

WATROUS SUBDIVISION

1 SIDING CONTROL TERRITORY**2 RTC II ADVANCED TRAIN CONTROL FEATURES****3 MELVILLE**

(a) Melville Yard Traffic Control Operating Manual in effect.

(b) **Rule 112(ii)** - Tracks MA01 to MA10 and MR01 to MR07, the minimum handbrake chart must be applied to a maximum of 3 handbrakes.

Tracks MR10, MR11 and MR12, the minimum handbrake chart must be applied to a maximum of 5 handbrakes.

(c) **Yard Traffic Control (YTC)**

Limits Mile 279.2 Rivers Sub to Mile 1.1 Watrous Sub . Prior to fouling Track MX 01 (east yard lead) and/or west lead, all movements must contact the East Yard Crew on CH 6, or be relieved of that requirement by the Melville Traffic Coordinator.

Westward trains at Waldron Mile 266.4 Rivers sub and eastward trains at Goodeve Mile 18.8 Watrous sub must contact Melville Yard Coordinator on CH 3 for yarding instructions.

Exception: Crews arriving and departing Tracks MT01, MT02 and MT03 need not communicate with the yard crew.

(d) **Point Protection Zone (PPZ) -**

Limits between the West Switch MR-19 and mile 1.0 Quappelle Sub. Usable length of the PPZ to the Quappelle Sub, from the west switch of MT-04, is 2800 ft.

PPZ sign white with black PPZ letters.

All movements requiring entry into the PPZ, including track units, **MUST NOT PASS** the PPZ sign until instructions have been obtained from the Melville Yardmaster.

Note 1: When a movement clears such zone, permission must again be requested before occupying the zone.

Note 2: Engineering employees must obtain permission before occupying the track, or undertaking any track work within this zone.

After receiving permission to enter and/or occupy the PPZ crew members are relieved of the requirements of CROR 40.1, 105, 105(a), 115(a) and 115(c), provided that the following conditions have been met:

- 1) The movement has properly entered the Point Protection Zone,
- 2) use of the Protection Zone has not been given to another movement, or employee, and
- 3) the length of the equipment being handled does not exceed the overall length of the Point Protection Zone.

- 4) When the movement is required to pull more

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than 2800 ft. west by MT04 switch into the PPZ, a crew member must be positioned on the lead locomotive in order to properly protect the public crossings at grade mile 0.55 and mile 0.71 Quappelle Sub.

More than one movement may be given permission to occupy the PPZ limits provided each movement is advised accordingly. Under these conditions relief of CROR Rule 105 and 115 are not provided.

- (e) **Speed** 10 mph on all yard tracks except Tracks MT01 to MT05.

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Rule 112 (ii) : Tracks WT01 to WT10, the minimum handbrake chart must be applied to a maximum of 3 handbrakes.

5 SASKATOON

- (a) **Switching Signals:** 1935D and 1938D
- (b) Reference Saskatoon Terminal Manual and Saskatoon Terminal and Industrial Switching footnotes for remainder of instructions.

6 BIGGAR

- (a) **Biggar** - Siding Control Territory - not applicable on siding Biggar.
- (b) **Rule 105(a)** - Applicable.
- (c) **Rule 40.1** - RTC permission required.
- (d) Trains approaching must notify outgoing crews of arrival times on Channel 4.

7 APPLICABLE ON SUBDIVISION

- (a) Transport Canada Rule 103 (c) exemption applicable at the following public crossings at grade. For operations consisting of train meets and overtakes at these crossings (in sidings and multi-track, where applicable) blockage of the crossing is permissible for up to one hour. After this, provisions of CROR Rule 103 (c) will apply. When going into these sidings or occupying multi-track for a meet and/or overtake, crew must contact RTC to determine how long they will be in the siding or on the multi-track. RTC must be notified prior to crossing being cut. Crossing must be cut in the event of emergency vehicle(s) requiring passage.

Mile 82.39 Siding Raymore

Mile 123.44 on Multi-Track

Mile 124.61 on Multi-Track

Mile 216.85 Siding Juniata

- (b) **Rule 103.1 (c)** - Not Applicable on Sidings: Goodeve, Raymore, Allan, Riverview, Juniata and Leney.
- (c) **Mile 178.5 - Local Control Dual Control Switch** Located Cargill West SSI 2.10 applicable.
- (d) **Mile 194.4 - Farley** - East end of siding equipped with Exception Derail.

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- (e) **Mile 189.7 - Bridge:** Air brake applications must not be on bridge made except in case of emergency. Trains handling 24 foot ore cars must not exceed 10 mph while cars are on bridge.
- (f) **Mile 189.7 - Bridge -** Avoid heavy brake applications on or within 500 feet bridge .

8 SIGNAL STATUS REQUEST

- (a) **Mile 159.31** - Allan Siding.
CH 1.
Signal 1586 DTMF 10#58031
Signal 1586D DTMF 10#58032
- (b) **Mile 188.36** - Riverview
CH 1.
Signal 1893 DTMF 10#18931
Signal 1893D DTMF 10#18932

9 RAILWAY CROSSINGS AT GRADE

- (a) **Mile 106.5** - (CPR Lanigan Sub.) Remotely Controlled by RTC Edmonton. Rule 610 applicable. Rule 839 (a) and (b) not applicable. Foremen MUST ALWAYS be authorized by the signalman.
- (b) **Mile 197.6** - (CP Rail Duval Sub.) Remotely Controlled by RTC Edmonton. Rule 610 applicable. Rule 839 (a) and (b) not applicable. Foremen MUST ALWAYS be authorized by the signalman.
- (c) **Mile 204.9** - (CPR Cominco Sub.) Remotely Controlled by RTC Edmonton. Rule 610 applicable. Rule 839 (a) and (b) not applicable. Foremen MUST ALWAYS be authorized by the signalman.

10 SPECIAL DANGEROUS COMMODITIES

- (a) Do not exceed 35 mph between Mile 188.0 and Mile 189.0.
- (b) Eastward movements must be inspected at Mile 201.9 and westward movements must be inspected at Mile 178.3.

11 SPEEDS

- (a) **TOB** - tons per operative brake will be indicated on WOPRT or train journal.
- (b) **Zones speed signs** will indicate speeds for passenger and unrestricted freight trains only.
- (c) * When a speed is indicated for a signal location, it is applicable approaching that signal until it can be determined that such signal is displaying a more favorable indication than CLEAR TO STOP.

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Westward					
Mile		Frts under 80 TOB	Frts 80 TOB or more	Frts 100 TOB & 8000 ft or longer	Psgs
1.1 - 122.0	Zone	65	65	65	80
1.1 - 1.4	PSO				70
44.34	(Crossing) 60 MPH APPROACHING WITHIN 900 FT UNTIL FULLY OCCUPIED				
47.36	(Crossing) 60 MPH APPROACHING WITHIN 2700 FT UNTIL FULLY OCCUPIED				
50.2	SIGNAL 501			55*	
51.7	(Crossing) PSGR 65 MPH APPROACHING WITHIN 2900 FT UNTIL FULLY OCCUPIED				
55.3 - 55.6	PSO	55	55	55	65
66.8 - 72.8	PSO	50	50	50	60
85.0 - 91.7	PSO	50	50	50	55
93.85	(Crossing) PSGR 65 MPH APPROACHING WITHIN 2900 FT UNTIL FULLY OCCUPIED				
106.5	INTERLOCKING 30 MPH OVER CROSSING				
122.0 - 186.0	Zone	60	60	60	80
127.7 - 127.8	PSO				60
149.6	SIGNAL 1495			50*	
184.1	SIGNAL 1841		55*	50*	
186.0 - 188.0	Zone	60	60	60	60
188.0 - 189.0	Zone	50	50	50	50
189.0 - 194.0	Zone	30	30	30	30
194.0 - 200.0	Zone	60	60	60	65
106.5	INTERLOCKING 30 MPH OVER CROSSING				
200.0 - 235.5	Zone	60	60	60	80
204.9	INTERLOCKING 40 MPH OVER CROSSING				
210.0 - 211.7	PSO	50	50	50	55
235.5 - 247.3	Zone	50	50	50	50

Eastward					
Mile		Frts under 80 TOB	Frts 80 TOB or more	Frts 100 TOB & 8000 ft or longer	Psgs
247.3 - 235.5	Zone	50	50	50	50
235.5 - 200.0	Zone	60	60	60	80
211.7 - 210.0	PSO	50	50	50	55
204.9	INTERLOCKING 40 MPH OVER CROSSING				
200.0 - 194.0	Zone	60	60	60	65
106.5	INTERLOCKING 30 MPH OVER CROSSING				
194.0 - 189.0	Zone	30	30	30	30
189.0 - 194.0	Zone	30	30	30	30
188.0 - 189.0	Zone	50	50	50	50
186.0 - 188.0	Zone	60	60	60	60
137.9	SIGNAL 1378			50*	
127.8 - 127.7	PSO				60
122.0 - 1.1	Zone	65	65	65	80
116.6	SIGNAL 1166			50*	
106.5	INTERLOCKING 30 MPH OVER CROSSING				
91.7 - 85.0	PSO	50	50	50	55
93.85	(Crossing) PSGR 65 MPH APPROACHING WITHIN 2900 FT UNTIL FULLY OCCUPIED				
83.45	(Crossing) PSGR 65 MPH APPROACHING WITHIN 2900 FT UNTIL FULLY OCCUPIED				
72.8 - 66.8	PSO	50	50	50	60
55.6 - 55.3	PSO	55	55	55	65
51.7	(Crossing) PSGR 65 MPH APPROACHING WITHIN 2900 FT UNTIL FULLY OCCUPIED				
47.36	(Crossing) 60 MPH APPROACHING WITHIN 2700 FT UNTIL FULLY OCCUPIED				
5.7	SIGNAL 56			55*	
1.1 - 1.4	PSO				70

(a) **Speeds on Sidings**

Fenwood	Goodeve	Hubbard	Jasmin
Touchwood	Raymore	McGregor	Young
Clavet	Allan	Hawoods	Juniata
Lenney	Neola		
Speed 25 mph			
Riverview			
Speed 30 mph			

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12 PUBLIC CROSSINGS AT GRADE

- (a) **Mile 41.79** - (Crossing) Eastward 35 mph until fully occupied unless siding is seen or known to be clear of equipment between the crossing and the whistle sign.
- (b) **Mile 52.21** - (Crossing) Eastward 40 mph until fully occupied unless siding is seen or known to be clear of equipment between the crossing and the whistle sign.
- (c) **Mile 78.25** (Crossing) - Westward movements proceeding at less than 30 mph within 4000 ft. of crossing 30 mph until fully occupied.
Eastward stopping at signal 780
- (d) **Mile 97.81** - (Crossing) Westward 50 mph until fully occupied unless siding is seen or known to be clear of equipment between the crossing and the whistle sign.
- (e) **Mile 106.0** (Crossing) - Eastward movements from interlocking Mile 106.5 must not exceed 30 mph until fully occupied. Westward 40 mph until fully occupied.
- (f) **Mile 127.9** (Crossing) - Eastward movements from south lead Track 1 - 5 mph until fully occupied.
- (g) **Mile 129.66** - (Crossing) - Westward trains proceeding after a stop at either signal 1293 or 1293D 25 mph until fully occupied. Westward train routed from west end of siding and passing signal 1293D 25 mph until fully occupied.
- (h) **Rule 103.1 (e)** - to prevent unnecessary operation of AWD, stop must be made as follows:
- | Mile | Stop | Affects |
|--------|------------------------|----------|
| 52.17 | Stop signs WS20 | All |
| 72.65 | Stop signs WS23 | Westward |
| 78.25 | Stop signs 300 ft | Eastward |
| 159.31 | Stop signs WS68 | All |
| 218.01 | Circuit sign 190 ft. E | Westward |
| 239.61 | Circuit sign 300 ft. W | Eastward |
- (i) **Rule 103.1 (d)** Applicable to following crossings equipped with push buttons:
Mile 142.7

13 SPECIAL INSTRUCTIONS APPLICABLE ON SPURS AND OTHER TRACKS

- (a) **Mile 123.9 - P.C.S. Lanigan Spur WS 48-49.**
Extends 16.7 miles north from tail of wye.
TGBO - Applicable entire spur
Mile 0.0 to Mile 1.0
Rule 105 and Rule 105(a) - Applicable
Mile 1.0 to Mile 15
OCS Rules 301-311 Applicable
Rule 105 and Rule 105 (a) and Rule 40.1 - Not applicable
Speed - 35 mph.
Mile 15 to Mile 16.7
Rule 105 - Applicable

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Rule 105(a) not applicable on mine tracks.

Rule 112 - At Lanigan Mine, crews spotting empties from the north end into the load out are to ensure handbrakes are applied on the north end of cut of cars.

Lanigan Mine Operating Procedures

Crews operating at Lanigan Mine must be in possession of "Lanigan Mine Operating Procedures" handout, which is available at Melville Station, Watrous Bunkhouse, or Lanigan Mine Load Out.

Radio Instructions

RTC DTMF Code *5027# - Emergency calls *0#

- (b) **Mile 129.0 - Imperial Spur - Watrous Yard** extends 8.8 miles south from wye switch WT09.

Mile 5.46 - Exception derail.

Rule 105 (a) - Applicable.

Equipment Restrictions - Trains handling cars in excess of 268,000 lbs - 10 mph.

- (c) **Mile 143.5 Norco Spur WS 99 (Central Canada Potash)** extends 10.6 miles north.

Mile 0.0 to Mile 9.0

TGBO - Applicable - **Rule 40.1** - Not applicable

Mile 0.0 to Mile 10.6.

Rule 105(a) - Applicable

Rule 105(a) - Not applicable on mine tracks.

Equipment Restrictions - Account restricted clearance on the Kalium Salt Track at Norco Mine, locomotives and cabooses must not foul the salt loading system. Any lifting or spotting must be done with reachers. Clearance on this track is sufficient for regular hoppers. Account curvature, units must not operate on concentrator track at Norco Mine. Movements must use reachers to shove cars in the clear on this track and mine trackmobile will spot them. Empty cars must not be used as reachers.

Speed - 25 mph.

- (d) **Mile 160.1 - P.C.S. Allan Mines WS 71** - Extends 1.3 miles north.

Rule 105(a) - Applicable.

Rule 105(a) - Not applicable on mine tracks.

Mile 0.3 (Crossing) 10 mph within 400 ft. until fully occupied.

Hard hat required when outside the locomotive on mine property.

- (e) **Mile 170.2 Agrium Spur - WS82**

Speed 3 mph through unloading shed.

- (f) **Mile 178.5 Cargill Spur WS93** - Extends 3.2 miles. Points face west.

Track WS93 - Exception derail on Cargill Canola Plant lead, .

Rule 105(a) - Applicable.

Local Control Dual Control Switch. - Push-button for westward movements located on east side

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crossing Mile 0.37 Cargill Spur. Instructions for operation posted.

Mile 0.37 (Crossing) AWD. Cargill Spur. Stop signs for westward movements located east of crossing. Warning devices will activate 10 seconds after reverse light for Local Control Dual Control Switch Mile 178.5 illuminates. Movements must ensure warning devices are in operation for at least 20 seconds prior to occupying crossing.

Restricted clearances in Loading Shed Tracks WS 94, WS 95 and WS 96,

Speed through unloading shed 3 mph.

- (g) **Mile 196.4 - P.C.S. Cory Spur SJ 01** - Extends south of track. Points face east.

Hard hat required when outside the locomotive on mine property.

- (h) **Mile 204.6 CPR Cominco Spur** - Extends 6500 ft. south to connection with CPR at MP 3.14 Cominco Spur and runs to end of track at MP 11.9 end of track. Points face east.

Crews operating on CPR Cominco Spur must be in possession of the current, in effect, CP Time Table and CP Daily Operating Bulletin (DOB) for CPR Sutherland Terminal/Cominco Spur. CN crew members expected to operate on CPR Cominco Spur shall obtain the CP DOB and a carrying case which contains the CP Rail Operating Manual and Time Table from Yardmaster at Chappell. On completion of duty the crew must return the carrying case to the Yardmaster.

Mile 11.82 Vanscoy Distribution Terminal Engines must not pass the restricted clearance signs on anhydrous ammonia unloading tracks. Employees must not ride on sides of cars while operating on these tracks. At Agrium Mine, cars for concentrator must not be pushed beyond clearance point on track 9. At Agrium Mine, cars containing, or cars which last contained, anhydrous ammonia must not be moved on Track 5, located between the load out and storage building. Hard hat required when outside the locomotive on VDT property.

Specific Restrictions - Sunflower seeds are prohibited at Agrium site.

Speeds -

Mile 204.6 Watrous Sub southward 6500 ft. 15 mph.

Mile 2.6 CP Cominco Spur to end of track 25 mph.

Cominco Spur Mile 9.0 to Mile 11.0 Speed - 10 mph.

Switches - All turnouts 15 mph.

- (i) **Mile 246.4** - Prairie Malt Ltd. BG 28 - Capacity 2760 feet. Switch points face east.

Locomotives must not move onto or over the track scale.