

SPOKANE, PORTLAND & SEATTLE R'Y CO.

PORTLAND DIVISION

TIME TABLE No. 58

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

SUNDAY, JUNE 7, 1914

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

E. B. HEATH, Trainmaster

J. McGUIRE, Assistant Superintendent

A. J. DAVIDSON, Superintendent

W. D. SCOTT, General Manager

SECOND CLASS		FIRST CLASS						Capacity of Side Tracks	Distance from Portland	Time Table No. 58		Distance from Astoria	Water, Ways, Turn Tables, P. and Scales.	STATIONS						82		
81		23	27	31	25	21	29			JUNE 7, 1914												
Freight		Passenger	Passenger	Passenger	Passenger	Passenger	Passenger			26	22			30	28	24	32	Freight				
Daily Ex. Sunday		Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily	Daily	Daily	MONDAY ONLY	Daily	Daily	Daily	Daily Ex. Sunday								
L 5.30 AM		L 6.30 PM	L 5.35 PM	L 2.00 PM	L 12.50 PM	L 8.40 AM	L 8.30 AM	Yard	0.0	DN.....	PORTLAND.....	OW	99.8	W T F	A 9.15 AM	A 12.15 PM	A 12.30 PM	A 5.00 PM	A 9.50 PM	A 10.25 PM		A 3.30 PM
BETWEEN PORTLAND AND WILLBRIDGE TRAINS WILL BE GOVERNED BY TERMINALS DIVISION TIME TABLE AND SPECIAL RULES																						
6.00		6.46	5.51	2.16	1.06	8.58	8.46		4.5	DN.....	WILLBRIDGE.....	BA	95.3	J Y	8.58	11.59	12.14	4.44	9.34	10.09		3.00
6.15		6.51	5.57	2.21	1.12	9.04	8.52	37	7.3	D.....	LINTON.....	IN	92.5		8.52	11.52	12.09	4.37	9.28	10.04		2.48
6.40		6.59	6.06	2.29	1.24	9.15	9.00	35	12.5		HOLBROOK.....		87.3	W	8.37	11.42	12.01 PM	4.24	9.17	9.55		2.29
7.15		7.10	6.20	2.41	1.40	9.31	9.12	41	19.8	D.....	SCAPPOOSE.....	SQ	80.0	3 MI. W.	8.17	11.28	11.49	4.07	9.01	9.43		1.40
7.40		7.17	6.30	2.48	1.50	9.40	9.20	34	24.2		WARREN.....		76.6		8.07	11.18	11.42	3.57	8.52	9.36		1.05
8.00		7.22	6.37	2.54	1.57	9.46	9.25	46	27.1		SOUTH HOULTON.....		72.7		8.00	11.13	11.38	3.50	8.46	9.32		12.50
8.03		7.23	6.38	2.55	1.58	9.47	9.26	7	27.5	D.....	HOULTON.....	HU	72.3		7.59	11.12	11.37	3.49	8.45	9.31		12.48
8.20		7.28	6.47	3.02	2.05	9.55	9.32	55	31.2		MCBRIDE.....		68.6	W	7.49	11.05	11.32	3.40	8.37	9.24		12.30
8.35		7.32	6.52	3.06	2.10	10.01	9.37	10	33.2		DEER ISLAND.....		66.6		7.43	11.00	11.27	3.34	8.32	9.20		12.18
8.55		7.37	7.02	3.12	2.18	10.08	9.42	30	37.2		CHARLTON.....		62.6		7.35	10.52	11.21	3.25	8.24	9.14		12.02 PM
9.05		7.42	7.07	3.18	2.23	10.12	9.46	112	39.4	D.....	GOBLE.....	GB	60.4	T	7.30	10.48	11.17	3.18	8.19	9.11		11.50
9.35		7.57	7.25 PM	3.28	2.40 PM	10.28	9.58	16	45.8	D.....	RAINIER.....	RA	54.0	W R	7.10 AM	10.36	11.07	3.00 PM	8.06	9.00		11.20
29-32-21-30-82 9.45 11.05		8.03		3.30	22-81-82 10.33	81-82 10.00		59	46.8	F.....	WEST RAINIER.....		53.0	3 MI. E.		10.33	11.05	23 8.03	8.57			29-21-22-30-81 11.05 9.45
11.40		8.20		3.40	30 10.53	22 10.12		19	53.5		PYRAMID.....		46.3		10.12	10.53		7.46	8.47			9.00
11.52		8.25		3.44		10.59	10.16	15	55.9		MAYGER.....		43.9		10.04	10.48		7.41	8.43			8.45
12.08 PM		8.38		3.48		11.07	10.22	54	59.3		QUINCY.....		40.5	W	9.56	10.43		7.33	8.38			8.33
12.15		8.41		3.52		11.10	10.24	20	60.5		INGLIS.....		39.3		9.52	10.41		7.30	8.36			8.28
12.22		8.45		3.54		11.15	10.26	108	62.3	D.....	CLATSKANIE.....	CN	37.5		9.48	10.39		7.26	8.32			8.20
12.45		8.55		4.00		11.25	10.33	63	66.6		MARSHLAND.....		33.2		9.38	10.33		7.15	8.25			8.05
1.05		9.06		4.08		11.35	10.40	35	71.2		WESTPORT.....		28.6		9.28	10.23		7.04	8.17			7.50
1.15		9.11		4.12		11.40	10.43	18	73.6		WAUNA.....		26.3		9.22	10.19		6.58	8.13			7.40
1.40		9.24		4.20		11.52	10.52	52	78.7		CLIFTON.....		21.1	W	9.10	10.08		6.46	8.04			7.20
2.10		9.39		4.29		12.05 PM	11.02		84.9	D.....	BLIND SLOUGH.....	No Siding BS	14.9		8.55	9.56		6.32	7.54			6.56
2.20		9.43		4.32		12.10	11.05	37	86.6		KNAPPA.....		13.2		8.51	9.52		6.27	7.51			6.50
2.40		9.52		4.37		12.17	11.11	49	90.3		SVENSEN.....		9.5		8.42	9.45		6.12	7.44			6.35
3.05		10.05		4.45		12.30	11.20	40	95.4		JOHN DAY.....		4.4		8.30	9.35		6.05	7.35			6.20
A 3.30 PM		A 10.20 PM		A 5.00 PM		A 12.45 PM	A 11.35 AM	Yard	99.8	DN.....	ASTORIA.....	RO	0.0	RW T OF	L 8.15 AM	L 9.20 AM		L 5.50 PM	L 7.20 PM			L 6.00 AM
81		23	27	31	25	21	29								26	22	30	28	24	32		82
Daily Ex. Sunday		Daily	Daily	SATURDAY ONLY	Daily	Daily	Daily								Daily	Daily	MONDAY ONLY	Daily	Daily	Daily		Daily Ex. Sunday
10.00 10.0		3.50 26.3	1.50 25.4	3.00 33.3	1.50 25.4	4.05 24.4	3.05 33.0								2.05 21.8	4.00 24.8	3.10 31.5	2.00 22.9	4.00 24.8	3.05 33.0		9.30 10.5
Time Over District. Average Speed Per Hour.																						
EAST BOUND TRAINS ARE SUPERIOR TO WEST BOUND TRAINS OF THE SAME CLASS. EXCEPTION—No. 29 IS SUPERIOR TO No. 26 AND No. 22.																						
No. 21 will stop on flag at Linnton and Burlington to pick up passengers for points West. No. 22 will stop on flag at Linnton, and No. 24 will stop on flag at Burlington and Linnton to let off passengers from points West. No. 23 will approach Rainier under control, expecting to find No. 27 backing up to take siding.																						

WEST BOUND

SECOND DISTRICT—ASTORIA TO HOLLADAY

EAST BOUND

SECOND CLASS				FIRST CLASS								Capacity of Side Tracks	Distances from Portland	Time Table No. 58 JUNE 7, 1914		Distances from Holladay	Water, Wyes, Turn Tables, Fuel, and Scales	FIRST CLASS								SECOND CLASS			
45	43	41	83	23	31	39	21	37	29	35	33							34	22	30	36	38	40	24	32	84	42	44	46
Mixed	Mixed	Mixed	Mixed	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger							Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Mixed	Mixed	Mixed	Mixed
TURDAY ONLY	Daily	Daily	Daily Ex. Sun.	Daily	SATURDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily							Daily	Daily	Daily	MONDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily Ex. Sun.	Daily	Daily	SATURDAY ONLY
L 10.40PM	L 6.05PM	L 4.45PM	L 9.20AM	L 10.25PM	L 5.00PM	L 2.35PM	L 12.55PM	L 12.35PM	L 11.40AM	L 8.40AM	L 6.45AM	Yard	99.8	DN.....ASTORIA.....RO	19.3	WTOF	A 7.55AM	A 8.10AM	A 9.20AM	A 10.50AM	A 2.05PM	A 4.30PM	A 5.40PM	A 7.20PM	A 3.20PM	A 5.55PM	A 10.05PM	A 11.50PM	
f 10.55	f 6.20	f 5.00	f 9.37	f 10.40	5.15	f 2.50	f 1.10	f 12.50	11.55	f 8.55	f 7.00	104.2	.....SUNNYMEAD No Siding	14.9		f 7.40	7.55	9.05	f 10.35	f 1.50	f 4.15	5.25	7.05	f 3.02	f 5.40	f 9.50	f 11.35	
L 11.00PM	s 6.25	A 5.05PM	s 9.45	s 10.45	5.20	s 2.55	s 1.15	A 12.55PM	12.01PM	s 9.00	A 7.05AM	22	105.7	D.....WARRENTON.....WA	13.4	R Y	L 7.35AM	s 7.50	9.00	s 10.30	L 1.45PM	s 4.10	s 5.20	7.00	s 2.55	L 5.35PM	s 9.45	L 11.30PM	
	f 6.28		f 9.50	f 10.48	5.23	f 2.58	f 1.18		12.04	f 9.03		3	107.0	.....SKIPANON.....Spur	12.1		f 7.46	8.56	f 10.27		f 4.06	f 5.16	6.56	f 12.42		f 9.41		
	f 6.31		f 9.55	f 10.51	5.26	f 3.01	f 1.22		12.08	f 9.07		9	108.4	.....COLUMBIA BEACH Spur	10.7		f 7.43	f 8.53	f 10.23		f 4.03	f 5.12	6.53	f 12.39		f 9.38		
	f 6.34		f 10.00	f 10.54	5.30	f 3.04	f 1.26		12.12	f 9.10		109.8	.....GLENWOOD No Siding	9.3		f 7.40	8.49	f 10.20		f 4.00	f 5.08	6.50	f 12.31		f 9.35			
	f 6.36		f 10.05	f 10.56	5.32	f 3.06	f 1.28		12.14	f 9.12		2	110.6	.....CARNAHAN.....Spur	8.5		f 7.38	8.47	f 10.18		f 3.58	f 5.06	6.48	f 12.27		f 9.33		
	f 6.45		f 10.15	f 11.00	5.36	f 3.10	f 1.32		12.18	f 9.15		24	112.1	.....WEST.....	7.0		f 7.34	8.44	f 10.15		f 3.55	f 5.02	6.45	f 12.18		f 9.30		
	f 6.49		f 10.20	f 11.02	5.38	f 3.13	f 1.34		12.21	f 9.17		113.2	.....CLATSOP No Siding	5.9		f 7.32	8.42	f 10.12		f 3.52	f 5.00	6.43	f 12.01PM		f 9.27			
	f 6.52		f 10.24	f 11.05	5.41	f 3.16	f 1.37		12.24	f 9.20		114.5	.....BUTTERFIELD No Siding	4.6		f 7.29	8.39	f 10.09		f 3.49	f 4.57	6.40	f 11.53		f 9.24			
	s 6.55		s 10.32	s 11.09	s 5.45	s 3.19	s 1.41		s 12.26	s 9.23		14	115.7	D.....GEARHART.....GR	3.4		s 7.27	s 8.37	s 10.06		s 3.47	s 4.53	s 6.38	s 11.45		s 9.22			
	f 7.00		f 10.37	f 11.11	5.50	f 3.21	f 1.45		12.30	f 9.26		116.8	.....WAHANNAH No Siding	2.3		f 7.24	f 8.34	f 10.04		f 3.44	f 4.49	f 6.34	f 11.38		f 9.19			
	f 7.02		f 10.40	f 11.13	5.52	f 3.23	f 1.47		12.32	f 9.28		117.5	.....SURF No Siding	1.6		f 7.22	f 8.32	f 10.02		f 3.42	f 4.47	f 6.32	f 11.34		f 9.17			
	s 7.05		s 10.45	s 11.15	s 5.55	s 3.25	s 1.50		s 12.35	s 9.30		36	118.1	D.....SEASIDE.....SD	1.0	R W	f 7.20	s 8.30	s 10.00		s 3.40	s 4.45	s 6.30	s 11.30		s 9.15			
	A 7.15PM		A 11.00AM	A 11.20PM	A 6.05PM	A 3.30PM	A 1.55PM		A 12.40PM	A 9.35AM		25	119.1	.....HOLLADAY.....	0.0	Y	L 7.10AM	L 8.20AM	L 9.55AM		L 3.35PM	L 4.35PM	L 6.15PM	L 11.20AM		L 9.05PM		
45	43	41	83	23	31	39	21	37	29	35	33						34	22	30	36	38	40	24	32	84	42	44	46	
SATURDAY ONLY	Daily	Daily	Daily Ex. Sun.	Daily	SATURDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily						Daily	Daily	MONDAY ONLY	Daily	Daily	Daily	Daily	Daily	Daily Ex. Sun.	Daily	Daily	SATURDAY ONLY	
0.20 17.0	1.10 16.0	0.20 17.7	1.40 11.1	0.55 21.0	1.05 17.8	0.55 21.0	1.00 19.3	0.20 17.7	0.55 21.0	0.55 21.0	0.20 17.7			Time Over District. Average Speed Per Hour.			0.20 17.7	1.00 19.3	1.00 19.3	0.55 21.0	0.20 17.7	0.55 21.0	0.55 21.0	1.05 17.8	2.00 9.8	0.20 17.7	1.00 19.3	0.20 17.7	

FORT STEVENS BRANCH

SECOND CLASS			FIRST CLASS						Capacity of Side Tracks	Distances from Warrenton	Time Table No. 58		Distances from Fort Stevens	Water, Wyes Turn Tables and Scales	FIRST CLASS							SECOND CLASS		
45	41	85						37			33	JUNE 7, 1914			34	38						86	42	46
Mixed	Mixed	Mixed						Passenger			Passenger				Passenger	Passenger						Mixed	Mixed	Mixed
SATURDAY ONLY	Daily	Daily Ex. Sunday						Daily			Daily	STATIONS			Daily	Daily						Daily Ex. Sunday	Daily	SATURDAY ONLY
L 11.00PM	L 5.05PM	L 38 1.45PM						L 1.15PM	L 7.05AM	22	0.0	D.....WARRENTON.....WA	3.8	R Y	A 7.35AM	A 85 1.45PM					A 2.45PM	A 5.35PM	A 11.30PM	
f 11.05	f 5.10	f 1.50						f 1.20	f 7.10		1.7	.....FLAVEL.....	2.1		f 7.30	f 1.40					f 2.35	f 5.30	f 11.25
f 11.10	f 5.15	s 2.00						s 1.25	s 7.15	4	2.9	.....HAMMOND.....Spur	0.9		s 7.25	s 1.35					s 2.30	f 5.25	f 11.20
A 11.15PM	A 5.20PM	A 2.10PM						A 1.30PM	A 7.20AM	5	3.8	.....FORT STEVENS.....	0.0	Y	L 7.20AM	L 1.30PM					L 2.25PM	L 5.20PM	L 11.15PM
SATURDAY ONLY	Daily	Daily Ex. Sunday						Daily	Daily						Daily	Daily					Daily Ex. Sunday	Daily	SATURDAY ONLY	
0.15 15.2	0.15 15.2	0.25 9.05						0.15 15.02	0.15 15.2			Time Over District. Average Speed Per Hour.			0.15 15.2	0.15 15.2					0.20 11.2	0.15 15.2	6.5 15.2	

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

No. 33 is superior to No. 34.
No. 35 is superior to No. 36.
No. 37 is superior to No. 38.

No. 83 is superior to No. 84.
No. 85 is superior to No. 86.
No. 41 is superior to No. 42.
No. 45 is superior to No. 46.

GRADE CROSSINGS

P. & S.W. Ry. (Interlocking Plant)	.....3 Miles West of Scappoose
G. N. & P. Ry.	.....1.3 " East " Goble
Benson Logging Co.	.....2 " West " Clatskanie

OVERHEAD CROSSINGS

South Side Lumber Co.	.....3.9 Miles West of Holbrook
St. Helens Lumber Co.	.....0.5 " East " Houlton
Columbia & Nehalem River Ry.	.....1.5 " " Westport
Oregon Timber & Log Co.	.....1.4 " " Clifton
Crossett Western Lumber Co.	.....0.5 " West " Knappa

SPUR TRACKS BETWEEN STATIONS

Portland Gas & Coke Co.	.....Heads West, 1.2 Miles West of Willbridge
Orwood Spur	....." East, 1.0 " East " Linnton
West Oregon Lumber Spur	....." West, .9 " West " "
Harbor track	....." East, 2.9 " East " Holbrook
Honeyman's Siding	.....1.9 " West " Scappoose
Prescott Spur	....." East 2.5 " West " Goble
Rices Spur	....." West, 1.2 " " Rainier
Rinearson	....." West, 2.1 " East " Pyramid
Fluhrers Spur	....." East, .3 " East " Mayger
Wash. & Ore. Tim. Co. Spur	....." East, 2.9 " East " Westport

JUNCTIONS WITH LOGGING ROADS

P. & S. W. Ry.	.....Heads East, .2 Miles West of Scappoose
St. Helens Lumber Co.	....." West, .5 " East " Houlton
Columbia & N. V. Ry.	....." East, .1 " " McBride
Goble, Nehalem & Pacific Ry.	....." " 1.2 " " Goble
Benson Logging Co.	....." " .2 " West " Clatskanie
Colum. & Nehalem Riv. Ry.	....." " 1.0 " East " Westport
Oregon Timber & Log Co.	....." West, 1.5 " " Clifton
Crossett Western Lum. Co.	....." " 0.3 " West " Knappa

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
"	.....AL. W. FIELD
ASTORIA	.....J. 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. All Fort Stevens branch trains will register arriving and departing time at Fort Stevens by Card at Warrenton.

Trains 29, 30, 31 and 32 will register at Warrenton by card.

Bulletin stations: Portland and Astoria.

Draw Bridges are located: Clatskanie River, 0.2 miles West of Clatskanie; Blind Slough; John Day River, 5 miles East of Astoria; Young's Bay, 2.5 miles West of Astoria; Skipanon Creek, 0.1 miles East of Warrenton.

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 25, 26, 27 and 28.

Portland and Astoria are terminals for trains 81 and 82.

Portland and Holladay are terminals for trains 21, 22, 23, 24, 29, 30, 31 and 32.

Trains 29 and 31 will stop on flag at Warrenton and all station west to discharge passengers from points east of Astoria.

Train No. 37 will wait at Warrenton for connection with Train 21.

Train No. 45 will wait at Warrenton for connection with Train No. 23, unless otherwise instructed.

SPEED RESTRICTIONS

LOCALITY	SPEED
Young's Bay Drawbridge	.....10 Miles per Hour
Through Town of Linnton	.....20 " "
Through City of Rainier	.....8 " "
Around Tongue Pt. Curve, MP. 97.10" "
Through City of Astoria	.....10 " "
On Pacific Ave., Hammond	.....8 " "

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, Selling Bldg., Portland
DR. S. M. MANN, Local Surgeon, Linnton
DR. A. P. McLAREN, Local Surgeon, Rainier
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 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.

Claremont Tavern	.....1.0 mile East of Linnton	25, 26, 27, 28
Ban's Spur	.....2.9 miles East of Holbrook	25, 26, 27, 28
Burlington	.....1.0 mile East of Holbrook	25, 26, 27, 28
Rocky Point	.....2.0 miles West of Holbrook	25, 26, 27, 28
Johnson's Crossing	.....2.5 miles East of Scappoose	25, 26, 27, 28
Honeyman's	.....1.0 mile West of Scappoose	21, 25, 26, 27, 28
Tide Creek	.....1.5 miles East of Charlton	25, 26, 27, 28
Nehalem Junction	.....1.3 mile East of Goble	21, 25, 26, 27, 28
Prescott	.....3.0 miles East of Rainier	21, 24, 25, 26, 27, 28
Oasis	.....2.0 miles East of Rainier	25, 26, 27, 28
Rinearsons	.....2.0 miles East of Pyramid	21, 22, 23, 24
Downings	......5 mile East of Pyramid	22, 23
Palm	.....1.3 miles West of Clatskanie	21, 22, 23, 24
Woodson	.....2.0 miles East of Westport	21, 22, 23, 24
Kerry	.....1.0 mile East of Westport	21, 22, 23, 24
Bugby	.....3.5 miles East of Clifton	21, 22, 23, 24
Parsons	.....1.5 miles East of Clifton	21, 22, 23, 24
Aldrich Point	.....3.0 miles West of Clifton	21, 22, 23, 24
Burnside	.....1.0 mile West of Svenson	21, 22, 23, 24
Fernhill	.....3.7 miles West of Svenson	21, 22, 23, 24
Tongue Point	.....3.0 miles East of Astoria	21, 22, 23, 24
Alderbrook	.....2.5 miles East of Astoria	21, 22, 23, 24
Merriweather	.....4.5 miles West of Astoria	33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 83, 84
Allendale	.....1.0 miles W. of Carnaban	35, 36, 39, 40, 43, 44, 83, 84