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SPOKANE, PORTLAND & SEATTLE R'Y CO.

PORTLAND DIVISION

TIME TABLE No. 116

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

SUNDAY, FEBRUARY 28, 1932

SUPERSEDING TIME TABLE NO.115 AND ALL SUPPLEMENTS THERETO
THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY

FOURTH CLASS		3rd CLASS	SECOND CLASS			FIRST CLASS		Car Capacity		Distance from Portland	TIME TABLE No. 116 FEBRUARY 28, 1932			Distance from Seaside	Water, Wyes, Turn Tables, Fuel and Scales.	FIRST CLASS		SECOND CLASS			3rd CLASS	FOURTH CLASS	
295	293	61	205	203	201	23	21	Sidings	Other Tracks		STATIONS	22	24			202	204	206	62	294	296		
Local Freight	Local Freight	Mixed	Freight	Freight	Freight	Passenger	Passenger					Passenger	Passenger			Freight	Freight	Freight	Mixed	Local Freight	Local Freight		
Leave Tues. Thur. & Sat.	Leave Daily Ex. Sat.	Leave Daily Ex. Sunday	Leave Daily Ex. Sun.	Leave Daily Ex. Sun.	Leave Daily Ex. Sun.	Leave Daily	Leave Daily				Arrive Daily	Arrive Daily	Arr. Daily Ex. Monday	Ar. Daily Ex. Monday	Ar. Daily Ex. Monday	Arrive Daily Ex. Sunday	Arr. Daily Ex. Sunday	Arrive Tues. Thur. & Sat.					
	8.30PM	6.15AM	7.50PM	6.50PM	5.50PM	6.05PM	8.00AM	Yard		0.0	DN..... PORTLAND..... DI OW	118.0	WTCO	11.30AM	7.40PM	7.00AM	8.10AM	8.45AM	1.25PM	11.20PM			
BETWEEN PORTLAND AND WILLBRIDGE TRAINS WILL BE GOVERNED BY TERMINALS DIVISION TIME TABLE AND RULES																							
	8.50	²⁰² 6.35	8.35	²⁴ 7.35	6.35	6.19	8.14	Yard		4.5	DN..... WILLBRIDGE..... BA	113.5		11.16	²⁰³ 7.26	⁶¹ 6.35	7.45	8.30	1.05	11.00			
	9.06	6.45	8.46	7.47	6.46	6.25	²⁰⁶ 8.20	32	120	7.3	D..... LINNTON..... IN	110.7		11.10	7.20	6.25	7.35	²¹ 8.20	12.55	10.45			
	9.17	²⁹⁴ 6.55AM	8.54	7.55	6.58	6.30	8.25			10.0	..... UNITED JUNCTION.....	108.0		11.05	7.16	6.19	7.29	8.12	12.45PM	10.35		
	9.27		9.02	8.03	²⁴ 7.12	6.35	8.30	30	7	12.6	..... HOLBROOK.....	105.4	W 3 MI. W.	11.01	²⁰¹ 7.12	6.13	7.23	8.05		10.25		
	²⁹⁴ 9.55		9.22	8.23	7.33	6.47	8.43	36	24	19.9	D..... SCAPPOOSE..... SQ	98.1		10.48	7.02	5.53	7.03	7.47		²⁹³ 9.55			
	10.13		²⁹⁴ 9.33	8.35	7.45	²⁴ 6.55	8.50	29	5	24.3	..... WARREN.....	93.7		10.41	²³ 6.55	5.42	6.52	7.35		²⁰⁵ 9.33		
	10.25		9.42	8.44	7.54	7.01	8.55	53		27.1	..... CORMICK.....	90.9		10.37	6.49	5.34	6.44	7.28		9.13		
	10.28		9.43	8.45	7.55	7.03	8.57		12	27.6	D..... ST. HELENS..... H	90.4	W	10.36	6.48	5.33	6.43	7.27		9.10			
	10.44		9.53	²⁹⁴ 8.55	8.05	7.10	9.05	48	5	31.3	..... WATERVIEW.....	86.7		10.29	6.41	5.24	6.33	7.18		²⁰³ 8.55		
	10.52		9.58	9.01	8.11	7.13	9.09		10	33.2	..... DEER ISLAND.....	84.8		10.26	6.37	5.18	6.28	7.13		8.46		
	11.09		10.10	9.12	8.22	7.20	9.16	25		37.2	..... CHARLTON.....	80.8		10.20	6.30	5.08	6.18	7.02		8.35		
	11.19		10.16	9.18	²⁹⁴ 8.28	7.24	9.20	25	79	39.4	..... GOBLE.....	78.6		10.16	6.25	5.02	6.12	6.57		²⁰¹ 8.28		
	11.45		10.32	9.34	8.45			15		45.3	..... REEDS.....	72.7	W 1.9 MI. E.			4.47	5.56	6.41		7.48		
	11.47		10.34	9.36	8.47	7.35	9.34		11	45.8	D..... RAINIER..... RA	72.2		10.05	6.14	4.45	5.54	6.40		7.45			
	11.50		10.37	9.39	8.50	²⁹⁴ 7.37	9.36	55		46.8	..... AVON.....	71.2		10.03	6.12	4.42	5.51	6.37		²³ 7.37		
	12.20AM		10.55	9.57	9.08	7.51	²² 9.50	16		53.5	..... PYRAMID.....	64.5		²¹ 9.50	6.00	4.24	5.34	6.20		7.05		
	12.30		11.01	10.04	9.15	7.56	9.55	55	14	55.8	..... MAYGER.....	62.2		9.43	5.56	4.17	5.27	6.14		6.53		
	12.47		11.11	10.14	9.24	8.03	10.04	31	12	59.3	..... QUINCY.....	58.7	W	9.35	5.49	4.08	5.18	6.05		6.37		
	1.01		11.20	10.22	9.32	8.09	10.10	49	75	62.2	DN..... CLATSKANIE..... CN	55.8		9.28	5.43	4.01	5.10	5.58		6.23			
	1.21		11.32	10.34	9.44	8.18	10.19	55	10	66.6	..... MARSHLAND.....	51.4		9.17	5.33	3.49	4.59	5.47		6.03		
	1.36		11.41	10.43	9.53	8.24	10.25		20	69.8	..... KERRY.....	48.2		9.10	5.27	3.41	4.51	5.38		5.49		
	1.43		11.45	10.47	9.57	8.27	10.29	30	50	71.2	..... WESTPORT.....	46.8		9.07	5.23	3.37	4.47	5.34		5.43		
	1.54		11.51	10.53	10.03	8.33	10.34		54	73.5	..... WAUNA.....	44.5		9.02	5.18	3.30	4.40	5.28		5.33		
	2.16		12.07AM	11.07	10.17	8.43	10.45	45		78.4	..... CLIFTON.....	39.6	W	8.51	²⁹⁴ 5.08	3.17	4.27	5.15		²⁴ 5.08		
	²⁰² 2.55		12.32	11.30	10.40	9.00	11.04	24	5	86.5	..... KNAPPA.....	31.5		8.32	4.50	²⁰³ 2.55	4.05	4.54		4.30		
	3.13		12.43	11.41	10.50	9.07	11.12	42	3	90.2	..... SVENSEN.....	27.8		8.23	4.42	2.45	3.55	4.44		4.15		
	²⁰⁴ 3.40		1.00	11.55	11.05	9.18	11.23	35		95.4	..... JOHN DAY.....	22.6		8.12	4.32	2.30	²⁰³ 3.40	4.30		3.50		
	4.25AM	²⁰⁶ 4.10AM	²⁰² 1.20	²⁴ 12.15AM	²⁰⁵ 11.25	9.30	11.35	Yard		99.7	DN..... ASTORIA..... FD	18.3	WTOC	8.00	4.20	²⁰⁵ 2.10	3.20	²⁰³ 4.10	3.30PM	3.15PM			
	4.50		2.35AM	1.25AM	12.30AM	9.55	11.59		51	105.6	D..... WARRENTON..... WA	12.4	Y	7.35	3.55	1.40AM	2.55AM	3.30AM		2.50			
	4.59					10.01	12.06PM	35	33	108.3	..... CAMP CLATSOP.....	9.7		7.28	3.48					2.31		
	5.11					10.08	12.14	21		112.0	..... WEST.....	6.0		7.19	3.39					2.18		
	5.16					10.13	12.18	14		113.7	..... McGUIRE.....	4.3		7.15	3.34					2.13		
	5.23					10.17	12.22	13		115.7	D..... GEARHART..... GR	2.3		7.11	3.31					2.08			
	5.30AM					10.25PM	12.30PM	19	64	118.0	D..... SEASIDE..... SD	0.0	WY	7.05AM	3.25PM					2.00PM			
	1.05 16.9	7.40 13.0	0.40 15.0	5.55 17.8	5.55 17.8	6.00 17.6	4.20 27.2	4.30 26.2			Time Over District. Average Speed Per Hour.			4.25 26.7	4.15 27.8	5.20 19.8	5.15 20.1	5.15 20.1	0.21 20.9	7.50 12.8	1.15 14.6		

SPECIAL RULES—EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF SAME CLASS

SECOND CLASS			FIRST CLASS			Capacity of Trains	Distances from Warrenton	TIME TABLE No. 116 FEBRUARY 28, 1932			Distances from Fort Stevens	Water, Wyes, Turn Tables and Scales	FIRST CLASS			SECOND CLASS		
205	203	201						STATIONS						202	204	206		
Freight	Freight	Freight								Freight	Freight	Freight						
Lv. Daily Ex. Mon.	Lv. Daily Ex. Mon.	Lv. Daily Ex. Mon.								Arr. Daily Ex. Mon.	Arr. Daily Ex. Mon.	Arr. Daily Ex. Mon.						
2.35AM	1.25AM	12.30AM				51	0.0	D.....WARRENTON.....WA	3.8	Y				1.40AM	2.55AM	3.30AM		
								..... 1.8									
204 2.45	202 1.33	12.37				26	1.8	..... FLAVEL	2.0					203 1.33	205 2.45	3.20	
								..... 1.1									
							2.9	..... HAMMOND	0.9								
							0.9	..... 0.9									
2.55AM	1.45AM	12.50AM				Yard	3.8	N.....FORT STEVENS.....	0.0	Y				1.20AM	2.30AM	3.10AM		
Arr. Daily Ex. Mon.	Arr. Daily Ex. Mon.	Ar. Daily Ex. Mon.												Lv. Daily Ex. Mon.	Lv. Daily Ex. Mon.	Lv. Daily Ex. Mon.		
0.20 11.4	0.20 11.4	0.20 11.4												0.20 11.4	0.25 9.1	0.20 11.4		
Time Over District Average Speed Per Hour																		

SPECIAL RULES—Eastward Trains are superior to Westward Trains of the same class; Exceptions: Nos. 201, 203 and 205 are superior to Nos. 202, 204 and 206 between Warrenton and Fort Stevens.

SPECIAL RULES

No. 1. Special Rules supersede rules and regulations of Transportation Department.

REGISTERING STATIONS.

Portland, Astoria, Seaside.
United Junction for United Ry.'s trains only.
Trains taking down signals at Willbridge be governed by Rule 96.

STANDARD CLOCKS AND BULLETIN BOARDS.

Portland, Portland Roundhouse—(General Foreman's Office), Astoria and Seaside.

SPEED RESTRICTIONS.

Maximum speed for passenger trains at any point must not exceed 45 miles per hour, and freight trains must not exceed 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, 22 miles per hour.
On Pacific Ave., Hammond, 8 miles per hour.
Trains must not exceed time table schedule between Warrenton and Astoria.
Over bridge 110-7 first curve west of Carnahan, 15 miles per hour.
Locomotives backing up will not exceed twenty (20) miles per hour.
Passing telegraph offices where orders are to be received, fifteen (15) miles per hour.

GENERAL.

- No. 5. When an order is put out to a train at a station, directing it to meet an opposing train at that station and the order contains the clause ".....gets this order at meeting point" the train receiving the order at the meeting point will hold the main track and the other train must take the siding.
- No. 6. Rule 83-a will not apply at initial stations which are not telegraph stations, nor at telegraph stations except during office hours, or when an operator is on duty after office hours.
- No. 7. 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.
- No. 8. Sign reading "Impaired Clearance" placed upon switch stand at entrance of spur or siding indicates there are platforms or structures located alongside same which do not provide minimum horizontal clearance prescribed by Public Service Commission of Oregon. Employes will use care and avoid risk of injury while working on spurs or sidings protected with "Impaired Clearance" signs.
- No. 9. Derail 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.
- No. 10. Normal position of switch, United Junction, will be for S. P. & S. main track.

No. 11. 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. 12. No. 21 will stop on signal Saturdays only at bridge tender's house at John Day draw bridge.

No. 13. No. 22 will stop on signal at Assembly to pick up passengers for Portland.

No. 14. No. 23 will stop on flag at Linnton to pick up passengers for scheduled stops; at Assembly, Columbia City and Deer Island to discharge passengers from Portland; on signal at Fern Hill, John Day and Tongue Point to discharge passengers from Rainier and east, and at Skipanon, Allendale, Wahannah and Surf to discharge passengers only.

No. 15. No. 24 will stop on signal at John Day bridge tender's house on Saturdays only; at Columbia City to pick up passengers for Portland, and at points east of Rainier to let off passengers from Rainier and points west.

CLEARANCE TABLE.

	Height above Top of Rail.											
	1' Wide	2' Wide	3' Wide	4' Wide	5' Wide	6' Wide	7' Wide	8' Wide	9' Wide	10' Wide	10'6" Wide	11' Wide
Portland Division.	18'6"	18'0"	17'6"	17'0"	17'0"	16'6"	16'6"	16'0"	15'6"	15'0"	14'6"	14'0"

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

GRADE CROSSINGS

NAME	Miles from Portland
P. & S. W. Ry. (Interlocking Plant).....	20.3
Benson Timber Co. (Interlocking Plant).....	62.4

OVERHEAD CROSSINGS

NAME	Miles from Portland
Brix Logging Co.....	13.3
K-P Timber R. R.....	69.7
Bradley Woodard Lbr. Co.....	76.8
Big Creek Logging Co.....	87.0

JUNCTIONS

NAME	Miles from Portland	Switch at
Vancouver Division.....	4.5	
United Railways Co.....	10.0	
Brix Logging Co.....	13.4	West end
Portland & Southwestern Ry.....	20.1	East end
St. Helens Dock and Terminal Co.....	27.0	West end
Benson Timber Co.....	62.3	East end
K-P Timber R. R.....	69.8	West end
Bradley Woodard Lbr. Co.....	76.9	West end
Big Creek Logging Co.....	86.8	West end

LOCATION AND LENGTH OF TUNNELS

No.	LOCATION	Length
3	1.2 miles east of Mayger.....	175 feet

YARDS

Linnton yard limits extend from yard sign six hundred feet west of West Oregon Lumber Co. switch to yard sign one mile east of Linnton Depot.

Rainier yard limits extend from yard sign five hundred feet east of east switch Reeds to yard sign five hundred feet west of west passing track switch Avon.

Astoria yard limits extend from yard sign at Tongue Point to yard sign 2600 feet west of west switch at Warrenton on First Sub-Division and to yard sign at Ft. Stevens on Second Sub-Division.

Seaside yard limits extend from yard sign 500 feet east of East switch at Seaside to yard sign 900 feet west of wye switch Holladay.

WATCH INSPECTORS

A. L. HAMAN, Chief Time Inspector, St. Paul, Minn.	
W. H. SAXTON, 245 Washington Street.....	PORTLAND
DILLEN ROGERS, Killingsworth and Albina Ave.....	PORTLAND
E. M. YOUNG.....	RAINIER
SHULTZ & JACOBSEN.....	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-4	N-3	D-7
		150-151	152-158	153-155	159	D-5 55-56	50-54	370-352	160-162
Portland to Goble.....	.56	1325	1423	1364	1480	836	700	2000	1580
Goble to Portland.....	.52	1400	1507	1444	1564	900	712	2000	1650
Goble to Astoria.....	.31	1525	1650	1590	1690	1143	860	2100	1780
Astoria to Goble.....	.38	1500	1590	1525	1620	1100	810	2050	1720
Astoria to Flavel.....	.33	1525	1650	1590	1690	1143	860	2100	1780
Flavel to Astoria.....	.44	1480	1575	1512	1600	1084	810	2050	1625
Warrenton to Holladay..	1.22	742	800	766	831	470	378	994	935
Holladay to Warrenton..	.70	880	950	909	985	557	448	1180	1100

R. E. WHITE, Dispatcher	E. B. ARTHUR, Asst. Chief Disp.
L. H. JAMES, Dispatcher	E. M. HERRING, Asst. Chief Disp.
F. S. BARLOW, Dispatcher	R. C. SCOFFERN, Chief Disp.
L. S. NELSON, Dispatcher	E. B. HEATH, Trainmaster

COMPANY SURGEONS

DR. CHAS. C. NEWCASTLE, Chief Surgeon, } 318 Mayer Bldg., Portland.
 DR. WILMOT C. FOSTER, Asst. Surgeon, } Telephone Beacon 5070; if no
 answer call Beacon 3181.
 DR. DICKSON, COGHLAN, DAVIS & BROWNING, Oculists, Mayer Bldg., Port.
 DR. HARRY S. IRVINE, Local Surgeon, 915 Weatherly Bldg., Portland.
 DR. C. E. BROUS, Local Surgeon, Linnton, Oregon.
 DR. C. E. WADE, Local Surgeon, St. Helens, Ore.
 DR. W. W. BALL, Local Surgeon, Clatskanie, Ore.
 DR. J. L. WOODEN, Local Surgeon, Clatskanie, Oregon
 DR. V. S. GEARY, Local Surgeon, Westport.
 DR. J. A. FULTON, Local Surgeon, Astoria.
 DR. O. C. HAGMEIER, Assistant Local Surgeon, Astoria.
 DR. ARTHUR VAN DUSEN, Assistant Local Surgeon, Astoria.
 DR. O. C. HAGMEIER, 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.....	Astoria

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

First Sub-Division

NAME	Miles from Portland	Car Capacity	Switch at	Flag Stops for Trains
Portland, G & C Spur...	5.6	33	West end	Not Passenger Stop.
Jacobson Const'n Co....	5.8	8	East end	Not Passenger Stop.
Sunset Pac. Oil Co. Spurs	6.6	19	East end	
General Petroleum Spurs	6.7	32	East end	Not Passenger Stop.
Richfield Oil Co.....	6.8	10	East end	Not Passenger Stop.
Gunderson Spur.....	6.9	7	West end	Not Passenger Stop.
Geo. H. Gage, Inc. Spur	7.0	5	West end	Not Passenger Stop.
West Oregon L. Co.....	8.3	15	West end	Not Passenger Stop.
Harbor Track.....	9.8	61	East end	Not Passenger Stop.
Rafton.....	10.7			21-22.
Brix.....	13.4	4	West end	Not Passenger Stop.
Union Oil Co. Spur....	28.4	7	West end	Not Passenger Stop.
Standard Oil Co. Spur...	28.4	8	West end	Not Passenger Stop.
Texas Oil Co. Spur....	28.5	5	West end	Not Passenger Stop.
Assembly.....	29.4	31	West end	21-24.
Columbia City.....	30.0			21-22.
Murphy.....	32.6	4	East end	Not Passenger Stop.
Tide Creek.....	35.8			Not Passenger Stop.
Nehalem Junction.....	38.0	4	West end	21-22.
Shell Oil Co.....	38.9	2	East end	Not Passenger Stop.
Trojan.....	40.7	27	East end	Not Passenger Stop.
Prescott.....	42.2	17	East end	21-22-23-24.
Jacobson Reid Lumber Co.	44.8	10	East end	Not Passenger Stop.
Dubois & Kittering Spur	47.0	7	West end	Not Passenger Stop.
West Rainier.....	47.2			21-22-23-24.
Hickox Spur.....	47.3	14	East end	Not Passenger Stop.
Fluhrer's Spur.....	55.4	4	East end	Not Passenger Stop.
Lacoda.....	58.0			21-22-23-24.
Palm.....	63.6	6	East end	Not Passenger Stop.
Woodson.....	68.5			21-24.
Bradwood.....	76.8	15	Both ends	21-22-23-24.
Aldrich Point.....	81.7			21-24.
Brownsmead.....	83.3	2	East end	21-22-23-24.
Blind Slough.....	84.9			21-22-24.
Ivy.....	88.5			21-22-24.
Fernhill.....	94.0			21-22-24.
Tongue Point.....	96.9			21-22-24.
11th St., Astoria.....	100.3			21-22-23-24.
Sunnymead.....	104.0			21
Meriwether.....	104.2			21-22.
Skipanon.....	107.0			21-22.
Huston.....	109.7			21-22-24.
Carnahan.....	110.3	2	West end	21-22-23-24.
Allendale.....	111.4	3	West end	21-22-24.
Dellmoor.....	113.1	4	West end	21-22-23-24.
Neawanna.....	116.7	6	East end	21-22-24.
Surf.....	117.4			21-22-24.

Second Sub-Division

Warrenton Clay Spur...	106.3	65	West end
Point Adams Spur.....	108.3	6	East end