

SPEED TABLE

Time Per Mile		Miles Per Hour	Time Per Mile		Miles Per Hour
Minutes	Seconds		Minutes	Seconds	
0	45	80	1	12	50
0	46	78.3	1	15	48
0	47	76.6	1	20	45
0	48	75	1	25	42.3
0	49	73.5	1	30	40
0	50	72	1	40	36
0	51	70.6	1	45	34.3
0	52	69.2	1	50	32.7
0	53	67.9	2	..	30
0	54	66.6	2	10	27.6
0	55	65.4	2	15	26.6
0	56	64.2	2	20	25.7
0	57	63.1	2	30	24
0	58	62	2	40	22.5
0	59	61	2	45	21.8
1	..	60	2	50	21.2
1	1	59	3	..	20
1	2	58	3	9	19
1	3	57.1	3	20	18
1	4	56.2	3	31	17
1	5	55.3	3	45	16
1	6	54.5	4	..	15
1	7	53.7	5	..	12
1	8	52.9	6	..	10
1	9	52.1	7	30	8
1	10	51.4	10	..	6

NORTHERN PACIFIC RAILWAY COMPANY

**Tacoma
Division**

TIME TABLE 83A

To be used in conjunction with
Special Instructions Currently
in effect.

In Effect at 12:01 A. M. Pacific
Standard Time.

Sunday, October 25, 1964

For the Government of Employees only. The Company reserves the right to vary therefrom at pleasure. Be positive that you have the Current Time Table and the latest Special Instructions and destroy all previous numbers. Read carefully the Special Instructions and always carry a copy for reference and a copy of OPERATING RULES.

I. W. BREWER,
Superintendent.

N. M. LORENTZSEN,
General Manager.

E. S. ULYATT,
General Superintendent of
Transportation.

AUTHORIZED SURGEONS.

Dr. J. W. Gullikson, Chief Surgeon, Western District, Tacoma.
 Dr. E. R. Anderson, Associate Surgeon, Tacoma.
 Dr. C. W. May, Associate Surgeon, Tacoma.
 Dr. T. H. Skrinar, Associate Surgeon, Tacoma.
 Dr. C. I. Stevens, Associate Surgeon, Tacoma.

Location of Stretchers (S).

N. P. B. A. Hospital, Tacoma (S)	Auburn Yard Office (S)	
Tacoma, Wrecker Tool Car (S)	Auburn Station (S)	
Tacoma Round House (S)	Puyallup (S)	
Tacoma Moon Yard Office (S)	Enumelaw (S)	Lester (S)
Head-of-Bay Yard, Tacoma (S)	Easton (S)	Kanaskat (S)
King St. Station, Seattle (S)	Woodinville (S)	Olympia (S)
Yard Office, Seattle (S)		

First Aid Box located at Kanaskat

LOCAL SURGEONS.

N. P. B. A. Clinic, Second Floor, N. P. Freight House, Seattle.
 Hours—9:00 a. m. to 11:59 a. m. Daily, except Saturdays and Sundays.

Dr. A. A. Searle..... West Seattle	Dr. G. D. Wilde..... Auburn
Dr. F. L. Scheyer..... Seattle	Dr. G. G. Thomas..... Auburn
Dr. J. W. Finley..... Seattle	Dr. R. I. Shepard..... Auburn
Dr. A. Searle..... Seattle	Dr. C. H. Denzler..... Sumner
Dr. R. M. Levenson..... Seattle	Dr. T. H. Clark..... Sumner
Dr. D. J. Laviolette..... Renton	Dr. J. P. Duffy..... Sumner
Dr. D. G. Huber..... Arlington	Dr. C. M. Watkins..... Sumner
Dr. B. R. Burgoyne..... Arlington	Dr. C. J. Scheyer..... Puyallup (S)
Dr. N. W. Zook..... Arlington	Dr. L. F. Sulkosky..... Puyallup
Dr. L. J. Ferrell..... Everett	Dr. A. W. Johansson..... Puyallup
Dr. W. Burton Johnson..... Everett	Dr. Wm. Arthur..... Puyallup
Dr. F. L. Simmonds..... Sumas (S)	Dr. J. H. Grelle..... Portland
Dr. J. W. Tooley..... Issaquah	Dr. Allen L. Mundal..... Portland (S)
Dr. J. L. Whitaker..... Snoqualmie	Dr. Edward Taylor..... Centralia (S)
Dr. F. R. Sutherland..... Snoqualmie	Dr. P. S. Garnett..... Chehalis
Dr. Ralph H. Eddings..... Snoqualmie	Dr. W. J. Dugaw..... Toledo
Dr. Richard T. Anderson..... Snoqualmie	
Dr. E. C. McKibben..... Kirkland	
Dr. E. C. McKibben, Jr..... Kirkland	Dr. F. Davis..... Kelso
Dr. S. R. Boynton, Jr..... Bellingham (S)	Dr. Ransom L. Smith..... Longview
Dr. L. K. Englund..... Yakima	Dr. C. J. Hoffman..... Woodland
Dr. G. H. Parsons..... Yakima	Dr. G. H. Johnson..... Vancouver
Dr. R. M. Hill..... Ellensburg (S)	Dr. J. A. Wals..... Vancouver
Dr. W. W. Hicks..... Ellensburg	Dr. H. L. Skinner..... Battle Ground and Ridgefield
Dr. R. H. Welding..... Ellensburg	Dr. H. C. Watkins..... Hoquiam (S)
Dr. C. W. Olander..... Ellensburg	Dr. M. C. Lindel..... Montesano
Dr. A. J. Gnoee..... Ellensburg	Dr. R. E. Fredericksen..... Aberdeen
Dr. J. W. Devney..... Ellensburg	Dr. Wayne B. Carte..... Shelton
Dr. R. Vernie..... Ellensburg	Dr. B. N. Ootkin..... Dupont and Ft. Lewis
Dr. F. Rogalski..... Cle Elum (S)	Dr. H. A. Barner..... Bremerton (S)
	Dr. N. C. Riddle..... Darrington

SPECIALISTS.

Dr. R. C. Laughlin, Eye Specialist..... Seattle	Dr. P. B. Smith, Eye, Ear, Nose and Throat Specialist.... Tacoma
Dr. J. M. Shiach, Eye, Ear, Nose and Throat Specialist.... Seattle	Dr. W. H. Ludwig, Oculist..... Tacoma
Dr. Paul M. Osmun, Ear, Nose and Throat Specialist.... Seattle	Dr. Cyril V. Lundvick, Eye, Ear, Nose and Throat Specialist.... Tacoma
Dr. T. F. Carey, Eye, Ear, Nose and Throat Specialist.... Seattle	Dr. R. B. Truckey, Eye, Ear, Nose and Throat Specialist.... Tacoma
Dr. G. H. Drumheller, Eye, Ear, Nose and Throat Specialist.... Everett	Dr. R. T. Spangler, Nose and Throat Specialist.... Tacoma
Dr. R. P. Schefter, Eye, Ear, Nose and Throat Specialist.... Yakima	Dr. Canfield Beattie, Eye, Ear, Nose and Throat Specialist.... Portland

NOTE.

N. P. B. A. physicians and surgeons, when called upon, will attend to all cases of sickness and accident to employees, passengers and others. In a case of illness, or of injury unrelated to railway operation to other than N. P. B. A. members, surgeon should endeavor to collect a reasonable fee for service from person attended. If unable to collect, Chief Surgeon should be notified.

Where injuries, to other than N. P. B. A. members, are directly related to railway operation, charge for service should be sent to the General Claim Agent of the railway company.

In case of emergency, proper aid should be procured until arrival of local surgeon, when case must be placed in his hands.

Authorized Surgeons Union Pacific Railroad Co.

Dr. Kenneth C. Brown..... Portland.	Dr. P. A. Wagner..... Portland.
Dr. G. A. Peirson..... Portland.	Dr. H. M. Wiswall..... Vancouver.
Dr. J. M. Roberts..... Portland.	Dr. R. M. Galvin..... Centralia.
Dr. D. G. Duncan..... Portland.	Dr. G. F. Parke..... Centralia.
Dr. W. W. Hale..... Portland.	Dr. E. L. Calhoun..... Aberdeen.
Dr. E. C. Parkinson..... Portland.	Dr. R. D. Wright..... Tacoma.
Dr. J. P. Craven..... Portland.	Dr. A. J. Herrmann..... Tacoma.
Dr. P. A. Wagner..... Portland.	Dr. P. B. Smith..... Tacoma.
Dr. H. M. Wiswall..... Vancouver.	Dr. B. E. McConville..... Seattle.
Dr. R. M. Galvin..... Centralia.	Dr. L. F. Lundy..... Seattle.
Dr. G. F. Parke..... Centralia.	Dr. S. J. Wood..... Seattle.
Dr. E. L. Calhoun..... Aberdeen.	Dr. J. M. Shiach..... Seattle.
Dr. R. D. Wright..... Tacoma.	Dr. R. M. Hansen..... Portland.
Dr. A. J. Herrmann..... Tacoma.	Dr. M. H. Johnson..... Portland.
Dr. P. B. Smith..... Tacoma.	Dr. A. J. Kreft..... Portland.
Dr. B. E. McConville..... Seattle.	
Dr. L. F. Lundy..... Seattle.	
Dr. S. J. Wood..... Seattle.	
Dr. J. M. Shiach..... Seattle.	
Dr. R. M. Hansen..... Portland.	
Dr. M. H. Johnson..... Portland.	
Dr. A. J. Kreft..... Portland.	

Authorized Surgeons G. N. Ry. Co.

Dr. A. Ehrlich..... Tacoma.
Dr. Ross D. Wright..... Tacoma.
Dr. H. M. Wiswall..... Vancouver.
Dr. G. F. Parks..... Centralia.
Dr. I. W. Varley..... Everett.
Dr. F. K. Remington..... Seattle.
Dr. Chester A. Regan..... Seattle.
Dr. Roy F. West..... Seattle.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS		Distance from Yakima.	Time Table No. 83A		Distance from Auburn.	FIRST CLASS	
			25	1		October 25, 1964			26	2
			Passenger	Passenger		STATIONS			Passenger	Passenger
			Daily	Daily		Telegraph Office and Calls			Daily	Daily
KORT WXZ	1811	Yard	L 4.15 AM	L 2.35 AM	0.0	YA-KM... YAKIMA..... DN	139.4	As 5.45 PM	As 2.00 AM	
	1815	W95 E64	4.20	2.41	3.8	SD..... SELAH..... PD	135.6	5.35	1.47	
	1819	W115 E56	4.24	2.45	7.2	..... POMONA..... P	132.2	5.30	1.43
	1822	86	4.29	2.51	11.3	..... HILLSIDE..... P	128.1	5.24	1.37
	1827	90	4.36	2.58	15.5	..... ROZA..... P	123.9	5.16	1.29
	1832	120	4.42	3.04	20.1	..... WYMER..... P	119.3	5.09	1.22
	1836	89	4.49	3.11	24.2	..... UMTANUM..... P	115.2	5.02	1.15
	1843	W89 E70	4.59	3.21	31.8	..... THRALL..... P	107.6	4.51	1.04
WXY	1848	W83 E112	s 5.08	s 3.27	36.6	EB..... ELLENSBURG..... DN	102.8	s 4.41	s 12.51	
	1855	W89 E64	5.21	3.40	44.2	..... THORP..... P	95.2	4.33	12.43
	1862	64	5.31	3.50	51.1	..... KOUNTZE..... P	88.3	4.23	12.33
	1865	117	5.34	3.53	53.8	..... BRISTOL..... P	85.6	4.20	12.30
	1869	72	5.39	3.57	57.6	..... TEANAWAY..... P	81.8	4.16	12.26
WY ZX	1873	W116 E51	5.43	s 4.04	61.5	CL..... CLE ELUM..... DN	77.9	4.12	s 12.21	
	1880	117	5.49	4.11	67.4	..... NELSON..... P	72.0	4.05	12.12
KR WXY	1886	102	5.56	f 4.20	74.1	EA..... EASTON..... DN	65.3	3.59	f 12.05 AM	
	1890		6.04	4.29	78.1	..... UPHAM..... P	61.3	3.50	11.56 PM
	1894	W29	6.13	4.39	82.5	..... MARTIN..... P	56.9	3.41	11.47
W	1897	E56	6.20	4.46	85.7	..... STAMPEDE..... P	53.7	3.34	11.40
	1904		6.30	4.56	90.7	..... KENNEDY..... P	48.7	3.24	11.30
RWTX	1911	Yard	6.40	s 5.10	95.7	DM..... LESTER..... DN	43.7	3.13	s 11.19	
	1917	117	6.50	5.21	102.9	..... MAYWOOD..... P	36.5	3.01	11.06
	1921	52	6.56	5.27	106.8	..... HUMPHREY..... P	32.6	2.53	11.00
	1925	123	7.02	5.32	110.4	..... EAGLE GORGE..... P	29.0	2.48	10.55
YX	1932		7.12	5.43	117.1	..... PALMER JCT..... P	22.3	2.36	10.44
YZX	A1	122	7.14	5.45	118.3	GV..... KANASKAT..... DN	21.1	2.34	10.42	
	A7	119	7.21	5.52	124.2	..... RAVENSDALE..... P	15.2	2.25	10.33
	A14	118	7.29	6.00	131.1	..... COVINGTON..... P	8.3	2.17	10.24
X	A22	89	s 7.41	s 6.15	138.5	..... EAST AUBURN..... P	0.9	s 1.59	s 9.59
KORT WXYZ	CF9	Yard	A 7.53 AM	A 6.43 AM	139.4	AU-AY..... AUBURN..... DN	0.0	L 1.56 PM	L 9.56 PM	
			8.25	8.38				3.40	8.42	
			40.8	38.4				88.0	87.7	
						Time Over Subdivision				
						Average Speed Per Hour				

EXCEPT ON DOUBLE TRACK, CTC, OR RULE 261 TERRITORY, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

AT CLE ELUM—TIME OF FIRST CLASS TRAINS APPLIES AT PASSENGER STATION.

No. 1 stops on flag at Maywood for revenue passengers on Saturdays.
No. 2 stops on flag at Maywood for revenue passengers on Sundays.

No. 1 and No. 2 will stop on flag at Kanaskat and Martin for revenue passengers only.

No. 1 stops on flag at Easton for express.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS					Distance from Tacoma.	Time Table No. 83A		Distance from Seattle.	FIRST CLASS				
			407	459	457	25	1		October 25, 1964			460	408	26	458	2
			Passenger	Passenger	Passenger	Passenger	Passenger		STATIONS			Passenger	Passenger	Passenger	Passenger	Passenger
			Daily	Daily	Daily	Daily	Daily		Telegraph Offices and Calls			Daily	Daily	Daily	Daily	Daily
KTW OXZ	1976	Yard						0.0	Q-WR... TACOMA..... DN	40.4						
X								0.3	..... 15th ST.....	40.1						
RX									NX..... U. P. JCT..... DN							
RX	1972							2.2	(Draw Bridge Line) RN..... RESERVATION..... DN	38.2						
KTW OXZ	1976	Yard	L 8.18 PM	L 4.33 PM	L 12.35 PM			0.0	Q-WR... TACOMA..... DN	40.1	As 8.57 AM	As 1.07 PM			As 5.57 PM	
RX	1972		8.22	4.37	A 12.39 PM			1.9	(Head of Bay Line) RN... RESERVATION... DN	38.2	8.52	1.02			L 5.52 PM	
X	1967	W107 E46	8.30	4.45				8.2	PY... PUYALLUP... PDN	31.9	8.44	12.54				
XY	1966							9.6	..... MEEKER..... P	30.5						
X		CF2	8.34	4.49				11.2	SN... SUMNER... PD	28.9	8.40	12.50				
		CF4	8.37	4.52		See Page 3	See Page 3	13.7	..... DIERINGER.....	26.4			See Page 3		See Page 3	
KRTO WXYZ	CF9	Yard	8.44	4.59		L 7.53 AM	L 6.43 AM	18.6	..... MEEKER..... P	21.5	8.32	12.42	A 1.56 PM		A 9.56 PM	
	CF11	S4						20.5	..... MEEKER..... P	19.6						
	CF13	S7						21.9	..... MEEKER..... P	18.2						
X	CF15	53	8.50	5.05		8.00	6.51	23.8	..... MEEKER..... P	16.3	8.26	12.36	1.50		9.50	
	CF19							27.9	..... MEEKER..... P	12.2						
Y	CF21	18	8.56	5.11		8.07	6.58	29.4	..... MEEKER..... P	10.7	8.19	12.30	1.44		9.44	
X	CF27		9.05	5.20		8.16	7.08	36.9	..... MEEKER..... P	3.2	8.11	12.22	1.36		9.36	
								38.3	..... MEEKER..... P							
RWO KXYZ	CF31	Yard						39.3	..... MEEKER..... P							
TWX YOKR			A 9.15 PM	A 5.30 PM		A 8.30 AM	A 7.20 AM	40.1	..... MEEKER..... P	0.0	L 8.05 AM	L 12.15 PM	L 1.30 PM		L 9.30 PM	
			.57	.57	.04	.37	.37		..... MEEKER..... P		.52	.52	.26	.05	.26	
			42.2	42.2	28.5	34.9	34.9		..... MEEKER..... P		46.2	46.2	49.6	22.8	49.6	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 407 stops on flag at Puyallup to discharge revenue passengers from Vancouver and beyond and receive revenue passengers for points beyond Seattle.

No. 460 stops at Kent, Auburn, Sumner and Puyallup to discharge passengers from points Spokane and east.

No. 459 stops at Auburn to discharge revenue passengers from Vancouver and beyond and receive revenue passengers for points beyond Seattle.

CROSSOVERS

First Subdivision

Easton, Kennedy, Lester.

Second Subdivision

Seattle, Middle Yard, Argo, Black River, Black River Interchange, Kent, Auburn, Sumner, Meeker, Puyallup, Reservation.

Third Subdivision

U. P. Jct., Tacoma, McCarver St., Titlow, Pioneer Pit, Cascade Paper Co., Steilacoom, Ketrone, Nisqually, Saint Clair, Kyro, East Olympia, Tenino Jct., Bucoda, Centralia, Chehalis, Chehalis Jct., Napavine, Winlock, Vader, Castle Rock, Ostrander, Rocky Point, Kelso, Longview Jct., Kalama, Woodland, Ridgefield, Vancouver Jct., Vancouver.

Fourth Subdivision

South Tacoma

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS			Distance from Portland.	Time Table No. 83A			Distance from Tacoma.	FIRST CLASS		
			407	459	457		October 25, 1964				460	408	458
			Passenger	Passenger	Passenger		STATIONS				Passenger	Passenger	Passenger
			Daily	Daily	Daily		Telegraph Offices and Calls				Daily	Daily	Daily
WOZT KR	2121	Yard	L 5.15 PM	L 1.30 PM	L 9.30 AM	0.0	VC.....	PORTLAND.....	DN	146.2	A 12.20 PM	A 4.15 PM	A 9.15 PM
WTOY	2119					2.0		LAKE YARD.....		144.2			

BETWEEN VANCOUVER AND PORTLAND TRAINS WILL BE GOVERNED BY SPOKANE, PORTLAND AND SEATTLE RAILWAY TIME TABLE AND RULES. TIME SHOWN AT PORTLAND FOR INFORMATION ONLY.

WR TOYX	CX29	Yard	Ls 5.34 PM	Ls 1.49 PM	Ls 9.51 AM	10.0	AUTOMATIC BLOCK		MX.....	VANCOUVER.....	DN	136.2	As 11.58 AM	As 3.53 PM	As 8.48 PM
	CX25		5.37	1.52	9.54	13.1			.....	VANCOUVER JCT.....	P	138.1	11.53	3.48	8.43
	CX15	W92 E73	5.48	2.03	10.05	24.3			RG.....	RIDGEFIELD.....	PD	121.9	11.41	3.36	8.31
	CX9	S26	5.53	2.08	10.10	29.7			WD.....	WOODLAND.....	PD	116.5	11.35	3.30	8.25
X	2081	W50 E68	6.02	2.17	10.19	38.9			KA.....	KALAMA.....	DN	107.3	f 11.25	3.20	8.15
XY	2074	Yard	6.08	2.23	10.25	46.1			JC.....	LONGVIEW JCT.....	PD	100.1	11.18	3.13	8.08
									To East Yard 2.0	To Kelso 2.9					
X	CV4	Yard				47.4			.....	EAST YARD.....		102.9			
KXR						49.0			VW.....	LONGVIEW.....	PD	104.5			
X	2071	E96	s 6.14	s 2.29	s 10.31	49.0			KS.....	KELSO.....	DN	97.2	s 11.14	s 3.09	s 8.04
X	2068	Yard				50.5			.....	ROCKY POINT.....	P	95.7			
	2066	S13	6.18	2.33	10.35	52.6			.....	OSTRANDER.....		93.8	11.08	3.03	7.57
	2060	W96 E84	6.24	f 2.39	10.41	58.9			CA.....	CASTLE ROCK.....	DN	87.3	f 11.02	2.57	7.51
		S26				65.8			.....	OLEQUA.....		80.4			
	2050	W93 E94	6.34	2.49	10.51	68.5			.....	VADER.....	P	77.7	10.49	2.47	7.41
X	2044	E56	6.41	2.56	10.58	74.9			WI.....	WINLOCK.....	PD	71.3	s 10.42	2.40	7.34
						78.0			.....	EVALINE.....		68.2			
	2038	W68 E96	6.48	3.03	11.05	81.2			NA.....	NAPAVINE.....	DN	65.0	10.30	2.33	7.27
YX	2032		6.54	3.09	11.11	87.5			.....	CHEHALIS JCT.....	P	58.7	10.22	2.25	7.19
RX	2031	W49	s 6.56	s 3.11	s 11.13	88.5			CH.....	CHEHALIS.....	PDN	57.7	s 10.21	s 2.24	s 7.18
WTZK RYOX	2027	W74 E71	s 7.06	s 3.21	s 11.23	92.2			.....	CHEHALIS.....		54.0	s 10.14	s 2.17	s 7.11
X	2025					94.4			CN.....	CENTRALIA.....	PDN	51.8			
	2020	W102	7.15	3.30	11.32	99.6			.....	WABASH.....		46.6	9.56	2.06	7.00
		W56 E57	7.19	3.34	11.36	102.8			.....	BUCODA.....	P	43.4	9.53	2.03	6.57
	2015		7.20	3.35	11.37	103.3			.....	TENINO JCT.....	P	42.9	9.52	2.02	6.56
X	CS35	W95	s 7.29	f 3.44	s 11.46	111.3			NO.....	TENINO.....	PD	34.9	s 9.43	s 1.53	s 6.47
	CS30	E95	7.34	3.50	11.51	116.4			.....	EAST OLYMPIA.....	P	29.8	9.36	1.46	6.37
	CS28		7.36	3.52	11.53	118.0			.....	KYRO.....	P	28.2	9.34	1.44	6.35
X	CS24	18	7.40	3.57	11.57 AM	121.8			.....	SAINT CLAIR.....	P	24.4	9.30	1.40	6.31
	CS18	E48	7.47	4.05	12.04 PM	128.6			NU.....	NISQUALLY.....	DN	17.6	9.23	1.33	6.24
	CS16	S12	7.49	4.07	12.06	130.6			.....	KETRON.....	P	15.6	9.21	1.31	6.22
	CS10	W86 E39	7.56	4.14	12.13	136.5			UO.....	STEILACOOM.....	PD	9.7	9.15	1.25	6.16
X	CS24		8.04	4.22	12.21	143.5			.....	TITLOW.....	P	2.7	9.08	1.16	6.09
RX			8.08	4.26	12.25	145.9			.....	McCARTHER ST.....	P	0.3	9.02	1.12	6.03
TZO KWX	1976	Yard	As 8.10 PM	As 4.29 PM	As 12.27 PM	146.2			NX.....	U. P. JCT.....	DN	0.0	L 9.01 AM	L 1.11 PM	L 6.02 PM
			2.36	2.40	2.36				Q-WR.....	TACOMA.....	DN				
			52.4	51.0	52.4										
										Time Over Subdivision			2.57	2.42	2.46
										Average Speed Per Hour			46.2	50.4	49.2

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 459 stops on flag at Winlock to receive passengers for Tacoma and Seattle and discharge passengers from Vancouver and beyond and to receive and discharge express.

No. 458 stops on flag at Winlock to receive revenue passengers for Vancouver and beyond and discharge revenue passengers from Tacoma and beyond and to receive and discharge express.

FOURTH SUB-DIVISION

(PRAIRIE LINE)

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Tenino Jct.	Time Table No. 83A		Distance from Moon Yard
				October 25, 1964		
STATIONS						
Telegraph Offices and Calls						
X		W89 E57	0.0	.....	TENINO JCT..... P	39.2
X	2015	23	0.2	0.2	..... WEST TENINO.....	39.0
	2007	W56 E48	9.1	8.9	..... RAINIER..... P	30.1
	2002	47	14.5	5.4	..... YELM..... P	24.7
	1996	46	20.0	5.5	..... ROY..... P	19.2
	1990	37	25.9	5.9	..... HILLHURST.....	13.3
Y	1988	Conn.	27.6	1.7	..... MOBASE..... P	11.6
	1987	Conn.	29.5	1.9	..... McCHORD FIELD..... P	9.7
X	1985	28	31.2	1.7	VA..... LAKEVIEW..... PD	8.0
ZTX	1981	Yard	34.6	3.4	SU... SOUTH TACOMA... PD	4.6
X			39.0	4.4	..... 15TH ST.....	0.2
RX				0.1	NX..... U. P. JCT..... D	
TO WXZ	1976	Yard	39.2	0.1	..... MOON YARD..... P	0.0

EXCEPT ON DOUBLE TRACK EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

SEVENTEENTH SUB-DIVISION

(AMERICAN LAKE LINE)

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Nisqually.	Time Table No. 83A		Distance from Lakeview.
				October 25, 1964		
STATIONS						
Telegraph Offices and Calls						
RX	CS24	7	0.0	NU.....	NISQUALLY..... DN	11.7
YX	CK7	Yard	3.9	D.....	FORT LEWIS..... PD	7.8
	CK5 1/2	27	6.4	.....	STONE.....	5.3
	CK5	26	7.0	.....	CAMP MURRAY..... P	4.7
	CK3	28	8.5	.....	TILlicUM.....	3.2
RX	1985	36	11.7	VA.....	LAKEVIEW..... PD	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

SEVENTH SUB-DIVISION

(BUCKLEY LINE AND WILKESON BRANCH)

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Kanaskat Jct.	Time Table No. 83A		Distance from Meeker.
				October 25, 1964		
STATIONS						
Telegraph Offices and Calls						
			0.0	.....	KANASKAT JCT.....	34.7
			2.1	2.1	..... PALMER.....	32.6
				To Bayne Jct. 1.1		
Y	1982		5.2	.....	PALMER JCT..... P	33.5
				To Bayne Jct. 2.0		
X			3.2	.....	BAYNE JCT.....	31.5
X	1934	S20	3.4	0.2	..... BAYNE.....	31.3
	1936		4.6	1.2	..... CUMBERLAND.....	30.1
	1937	15	5.1	0.5	..... NACO.....	29.6
	1939	S62	7.5	2.4	..... VEAZEY..... P	27.2
XYR	1942	38	10.9	3.4	CW..... ENUMCLAW..... PD	23.8
X	1945	37	14.3	3.4	..... BUCKLEY.....	20.4
				To Cascade Jct. 4.3		
	CBS	S83	27.1	4.1	..... CARBONADO.....	24.5
	CB5	44	22.9	4.1	..... WILKESON.....	20.4
				To Cascade Jct. 4.3		
X	1949		18.6	1.1	..... CASCADE JCT.....	16.1
X	1950	67	19.7	4.5	..... SOUTH PRAIRIE.....	15.0
	1955	27	24.2	2.7	..... CROCKER.....	10.5
XY	1958	43	26.9	7.8	..... ORTING.....	7.8
YX	1966		34.7	7.8	..... MEEKER..... P	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

EIGHTH SUB-DIVISION

(GREEN RIVER BRANCH)

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Bagley Jct.	Time Table No. 83A		Distance from Kanaskat.
				October 25, 1964		
STATIONS						
Telegraph Offices and Calls						
X			0.0	.....	BAGLEY JCT.....	6.1
X	CJ4	15	2.2	2.2	..... SELLECK.....	3.9
			5.1	2.9	..... KANASKAT JCT.....	1.0
YZX R	A1	125	6.1	1.0	GV..... KANASKAT..... DN	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

**TWENTY-FIRST SUB-DIVISION
(WILLAPA HARBOR LINE)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Chehalis Jct.	Time Table No. 83A October 25, 1964		Distance from South Bend.
STATIONS							
Telegraph Offices and Calls							
YX	2032			0.0	..... CHEHALIS JCT..... P		56.5
	CW 2			3.4	..... LITTELL.....		53.1
	CW 5	S9		4.7	..... ADNA.....		51.8
RX		Conn.		6.6	..... MILLBURN.....		49.9
	CW10	29		10.0	..... CERES.....		46.5
		S53		12.2	..... MESKILL PIT.....		44.3
X	CW16	88		16.3	..... DRYAD.....		40.2
X		Conn.		16.8	..... DRYAD JCT.....		39.7
X	CW22	55		22.3	PL..... PE ELL..... D		34.2
X	CW29	50		28.8	..... PLUVIUS..... P		27.7
	CW35	65		35.2	..... FRANCES.....		21.3
	CW38	6		37.9	..... LEBAM.....		18.6
	CW42	30		42.3	..... HOLCOMB.....		14.2
	CW46	7		46.5	..... MENLO.....		10.0
	CW50	11		50.5	..... WILLAPA.....		6.0
X	CW53	70		53.1	ND..... RAYMOND..... D		3.4
WYX R	CW57	66		56.5	..... SOUTH BEND.....		0.0

EASTWARD—South Bend to Chehalis Jct.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-FOURTH SUB-DIVISION
(NACHES AND TIETON BRANCHES)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 83A October 25, 1964		Distance from Naches.
STATIONS							
Telegraph Offices and Calls							
KRO WZTX	1811	Yard		0.0	YA-KM... YAKIMA..... DN		13.5
	KX3	9		2.7	..... FRUITVALE.....		10.8
X	KX4	18		4.2	..... BRACE.....		9.3
					To Weikel 4.9 To Glead 2.6		
	KL5	13		9.1	..... WEIKEL.....		14.2
	KL9	25		12.7	..... COWICHE.....		17.8
	KL10	84		13.3	..... HOLTZINGER.....		18.4
YX	KL12	50		15.8	..... TIETON.....		20.9
	KX6	53		6.8	..... GLEED.....		6.7
	KX8	10		8.0	..... ESCHBACH.....		5.5
	KX14	102		13.5	..... NACHES.....		0.0

EASTWARD—Naches to Yakima, and Tieton to Brace.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-SECOND SUB-DIVISION
(YACOLT BRANCH)**

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WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Rye.	Time Table No. 83A October 25, 1964		Distance from Vancouver Jct.
STATIONS							
Telegraph Offices and Calls							
VX	CY 4	64		0.0	..... RYE.....		3.6
	CX25			3.6	..... VANCOUVER JCT..... P		0.0

EASTWARD—
Vancouver Jct. to Rye.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-THIRD SUB-DIVISION
(MOXEE BRANCH)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 83A October 25, 1964		Distance from Moxee City.
STATIONS							
Telegraph Offices and Calls							
KRO WZTX	1811	Yard		0.0	YA-KM... YAKIMA..... DN		8.5
	KM3	7		3.1	..... TERRACE HEIGHTS.....		5.4
	KM5	9		5.5	..... BIRCHFIELD.....		3.0
	KM9	33		8.5	..... MOXEE CITY.....		0.0

EASTWARD—
Moxee City to Yakima.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

SIXTH SUB-DIVISION

WESTWARD

(ROSLYN BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Cle Elum.	Time Table No. 83A October 25, 1964		Distance from Ronald.
STATIONS							
Telegraph Offices and Calls							
R WYXZ	1873	Yard		0.0	CL..... CLE ELUM..... DN		5.4
	CA4			3.5	..... ROSLYN..... P		1.9
	CA6			5.4 RONALD.....		0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

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TENTH SUB-DIVISION

WESTWARD

(ORTING BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Lake Kapowain.	Time Table No. 83A		Distance from Orting.	EASTWARD—Orting to Lake Kapowain.
				October 25, 1964			
				STATIONS			
	CE10	75	0.0	..... LAKE KAPOWSIN.....		10.1	
	YX	1958	87	10.1	..... ORTING.....	0.0	
				Telegraph Offices and Calls			

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

ELEVENTH SUB-DIVISION

WESTWARD

(BELT LINE)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Black River.	Time Table No. 83A		Distance from Woodinville.	SECOND CLASS	
			675			October 25, 1964			676	
			Freight			STATIONS			Freight	
	RYX	CF21	18	L	7.05 AM	0.0	BI....BLACK RIVER..PDN	24.5	A	9.59 PM
	X	BA22	13		7.38	2.1	RT.....RENTON.....D	22.4		9.52
		BA19	33		7.47	6.2	.....QUENDALL.....	18.3		9.42
		BA12	22		7.59	11.8	.....WILBURTON.....	12.7		9.30
		BA11	57		8.01	12.7	.....BELLEVUE.....	11.8		9.28
		BA 7	54		8.11	17.0	KR....KIRKLAND....DN	7.5		9.20
	RYX	CF55	Yard	A	8.26 AM	24.5	CJ....WOODINVILLE...PD	0.0	L	9.06 PM
					1.21		Time Over Subdivision			.53
					18.1		Average Speed Per Hour			27.8

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

TWELFTH SUB-DIVISION

WESTWARD

(SNOQUALMIE BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Woodinville.	Time Table No. 83A		Distance from North Bend.	EASTWARD—North Bend to Woodinville.
				October 25, 1964			
				STATIONS			
	RXY	CF55	Yard	0.0	CJ.....WOODINVILLE....PD	35.7	
		BC 7	20	6.5	.....REDMOND.....D	29.2	
		BC15	48	14.6	.....MONOHON.....	21.1	
	X	BC19	19	18.6	.....ISSAQUAH.....	17.1	
		BC26	28	25.3	.....PRESTON.....	10.4	
		BC29	S2	28.8	.....FALL CITY.....	6.9	
	X	BC32	S4	31.8	.....SNOQUALMIE FALLS....	3.9	
	X	BC33	24	32.7	.....SNOQUALMIE.....D	3.0	
	XY	BC36	21	35.7	.....NORTH BEND.....	0.0	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

THIRTEENTH SUB-DIVISION

WESTWARD

(HARTFORD LINE)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Bromart.	Time Table No. 83A		Distance from Edgcomb.	SECOND CLASS	
			675			October 25, 1964			676	
			Freight			STATIONS			Freight	
	RX	CF68	S6	L	9.00 AM	0.0	.....BROMART.....	19.9	A	8.35 PM
	WYX	CF69	Yard		9.05	1.1	OM....SNOHOMISH...PD	18.8		8.30
		CF74	43		9.14	6.3	.....MACHIAS.....	13.6		8.22
		CF77	Yard		9.20	9.4	.....HARTFORD.....P	10.5		8.16
		CF82	55		9.30	13.9	.....GETCHELL.....P	6.0		8.07
	RX	CF88	52	A	9.42 AM	19.9	.....EDGEComb.....P	0.0	L	7.53 PM
					.42		Time Over Subdivision			.42
					28.4		Average Speed Per Hour			28.4

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS, EXCEPT NO. 675 IS SUPERIOR TO NO. 676.

FOURTEENTH SUB-DIVISION

WESTWARD

(DARRINGTON BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Arlington Jct.	Time Table No. 83A		Distance from Darrington.	EASTWARD—Darrington to Arlington Jct.
				October 25, 1964			
				STATIONS			
	X	CF92		0.0	.....ARLINGTON JCT.....P	27.7	
		BK11	50	11.1	.....OSO.....	16.6	
		BK17	30	16.9	.....HAZEL.....	10.8	
		BK19	26	18.0	.....TULKER.....	9.7	
		BK21	S12	20.6	.....FORTSON.....	7.1	
	RYX	BK28	Yard	27.7	.....DARRINGTON.....D	0.0	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

FIFTEENTH SUB-DIVISION

WESTWARD

(BELLINGHAM BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Wickersham.	Time Table No. 83A		Distance from Bellingham.
				October 25, 1964		
				STATIONS		
	RYX	CF12S	Yard	0.0	.....WICKERSHAM.....P	20.4
		BM1	28	1.5	.....MIRROR LAKE.....	18.9
		BM4	16	4.1	.....PARK.....	16.3
		BM11	31	11.7	.....AGATE BAY.....	8.7
		BM16	31	16.3	.....LARSON.....	4.1
	KR WYXZ	BM20	Yard	20.4	WD....BELLINGHAM....PD	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

WESTWARD

FIFTH SUB-DIVISION

(SUMAS BRANCH)

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EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS	FIRST CLASS		Distance from King St. Station, Seattle.	Time Table No. 83A October 25, 1964	Distance from Sumas.	FIRST CLASS		SECOND CLASS
			675	601	581				572	592	676
			Freight	Passenger	Passenger				G.N. 357	G.N. 359	Freight
			*Daily	Daily	Daily				Passenger	Passenger	Daily
TW XYO KR	CF31	Yard				0.0	UD..... SEATTLE..... DN King St. Station—South Portal 1.5 Double Track	128.0			

BETWEEN SOUTH PORTAL AND NORTH PORTAL INTERLOCKING RULES AND KING STREET PASSENGER STATION TUNNEL RULES GOVERN

						1.5	J..... NORTH PORTAL... DN	126.5			
X	CF35	Yard				2.5	INTERBAY..... P	124.0			
XY	CF37	36				2.9	FREMONT.....	121.1			
X	CF39					1.8	UNIVERSITY..... P	119.8			
	CF40					7.1	LAKE.....	112.2			
	CF53	816				6.8	B..... BOTHELL..... PD	105.4			
RYX	CF55	Yard	L 8.26 AM			1.6	CJ..... WOODVILLE... PD	103.8			A 9.06 PM
X	CF60	58 58	8.46			6.0	MALTBY.....	97.8			8.53
RX	CF68	8 6	A 9.00 AM			7.4	BROMART.....	90.4			L 8.35 PM
		59				0.5	SH..... G. N.-SNOHOMISH... D	89.9			
						5.8					

BETWEEN G. N. SNOHOMISH AND LOWELL TRAINS WILL BE GOVERNED BY GREAT NORTHERN RY. TIME TABLE AND RULES.

X	BB6	71				43.9	..... LOWELL.....	84.1			
RWX YZ	BB8	Yard				0.2	..... BELT YARD.....	83.9			
X			L 3.42 PM	L 8.58 AM		1.3	EV..... EVERETT..... D	82.6			
X			A 3.46 PM	A 9.01 AM		0.1	..... SEALINE JCT.....	82.5	A 10.57 AM	A 3.35 PM	
X						1.2	..... G. N. JCT.....	81.3	L 10.54 AM	L 3.32 PM	
X		Old 81 New 82				0.6	..... MILWAUKEE JCT.....	80.7			VIA HART-FORD LINE 18th SUB.
X						0.8	..... ROGER.....	79.9			
X						0.4	WY..... DELTA JCT..... DN	79.5			
						6.0					

BETWEEN DELTA JCT. AND KRUSE TRAINS WILL BE GOVERNED BY GREAT NORTHERN RY. TIME TABLE AND RULES.

						54.5	..... KRUSE.....	73.5			
RX	CF88	52	L 9.42 AM			3.8	..... EDGEComb..... P	69.7			A 7.53 PM
RWYX	CF91	Yard	10.04			3.1	A..... ARLINGTON... PDN	66.6			7.23
X	CF92		10.07			0.9	..... ARLINGTON JCT.... P	65.7			7.19
	CF95	66	10.12			2.9	..... BRYANT.....	62.8			7.13
	CF101	13	10.23			6.3	..... McMURRAY.....	56.5			7.01
	CF107	13	10.33			5.7	..... MONTBORNE..... P	50.8			6.49
	CF109	53	10.37			1.7	..... BIG LAKE.....	49.1			6.45
	CF114	16	10.47			5.4	..... CLEAR LAKE.....	43.7			6.33
WTX	CF117	Yard	10.56			3.2	WL..... SEDRO-WOOLLEY... PD	40.5			6.24
	CF122	36	11.10			7.3	..... THORNWOOD.....	33.2			6.11
RYX	CF128	Yard	11.18			4.5	..... WICKERSHAM..... P	28.7			6.01
	CF133	10	11.28			5.0	..... ACME.....	23.7			5.51
	CF141	31	11.44 AM			7.9	..... DEMING..... P	15.8			5.35
	CF151	12	12.03 PM			9.4	..... NOOKSACK.....	6.4			5.16
RWX YZ	CF157	Yard	A 12.20 PM			6.4	SM..... SUMAS..... PDN	0.0			L 5.00 PM
			3.12	.04	.03		Time Over Subdivision		.03	.08	3.24
			25.8	18.0	24.0		Average Speed Per Hour		24.0	24.0	24.4

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS, EXCEPT NO. 675 IS SUPERIOR TO NO. 676.

10 EIGHTEENTH SUB-DIVISION
WESTWARD (GATE LINE) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Centralia.	Time Table No. 83A		Distance from Gate.	SECOND CLASS	
			695			October 25, 1964			696	
			Freight	Daily Ex. Sun.		STATIONS			Freight	Daily Ex. Sun.
	RR WYZX	2027	L	1.00 AM	0.0	CN....CENTRALIA..PDN	13.8	A	7.35 PM	
	X			1.10	2.4	...BLAKESLEE JCT....	11.4		7.28	
	CK51	57		1.19	6.6	...GRAND MOUND.....	7.2		7.16	
	CK47	49		1.28	11.2	...ROCHESTER.....	2.6		7.03	
	YX CK44	75	A	1.35 AM	13.8	...GATE.....P	0.0	L	6.55 PM	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

SIXTEENTH SUB-DIVISION
WESTWARD (GRAYS HARBOR LINE) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from St. Clair.	Time Table No. 83A		Distance from Moellips.	SECOND CLASS	
			695			October 25, 1964			696	
			Freight	Daily Ex. Sun.		STATIONS			Freight	Daily Ex. Sun.
	X	CS28	44		0.0	...SAINT CLAIR.....P	100.5			
		CK18	16		3.1	...QUADLOK.....	97.4			
		CK20	30		4.5	...LACEY.....	96.0			
	ROYZX	CK25	Yard		9.5	OY....OLYMPIA.....PD	91.0			
		CK34	28		14.7	...BELMORE.....	85.8			
		CK37	29		21.3	...LITTLE ROCK.....P	79.2			
	YX	CK44	75	L	1.35 AM	...GATE.....P	71.9	A	6.55 PM	
		CM 5	55		1.44	...OAKVILLE.....P	67.0		6.40	
		CM13	12		1.59	...PORTER.....P	59.1		6.19	
	KXY	CM19	52		2.25	EF....ELMA.....DN	52.5		6.01	
		CM23	27		2.32	...SATOP.....	48.7		5.32	
	X	CM29	58		2.43	MO....MONTESANO.....PD	42.7		5.15	
	YX	CM37	Yard		3.00	...ABERDEEN JCT.....P	34.3		4.53	
	RZX	CM40	Yard		3.30	SA....ABERDEEN.....PDN	31.5		4.45	
	TWY KZXO	CM44	Yard	A	3.45 AM	HO....HOQUIAM.....PD	28.0	L	4.15 PM	
		CM56	85			...TULIPS.....	15.4			
		CM61	17			...COPALIS.....	12.2			
		CM63	43			...CARLISLE.....	9.0			
		CM64	27			...ONSLow.....	7.9			
		CM68	17			...ALOHA.....	4.2			
		CM69				...PACIFIC BEACH.....	2.5			
	YX	CM72	36			...MOCLIPS.....P	0.0			
					2.10	Time Over Subdivision			2.40	
					20.2	Average Speed Per Hour			16.4	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

DOUBLE TRACK BETWEEN ABERDEEN AND HOQUIAM RIVER DRAWBRIDGE.

NINETEENTH SUB-DIVISION
(ELMA BRANCH)
(U. S. GOVERNMENT RAILWAY)

WESTWARD EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Bangor.	Time Table No. 83A		Distance from Elma.
				October 25, 1964		
				STATIONS		
	KR XY	CH68	Yard	0.0	BG.....BANGOR.....PD	68.5
		CH65	49	3.4	...SILVERDALE.....P	65.1
	X	CH63	63	5.9	...N. A. D. JCT.....P	62.6
					To Bremerton Jct. 5.3	
	TXR	CH62	Yard	15.8	BM....BREMERTON.....PD	61.9
					To Bremerton Jct. 4.6	
		CH57	64	11.2	...BREMERTON JCT.....P	57.3
		CH54	59	14.3	...BELFAIR.....P	54.2
		CH41	59	26.9	...ALLYN.....P	41.6
		CH28	Yard	39.9	...BAY SHORE.....P	28.6
	RX	CH25	Yard	43.4	NS....SHELTON.....PD	25.1
		CH15	55	54.1	...MARMAC.....P	14.4
		CH10	23	58.4	...STIMSON.....P	10.1
					To McCleary Jct. 2.6	
		CH 8	S15	61.0	...McCLEARY.....	8.2
					To McCleary Jct. 0.7	
	XY	CH 7	14	61.7	...McCLEARY JCT.....P	7.5
		CH 4	86	64.5	...WHITES.....	4.9
	YX KR	CM19	77	68.5	EF....ELMA.....DN	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

The line between Shelton-Bangor-Bremerton is owned by the United States Government and its maintenance and operation by the Northern Pacific is covered by contract with the Government.

TWENTIETH SUB-DIVISION
WESTWARD (COSTA BRANCH) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Aberdeen.	Time Table No. 83A		Distance from Markham.
				October 25, 1964		
				STATIONS		
	YX	CM37	Yard	0.0	SA....ABERDEEN.....PDN	10.7
					To South Aberdeen Jct. 0.6	
Between Aberdeen and South Aberdeen Jct., Trains Will be Governed by Union Pacific Time Table and Rules.						
	X	CG 2	30	2.3	...COSMOPOLIS.....	12.4
	X			0.6	...SOUTH ABERDEEN JCT....	10.1
	X	CR 3	50	1.2	...SOUTH ABERDEEN.....	9.5
	X	CR13	10	10.7	...MARKHAM.....	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

EASTWARD—Markham to Cosmopolis.
 Elma to Bangor, McCleary Jct. to McCleary, and Bremerton Jct. to Bremerton.

COMMERCIAL SPURS.

FIRST SUBDIVISION	Miles from Yakima	Car Capacity
Holmes.....	34.1	41
Cabin Creek.....	76.6	Conn.
Lemolo.....	113.2	17
Henrys.....	124.8	Conn.

SECOND SUBDIVISION	Miles from Seattle	Car Capacity
Rhodes.....	6.8	40
Wieser.....	13.0	40
Pioneer Sand.....	14.7	13

THIRD SUBDIVISION	Miles from Tacoma	Car Capacity
Pioneer.....	13.2	60
Gravel Center.....	13.6	30
Cascade Paper (West Tacoma).....	14.4	16
Millman Lumber Co.....	73.1	5
North Pacific Grain Growers.....	108.8	38

FOURTH SUBDIVISION	Miles from Tacoma	Car Capacity
Weston.....	6.6	26
Hull Hardwood.....	7.8	2
Metreco.....	10.9	25
Spanaway.....	12.3	Conn.
Wetico.....	31.9	10

FIFTH SUBDIVISION	Miles from King St. Station	Car Capacity
Keith.....	12.2	13
Navalair Jct.....	13.6	Conn.
Lake Forest Park.....	18.6	2
Kenmore.....	19.4	22
Lawrence.....	116.4	6

SEVENTH SUBDIVISION	Miles from Palmer Jct.	Car Capacity
Brew Mill.....	33.7	Conn.

ELEVENTH SUBDIVISION	Miles from Black River	Car Capacity
Scopa.....	4.7	104

TWELFTH SUBDIVISION	Miles from Woodinville	Car Capacity
Earlmont.....	4.5	8
Tanner.....	37.9	9

FOURTEENTH SUBDIVISION	Miles from Arlington Jct.	Car Capacity
Germain.....	9.9	2
Andron.....	26.7	Conn.

SIXTEENTH SUBDIVISION	Miles from St. Clair	Car Capacity
Ohm.....	13.9	20

SEVENTEENTH SUBDIVISION	Miles from Lakeview	Car Capacity
Wegoe.....	6.4	Wye

NINETEENTH SUBDIVISION	Miles from Elma	Car Capacity
Doubling.....	20.3	12
Burken Pro Gas.....	21.4	3
Olympia Plywood.....	24.1	10
Reed Shingle.....	24.3	6
Hunt Fuel.....	61.0	2
Pro-Gas.....	62.2	4
Wesco.....	58.9	5

TWENTY-SECOND SUBDIVISION	Miles from Vancouver Jct.	Car Capacity
Ampere.....	2.5	20

TWENTY-THIRD SUBDIVISION	Miles from Yakima	Car Capacity
National Can.....	2.6	9
Valley Junk.....	3.7	3

TWENTY-FOURTH SUBDIVISION	Miles from Brace	Car Capacity
Tasker.....	10.6	9

	Miles from Yakima	Car Capacity
Bonlow.....	12.1	3
Rowe.....	10.8	5
Ackley.....	4.2	4
Gammie Reed.....	2.4	9
Kiles.....	1.8	8

THROUGH FREIGHT SERVICE.
FOR INFORMATION ONLY.

WESTWARD

EASTWARD

THIRD	SECOND		SECOND	FIRST	FIRST				FIRST	FIRST		SECOND	SECOND	THIRD	
671	679	691	671	679	671	681			692	672	680	690	672	680	672
	L 10.30 PM			L 3.30 PM			..... PORTLAND.....				A 4.30 AM			A 8.30 AM	
L 10.30 PM		L 8.15 PM	L 6.00 PM		L 9.00 AM	L 10.30 AM	..... VANCOUVER.....	A 11.00 AM	A 8.00 AM			A 3.30 AM	A 6.00 PM		A 5.00 AM
		A 1.00 AM				A 2.30 PM	..... U. P. JCT.....	L 4.30 AM				L 11.30 PM			
4.30 AM	4.30 AM		12.30 AM	9.00 PM	5.00 PM		..... TACOMA.....		3.30 AM	10.30 PM			1.30 PM	3.00 AM	10.00 PM
	A 5.30 AM			A 10.30 PM			..... MIDDLE YARD.....			L 8.30 PM				L 1.00 AM	
A 6.00 AM			A 2.00 AM		A 6.30 PM		..... SEATTLE.....		L 2.00 AM				L 12.01 PM		L 7.30 PM

First Subdivision.**LESTER.**

Switch at double track interlocked.

EASTON.

Switch at double track interlocked.

Second Subdivision.**SEATTLE.**

South Portal of King St. Tunnel, interlocked.

On Colorado Ave. Line:

Atlantic St., UP-CMStP&P Crossing.

Spokane St., Interlocked.

Between Spokane St. and Argo, CMStP&P Duwamish Ave. crossing.

Diagonal Wye, on tail track, CMStP&P Crossing.

On West Seattle Line:

East Marginal Way, joint track crossing.

Drawbridge 86-8, Interlocked.

Argo—UP—PC Crossing, Interlocked.

Between Black River and Argo:

CMStP&P Crossing, Interlocked.

Reservation: Junction UP—Interlocked.

Between Reservation and Union Depot, Drawbridge Line:

UP Crossing—Interlocked.

Drawbridge 89—Interlocked.

Drawbridge 89 to Union Depot—Interlocked.

Between Reservation and Union Depot:

21 Street to Union Depot—Interlocked.

Tacoma, Lincoln Ave. Line—CMStP&P Crossing.

Third Subdivision.

Between Union Depot and McCarver Street:

Union Depot to 11th Street—Interlocked.

Between Titlow and Steilacoom:

Drawbridge 14, Chambers Creek, Interlocked.

Chehalis Jct., CMStP&P Crossings, Interlocked.

Between Longview Jct. and Longview (Longview Line)

Drawbridge 0.59, Cowlitz River, Interlocked.

Between Woodland and Ridgefield:

Drawbridge 119, Lewis River, Interlocked.

Fourth Subdivision.

Between Moon Yard and South Tacoma:

Moon Yard to Pacific Avenue—Interlocked.

Fifth Subdivision.**SEATTLE.**

North and South Portals, King St. Tunnel, Interlocked.

INTERBAY.

Lead to Naval Supply Depot, GN Crossing, Automatic Interlocking.

Between Interbay and Fremont:

Drawbridge 4, Lake Washington Canal, Interlocked.

EVERETT.

GN Crossing protected by manually operated electrically locked gates.

Delta Jct., GN Junction, Interlocked.

Between Clear Lake and Sedro-Woolley:

Drawbridge 85, Skagit River.

Between Sedro-Woolley and Thornwood:

Two GN Crossings.

Between Nooksack and Sumas:

CMStP&P Crossing.

Eleventh Subdivision.

Renton: PCR Crossing, Interlocked.

Between Renton and Quendall: PCR Crossing.

Woodinville: 12th Subdivision Crossing.

Twelfth Subdivision.

Woodinville: 11th Subdivision Crossing.

Tanner: CMStP&P Crossing.

Thirteenth Subdivision.

Between Bromart and Snohomish:

Drawbridge 88, Snohomish River.

Fifteenth Subdivision.

Between Bellingham and South Bellingham:

GN Crossing.

Sixteenth Subdivision.

Aberdeen: Drawbridge 68, Wishkah River, Interlocked.

HOQUIAM:

Drawbridge 72-2, Hoquiam River, Interlocked.

Drawbridge 8-2, Hoquiam River Spur.

Seventeenth Subdivision

At Fort Lewis, in Dupont Powder Works,

Four Narrow Gauge Railroad Crossings

All protected by gates with reflectorized Stop Signals.

Eighteenth Subdivision.

Blakeslee Jct.: UP—CMStP&P Crossing, Automatic Interlocking.

Between Rochester and Gate: CMStP&P Crossing.

Nineteenth Subdivision.

Between Shelton and Bayshore:

Simpson Logging Co's. crossing 200 feet east of Government Railway connection.

Twentieth Subdivision.

South Aberdeen: UP Crossing.

Twenty-First Subdivision.

Between Chehalis Jct. and Littell:

CW Crossing, Automatic Interlocking.

Between Raymond and South Bend:

Drawbridge 58, Willapa River.

Twenty-Fourth Subdivision.

Yakima: YVT Crossing.

D. E. CARLSON,
Assistant Superintendent.**W. E. BUCKLEY,**
Assistant Superintendent.**E. M. OVERLIE,**
Trainmaster.**J. W. SCHMIDT,**
Trainmaster-Roadmaster.**F. W. COCHRAN,**
Trainmaster.**L. F. WIECKING,**
Trainmaster.**E. P. HUGHES,**
Trainmaster.**G. W. THOMPSON,**
Trainmaster.**C. G. STILLMAN,**
Chief Dispatcher.