COMPANY SURGEONS

Dr. Abbott Skinner, Chf. Med. OfficerSt. Paul, Minn.
*Dr. Hugo F. Schroeckenstein, Asst. to
Chief Medical OfficerSt. Paul, Minn.
*Dr. W. E. Kane
Dr. Robert H. Leeds Chinook, Montana
*Dr. R. K. West Cut Bank, Montana
Dr. James R. MarketteCut Bank, Montana
Dr. Richard W. BeighleShelby, Montana
*Dr. R. J. StanchfieldShelby, Montana
Dr. Richard S. Buker, Jr Chester, Montana
Dr. Porter S. Cannon
Dr. John Margaris
*Dr. R. B. Richardson, Gt. Falls ClinicGreat Falls, Montana
Dr. J. C. WolgamotGreat Falls, Montana
Dr. L. C. HowardGreat Falls, Montana
Dr. David GregoryGlasgow, Montana
*Dr. Philip A. SmithGlasgow, Montana
*Dr. D. S. MacKenzie, Jr., Havre Clinic
Dr. D. J. Almas
Dr. C. W. Lawson
*Dr. N. A. Franken Havre, Montana
Dr. R. Wynne Morris
*Dr. Thos. L. Hawkins
*Dr. F. W. Ford Billings, Montana
Dr. E. C. HallLaurel, Montana
*Dr. Paul Gans Lewistown, Montana
*Dr. J. P. CravenWilliston, North Dakota
Dr. Edward J. HaganWilliston, North Dakota
Dr. R. D. KnappWolf Point, Montana
*Designates also Examining Surgeon.

OPHTHALMIC SURGEONS (Eye Doctors)

Dr. W. L. Forster	Havre,	Montana
Dr. Cecil M. Hall	Great Falls,	Montana

M. J. SOMMERS, Asst. Supt.

A. T. WALKER, Master Mechanic.

C. E. EUDY, Chief Dispatcher.

J. R. McLELLAN, Chief Dispatcher.

W. H. LITTLE, Trainmaster.

V. W. BICE, Trainmaster.

D. S. NELSON, Trainmaster.

G. W. McELHINNY, Trav. Engr.

G. T. LITTON, Trav. Engr.

A. L. VINING, Trav. Engr.

D. D. DAHL, Asst. Trainmaster.

GREAT NORTHERN RAILWAY COMPANY

BUTTE

TIME TABLE 103

EFFECTIVE 12:01 A. M. MOUNTAIN STANDARD TIME

Sunday, September 27, 1964

P. F. CRUIKSHANK, Superintendent.

C. M. RASMUSSEN, General Manager.

H. J. SURLES,
General Superintendent Transportation.

Printed in U.S.A.

2	WE	STW	ARD					FI	RST SUBDIVISION	N		Twi		Е	ASTW	ARD
-		ar		FIRST	CLASS				Time Table					FIRST	CLASS	
on Numbers		Ì			27	31	rille from		No. 103 Effective September 27, 1964	Telegraph Calls	ince from	SIGNS	28	32		
Station	Sidings	Other			Daily	Daily	Distance Bainville		STATIONS	Tale	Distanc Havre		Daily	Daily		
685	161	280			L 9.05Pm	L 9.10Am			BAINVILLE	В	271.17	DJKPY	A 1.40Am	A 4.50Pm		
699	162	73			• 9.20		14.26		CULBERTSON	CU	256.91	DNPW	s 1.21			
705	162	8				9.26	19.76		13.71		251.41	P		4.30		
722	253	45			••••••		33.47		BROCKTON	BR	237.70	DP				• • • • • • • • • • • • • • • • • • • •
733	162	159			s 9.54	9.47	47.46		POPLAR	PO	223.71	DNPW	s 12.44	3.57		••••••
748	162	42					62.24		14.78 MACON		208.93	P				
753	274	828			• 10.25	10.05	68.65		WOLF POINT *.	wo	202.52	DNPW	s 12.21 Am	3.38		
765	162	87					79.93		oswego	GO	191.24	DP				
772		152					87.62		FRAZER*	FR	183.55	DP				
777	168					10.26	92.66		KINTYRE		178.51	P		3.12		
700	162	81					103.71		11.05 NASHUA	NA	167.46	DP				
789 803		742			11.25	10.50	118.22		14.51 GLASGOW	GW	152.95	BDNKO PRWY	. 11.15	2.46		••••
815	162	26			• 11.25	10.50	129.96	D.	TAMPICO		141.21	P	•	2.70		
828	257	84			s 11.55	11.13	144.03	O	14.07 HINSDALE	HD	127.14	DP	s 10.42	2.15		
842	197	155			s 12.10Am		156.79		12.76 SACO★.	SF	114.38	DNJKW	s 10.32			
									14.40 BOWDOIN							
860	154	50		•••••			171.19		12.61MALTA*		99.98	P				•••••
869	162	147			• 12.57	11.48	183.80		9.57 WAGNER	MF	87.37	DNPW	s 10.05	1.31		••••••
880	214	88		•••••		10.05	193.37		7.87 DODSON	DN	77.80	DP DP		1.13		•••••
886	139	50				12.05Pm	216.56		15.32 SAVOY		69.93 54.61	P		1.13		•••••
901	143	23				*******	210.00		11.82		04,01	-				
913	143	60			• 1.39	12.30	228.38		HARLEM★.	нм	42.79	DNPW	s 9.19	12.46		••••••
925	148	82					240.24		ZURICH		30.93	P				••••••
935	143	470			s 2.05	12.49	249.49		CHINOOK*.	CK	21.68	DNPYW	s 8.59	12.26		•••••
943	195	16					257.51		LOHMAN		13.66	BDNKO			•••••	
956	• • • • • • •	2808		••••••	A 2.40Am	A 1.10Pm	271.17		(★.	HV	•••••	PRWZ	L 8.35Pm	L 12.01Pm	•••••	•••••
			let.		5.35 46.58	4.00 68.0			Time Over Subdivision Average Speed Per Hour				5.05 53 34	4.49 56.29		
			277270	ATT OTT	DIVIC	. 2										

NINTH SUBDIVISION

THECOMINADO		300	-	-	-	7			1	
WESTWARD	II.							-		

-				
Tr A	C	rw	A	\mathbf{r}
H. A		· vv	-	

Station Numbers	Capi	Other Tracks	SECOND CLASS 333 Mon., Wed. and Fri.	Distance from Saco	Time Table No. 103 Effective Sept. 27, 1964 STATIONS	Telegraph Calls	SIGNS	SECOND CLASS 334 Mon., Wed. and Fri.
842		287	L 7.30 _{Am}	0.10	SACO*	SF	DNJK PY	A 5.00 m
8H 9	40 ~	72	s 8.00	8.73	8.73 COLE 6.58		P	s 4.30
SH 15		24	r ·8.30	15.31	TATTNALL		P	1 4.10
SH 26		34	s 9:15	25.87	WHITEWATER	w	DP	s 3.30
SH 39		34	s 10.00	38.82	LORING	N	DP	s 3.00
SH 54 SH 67		. 27	1 10.50 s 11.30	54.12 67.14	15.30 CHAPMAN 13.02 TURNER 11.58	R	P	t 2.25
SH 79		44	A 1.2.15Pm	78.72	HOGELAND	_X	DPY	L 1.00Pm
			4.45 16.57		Time Over Subdivision Average Speed Per Hour			4.00 19.68

CONDITIONAL STOPS

Trains 31 and 32 will stop at Wolf Point and Malta to receive or discharge revenue passengers from or to points Spokane and West or Minneapolis and East where these trains are scheduled to Stop. These trains will also stop at Glasgow to receive or discharge revenue passengers from or to points Minot and East or Spokane and West where these trains are scheduled to stop.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 8.

Westward trains are superior to eastward trains of the same class on the Ninth Subdivision.

W	ESTV	VAR	D				SEC	OND SUBDIVISION					EAS	TWARI	3
ета	Capa	ir city		FIRST	CLASS		Time Table		a				FIRST	CLASS	
Station Numbers		. 5		31	3	27	noe from	No. 103 Effective September 27, 1964	Telegraph Calls	Distance from Cut Bank	SIGNS	32	4	28	
Statio	Siding	Other Tracks		Daily	Daily	Daily	Distanc Havre	STATIONS	Teleg	Dista Cut 1		Daily	Daily	Daily	
956	٠.	2808		L 1.20pm	1 3.15Am	L 3.05Am	.		HV	128.91	BPRKD NWOZ	A 11.50Am	A 7.50pm	A 8.15Pm	
961		29		1.25	A 3.20Am	3.10	4.03	PACIFIC JCT		. 124.88	JPY	11.44	L 7.42Pm	8.10	
967	165	7					9.92	BURNHAM		. 118.99	P				
976	165	44		1.37			19.35	KREMLIN	KN	109.56	DP	11.27			
986	165	33					29.47	GILDFORD	GR	99.44	DP				
992		88					35.37	HINGHAM	HG		DP				
998	165	36		1.58			41.34	RUDYARD★.	RU		DP	11.03			
1004		170					47.58	INVERNESS	RN		DP				• • • • • • • • • • • • • • • • • • • •
1008		52					51.42	JOPLIN	10	111111	DP				•••••
1013	144						54.39	BUELOW		. 74.52	P				
1018	165	156		f 2.18		4.00	61.49	7.10 CHESTER★	СН		DPW	f 10.41	•••••	7.17	
1031	165	26					74.56	LOTHAIR	AR	200000	DP		•••••		••••••
1037		99					80.54	6.02	GA		DP				
1043	165	29		2.43			86.56		CI	42.35	DP	10.15	•••••		
1052	175	9					95.16	DUNKIRK		. 33.75	P				
1061	302	1332		s 3.05		A 4.53 L 5.10	104.64	\$\frac{9.48}{\$\text{SHELBY}}\rightarrow\righ	SJ	24.27	BRKDNP WOIYJ	s 9.55		L 6.35 A 6.28	
1074		31		3.23		5.25	117.67	THRIDGE	DO		DP BDNIK	9.37		6.12	
1087		467		A 3.38Pm		A 5.40Am	117.67 128.91	CH CUT BANK *.	CI		PRWX	L 9.25Am		L 6.00Pm	• • • • • • • • • • • • • • • • • • • •
		3		2.18 55.25	.5 48.36	2.35 49.9		Time Over Subdivision Average Speed Per Hour				2.25 53.34	.8 30.23	2.15 57.29	

CONDITIONAL STOPS

Trains 31 and 32 will stop at Cut Bank to receive or discharge revenue passengers from or to points Williston and East or Spokane and West where these trains are scheduled to stop.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 8.

4 THIRD SUBDIVISION EASTWARD

	E-ALEST								
nber		ar acity	FIRST CLASS	ш	Time Table No. 103	Calls	ш		FIRST CLASS
Station Number	2gr	sr	3	Distance from Pacific Jct.	Effective Sept. 27, 1964	Telegraph C	Distance from Sweet Grass	SIGNS	4
Stat	Siding	Other Tracks	Daily	Dist Paci	STATIONS	Tele	Dist		Daily
961			L 3.20Am		PACIFIC JCT	ļ	256.75	JPY	A 7.42Pm
Z 11	48	10	3.35	10.88	LAREDO		245.87	P	7.29
Z 20	91	38	3.47	20.70	BOX ELDER	вх	236.05	DP	7.19
Z 31	90	114	s 4.03	31.52	BIG SANDY.★.	BS	225.23	DNP	s 7.08
Z 45	77	24	4.22	45.41	VIRGELLE		211.34	P	6.49
Z 62	86	20	4.44	62.21	CHAPPELL	CQ	194.54	DP	6.27
Z 75	90	69	s 5.09	74.71	FORT BENTON .	BN	182.04	DNP	s 6.08
Z 91	75	44	5.32	90.40	CARTER	CA	166.35	DP	5.47
Z103	86	27	5.48	102.98	PORTAGE	RE	153.77	DP	5.32
Z108	100	18	5.57	108.57	SHEFFELS		148.18	P	5.25
Z119			A 6.20 L 7.20	119.22	GREAT FALLS★.	PD	137.53	BDNJK PRXW BJKO	L 5.10 Al 2.30
Z119			7.23	119.85	w. s. jct★.	G S	136.90	PWXYZ	12.27
			7.27	122.95	EMERSON JCT		133.80	JPX	12.23
ZB12	153	19	7.37	131.32	VAÜĞHN	ву	125.43	DPJR	12.13Pm
ZB27	123	25	7. 54	145.33	POWER	РО	111.42	DPJYR	11.55
ZB37	121	58	s 8.08	155.89	DUTTON★.	DU	100.86	DP	s11.40
ZB45	58	29	8.18	163.29	COLLINS	ON	93.46	DP	11.30
ZB55	96	42	f 8.31	173.25	9.96 BRADY	ВА	83.50	DP	11.17
ZB69	173	284	s 8.48	186.65	CONRAD★.	RD	70.10	DNP	sl 1.00
			8.53	189.87	M. W. JCT		66.88	PJ	10.55
ZB79	131	19	9.04	197.51	LEDGER	F A	59.24	DP	10.44
ZB84	47	13	9.12	202.15	FOWLER		54.60	P	10.37
Z B91	121	6	9.21	208.68	NAISMITH		48.07	P	10.27
1061			A 9.35Am	217.90	SHELBY★.	SJ	38.85	DNPBJY KORWX	L10.15Am
ZB120	47	111		237.97	19.67 KEVIN	к	18.78	DP	
ZB130	22	63		248.39	SUNBURST	s u	8.36	DP	
ZB 139	18	115		256.75	.SWEET GRASS.	G		BDKP	
		4	6.15 34.86		Time Over Subdivision Average Speed Per Hour	=			9.27 23.06

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

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 8.

FOURTH SUBDIVISION WESTWARD E.

Time Table

SECOND

8.42Am

EASTWARD

DJPRY L 3.50An

1.07 19.3

SECOND

Num	5	CLASS	No. 103	0	Į,		CI	LASS
Station N	Capacity Tracks	239	Effective September 27, 1964	Telegraph	Distance Moccasin	SIGNS	2	40
Sta	Car	Daily Ex. Sun.	STATIONS	Tel	Dis			Daily L. Sun.
ZF 30	246	L 7.10An	LEWISTOWN	wn	30.73	DJP XYR	A.	5.25Am
			N LEWISTOWN AN					
BE G	OVER	NEDBI	9.22	1 1 141	EIAE	LE AND	K	LES.
		L 7.35An			21.51	JPR	A	4.57Am
ZF 20	24	t 7.39	KINGSTON		20.32		f	4.45
ZF 14	34	s 7.58	ROSSFORK		14.23		8	4.34
ZF 8	34	s 8.19	KOLIN		7.52	DP	5	4.13

Eastward trains are superior to westward trains of the same class.

...MOCCASIN..... MC

WESTWARD FIFTH SUBDIVISION EASTWARD

Time Over Subdivision Average Speed Per Hour

Station Numbers	Capacity of Tracks	Distance from Vaughn	Time Table No. 103 Effective September 27, 1964 STATIONS	Telegraph Calls	SIGNS	
ZB 12	19	 	VAUGHN	ву	DJPRN	
		 5.64	DRACUT JCT		JPR	
ZE 9	21	 8.83	SUN RIVER			
ZE 14	26	 13.34	FORT SHAW		P	
ZE 19	26	 18.97	simms	SM	DP	
ZE 30	13	 29.41	RIEBELING			
ZE 42	34	 41.70	AUGUSTA	GN	DPY	

WESTWARD SIXTH SUBDIVISION EASTWARD

Station Numbers	Capacity of Tracks	Distance from Power	Time Table No. 103 Effective September 27, 1964 STATIONS	Telegraph Calls	SIGNS	
ZB 27 ZG 6	25 9	 5.72	POWER	РО	DJPRY	
ZG 12 ZG 22	23	 11.60	CLEIV 9.62		JPR	

TRAINS BETWEEN EASTHAM JCT. AND CHOTEAU JCT. BE GOVERNED BY C. M. ST. P. & P. R. R. TIME TABLE AND RULES.

		 28.05	CHOTEAU JCT		JPR	
ZG 29	55	 28.70	CHOTEAU	co	DPU	
ZG 42	88	 42.53	BYักบั๊M		P	
ZG 51	60	 51.11	PENDROY	RY	DPY	

Westward trains are superior to eastward trains of the same class on the Fifth and Sixth Subdivisions.

SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH'S.

SEVENTH SUBDIVISION								
WESTWARD								
Station Numbers	Car Capacity		SECOND CLASS	Time Table No. 103	Calls	В		SECOND CLASS
	8	Other Tracks	239	Effective Sept. 27, 1964	Telegraph (Distance from Great Falls	SIGNS	240
	Sidir		Daily	STATIONS				Daily Ex. Sun.
ZD 237				BILLINGS	ВĠ		BCDNK ORWXY	
TRA BE	INS GOV	BET/ERN	WEEN M	IOSSMAIN AND NORTHERN PAG	BILI	LINGS	AND L	AUREL
		1		AND RULES.				ABLE
ZD 222		60		MOSSMAIN		222.72	JPXY	
ZD 218	47	25		HESPER	нs	218.69	PJ	
ZD 213	121	23		RIMROCK 27.06		213.42	P	
ZD 186	122	55		BROADVIEW	вw	186.36	DNP	
ZD 166	122	24		CUSHMAN 25.69		166.75		
ZD 141	121	28		HEDGESVILLE 20.31		141.06	P DKP	
ZD 120	127	61		JUDITH GAP	1U	120.75	WYN	
ZD 108 ZD 92	47 58	73		BUFFALO 15.37 HOBSON		108.43	P	
2D 82	00			5.31	но	93.06	DP	
ZD 87	117	61	L 10.50Am	MOCCASIN	MC	87.75	DJPYR	A 3.23An
ZD 82	122	48	s 11.00	BENCHLAND	BD	82.30	DP	f 3.13
ZD 76	65	44	s 11.10	WINDHAM	WD	76.19	DP	f 3.03
ZD 68 ZD 52	57	145	s 11.23	STANFORD	SD	69.03	DNPW	s 2.50
ZD 52	47	34	s 11.53	12.39	GY	52.15	DP	s 2.20
ZD 39	47	21	s 12.15Pm	RAYNESFORD	RF	39.76	DP	f 1.58
ZD 34		23	t 12.25	BLYTHE		34.46	P	t 1.48
ZA 28	129	41	f 12.35	ARMINGTON		28.51	P	f 1.38
ZA 26		65	s 12.39	BELT	В	26.53	DP	s 1.33
ZA 22	123	13	f 12.48	WAYNE		21.60		f 1.24
ZA 19		19	f 12.54	3.13 FIFE 8.39		18.47		t 1.18
ZA 10	46	60	f 1.09	GERBER		10.08	BDNJK PRXW	f 1.03
Z 119		2539	A 1.30Pm	GREAT FALLS *	PD		PRXW	L 12.45An

2.40 32.9

Time Over Subdivision Average Speed Per Hr.

w	EIGHTH SUBDIVISION 5 WESTWARD EASTWARD								
ımbers	Car Capacity			шо	Time Table No. 103	Calls			
Station Numbers	Sidings	Other Tracks		Distance from W. S. Jet.	Effective Sept. 27, 1964	Telegraph	SIGNS		
==			<u>. </u>	HP	STATIONS	GS	BJK OPW	<u>!</u>	
Z 130	39	37		13.45		M	DP		
Z 145	40	98		27.95	CASCADE	Q	DP		
Z 153	32			36.16	HARDY		P		
Z 160	39			43.76	MID CANON		P		
Z 167	40	37		50.88	CRAIG		P		
Z 175	44	9		58.76	WOLF CREEK	wc	DP		
Z 184	40	9		67.96	SIEBEN		P		
Z 197 Z 214	97	15 268		80.49 97.16	SILVER CITY	HN	P BMKN PWXY		
Z 229		27		111.74	CLANCY		P		
Z 236	57	11		118.87	CORBIN		P		
Z 244	47	7		125.28	AMÁZON		P		
Z 250	47	33		131.59	BOULDER	RO	DP		
Z 257	40	14		139.29	BASIN		P		
Z 269 Z 279	39 42			151.31	8 44		P		
2 279	42	15		159.75	WOODVILLE		P		

SF	PEED	TA	BLE
~			

Time Over Subdivision Average Speed Per Hour

DX

170.27

Time Min.	Per Mile Sec.	Miles Per Hour	Time P Min.	er Mile 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	ī	30	40.0
	58	67.9	ī	88	38.7
	54	66.7	ī	86	87.5
	55	65.5	î	39	86.4
	56	64.8	î	42	85.3
	57	68.2	î	45	84.8
	58	62.1	î	50	82.7
	59	61.0	î	55	81.8
1	-	60.0	•	00	80.0
i	1	59.0	5	10	27.7
î		58.1	5	20	25.7
î	2 3	57.1	6		
1	2	56.8	- 4	80	24.0
1	5	50.0	-	40	22.5
•		55.4	•		20.0
+	6	54.5	1 1 2 2 2 2 2 2 3 3 4 5 6 7	80	17.1
•	7	58.7	•	_	15.0
	8	52.9	9	_	12.0
		52.2	9	_	10.0
i	10	51.4	7	_	8.6
1	12	80.0	8	_	7.5
1	14	48.6	9	_	6.7
1	16	47.4	10	_	6.0

Westward trains are superior to eastward trains of the same class on the Seventh and Eighth Subdivisions. SEE ADDITIONAL SPECIAL INSTRUCTIONS PAGES 6 THROUGH 8.

2.38 33.3

SPECIAL INSTRUCTIONS

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.

40 MPH—Ore cars, series 80,000 through 94,250 loaded with zinc concentrates.

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

Pacific Jct.

West end Havre yard, Lead Switch to North

Main Track. East Havre, 3 miles East of Pass. Station.

East Havre, 3 miles East of Pass. Station. End of Double Track 3 miles West of Shelby. End of Double Track Cut Bank.

East and West Siding Switches at;

Bainville Kintyre Lohman Gildford Brockton Nashua Poplar Hinsdale Buelow Chester Macon Saco Wolf Point Bowdoin Lothair Malta Devon Oswego Frazer Dodson Dunkirk

West siding switch at Blair East siding switch at Savoy, Harlem and Shelby

East switch North No. 1 track Glasgow

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 turn-

out at following locations; Culbertson, east siding switch.

20 MPH—Trains 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: 202 through 230; 550 through 599 (lock blocks); 600 through 699; 700 through 734; 900 through 915; 2000 through

2035; 3000 through 3025.

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 (5) units in a group. Additional such units or groups of units must be separated by not less than (5) cars.

When towing diesel engines dead in trains the following speeds must not be exceeded:

MAXIMUM SPEED

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, 2500 thru 2508.

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.

Great Northern tie flats in series X-4800 to X-4975 and X-4410, whether loaded or empty, must be handled on rear of train.

3(a). Trains handling flat or skeleton cars loaded with logs will not exceed 10 MPH passing over through-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 judgement 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.

 Brakemen with less than one year of experience should not be used as a flagman 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 evidence report the fact to Superintendent from first available point of communication.

During and immediately following snow storms 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:

Employes governed by time service rules must not wear wrist watches while on duty unless such watches are of an approved

Approved type wrist watches are: Elgin, B. W. Raymond model 13/0 size, 23 jewels.

Ball, 1604B, stainless steel, 13/0 Ligne, 21 jewels. Bulova Accutron, Railroad approved model. Hamilton, 505 R.R. 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. Exception-In the movement of a through yard transfer or of a light engine being handled only by hostlers, it is not necessary for a member of the crew to be on the ground at the crossing.

10. Employes 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.

Supplementing Rules 7 (A) and 12 of the Consolidated Code of Operating Rules. When movement being made is controlled by hand, flag or lantern signals, the employes involved will give or relay such signals directly to the engineer.

When backing or pushing a train, engine or cars in response to hand or light signals from a trainman, the disappearance from view of the trainman giving such signals or of his light by which such signals are given must be regarded as a stop signal, except when movement is under control of a trainman on the leading car that is equipped with back-up air brake hose or pipe.

FIRST SUBDIVISION

(Main Line) 1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Passenger Freight Bainville and Havre 79 MPH 60 MPH

2. SPEED RESTRICTIONS.

Culbertson, No. 32 to permit proper discharge of mail....60 MPH

TRAIN REGISTER EXCEPTIONS.

Glasgow, First Class Trains need not register.

CLEARANCE PROVISIONS AND EXCEPTIONS, RULE 83(B). Bainville, Rule 83(B) does not apply. Minot division Clearance Form A received at Havre will clear the train at Bainville. Williston, Butte division trains must obtain their Butte division clearance at Williston which will clear the train at Bainville.

 Main track switch to Petrofuels Refining Co. Spur track at Macon is not equipped with electric locks. Trains or engines using this track must keep main track switch open unless main track is occupied by engine or cars. In addition this track must not be used to get into the clear for trains or engines.

6. The following signals are located adjacent to the left of the track which they govern.

HAVRE STOCK YARD.

Westward governing home signal for Main track. Eastward governing home signal for yard track.

7. Yard engine or light engine movements on main track at Glasgow and Havre must be made at restricted speed.

SECOND SUBDIVISION

(MAIN LINE)

1. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between Passenger Freight 79 MPH 60 MPH Havre and Cut Bank.....

2. SPEED RESTRICTIONS. Between Depot and MP 1089.8, 1000 feet east of depot at Cut Bank, through crossover 30 MPH

3. TRAIN REGISTER EXCEPTIONS. Shelby, register only for trains originating or terminating. Cut Bank, first class trains and passenger extras register by

4. CLEARANCE PROVISIONS & EXCEPTIONS, RULE 83(B). Pacific Jct., 83(B) does not apply.

5. Main track switches to tracks shown below are not equipped with electric locks. Trains or engines using these tracks must keep main track switch open unless main track is occupied by engine or cars; in addition these tracks must not be used to get into the clear for other trains or engines. Fresno Industry track Spur

Elevator Spur north of Main Line 6. Consolidated Code Rules 251, 251(A), 253 and 254 are in effect on the double track between Shelby and Cut Bank. This does not modify Rule 99. Running orders are not required for move-

ments with the current of traffic.

7. MANUAL INTERLOCKINGS WITH DUAL CONTROL SWITCHES. Cut Bank... End of double track east and west end Bridge 1090.8.

Switches are controlled by operator at depot.

8. Two main tracks known as NORTH MAIN and SOUTH MAIN extend between P.C.F. Jct. and crossovers at west end of Havre

The following signals are located adjacent to the left of the track which they govern:

EASTWARD ON NORTH MAIN TRACK.

Signal 433.2

Eastward governing home signal end of two main tracks Havre.

WESTWARD ON SOUTH MAIN TRACK. Signal 433.3

Westward governing home signal end of two main tracks

9. Yard engine or light engine movements on main track at Havre and Shelby not being made by signal indication must be made at restricted speed.

10. The eastward approach signal No. 1070.8 at end of double track Shelby, Montana may display an aspect not covered by the Book of Rules. When the eastward home signal on the south track is properly clear for movement to single track this signal may display aspect of yellow over green. This aspect is named "approach diverging route," and indication is "approach next signal pre-pared to proceed on diverging route." This signal aspect is covered in CMStP&PRR block and interlocking rule 240-E Figure 1, and this rule will apply to and govern Great Northern train and engine movements at this location.

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

I. MAXIMUM PERMISSIBLE SPEED FOR TRAINS.

Between		Passenger	Freight
Pacific Jet	and Sweet Grass	59 MPH	49 MPH
Great Fall	and Mossmain	59 MPH	49 MPH
Great Fall	s and Butte	59 MPH	40 MPH
Saco and l	Hogeland		35 MPH
Lewistown	and Moccasin		35 MPH
Vaughn an	d Augusta		20 MPH
Power and	Pendroy		25 MPH

2. SPEED RESTRICTIONS.

3. TRAIN REGISTER EXCEPTIONS.

Vaughn, Power, Conrad, Moccasin register only for trains originating and terminating.

4. CLEARANCE PROVISIONS AND EXCEPTIONS RULE 83(B).

Pacific Jct., Eastham Jct., Choteau Jct., Rule 83(B) does not apply.

Moccasin, Vaughn, Power and Saco, Rule 83(B) does not apply providing train order signal indicates proceed.

Nos. 3 and 4 require clearance at Great Falls.

Great Falls, westward CMStP&P RR. trains departing from Milwaukee passenger station must obtain clearance from G.N. dispatcher.

Great Northern clearance received at Billings and Laurel will clear trains at Mossmain.

Eastward GN trains entering CMStP&P tracks at Spring Creek Jct. must obtain CMStP&P clearance before arriving at Spring Creek Jct. No. 240 will obtain such clearance at W. S. Jct.

Lewistown, westward G.N. trains departing from G.N. passenger station must obtain clearance from G.N. and CMStP&P dispatchers.

- Great Falls, normal position of Third and Seventh Subdivision Jct. Switch is lined for the Seventh Subdivision.
- At Great Falls between Seventh Subdivision Junction Switch and Emerson Jct. there is no superiority of trains.

The portion of Consolidated Code Rule 93 reading "within yard limits the main track may be used, clearing first-class trains when due to leave the last station where time is shown" does not apply between Seventh Subdivision Junction Switch and Emerson Jct. All train and engine movements must be made at restricted speed between these points.

Trains from Seventh Subdivision must call yardmaster for permission to enter Third Subdivision if on the time of first-class trains.

- Butte, train and engine movements over crossings must be protected by a crew member on the ground at the crossing except during assigned hours of watchmen.
- 8. AUTOMATIC INTERLOCKINGS.

- RAILROAD CROSSINGS PROTECTED BY GATES. Helena, 1.87 miles east of....N. P. Ry. Industry track Normal position is clear for Great Northern.
- Unless otherwise instructed, protection against following trains as required by Consolidated Code Rule 99, is not necessary on:

Third Subdivisionbetween Shelby and Sweet Grass

Ninth Subdivision.....between Saco and Hogeland
Fourth Subdivision....between Spring Creek Jct. and
Moccasin

Fifth Subdivision.....between Dracut Jct. and Augusta

Sixth Subdivision.....between Power and Eastham
Jct. and between Choteau Jct.
and Pendroy.

Form Z Train Order is not required as specified above on these Subdivisions.

If it becomes necessary to operate a following train when there is still a train on these Subdivisions, 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.

Business Tracks not Shown as Stations on Time Table.

NAME	LOCATION	Capacity Cars	SWITCH OPENS
First Subdivision			
Sprole	6.52 miles east of Poplar	43	West end
Chelsea	6.80 miles west of Poplar	19	West end
Glasgow Air Base		Yard 146	East end Both ends
Whately	8.78 miles east of Hinsdale	100	Both ends
Saco Stock Yards	1.70 miles west of Saco	27	Both ends
Malta Stock Yards	2.07 miles east of Malta	46	Both ends
Coburg	5.21 miles east of Savoy	165	Both ends
Harlem Stock Yards	1.29 miles east of Harlem	38	Both ends
Harlem Beet Track	0.76 miles west of Harlem 6.33 miles west of Harlem	43 54	Both ends East end
Fort Belknap North Fork Track	3.66 miles west of Zurich		East end
TOTAL POIR PROCESSION	ord miles west of Barrenssissis		Dast Chu
Second Subdivision			
Fresno	4.70 miles west of Burnham 4.66 miles east of Cut Bank	15	West end
Union Oil Spur (3 Tracks)	4.66 miles east of Cut Bank	8-11-17	East end
Tiber	5.54 miles west of Chester	135-32	Both ends
Third Subdivision			
Verona	5.29 miles west of Big Sandy	5	East end
Lippard	5.95 miles east of Chappell	20	West end
Kershaw	5.03 miles west of Fort		
	Benton	88	Both ends
	5.91 miles east of Carter	8 29	West end Both ends
Flowree	4.89 miles west of Sheffels		West end
Manchester	7.83 miles west of Great Falls	30	East end
Acme	3.04 miles west of Dutton	8	East end
The Texas Co	0.63 miles east of Sunburst	16	Both ends
FIGURE 1 II			
Fifth Subdivision	0.53 miles west of Vaughn	44	Both ends
Lowry	3.93 miles west of Simms	26	Both ends
Sixth Subdivision	F 40 miles much of Claim	15	***
Bole	5.48 miles west of Cleiv	13	West end East end
Hobson Elevator Spur	3.75 miles east of Choteau	15	West end
Koyle Spur	7.87 miles west of Choteau	7	East end
Seventh Subdivision	1 00 Promise	00	
Acton	1.90 miles east of Rimrock 12.18 miles west of Rimrock	26 18	West End
Comanche	8.55 miles east of Broadview		Both ends Both ends
Belmont	7.56 miles east of Cushman	18	Both ends
Franklin	12.61 miles east of Hedgesville	16	Both ends
Oxford	6.85 miles east of Judith Gap	10	East end
	5.36 miles west of Stanford	18	Both ends
Bovey's Elevator Spur	5.15 miles west of Fife	15 Yard	East end
Lavin Spur	6.50 miles east of Great Falls	80	West end Both ends
			Dotte Grids
Eighth Subdivision			
Mortenson's Spur	1.2 miles east of Hardy	129	West end
Gilmore Pit	At Hardy	105	West end
Products Spur	1.72 miles west of Helena	19	East end
Car-Con Spur	1.84 miles west of Helena		East end
Montana City	8.16 miles west of Helena	92	Both ends
Lahey	0.74 miles west of Corbin		Both ends
Wickes	3.77 miles west of Corbin		West end
Pacific Silica	1.50 miles east of Basin	23	Both ends