Aldrich Point..... " East, 2.2 " " " Blind Slough
Carnahan Spur..... " West, .2 " " " Carnahan
Seaside Lumber Co. Spur... " East, .2 " West " Seaside

JUNCTIONS WITH LOGGING ROADS

P. & S. W. Ry.....Heads East, .2 Miles West of Scappoose
C. C. Masten Logging Co. " West, .5 " East " Houlton
Columbia & N. V. Ry..... " East, .1 " " " McBride
Goble, Nehalem & Pacific Ry. " " 1.2 " " " Goble
Benson Logging Co..... " " .1 " West " Clatskanie
Jennings & McRea Log. Co. " West, .8 " East " Marshland
Oregon Timber & Log Co. " " 1.0 " " " Clifton
Steel & Gertula..... " East, 2.2 " " " Blind Slough
Sorenson Logging Co..... " West, .7 " West " Svensen
Seaside Lumber Co..... " " .5 " " " Seaside
Connéction with S. L. Co. " " .2 " " " Holladay

LOCATION OF TUNNELS

No. 1.....6.1 Miles West of Rainier
No. 2.....6.2 " " " Rainier
No. 3.....1.3 " East " Mayger
No. 4......6 " " " John Day

WATCH INSPECTORS

A. L. HAMAN, Chief Time Inspector, St. Paul, Minn.
PORTLAND.....A. & C. FELDENHEIMER
"BELDING BROS.
ASTORIAJ. H. SEYMOUR

SPECIAL RULES

STANDARD CLOCKS LOCATED AT PORTLAND AND ASTORIA

Special care must be exercised when approaching all Bluffs where Slides are liable to occur, and Freight Brakemen must be on top of train when approaching and passing all Stations and Bluffs.

Registering stations: Portland, Rainier, Astoria, Warrenton and Seaside.
No. 23, 24 and 27 will register at Warrenton by Card. All Fort Stevens branch trains will register arriving and departing time at Fort Stevens by Card at Warrenton.

Bulletin stations: Portland and Astoria.

Draw Bridges are located: East end Warrenton yard, Young's Bay 2½ miles West of Astoria, John Day 5 miles East of Astoria, Blind Slough 2 miles East of Knappa, Clatskanie ¼ mile West of Clatskanie.

Between Portland and Willbridge, all trains will be handled under Block System, which will consist of a Clearance Card, Form No. 1222, properly numbered and completed.

No train or engine will occupy trackage space in block district unless Conductor and Engineer hold authority conferred by Block Clearance Card.

See Rules on back of Clearance Card, Form 1222.

At Willbridge, Astoria Div. trains will be governed by position of the LOWER blades of semaphore.

Portland and Rainier are terminals for trains 28, 29, 30 and 31.

No. 23 and No. 27 will stop on flag at Skipanon and all stations West to discharge passengers from points East of Astoria.

SPEED TABLE

50 miles per hour is equivalent to one mile in 1 minute and 12 seconds.
45 miles per hour is equivalent to one mile in 1 minute and 20 seconds.
40 miles per hour is equivalent to one mile in 1 minute and 30 seconds.
35 miles per hour is equivalent to one mile in 1 minute and 43 seconds.
30 miles per hour is equivalent to one mile in 2 minutes and 0 seconds.
25 miles per hour is equivalent to one mile in 2 minutes and 24 seconds.
20 miles per hour is equivalent to one mile in 3 minutes and 0 seconds.
15 miles per hour is equivalent to one mile in 4 minutes and 0 seconds.

COMPANY SURGEONS

DR. E. B. McDANIEL, Chief Surgeon, Electric Bldg, Portland
DR. J. A. DICKSON, Oculist, Oregonian Bldg., Portland
DR. S. M. MANN, Local Surgeon, Linnton
DR. A. P. McLAREN, Local Surgeon, Rainier
DR. J. A. FULTON, Local Surgeon, Astoria

Surgeons will attend when called upon officially, to all cases of accident occurring to employes 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

Intermediate Flag Stops not shown on face of card giving location and number of trains which will stop on flag.

Claremount Tavern.....1.0 mile East of Linnton	28, 29, 30, 31
Ban's Spur .....2.9 miles East of Holbrook	28, 29, 30, 31
Burlington .....1.0 mile East of Holbrook	28, 29, 30, 31
Rocky Point.....2.0 miles West of Holbrook	28, 29, 30, 31
Johnson's Crossing... 2.5 miles East of Scappoose	28, 29, 30, 31
Honeyman's.....1.0 mile West of Scappoose	21, 28, 29, 30, 31
Tide Creek .....1.5 miles East of Charlton	28, 29, 30, 31
Nehalem Junction ....1.0 mile East of Goble	21, 28, 29, 30, 31
Prescott.....3.0 miles East of Rainier	21, 22, 28, 29, 30, 31
Oasis.....2.0 miles East of Rainier	28, 29, 30, 31
Rinearsons .....2.0 miles East of Pyramid	20, 21, 22, 25
Downings ..... .5 mile East of Pyramid	20, 25
Wood's Landing .....2.0 miles East of Westport	20, 21, 22, 25
Ross' Landing.....1.0 mile East of Westport	20, 21, 22, 25
Wauna.....4.5 miles East of Clifton	20, 21, 22, 25
Bngby .....3.5 miles East of Clifton	20, 21, 22, 25
Parsons.....1.5 miles East of Clifton	20, 21, 22, 25
Aldrich Point .....3.0 miles West of Clifton	20, 21, 22, 25
Burnside Point.....1.0 mile West of Svenson	20, 21, 22, 25
Fernhill.....3.7 miles West of Svenson	20, 21, 22, 25
Tongue Point.....3.0 miles East of Astoria	20, 21, 22, 25
Alderbrook.....2.5 miles East of Astoria	20, 21, 22, 25
Merriweather.....4.5 miles West of Astoria	33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46