# GREAT NORTHERN RAILWAY LINE.

GREAT NORTHERN RAILWAY.

# KALISPELL DIVISION

# TIME TABLE NO. 46.

EFFECTIVE 12:01 A. M.

SUNDAY, NOV. 19, 1905.

General Rules, Regulating the Movement of Trains, are contained in Book of Rules for the Government of the Operating Department, a copy of which must be in possession of each employe in train service while on duty.

This Time Table is not intended for the information of the public, nor as an advertisement of the time or hours of any train. The Company reserves the right to vary from it at pleasure. It is for the information of employes only.

H. L. SHEPARD,

P. C. ALLEN.

J. H. O'NEILL, Acting Asst. Gen'l Superintendent. Acting General Superintendent.

H. A. KENNEDY,

## BETWEEN CUT BANK AND WHITEFISH

MOUNTAIN STANDARD TIME

			WE	ST-BO	DUND				ryes /yes	Jo.	6	6	EFFECTIVE AT	g .	See .			E	AST-I	BOUND	<b>D</b>					
		Third Class,	Secon		Firs	16	First Class		oal, S.	pacity	Paul Paul	ce fro Bank	12:01 A. M.	ce fro	by Of		First Class	Pir Cla		Sec	ond ass		ird			
		No. 683 Way Freight Bally	No. Time	ht	No.	ger	No. Passer Dail	ger	Water, C Tables	Car Ca	Distar	Distan	SUNDAY, NOV. 19th, 1905	Distan	Telegra	Pa	lo. 2	No Pass Dai	enger	No. Tip Frei Da	me	No. W Frei Da	ght			
		4-15 PM D	e 7.10	AM De	5.10	AM De	5.45	PM De	W.C.T.	513	1089.21	0.00	Cut Bank	128 55	DN.	T 2.5	5 AM A	1.45	PM Ar	3.25	AM Ar	12.15	AM Ar			
		4.45	7.40	t	5.25		5.59	****	*******	70	1095.02	5.81		122.74		f 2.)	9			3.00		11.50				
		5.00	7.55	t	5.35		6.07		W4mi.W	57	1095.73	9.52	Seville	119.03		1 2.0	9	1.20		2.40		11.35				
12.1		5.50	8-30	f	5.59		6.25			57	1109.50	20.29	Bombay	108.26		f 1.4	8	12.59		2.15		10 50				
		6.37 1 Ps	9.00	£	6.13		6.37	Ps 683	w.	76	1115.51	26. 30	Blackfoot	102.25		f 1.8	6	12.46		1.55		10.20				
		7.30	9.45	s	6.36		6.59		WY.	92	1123.16	33.95	Browning	94,60	DN.	s 1.2	Ps 402	12.30		1.21	2 Ps	9.50				
ereal ereal		8-10	10.20		6.52	******	7.16			80	1128.49	39.28	Durham	89.27		1.0	9	12.20		12.35		9.17				
		8.55 Mt 684	10.55	1	7.04		7.29			106	1133.40	44.19	Kilroy	84.86		£ 12.5	9	12.10		12.10	AM	855	Mt 683			
		9-10	11.10	t	7.10		7.35		W.	75	1136.60	47.89	Midvale	81,16	DN.	D f 12.5	2	12.02	PM	11.40		8.20				
10		9.45	11.49	Mt 4 f	7.29		7.50	Mt 684	**********	70	1143,24	54.03	Lubec	74.52		f 12.4	0	11.49	Mt 401	11.10		7.50	Mt 1			
		10.40 Mt 402	12.30	PM s	7.45		8.10	******	W.Y.	96	1149.49	60.28	Summit	68.27	DN. S	M s 12.2	8	s 11.35		10.40	Mt 683	7.22				
***		10.55	12.44	******	7.51		8.16			65	1152.43	63,22	Skyland	65,83		12.0	8 AM	11.21		9.30		6.32				
******		11 10	1.00	t	7.58		8.23	Mt 402	W.	62	1156.15	66,94	Bear Creek	61.61	DN. I	C f 11.4	8	11.04		8.23	Mt 1	5.52			****	
112 17210		11-29 M12	1.15		8.08		8.33	*******		54	1159.61	70.40	Highgate	58.15		11.2	9 Mt 683	10.49		7.38		5.07				
- Andrews	dann ashiring	11.47	1.31	t	8.19		8.43			59	1163.58	74.37	Java	54.18		f 11.1	1	10.33	******	6.58		4.37		******		********
		12.25 AM	2.04	********	8.30		8 53		W. C. T.	107	1167.74	78.58	Essex	50 02	DN 8	x s 10.5	8	€ 10.23		6.30		4.07	*******			
	de la companya de la	12.50	2.28	1	8.41		9.05	******		57	1173.44	84.23	Paola	44.32		f 10.4	2	10.09		5.48		3.17				*******
		1.15	The second second	Mt 684	8.51		9.16			60	1178.12	88,91	Garry	39.64		10.3	0	9.58		5-23		2.47	Mt 401			********
******		1.45			1000		9.28		W.	68	1183.66	94.45	Nyack	34.10	N. N	Y f 10.1	6	9.47		4.48		2.10				
**(**********		210					9.36			60	1188,74	99.53	Rockhill	29.02		10.0	4	9.37		4.23		1.45	******			
*******		2.40		Mt 402 s	No. of the last of	Mt 4 s		Mt 2		20033			Belton				1 Mt 1	s 9.26	Mt 3	3.53	Mt 401	1.15				
******		3.20		t			10.08	*********	w.			250000	6.81		2000		<b>学校</b> (14)	9.05		3.15		12.35				
		3-50	4.55	•	10.05		10.23	******		-140502		The same	Columbia Falls	<b>在企业</b>	9330			s 8.50		2.45		12.05	P M		******	
******	1		5.00		10.14						THE RESERVE	5	Mont & G. N. Jet	ECAPIT.		33 180 18		*******								
		4-10	# 17 - 60 - 17 - 19 - 19 - 19 - 19 - 19 - 19 - 19		10.14 N	Mt 684	10.31			<b>医</b>	1213.60 1		4-16				5			2.25			Mt 3			*******
21111111111	-	4.40 AM Ar	Manufacture		10.25 A		10.40	Name and Address of the Owner, where	W.C.T.	810	1217.76 1	28 55	Whitefish	0.00	DN. W		5 PM De	8.30	AM De	2.10	PM De	11.15	AM De			
		No. 683	No. 4	101	No. 3	3	No.	1		1	CONTRACTOR	9250		700	3/18	N	0. 2	No.	4	No.	402	No. 6	384			

West-bound Trains are Superior to East-bound Trains of the same class. See Rule 43.

All trains will be handled under absolute control and without regard to making schedule time at all points where land or snow slides or falling rocks may be encountered.

### SPECIAL RULES-Note Important Changes

All west-bound trains Summit to Essex must not exceed schedule time.

Trains will date from time scheduled to leave terminals. Cut Bank, Whitefish and Troy are terminals for passenger and freight trains. Rexford and Fernie are terminals for passenger and freight trains on Fernie line. Columbia Falis and Kalispell are terminals for passenger and freight trains on Kalispell line. Trains will be governed by mountain standard time.

All east-bound trains will stop not less than 200 and not more than 800 feet west of Mont. & G. N. Junction, one-half mile west of Columbia Falls, and must know way is clear before proceeding.

Clocks regulated to standard time are located in telegraph offices at Cut Bank, Kalispell, Whitefish, Rexford and Troy

All second and succeeding class trains must procure clearance cards at night telegraph offices between the hours of 7 p. m. and 7 a. m., between Cut Bank and Whitefish.

Bulletin boards are located at Cut Bank, Kalispell, White-fish, Rexford and Troy.

Conductors and enginemen must carefully examine all bulletin boards daily.

The switch at Junction with Kalispell line at Columbia Falls must be kept set for main line.

All west-bound trains, passenger and freight, must make a service test of air at Summit.

Yard limit boards are located at Cut Bank, Columbia Falls, Kalispell, Whitefish, Rexford and Troy—See Rule 69.

Trains must not follow each other out of stations less than 15 minutes apart, and operators will block trains as provided in this rule.

Operators at Summit must block all trains 30 minutes apart.

Trains 1 and 4 are limited trains and make no stops except those shown on time table. Inferior trains must use every precaution to prevent delaying them.

Trains 2 and 3 will make local stops.

Before starting out on runs conductors must inform their enginemen the number of loaded and empty cars in train and how many cars of air are working.

Car capacity of sidings includes passing, house and other industry tracks, and is based on 40 foot cars.

### BETWEEN WHITEFISH AND TROY.

MOUNTAIN STANDARD TIME.

A SHEAR CO.					WE	ST-B	OUND				f.		Paul	hite.	EFFECTIVE AT	È .			EAS	T-BOUN	0			
			Third		Seco Cla		Fire Clas		Fire		Scales d Wyes	\$0 £1	om St	e e	12.01 A. M.	Office Office	Calls	First Class	First Class	Second Class		Third Class		
			No. 6	eight	No.	reight	No. Passen Dail	iger	No. Passer Dail	ager	Water, Coa Tables an	Car Capaci Sidings	Distance fr	Distance for fish	SUNDAY NOV. 19th, 1905	Distance f	Telegraph	No. 2 Passenger Dally	No. 4 Passenger Daily	No. 40 Time Frei Daily		o. 684 ay Freight Daily		
			5.50	AM De	6.40	P M De	10.40	AM De	10.55	PM De	W. C. T.	810	1217.76	0	Whitefish	. 184.62 DN	WF	8.40 PM Ar	8.15 AMA	1.10 P	M At 9.	50 Mt 8		********
			6.20		7.03			PARAM MONTH OF		A CONTRACTOR OF THE PARTY OF TH	THE RESERVE OF THE PERSON	No. of Concession, Name of Street, or other Publisher, Name of Street, or other Publisher, Name of Street, Nam			Vista	CONTRACTOR OF THE PARTY OF THE	\$100 MINOR	8.26	8.01	12.45	9.	ELS BOOK		*******
			7.00		7.35		1 11.04		11.20			108	1229.71	1195	Lupfer	. 122,67		f 8.12	7.47	12.10 P	M 8	54		
			7.37	Mt. 4	8.02	Mt 2	1 11.14		11.30		W.	108	1235.00	17.24	Olney	. 117.88		f 8.02 Mt 401	7.37 Mt 683	11.50	8-	32		
			8 07	Mt 684	8.31		111.26	Mt 402	11.42			108	1241.21	28.45	Radnor	. 111.17		f 7.49	7.24	11.26 M	84	07 Mt 683		***************************************
			8.47	.,	9.05		f 11.39	*******	11.55		W. Y.	113	1247.74	29.98	Stryker	. 104.64 DN	SY	f 7.35	7.10	10.50	7.	40		
		*******	9.15		9.28		i 11.52		12.08	A M		108	1254.18	36,42	4.58	. 98.20		f 7.17	6.53 Ps 684	10.00	6	53 4 Ps		
			9.35	Mt 402	9.46	******	f 12.01	P M	12.18						6.75			t 7.05	6.42	9.35 M	683 6.	05		
		*******	10.10		10.12		f 12.16	The second second		127 9 ST2530		B10000000			Tobacco	THE RESERVE OF THE PARTY OF THE	12200		6.24	8.45	5.			
	· · · · · · · · · · · · · · · · · · ·		10.35	**** ***	10.30			The second second second		A CONTRACTOR OF THE PARTY OF TH		The second			Eureka 5.99	CONTRACTOR OF THE PARTY OF THE	THE CONTRACTOR IN	STATE OF THE PARTY	RACES STREET,	8.10	4			學的學習 医神经性
CALL STREET, STATES		******	11.05	******	10.52			40 m 40 m		A STATE OF THE PARTY OF		10000000			Shields 2.71		A CONTRACTOR OF THE PARTY OF TH			SERVICE SE	4.1			
			11.50		11.15		s 12 45		1.00		W.Y.C.		10 To		Rexford	A	10000				3.			
		******	<b>自己的</b>	P M	11.30			********				10 mg			Rondo		16000				2.			
		******	12.45		11.59			******	1.23						Stonehill		20000	TO SEE SEE SEE SEE SEE			2.			
	1	100000	1.20	3 Ps	12.25		<b>阿里州</b>	Ps 683			100				5.30			SECTION SECTION						
		*******	1.50		12.50		1.30	*******				A STATE OF			4.75 Volcour				5.11		12			
a maria de maria		*** ****	2.15				1.39					N Sa			5.14 Warland				5.04 Ps 402		Ps   12 11.			
CONTRACTOR OF THE PARTY OF THE	1		2.40				1 1.49		2.04			1800			5.29 Yarnell		<b>经</b> 经工生				11			
			3.05	*******				*** ****	2.14	Ps 401					5.36 Jennings		100000	s 4.50			11.			
			3.30	Mt 2	3.15	Mt 402	s 2.10 s 2.36					10000			12.56Libby		NE SE		4.12	3.15 am Be				
			5.20				1 2.58				The state of the	1000			Kootenai Falls					S (In the section of				The state of the s
*********	1									Mt 4	<b>和</b> 原数数数数	STATE			7.42 Troy			CONTRACTOR OF STREET			STATE OF THE STATE OF			THE RESERVE OF THE PARTY OF THE
	-			_				-							-			-		-	_		-	
			No.	683	No.	401	No.	3	No.			-				1-1-		No. 2	No. 4	No. 40	2 1	0. 084		

West-bound Trains are Superior to East-bound Trains of the same class. See Rule 43.

All trains will be handled under absolute control and without regard to making schedule time at all points where land or snow slides or failing rocks may be encountered.

# SPECIAL RULES-Note Important Changes

All west-bound trains must stop not less than 200 and not more than 800 feet east of Junction east end of Rexford yard and must know way is clear before proceeding.

tion under control expecting to find main track occupied. All east-bound trains must approach Junction at Rexford

All west-bound trains must approach M. & G. N. Junc-

under control, expecting to find main track occupied.

When there is more than one section of a freight train authorized to carry passengers, the last section only will carry passengers.

The switch at Rexford Junction must be kept set for

All empty flat, coal, dirt and outfit cars must be hauled behind all loaded cars and empty box, stock and refrigerators, and all empty cars must be hauled behind loaded cars.

Conductors and enginemen must report to the Division Superintendent an absence of switch lamps where usually

Conductors of all trains must register their arrival at and departure from Cut Bank, Summit, Essex, Columbia Falls, Whitefish, Rexford and Troy, and state under head of remarks whether they have or have not displayed signals, and if displayed, state from what and to what points. No train will be considered as registered unless such notation is made, and in case of omission, conductors of opposing trains will govern themselves accordingly and report the fact to the Superintendent.

First class trains will register by card at Summit except when displaying signals when conductors will register in

W. H. WINCATE, Chief Dispatcher, Whitefish

# Between Rexford and Fernie-Fernie Line.

MOUNTAIN STANDARD TIME.

	WEST	BOUI	ID		Scales	Jo J	Ē		EFFECTIVE	8	ices	Calls		E	AST B	OUND																																									
	Thi Cla		Fir Cla		ost, S	inacit	Paul Paul	ice fro	12:01 A. M.	ce fro	ph Of	rph C	Fir Cla		Thi																																										
	No. Frei Daily 2 Sunc	ght	Passes Daily E	No. 249 Passenger Daily Except Sunday		Passenger Daily Except		Passenger Daily Except		Possenger Daily Except		Possenger Daily Except		Passenger Daily Except		Passenger Daily Except		Passenger Daily Except		Passenger Daily Except		Passenger Daily Except		Passenger Daily Except		Passenger Daily Except		Possenger ally Except		Passenger Daily Except		Car C	Distance St. Pa	Distar	SUNDAY, NOV. 19th, 1905.	Distan Re	Telegra	Telegr	No. 2 Passe Daily E Sund	nger	No. (Frei Daily F	ght															
	9.00	AM De				20000000			Fernie			F	BUT SHEET TO SEE SE	PM Ar	A CONTRACTOR OF THE		 																																								
	9.50	*******	10.17			STATE OF THE PARTY OF			0.00 Swinton	52.54		S	8.36		7.40		 																																								
	10.25	-	10.42		W 16 mi East	73	1321.84	18,89	Elko	42.78			8-10		6.55		 																																								
*********	10.53	249 Ps	10.53	Pa 685	S					SZ (1)			7.58		6.30		 ******																																								
	11.25		11.10	******					Baynes	Section 1		1000000	7.39		5.50		 																																								
	11.50	PM	11.22		******	800 min			Krag	SEC. 125.704			7.26		5.27		 																																								
	1223		11.44			71	1294.08	45,65		15.02			7.15		5.08																																										
	1.10		11.59	AM Ar PM De	0.				International BoundaryGateway		PER COL	- SEE	6.51	PM De PM Ar	4.80		 ******																																								
THOMAS COME	1.30	1111	12.15			CHARLES THE RE			Hayden		90 0.00	STATE OF THE PARTY AND	6.36		3.50		 ******																																								
THE PERSON NAMED IN COLUMN 1	8.00 No. 6	PROPERTY AND ADDRESS OF THE PERSON NAMED IN	No. 2		WYC	272	1279.06	61.67	Rexford	0.	DN	RD	6.25	PM De	3.30	PM De	 																																								

All trains must approach M. F. & M. Junction at Swinton under control. Engine and trainmen must protect against trains of M. F. & M. Ry, while turning on wye at Fernie.

West-bound trains are superior to east-bound trains of the same class. See Rule 43.

Trains will register at Rexford, Gateway, Swinton and Fernie.

Conductors and enginemen must know that their way is clear between Junction and Rexford.

Conductors and enginemen must carefully examine bulletin boards carly.

The switch at Junction with Fernie line at Rexford must be kept set for main line. No train will cross International Boundary at Gateway without permission of customs officers.

# Between Columbia Falls, Kalispell and Lakeview--Kalispell Line

W	VEST-BOUN	D	Scales, Wyes	J.C	-	E so	FFFFOTIVE		ses	18	EAST-BOUND							
Second Class First Cla		t Class First Class		city	fror and	from Falls	EFFECTIVE		Offices	, Calls	First Class		First Class		Second Class			
No. 375 Mixed Tuesday and Friday	No. 247 Passenger Daily	No. 245 Passenger Daily	Water, Coal, Tables and	Car Caps Sidir	Distanc St. P	Distanc	SUNDAY, NOV. 19th, 1905.	Distance Lakev	Telegraph	Telegrupl	No. 246 Passenger Daily		No. 248 Passenger Daily		No. 376 Mixed Tuesday and Friday			
***************************************			The state of the	8			Columbia Falls			REPORTED SO		455,6885		TO SHOW SHOW		10 (2) (25/2)		
							Mont & G. N. Jet 5.29 La Salle											
11.30 AM De	11.08 PM Ar	10.50 AM Ar	WCTO	251	1224.42	14.77	Kalispell	48.42	D	ĸ.	8.00	AM De	8.25	PM De	3.15	PM A		
	**************		2000	237	1285.52	25.87	Somers	59.22		*****								
							Sedan							<b>经</b> 库在1000000000000000000000000000000000000	2.40			
			120	1 0			Athens					AT DECEMBER OF THE PARTY.				PM 1		
manual value			Charles Service				Lakeview					MODE PROGRAMMS						
No. 375	No. 247	No. 245	-	42.1	1212.54	ba 19	Lakeview	0.00	-		No. 2	SERVICE PROPERTY.	No. 2	48	No. 3	376		

All trains must move with caution and with train under control between Mont, & C. N. Jct. and Columbia Falls, looking out for main line trains.

West-bound trains are superior to east-bound trains of the same class. See Rule 43. Trains will register at Columbia Falls and Kallspell. Conductors and enginemen must carefully examine bulletin boards daily.

Kalispell and Marion are terminals for trains 375 and 376.

Trains and light engines must approach under control and not exceed eight (8) miles per hour passing over bridge 155, 1¼ miles east of Sedan; bridge 156, ½ mile east of Sedan, and bridge 157, one mile west of Sedan, and through Haskell Pass Tunnel; and will not exceed fifteen (15) miles per hour over bridge 179, ¾ mile east of Lakeview.

#### NAME AND LOCATION OF SPUR TRACKS.

NAME OF SPUR OR SIDING	Location M. P.	EAST OF STATION	WEST OF STATION	Distance	Track Opens	Car Capacity
Murrays and Kileys Spur	1212.3		Columbia Falls	1.1	East	4
Dailys Spur	1213.8		Columbia Falis	2.6	West	70
B & M Lbr. Co. Spur No. 1	1223 S	Kalispell		2 1	Hast	7
Kal. Industrial Co. Spur	1224 8	Kalispell		1.1	East	48
Smith Valley Spur	1231.0	Batavia	<b>一种独立的</b>	0.5	East	9
Idaho Lumber Co. Siding	1246.5	Marion		2.5	EACH END	6
Wininger's Spur		at Lake View		- T	Rast	5
Hayes Spur	1370.0		Krag	2.0	East	3
Ice Spur	1240.0	Raduor		1.2	West	30
Batavia Spur		Sedan		4 3	East	10
Dahlbergs Spur	1260.7		Fortine	2.0	East	6
Palmers Spur	1275.3	Shields		10	West	6
Purtles Spur			Krag	2.7	East	6

#### LOCATION OF TUNNELS.

No. 1. One mile West of Bear Creek,

No. 2. One mile West of Paola,

No. 3. 11/4 miles West of Paola.

No. 4. One mile East of Belton. No. 5. 2½ miles West of Coram. No. 5A. 2½ miles West of Vista.

No. 5B. One mile East of Shields.

Derail switches are located at following points: Opal, Browning, Midvale, Lubec, Summit, Skyland, Bear Creek, Highgate, Java, Essex, Paola, Garry, Nyack, Coram, Colum-bia Falls, Athens, Idaho Lumber Co. siding, Marion, Trego, Fortine, Tobacco and Shields. All derail switches, except when in use, must be kept set for the ground, whether there are any cars on tracks or not. Those at Trego, Fortine, Tobacco and Shields are operated by main line switch.

#### Capacity of Different Classes of Engines in Tons, in addition to Weight of Engine, Tender and Caboose.

STATIONS	Ruling Grade	F4 to F9 20x32 210 lb	19x32 200 lb	F1805 19x26 180 lb	94 19x24 150 lb	19x24 150 lb	18x24 145 lb	8 8 17×24 145 lb
Cut Bank to Summit	1.0	1200	900	725	650	575	460	420
Summit to Whitefish	Down							
Whitefish to Stryker	0.25	2500	2000	2000	1700	1600	1400	1200
Stryker to Troy	Down							
Troy to Jennings	0.75	2000	2000	1460	1350	1200	900	800
Jennings to Rexford	0.4	2000	2000	1460	1350	1200	900	800
Rexford to Stryker	0.7	1475	1185	485	900	790	665	610
Stryker to Whitefish	Down			*****				
Whitefish to Essex	0.8	1300	1050	875	800	700	590	540
Essex to Summit	1.8	650	525	440	400	350	255	232
Summit to Cut Bank	Down							
Rexford to Gateway	0 55	1800	1400	1080	975	875	675	600
Gateway to Fernie	0.80	1300	1050	875	800	700	590	540
Fernie to Rexford	Down			7.0			330	

#### TIME INSPECTORS:

A. C. LIPHARGT, Fernie, B. C.

J. A. ROBINSON, Whitefish.

# CONTENTS OF MEDICAL CASE.

# Conductors Must Study and Familiarize Themselves with the List of Articles in the Case, and Their Uses.

No. 1. Rubber Bandage and Tourniquet, for stopping hemorrhage; apply on sound flesh above the wound, draw tightly each time, and encircle the limb until the whole bandage is used. Fasten securely in slot.

No. 2. Twelve Assorted Muslin Bandages, to hold dressings in place, assist in stopping hemorrhages, and hold splints upon fractured limbs; wind around the injured part from below upward.

No 3. Six packages of Borated Gauze, a prepared dressing for open wounds, always used to cover large wounds; apply wet (by dipping in solution, see No. 7) directly to the wound.

No. 4. Four packages Absorbent Cotton. This is for making compresses, and to assist in covering a large wound; Do not apply directly to the wound.

No. 5. One ounce Styptic Cotton. This Cotton is permeated with a substance which stops small hemorrhages: apply directly to small wounds and hold in place with muslin bandage,

No. 6. Two ounces Bicarbonate Soda, for burns and scalds, one tablespoonful to a onert of water; saturate a piece of the gauze and apply over a burn or scald, and fasten with bandage.

No. 7. One bottle Corrosive Sub. Tablets. These small tablets are to be dissolved in clean water, preferably warm, in the proportion of one tablet to a pint of water; with this solution you disinfect a wound and keep it free from infection. THEY ARE POISONOUS if swallowed or the solution be drunk.

No. 8. Four Surgical Needles, to be used for closing small cuts or jagged wounds, after thoroughly cleansing with the sublimate solution.

No. 9. One Pair Scissors, used in cutting dressings, bandages, clothing, etc.

No. 10. One Pair Forceps, used for removing bits of gravel, and to seize a bleeding artery while it is being tied.

No. 11. One Dozen Envelopes Catgut (two sizes), to be used in tying an artery when it is seen free and bleeding in a wound, also for closing small wounds. Never Save any Catgut once the envelope is open. Note directions on envelopes.

No 12. One Roll Adhesive Plaster, for closing small torn or cut wounds, after they are cleansed with the sublimate solution. It needs no heat; apply directly to the skin, which must be perfectly dry.

No. 13. One Cake Red Cross Soap, used in cleansing an injured part around a wound.

No. 14. One Can Chloroform, for anæsthesia.

No. 15. One Ounce Autifebrine, an antiseptic powder for dusting on fresh wounds.

No. 16. One Hand Brush, for brushing the hands and nails thoroughly with the Red Cross Soap before handling an onen wound.

No. 17. One Enamel Tray, for corrosive sublimate solution (see No. 7).

No. 18. One Yard Wire Gauze, for making splints (see directions under fractures, No. 5).

No. 19. One Dozen Safety Pins.

No. 20. One Pyramid of Pins.

#### RULES FOR TREATMENT OF THE INJURED IMMEDIATELY AFTER AN ACCIDENT.

r. Shock. This condition usually follows every severe injury. The chief point is to restore heat to the body as soon as the injured person is put in a comfortable position. Do this by covering with heavy coats, previously warmed, if practicable. Cut off the shoes or boots and wrap the feet in a warmed coat or blanket. Give only small dose of whiskey in hot water.

2. Hemorrhage (Bleeding). This follows shock, and is rarely severe until reaction takes place. Too much stimulation increases hemorrhage and for this reason it is best to give only a little stimulant, well warmed, and repeat the dose if reaction is delayed.

Bleeding of two kinds: First, arterial, when the blood comes out bright and red and in spurts. Second, venous, when the blood is dark and flows in an even stream.

A. To stop hemorrhage when the wound is large and the blood comes out in spurts. Apply the rubber band tightly just above the wound, previously raising the wounded part, especially if it be a limb. Be careful to put the band on UNINJURED FLESH if the limb be badly crushed and about three inches above the crushed tissues, else it would slip down and increase the hemorrhage. Be very careful to see that the band be firmly fixed before leaving it. Small wounds, even though the hemorrhage be arterial, require only a firm compress of the sublimated gauze placed immediately over the wound and bandaged tightly in place with one of the musliu bandages. It is best after this to bandage firmly from the extremity (hand or foot) upward to beyond the wound with musliu bandages.

B. Venous bleeding, which occurs when the wound is shallow (does not go deeper than the skin), as a rule requires firm pressure over the wound and especially below it. If the wound be quite small, put a wad of styptic cotton into and over it and bandage tightly in place, and then apply a bandage from below upwards over and beyond the wound. If the wound be extensive, fill it full of sublimated gauze and then put a thick wad of absorbent cotton over it and bandage tightly from below upward.

C. Bleeding from the head, if only the scalp is involved, may be controlled by bringing the wounded or torn surfaces together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together and applying along the wound a thick layer of styptic cotton, and over this another layer of absorbent cotton and together another layer of absorbent cotton and the styptic cott

3. Remove the clothing from the wounded part by cutting it away. Do not attempt to tear or draw clothing off, as this may further injure the wounded part. Always see the wound and know by your eye just what the nature of it is,

4. After Hemorrhage has been stopped. The next point is to prevent the wound from being infected and thus prevent blood poisoning. To accomplish this the wound should be cleaned if badly soiled. If soiled by oil and soot or dirt, bathe it gently with a small quantity of antiseptic soap and warm water. After it is apparently clean, wash it out carefully bathe it gently with a small quantity of antiseptic soap and warm water. After it is apparently clean, wash it out carefully with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water in which one of the corrosive sublimate tablets has been disolved, using a piece of gauze to do with a pint of warm water.

wet in the solution of corrosive sublimate (one tablet to a pint of water) before transporting the wounded man. Never allow an open wound to remain unprotected longer than the time employed in stopping hemorrhage. Remember a solled covering is worse than none at all, however.

5. Fractures. If a bone be broken in any of the limbs the member should be firmly fixed before the injured individual be moved. If this be not done, great injury may result by the movements of the sharp fragments of the bone while the individual is being transported. Use flat piece of wire gauze, broken or cut into strips long enough to reach beyond the two nearest joints, will do. A bundle of twigs or stout straws may also serve when nothing else is to be had. Always put one of the improvised splints on either side of the limb, then tie a bandage over the splints at either extremity and in the middle. If there be a wound treat it according to the foregoing rules and then apply the splints, using some clean gauze as padding or some strips torn from clothing. If there be no wound, apply the splints over the trousers or sleeve. If nothing of any kind can be obtained to make a splint, tie the fractured leg or thigh to the sound one, or the fractured arm firmly to the side of of the body, by a muslin bandage.

6. Compound fractures are fractures accompanied by a wound of the soft tissues at the point of fracture, so that the bone is exposed to the air. In these cases treat hemorrhage and the wound according to the foregoing rules and then apply splints. If the bones project beyond the skin, remember to bring them back into place by pulling the extremity in the direction of the displacement, never in the direction the bone normally should be, until the ends of the fragments are quite free from any over-riding. Be very careful always to cover these WOUNDS with the wet sublimate GAUZE and bandage it on.

7. Burns. Carefully remove the clothing by cutting it off, if the part be clothed, and apply immediately three or four thicknesses of the borated gauze wet in warm water, in which one tablespoonful of the bicarbonate of soda to the quart has been dissolved. As a rule never attempt to clean burns immediately after they occur. Cover the wounded part immediately as directed above and leave the cleansing to the surgeon afterward.

Extensive burns are attended by great shock as a rule, and require free stimulation. As burns are very rarely followed by hemorrhage, stimulants may be and should be given in considerable quantities.

8. Prostration from Excessive Heat. In these cases (not sunstroke) the face is pale, lips colorless or blue, breathing slow and quiet, pulse slow and very weak. Place the patient on his back, with his head level with his body, and loosen clothing. Apply heat to the surface of the body and extremities. Bathe the face with warm water into which a little alcohol or whiskey has been poured, and if he can swallow, give the patient an ounce of whiskey in as much warm water.

B. Prostration from Drinking too much Ice Water when Overheated. The face is red or even purple, the breathing heavy and irregular, pulse irregular. Loosen clothing, place on back with head slightly elevated. Give hot drinks, apply heat to the spine and the extremities.

9. Position in which a Patient should be Placed after Injury. Injuries to the head require that the head be raised higher than the level of the body. In all cases, if practical, lay the patient on his back with the limbs stretched out in their natural positions; loosen the collar and waistbands, and unless the head be injured, remember to have the head on the same level as the body. Do not bolster it up with anything.

#### INSTRUCTION FOR STRETCHERS.

The equipment includes-

I Stretcher, I Pair of Blankets,

1 Pillow.

I Pillow Case,

I Pillow Case, I Rubber Pillow Case,

i Water-proof Cover.
I Pair Wall Brackets.

I Pair Wall Brackets.

The bedding and side pieces are to be kept strapped on the stretcher, and the latter placed on the wall bracket.

When about to use the stretcher, unbuckle the straps from the side pieces which hold down the bedding, and buckle them tightly underneath, to guard against the breaking of a spring; place the side pieces properly on the sides, place the rubber cover over the stretcher for protection against blood and discharges. The blanket is to be used double, as a cover for the patient.

Whenever necessary to do so, the patient may be lifted on the inner portion of the stretcher, resting on the springs, without lifting the whole stretcher. In cramped positions, and for purposes of examination, this will be found convenient.

When storing the stretcher away, fold the blanket and pillow neatly into a narrow, even and compact parcel, and envelop this in the rubber cover, folding in the ends first. Place this on the stretcher with the side pieces on top, to assist in holding it in position, then pass the straps through the keepers on the side pieces, and fasten all snugly in place. This will protect the bedding, if properly done, from moths and wet. The whole stretcher should then be placed on the brackets.

The blanket should be taken out occasionally and shaken, to prevent damage from moths, as well as to keep it cleanly at all times. Replace at once, so that the stretcher is ready for immediate use whenever required.

The stretcher and bedding must not be used for any other purpose than in transporting injured persons.

Agents will be personally responsible for the care of property, and will be particular to take proper receipts whenever it is allowed to go out of his possession, and will notify his Division Superintendent when sent out and by whom.

Stations where stretchers are kept are as follows:

Leavenworth. Glasgow, St. Paul Frt. Office, Sioux Falls. Everett. Havre, St. Paul Shops. Sioux City, Great Falls Shops, Carman. Minneapolis Jct., Breckenridge, Cass Lake, Cut Bank. Hamline Transfer, Grand Forks West Superior. Whitefish, St. Cloud Shops, Larimore. Sandstone, Libby, Devils Lake. Melrose. Swan River. Hillyard Shops, Barnesville, Minot. Williston, Willmar.

#### COMPANY SURGEONS

St. Paul J. W. CHAMBERLIN, Opthalmic Surgeon	St. Paul J. A. QUINN, Chief Surgeon
Whitefish H. E. HOUSTON	Kalispell