## GREAT NORTHERN RAILWAY

CASCADE DIVISION.

# TIME TABLE No. 75

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

## SUNDAY, SEPTEMBER 3, 1911

Superseding Time Table No. 74 and all Supplements thereto.

THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY.

J. H. O'NEILL, Superintendent.

F. S. ELLIOTT, Asst. General Superintendent.

E. L. BROWN, General Superintendent.

W. C. WATROUS, General Supt. of Transportation.

GEO. H. EMERSON, Asst. General Manager.

J. M. GRUBER, General Manager.

THIRD CLA	ss	SECOND CLASS.			FIRST	CLASS.			CAPA	CITY OF			7
	715	411	401	285	27	43	1	3	SIDE	1	84	Time Table No. 75	
	Mdse. Freight	Fast Preight	Fast Freight	Passenger	Fast Mail	Passenger	Passenger	Passenger	Ę	Tracks	Distance from Leavenmenth.		
	Leave Daily Ex Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Duly	Leave	Leave Daily	Leave Daily	- 1	Other	Contract	STATIONS.	
		1.00m	8.00Am	1	11.40Pm	4.26Pm	1.35Pm	2.30An	1 60	492			-
		1.53	8.45		11.58	4.43	1.53	2.48	67	100	6.3	DRURY	
		2.45	9.15		12.09Am	1 4.55	2.04	3.00	184	22	10.5	CHIWAÜKUM	-
		3.05	9.30		12.16	5.03	2.11	3.08	58	5	13.0	2.4	
		3.25	9.45		12.22	5.19	2.18	1 8.17	·			- 11	iii
		340	10.00		12 33	. 6.19	225	327	09	- 8	17.5	1.0	-
		4.30	10.55		12.44	8.40			135	41	20.5		
		5.05	11.80		12.54		9.45	3.45	70	-	24.9		11
		5.50 4 630	12.30Pm			411 • 6-15	8.00	4.00	140		28.0	nikke	-
		6.46	12.56		1.08		. 3.20		78	165	32.3	CASCADE FUNNEL	
		7.08	1 1 25		1.91	6.30	. 3.36	4.86	90	_91_	35.9	······································	
		7.20	1.40		1.51	6.41	3.46	4.48	63	9	39.5	ALVIN	
		7.40	2.05		1.40	6.49	3.65	4.54	64	12	43.2		
		7.55				7.00	4.06	5.04	69	-	45.2	scenic	
		8.10	2.20		2.00	7.10	4.15	6.13	60	6	48.3		-
	9.00Am	8.30 9.00	2.85 3.00 3.30		2.10	7.20	4.95	5.22	60	_	51.8		
	9.15			7.00Am	2.30	7.40	4.40	6.35 6.40	73	184	57.0	skykomish	
	9.40	9.20	3.45	1 7.12	2.40	7 56 7 56	4.55	5.50	68	7	61.1	акотто	
	10.15		4.00	1 7.25	2.50	8.07	5.06	6.02	67		66.1		
	10.36	10.06	4.20	1 7.40	8.01	. 8 22	5.19	6.14	78	18	71.2	nbex	
	11.13	10.20	4.40	1 7.50	8.10	8.32	5.29	6.24	68	2	76.3	RETTER	
		10.30	4.55	s 8.00	3.16	8.47	5.38	6.83	69	45	80.0	GOLD BAR	
	11.30			8.08	3.91	8.55	5.43	6.38		18	82.4	STARTUP	
	11.65	10.45	5.20	, 8.18	8.27	9.08	5.51	6.45	55	22	85.8	sultan	
	12.56Pm	11.05	1-396 6-10	9 8.85	3.41	. 9.19	286-401 6-10	7.02	91	42	93.3	Mohkor	
-	1.55	11 29	6.40	. 8.55	3.58	9.37	6.28	7.18	52	25	100.2		
	2.35	11.50	7.00	9.07	4.05	9.47	6.40	7.28	60	30	106.0	rower	
				f 9.10	4.08	9.52	6.43	7.32	44	100	107.6	PACIFIC AVENUE	
				9.22	4.17	10.02	6.83	7.49			108.7	evdokrr .	
				9.26Am	4.20km	10.05m	6.55Pm	7.45km			109.5	EVERETT JUNCTION	
-	3.10Pm	12.30 Am	8.00m						AS.	600	-	VIA N. P. Ry. DELTA	-
	Arrive Daily Ex. Sunday	Arrive	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive					-
J	715 6.10 8.0	411	401	285	27	43	1	3					-

	*				IRST CLAS	55.	
ime Table No. 75.	Distance from D	SIGNS.	28	4	2	44	286
	- 1		Erpress	Passenger	Passenger	Passenger	Passenger
STATIONS.	, a		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
LEAVENWORTH	109.5	Re DN WCTYOP	6.00Am	. 3.15Pm	• 1.25Am	4.20Am	
DŘÚŘY	103 2	DN P	5.40	2.57	1.07	4.02	
снімайким	99 0	DNW P	5.30	2 45	12.57	3.52	
winton	96.5	DN P	5.23	2.39	12.61	3 46	
NASON CREEK	92.0	DN P	5.11	1 2.32	12.41	3.36	
MERRITT	89.0	DN WY P	5.03	1 2.25	12-33	327	
gavnor	84.6	DN P	4.51	2.15	12.19	3.15	
ndake	. AL.5	DN W P	4.40	2.07	12.09Am	8.02	
CASCADE YUNNEL	77.2	R DNWT P	4.20	1.55	11.57	2.50	
	75.6	DN WC P	4.02	1.40	11.40	. 2.32	
ALVIN	10.0	DN W P	3.42	1.25	11.23	2.13	
couks	87.9	DN P	3.32	1.16	11.13	2.02	
schlie	61.5	DN W P	3.90	. 1.03	. 11.02	1.50	
nieros	61.2	DN W P	8.04	1 19.48	10.45	1.34	
TUNGA	57.7	DN P	2.62	1 12 37	10.83	1.22	
SKYKONISH	52.5	Re DN WC Y P	235	. 12.20	. 18.18	1.05	8.10m
agotto	42.4	P	2.20	12.04Pm	10.01	12.61	1 7.56
HALFORD	43.4	D W P	2.10	11.53	411 9-51		
INDEX	38.3	DN P	1.56	11.38	9.37		
REITER	33.2	W P	1.44	11.20	9.25		
GOLD BAR	29.5	DN Y P	1.87	715	9.18		
STARTUP.	27.1	P	1.33	11.08	9.14		6.50
SULTAN	23 7	D P	1.27		9.14	12.04An	
MONROE	16.2	DN W Y P		11.02			1-401
svoriowish	9.3		1.13	10.49	8.54		6-10
Lowell	3.5	DN P	12.56	• 10.82	. 5.39	11.29	6.55
PACIFIC AVENUE	-	R DN P	12.43	10.20	8.27	11.17	5.37
EVERETT	1.9	DN Y P	1240	10.15	8.24	11 14	5.84
EVERETT JUNCTION	0.8	- к	12.36	• 10.10	8.20	11.10	5.30
Via N. P. Ry.	0.0	R DN P	12 30An	10.05Am	8.15Pm	11.05Pm	5.20h
DELTA		Re DN WCTYOP	1		-		
	-		Leave Daily	Leave Daily	Leave Daily	Daily	Daily
Time Over District Average Spread For Hour	-		28	4	2	44	286
Average Spread Fer Hour	-		5.30 20.5	8.10 21.2	5.10 21.2	5.15 21.0	2,50 15.0

West bound trains are superior to east bound trains of the same class.

No 27 is superior to all other trains. Opposing first class trains will clear No. 27 five (5) minutes. Other opposing trains will clear No. 27 ten (10) minutes.

All west bound trains must be clear at the time No. 27 is due to leave the next station in the rear where time is shown.

Freight trains will use N. P. tracks between Lowell and Delta and will be governed by N. P. time table and rules between these

Freight trains on ascending grade in either direction between Leavenworth and Skykomish will take siding at meeting point.

Trains in the same direction down grade between Skykomish and Leavenworth must keep at least twenty-five minutes apart and operators will block trains as provided in this rule.

and operators will block trains as provided in this rule.

All trains will reduce speed to eight miles per hour through Martin Creek Tunnel and over bridges at either end.

All trains will reduce speed to eight miles per hour over erossing just east of Pacific Ave Freight House.

Additional to other required tests of the air brake, no train will leave Cascade Tunnel until the air brakes have been carefully tested. Engineer will set the brakes and leave them set until trainmen examine each car, then release them, and trainmen will again examine each car and see that brakes release before giving the signal to start the train. Conductors must inform engineers how many cars loaded and empty in the train, and how many cars of "air" are working.

All retainers must be used from Cascade Tunnel to Merritt, and from Chiwaukum to Leavenworth, and from Cascade Tunnel to Skykomish.

to Saykoman.

Trains are operated between a block post, 125 feet west of the east crossover switch Cascade Tunnel and the safety switch west end depot at Tye, by a train staff block system. No train or engine will be run in either direction between the limits mentioned unless train engineman and the engineman of helper engine each has in their possession a section of a staff which will be handed to them by operators and will be retained by them until entire train has cleared block, then sections of staff must be handed to operator. When no helper engine is used or when any cars behind helper, conductor or brakeness located on sear of train must be in presented on the production of the productor of the production of the pro no helper engine is used, or when any cars behind helper, conductor or brakeman located on rear of train must be in possession of one-

Only one train is permitted to enter or use the block at the same time.
Bulletin boards are located at Leavenworth, Cascade Tuncel, Skykomiah, Delta.

Bulletin boards are located at Leavemworth, tascance runner, Sayacmian, Lenia.

Semaphores are located 1200 feet east of east switch, Scenic; 1200 feet wast of west switch, Chiwaukum; 1200 feet east of switch at Holmquist Spur half-mile east of Monroe.

Berlin and Baring and B. B. d. R. Spur two miles east of Index will be flag stop for Nos. 285 and 286.

No. 43 stops at any station to let off pa-sengers from east of Colbert.

No. 44 stops at any station to pick up passengers for points south of Shelby.

Yard limit boards placed each way from Skykomish, Cascade Tunnel and Leavenworth, and east from Pacific Avenue.

INITIAL STATIONS.

Leavenworth for trains Nos. 3, 1, 43, 27, 401 and 411. Everett Jet. for trains Nos. 28, 4, 2, 44 and 286. Skykomish for trains Nos. 285 and 715. TERMINAL STATIONS.

Leavenworth for Nos. 28, 4, 2 and 44. Skykomish for train No. 286.

Everett Jct. for trains 3, 1, 43, 27 and 285

Delta, 401, 411 and 715.

DERAIL SWITCHES.

Derail switches must always be set for derail except when in actual use, whether there are any cars on the tracks or not. Cascade Tunnel east passing track lead, 30 feet from main line.

Tye, west end Industry track.

Tye Safety Switch, 70 feet west of station, on main line.

Scenic Industry track,

Grotto, 150 feet east of west head block Industry track.
Halford passing track 150 feet east of west head block.
Index Industry track 120 feet from west head block.
Monroe Mill Spur, 200 feet from head block.

Derail Brewers Spur, Pacific Ave., 210 feet from bead block.

Derail Brewers Spur, Pacific Ave., 210 feet from bead block.

Frye-Bruhn Spur, 120 feet from Crossing Agnew Hardware Co. Spur.

Power House Spur, 105 feet from bead block

LAP SIDINGS.

Chiwaukum and Merritt. When trains meet at these points, rule 99 is modified to the excent that inferior trains will enter the

Business	tracks not shown as stations on time t	able.		
NAME Name Inch Co. 1	LOCATION	OPENS	LENGTH	CAR
Nippon Lumber Co.'s Spur	At Nippon	West	1	
Seattle-Boston Copper Co. Spur	0.8 Miles west of Tongs	East	300 feet	
				3
		West		20
		West	11771111111	14
			********	4
		East	1200 feet	25
Baring Cedar Co. Spur.	Off of G N. Shgl Siding	Both ends		24
Baring Granita Spur	On or G N. Shgl Siding.	East		18
B. B. & R. Spur	2.0 Miles east of Index	West	450 feet	
				5
Smith Lumber Co	1.6 Miles cast of Index 0.5 Miles cast of Index	East		2
Soderburg Spur		East		12
				10
Cassula Cass	0.5 Miles west of Gold Bar	East		26
		East		-0
Owen a Spur	4.7 Miles east of Monroe.	East		
Holmquist Spur	0.5 Miles east of Monroe.	East		3
Monroe Mill Spur	0.3 Miles east of Monroe.	East	********	
Monroe Gravel Pit	0.0 Miles west of Monroe	West	*******	18
		***	********	10
Woodrufi	2.0 Miles west of Monroe	Both ends	\$1000 F F F F F F F F F F F F F F F F F F	25
		Doth ends		24
		East	********	27
House Track	0.0 Miles east of Lowell	West	********	25
State Mill Co.	U. U Miles cast of Lowell	East		25
	0.5 Miles east of Everett	East		12

4		31	COND	DISTRIC	I-EVE	RETT JU	NCTION	TO SE	ATTLE.						WEST BOUN	D.
TINED CLASS	3200KD CLASS					FIRST	CLASS.					CAPAC	TRACKS			
717	401	43	355	1	273	359	277	285	3	357	27	1	4	1011	Time Table No. 75.	1
Mdse. Freight	Fast Freight	Passenger	Passenger	Passenger	Passenger	Passenger	Pamenger	Passenger	Passenger	Passager	Fast Mail	6	100	900		- dan
Daily	Leave	Daily	Daily	Daily	Leave Daily	Daily	Leave	Leave	Leave	Leave	Daile	12	450	Car	STATIONS.	l le
4 00fm	2 30An	10.05Pm	8.20m	6.55Am	5.35Pm	2.10Pm	10.05An	9.25km	7.45km	6.40ks	4.20ks	i			EVERETT JUNCTION	JN
4.35	2.45	10.12	8.27	7.08	. 5.45	2.16	10.15	9.32	7.52	. 6.50	4.97		68	3.8	MUKILTED	MI
6.05	3.56	10 20	8.38	7.10	f 5.58	2.22	1 10.23	9.39	8.00	1 6.58	4.85			7.0	Mosher	-
5 25	3.08	10.26	8.38	7.17	1 6.00	2.27	1 10.80	9.44	8.06	1 7.05	4.42		6	10.9	10	AD
6.00	3.25	10.34	8.45	7.24	. 6.10	2.33	10.40	9.54	6.15	7.18	4.51		37	14.8	10	Di
6 30	3.35	10.40	8.51	7.31	6.18	2.38	1049	10.00	8.21	1 7.23	4.50		50	17.8	3.0	-
7.00	4.05	10.51	9.02	7.49	6.29	2.47	11.00	10.11	350 8-32	1 7.35	5.12			24.0	0.2	UN
7.10	420	10.58	9.08	7.50	. 6.37	2.53	. 1112	10.18	8.39	7.48	5.90		183	26.9	BALLARD	
7.20hm	4 30Am	11.02	9.12	7.55	6.42	2.57	11.17	718 10.22	8.48	. 7.50	5.25	80	626	28.0	INTERBAY	_
		11.07	9.17	8.00	6.47	3.02	11.22	10.27	8.48	1 7.55	5.30		415	29.3	1.3	
		11.20m	9.30hm	8.15Pm	• 7.00mm	s 3.16Pm	11.35An	10.40km	9.00Am	8.10Am	5.45km		538	32.7	SEATTLE	tri
			10.30Pm	8.86Pm		3.45Pm				10 00As ;	6.00Am				SEATTLE	
			11.50Pm 11.59	s 10.10fm		5.06				11.30	7.05km			73.4	40.7 TACOMA	
- Arriva			9 6.00Am			9.45Pm				5 00Pm				215.8	PORTLAND	-
Arrive Daily	Daily	Arrive Daily	Daily	Daily	Daily	Daily	Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Delly					
717	401	43	355	1	273	359	277	285	3	357	27					-
3 20 8.4	2.00 14.0	1.15 26.2	1 10 28 2	1.20 24.5	1 25 23 0	1.05	1.30	1.15 26.2	1 ::5 26.2	1.30	1.25				Time Over District Average Speed Per Hour	1

West bound trains are superior to east bound trains of the same class.

No. 27 is superior to all other trains. Opposing first class trains will clear No. 27 five (5) minutes. Other opposing trains will clear No. 27 ten (10) minutes.

All west bound trains must be clear at the time No. 27 is due to leave the next station in the rear where time is shown.

Double track between Everett Jct. and Metum and between G. N. Dock and Seattle

285 meets No. 4.

277 meets 718.

717 meets 286, 358 and 278.

273 meets 278 and passes 717.

270 passes 718.

No. I meets No. 2.

No. 43 meets No. 44 and 712 on double

track between Metum and Mukilten.

The normal position of switch at Everett Junction is for main line.

The normal position of switch at Everett Junction is for main line.

All trains will reduce speed to 8 miles per hour passing through town limits of Edmonds and Bailard.

Control Manual Block System is in operation between Pacific Avenue and Everett Jet, between Metum and G. N. Dock.

Trains entering double track at Everett Jet, and Metum and at G. N. Dock and Seattle will not exceed speed of ten miles per hour.

Ballard, Edmonds and Mukilteo are flag stops for No. 4 to take passengers for Spokane points east of Spokane.

Mile post 10 between Metum and Richmond Beach will be flag stop for 277 and 278.

Trains I and 2 will stop at stations between Tenna and Sastitute to gick up as 1st 457 passengers for or from points east of

Trains 1 and 2 will stop at stations between Tacoma and Seattle to pick up or let off passengers for or from points east of

Trains I and 2 will stop at stations between Tacoma and Seattle to pick up or let on passengers for or from points east of Seattle complying with N. P. time table schedule.

Ballard will be flag stop for No. 2 to take passengers for Spokane or points east of Spokane.

No. 43 will stop at any station to let off passengers from east of Colbert.

No. 44 will stop at any station to pick up passengers for points south of Shelby.

All Great Northern Trains between Seattle and Vancouver, Wash., will be governed by time table and rules of Northern Pacific

All Great Northern trains between Vancouver, Wash., and Portland will be governed by time table and rules of Spokaue,

Portland & Seattle Railway.

Yard limit boards east of Ballard covers limits to Seattle.

Bulletin boards are located at Interbay and Seattle.

#### INITIAL STATIONS.

Seattle for trains Nos. 360, 4, 270, 358, 286, 278, 2, 44, 28, 356. Interbay for trains Nos. 718, 712. Everett Jct. for trains Nos. 27, 357, 3, 285, 277, 273, 359, 1, 355, 43

#### TERMINAL STATIONS.

N. Dock and Seattle.

Interbay for trains Nos. 401 and 717. Seattle for trains Nos. 27, 357, 3, 285, 277, 359, 273, 1, 355, 43. Everett Jet for trains Nos. 360, 4, 270, 358, 286, 278, 2, 44, 28, 366.

357 meets 360 on double track between C.

#### DERAIL SWITCHES.

Mukilteo Lumber Co., Spur, 144 feet from head block. Richmond Beach, 120 ft. west H. B. Industry track.

INTERLOCKING governing N. P. Ry Crossing just west of Interbay yard:
Westbound home signal is located 300 feet east of crossing. Eastbound home signal is located 300 feet west of crossing.
Both home signals have two arms. Top arm works from zero to 90 degrees up and is semi-automatic. Lower arm is fixed and denotes home signal.

Derails are located 55 feet in advance of home signals. Distance signal eastbound is located 3000 feet from eastbound home signal and works zero to 45 degrees up and is authomatic. Derails and dwarf signals on G. N. yard track are 150 feet from crossing, east and west.

Derails on N. P. track are located 200 feet from crossing, with dwarf signal 5 feet from them.

Printed instructions posted in cabin for the operation of this plant. Cabin is locked with a G. N. switch lock and an N. P.

switch lock, so trainmen from both roads will have keys to get into cabin to operate plant.

Derail on N. P. transfer track near Glass Works Spur in operation. Derail is pipe connected with switch stand. Trainmen using this switch should see that all cars and engines are clear of detail before closing switch.

#### Business Tracks Not Shown as Stations on Time Table

NAME	LOCATION	OPENS	LENGTH	CAPACITY
Mukilteo Shingle Spur Douestt Spur Douest Spur dukilteo Lumber Co. irown Bay Logging Co. Connection avincible Raijjoint Spur E. W. Mills Spur J. N. Clay Co. Spur	0.7 miles east of Mukilteo	West West West West East East West		3 2 10 8 2 10

	The second second	ž.						FIRST	CLASS.					S	ECOND CLASS.	TI	HIRD CLASS
т	ime Table No. 75.	from Sea	SIGNS.	360	4	270	358	286	278	2	44	28	356	712		718	
-		Ance	Jan 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Passenger	Passenger	Passenger	Passenger	Pamenger	Passen ger	Passenger	- Passenger	Express	Passenger	Fast Freight		Mdse. Freight	
	STATIONS.	ž		Arrive Daily	Arrive	Arrive Daily		Arrive Daily									
1	EVERETT JUNCTION	32.7	R DN F	9.25Am	10.05 Am	1.20Pm	5.25Pm	5.20fm	6.50hm	8.15fm	11.05Pm	12 30Am	1.10Am	11.59fm		2.10hm	
(	MUKILTEO	25.9	D .	9.19	9.58	1.12	5.18	6.11	. 6.40	8.09	10.59	12.23	12.58	11.50		1.55	
1	mostler	24.8	,	1 9.10	9.51	1.02	5.11	6.01	1 6.31	8.02	10.52	12.16	1 1248	11.35		1.15	
(	MEADOWDALE	21.8	D	1 9.03	9.46	12.56	5.06	4.55	1 6.24	7.57	10.47	12.11	1 12.40	11.25		19.55	
1	EDMONDS	17.9	D W F	8.55	9.40	1250	4.59	1 447	. 6.16	7.50	10.40	12.06An	1232	11.15		12.30m	
(	RICHMOND BEACH	14.9	D 1	8.44	9.34	12.41	4.54	4.38	6.09	7.45	10.35	11.59	1 12.24	11.05		11.40	
1	METUM	8.7	DN	832	9.25	12.30	4.45	1 425	8 87	7.34	10.25	11.60	1 12 11	10.50		10.55	
	BALLARD	5.8	D	8.23	9.19	12.24	4.39	1 4.19	. 5.50	7.29	10.19	11.44	12.05	10.40		10.40	
		4.7	Re DN WCTOPE	8.15	9.15	12.20	4.35	4.15	. 5.45	717 7-25	10.15	11.40	12.01km	10.30m		10-30An	
1	а. н. боск	3.4	DN I	8.10	9.10	12.15	4.30	4.10	5.40	7.20	10.10	11.35	1 11.55				
1	. skirtus	.0	R DN I PI	8.00Am	9 004m	12.05Fm	4.20Pm	4.00fm	5.80Am	7.10Pm	10.00m	11.25m	11 45Pm				
1	SEATILE	183.1		. 7.80Am			4.00Pm			s 6.50Pm		. 11.10Pm	11.15Pm				
1	TACOMA	142.4		6 00Am			2.45 2.40Pm			5.25An		10.00Pm	10.05				
	PORTLAND.	.0		12.15Am	The		10.00Am						5.00Pm				
_				Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily	
Г				360	4	270	358	286	278	2	44	28	356	712		718	
	Time Over District Average Speed Fer Hour			1.20	1.05	1.15 26 1	1.05	1.70 24 6	1.20 24.6	1.05 30.1	1.05 30.1	1 05 30 1	1 25 23 0	1.29 20.6		3.40 7.6	

#### Automatic Block Interlocking Signals and Semaphores

Interlocking governing crossover at Everett Junction and automatic block signals between Everett Junction and Metum, between G. N. Dock and North Portal.

Blueprints showing signal indications and further instructions to train and enginemen are posted on bulletin boards at stations and round houses, Leavenworth, Delta, Interbay, Seattle and Vancouver, B. C.

#### Instructions and Locations

In all cases Block and Interlocking Signals are located on the right of and adjoining the track upon which trains are governed by them, the Semaphore Arms that govern are displayed to the right of the signal mast as seen from an approaching train.

Track Circuits are used to control Automatic and Semi-Automatic Block Signals and include all turn outs up to fouling points.

Block Signals do not dispense with the use or observance of other signals whenever or wherever they may be required nor do they relieve Enginemen and Trainmen from taking all precautions required by train rules for the protection of their trains.

The Block Signals apply only to trains running in the established direction.

When a train is stopped by a block signal it may proceed with caution after coming to a FULL STOP, expecting to find block obstructed.

A train stopped by a block signal must stand facing the signal so that its indication may be observed from the engine.

Switches in main tracks and switches of crossovers to main track set signals to "STOP" when moved from their normal mostling.

Main Line Semaphore interlocking signals located within the automatic block signal limits are made semi-automatic and

Care and Engines on sidings must stand clear of bonded rails and insulated joints.

In making train movements through crossover switches between main tracks one of the switches must be kept open until the train movement is completed.

When a signal is found at Stop from any cause other than train in block, engineman will report same from first open telegraph office.

All automatic blook signals are numbered East bound, even numbers; West bound, odd numbers.

Everett Junction interlocking, westbound home signal, (high line), is located 200 feet from westbound crossover switch, and has three arms; the top arm is for main line trains through crossover; the second arm fixed; bottom arm for diverging movements.

Westbound Home Signal, Coast line, is located fifty-five feet from east end of eastbound crossover switch and has three arms; top arm is for main line; second arm fixed; bottom arm crossover movements.

Distant signals, westbound high line and Coast line, are located 3500 feet from home signal, and work from zero to 45c. First automatic signal west bound, is 2500 feet west of Everett Junction. From first automatic signal to Metum, they are located about 7500 feet apart.

Metum to G. N. Dock, the Manual Controlled Block in use.

G. N. Dock to Seattle first automatic signal westbound is located 500 feet from G. N. Dock; second 3000 feet; third signal is distant signal for North Portal Interlocking Plant.

First automatic signal east bound is located 3000 feet from eastbound home signal, North Portal; second 3000 feet from first one; next signal is Manual Controlled Block for G. N. Dock.

First automatic signal at Metum is located 3000 feet west of end of double track, and works from zero to 45°. Signal at 45° shows clear track to second automatic signal located on double track. F. om Metum to Everett Junction, signals are about 7500 feet apart, to Home signal for interlocking plant at Everett Junction.

Eastbound home signal, Everett Junction Interlocking is located 200 feet from west end of eastbound crossover switch, and has two arms; Top arm is for main line to St. Paul, lower arm for crossover up the Coast line.

Manual controlled block semaphore, at Mukilteo, Meadowdale, Edmonds, and Richmond Beach will be used as train order signals for all trains. At Everett Junction for westbound trains, at Metum for eastbound trains, G. N. Dock for westbound trains, North Portal for all trains.

1		1	TYOF	CAPACI SIDE T				RST CLASS	FIE			SECOND CLASS.		_	THIRD CLASS
	Time Table No. 75.		2	sick	357	277	359	273	355	279		711	713		717
-	-	- d	Track	T of	Passenger	Paisenger	Passenger	Passenger	Passenger	Passenger		Fast Freight		_	Mdse. Freight
	STATIONS.	D.Hingha	2	Pass	Leave Daily	Leave	Leave	Leave	Leave Daily	Leave Daily		Leave Daily	Leave Daily Ex Sunday	E	Leave Daily
	BELLINGHAM	0.0	202	42	3.00Am	7.10Am	12.05Pm	2.40Pm	6.08Fm	5 10Pm		.155 7 50Pm	6-30An	_	
	SOUTH BELLINGHAM	2.9	30	47	3.15	. 7.20	360 12.15	2.52	6.15	5 20		8.15	7.00	- -	
	4.0			67	3.30	1 7.30	12 23	3.00	6 22	5.30		8.30	7.15	_	
1	5.6	5		68	356 3.50	713	12.33	3.10	6.32	5.42		8.45	7.40	_	
	0.7	3.2	10			1 7.43		314		5.48				_	
-	14	_	17	68	4.03	. 7.50	12 40	325	6.39	5.58		902	8.40	_	
	4.5	,		27	4.14	7.58	12.47	3.35	358 6 47	6.10		9.30	9.05	_	
1	2.6	_		48	712 4-30	250 8 10	12.55	3.47	6.55	6.20Pm		10.15	10.30 714		
	4.1		38	**	4.45	. 8.22	1.03	4.09	7.05			10.35	360 11-10	_	
-1	54			67	5.02	. 8.33	1.12	4.13	7.13			11.00	11.35	_	
	1.7	5.0				838		4 18							
1	STANWOOD	4	33	68	5.20	847	1.24	4.28	7.25			11.35	12.25 Pm		
-	5.5			29	5.35	9.06	1.33	4.40	7.34			11.65	1.00		1
+	41		_	68		1 9.17 1	713	4.50	278 7.42		i	12.15Am	1 35 359 2 05 270		
-	7.0	.0		67	6.06	9.33	270	5.08	7.52			12.45	3.05		
_	11	7			714 6.15	9.41		5.12	7.58			1.00Am	3.30Pm		3.36Fm
	LONG SIDING	-		37	6.20	360 9.45	1.59	5.16	8.01						3.40
	2 A EVERETT			-	6.37	10.02	2.08	5 25 358 5 32	8.15						3.50
	0.5	_		-	6.40Am	10.05An	718 2 1 0Pm	5.35Pm	8.20fm						4.00Pm
-	EVERETT JUNCTION	-		-	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily Ex. Sunday	An	Arrive
		-		-	357	277	359	273	355	279		711	713		717
-	Time Over District Average Speed Per Hour	-			3.40	2,47	2.05	2.55	2.17	1.10		5.10 12.0	9.00	1	0.25 10.5

#### South bound trains are superior to north bound trains of the same class.

#### INITIAL STATIONS.

Blaine for trains Nos. 277, 711 and 720. Bellingham for trains Nos. 279 and 713. Burlington, for train No. 280

Durington, for train No. 281 Delta Wye, for trains Nos. 712, 714, 717 Everett Jet., for trains Nos. 370, 358, 360, 356, 278, 718 and 712-Fraser River Jet., for trains Nos. 386 and 398. New Westminster, for train No. 385. Vancouver, for trains Nos. 359, 355, 278, 397, 397 and 719.

#### TERMINAL STATIONS.

Plaine for trains Nos 278, 712 and 719 Bellingham, for trains Nos. 280 and 714. Burlington, for train No. 279

Delta Wye, for trains Nos. 711, 713, 718. Everett Jct., for trains Nos. 359, 355, 273, 357 and 277. Fraser River Jct., for trains Nos. 385 and 397

New Westminster, for train No. 386.

Vancouver for trains Nos. 270, 358, 360, 356, 398 and 720.

DERAIL SWITCHES. Chuckanut, east end siding. B. B. & E. Transfer Track east end.

Interlocking System.-Governing movement of trains N. P. crossing and Bridge 10 just north of Delta Wye.

All south bound trains from Vancouver to Bayside will be governed by a one

blade home semaphore located 700 feet from north end of draw span and top blade on two blade semaphore located 20 feet north of N. P. crossing. A caution fixed signal is located 2500 feet north of one blade home signal (or 3200 feet north of draw span).

Train movements from Vancouver to Delta will be governed by same caution fixed signal and same home signal north of draw span as train movements from Van-couver to Bayside, but will receive lower blade on two blade semaphore, twenty feet north of N. P. Crossing.

Train movements from Bayside to Vancouver will be governed by top blade on two blade home semaphore located 60 feet south of wye switch and by one blade home semaphore located on trestle 500 feet south of wye switch.

Train movements from Delta to Vancouver will be governed by top blade on two blade semaphore located 60 feet south of wye switch and one blade home semaphore located on trestle 500 feet south of draw span.

Trains between Delta and Bayside will be governed by bottom blade on two blade semaphore located 60 feet south of wye switch.

A caution fixed signal is located 2000 feet south of wye switch.

Derails are located 60 feet from home semaphores.

The day indications of these semaphore blades are HORIZONTAL for STOP; at an angle of FORTY-FIVE DEGREES UP for CAUTION; at NINETY DEGREES as an angle of POLITY FOR DAMAGES OF 107 GAUTION; at NIGHT DOWNERS UP (or straight up) for CLEAR. The night indications are RED LIGHT for STOP; YELLOW LIGHT for CAUTION; GREEN LIGHT for CLEAR.

Interlocking system in use bridge 10, 11 and 12 between Delta and Marysville and at Skapit R. R. Crossing one mile south of Fir. McCoy's R. R. Crossing 4000

feet south of Bow

273 pull down to Everett passenger depot, do their work, back in then meet

The normal position of switch at Everett Junction is for Main line and at Delta Wye for Coast line.

All trains will reduce speed to 8 miles per hour passing through town limits of Marysville, Mount Vernon, Burlington and over Bond St eet and Hewitt Ave., Everett.

Side clearance Tunnel 20, one-quarter mile south of Sockeye, not good. Clearance four feet, standard six feet Register for Delta Wye is located on ground floor interlocking plant.

Bulletin boards are located at Burlington and Bellingham.

Norman, one mile north of Silvana is flag stop for Nos 277 and 278.

Steam whistle signals for tracks with switches controlled from Interlocking Towers.

Main Line—One Long.
Delta Yard from North—One Long, One Short.
Delta Yard from South—Two Long, One Short.

Delta Yard North—Two Long.

Delta Yard North—Two Long.

Delta Yard South—Three Long. One Short.

Semaphore located 1200 feet south of south switch South Bellingham. Yard limit boards placed each direction Burlington, South Bellingham and Bellingham.

All trains will reduce speed to 8 miles per hour over all draw bridges. Everett yard limits includes Delta yard and from North end of Draw Bridge 11 to ward limit board south of Everett Junction

					F	IRST CLAS	s.		SECON	ID CLASS.	THIRD	CLASS
Time Table No. 75.	Distance from Everett Junction	SIGNS. See Rule 7, page 15	356	360	270	358	278	280	712		714	718
	and it		Pamenger	Passenger	Passenger	Passenger	Pamenger	Passenger	Fast Freight		Mdee. Freight	Mdee, Freigh
STATIONS.	27		Arrive Daily	Arrive	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily Ex. Sunday	Arrive Daily
BELLINGHAM	64.1	R. DN CWTK	4.25Am	19.30fm	1 4.00Pm	7.30Pm	s 9.40Pm	• 9.30An	6-30Am		3.30m	
SOUTH BELLINGHAM	61.2	D W	4.12	12 15	. 349	. 7.20	. 939	. 9.15	6.16		273 2.52	
SOCKEYE	57 2		1 402	f 19.03fm	3.41	7.13	1 9.20	1 9.04	6.00		2.35	
SANISH	51.6	w	357 3 50	11.51	3.31	7.08	1 9.10	8.51	5.40		2.00	
BLANCHARD	50.9			. 11.48			f 9.08	1 8.49				
3.4 80w	47.5	D	3.38	. 11.41	3 25	6.57	9.02	. 8.40	5.25		1.20	
DELLEVILLE	42.9	D	2 28	. 11.31	3.16	355 6.47	. 8.53	8.27	5.10		359 12.47	
BURLINGTON	40.3	R DN COWYX	. 3.20	· 11-25	. 3.10	6.40	8.47	277 8 20An	5.00 357 4.30		12.15hm360 10.30 713	
MT VERNON	36.2	DN	. 3.05	11.10	. 2.55	. 6.29	8.34		4.10		10.00	
Ad.	30.8	0	3.45	. 10.83	9.42	6.20	8.20		3.50		9.20	
MILLTÓWN	29 1			10 46	2.36		8.14				0.20	
STANWOOD	23.7	DN	2.25	10.37	. 2.27	6.10	8.05		3.25		277 8.47	
SILVÂNA	18.2	D W	2.11	10.23	. 915	6.02	7.51		8.05		8.15	
ENÓLISH	14.1		1 1.59	f 10.13	713 2.05	5.56	355		2 50		7 35	
7.0 MARYSVILLE	7.1	DN	1.42	9.59	359 1.50	5.46	7.25		215		_	
DELTA WYE	4.4	R IY	1.30	9.49	1.40	8.40	7.10		2.00An		6.45 357	
LONG SIDING	3.4		1.97	277 9-45	1.37	5.37	7.07		2.0048		6-15An	2.85h
EVERETT	0.8		1.20	9.35	1.30	373 5 32	1.00					2.25
EVERETT JUNCTION	0.0	R DN	1.10Am	9.25An	1.20m	5.25Pm	6.50Pm					359
			Leave Daily	Leave	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Daily Ex. Sunday	2.10A
	-		356	360	270	358	278	280				
Time Over District			3 15 19 7	3 05	2.40 23 8	2.05	2.50	1.10	712		714	718
Average Speed Per Hour		-	19.7	20	23 8	30.5	22.2	20.4	13.3		9.15 6.7	0.25 10.5

#### Business tracks not shown as stations on time table.

NORTH BOUND.

NAME	LOCATION	OPENS	LENGTH	CAPACITY
hucksnut Quarry Spur	1.0 Miles north of Sockeye	North		38
huckanut Cappery Spur.	0.7 Miles porth of Sockeye	North		3
Hanchard Spur	10 5 Miles south of Samuels	North		30
Vinner Shingle Co.'s Spur	0.2 Miles south of Bow	North		6
ound Shipele Co's Spor	2.9 Miles north of Belleville	South		
urlington Ousery	0.5 Miles north of Burlington.	South		.0
amar House	1.5 Miles south of Burlington.	South	********	11
ittle Mountain Spur	1.7 Miles south of Mt. Vernon	South		2
kneit Crossing To Treat	1.7 stiles south of Mt. vernon	South	*** ****	3
Cambrie Streeting 11. 178CK	0.9 Miles south of Fir	South		6
water por	1.3 Miles south of Fir	North		6
torrison Mill Spur	2.1 Miles south of Fir	South		8
Letchum Spuf	2.5 Miles north of Stanwood	South		4
Inl's Spur.	1.4 Miles south of Stanwood	South		2
lorence	1.5 Miles south of Stanwood	North		4
anner	2.0 Miles south of Stanwood	South		- 1
tabel's Spur	1.8 Miles north of Silvana	North		2
formen flour	1.1 Miles south of Silvana	South	********	2

NAME	LOCATION	OPENS	LENGTH	CAPACITY
lummit Mill Co	0.1 Miles north of English	South		2
Cennedy Spur	4.2 Miles north of Marcaville	South		
Truse Bros. Spur	2.5 Miles north of Marcaville	Month		2
OX a Spur	11.4 Miles porth of Marsenille	Month	***********	1 2
nton Slough	1.5 Miles south of Marowville	South		6
id Main Line	1.5 Miles south of Marraville	South		30
ransfer Track	10.8 Miles north of Long Siding	Month		14
lackman Spur	0.4 Miles south of Long Siding	Minate	***********	14
eidauer & Landsdown Spur	0.0 Miles south of Long Siding.	South		20
eff's Spur	1.0 Miles south of Long Siding.	North	*********	20 50
Theelihan Sour	1.1 Miles north of Everett	North		30
og Dumn Snur	10 Miles porth of Frencht	Month	********	
lark Nickemon Mill	1.0 Miles north of Everett	North		21 31 26
verett Milling Co	0.7 miles north of Everett	North	*********	31
ickerson Machinery Co	0.0 Miles north of Everett	North	********	26
ail House Sour	0.0 Miles north of Everett	South	********	4
an nouse opur	0.8 Miles north of Everett Jct.			24 38
eyernamer timber co	0.2 Miles north of Everett Jet.	North		38

#### THIRD DISTRICT-VANCOUVER TO BELLINGHAM.

			T	1			IRST CLAS	5.		SIDE	TRACKS		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	719	711	385	397	277	355	273	359	357	Tracks	1:	wo.	No. 75.	
м	dee. Freight	Fast Freight	Mized	Mixed	Passenger	Passenger	Passenger	Passenger	Passenger	1 6	14.6	DOR O	In Effect Sept. 3, 1911	
I	Leave Daily	Leave Daily	Leave Daily Ex Sunday	Leave Daily Except Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	1	Other	Distance from	STATIONS.	
	8-45Am			2.00m		4.00Pm	12 15Pm	10.00km	12.16Am	I	65	0.0	VANCOUVER	
	8.50			2.05		4.04	12.20	10.04	12 20			0.7	%7E	
	9.00			f 9.10		4 09	f 12.26	10.09	1 12.26	43		3.5	STILL CREEK	-
	9.10			f 9.15		4.12	f 12.28	10.12	1 12.30	15	10	5.3	ARDLEY	-
	9.20			1 2.22		4.17	1 12.33	10.16	1 12.36	41		7.9	BURNABY	
												12.9	SAPPERTON WYE	-
	9.45			. 2.33		4.24	1 12.43	10.24	12.49	29		13.1	SAPPERTON	-
	9.55		1.00Pm	9.40		4.28	12.47	10.28	12.55		62	13.8	NEW WESTMINSTER	-
	10.00		1.10Pm	360 2.45Pm		4.33	12.52	398 10.33	1.00			14.2	FRASER RIVER JUNCTION	-
	10.20					720 4.42	1 1.01	10.42	f 1.10	67		19.4	Townsend	1
	10 60					1 4.51	. 1.14	1 10.50	1.20	67	62	24.8	COLEBROOK	-
	11.16					4.57	. 123	10.57	1 1.28	1	11	28.4	3.6 CRESCENT	-
	11.45					270	360 1-37	11.07	1.40	30	-	33.2	WHITE ROCK	-
							101	11.07	1.40	1 30	1	36.2	INTERNATIONAL BOUND.	-
	12 15Pm	5-30Pm			6 15Am	. 5.20	· 1.50	. 11 20	. 200	68	91		0.5	-
		6.05			6.30	6.38	2.08	11.98	. 9.90	-		36.7	7.5	
					6.35	0.50	1 2.10	11.00		42	5	44.2	2.7	-
		6.35			6.44	5.48	2.17		1 2.26			46.9	ENTERPRISE	-
					6.49	0.18		11.43	. 2.55	43		49.8		-
		358 7.15m			712		1 2.22		9.40	-	-	52.0	BRENNAN	-
Ar	rrive Daily	Arrive	Arrive Daily	Arrive Daily	7.06Am Arrive Daily	Arrive Daily	Armye Daily	Arrive Daily	Arrive Daily	42	202	58.8	BELLINGHAM	1
	719	711	385	397	277	355	Daily 273			-				
	3.30	1,45	.10	1.45	25.0	2.00	2.30 25.2	359 1.55 29.4	2.40	_			Time Over District	_

#### Special Rules.

South bound trains are superfor to north bound trains of the same class.

The normal position of switches at Colebrook Junction, Guichon Line Junction and Fraser River Junction will be for main line. Ferndale will be flag stop for 368 for passengers from Everett and south of Everett.

Custer will be flag stop for 355 for passengers for south of Seattle.

Semaphores for protection of draw on Fraser River bridge between Liverpool and New Westminster are located on south and

north ends of bridge.

All trains will come to full stop within 50 feet of home signal on sither side of Fraser River Bridge and will not proceed until

All trains will come to full stop within 50 feet of home signal on sither side of Fraser River Bridge and will not proceed until

All trains will reduce speed to 8 miles per All trains will come to tun sop wham so reet or nome signal on either the oil reaser staver prings and will not proceed until clear signal is displayed and will not exceed a speed of six miles per hour over all other draw bridges.

All trains will reduce speed to 8 miles per hour ough city limits Blains.

No trains in either direction will cross international Boundary at Blains and White Rock without permission of Customs Officers.

No trains in either direction will cross International Boundary at Blaine and White Rock without permission of Customs Officers.
Yard limit boards at Bellingham, New Westminster and Vancouver.
All trains to and from Sixth district will protect between New Westminster and Fraser River Junction.
Bulletin boards are located at Bellingham and Vancouver.
Trains 359, 270, 355 and 358 will register by card at Colebrook.

DERAIL SWITCHES. Ferndale, 200 feet from east head block passing track.
New Westminster Interlocking System.—Signal tower is located 3,094 feet north of north end of Fraser River bridge, opposite crossing of the C. P. Ry., also switches leading to and from the Fraser River Eridge tracks and New Westminister. Distant Semaphores are located 1,200 feet south and north and Home Signals are 500 feet south and north of tower, respectively. Bridges 59 and 70 over Nicomelá and Serpentine Rivers between Cressent and Oliver are interlocked. At Nicomelá and Serpentine draw bridges, derails and home semaphores are located 600 feet from the end of draw span. Day indications are semaphore arm borizontal (or stringlict out) for stop, and the semaphore arm inclined downward 65 degrees for clear (or proceed). Caution fixed semaphores are located 3,000 feet from home semaphores. The caution semaphore arms are fish tail and Interlock system used on bridge 54, 1,000 feet south of Ferndale.

The distant signal on the Old Line, Fraser River Bridge south of New Westminster, will govern the movement of trains over the New Line as well.

#### THIRD DISTRICT-VANCOUVER TO BELLINGHAM.

NORTH BOUND.

Time Table			i			- 1		_		FIRST C	LAS	55.		51	COND CLA	SS.	THIRD (	CLASS
No. 75.	* C	from	Sau	SIG	ans.		356		360	270		358	278	398	386	712	720	
	rerept	Distance					Passenger		Passenger	Passenge		Passenger	Passenger	Mixed	Mized	Fast Freight	Mdec. Freight	
STATIONS.	Tire	27					Arrive Daily		Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily Except Sunday	Arrive Daily Except Sunday		Arrive Daily	
VANCOUVER	VN	56.8	Re	DN	wc	о к	7.30Am		3.30Pm	6.80	m  •	9.45Pm	į .	11.25An			6.15Pm	
wyr		58.1			Y		7.24		3.25	6 23		9.38		11.20			6.05	
STILL CREEK		55.3					7.18	1	3.19	6.17	T	9.32		1 11.12			5.55	
ARDLEY.		53.5				-	7.13		3.16	6.13		9.28		1 11.07			5.45	
BURNABY		50.9					7.05		3.10	6.07		9.22		1 11.00			5.35	
SAPPERTON WYE		45.9			Y	к												-
SAPPERTON.		45.7				-	6.54		2.57	5.58		9.13		1 10.47			5.20	_
NEW WESTMINSTER	MN	45.0	R	DN		KI	8.50		2.53	. 5.55		9.10		10.49	11.10km		5.10	
HABER RIVER JUNCTION		44.6					6.42		2.47	5.48		9.03		359 10-35Am	11.05An		5.00	
rowlden		39.4					6.30		2.36	5.40		8.55		-10.20			355	
counthbook	6	34.0	R	DN	wy		6.15		2.20	6.81		8 45					4.05	
custeur		30.4					6.02		2.08	1 6.20	T	8.35					3.30	_
wnrl nock	WR	25.6		DN			5.45		1.50 277	. 5.07	٦.	8.25					8.00	-
INTERNATIONAL BOUND		22.6															4.00	
BLAINE	BN	22.1	R	DNT	w		5.25		1.30	. 4.50		8.10	• 10.30ha			9.004	273 2.05fm	
CUSTER	cu	14.6		D			5.07		1.13	. 4.35	T	7.58	10.15			8.25	Z-OSFIII	
ENTERPRISE		11.9					4.59		1.05		1		1 10.07			0.20		
FERNDALE.	FD	9.0		D			4.54		12.57	4.20	T	7.50	10.02			7.60		_
BRENNAN		6.8					4.45	,	12.50		1		1 9.66			7.00		
BELLINGHAM	нм	0.0	Re	DN	cw	тк	4.30km	T	12.35Pm	4.088		711 7-35fm	9.45Pm			277 7.05An		
							Leave Daily		Leave Daily	Leave Daily	-	Leave Daily	Leave Daily	Leave Daily	Leave Dally Except Sunday		Leave Daily	
							356	-	360	270		358	278	398	386	712	720	-
Time Over Dutriet Average Spreat Per Hoge							2 00	1	2 55	2.25	1	2 10 27 2	30.45	17.3	.05	1.55	4.10	

_				
Business	tracks no	t shown as	stations o	n time table

NAME	LOCATION	OPENS	Longth	Car Capa- city
Maddoughs-Shaw Spur	0.7 Miles north of Ardley	North		5
Wolfa Spur	0.5 Miles north of Burnaby	North		
Mill No. 2 Spur	0.7 Miles south of Burnaby	South		22
Pilers Mill Spur	3.0 Miles north of Sapperton	South		-0
Sand Pit Spur	0.7 Miles north of Sapperton	South		18
Distillery Spur	0.0 Miles north of Sapperton	South		25
Blaine Spur	1.9 Miles south of Blaine			25
Blaine Shingle Co.'s Spur	2.0 Miles south of Dialbe	South		
Blaine Spur	2.0 Miles south of Blaine	South		9
Chaire Court of Dit . C.	1.9 Miles south of Blaine	South		
Shelton Spur (off Blaine Spur)		South		2
City Dock Spur (off Blaine Spur)	****************************	South		81
Erie Mill Spur (off City Dock Spur)		South		6
Monarch Mill Spur (off City Dock Spur)		South		14
Barge Spur (off City Dock Spur)	.0 Blaine	South		
Meirose Spur	2.5 Miles north of Custer	South		
McDonald Spur	1.2 Miles north of Custer	South		-
Enterprise Spur	0.7 Miles north of Custer			2
Cond bis Cons	0.7 Miles north of Enterprise	South		3
Sand Pit Spur	0.8 Miles south of Enterprise	South		13
Henry Spur	1.0 Miles south of Breunan	South		13
Marietta Spur	3.3 Miles north of Bellingham.	South	1	2

WE	ST				CHERRY VALLEY BE	E	AST			
CLASS	FIRST	Capat Sidt	tucks		Time Table No. 75				FIRST	SECOND
393	391	racke	Other Tracks	E L	In Effect Sept. 3, 1911	£ 2	SH.	SIGNS	390	392
Moved	Passenger	ning 7	ar To	Distance	STATIONS	ance i	Eraph	Sidns	Passenger	Mixed
Except Sandas	Lorept Sunday	2	8	ND		Tok	17		Arrive Daily Ercept Sunday	Arrive Daily Except Sunda
11 00An	6.90Pm			0.0	MONROE	17.6	Ro	D N Y W	s 8.20Am	. 3 3 OPm
1 1140	6.50	äs		0.1	DUVALL	8.5			. 7.86	. 2.35
1 1 H 10Pm	1 7 16fm	33	45	17.6	TOLT	0.0		T W	7.15km	2.00Pm
Except Succes	Arrive Daily								Leave Daily Except Sunday	Leave Daily
393	391								390	392
11.10	19:45				Time over District Average Speed per Hour				1.05	1 30

Eastbound Trains have right of Track over Westbound Trains of the same class.

Internal Statemes | Total 2001-2002 Minimum 291-303. Turning Statemes | Minimum 2001-202.

NAME	LOCATION	OPERS	LENGTH	CAPACITY
Stephens Bird Ind, Spur Stephens Bird Logging Co.'s Spur Cerenis Spur C B Spur O'Neil Gowan Spur C V. Log Co.'s Spur Novelty Spur	4.6 Miles west of Monroe. 5.2 Miles west of Monroe. 6.4 Miles west of Monroe. 7.3 Miles west of Monroe.	West East West East West West West	510 ft. 388 ft. 268 ft. 418 ft. 485 ft. 474 ft. 656 ft.	10 7 6 8 9

10	WEST	BOUND.

#### FOURTH DISTRICT-ANACORTES TO ROCKPORT.

#### EAST BOUND.

D CLASS.	SECOND	CLASS.		FIRST	CLASS.		CAPAC	ITY OF					1			FIRST	CLASS.		SECOND CLASS.	THIRD
724	1	400	284	292	290	280	1	· ·		Time Table No. 75.					289	279	291	283		- CLASS
Mdse. Freight		Mixed Passenger Passenger Passenger Passenger Passenger E Samenger Passenger Passenger Passenger E Samenger E		in Elisett Sept. 3, 1911.	3	· Line		IIGNS. ule 7, page 15		2/3	201	203	399	723						
Leave Daily		Leave		-		Leave	- 1	lie.	14	STATIONS.	- 6	1 min	-		Passenger	Pamenger	Pasernger	Pamenger	Mixed	Mdse. Frei
Except Sunday		Daily	Leave Daily	Daily	Daily	Daily	1 -	ő	14	STATIONS.	12	Pare			Arrive Daily	Arrive	Arrive	Arrive Daily	Arrive Daily	Arrive Da Except Sun
6.20km					4.10Pm	6.00Am	12			ROCKPORT	RK	53.7	R D	yw	. 2.10fm	. 9 10fm	1			4.10
6.45					1 430	1 617	22		5.5	5.3 FABER		47.9			1 1.50	1 8.54				
7.10					. 4.44	. 6.26		3	9.1	CONCRETE	BA	44.0			1.37	8.43				3.15
7.45					1 4.50	1 6.32	ער		10 2	11		43 5								2.85
9.15					5.03	. 847	43		15.5	BIRDSVIEW	_		-		1 1.25	f 8.33				2.00
8.55					. 5.18	7.09	39	10	20.6	5.1		38 2	-	2004		8.20				1.30
9.20					6.31	7.13	1	_		HAMILTON	н	33.1		w	1255	8.07				12 55
9.50							-	_ 25	21.9	LYMAN		29.8			12.40	1 7.55				12.15
723 10-15					1 5 46	1 7.27	72		29 2			24.5			1 12.22	1 7.40				11.15
10-16					8.05	1 7.42	35	64	32.4	SEDRO-WOOLLEY	WL	21.3		ĸ	12.10m	. 7.31				10.15
11.30 259		***			1 6.12	f 7.48		7	34.7	STERLING		19.0			1 11.88	1 . 7.19				
11-30 259 12-46Pm		7.23 8-35Am	7.15Pm	11 50Am	s 6.25Pm	8.00km	15	225	37.2	BURLINGTON .	BU	15.5	R D	N COWYX	724 11.504m	7.10Pm	1 11 15Am	5.25m	* 8.00Am	9.45
1.00		8.43	1 7.24	11.58				25	40.0	2 8 AVON		13.7			11304	7.2078				
1.15		9.50	1 7.83	f 12.06Pm				7	42.6	FREDONIA	1		_				11.05	6.14	• 7.49	8.15
1.30		8.57	7.40	. 12 15			25	_	44.1	whithey	-	11.1	_				1 10.58	1 6.07	7.89	8.00
							-			DRAW BRIDGE	-	9.6			_		• 10.53	6.00	. 7.81	7.50
2.00		916	7 7 58	1 12 30			-	-	44.3		-	7.4			-					
2.20hn						-	i-	4	10.0	FIDALGO	-	4.1					1 10.87	1 5.46	7.16	7.80
Arrive Dally		9.30Am	s 8.10Pm	12 40fm	Amina	1-1	-	94	53.7	ANACORTES.	. AC		R D	T W			10.25ks	5.35Pm	7.00Am	7.18An
Except Sunday		Daily	Arrive Daily	Daily	Daily	Arrive Daily									Leave Daily	Leave Daily	Leave	Leave Daily	Leave Daily	Leave Dail
724		400	284	292	290	280		1							289	279	291	283	399	723
6.7		18 2	18.2	19.5	2 15 16.6	2.00 18.5		-		Time Over District Average Speed Per Hour					2.20 16 0	2.00	19.5	19.5	1.00	9.33

#### Special Rules.

East bound trains are superior to west bound trains of the same class.

No. 724 has right over No. 723, Rockport to Anacortes. Yard limit boards are located at Burlington and Ameortes. All trains will reduce speed to 8 miles per hour over all draw bridges Bulletin boards are located at Anacortes, Burlington and Rockport

AL STATIONS.
Anacortes for trains Nos. 291, 283, 399 and 723.
Rockport for trains Nos. 280, 290 and 724.
Burlington for trains Nos. 284, 400, 292, 289 and 279.

TERMINAL STATIONS.

dINAL STATIONS. Anacortes for trains Nos. 292, 284, 400 and 724 Rockport for trains Nos. 289, 279 and 723. Burbugton for trains Nos. 283, 399, 291, 280 and 290.

NAME	LOCATION	OPENS	LENGTH	CAPACITY
uk Spur		West		2
wer Mill Co	0.3 Miles west of Fabor	East		19
an Horne's Spur	0.5 Miles west of Fabor	East		16
arpst Lumber Co. Spur.	0.8 Miles east of Faher	West		10
ashington Port Cement Co	0.7 Miles seet of Congress	East		30
perior Portland Cement Co. Spur	0.7 Miles west of Concrete	West	1224401111	28
rpee Shingle Spur	0.4 Miles west of Grassmere	West		-8
na Shingle Sour	2.0 Miles west of Grassmere	West	100 0 100	- 3
L. Snur	02 Miles west of Hamilton.		10000	2
p Ranch Spur	On Miles west of Hamilton.	West		0.4
git Mill Co. Spur		West		3
gie atti Co. apur	Lyman	West		22
chock-Kelly	0.1 Miles west of Lyman	West		3
kler's Mill.		Roth ends		13
en Mill Spur	3.3 Miles east of Woolley	Both ends		22
and Iron Spur	Wootley	West		7
brook's Spur	0.4 Miles west of Wootley	West		
lington Mill Spur	O.6 Miles west of Bushington	West		0
th Avon Lumber Co. Spur	0.3 Miles west of Avon	West.		0
kin's Spur		East		2
ahan-Abbott Spur				7
vel Pit Spur	- Fredonia	West	200000000000000000000000000000000000000	- 6
Rollway	. 5.9 Miles east of Anacortes	West		9
Notive Toland China Co. C.	1.5 Miles east of Anacortes	Both ends	*********	22
algo Island Shingle Co. Spur	4.6 Miles cast of Anacortes	East		2
algo Mill Spur	2.3 Miles east of Anacortes	East		3

*	COND CLA	SS.	SIDE	TRACKS		T				SECON	D CLASS.
387	397	397	Tracke	Tracke	Irom Su	Time Table No. 75.	Selle.	· wou	SIGNS.	398	388
Mixed	Mixed	Mixed	Passing 7	E	200		Telegraph	non non	See Rule 7, page 15	Mixed	Mixed
Leave Daily	Leave Tie., Thur., Sat	Wed., Fri	1	Other	Die	STATIONS.	Teler	Diermee		Arrive Daily	Arrive Dail
7.00As					0.0	SUMAS, WASH	S U	46.5	b cw	1	6.45h
					INTERNATIONAL BOUNDARY		46.5				
7 02		-	30		0 1	HUNTINGDON		46.4	w		6 40
7 15			41	21	3.6	ABBOTTSFORD	FS	42.9	D W		6.20
7.50				6	8.1	PINEGROVE		35.4			5.45
7.56			69	22	12.7	ALDEROROVE		33 8			6.20
6 10			28		16.9	ofree		29 6			1 4.45
0.00	_		67	20	21.6	LINCÓLN		24.9	w		1 420
U 00Am	4.0 OFm	3 45Pm	67		29.4		CL	17.1	R D Y	. 8.80Am	3.45Pa
	1 446	1 400		5	53.4	ALLUVIA		13.1		5 15	0.40/
	4 80	1 4.08		.	34.9	souTHPORT		11.6		8.10	
	4.60	4.10			35 9	COLENGOOK JCT		10 6	v	8.00	
	6 10	. 4.26	67	62	35.9		a	10.6	R DN W	7.56	
	6.15	4.30			36.7	QUICHON LINE JCT		9.8	Y	7.45	
	6.40	1 4.55		10	42.7	INVERHOLM		<i>x</i> -		7.25	
	1 655	1 5.10		3	45.1	CHALLUCTHAN	-	1 4	W 14 Mile East	7.10	
	6 00Pm	s 5 15Pm	10	10	46.5	GUICHON		0.0	w	7.00Am	
rrive Daile	That Fut	Wrd., Pri								Leave Daily Except Sunday	Leave Iraily Except Sunda
387	397	397	-							398	388
14 7	114	11.30		1		Time Over Dietrict				11 4	3.00

#### West bound trains are superior to east bound trains of the same class.

The normal position of switches at Colebrook Junction, Guichon Line Junction are for main line.

All trains Fifth District will protect against all Third District trains between Colebrook Jet. and Guichon Line Jet.

INITIAL STATIONS.

Guichon for train No. 398. Sumas for train No. 387. Cloverdale for trains No. 388 and 397. TERMINAL STATIONS.

Guichon for train No. 397. Cloverdale for trains No. 387 and 398. Sumas for train No. 388.

DERAIL SWITCHES

Derail switches must always be set for derail except when in actual use whether there are cars on the tracks or not Abbottsford east end of passing track.

INTERLOCKING governing B. C. E. Ry. crossing, Cloverdale, B. C. Distant signal on north side is located 2500 feet from crossing and has one arm showing caution at 45 degrees by day and yellow light by night. Home signal is located 75 feet from crossing and has two arms. Lower arm one indication STOP, upper arm in vertical position means proceed, and in horizontal position means STOP, by day, with green and red lights by night. Home signal on south side is located 15 feet from crossing and distant signal 1500 feet from crossing. Deraits are placed five feet inside each home signal. Normal position of signals will be clear for our line.

#### Business tracks not shown as stations on time table.

KAME	LOCATION	OPENS	CAR
Patterson's Spur- Smith Road Spur- Colebrook Road Spur- Colebrook Road Spur- Gravel Pit Spur- Surry Spur- Serridge Lin: Co. Spur- Lincolu Lb: Co. Spur- Aldermove Lb: Co. Spur-	0.1 Milcs east of Guichon 2.9 Milcs east of Guichon 5.7 Miles east of Guichon 5.8 Miles east of Guichon 6.8 Miles east of Guichon 6.2 Miles west of Cloverdale 3.3 Miles west of Cloverdale 1.1 Milcs west of Cloverdale 1.1 Milcs west of Cloverdale 1.1 Milcs west of Cloverdale 1.0 Milc west of Cloverdale 1.0 Milc west of Otter at Otter at Otter 5. Miles and of Lincoln 5. Miles west of Pinegrove 5. Miles and of Lincoln 5. Miles cast of Lincoln 5. Miles and of Lincoln	East West West West West West West West East East East Both West	3 1 9 2 3 5 9 3 15 30 2 15 20 40

#### SOUTH BOUND.

### SIXTH DISTRICT-FRASER RIVER ICT. TO CLOVERDALE.

#### NORTH BOUND.

	SECOND	CLASS.			-			1		1	1			- Calculation
387	397	397	385	7	7.	T T	Time Table No. 75.		1			SECONI	CLASS.	
			303	Capacity er Sidings	Car Capacity of Pamine Tracks	River Je	In Effect Sept. 3, 1911	1	Es.	SIGNS	396	384	398	386
Maxed	Mixed	Mixed	Mixed	0:	2.5	5 2		l d	11	See Rule 7, page 15.	Mixed			
Leave Sat	Tur Thur Sat	Leave Mon.	Leave Daily	35	3.5	100	STATIONS.	1 4	23	1		Mixed	Mixed	Missi
	1000		i Execut Summa	-	-	1		1 -			Ther. Sat	Thur., Sat.	Arrive Daily Except Sunday	Arrive Daily Except Sunday
	2 47Pm	2 4 7Pm	1.10Pm			0.0	FRASER RIVER ICT	1	20.3	1	i		10.3549	11 05 Am
	2 5 3	2 63	1.15		1	1.0	LIVERPOOL		19.3					
1						3.3	BON ACCORD		_	W 2 Miles South	-		10.30	10.55
	1 0.20	3 20	2.00		17	9 0	PORT KELLS	1	11.3	Tr a states amount				
H 404n	. 3.35	1 3 3 5 Pm	2 45Pm	67		15.0	CLOVER DALE	CL	5.1	R D	9.204	4.90%	1 10.05	10.30
8.5 Me	1 4 00fm					20.8	HAZELMERE					2.00/10	9 45Am	9 5 5 Am
Africa San	Too Time but	Arrive Mon., Wed., Fri	Arrive Lints				HALLEMERE	-	0.0		9.05Am	4.05Pm	1	
			Except Sunday								Tue Thur Sat	Thur., Sat.	Leave Daily Except Sungay	Leave Daity Except Sunday
387	397	397	385		1					1	396	384	398	386
30. Vs	16:17	18.5	11.4				Time Over District Average Speed Fee Hour	-			20.0	15	10.00	1,10

#### Special Rules.

#### South bound trains are superior to north bound trains of the same class.

Initial Stations.

Hardings Nos. 385 and 397. Cloverdale for trains Nos. 386, 387 and 398.

Hardings for trains Nos. 384 and 396.

Cloverdale for trains Nos. 385, 396 and 397. Hazelmere for trains Nos. 387 and 397. Fraecr River Jet. for trains Nos. 386 and 398. Trains will register at Cloverdale.

All Sixth District trains will protect against all Third District trains between Fraser River
Junction and New Westminster. All trains will reduce speed to 8 miles per hour over all draw bridges.

NAME	LOCATION	OPENS	CAR
Hazelmere Spur.	0.5 Miles south of Liverpool 1.0 Miles north of Liverpool 2.0 Miles north of Cloverdale 2.2 Miles north of Blaine. 0.5 Miles south of Port Kells 3.4 Miles north of Elaine. 2.0 Miles north of Port Kells	North South South South North South South	15 2 8 7 4

### CAPACITY OF ENGINES IN ADDITION TO WEIGHT OF ENGINES, TENDERS AND CABOOSES.

STATIONS	Ruling Grade	Cla	м М2-	2-1950-199	<b>390</b>	Cla	≠ L1-1	-1900-192	21	Cla	as L2-	-1800-18	344	Cla	F5- F6- F7- F8- F9-	-1095-10 -1100-11 -1110-11 -1130-11 -1140-11 -1300-13 -800-8	109 129 139 199 324	C	G2 G3	2-700-71 1-720-76	9	Ci	D5-	500-565 450-476		Cla	nse D2-	300-35	59	C	lass De	4-400-42	26	а	lass B6-	-232-2	:38
		1	2	3	4	1	2	3		1	2	3	4	1	2	3	4	1	2	3		11	2	3		1	2	3	•	1	2	3	4	ı	2	3	
verett to Skykomish	1.0	1700				1600				1400			1000	1200				1000				775			+	575			-			-		-	-	-	-
cykomish to Cascade Tunnel	2.2	850		1	1	800			Carry.	700				600	1			400	1		****	200				- 1	****		****	715			1,111	385		100	-
secade Tunnel to Leavenworth .	Down	1900		1	f!	1800	1 1			1900			4	1500	1							000				276				340	****	****		183			1.
eavenworth to Cascade Tunnel .	2.2	850			1	800	1			700	, 1	1 1	4	600					2.51	12.00		77.00							****			200			- 1	****	1.
attle to Delta	0.5	1		[]	1	1	1	1	1	100	1	1	3				****				- 1	360	18 1		- 1			4.50	Ecc	340				185	200		
ita to Seattle	0.4		1						1	1	1	1	1 1	2100	1	· · · i						POWERS I			- 1									1222		144	1
scade Tunnel to Lowell	Down	1900	1			1800			1	1800											- 1	1000				1120					3.644						
vana to Delta	0.5	1	1	100				1000		1800				1500	1				11.77.5542							***										4000	
elta to Silvana	0.4			( )																		1080				875											1
ellingham to Silvana			1000	1		1				****		***	1000				****	1800				1460			1	1120							****			*10.4	1
vana to Bellingham			1	( )	1	****	****		****	22.00	( march		10.64					1800			****	1350			., 1	1050			,,,,,		***		****				1
llingham to New Westminster			7.00					****	****		( and		****	2100				2100			41141	1350				1050	· · · ·									1	1
	1.1	****		1355	(manual)		1 1		****		2000			1080	mod			900				700		f		515											1
w Westminster to Bellingham	1.5		1	[	8.5	1 3	1000	and	, see		1	1777	1511	800		1122		675				600				485											ì

WEATHER RATING

1—When temperature is 26 degrees above zero or over 2—Very frosty or wet. 5 to 25 above zero.

3—Five degrees above to 10 below zero.

4—Ten below zero and colder.

· Chief Train Dispatcher may increase or decrease above ratio; as it may be found necessary.

### Weight of Empty Cars and Dead Engines and Tenders will be estimated as follows, when not marked:

	the Control of the Co	
Box Cars, 28 to 30 foot		11 Tons
Box Cars, 33 foot		12 Tone
Box Cars, 34 foot		13 Tons
Box Cars, 36 foot		15 Tons
Box Cars, 40 foot		17 Tons
Refrigerator Care		20 Tons
Furniture Cars, 30 to 40 foot.		17 Tons
Furniture Cars, 40 to 50 foot .		19 Tons
Cabooses, 8 wheel		17 Tons
Cabooses, 4 wheel		17 Tons
Flat Cars, 28 to 30 foot		9 Tons
Flat Cars, 33 and 34 foot		····· 9 Tons
Flat Cars, 40 foot		
Coal Cars		. 12 Tons
Gondola Care	9 (2000)	12 Tons
Ore Cars, Wood	***********	13 Tons
Ore Cars, Steel.		12 Tons
Oil Tanks		15 Tons
Oil Tanks		15 Tons
Ballast Cars		12 Tone
Steam Wreckers		75 Tons
Engine Tank (Empty) Mail Cars		30 Tons
MAII CAM		25 Tons
Daggage Cars		20 Tone
Coaches, 5 wheel		20 T
Coaches, 12 wheei		26 T
Dining Cars and Tourist Cars		40 Tone
Sleeping Cars, Parlor Cars and	Observation Cars	40 Tons

#### Weight of Dead Engines.

Engines	numbered	below 200 series 80 Tons
Engines	numbered	in 200 series 90 Tons
Engines	numbered	in 300 series ge Tone
Engines	numbered	in 400 series
Lagines	numbered	in 500 series 115 7 one
Engines	numbered	in 600 series 120 Tone
Engines	numbered	in 700 series
Logines	numbered	in 800 series
Lugines	numbered	in 900 series (except 997 to 997) 115 Tons
Engines	numbered	1000 to 1007
Engines	numbered	1050 to 1069
Engines	numbered	1079 to 1095
Engines	numbered	in 1100 and 1200 series
Engines	numbered	in 1300 series
Engines	numbered	1400 to 1405
Engines	numbered	1406 to 1425 188 Tons
Engines	numbered	in 1500 and 1600 series 179 Tops
Engines	numbered	in 1700 series
Engines	numbered	in 1700 series
Former	numbered	in 1800 series 219 Tons
rang mea	numbered	in 1900 series

The following will govern when handling empty cars: With 10 or less empty cars in a train no allowance will be made for wheel riction; with 10 to 20 empty cars in a train add to actual weight 5 tons for each empty car for wheel friction; with more than 20 empty cars in a train add 6 tons per car for wheel friction.

#### Speed Limits for Trains.

Between	Passenger	Freight
eavenworth and Skykomish	35 miles per hour.	20 miles per hour.
Through Cascade Tunnel	20 miles nee bour	
kykotnish and Gold Bar	o miles per nour.	15 miles per hour.
old Bas and Davids Assessed	40 miles per hour.	20 miles per hour.
old Bar and Pacific Avenue	50 miles per hour.	25 miles per hour.
herry Valley Line	25 miles per hour.	15 miles per hour.
Sverett Jet, and Seattle	50 miles ner hour	
Delta Wye and Samish	50 miles per hour.	25 miles per hour.
amish and Bellingham	30 miles per nour.	25 miles per hour.
Jalling and Delingtian	40 miles per hour.	20 miles per hour.
Sellingham and Still Creek	45 miles per hour.	25 miles per hour.
till Creek and Vancouver	20 miles per hour.	15 miles per hour.
kagit Branch	25 miles per hour.	
kagit Branch Fraser River Jet. to Cloverdale	25 miles per nour.	15 miles per hour.
wichon to Cloverdala	25 miles per hour.	15 miles per hour.
Juichon to Cloverdale	25 miles per hour.	15 miles per hour.
loverdale to Sumas	30 miles per hour.	20 miles per hour.
loverdale to Hazelmere	20 miles per hour.	15 miles per hour.

L-1, L-2 and M-2 engines will not exceed speed of 25 miles per hour. F-7, 8 and 9 engines will not exceed speed of 30 miles per hour.

#### 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.

Electric Train Staff Block Signal System in operation between Leavenworth and Skykomish.

See Blue Print Diagrams of Staff Block Semaphores and Machines which is posted on Bulletin Boards

The use of the divided staff through Cascade Tunnel and all rules and instructions pertaining thereto will continue in effect.

All rules relating to the protection of trains are in force and are only modified by the General Instruct-

- All trains and engines in both directions will be governed exclusively in their movements by the train staff.
- Home and Distant semaphores are located at each block station. Home signals are located at the passing track switches. Distant Signals are located about 4000 feet from home signals. The signal indications are illustrated by figures Nos. 1, 2, 3, 4, 6, 7, 8 and the meaning of the positions of the signal arms and lights is explained under the diagrams. In all cases the block signals are located upon the right of and adjoining the track upon which trains are governed by them. The semaphore arms that govern are displayed to the right of the signal mast as seen from an approaching train.
- The possession of the staff by the Engineer gives his train the absolute right of track to the next block.

ENGINEERS MUST KNOW THAT THE STAFF IS IN THE POUCH BEFORE PROCEEDING.

- The staff will be handled by the Engineer of the leading engine of the train; and the staff must be in the actual possession of the Engineer before he moves his train into a block, and such engine must 12. not be uncoupled from the train except at a block station. The Conductor will receive a "proceed" signal from Block Operator to indicate that staff has been delivered to Engineer. (See Rule 29).
- In the case of an engine pushing a train, it must be considered as part of that train through to the next block station, and may be uncoupled only at a block station. Such engine, if then uncoupled, must be treated as a separate train.
- When a staff has been secured by the Engineer, he will announce the fact by sounding one short, one long and one short blast of the whistle, thus (o-o).
- An absolute staff permits but one train at a time to use a block. See D figure No. 9.
- 6-A. A permission staff disc, permits two or more trains in the same direction at one time to use a block on ascending grade only. Each train must be in possession of a permissive staff disc before proceeding. See C, Fig. No. 9.
- 6-B. Permissive staff complete permits but one train at a time to use a block. See B. Fig. No. 9 and Rule 15. N . 22.F
- The delivery of the staff to the Enginemen will be cother by staff crane, hand of Black the ator, or the Conductor or head Brakeman of his own train and the Engineer must not accept delivery of a staff from any other person. Block Operators will not deliver staff to any other than one of these employes.

Block Station by dropping same at a designated spot, or, in case of taking siding, and it cannot be personally delivered by Engineer, it will immediately be sent to Block Operator by head Brakeman or Conductor.

UNDER NO CIRCUMSTANCES WILL A STAFF BE TRANSFERRED FROM ONE TRAIN TO ANOTHER. IT IS THE DUTY OF THE BLOCK OPERATOR TO SEE THAT ALL OF THE TRAIN CLEARS THE BLOCK BEFORE IN-SERTING STAFF INTO INSTRUMENT

- In case a train parts, or it is necessary to "double," the staff must be retained by the Engineer until all the train is clear of the block. A train is clear of a block when it has passed the home signal. A train proceeding on main track enters a block at the block office. It may occupy the main track inside of home signals in either direction to do station work or to allow another train to enter the sidetrack, but must not proceed until in possession of a staff, as per Rule
- 9-A. A train making switching movements may use the main track to, but not beyond the distant signal, when protected as per Rule 99. Superior class trains must not be delayed.
- Enginemen and Trainmen will carefully note the position of all signals and be governed accordingly in the movement and protection of their trains. See Figs. Nos. 1, 2, 3, 4, 6, 7, S.
- Conductors and Engineers, before leaving initial points, must secure clearance card, Form 219.
- Block Operators, unless otherwise instructed by Train Dispatcher, will staff the train of superior time table rights and side track the inferior train when a meeting point developes at their station.
- When it is desired to reverse the right of track, trains will be moved by Train Dispatcher's orders on 21. Form 19, issued to Block Operators giving instructions to staff the train that is to receive preferred attention, and side track the superior train.
- existence of the train, will occupy the block after receiving the absolute staff until same is surrendered at a block station at either end of the block. They will be given a time by the Train Dispatcher when delivery shall be made, and unless otherwise instruced, they shall clear the block and deliver the staff to the Block Operator so that regular and extra trains will not be delayed. Train Dispatcher may authorize the delivery of a permissive disc in the prescribed direction to enable work train to work under protection of flag until following train approaches
- In case of failure of staff apparatus afficoncerned must be notified and trains will be moved by train orders until it has been repaired. In such event, the train order takes the place of the staff, though only one block on each train order and this order must be given jointly to the Conductor and Engineer of the train and the Block Operator at both ends of the

- Staff will be deliverd by Engineer on arrival at 15-A. In the event of staff apparatus and other means of communication becoming out of order due to the breakage of line wires or other causes, trains will move in accordance with general rules and time table rights, obtaining at each block office, block card, Form No. 2615 signed by Block Operator.
  - 15-B. When a staff apparatus has been repaired it will not be put into use until authorized by Train Dispatcher.
  - 15-C. Before issuing train orders, superseding staff system, the Train Dispatcher must know that block is clear and the Block Operator and Train Dispatcher must know that the full number of staffs are in the two instruments of this block.
  - In case a staff should be lost, the staff instruments in this block are inoperative and trains must be moved only by the authority of Train Dispatcher, who will then issue train orders. The staff can only be replaced by Signal Repairman who has charge of the staffs not in use. No extra staffs will be allowed in the possession of any other employe.
  - Should a train pass a block station without markers, the Block Operator must notify the Train Dispatcher and the next block station in each direction and must not report that train clear of the block until he has ascertained that the train is complete.
  - A record of all trains must be kept at each block station on Form No. 290.
  - In case of unexpected delay to a train to which a staff has been delivered, same can be recalled by Block Operator and return of staff to the instrument will cancell the authority given to such train to proceed. The train then has no right to main track until given another staff.
  - Block Operators must not deliver a staff received from one train to another train. It must be placed in the instrument and another withdrawn in accordance with the rules.
  - BLOCK OPERATORS WILL HANDLE THE STAFF MACHINES IN ACCORDANCE WITH THE RULES AND GENERAL INSTRUCTIONS FOR OPERATING STAFF INSTRUMENTS.
- Work trains, after receiving orders authorizing the 21-A. When two or more trains bound in opposite directions are at a block station, Block Operator must exercise great care in delivery of staffs and must know that the staff is delivered to the train for which it was withdrawn.
  - Absolute staffs (See D. Fig No. 9) must be used for all trains on decending grades, or eastbound from Cascade Tunnel to Leavenworth, and westbound from Tye to Skykomish.
  - 22-A. Permissive staff discs (Sec C, Fig. No. 9) may be used on ascending grades, or westbound from Leavenworth to Cascade Tunnel and eastbound from Skykomish to Tye, for all trains except as per rule 22-B.
  - 22-B. Permissive staff discs must not be given to Engineers with light engines or light tonnage trains to follow a passenger train.
  - 22-C. Trains moving under authority of a permissive 36. staff disc must protect against following trains as per Rule No. 99.

- 22-D. When two or more trains use permissive staff discs the last train will be given the permissive staff (See B, Fig. No. 9) with all the remaining discs and this confers the same rights as a single permissive staff disc.
- 22-E. The Block Operator receiving the permissive staff must at once assemble on it in numerical order all the permissive discs received from preceding trains and place the complete permissive staff in the permissive attachment.
- 22-F. The first train in the opposite direction (descending the grade) must be given the complete permissive staff, which confers the same rights as an absolute
- When no train movement is imminent, home signals must be kept in stop position.
- Block Operators must not make nor permit any unauthorized alterations or additions to the apparatus. If alterations or additions are made, the work will be done under the direction of the Signal Super-
- If any electrical or mechanical appliance fails to work properly, the Signal Repairman and Train Dispatcher must be notified and only duly authorized persons permitted to make repairs.
- Block Operators must have the proper appliances for hand signaling (a yellow flag by day and a yellow light by night) ready for immediate use. Hand signals must not be used when the proper indications can be displayed by the fixed signals. When hand signals are necessary, they must be given from such a point and in such a way that there can be no misunderstanding on the part of Enginemen or Trainmen as to the signals or as to the train for which they are given.
- Block Operators are responsible for the care of the block station, lamps and supplies and of the signal apparatus unless provided for otherwise.
- Lights in block stations must be so placed that they cannot be seen from approaching trains.
- Block Operators will remain in view until the rear of a train has passed and will give a "proceed" signal to the Conductor on rear of train to indicate that a staff has been delivered to Engineer.
- The Engineer of a train which has parted must sound the whistle signal for "train parted" on approaching a block station.
- An Engineer receiving a "train parted" signal must answer by two short blasts of the whistle.
- When a parted train has been recoupled the Block Operator must be notified. If the track is obstructed between block stations
- notice must be given to the nearest Block Operator. If a train is held by a block signal to exceed two
- minutes, the Conductor must ascertain the cause. 34-A. The Conductor must report to the Superintendent any unusual detention at block stations.
- Special attention of all concerned is directed to meaning of caution signal as shown by Fig. No. 2.
- Staff instruments must be kept locked. Keys will be furnished to the signal repairman but to no other person.

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#### SPECIAL RULES.

- 1. Freight trains will not carry passengers.
- Horizontal position of the semaphore blades by day and yellow light shown by night indicates that switches with which the distant signals are connected are open and approaching trains should immediately be brought under control.
- Diagonal position of the blades and green lights displayed at night indicate that swit hes with which the distant signals are connected are properly set and train should proceed as per rule.

#### REFERENCE MARKS.

- In addition to signs provided for in rule 7, Book of Rules, the following signs in column headed "Signs" indicate:
  - D Day telegraph or telephone office.
  - N Night telegraph or telephone office.
  - DN Day and night telegraph or telephone office.
     P Dispatcher's telephone accessible at all times.
    - I Interlocked.
  - K Connection with foreign road.
  - · Standard clock.

#### PERSONAL INJURIES.

1 Whenever passengers or employes are injured, everything must be done to care for them properly. If they are able to be moved, take them for treatment to the nearest place at which the Company has a surgeon. If they cannot be moved, call the nearest Company surgeon. If the case is urgent and the Company surgeon cannot be immediately procured, the conductor, agent or officer in charge is authorized to call the nearest surgeon available to administer first aid and care for the patient until the Company surgeon can take charge of the case.

No surgical operation must be performed until the arrival of the Company surgeon, unless it may be required for the immediate safety of the patient.

2. In cases of serious accidents to trains, conductors, after making everything safe, must give their undivided attention to the care and comfort of their passengers, especially to those who are injured. Bedding and linen may be taken from sleepers for this purpose, the conductor keeping careful account of all material so taken, and its return or safe keeping attended to; and, when necessary, injured persons may be put in the sleepers.

When a number of persons are injured, the service of competent surgeons in the vicinity should at once be secured, and every possible effort made to care for the injured, the Division Surgeon being notified by wire to come immediately to the place of the accident.

3. When tramps, boys and other persons, climbing on or jumping from moving trains, or persons walking or lying on the track, are injured or killed, they should be sent to their homes or placed in charge of the local county, city or village authorities, and no expense incurred on the part of the Company in the matter.

4. When people are killed away from a station the body should be picked up and taken to the nearest station and the authorities notified. Never take a body out of the county where the accident happened if it can be avoided, but if there is no station in that county take it to the nearest station in the next county, notifying the county authorities in all cases.

A report of all accidents must be made, and immediately sent by wire to Superintendent, giving all information. In reporting accidents to trains carrying passengers, conductors should give the correct names of the injured and uninjured, the addresses and destinations of all persons on the train, and of the injured, and the extent of their injuries. This report must be sent from first telegraph office to the General Claim Agent and to the Assistant Claim Agent in whose jurisdiction the accident occurs.

As soon as possible thereafter Form 245 should be made out by each employe and forwarded to the Superintendent of the Division; a separate report being made for each person injured.

Every effort must be made to procure the names and addresses of all persons, outsiders as well as employes, who witnessed the accident, especially when persons are injured within the corporate limits of any city, town or village, or when crossing the tracks at a public highway.

7. In every case of personal injury in any Department, a full and complete report must be made at once by every employe immediately present, no matter whether he considers his statement of importance or not, answering every question as (ully as possible.

8. When persons are injured by an accident which may have been caused by defective appliances, tools or machinery, the car or appliance, tool or machinery must be immediately examined by the person in charge to ascertain its condition, and report made of the inspection, giving the numbers and initials of cars examined, with names, occupation and address of the persons making the inspection. This inspection must be made before the car or engine leaves the place where the accident occurred, and afterwards at the first district terminal by the inspector, foreman, or Master Mechanic at such point, the Superintendent to notify such person of the necessity of making such examination. When an accident is caused by the breaking of machinery, tools, appliances or rails, the broken parts must be so marked as to be readily identified, and immediately turned over to the Superintendent.

9. This Company will not recognize any responsibility for board, medicine, nursing or surgical attention furnished by other than Company Surgeons, except for the emergency service required under Rules 1 and 2, unless authorized by the Superintendent, General Claim Agent, or a general officer of the Company, and when so authorized the General Claim Agent should at once be notified.

#### COMPANY SURGEONS.

Dr. J. A. Quinn, Chief Surgeon, Ernst Building, Cor. 5th and Wabasha, St. Paul.
Dr. J. W. Chamberlin, Ophthalmic Surgeon, Lowry Building, St. Paul.
Leavenworth DR. G. W. HOXSEY
Skykomish. DR. C. E. GREASON.
Monroe DR. H. K. STOCKWELL.
Everett
Interbay
Seattle
Seattle

Facoma	DR	IAMES A LA GASA
Burlington Bellingham	DR.	H. E. CLEVELAND
Bellingham	.DR.	W. A. KIRKPATRICK
Blaine	.DR.	A. S. REEDY.
New Westminster	.DR.	GEO. E. DREW.
Vancouver	.DR.	A. S. MONRO.
Anacortes	.DR.	GEO. B. SMITH.
Woolley	.DR.	M. B. MATTICE.

#### TIME INSPECTORS.

Time instance				
Leavenworth         F. E. CARLQUIST.           Seattle         J. F. HUNTER.           Burlington         J. IJ. CROSSBY.           Everett         R. G. COLVIN & CO.	Bellingham         BEHRENS & SON.           Vancouver, B. C.         PAUL & McDONALD.           Centralia, Wash.         BEN SALICK.           Portland, Ore.         C. CHRISTENSON.			

E. O. WADHAMS, Dispatcher.

G. E. WELLEIN, Dispatcher.

C. O. JOHNSON, Dispatcher.

F. J. ROE Dispatcher.

T. H. REED, Dispatcher.

C. E. LAMKIN, Dispatcher.
14. L. CAULKINS, Dispatcher
D. MOORE, Ass't. Chief Dispatcher.

G. R. MILLER, Chief Dispatcher.

S. CORRIGAN, Train Master. W. H. BROKAW, Train Master J. C. DEVERY, Assistant Superintendent.