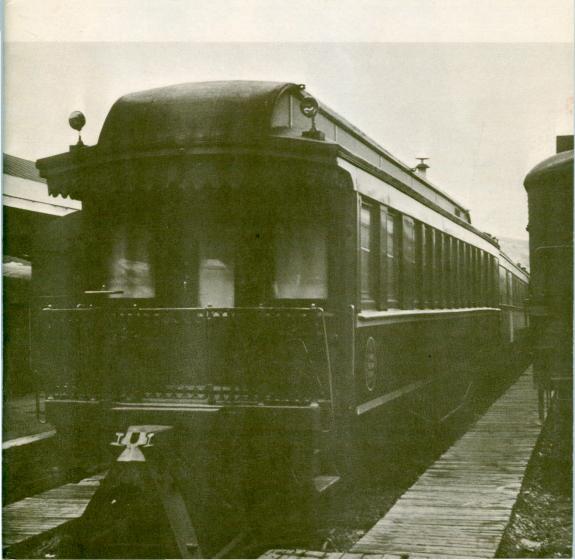




NO. 214

OCTOBER 1969

NEWFOUNDLAND ISSUE



THE UNUSUAL RAILWAY THAT DOES

S.S.WORTHEN.

(The following article was written prior to the discontinuance of passenger train service in Newfoundland in July,1969.)

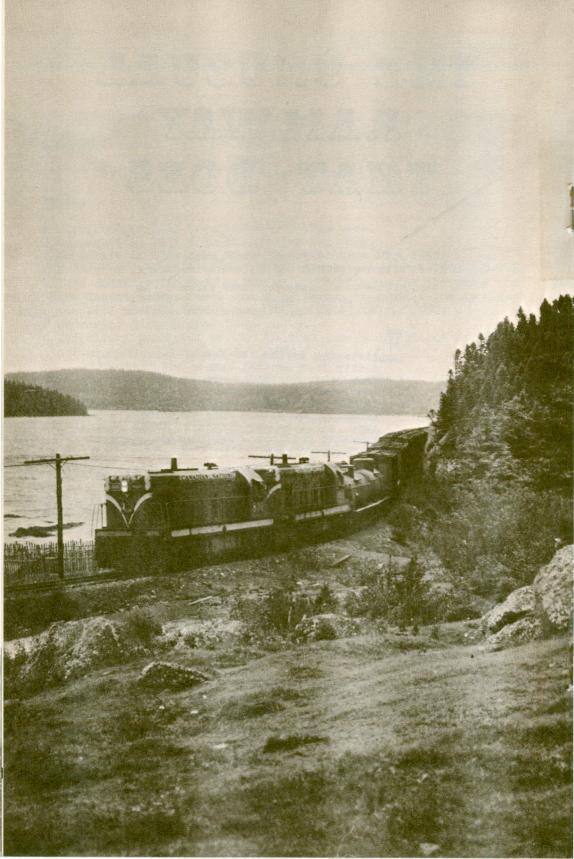
istening to the stories of travellers, mostly from central Canada but frequently
from other locations, it is all too often
concluded that the train services to and
in Canada's Maritime Provinces are, in
general, terrible. More than that, - the
same services in Canada's tenth - and
youngest province - Newfoundland, are infinitely worse!

This primitive and unsatisfactory situation is usually said to be due to (a) the equipment, (b) the indifference of the authorities and last, but not least, (c) the railway itself and its proportions. And of course all of these self-styled transportation experts assume from the outset that because Newfoundland's railways are only three feet and a half between the rails - as contrasted with a "nor-mal" (conventional) socially-acceptable separation of 4 feet 8½ inches, anything less than this latter distance is antique and outmoded and can only result in a predictably primitive "second-class" sort of service.

Certainly, these self-styled experts ought to verify their facts before making any purportedly authoritative statements on the subject, - but they seldom do. Current schedules published in the public time-tables raise some very particular questions, which can be answered by observation of Newfoundland's railway, - its principal main-line railway, that is. The observations and the conclusions drawn therefrom are supported by the following table of maximum speeds published in the operating time-table "for the information and government of employees only":

MAXIMUM SPEEDS

Mileage	Passenger	Freight & Mixed
0.0 to 10.6 10.6 to 15.5 15.5 to 31.0 31.0 to 33.0	35 m.p.h. 30 35 20	35 m.p.h. 30 35 20



33.0 to 55.0 55.0 to 61.5 61.5 to 83.0 83.0 to 98.0 98.0 to 100.6 100.6 to 126.0 126.0 to 131.1 30	5050550 343333333
--	----------------------

The foregoing tabulation applies to the first 131.1 miles of the once Newfoundland Railway, - presently the Newfoundland Area of the Atlantic Region of Canadian National Railways, from St. John's to Clarenville.

Summarized in another manner the 547.8 miles of main line from St. John's, - the Provincial capital, to Port aux Basques, - western ferry terminal and jumping-off point for North Sydney on Cape Breton Island and thence to the mainland, may be divided as follows according to permitted maximum speeds for passenger trains:

Miles run at indicated m.p.h.

Subdivision	5	10	15	20	25	30	35	40	50
St. John's Clarenville Bishop's Falls O Port aux Basques	0020	0.5	0.8	2.0 0 0.3 0.1	0 0.1 6.2	25.0 11.0 36.5 31.7	73.5 49.4 68.0 45.8	24.1 62.7 21.5 27.2	6.5 131.1 13.1 136.2 12.6 138.0 30.4 142.5

The natural question arising from this tabular presentation is "What in the world is the reason for all these slow speeds?" The answer is not a simple one and there are many reasons for the situation all of which are valid. Let us take a few "for instances." On Newfoundland's main-line railway the observer will note stretches of track where he cannot see for much more than 500 feet ahead. He will watch the track dive down a 2% plus-grade, through a narrow rock-cut and around a towering cliff on an incredibly tight curvesome fifty to one hundred feet above an arm of the ocean or a vast highland lake. Elsewhere the observer will ride over a causeway, just about the width of the track, with the water almost at rail level at flood-tide or in the spring of the year. Midway in this causeway is a combination wood-steel draw-bridge, - a remarkable mechanism resembling the draw-bridge of a castle moat of the Middle Ages.

These are two of the reasons why, on the Bishop's Falls Subdivision, - which incidentally may be said to be the "driest" of the four subdivisions from St. John's to Port Aux Basques there are only 12.6 miles where Nos. 101 and 102, - the "Caribou" to some and the "Newfie Bullet" to others, can run at the top speed of 50 miles per hour.



Mixed Train M—206 of CN's Newfoundland Area operation, with engines nos. 800 & 801, rumbles along the edge of Goose Bay, on the branch between Clarenville and Bonavista, October 8, 1968.

Photo by W.R.Linley, Ottawa, Ont.

When you ride the Newfoundland Area of Canadian National Railways, - and you'd better plan to do it soon, all of these apparently ridiculous speed restrictions will become very logical requirements. There's no doubt about it, - you just have to see the operation to believe it, and to understand it. There have been a multitude of descriptions of the line both historic and contemporary but it is quite certain that the personal experience of riding the railways of Newfoundland will prove conclusively the impossibility of composing an adequate description, in writing, of this unique railway.

But we have digressed. The purpose of this report was to show why it takes, (in the Autumn of 1968), 21 hours and 35 minutes for the eastward trip, - St. John's to Port aux Basques. As an aside, the westward trip requires 22 hours, providing that No. 102 keeps to the schedule, and there are no unusual happenings. Let us then examine the run of No.101 on a Friday night and all day Saturday in the month of October, 1968, with reference to the number and variety of train orders issued by the St. John's and Bishop's Falls dispatchers. The capital letters indicate the operating point on the line, and the orders are numbered and reproduced without change:

ST. JOHN'S

Orders 40 - 46 - 570 - 580

Train Order No. 40

Oct. 18, 1968

To Trains 101 & 203 at St. John's.

No. 203 Eng. 919 run ahead of No. 101 Eng. 923 from St. John's until overtaken

GMD

Complete 1911

Train Order No. 46

Oct. 18, 1968

To No. 101 Westward Trains at St. John's

Westward trains except No. 101 Eng. 923 wait at St. John's until nought Six hundred 0600.

GMD

Complete 2149

Train Order. No. 570

Oct. 16, 1968

To Westward Trains at St. John's

Do not exceed fifteen 15 miles per hour within five hundred 500 feet of road crossing until crossing occupied at mileage one thirty point nine 130.9

FGD

Complete 0115







Train Order No. 580

Oct. 18, 1968

To Westward Trains at St. John's

Cars on following Passing tracks St. John's sub Irvine Four 4 Talcville Five 5 Kelligrews Three 3 Whitbourne Four 4

FGD

Complete 0121

GMD is Mr. G. M. Delaney, Dispatcher at St. John's, who was on the evening trick. FGD is Mr. F. G. Doyle, Relief Dispatcher at St. John's who had the midnight to 0800 shift on Friday morning.

Train 101, westbound, left St. John's Friday night at about 2238, with the following consist:

> Engine 923 Class GR 12 GMD 1200 h.p. Engine 903 Class GR 12 GMD 1200 h.p. Train Heating Car 2956 Baggage Car 1306 Cafe Car 176 Coach 769 Coach 767 Coach 772 Coach 771 Dining Car 172 Sleeping Car PRINCETON no. 1010 Sleeping Car CLARENVILLE no. 1011 Sleeping car WHITBOURNE no. 1 Sleeping Car BURGEO no. 1016 Sleeper-Observation Crew Car FOGO

WHITBOURNE Orders 1 - 52

Train Order No. 1

Oct. 19, 1968

To No. 101 at Whitbourne No. 102 Eng. 929 meet No. 101 Eng. 923 at Goobies

R.A.B. Complete 0127

Train Order No. 52

Oct. 18, 1968

To No. 203 No. 101 at Whitbourne

> No. 204 Eng. 913 meet No. 203 Eng. 919 at Ferguson instead of Tickle Harbour and meet No. 101 Eng. 923 at Camp 4

G.M.D. Complete 2327

Train Order No. 1

Oct. 19, 1968

To Opr.

at Goobies

No. 102 Eng. 929 meet No. 101 Eng. 923 at Goobies

R.A.B. Complete 0126

CLARENVILLE

Orders 6 - 7 - 9 - 562 - 572 - 582

Train Order No. 6

Oct. 19, 1968

To No. 203

at Clarenville

No. 101

No. 400 Eng. 918 meet No. 203 Eng. 919 at Terra Nova and meet No. 101 Eng. 923 at Clode

RAB

Complete 0342

Train Order No. 7

Oct. 19, 1968

To No. 203

No. 101

at Clarenville

No. 203 Eng. 919 Run ahead of No. 101 Eng. 923 from Clarenville until overtaken unless overtaken at Clarenville

RAB

Complete 0346

Train Order No. 9

Oct. 19, 1968

To No. 101

Westward Trains except Bonavista Sub

at Clarenville

Westward trains except No. 101 Eng. 923 wait at Clarenville until nought Eight hundred 0800.

RAB

Complete 0455

Train Order No. 562

Oct. 14, 1968

To Westward Trains

Except Bonavista Sub at Clarenville

Do not exceed Thirty 30 Miles per hour on Bridge mileage one forty eight point eight 148.8 Ten 10 Miles per on Bridge Mileage one sixty four point eight 164.8 and fifteen 15 miles per hour on Bridge mileage one eighty nine point nine 189.9.

FGD

Complete 0149

Train Order No. 572

Oct. 16, 1968

To Westward Trains

at Clarenville

Eastward Trains

Bonavista

Do Not Exceed fifteen 15 Miles per hour within six hundred 600 feet of road crossing until crossing is occupied at mileage one thirty one point five 131.5

FGD

Complete 0120

Train Order No. 582

Oct. 18, 1968

To Westward trains

at Clarenville

Cars on following passing tracks Clarenville

Sub Stanley Twenty five 25 Glenwood five 5

FGD Complete 0128

RAB is Mr. R.A. Bartlett, Dispatcher at Bishop's Falls. No. 101 was due to leave Clarenville at 0445. Since order 9 was complete at 0455, it is concluded that No. 101 was somewhat late in leaving. Order 572 covered a highway crossing about half a mile north of Clarenville. Order 562 referred to the bridge over Southwest Brook, a good sized stream, in the first instance, and in the second to the crossing of the Terra Nova River, near Terra Nova station, mileage 164.6.

GAMBO

No orders OK at 0719

RAB

GANDER

No orders OK at 0726

RAB

BISHOPS FALLS

Orders 150 - 166 - 351 - 377 - 392 - 398

Train Order No. 150

Oct. 19, 1968

To Westward Trains

at Bishops Falls

Men working nought Seven Hundred 0700 until Eighteen Hundred 1800 between mileage Three nine Five 395 and mileage Three nine Six 396 All Trains be prepared to Stop at the red Signal.

R.A.B. Complete 0112

Train Order No. 166

Oct. 19, 1968

To No. 101

at Bishops Falls

No. 101 Eng. 923 meet No. 204 Eng. 933 at Millertown Jct.

GMD

Complete 0852

Train Order No. 351

Oct. 5, 1968

To Westward trains

at Bishops Falls





The brakeman is ready to couple up the engines and the heater car to the remainder of Train 102,at Port aux Basques,Nfld.,October 6,1968. Train 102 eastbound was hauled by Engines 946 & 931,with heater car 2951. Photo by W.R.Linley,Ottawa,Ont.

West End of passing track at South Brook Closed.

GMD Complete 0949

Train Order No. 377

Oct. 12, 1968

To Westward Trains

at Bishops Falls

Do not exceed Five 5 miles per hour within Five nought nought 500 feet of Road Crossing until crossing occupied at mileage Two Six Seven point Five 267.5

J.F.R. Complete 2232

Train Order No. 392

Oct. 16, 1968

To Westward trains

at Bishops Falls

Cars on following passing track Bishops Falls sub

South Brook Nineteen 19 Russell Twenty three 23

RAIL

Train Order No. 398

Oct. 18, 1968

To Westward trains

at Bishops Falls

Do not exceed twenty five 25 Miles per hour between Deer Lake and mileage Three seven nine 379

> SJB Complete 2221

JFR is Mr. J. F. Ryan, the afternoon trick dispatcher at Bishop's Falls. He turned over the desk to Mr. Bartlett, who worked the midnight to 0800 trick. SJB is Mr. S. J. Best, the day dispatcher at Bishop's Falls. Order No. 150 notified the crew of No. 101 that the section gang would be working between South Brook and Russell in the spectacular canyon of the Humber River, just east of Corner Brook. Mr. Tom Glavine, No. 101's engineer from Bishop's Falls to Corner Brook, called this part of the valley the "Humber Canal," - or at least that's what was understood!

GRAND FALLS

No Orders OK at 1013 G.M.D.

MILLERTOWN JCT.

Order 175

Train Order No. 175

Oct. 19, 1968

To No. 101

Westward Trains

at Millertown Jct.

Westward trains except No. 101 Eng. 923 wait at Millertown Jct. until Thirteen Fifty 1350.

G.M.D. Complete 1140

DEER LAKE

Orders 400

Train Order No. 400

Oct. 19, 1968

To No. 101

Deer Lake at

Do not exceed five 5 miles per hour between ten 10 poles west and thirty five 35 poles west of mileage three nine five 395

G.M.D. Complete 1316

This is the same trackage referred to in Order No. 150, where the track gang was engaged in relocating about 500 feet of the main line back from the edge of the bank above the river. The Trainmaster explained that the rails had been creeping towards the edge gradually, and the time had come to relocate the line, including easing the left-hand curve, for safer and faster train operation. This relocation also eased off the grade (eastbound) a little.

Train Order No. 170 Oct. 19, 1968
To Westward trains at Corner Brook

No. 102 Due to Leave Port aux Basques Saturday, Oct. 19th is annulled Port aux Basques to Corner Brook.

GMD Complete 1038

Train Order No. 171 Oct. 19, 1968

To No. 101

Extra 934 West at Corner Brook

Extra 934 West Run ahead of No. 101 Eng. 923 from Corner Brook until overtaken

GMD Complete 1042

Train Order No. 185 Oct. 19, 1968

To No. 101

Westward trains at Corner Brook

No. 101 Eng. 923 wait at mileage four nought nine 409 until twenty two hundred 2200

GMD Complete 1430

Oct. 12, 1968

Train Order No. 378

To Westward trains at Corner Brook

Do not exceed five 5 miles per hour over culvert twenty five 25 poles West of mileage four one nought 410.

JFR Complete 2235

Train Order No. 379 Oct. 12, 1968

To Westward trains at Corner Brook

Do not exceed twenty-five 25 miles per hour between mileage four nought eight 408 and mileage four one nine 419.

JFR Complete 2235

Oct. 18, 1968

Train Order No. 396

To Westward trains at Corner Brook

Cars on following passing tracks Port aux Basques

Sub Beaver one 1
St. Georges three 3
Joyce thirty 30
Robinsons three 3

FORM 19 R			
Sto Johns AT			
70	20101.	Deer Lake.	
SIGNATURES	per hom be	eed five 5 miles turen ten 10 to and thirty five st of mileage five 395, B. M. D.	
		AT 1316	

South Branch thirteen 13 Doyles five 5 Cape Ray five 5

CMH Complete 0415

CMH is Mr. C. M. Hannon, dispatcher at Bishop's Falls on the afternoon trick on October 18, 1968. Ten miles east of Corner Brook, on the side of the valley above a little brook, there were signs of washing by recent rain. Order No. 379 imposed a speed restriction for some 11 miles, with Order No. 378 designating the real trouble spot.

STEPHENVILLE CROSSING

Orders 199

Train Order No. 199

Oct. 19, 1968

To No. 101

at Stephenville Crossing

No. 101 Eng. 923 meet Extra 917 East at Fischell
No. 101 Take Siding at Fischell

SJB Complete 1655

On Mr. S.J. Best's instructions, No. 101 took the siding and waited just about 15 minutes. Extra 917 East had three units and a long train, including both Newfoundland area (3 ft. 6 in.) freight cars and a few standard gauge box cars and tank cars mounted on narrow gauge trucks.

ROBINSONS

Orders 207 - 208 - 209

Train Order No. 207

Oct. 19, 1968

To No. 101

at Robinsons

No. 101 Eng. 923 Meet No. 204 Eng. 928 at St. Andrews

SJB Complete 1839

Train Order No. 208

Oct. 19, 1968

To No. 101

at Robinsons

No. 101 Eng. 923 Meet No. 204 Eng. 928 at Riverview Instead of St. Andrews

SJB Complete 1843

Train Order No. 209

Oct. 19, 1968

To No. 101

at Robinsons

No. 101 Eng. 923 Wait at Riverview until Twenty Twenty 2020 St. Andrews Twenty Forty 2040 Cape Ray Twenty fifty five 2055

SJB Complete 1848

Normally, No. 101 should have met No. 204 at Codroy Pond, some 20 miles east of Riverview. With No. 101 now running more than



1

The eastbound CARIBOU, - Train 102 of CN's Newfoundland Area, eastbound near St. George's, on the French Treaty Coast. Engines 946 & 931 haul the train while Heater Car 2951 supplies the steam.

Photo by W.R.Linley, Ottawa, Ontario

45 minutes late, some adjustments had to be made. These are reflected in Train Orders Nos. 207 and 208.

There is a great deal of traffic, - both passenger and freight, moving over the railroad in the Newfoundland Area of Canadian National Railways. In addition, essential maintenance projects must be completed during the relatively short summer. Put all of these conditions together, and it is not surprising that there are times when the trip from Port aux Basques to St. John's takes more than the scheduled 22 hours. Nonetheless, the whole Newfie railway team is working very hard to keep the service running and the road in tip-top condition. This is a far from easy job, but with the reputation which they have earned for all-weather, efficient operation, they can't afford to relax their vigilance.

So, the next time you hear someone being critical about the operation of the railway in Newfoundland, you might suggest that it would be a good idea if they made a trip to the Island, so that they could better appreciate the workmanlike job that is being done on the little railroad that could - and did, and does!

White Pass and Yukon Railway parlor cars presently in service on that railway. New additional units are on order. (see observations)



