COMPANY SURGEONS

*Dr. Abbott Skinner, Chief Medical Officer	St. Paul
*Dr. Hugo F. Schroeckenstein, Asst. to Chief Medical Officer	St. Paul
Dr. David A. Burlingame, Roentgenologist	St. Paul
*Dr. R. K. West	Cut Bank, Montana
Dr. James R. Markette	Cut Bank, Montana
Dr. T. B. Moore	Kalispell, Montana
Dr. W. F. Bennett	Columbia Falls, Montana
*Dr. Bruce C. McIntyre	Whitefish, Montana
Dr. Jerrold E. Johnson	Whitefish, Montana
Dr. Robert D. MacKenzie	Libby, Montana
Dr. William T. Matthews	Libby, Montana
*Dr. Clifford J. Edwards	Bonners Ferry, Idaho
Dr. Franz H. Siemsen	Sandpoint, Idaho
Dr. R. B. Morrow	Newport, Wash.
*Dr. E. B. Coulter	Spokane, Wash.
Dr. Robert J. Albi	Hillyard, Wash.
Dr. C. M. Canning	Colville, Wash.
*Dr. John C. Carpenter	Nelson, B. C.

*Designates also Examining Surgeon.

OPHTHALMIC SURGEONS

(Eye Doctors)

Dr. H. D. Huggins	Kalispell, Montana
Dr. Philip B. Greene	Spokane, Wash.

O. E. FISHER, Asst. Superintendent.
D. H. CARPENTER, Chief Dispatcher.
W. F. HALLINAN, Master Mechanic.
D. E. PARKS, Trainmaster.
A. R. McKEEN, Trainmaster.
P. A. FREUEN, Trainmaster.
R. A. HARRIS, Trainmaster.
M. J. COSTELLO, Traveling Engineer.
J. L. GARRITY, Traveling Engineer.
E. N. ROBERSON, Traveling Engineer.

GREAT NORTHERN RAILWAY COMPANY

KALISPELL DIVISION

TIME TABLE 101

EFFECTIVE 12:01 A. M.
MOUNTAIN STANDARD TIME
AND
PACIFIC STANDARD TIME

Sunday, October 27, 1963

MOUNTAIN STANDARD TIME GOVERNS FIRST, AND THIRD SUBDIVISIONS.

PACIFIC STANDARD TIME GOVERNS SECOND, FOURTH, FIFTH, SIXTH, SEVENTH, EIGHTH AND NINTH SUBDIVISIONS.

H. M. SHAPLEIGH, Superintendent.

C. M. RASMUSSEN, General Manager.

H. J. SURLES
General Superintendent Transportation.

Printed in U.S.A.

MOUNTAIN STANDARD TIME

Time Table No. 101

Effective October 27, 1963

Station Numbers	Car Capacity: Sidings	Car Capacity: Other Tracks	FIRST CLASS 31 Daily	FIRST CLASS 27 Daily	Distance from Cut Bank		STATIONS		Telegraph Calls	Distance from Troy	SIGNS	FIRST CLASS 32 Daily	FIRST CLASS 28 Daily	SECOND CLASS 494 Daily	SECOND CLASS 490 Daily	SECOND CLASS 492 Daily
1087	130	265	L 3.38Pm	L 5.50Am	0.00	Double Track	CUT BANK ★	CTC ABS	CT	260.88	BDNIK PRXW	A 9.25Am	A 5.55Pm	A 2.35Pm	A 1.35Am	A 7.45Am
							9.60									
1095	109	30	3.49	6.01	9.60	Double Track	SUNDANCE	CTC ABS		251.27	P	9.12	5.43	2.20	1.17	7.30
							16.64									
1112	120	279	4.07	6.19	26.24	Double Track	BLACKFOOT	CTC ABS	BF	234.63	DPY	8.52	5.23	1.55	12.47	7.05
							7.29									
1120	127	180	4.17	s 6.34	33.53		BROWNING ★	CTC ABS	BG	227.34	DNP	8.44	s 5.12	1.40	12.32	6.55
				492			5.39									57
1125	133	15	4.25	6.42	38.92		TRIPLE DIVIDE	CTC ABS		221.95	P	8.38	5.00	1.30	12.21	6.42
							7.95									
1133	95	92	4 35	f 6.55	46.87		GLACIER PARK ★	CTC ABS	MD	214.00	DNPYW	8.28	f 4.47	1.15	12.01Am	6.12
			28				2.71						31			
1136	112	10	4.39	7.00	49.58		BISON	CTC ABS		211.29	P	8 23	4.39	1.05	11.55	6.07
							3.12									
1141	116	10	4.44	7.04	52.70		RISING WOLF	CTC ABS		208.17	P	8.18	4.27	12.58	11.48	6.01
	E 98						6.25									
1147	W125	31	4.54	7.14	58.95	Double Track	SUMMIT ★	CTC ABS	SM	201.92	DNPIYXW	8.09	4.18	12.45	11.33	5.45
							6.80									
1153	E 60	9	5.06	7.26	65.75	Double Track	BLACKTAIL	CTC ABS		195.12	P	7.51	4.02	12.25Pm	11.18	5.20
							7.50									
1161		57	5.22	7.42	73.25	Double Track	NIMROD	CTC ABS		187.62	IP	7.33	3.46	11.55	10.48	4.55
	E115						3.90				KDNP					
1165	W136	93	5.29	f 7.52	77.15	Double Track	ESSEX ★	CTC ABS	SX	183.72	BOYXW	7.25	f 3.40	11.45	10.35	4.45
							5.66									
1171			5.38	8.02	82.81	Double Track	PINNACLE	CTC ABS		178.06	IP	7.15	3.29	11.30	10.05	4.30
	E116						10.21									
1181	W 99	14	5.53	8.20	93.02	Double Track	RED EAGLE	CTC ABS		167 86	IYP	6.58	3.11	11.10	9.25	4.10
							10.66									
1192	156	91	6.09	f 8.40	103.68		BELTON ★	CTC ABS	BE	157.20	DNPW	6.42	f 2.55	10.50	9.05	3.50
							7.88									
1200	64	75	6.19	f 8.52	111.56		CORAM	CTC ABS	CM	149.32	DP	6.30	f 2.41	10.30	8.45	3.35
							4.40									
1204		122	6.26	8.59	115.96	Double Track	CONKELLEY	CTC ABS		144.92	PI	6.24	2.33	10.20	8.37	3.25
							2.81									
1207	83	214	6.29	s 9.08	118.77	Double Track	COLUMBIA FALLS ★	CTC ABS	CF	142.11	DNJYXPW	6.20	s 2.30	10.15	8.30	3.18
							2.93									
1210		46	6.32	9.12	121.70	Double Track	HALF MOON	CTC ABS		139.18	P	6.16	2.20	10.10	8.20	3.10
							4.70									
1215	Yard	1720	A 6.40	A 9.20	126.40	Double Track	WHITEFISH ★	CTC ABS	WF	134.48	KRDNWP	L 6.10	L 2.15	L 10.00	L 8.01	L 3.01
			L 6.45	L 9.30							BOXZI	A 6.05	A 2.05	A 8.50	A 6.15	A 1.40
							5.39									
1220	151		6.52	9.36	131.79		VISTA	CTC ABS		129.09	P	5.56	1.56	8.40	5.55	1.25
							6.42									
1227	185	15	6.59	9.43	138.21		LUPFER	CTC ABS		122.67	P	5.49	1.49	8.30	5.45	1.15
							5.46									
1232	70	26	7.05	f 9.52	143.67		OLNEY	CTC ABS	KY	117.21	P	5.42	f 1.42	8.20	5.35	1.05
							5.77									
1238	141	17	7.11	9.59	149.44		RADNOR	CTC ABS		111.44	P	5.35	1.32	8.10	5.20	12.55
	W106						7.07									
1245	E113	17	7.19	f 10.08	156.51		STRYKER ★	CTC ABS	SY	104.37	DNPYW	5.26	f 1.23	7.55	5.08	12.40
							5.97									
1251	136	15	7.25	f 10.15	162.48		TREGO	CTC ABS		98.40	P	5.19	f 1.14	7.45	4.54	12.25
							4.62									
1256	130	40	7.30	f 10.25	167.10		FORTINE	CTC ABS	FR	93.78	DPW	5.13	f 1.05	7.32	4.45	12.10Am
							5.92									
1262	127	76	7.36	10.32	173.02		TOBACCO	CTC ABS		87.86	PI	5.06	12.55	7.20	4.37	11.50
							5.76									
1267	151	59	7.42	s 10.44	178.78		EUREKA ★	CTC ABS	KA	82.10	DNPW	4.59	s 12.48	7.05	4.30	11.35
	W130						8.88									
1276	E170	163	7.52	f 10.55	187.66		REXFORD ★	CTC ABS	RD	73.22	DPYW	4.50	f 12.35	6.45	4.15	11.20
							10.88									
1280	128	22	8.03	11.06	198.54		STONEHILL	CTC ABS		62.34	P	4.38	12.22	6.25	3.57	11.05
							11.06									
1282	138	5	8.15	11.17	209.60		URAL	CTC ABS		51.28	P	4.26	12.11	6.05	3.20	10.50
							4.95									
1287	128	4	8.20	11.22	214.55		VOLCOUR ★	CTC ABS	VR	46.33	DNPW	4.20	12.06Pm	5.55	3.00	10.42
							7.82									
1295	139		8.28	11.30	222.37		YARNELL	CTC ABS		38.51	P	4.12	11.58	5.40	2.50	10.30
				28			13.11						27			
1308	152	3	8.42	11.45	235.48		RIPLEY	CTC ABS		25.40	P	3.57	11.45	5.20	2.35	10.12
							7.22									
1315	265	175	8.50	s 11.58	242.70		LIBBY ★	CTC ABS	CK	18.18	DNPZW	3.48	s 11.32	5.05	2.10	10.00
							11.01									
1326	178		9.02	12.10Pm	253.71		KOOTENAI FALLS	CTC		7.17	P	3.35	11.13	4.45	1.45	9.45
							7.17				KRDNP					
1332	285	515	A 9.15Pm	A 12.20Pm	260.88		TROY ★	CTC	UX	0.00	BXIYW	L 3.25Am	L 11.05Am	L 4.30Am	L 1.30Pm	L 9.30Pm
			5.37	6.30			Time Over Subdivision					6.00	6.50	10.05	12.05	10.15
			46.44	40.13			Average Speed Per Hour					42.69	38.17	25.87	21.45	25.45

Westward trains are superior to eastward trains of the same class.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 18.

See page 10 for CONDITIONAL STOPS

Station Numbers	Car Capacity: Sidings	Car Capacity: Other Tracks	FIRST CLASS 1 S. P. & S. No. 1 Daily	FIRST CLASS 31 Daily	FIRST CLASS 45 S. P. & S. No. 3 Daily	FIRST CLASS 5 TOFC Daily Ex. Sat.	FIRST CLASS 27 Daily	Distance from Troy	Time Table No. 101 Effective October 27, 1963 PACIFIC STANDARD TIME STATIONS	Telegraph Calls	Distance from Fort Wright	SIGNS	FIRST CLASS 46 S. P. & S. No. 4 Daily	FIRST CLASS 28 Daily	FIRST CLASS 2 S. P. & S. No. 2 Daily	FIRST CLASS 32 Daily	SECOND CLASS 492 Daily
1332	288	515	.....	L 8.15Pm	.....	.....	L 11.25Am	0.00	TROY ★	UX	142.09	RDNPBK XIYW	.....	A 10.00Am	.....	A 2.25Am	A 5.30Pm
								6.69									
1340	142	19	.....	8.24	.....	.....	11.33	6.69	YAKT	.....	135.40	P	.....	9.50	.....	2.12	5.20
								7.02									
1347	128	24	.....	8.35	.....	.....	11.44	13.71	LEONIA	.....	128.38	P	.....	9.40	.....	2.02	5.08
								13.29									
1360	132	10	.....	8.55	.....	.....	12.04Pm	27.00	CROSSPORT	.....	115.09	P	.....	9.20	.....	1.35	4.40
								4.31				DNPVY					
1364	119	183	.....	9.02	.....	.....	s 12.14	31.31	BONNERS FERRY ★	BY	110.78	JW	.....	s 9.09	.....	1.29	4.30
								11.37									
1376	119	39	.....	9.16	.....	.....	f 12.30	42.68	NAPLES ★	NA	99.41	DPW	.....	f 8.58	.....	1.16	4.10
								7.39									
1383	130	32	.....	9.25	.....	.....	12.39	50.07	ELMIRA	.....	92.02	P	.....	8.48	.....	1.08	3.58
								6.82									
1390	116	11	.....	9.31	.....	.....	12.47	56.89	COLBURN	.....	85.20	P	.....	8.40	.....	1.00	3.46
								8.34				DNPVY					
1398	105	395	.....	9.39	.....	.....	s 1.00	65.23	SANDPOINT ★	S	76.86	ZW	.....	s 8.31	.....	12.51	3.33
								13.35									
1410	130	15	.....	9.53	.....	.....	1.14	78.58	LACLEDE	.....	63.51	P	.....	8.11	.....	12.35	3.10
								4.72									
1416	71	42	.....	9.58	.....	.....	1.19	83.30	THAMA	.....	58.79	P	.....	8.06	.....	12.29	3.03
								3.53									
1420	70	122	.....	10.02	.....	.....	s 1.25	86.83	PRIEST RIVER	NC	55.26	DP	.....	s 8.02	.....	12.25	2.57
								6.57									
1427	122	247	.....	10.10	.....	.....	s 1.39	93.40	NEWPORT ★	NR	48.69	DNPVW	.....	s 7.52	.....	12.16	2.48
								7.80									
1436	129	3	.....	10.19	.....	.....	1.48	101.20	SCOTIA	.....	40.89	P	.....	7.38	.....	12.07Am	2.33
								6.59									
1442	118	25	.....	10.27	.....	.....	1.56	107.79	CAMDEN	.....	34.30	P	.....	7.30	.....	11.59	2.21
							492	7.30									27
1449	123	32	.....	10.36	.....	.....	2.05	115.09	MILAN	.....	27.00	P	.....	7.22	.....	11.50	2.05
								10.37									
1460	.....	53	.....	10.47	.....	.....	2.17	125.46	DEAN	SF	16.63	DNPXJI	.....	7.11	.....	11.37	1.40
								4.59									
1464	.....	164	.....	10.54	.....	.....	2.23	130.05	MEAD	.....	12.04	P	.....	7.05	.....	11.31	1.30
								4.53				BRKDNP					
1469	.....	3218	.....	11.01	.....	.....	f 2.30	134.58	HILLYARD ★	HU	7.51	TWOIXZY	.....	f 7.00	.....	11.25	L 1.20Pm
								3.60									
1472	.....	.....	.....	11.08	.....	.....	2.38	138.18	U. P. R. R. Cross'g	.....	3.91	PIMVX	.....	6.50	.....	11.15	.....
				A 11.15			A 2.45							L 6.45		L 11.10	
1473	.....	609	L 11.50Pm	L 11.45	L 9.40Pm	L 9.15Pm	L 3.30	139.35	SPOKANE ★	Q	2.74	RKDNPO BXVZW	A 5.45Am	A 6.15	A 10.00Pm	A 10.40	.....
								2.74				IDNP					
1477	69	65	A 11.55Pm	A 11.50Pm	A 9.50Pm	A 9.20Pm	A 3.35Pm	142.09	FORT WRIGHT ★	FW	0.00	YXVR	L 5.35Am	L 6.10Am	L 9.50Pm	L 10.35Pm	.....
			.05 32.88	3.35 39.65	.10 18.44	.05 32.88	4.10 34.10		Time Over Subdivision Average Speed Per Hour				.10 18.44	3.50 37.06	.10 18.44	3.50 37.06	4.10 34.10

DOUBLE TRACK

A B S

WESTWARD THIRD SUBDIVISION EASTWARD

MOUNTAIN STANDARD TIME

Time Table No. 101

Effective October 27, 1963

STATIONS

Station Numbers	Capacity of Tracks	Distance from Columbia Falls		Telegraph Calls	SIGNS
1207	214	0.00	COLUMBIA FALLS ★	CF	JDNPYX
		5.48			
WB 5	44	5.48	LA SALLE	.....	P
		8.86			DNP
WB14	439	14.34	KALISPELL	K	JWYXZ
		10.52			
WB25	Yard	24.86	SOMERS	OB	DPX

WESTWARD FOURTH SUBDIVISION EASTWARD

Time Table No. 101

Effective October 27, 1963

PACIFIC STANDARD TIME

STATIONS

Station Numbers	Capacity of Tracks		Distance from Bonner's Ferry	Telegraph Calls	SIGNS
KV26	15	PORT HILL	25.95	.....	.....
		9.00			
KV17	18	COPELAND	16.95	.....	.....
		9.38			
KV 8	15	RITZ	7.57	.....	.....
		7.57			
1364	148	BONNERS FERRY ★	0.00	BY	DMNPYJV

Westward trains are superior to eastward trains of the same class on Second, Third and Fourth Subdivisions.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 13.

4 WESTWARD FIFTH SUBDIVISION EASTWARD

Station Numbers	Car Capacity: Sidings	Car Capacity: Other Tracks	SECOND CLASS 703 — Tue., Fri.	Time Table No. 101 Effective October 27, 1963 PACIFIC STANDARD TIME — STATIONS	Telegraph Calls	Distance from Dean	SIGNS	SECOND CLASS 704 — Mon., Thur.
SA 186	.....	.....	L 6.00Am	.....NELSON.....	BC	185.80	DNWP	A 3.20Pm
				BETWEEN TROUP JCT. AND NELSON BE GOVERNED BY C. P. RY. TIME TABLE AND RULES				
SA 181	.....	.....	L 6.30Am	5.48 .TROUP JUNCTION.	.....	180.32	YPV	A 2.45Pm
SA 176	.....	24	6.55	4.82 ..SOUTH NELSON..	.....	175.50	.....	2.10
SA 166	.....	15	7.40	10.11 .....HALL.....	.....	165.39	.....	1.25
SA 159	.....	12	8.05	7.14 .....YMIR.....	.....	158.25	.....	12.57
SA 155	.....	9	8.20	4.35 ..BOULDER MILL..	.....	153.90	.....	12.40
SA 152	.....	75	9.00	3.29 .....SALMO.....	SI	150.61	D	12.30
SA 148	.....	15	9.10	2.73 .....ERIE.....	.....	147.88	.....	12.05Pm
SA 145	.....	20	9.25	2.87 .....MEADOWS.....	.....	145.01	.....	11.55
SA 140	.....	7	9.55	4.92 .....PARKS.....	.....	140.09	.....	11.35
SA 136	.....	33	10.45	4.76 .....FRUITVALE.....	.....	135.33	.....	11.10
SA 130	.....	15	11.15	5.31 ..COLUMBIA GARDENS..	.....	130.02	.....	10.45
SA 127	.....	34	11.40	3.84 ...WANETA, B. C....	.....	126.18	P	10.20
SA 126	.....	39	11.50	2.11 ..BOUNDARY, U. S..	.....	124.07	.....	10.05
SA 116	60	89	12.40Pm	8.81 ....NORTHPORT....	NP	115.26	PDYW	9.30
SA 109	.....	37	1.10	8.27 .....MARBLE.....	.....	106.99	.....	8.25
SA 107	42	.....	1.20	1.23 .....DOLOMITE.....	.....	105.76	P	8.20
SA 96	.....	16	1.55	10.24 .....BOSSBURG.....	.....	95.52	.....	7.50
SA 93	36	101	2.10	3.38 .....EVANS.....	.....	92.14	P	7.35
SA 82	.....	310	A 2.50Pm	10.40 ...KETTLE FALLS...	MF	81.74	RKDNW BYXOJPZ	L 7.00Am
SA 77	.....	13	.....	5.31 .....PALMERS.....	.....	76.43	.....	.....
SA 73	.....	109	.....	3.17 .....COLVILLE.....	VD	73.26	PD	.....
SA 67	40	5	.....	6.69 .....ARDEN.....	.....	66.57	P	.....
SA 59	.....	17	.....	7.19 .....ADDY.....	.....	59.38	.....	.....
SA 50	81	149	.....	9.07 .....CHEWELAH.....	CH	50.31	PDZ	.....
SA 43	80	28	.....	7.71 .....VALLEY.....	VY	42.60	PDY	.....
SA 38	.....	30	.....	5.26 .....GRAYS.....	.....	37.34	P	.....
SA 34	.....	18	.....	3.41 .....CLINE.....	.....	33.93	.....	.....
SA 33	39	17	.....	1.25 ....SPRINGDALE....	.....	32.68	P	.....
SA 25	40	5	.....	8.13 ....LOON LAKE....	.....	24.55	P	.....
SA 18	.....	19	.....	6.79 .....CLAYTON.....	.....	17.76	P	.....
SA 13	50	49	.....	5.28 ....DEER PARK....	DE	12.48	PDX	.....
SA 9	.....	25	.....	3.60 .....DENISON.....	.....	8.88	P	.....
SA 4	40	.....	.....	5.22 .....WAYSIDE.....	.....	3.66	P	.....
1460	.....	62	.....	3.66 .....DEAN.....	SF	0.00	JDNX	.....
			8.50 11.78	Time Over Subdivision Average Speed Per Hr.				8.20 12.49

Westward trains are superior to eastward trains of the same class.

WESTWARD SIXTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	SECOND CLASS 393 — Wed. and Sat.	Distance from Kettle Falls	Time Table No. 101 Effective October 27, 1963 PACIFIC STANDARD TIME — STATIONS	Telegraph Calls	SIGNS	SECOND CLASS 394 — Wed. and Sat.
SA 82	296	L 5.00Am	0.00	...KETTLE FALLS....	MF	ORKDNB JYXPZW	A 4.10Pm
SD 5	106	5.20	4.70	4.70 WEST KETTLE FALLS	.....	P	3.45
SD 12	24	5.45	12.09	7.39 .....BOYDS.....	.....	P	3.15
SD 17	31	6.05	17.48	5.39 .....BARSTOW.....	.....	.....	2.55
SD 22	31	6.30	22.71	5.23 .....DULWICH.....	.....	.....	2.40
SD 29	12	7.00	28.59	5.88 .....GOLDSTAKE.....	.....	.....	2.10
SD 35	18	7.30	34.66	6.07 ...LAURIER, WASH....	.....	P	1.50
SD 46	5	8.15	46.01	11.35 GRAND FORKS, B. C.	.....	JYV	1.10
SD 49	18	8.30	49.12	3.11 ..DANVILLE, WASH..	.....	P	12.55
SD 59	62	9.05	59.52	10.40 .....CURLEW.....	.....	P	12.15Pm
SD 65	33	9.20	65.59	6.07 .....MALO.....	.....	.....	11.55
SD 72	18	9.40	72.13	6.54 .....POLLARD.....	.....	.....	11.35
SD 76	34	9.50	75.81	3.68 .....TORBOY.....	.....	.....	11.20
SD 81	75	A 10.10Am	80.72	4.91 .....REPUBLIC.....	Z	DYW	L 11.00Am
		5.10 15.62		Time Over Subdivision Average Speed Per Hour			5.10 15.62

Westward trains are superior to eastward trains of the same class.

WESTWARD SEVENTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	SECOND CLASS 95 — Daily Ex. Sun.	Distance from Spokane	Time Table No. 101 Effective October 27, 1963 PACIFIC STANDARD TIME — STATIONS	Telegraph Calls	SIGNS	SECOND CLASS 96 — Daily Ex. Sun.
SB 0	.....	L 8.00Am	0.00	.....SPOKANE....★.	DS	DMJNKOR YXZVBW	A 5.20Pm
SC 5	4	8.15	4.40	4.40 .....PARKWATER.....	.....	.....	5.01
SC 6	27	8.20	5.82	1.42 ...ORCHARD AVE....	.....	.....	4.55
SC 7	9	8.25	6.98	1.16 .....MILLWOOD.....	.....	X	4.50
SC13-B	2	9.10	13.04	6.06 ....GREENACRES....	.....	.....	4.30
SC 19	18	A 9.30Am	18.29	5.25 ..SPOKANE BRIDGE..	.....	V	L 4.10Pm
				12.23			
				BETWEEN SPOKANE BRIDGE AND GIBBS C. M. ST. P. & P. RY. TIME TABLE AND SPECIAL INSTRUCTIONS WILL GOVERN.			
SD 31	57	L 10.30Am	30.52	.....GIBBS.....	.....	VZX XRDY	A 3.00Pm
SC 32	.....	A 10.50Am	31.97	1.45 ...COEUR d'ALENE...	CA	PVZW	L 2.50Pm
		2.50 11.28		Time Over Subdivision Average Speed Per Hour			3.30 9.13

Westward trains are superior to eastward trains of the same class.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 13.

WESTWARD EIGHTH SUBDIVISION EASTWARD

Time Table No. 101
Effective October 27, 1963
PACIFIC STANDARD TIME

Station Numbers	Capacity of Tracks	STATIONS	Distance from Spokane	Telegraph Calls	SIGNS
SB 90	42	MOSCOW	96.05	MO	KDYXVW
		7.88			
SB 82	18	VIOLA	88.17	.....	.....
		6.60			
SB 76	114	PALOUSE	81.57	PA	DYV
		4.92			
SB 71	10	GRINNELL	76.65	.....	.....
		1.93			
SB 69	11	LADOW	74.72	.....	.....
		4.08			
SB 65	38	GARFIELD	70.64	GF	DWM
		4.06			
SB 61	9	CRABTREE	66.58	.....	.....
		3.48			
SB 57	18	SOKULK	63.10	.....	.....
		4.26			
SB 53	68	OAKESDALE	58.84	KA	DVM
		7.88			
SB 45	20	FAIRBANKS	50.96	.....	.....
		5.25			
SB 40	56	SPRING VALLEY	45.71	.....	YJ
		5.98			
SB 34	40	WAVERLY	39.73	.....	.....
		2.94			
SB 30	0	WEST FAIRFIELD	36.79	.....	.....
		2.60			
.....	.....	U. P. R. R. JUNCTION	34.19	.....	V
		32.33			

BETWEEN U. P. R. R. JCT. AND N. P. CROSSING
U. P. R. R. TIME TABLE AND SPECIAL INSTRUCTIONS WILL GOVERN.

SC 2	117	N. P. CROSSING	1.86	.....	VM
		1.86			

OPERATION BETWEEN N. P. CROSSING AND SPOKANE IS OVER SEVENTH SUBDIVISION.

SB 0	.....	SPOKANE ★	0.00	DS	DNKORYX ZVBW

Westward trains are superior to eastward trains of the same class.

WESTWARD NINTH SUBDIVISION EASTWARD

Time Table No. 101
Effective October 27, 1963
PACIFIC STANDARD TIME

Station Numbers	Capacity of Tracks	STATIONS	Distance from Spring Valley	Telegraph Calls	SIGNS
W 77	43	COLFAX	36.74	CO	YDW
		12.17			
W 65	65	STEPTOE	24.57	.....	.....
		5.00			
W 60	29	CASHUP	19.57	.....	.....
		4.21			
W 55	28	THORNTON	15.36	.....	.....
		9.59			
W 46	39	ROSALIA	5.77	RO	DVW
		5.77			
SB 40	56	SPRING VALLEY	0.00	.....	JY

Westward trains are superior to eastward trains of the same class.
SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 13.

SPEED TABLE

Time Per Mile Min.	Sec.	Miles Per Hour	Time Per Mile Min.	Sec.	Miles Per Hour
	46	78.3	1	18	46.2
	47	76.6	1	20	45.0
	48	75.0	1	22	43.9
	49	73.5	1	24	42.9
	50	72.0	1	26	41.9
	51	70.6	1	28	40.9
	52	69.2	1	30	40.0
	53	67.9	1	33	38.7
	54	66.7	1	36	37.5
	55	65.5	1	39	36.4
	56	64.3	1	42	35.3
	57	63.2	1	45	34.3
	58	62.1	1	50	32.7
	59	61.0	1	55	31.3
1	0	60.0	2	—	30.0
1	1	59.0	2	10	27.7
1	2	58.1	2	20	25.7
1	3	57.1	2	30	24.0
1	4	56.3	2	40	22.5
1	5	55.4	3	—	20.0
1	6	54.5	3	30	17.1
1	7	53.7	4	—	15.0
1	8	52.9	5	—	12.0
1	9	52.2	6	—	10.0
1	10	51.4	7	—	8.6
1	12	50.0	8	—	7.5
1	14	48.6	9	—	6.7
1	16	47.4	10	—	6.0

ALL SUBDIVISIONS

1. SPEED RESTRICTIONS GENERAL.

The following speed limits apply to trains and engines operating under the conditions outlined, unless rules or conditions require a further reduction.

50 MPH—Diesel engines light or with caboose only.

35 MPH—Trains or engines on main routes, actuating the points of spring switches: Trains or engines thru No. 20 turnouts at following locations:

Ends of double track.

East and west siding switches at:

Browning	Volcour	Naples
Triple Divide	Ripley	Colburn
Belton	Kootenai Falls	Sandpoint
Lupfer	Troy	LaClede
Stonehill	Yakt	Scotia
Ural	Leonia	

East switch eastward siding Essex.

East siding switch Vista, Fortine.

West siding switch Rising Wolf, Libby, Newport.

West yard lead switch Whitefish.

SP&S Junction switch Fort Wright.

30 MPH—On main lines, when handling following equipment in trains, not in actual service but on own wheels: derricks, cranes, pile drivers, Jordan spreaders, shovels, wedge plows, scale test car, also ore cars series 80000 thru 94250 and air dump cars X-2000 thru X-2096, X-7000 thru X-7049 when such cars are loaded with ore or gravel.

25 MPH—Trains handling logs; Trains or engines moving in facing point direction at spring switches without facing point lock; Trains or engines thru No. 15 turnouts at following locations:

East and west siding switches at Stryker, Elmira.

West siding switch Tobacco.

20 MPH—Train handling the following equipment on Branch Lines or on 6 degree or sharper curves of Main Lines: scale test car, ore cars series 80000 thru 94250, air dump cars X-2000 thru X-2096, X-7000 thru X-7049 when such cars are loaded with ore or gravel.

15 MPH—Trains handling the following equipment on Branch Lines or on 6 degree or sharper curves of Main Lines: derricks, cranes, pile drivers, Jordan spreaders, shovels and wedge plows.

15 MPH—Trains or engines moving thru interlockings against the current of traffic on double track; Trains or engines thru all other turnouts, except equilateral turnouts, and those shown previously in this item.

1(a). Rule 240 W of the Consolidated Code of Operating Rules is modified to permit handling Great Northern cars 60276 through 60279, 61500 through 61524 and 61000 through 61009 in passenger trains at passenger train speeds.

2. MOVEMENT OF ENGINES DEAD IN TRAINS.

Engine 2350 must be handled on rear of freight and mixed trains. Diesel engines 1 thru 196 or any road switcher unit not equipped with alignment control couplers must be towed as single units. On engines 550 thru 599, coupler alignment control lock blocks must be "DOWN" when coupled in multiple unit operation.

Following Road Switchers are equipped with alignment control couplers: 200 through 218, 220 through 230, 550 through 599 (lock blocks), 600 through 699, 700 through 734, 900 through 915, 2000 through 2035.

Single unit diesel engines, or multiple unit groups (When such groups consist of road freight, road passenger, or engines with alignment control couplers), when towed dead in freight trains, are to be handled not less than five (5) cars nor more than fifteen (15) cars behind the road engine. There should not be more than five (5) units in a group. Additional such units or groups of units must be separated by not less than five (5) cars. When towing diesel engines dead in trains the following speeds must not be exceeded:

MAXIMUM SPEED	ENGINE NUMBER
50 MPH	1 thru 10, 14 thru 16, 24 thru 28, 75 thru 162, 165 thru 170.
79 MPH	350 thru 375, 500 thru 512, 679, 680, 2350.
65 MPH	All other diesel engine units.

3. Except at points where it is necessary to classify trains, open cars loaded with poles, piling, lumber, timber, pipe, or other lading which might shift, should be placed as close as possible to the head end of train, but not next to engine, caboose, occupied outfit car or passenger car or another unprotected car containing commodities which might be subject to damage. Loaded trailer-on-flat cars are not included in this category. In double track territory, trains handling such cars must use extreme care to avoid slack running in or out when passing or being passed by other trains. In single track territory, trains handling such cars must be at stop when on siding or other track to meet or be passed by other trains, except when have more cars than siding will hold, it is permissible for such trains to pull by each other at restricted speed.

Loaded dump cars should not be handled on double track after dark, but if necessary to do so, close watch must be maintained by members of the crew, and if a car dumps its load, train must be stopped at once and protection provided as prescribed by the rules.

3(a). Trains handling flat or skeleton cars loaded with logs will not exceed 10 MPH passing over thru-truss bridges, or through tunnels. Thorough inspection of all cars of logs in train must be made at appropriate locations when train is stopped for meeting trains and other purposes, making certain train and lading are in safe condition before proceeding. Extra stops enroute will be made for this purpose when in the judgment of the Conductor it is necessary. Members of the crew must maintain a watch for logs that may have rolled off cars and if a track is fouled, take prompt action to protect trains.

On double track, Conductors must notify train dispatcher when logs are to be handled and the log train must be at stop when being passed by other trains, except when both trains are handling logs, either one should be at stop until the other train pulls by, whether on siding or double track.

On single track, trains handling logs must be at stop when meeting or being passed by other trains, except when there are more cars than siding will hold, it is permissible for log train to pull by other train at restricted speed.

In double track territory, logs must be secured to cars by chains or cables.

4. Brakemen with less than one year of experience should not be used as flagmen except in emergency, and then Superintendent will be notified by wire.

5. Due to limited overhead clearance at tunnels and structures, employes are warned to keep off top of cars of extreme height and width when handled in trains and yards, except in emergency. In absence of previous advice on such cars, wire proper officer for instructions.

6. Trains departing from stations, either from siding or main track, in trailing point movement actuating points of spring switches, a member of crew must observe indication of governing signal in opposite direction after rear end of train has passed through switch to ascertain if switch points return to normal position. If this signal indicates Stop and no immediate train movement or other cause is evident, report the fact to Superintendent from first available point of communication.

During and immediately following snowstorms or violent wind storms, spring switches must be operated by hand and relined to normal position before heading out through switch in trailing point movement, actuating switch points, to insure switch is in proper operating condition.

7. Facing point locks on hand operated switches are indicated by a six-inch yellow stripe painted on target staff. Be positive locking device is restored to normal position after using. A running switch must not be made through this type switch.

8. Rule 2 of the Consolidated Code of Operating Rules is modified for Great Northern Railway Company employes to the extent that a watch certificate form is no longer required. Watches of employes will be inspected by Division Officers, Rules Examiners and other designated officers.

   Rule 3(C) of the Consolidated Code of Operating Rules is amended as follows: Employees governed by time service rules must not wear wrist watches while on duty unless such watches are of an approved type. Approved type wrist watches are:
   Elgin, B. W. Raymond model 13/0 size, 23 jewels.
   Ball Official Standard 1604B, 13/0 Ligne, 21 jewels.
   Bulova Accutron Railroad approved model.
   Hamilton 505 RR Electric Special.

9. Regarding Consolidated Code Rule 103. In addition to complying with the provisions of this rule, members of a crew will be governed by the following: When an engine, with or without cars, is about to move over a public crossing not protected by a watchman, by gates or by crossing signals in operation, a member of the crew must be on the ground at the crossing to provide protection. It is not necessary for a member of the crew to be on the ground at the crossing for a through yard transfer movement, or for a light engine movement being handled only by hostlers.

10. Employees are prohibited from riding or walking on the roof of any moving car, except when absolutely necessary in the passing of signals, and then only when they place themselves near the middle of the car.

11. The following Uniform Code of Operating Rules are in effect in Canada.

Rule 14. (k-a) o o — **Answer to 14k**

Rule 98. Unless protected by block or interlocking signals, trains and engines must approach the end of two or more tracks, junctions, railway crossings at grade or drawbridges, at restricted speed. Unless otherwise specified in special instructions, the speed of any train or engine must not exceed thirty-five miles per hour at interlocked railway crossings at grade until the entire movement has passed the crossing.

Unless otherwise specified in special instructions the speed of any train or engine must not exceed twenty-five miles per hour at interlocked drawbridges until the entire movement has passed the drawbridge.

Trains or engines must stop at the stop signs at non-interlocked railway crossings at grade and at non-interlocked drawbridges and not proceed until the proper signal has been given for that purpose.

Rule 99. When a train is moving under circumstances in which it may be overtaken by another train, lighted fusees must be dropped off at proper intervals and such other action taken as may be necessary to ensure full protection.

When a train stops under circumstances in which it may be overtaken by another train, a flagman must immediately go back a sufficient distance to ensure full protection.

In day time, if there is no down grade toward train within one mile of its rear and there is a clear view of its rear of 2000 yards from an approaching train....at least 1000 yards;

At other times and places, if there is no down grade toward train within one mile of its rear .....at least 1500 yards;

If there is a down grade toward train within one mile of its rear .....at least 2000 yards;

The flagman must, after going back a sufficient distance from train to ensure full protection, take up a position where there will be an unobstructed view of him from an approaching train of, if possible, 500 yards, first placing torpedoes not more than 100 nor less than 50 yards apart to cause two explosions at least 200 yards beyond such position.

If necessary to go beyond the required distance, he will leave the torpedoes at the required distance as an indication of the location of his train, but must, under such conditions, also place torpedoes at the point at which an approaching train is flagged. Torpedoes so placed must not be removed.

The front of a train must be protected in the same manner when necessary.

When a train stops under circumstances in which it may be overtaken by another train, the enginemen will immediately signal the flagman to protect the rear. When ready to proceed he will recall the flagman.

After taking up position at the distance required, flagman must remain at that point until recalled or relieved and safety of the train will permit. Flagman must always on the approach of a train display stop signals.

If recalled before another train arrives, he must leave a fusee burning red at the point from which he returns, and while returning to his train, a fusee burning red must be placed at such points or times as may be necessary to ensure full protection. A fusee burning red must be left at the point from which the train moves.

When curvature, weather or other conditions require, or when snow plows or flangers may be running, extra precaution must be taken.

Flagmen must each be equipped for day time with:

A red flag on a staff,

At least eight torpedoes and

Seven red fusees.

For night time and when weather or other conditions obscure day signals,

A white light,

A supply of matches,

At least eight torpedoes and

Seven red fusees.

A train should not stop between stations at a place where the view from following trains is obstructed if it can be avoided.

Conductors and enginemen are responsible for the protection of their trains.

PROTECTION OF IMPASSABLE OR SLOW TRACK

40. (a) Before undertaking any work which may render the main track unsafe for movements at normal speed, or if rendered unsafe from any cause, trackmen, bridgemen, or other employees must provide protection by sending out a flagman with flagman's signals in each direction at least 2000 yards from the defective or working point.

(b) After going out the required distance, flagman must take up a position where there will be a clear view of him from an approaching train of, if possible, 500 yards, first placing torpedoes not more than 100 nor less than 50 yards apart to cause two explosions at least 200 yards beyond such position.

(c) Flagman must not return until recalled or relieved.

(d) If necessary to go beyond the required distance, flagman will leave the torpedoes at the required distance, but under such

conditions must also place torpedoes at the point at which an approaching train is flagged.

(e) On the approach of a train flagman must display stop signals, using lighted fusees at night or in obscure weather.

(f) Trains stopped by a flagman will be governed by his instructions, and on reaching the defective or working point will there be governed by instructions of the foreman in charge.

(g) Flagmen must each be equipped for day time with:

A red flag on a staff,

At least eight torpedoes and

Seven red fusees.

For night time and when weather or other conditions obscure day signals,

A red light,

A white light,

A supply of matches,

At least eight torpedoes and

Seven red fusees.

41. On subdivisions or portions thereof specified in the time table or special instructions, Rule 40 may be modified as follows:

(a) By day place a red flag and, in addition, by night a red light between the rails 200 yards in each direction from the defective or working point, and place torpedoes on each rail to cause one explosion 200 yards beyond the red signals, also:

(b) By day place a yellow over red flag and in addition, by night, a yellow light and a red light at least 2000 yards in each direction from the defective or working point to the right of the track as seen from an approaching train, and place torpedoes not more than 100 nor less than 50 yards apart to cause two explosions 200 yards beyond these signals.

(c) Trains approaching the signals prescribed by clause (b) must stop, replace the torpedoes and proceed to the red signal prescribed by clause (a) prepared to stop and there be governed by instructions or signal of the flagman, but must not proceed until the red signal has been removed in the clear view of the engineman.

NOTE: The red signal must be not removed except as authorized by the foreman in charge.

(d) When weather or other conditions obscure day signals, night signals must be used in addition.

43. When the nature of the defect does not require stop to be made, and after speed restriction has been placed by train order and the foreman so advised, Rules 40 and 41 may be modified as follows:

(a) By day place a yellow flag and, in addition, by night a yellow light at least 2000 yards in each direction from the defective point to the right of the track as seen from an approaching train, also:

(b) By day place a green flag and, in addition, by night a green light in each direction immediately beyond the defective point.

(c) Trains must reduce speed to comply with requirements of the train order, and must not increase speed until the entire train has passed the green signal.

(d) When weather or other conditions obscure day signals, night signals must be used in addition.

44. On subdivisions or portions thereof specified in the time table or special instructions, when the main track is found to be unsafe for movements at normal speed but safe for speed of ten miles per hour or more, Rule 41 may be modified as follows:

(a) By day place a yellow flag and, in addition, by night a yellow light 200 yards in each direction from the defective point to the right of the track as seen from an approaching train, also:

(b) By day place a yellow over red flag and, in addition, by night a yellow light and a red light at least 2000 yards in each direction from the defective point to the right of the track as seen from an approaching train, and place torpedoes not more than 100 nor less than 50 yards apart to cause two explosions 200 yards beyond these signals, also:

(c) By day place a green flag and, in addition, by night a green light in each direction immediately beyond the defective point.

(d) Trains must stop and replace torpedoes on each side of the defective point, and must reduce speed to ten miles per hour before passing the yellow signal and must not increase speed until the entire train has passed the green signal.

(e) When weather or other conditions obscure day signals, night signals must be used in addition.

(f) The foreman must report the condition to the train dispatcher as soon as practicable, and when advised that speed restriction has been placed by train order must mark the defective point as prescribed by Rule 43.

45. In providing protection each main track must be regarded as a track upon which trains may run in either direction. Where two main tracks are on the same roadbed, flags and lights required to be placed to the right of the track as seen from an approaching train under Rules 41-44 inclusive must be placed to the outside of the track affected and not between the two main tracks.

46. When flags or lights are placed as set forth in Rules 41-45 inclusive they will be mounted on staffs and elevated so there will be an unobstructed view of them from an approaching train.

47. Where the use of torpedoes is required, duplicates should be placed on the opposite rail to explode simultaneously.

48. Torpedoes must not be placed near stations nor on public crossings at grade.

49. A sign bearing figures indicating permissible speeds, or the word **SLOW**, placed at the side of the track will indicate a permanent slow order; its location and speeds permitted will be specified in the time table or special instructions.

FIRST SUBDIVISION

(Main Line)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between	Passenger	Freight
Cut Bank and Troy	79 MPH	60 MPH

2. SPEED RESTRICTIONS.

Cut Bank, Bridge 1090.8 ..... 30 MPH

Columbia Falls.....Trains 31 and 32 passing station..... 45 MPH

3. TRAIN REGISTER EXCEPTIONS.

Cut Bank, first class trains and passenger extras register by ticket.

Register of regular trains at Cut Bank will cover their arrival at Blackfoot.

Register of regular trains at Whitefish will cover their arrival at Conkelley.

Troy, First class trains and passenger extras register by ticket.

4. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B). All trains require clearance Form A at Whitefish. Such clearance will confer the same authority as though received at initial station.

5. On arrival at Essex, eastward freight trains requiring helper engine assistance will come to a stop and make full application of air brakes and leave applied until proceed signal received from helper engine. Helper engine will be coupled against rear of caboose and immediately make back up movement to ascertain positive coupling.

6. Summit is a regular inspection point where stop shall be made for the inspection of freight and mixed trains. Westward freight trains will pull rear end of train clear of end of double track to avoid delay to eastward trains.

   On arrival at Summit, eastward freight trains with helper engine assistance behind caboose must come to a stop clear of the end of double track. Under no circumstances whatsoever will anyone be allowed to ride in the caboose within the limits of helper territory while helper engine is shoving against the rear of train. Train crew must ride in rear cab of helper engine, using rear headlight for center of track inspection when necessary.

7. When outfit cars or passenger equipment handled on rear of freight trains or when stockmen, messengers, etc., are carried in the caboose, helper engines must be cut into train.

8. **CROSSOVERS ON DOUBLE TRACK.**

FACING POINT	TRAILING POINT
Cut Bank	Sundance
Summit	MP 1110
Blacktail	Essex, east crossover
Essex, west crossover	Columbia Falls, west crossover
Columbia Falls, east crossover	Half Moon

9. **MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.**

   Cut Bank—end of double track east and west end Bridge 1090.8.

   Summit .....End of Double track.
   East switch westward siding.

   Switch at end of double track and westward siding above points controlled by operator at depot.

   Tobacco .....West siding switch.

   Controlled by operator at Eureka.

10. **AUTOMATIC INTERLOCKINGS.**

    Nimrod .....Single Track Bridge 1165.3
    Pinnacle .....Single Track MP 1173.2 to 1177.6
    Red Eagle .....End of double track.
    Conkelley .....End of double track.
    Whitefish .....End of double track.

    Nimrod and Pinnacle:

    Trains or engines stopped by a stop indication at entrance to Pinnacle interlocking will be governed by Rule 509.

    Westward trains at Nimrod may hold interlocking for a period of six minutes by operating push button at westward home signal.

    Trains and engines approaching interlocking holding instructions requiring them to wait to permit other trains or engines to move through interlocking will stop before passing "Approach Control Nimrod" and "Approach Control Pinnacle" sign for track they occupy and wait until their train rights permit them to proceed.

    At eastward and westward home signals a switch key controller fastened to the side of the instrument house near the home signals and a third switch key controller placed in the depot at inspection point for westward trains just east of interlocking, to assist in moving trains when home signal displays Stop-indication account plugs in slide fence pulled out. When trains or engines receive a Stop-indication at home signal and no conflicting train movement is evident, trainmen should operate key controller by inserting switch key in controller and turning clockwise toward R, holding in that position for a few seconds. If home signal clears after operating key controller, train may proceed through interlocking at restricted speed, looking out for rocks or other obstructions fouling track. If home signal does not clear by operation of key controller, train must be governed by train rights, Interlocking Rules and Special Instructions stated above.

    A work train key controller, so marked, is located on side of instrument house at west end of interlocking. Work train occupying eastward track must release interlocking for other train movements by inserting switch key in controller and turning clockwise toward "R", holding key in that position for a few seconds. To clear home signal again for work train movement to single track, key controller must be operated counterclockwise toward "N".

    Indicator consisting of red banner on white background in a cast iron case marked "Trainmen's Indicator", and fastened to the west cantilever mast at Nimrod Interlocker.

    The red banner, normally vertical, will change to horizontal position to indicate approach of eastward train on eastward track when train is 8000 feet west of cantilever mast.

    Pinnacle, signals located to left of track to govern movements against current of traffic to single track at each end of interlocking.

11. Double track extends between Summit and Red Eagle except Nimrod and Pinnacle single track interlockings.

12. **CONDITIONAL PASSENGER STOPS.**

    No's. 31 and 32 will stop at Cutbank to receive or discharge revenue passengers from or to points Williston and east or Spokane and west where scheduled to stop, and will stop at Libby to receive or discharge revenue passengers from or to points Minot and east or from or to points west of Spokane where scheduled to stop.

    No's. 27 and 28 will stop at Glacier Park and Belton to receive or discharge revenue passengers Havre and east or Spokane and west where scheduled to stop.

13. Westward Approach Signal to end of double track Red Eagle, Montana has been changed to double aspect signal indicating yellow over green when route is properly lined for a westward train to proceed from westward main track to single track. This aspect is named "approach diverging route" and indication is "approach next signal prepared to proceed on diverging route." This signal aspect is covered in CMStP&P R.R. Block and Interlocking Rule 240-E Figure 7, and this rule will apply to and govern Great Northern train and engine movements at this location.

14. Consolidated Code of Operating Rules No. 251, 251(A), 253 and 254 apply on Eastward and Westward tracks between Cut Bank and Blackfoot for movements with the current of traffic. The use of these rules does not modify Rule 99.

SECOND SUBDIVISION

(Main Line)

1. **MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	Passenger	Freight
Troy and Fort Wright	79 MPH	60 MPH

2. **SPEED RESTRICTIONS.**

   Between Albeni Falls Spur and Diamond Match Mill.... 10 MPH

   Mead, over switches and frogs on curves Aluminum Plant ..... 5 MPH

   Spokane, all trains approach crossover east of bridge 270, and crossover west of Howard Street at restricted speed.

   Spokane, public crossing Howard Street ..... 12 MPH
   other public crossings ..... 20 MPH

3. **TRAIN REGISTER EXCEPTIONS.**

   Ft. Wright second subdivision trains will register by ticket.

   Spokane, first class trains and trains originating or terminating at passenger station will register and receive clearance.

   Troy and Hillyard, First class trains and passenger extras register by ticket.

   Register of regular trains at Hillyard will cover their arrival at Dean.

4. Rules 251, 251(A), 253 and 254 apply on Eastward and Westward tracks between Fort Wright and Dean for movements with the current of traffic.

   Trains (Except First Class trains and Passenger Extras) must not enter main track between these points unless given a proceed signal at an interlocking or until permission is received from operator or train dispatcher. At Dean, a proceed indication on Eastward home signal at end of double track will confer authority to Eastward inferior trains to run ahead of Eastward superior trains to station Dean.

5. **CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

   Spokane, clearance issued and signed by the Superintendent will confer the same authority to a first class train as though received at its initial station.

   Dean, Rule 83 (B) does not apply if train order signal indicates proceed.

6. **CROSSOVERS ON DOUBLE TRACK.**

Facing point.	Trailing point.
MP 1477.22 east of Br. 270, Spokane.	MP 1476 east of UP. RR. crossing, Spokane.
MP 1477.61 (Scissors) on Br. 273 west of Spokane passenger depot.	MP 1476.69 on Br. 269, Spokane.
	MP 1477.12 east of Br. 270, Spokane.
	MP 1477.61 (Scissors) on Br. 273 west of Spokane passenger depot.
	MP 1478.41 west of Br. 273, Spokane.

7. **MANUAL INTERLOCKING.**

   Fort Wright .....End of double track and SP&S Ry Jct.
   Whistle signals for routes:
   Main Track GN Ry .....1 short, 1 long.
   Main Track SP&S Ry .....1 long, 1 short.
   Siding GN Ry .....2 long, 1 short.

8. **MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES.**

   Troy .....west siding switch controlled by operator at depot.

   HILLYARD.....End of double track and yard lead switches east and west of yard controlled by operator in yard office.

   The "home signal limits" (Rule 605) on main track extend from the westward home signals at east end of yard to eastward home signals at west end of yard.

   After receiving proper signal indication and entering home signal limits at east and west end Hillyard yard, switching movements may be made between these home signals and Rule 670 will not apply.

   Whistle signals for routes west end of yard:
   Eastward trains,
   To main track .....1 long, 1 short, 1 long.
   To yard .....1 long, 1 short.
   Westward trains,
   To westward main track .....1 long.
   To eastward main track .....2 long, 1 short.

9. **AUTOMATIC INTERLOCKINGS.**

   U.P.R.R. crossing 1.17 miles east of Spokane.
   After signal has cleared for either a GN or UP route the entry of a train or engine of the other railroad into their approach control will automatically start a predetermined time cycle of 2 to 4 minutes which at expiration will cause signal to go to stop position and after another time cycle of 2 minutes will clear signal for route on other railroad.

   Push buttons located on home signals of all main track routes may be operated to obtain signal indication for a reverse movement. Push button emergency release is located near crossing and instructions are posted in box. Switch to the S.I. interchange just west of the crossing is electrically locked.

   Dean.....End of double track.

10. Double track extends between Dean and Fort Wright, except at Hillyard and over bridge 274 and SP&S Jct. which is governed by interlocking signals.

11. Spokane, City Ordinance prohibits sounding engine whistle within city limits, except to prevent accident not otherwise avoidable or to signal an interlocking, or to communicate with a flagman.

12. Crews will stop all cars, locomotives or other equipment before entering the Post Office Terminal Building at Spokane, Washington.

THIRD, FOURTH, FIFTH, SIXTH, SEVENTH, EIGHTH AND NINTH SUBDIVISIONS.

1. **MAXIMUM PERMISSIBLE SPEED FOR TRAINS.**

Between	
Columbia Falls and Somers	40 MPH
Bonners Ferry and Port Hill	10 MPH
Troup Jct. and Dean	30 MPH
Kettle Falls and Republic	20 MPH
Spokane and Coeur d'Alene	25 MPH
Spokane and Moscow	25 MPH
Spring Valley and Colfax	25 MPH

2. **SPEED RESTRICTIONS.**

Kalispell, over main street crossing	5 MPH
Northport, wye track	8 MPH
Dolomite, spur tracks	10 MPH
Northport to Troup Jct., handling logs	15 MPH
Kettle Falls to Dean, handling ore	30 MPH
Spokane, Crestline St., UP and Milw. crossings	15 MPH
Millwood, public crossing	4 MPH
Moscow, through city limits	10 MPH

3. **CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).**

   Great Northern Clearance Form A received at Nelson will clear train at Troup Jct. Kettle Falls, all trains must obtain Clearance Form A.

   Dean, Rule 83(B) does not apply if train order signal indicates proceed.

   Seventh subdivisions trains destined Coeur d'Alene must obtain Milwaukee clearance at Spokane, returning obtain Milwaukee clearance at Coeur d'Alene.

   Eighth subdivision trains destined Moscow will obtain their U. P. clearance at Dishman, on return trip obtain U. P. clearance at Fairfield.

4. **ENGINE RESTRICTIONS.**

   Between Bonners Ferry and Port Hill GP-7 class heaviest permitted, additional units must be separated by not less than 5 cars.

5. **RESTRICTED CLEARANCES.**

   Bridges C 7.7, 7.8 and 7.9 3200 feet west of Millwood, restricted side clearance.

   Spokane, bridges 1.3 and 1.6 will not clear man on top or side of engine or car, employes must stay off side or top of cars or engines when on bridges, except in an emergency and then must exercise extreme caution.

Post Falls, Idaho, restricted side and overhead clearance at the chip loader, Post Falls Lumber Co. Spur. The lateral restricted clearance extends for 250 feet parallel to the track on this spur, employes must be extremely careful in this area.

Colfax tunnel and bridges 71.6, 72.3 and 72.4 will not clear man on side or top of engine or car.

6. Train movements between N.P. Crossing and Dishman will be governed by remote controlled signals at N.P. Crossing, at east and west ends of new yard, and east end of siding at Dishman. Indications of these signals supersede the superiority of trains between these points. When a Stop-indication is displayed on one of the signals a member of the crew must communicate with the operator and be governed by his instructions in accordance with Rule 509.

7. Northport-Waneta, Laurier-Danville, trains must not pass International Border without permission of Customs and Immigration Inspectors.

8. Canadian Maintenance of Way Flagging Rules 41 and 44 apply between Troup Junction and Boundary, U.S. and between Laurier, Wash. and Danville, Wash.

9. Coeur d'Alene, 11th Street and Mullan Ave., 15th Street and Mullan Ave. Crossings, train and engine movements over these crossings must stop before moving over and movement must be protected by a man on ground at crossing.

Coeur d'Alene, train and engines must stop and sound two blasts of engine whistle before proceeding over Diamond Drill crossing.

Spokane, Trent Avenue crossing protected by watchman 7:00 AM to 11:00 PM daily, outside these hours a member of the crew must be on the ground at crossing to protect the movement.

Colfax, use care when moving over North and Last Street crossings account restricted view.

10. **MANUAL INTERLOCKINGS.**

NP Crossing, 1.86 miles west of Spokane. Whistle signal for G.N. to U.P. main track, two long 1 short. Trains from Seventh subdivision to U.P. tracks will be governed by dwarf signal at base of westward two-arm interlocking signal.

11. **GATE PROTECTED RAILROAD CROSSINGS.**

U.P.R.R. Crossing 0.57 miles west of Thornton, normal position of gate is stop for Great Northern.

U.P.R.R. Crossing 0.29 miles west of Colfax, normal position of gate is stop for Great Northern.

12. Unless otherwise instructed, protection against following trains, as required by Consolidated Code Rule 99, is not necessary between points shown below. If it becomes necessary to operate a following train when there is still a train between these points, the train ahead must be notified to protect against the following train. If this is not practical the following train must be notified to protect against the train ahead.

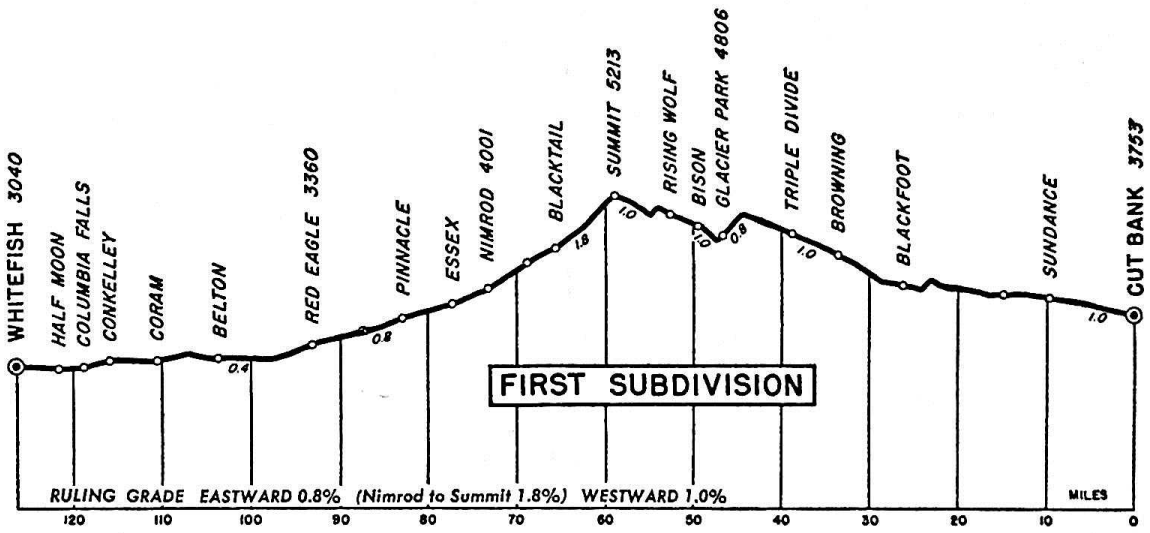
These instructions apply between the following points and train order Form Z is not required.

Between Columbia Falls and Somers.
Bonners Ferry and Port Hill
Spokane and Spokane Bridge
U.P. Junction at Fairfield and Moscow
Spring Valley and Colfax

BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE

Name	Location	Capacity Cars	Switch Opens
Subdivision No. 1			
Gunsight—storage track	3.25 miles east of Sundance	8	West
Pardue—Sammons Spur	2.00 miles west of Sundance	11	East e w trk
Meriwether—storage track	5.97 miles east of Blackfoot	12	East e w trk
Spotted Robe—stock tracks	3.56 miles west of Triple Divide	60	Both
Essex Pit	2.97 miles west Essex	50	East ww trk
Hidden Lake—storage track	4.49 miles west of Pinnacle	16	East
Conkelley Pit	779 feet west of end of double track Conkelley	31	West ww trk
Anaconda Aluminum Co. Storage Track	0.73 mile west of end of double track Conkelley	114	Both ww trk
Rocky Mountain Lumber Co. Spur	1.25 miles west of Columbia Falls	9	East
Warland Pit (Three Tracks)	1.04 miles east of Yarnell	92	Both
Zonolite Siding	4.8 miles east Libby (MP 1331)	49	Both
Subdivision No. 2			
Katka Spur	6.46 miles east of Crossport	15	East
Crossport Spur	2.0 miles east of Crossport	15	East
Idaho-Boyd Conlee Spur	0.71 mile east Bonners Ferry	36	West
Moravia	4.96 miles west Bonners Ferry	18	East
Emerson Spur	0.8 mile east Colburn	58	West
Dover connection to S. I. Railway	2.47 miles west of Sandpoint	.....	.....
Albeni Falls Spur	2.7 miles east Newport	28	East
Penrith Spur	3.5 miles west Newport	19	East
Pacific Northwest Alloys Spur	1352 ft. east of Depot, Newport	12	East
Elk—storage tracks	2.98 miles west of Camden	20	East
Davies Spur	1.9 miles east Mead	34	East
Subdivision No. 3			
Associated Seed Growers	3.5 miles east of Kalispell	6	East
Montana Saw Service Co. Spur	3.3 miles east of Kalispell	5	East
Koenig Bros. Spur	2.6 miles east of Kalispell	10	Both
Northwestern Lbr. Co. Spur	1.3 miles east of Kalispell	47	East
Carter Oil Co. Spur	1.2 miles east of Kalispell	9	East
Interchange Track	0.3 miles west of west wye switch, Kalispell	27	Both
Forest Products Co. Spur	On interchange track	6	West
Mills Lumber Co. Spur	2200 feet west of west wye switch, Kalispell	4	East
Duffy Spur	4.1 miles west of Kalispell	8	East
Erickson Bros. Spur	4.5 miles west of Kalispell	4	East
Subdivision No. 4			
Quarry Spur	1.3 miles east Bonners Ferry	4	West
Thompson Lumber Co. Spur	1.5 miles east Bonners Ferry	8	East
Allen's Spur	4.7 miles east Bonners Ferry	6	East
Watson's Spur	11.5 miles east Bonners Ferry	2	West
DeVoignes Spur	13.2 miles east Bonners Ferry	4	East
Camp 5 Spur	14.1 miles east Bonners Ferry	11	Both
Seelover's Spur	15.4 miles east Bonners Ferry	2	East
Dehlbom Spur	17.5 miles east Bonners Ferry	4	West
Edward's Spur	18.5 miles east Bonners Ferry	8	West
Camp 8	19.7 miles east Bonners Ferry	18	Both
Harper's Spur	21.8 miles east Bonners Ferry	4	West
Houck's Spur	22.2 miles east Bonners Ferry	4	West
K. V. Farm Spur	24.6 miles east Bonners Ferry	5	West

Name	Location	Capacity Cars	Switch Opens
Subdivision No. 5			
Fred Draper Lbr. Co. Spur	1.9 miles west of Ymir	16	East
Benton Spur	2.0 miles west of Meadows	6	West
Ross	3.2 miles west of Meadows	9	Both
Hearn Bros. Spur	0.3 mile east of Parks	3	East
ATCO Spur	0.3 mile east of Fruitvale	3	East
Equipment Spur	2.2 miles east of Columbia Gardens	3	West
C. M. & S. Co. Spur	0.7 mile east of Int. Bdy. at Waneta	34	East
West Kootenay Power & Light Co. Ldg.	0.5 mile west of Waneta	.....	.....
Janni Spur	3.3 miles west of Northport	10	West
Kanes Spur	4.1 miles west of Northport	5	West
Cameron Spur	4.4 miles west of Northport	17	East
Dolomite Quarry Spur	1.2 miles west of Marble, including trackage of Spokane-Portland Cement Co., Private Yard	251	West
Hendrix Spur	3.4 miles east of Bossburg	6	West
Blue Creek	3.1 miles west of Addy	19	Both
Alloy Industry	3.0 miles east of Chewelah	19	Both
Kulzer's Spur	1.7 miles west of Valley	6	East
North American Non Metallics Spur	1.9 miles west of Valley	4	East
Silica Sand Co. Spur	1.0 mile east of Springdale	8	West
Loon Lake Gravel Spur	1.6 miles east of Loon Lake	40	East
Subdivision No. 6			
Harter Lumber Co.	1.02 miles west of West Kettle Falls	10	Both
Matneys Spur	2.72 miles west of West Kettle Falls	4	East
Spokane-Portland Cement Co. Spur	1.3 miles east of Boyds	12	East
Consolidated Mining and Smelting Co. Spur	1.1 miles east of Grand Forks	12	West
San Poil Spur	1.0 mile west of Torboy	8	East
Subdivision No. 7			
Northwest Tbr. Co.	1.2 miles west of Coeur d'Alene	16	West
Atlas	2.6 miles west of Coeur d'Alene	34	Both
Huetter—connection to N. P. Railway	2.9 miles west of Coeur d'Alene	15	Both
Post Falls	8.46 miles west of Coeur d'Alene	12	Both
Post Falls Lumber Co.	8.46 miles west of Coeur d'Alene	6	East
Liberty Lake	2.13 miles east of Greenacres	12	Both
Subdivision No. 8			
Estes	3.22 miles west of Moscow	15	Both
Ringo	3.81 miles west of Viola	7	West
Longwill	1.39 miles west of Sokulk	5	East
Seabury	6.61 miles west of Oakesdale	11	Both
Jefferson	3.49 miles west of Spring Valley	6	Both
Mt. Hope Industrial Spur	2.94 miles west of Waverly	.....	East
Old West Fairfield	.....	17	Both
Old Mt. Hope	.....	44	Both
Dishman	7.06 miles east of Spokane	9	East
Includes Spear	.....	21	West
Subdivision No. 9			
Manning	5.68 miles west of Colfax	6	West
Balder	4.76 miles east of Rosalia	13	Both
Rollins	2.54 miles east of Spring Valley	11	East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HALF MOON
COLUMBIA FALLS
CONKELLEY
CORAM
BELTON
RED EAGLE 3360
PINNACLE
ESSEX
NIMROD 4001
BLACKTAIL
SUMMIT 5213
RISING WOLF
BISON
GLACIER PARK 4806
TRIPLE DIVIDE
BROWNING
BLACKFOOT
SUNDANCE
CUT BANK 3753
0.4
0.8
1.8
1.0
1.0
0.8
1.0
1.0
FIRST SUBDIVISION
RULING GRADE EASTWARD 0.8% (Nimrod to Summit 1.8%) WESTWARD 1.0%
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110
100
90
80
70
60
50
40
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20
10
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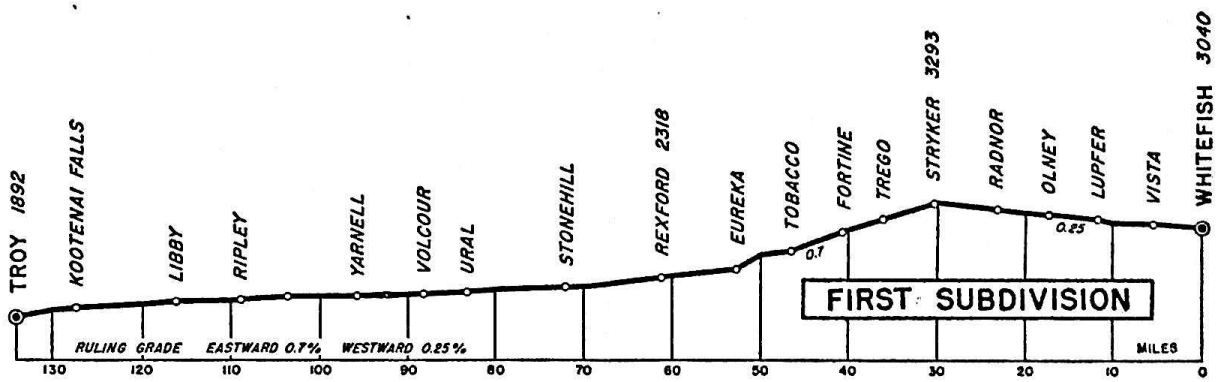
TROY 1892
KOOTENAI FALLS
LIBBY
RIPLEY
YARNELL
VOLCOUR
URAL
STONEHILL
REXFORD 2318
EUREKA
TOBACCO
FORTINE
TREGO
STRYKER 3293
RADNOR
OLNEY
LUPFER
VISTA
WHITEFISH 3040
0.7
0.25
FIRST SUBDIVISION
RULING GRADE EASTWARD 0.7% WESTWARD 0.25%
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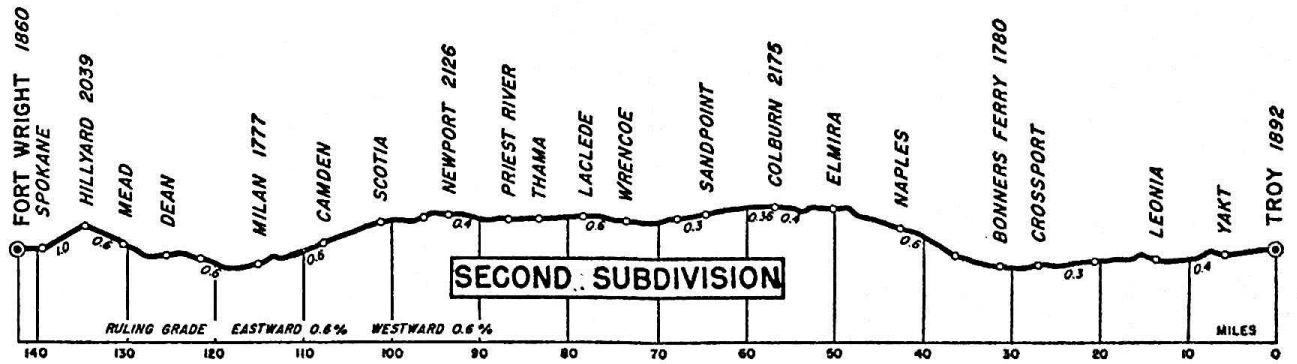
FORT WRIGHT 1860
SPOKANE
HILLYARD 2039
MEAD
DEAN
MILAN 1777
CAMDEN
SCOTIA
NEWPORT 2126
PRIEST RIVER
THAMA
LACLEDE
WRENCOE
SANDPOINT
COLBURN 2175
ELMIRA
NAPLES
BONNERS FERRY 1780
CROSSPORT
LEONIA
YAKT
TROY 1892
1.0
0.6
0.6
0.6
0.4
0.6
0.3
0.36
0.4
0.6
0.3
0.4
SECOND SUBDIVISION
RULING GRADE EASTWARD 0.6% WESTWARD 0.6%
MILES
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0