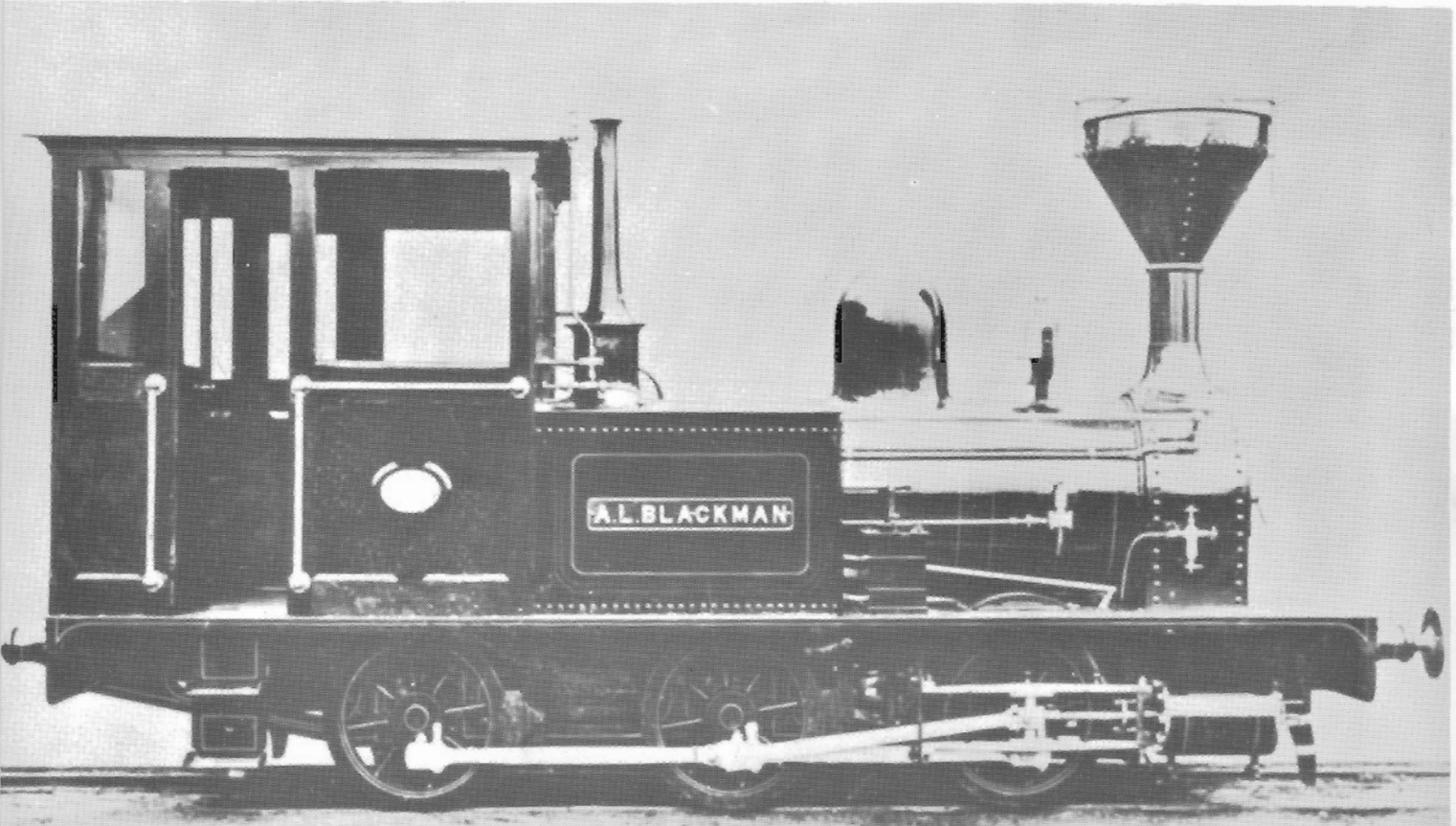


Canadian Rail



No. 388
SEPTEMBER-
OCTOBER 1985







CANADIAN RAIL

Published bi-monthly by the Canadian Railroad
Historical Association P.O. Box 148 St. Constant P.Q.
J0L 1X0. Subscription rates \$23.00
(US funds if outside Canada)

ISSN 0008-4875

EDITOR: Fred F Angus
CO-EDITOR: M. Peter Murphy
OFFICIAL CARTOGRAPHER: William A Germaniuk
LAYOUT: Michel Paulet

NEW BRUNSWICK DIVISION
P.O. Box 1162
Saint John,
New Brunswick E2L 4G7
ST. LAWRENCE VALLEY DIVISION
P.O. Box 22 Station 'B'
Montreal, Que. H3B 3J5
BYTOWN RAILWAY SOCIETY
P.O. Box 141, Station A
Ottawa, Ontario K1N 8V1
TORONTO & YORK DIVISION
P.O. Box 5849, Terminal A,
Toronto, Ontario M5W 1P3
WINDSOR-ESSEX DIVISION
300 Cabana Road East,
Windsor, Ontario N9G 1A2
GRAND RIVER DIVISION
P.O. Box 603
Cambridge, Ontario N1R 5W1
NIAGARA DIVISION
P.O. Box 593
St. Catharines, Ontario L2R 6W8
RIDEAU VALLEY DIVISION
P.O. Box 962
Smiths Falls, Ontario K7A 5A5
ROCKY MOUNTAIN DIVISION
P.O. Box 6102, Station C,
Edmonton, Alberta T5B 2N0
CALGARY & SOUTH WESTERN DIVISION
60 — 6100, 4th Ave. NE
Calgary, Alberta T2A 5Z8
CROWNEST & KETTLE-VALLEY DIVISION
P.O. Box 400
Cranbrook, British Columbia V1C 4H9
PACIFIC COAST DIVISION
P.O. Box 1006, Station A,
Vancouver, British Columbia V6C 2P1
KEYSTONE DIVISION
14 Reynolds Bay
Winnipeg, Manitoba R3K 0M4

Front Cover

*In the days of steam this Newfoundland Railway
passenger train was photographed (data unknown) with
Bell Island in the background.*

Photo courtesy of CN No. X31489.

Opposite

Lewisporte in the hey day of the Newfoundland Railway.
Photo courtesy of CN No. X30137.

*First locomotive on the Newfoundland Railway,
photographed in 1881.*

Photo courtesy of CN No. X50336.

THE NEWFOUNDLAND RAILWAY

**A triumph of twisting steel over
nature, demography, and politics.**

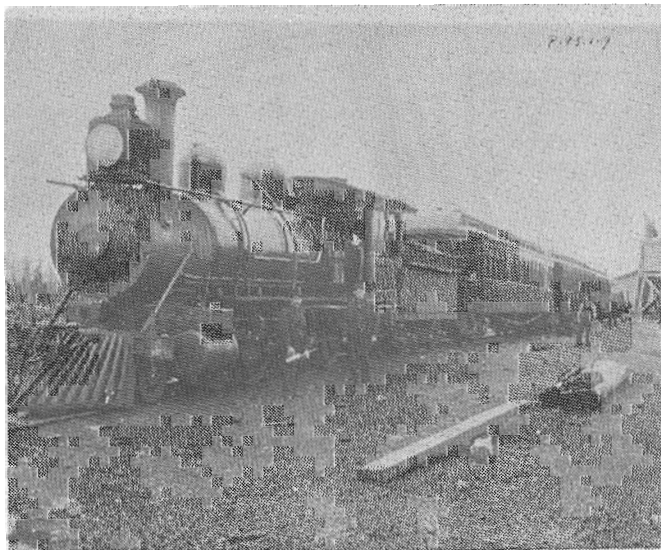
Compiled by Mike Wragg

The Railway—an Island Institution.

On May 5th, 1984, in the CBC Radio series 'The Way We Were', three one-time Employees of the Newfoundland Railway reminisced about the old days. They recalled the Newfoundland Express, blocked with passengers, loggers out of the woods with bucksaws in bags, luggage crammed in the aisles. It was the only land link across the Island, and carried everything that moved.

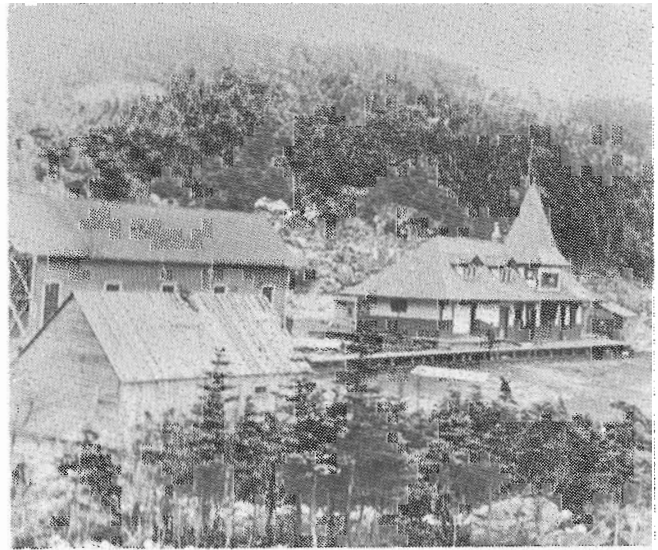
There were babies who could not wait the once 26 hour crossing to be born. There were even twins, one at Maccles, and number 2 arrived at Terra Nova, up the line. When the train left St John's at 5:00 pm, the only contact was with the Dispatcher. The Staff were on their own and relied on travelling Doctors, Nurses and Midwives, anyone, in an emergency.

The Kitchen Crew moved swiftly to feed hundreds of passengers, 24 only at each sitting, in the dining car.



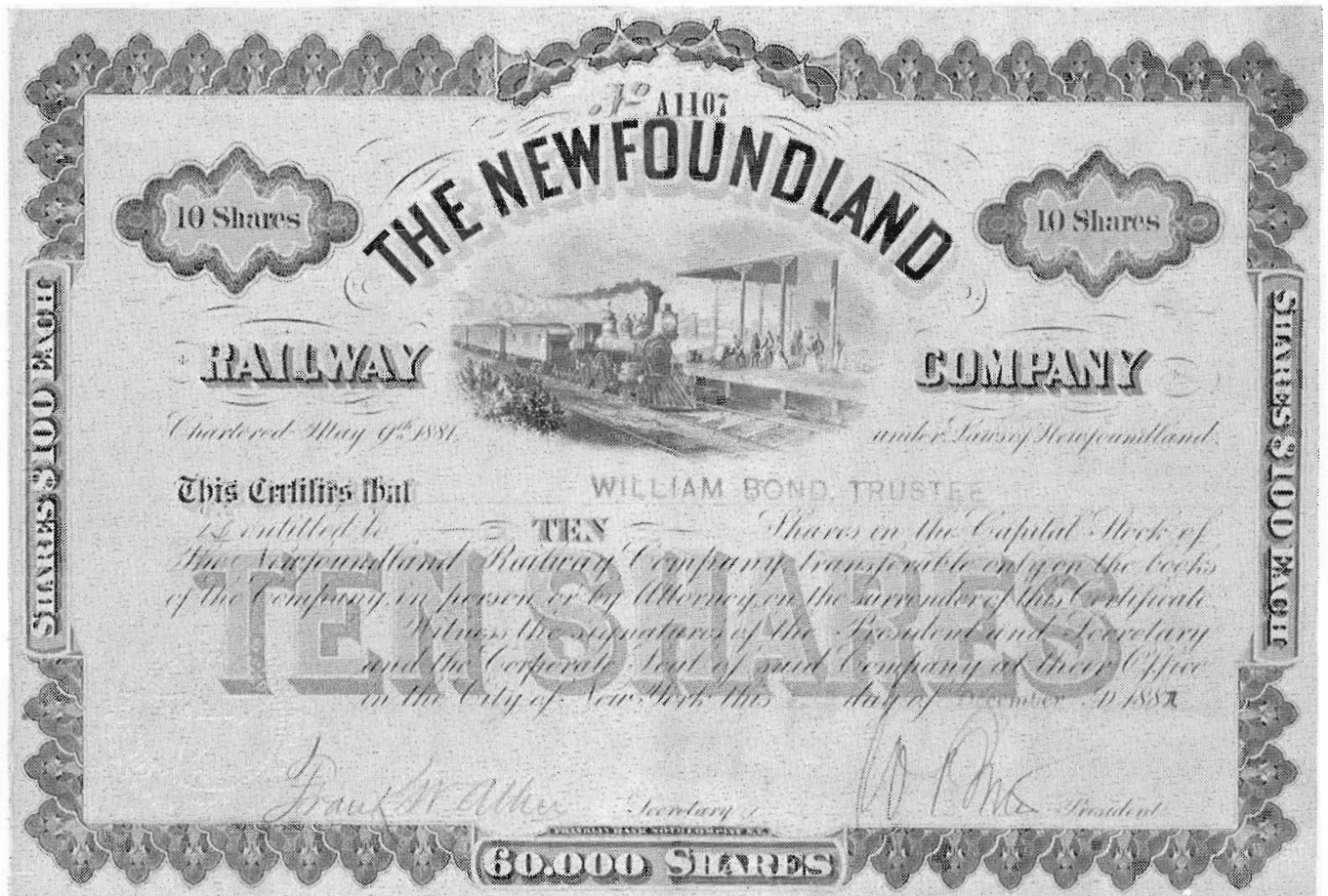
Baldwin 4-6-0 and train photographed at Whitbourne in 1903. Note link and pin couplers. First car is buffet sleeper "trinity" which survived until the 1950's.

Photo courtesy of Newfoundland Transportation Historical Society.



Station at Jerseyside Placentia, first terminus of the Gulf Ferry and terminus of the Placentia Railway.

Photo courtesy of Newfoundland Transportation Historical Society.



A certificate for 10 shares of stock in the first Newfoundland Railway company. This certificate was issued in New York on December 12 1881. The picture is a standard design of the bank note company.

Collection of Fred Angus.

What came through, was the caring of Staff for Travellers. A sense of Family, all on a swaying, bumping, grinding trip across the Island. How did it all begin?

The Early Days

Railways were late arrivals in Newfoundland. Following a trans-Island survey supervised by the Scottish-Canadian engineer Sandford Fleming in 1874, plans were sent to the British Colonial Office. There was virtually no interest, either in Government, or Business circles.

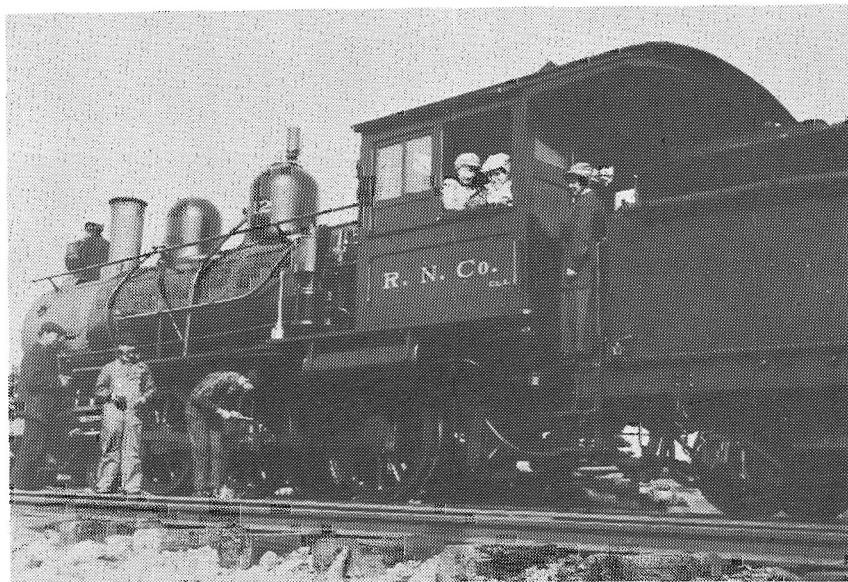
The proposed west coast terminus was on 'The French Shore'. French fishermen had treaty rights to process fish on the north and west coasts, free from competition, and the British Colonial Office was reluctant to take heat from Paris for thrusting a railway upon them.

Newfoundland Politicians were nervous of the risks involved. In 1874, population was only 162,000., mostly engaged in the fishery along the coast. All travel was along the coastal perimeter and only hunters normally penetrated the interior.

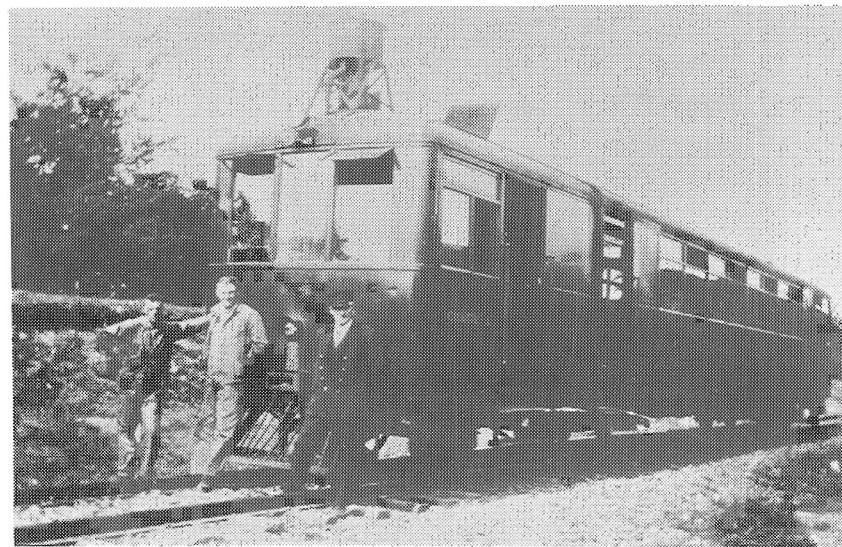
By 1880, a new Government in St. John's decided to go it alone on a limited scale, with a light 3' 6" gauge line from the Capital to Hall's Bay, with a branch from Whitbourne to Harbour Grace.

A.L. Blackman, a wild promoter, representing an American syndicate, gained the confidence of Sir William Whiteway, then Prime Minister, and won the contract.

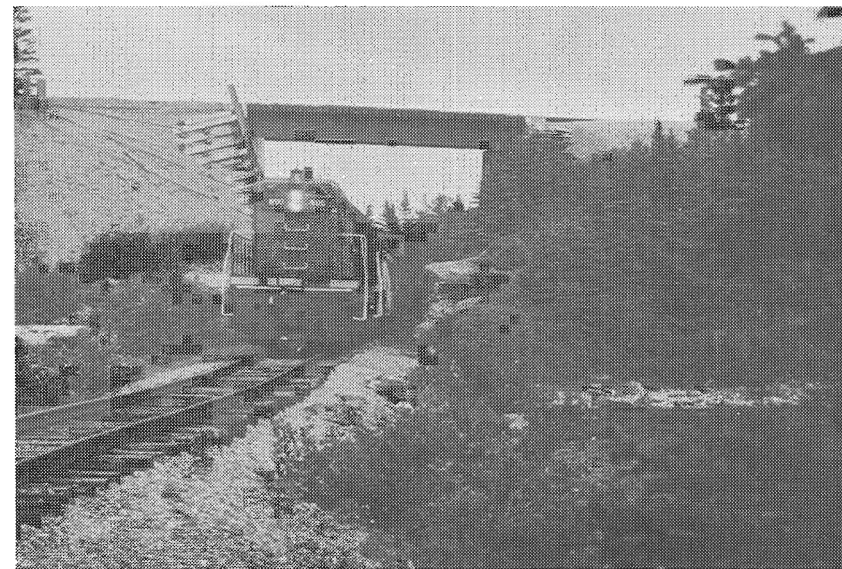
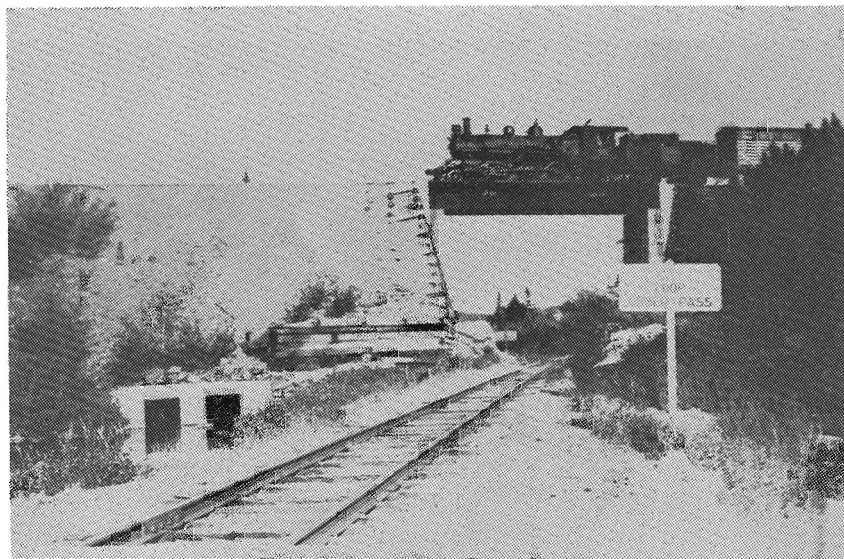
The Syndicate incorporated as The Newfoundland Railway Company, which would own and operate the line in return for a Government cash subsidy of \$180,000. a year for thirty five years,



*Baldwin design 4-6-0 built in Reid's shops in St. John's in 1911.
Photo courtesy of Newfoundland Transportation Historical Society.*



Sentinel Steam Coach used on branch lines in the 1920's. Man in cap is Mr. Downton, father of first treasurer of the Newfoundland Transportation Historical Society.



*"The loop then and now" on the Bonavista Branch Nfld. Railway 195 and Terra Transport 800. This exposed loop is due to become a historic site, the only one of its kind in Canada.
Photos courtesy of NTHS and Fred Angus.*



"EXPRESS CROSSING NEWFOUNDLAND" was the subject of this very detailed engraving on the 5 cent postage stamp issued between 1928 and 1932.

Collection of Fred Angus.

following completion, plus 5,000 acre land grants per mile. The Syndicate deposited \$100,000. in U.S. Bonds as surety.

Money was borrowed on the London market, and on August 9th 1881, work began, with fifty men hired for eight cents an hour. The light rails weighed 35 lbs. per yard.

The old style fish merchants were not too happy. They could foresee higher taxes, and erosion of their hold on the Island economy. One such 'Fishocrat' spread rumours around Conception Bay that the Surveyors' sticks and red flannel were Canadian flags, ipso facto, a Canadian land grab. An armed mob stalled the survey at Foxtrap and Women pelted the Surveyors with rotten cods' livers. Judge Prowse and his posse had to make a charge at the 600 strong crowd. This action went down in history as the Battle of Foxtrap.

By September 1882, the tracks passed Holyrood and trains were running three times a week, connecting with the steamer Lady Glover at Holyrood, for ports in Conception Bay.

The first locomotive was an 4-4-OT., built by Hunslet of Leeds, England around 1872., and purchased from Prince Edward Island Railway.



"The Newfie Bullet" prepares to depart St. John's with locomotive 1024 on the head end. Photo courtesy CN No. X30702.

By the end of 1882, 40 miles of track was in place, but already the shaky Syndicate was in trouble. The Government finally released the \$100,000 deposit, and the Company reached Whitbourne by late Fall in 1883., then defaulted.

Francis H. Evans, a London merchant banker, was appointed Receiver for the Bondholders, and completed the line to Harbour Grace, in the Fall of 1884. In 1896, the Government bought it, by paying The Syndicate \$1,500,000., and later, in 1897, paid the Bondholders \$325,000.

Newfoundland now owned eighty four miles of light railway across the Avalon Peninsula, the most densely populated area of the Island, and it was soon showing a modest profit.

The Government then built a 27 mile branch from Whitbourne to Placentia, connecting with steamers to Halifax, at a cost of \$500,000.

In June 1890, the Government found an honest Contractor and signed a contract. Efficient and conscientious too, he was Robert G. Reid of Montreal. He began his career as a Scottish stone-mason, and advanced to bridge building on a large scale, working through Australia, the U.S.A., and Canada.

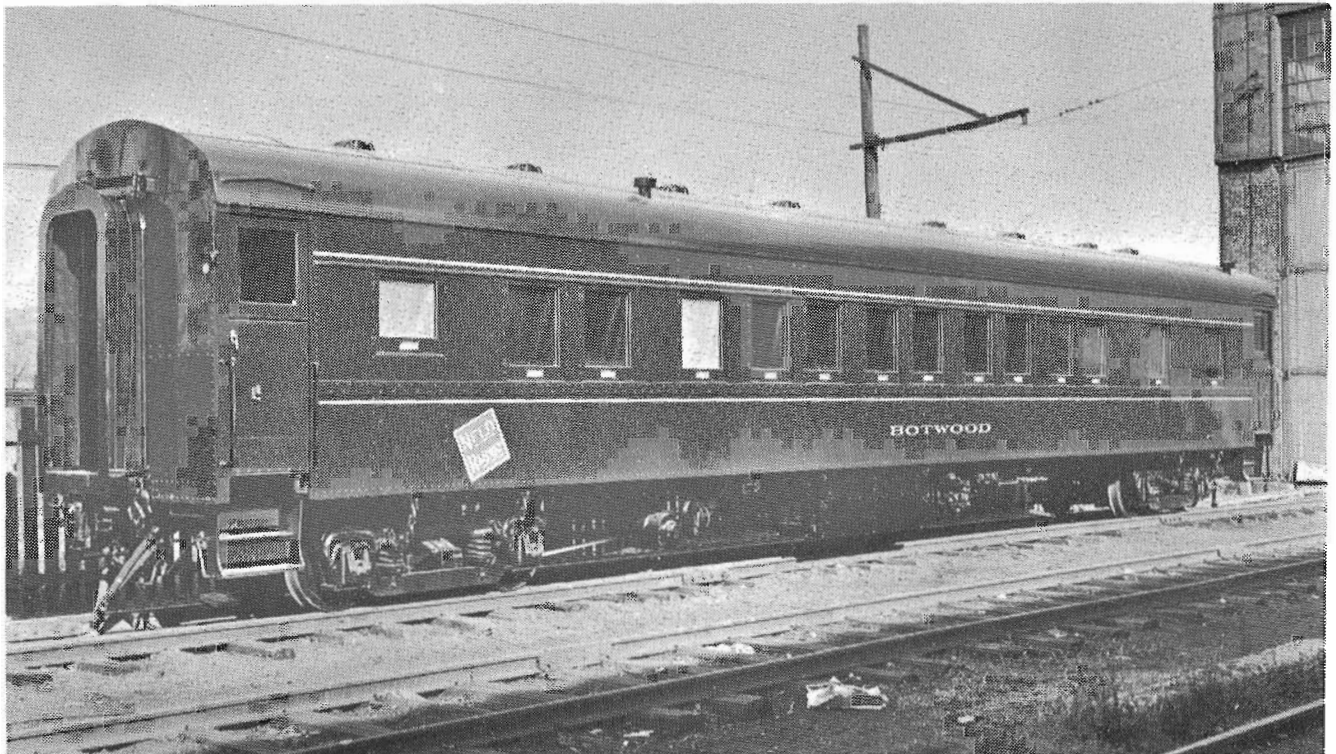
With Partner G.H. Middleton of Toronto, he commenced joining Placentia Junction with Halls Bay, 260 miles away.

The pay was \$1.00 per day. Some men boarded with the Contractor for \$2.50 per week, all found, or they paid .12 cents for each meal. Some lived at Reid's Whitbourne Headquarters, others in moveable bunkhouses.

Advance gangs cut the right of way, graders followed, and a third gang laid ballast, ties, and 50 lb. rail. Between 75 and 81 miles a year were covered. At the close of 1892., they had arrived in Gander.

2,000 men were now on the payroll, and with an election not far away, the Liberal Government considered it prudent, politically and strategically, to go all the way to Port aux Basques. A contract was signed on May 16th 1893, to run the railway from the Exploits River, over the wind-swept Gaff Topsails, to Grand Lake, down the Humber River, to Bay of islands and on to Port aux Basques.

Reid preferred the longer route around Halls Bay, to avoid the notorious, exposed high country of the Gaff Topsails, but the Government were paying by the mile, at a rate of \$15,600., in



The Botwood, depicted here at the Can-Car plant in Montreal in November 1943, was a lightweight sleeping car of the type that served well until the end of main-line passenger service in 1969.

Can-Car collection, C.R.H.A. Archives.

3½% bonds of the Colony, so insisted on the shorter route. Over the past 87 years, delays on the high Topsails, due to incredibly fierce winds and drifting snow, have cost many times the relatively small amount saved on construction. Trains have been stranded for up to 17 days there in Winter.

In 1893, they crossed the Exploits River at Bishop's Falls, and the Liberal government of Sir William Whiteway was returned to power on a tide of road building, and railway construction itself employing up to 3,000 men.

The rails entered Port aux Basques in 1897., 546 miles of them, at a cost of \$10.7 million. In total, the Government owned 637 miles of track, running through undeveloped country, where Moose outnumbered People.

The first regular passenger train left St. John's at 7:00 pm on June 29th 1898 and took 27¾ hours to reach Port aux Basques the next evening at 10:45 pm.

The regular schedule for a passenger train between St. John's and Port aux Basques for many years afterwards was 28 hours.

During the first run, seven locomotives were used in relays, the types including 4-4-O's, 4-6-O's, and a 2-6-O.

As men were laid off in 1898, some surplus labour was absorbed by constructing the Lewisporte branch, the 'cut off' from Brigus Junction to Tilton, and the extension from Harbour Grace to Carbonear.

The Reckoning

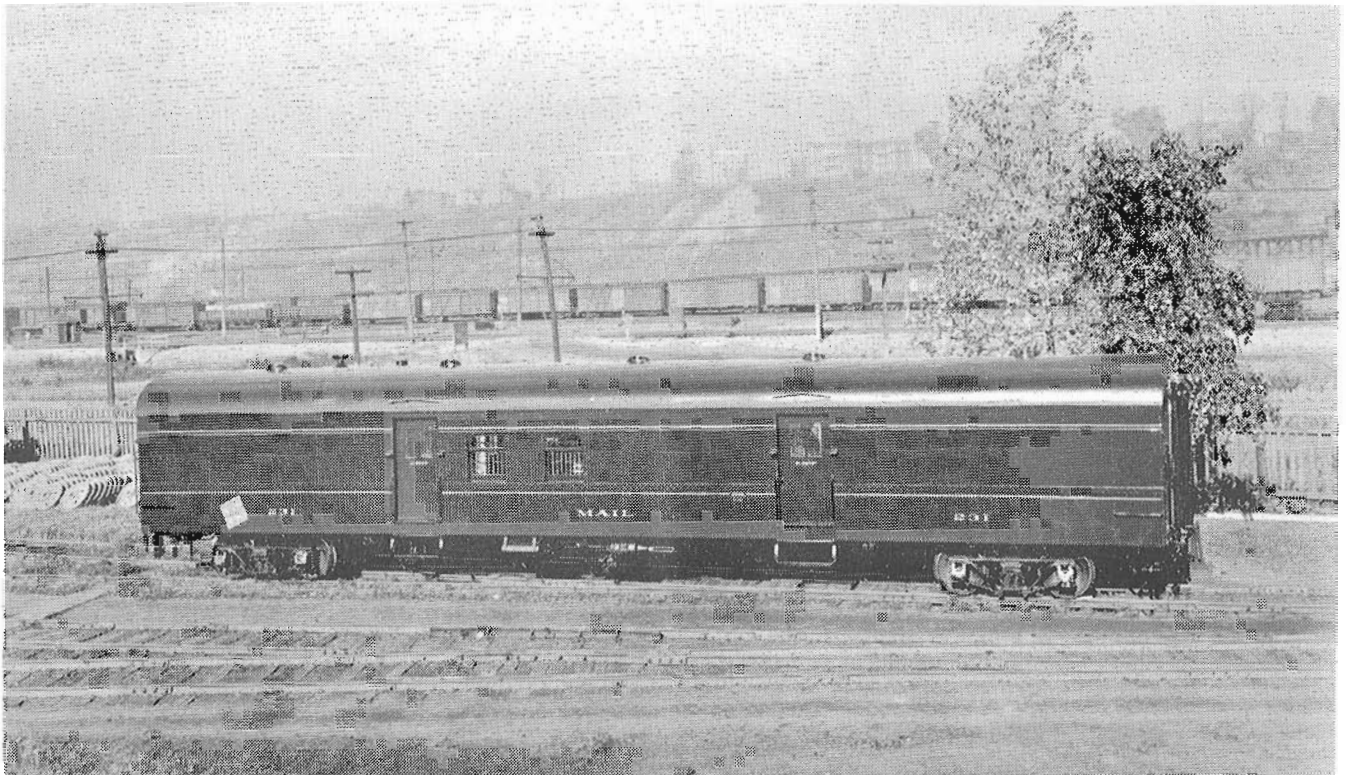
The Government was now faced with economic depression and found it's debt load, significantly increased by the Railway, increasingly difficult to carry. By this time, the system consisted of;-

Southern Division-so called 'Harbour Grace Railway'. Northern Division-so called 'Placentia Railway 1886-1890. 'Halls Bay Railway' 1890-1894. 'Newfoundland Northern & Western Railway' 1894-1897.

In 1898, the new Tory Government, led by Sir James Winter and Alfred Morine, signed a contract with the Reid Family.

R.G. Reid agreed to operate the Railway for fifty years, in return for land grants of 5,000 acres per mile and to run a coastal steamer service for an annual subsidy of \$90,000. He took over the St. John's dry dock for \$325,000, and agreed to operate Government telegraph lines.

This gave the Reids control over assets that had cost the People \$13,000,000., and the political



Mail car 231 outside the Can-Car plant in October 1943. Note that it is on standard-gauge archbar trucks for moving through the yards en route to the docks for loading on board a ship for its trip to Newfoundland.

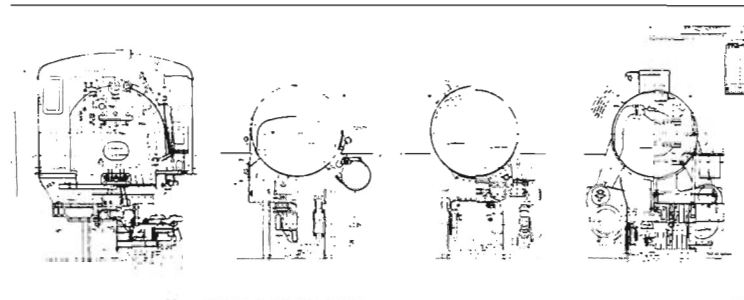
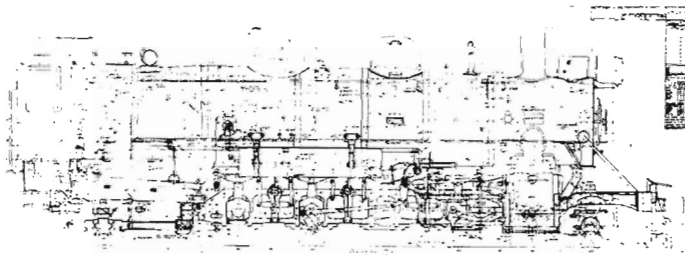
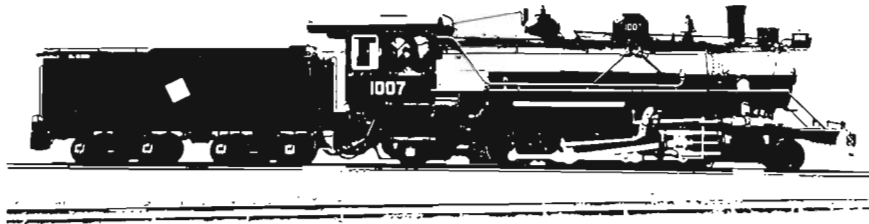
Can-Car collection, C.R.H.A. Archives.

AMERICAN LOCOMOTIVE COMPANY

Montreal

Shop Nos. 69444
 Road Nos. 1007
 Shipment June 1941

ORDER Q391
 ROAD CLASS _____
 SPECIFICATION No. A-1315 Drawing No. 4290 3290
2490 3300
 TYPE 2-8-2S 152 ROAD New Foundland Ry.



GENERAL DIMENSIONS

Gauge	3'-6"
Fuel	Soft Coal
Weight on drivers in Running Order	119500
" on Truck	12900
" on Trailers	19600
" of Engine in Running Order (in Red)	152000
" of Tender in Running Order	101600
" of Eng. and Tend. in Running Order	253600
" of Engine Empty	136150
" of Tender Empty	41930
" of Engine and Tender Empty	178080
Wheel Base, Driving	13'-3"
" Rigid	8'-10"
" Total Engine	29'-3"
" Total Engine and Tender	55'-11 1/2"
Center Front Wheel to Chafing Plate	34'-5 3/4"
Tractive Power, Maximum	29000
Adhesion (Factor of)	4.12
Grade and Curvature	2% 14°
Diameter and Stroke	CYLINDERS 18" x 24"
Diameter of Piston Rod	3 1/4"
Style of Piston Packing	N.I. 2 Snap Rings
Maximum Width over Cylinders	8'-2"
Crosshead, Type	Alligator
Type of Gear	VALVES Walschaert
Diameter (if Piston)	8"
Greatest Travel	5"
Steam Lap	13/16"
Exhaust Clearance	L & L
Lead in Full Gear	3/16"
DRIVING WHEELS, ETC.	
Diameter Driving Wheels, Outside Tire	48"
" Centers	42"
Tire Held by	Lip & Shrinkage
Driving Journals, Diameter and Length	M 8 3/8 Others 8 1/2
Diameter of Driving Wheel Axle Fit	M 8 1/2 Others 8"
Trailing Truck, Type	Radial, Outside Brg.
" Journals	5" x 9"
" Wheels Diameter	30"
Engine Truck, Type	Radial Inside Brg.
" Journals	4 1/4" x 7 1/2"
" Wheels Diameter	30"
Diameter and Length of Main Crank Pin Journals	5 1/2" x 6"
" Side Rod	6 1/2" x 5"
" Inter	4" x 3 1/16"
" F&B	4" x 3 1/2"
Frames, Width	4"
Style	BOILER Extended Wagon Top
Inside Diameter of First Ring	58 1/16"
Outside Diameter of Largest Course	65"
Height over Crown, Front (Water Level)	19 1/8"
Pressure Built for	210 working 210
Height to Center, From Rail	88"
Cylinder Center to Front Tube Sheet	33"
Dome, I. D.	28 1/4" Style One Piece
Fire Box, Length (Inside Sheets)	84 1/8"
" Width (Inside Sheets)	60 1/4"
Combustion Chamber, Length	—

Gaines Arch	none
Fire Box, Depth	Ft. 61' 8k. 52"
" Depth (Top of Grate to Cen. Lowest Tube)	177 3/8"
" Plates Thickness, Sides	3/8"
" Back	3/8"
" Crown	3/8"
" Tube Sheet	1/2"
" Water Space, Front	4"
" Sides	3 1/2"
" Back	4 3/4"
" Crown Staying (Dia. Body)	1 1/16" 1 1/8"
" Staybolt (Diam.)	1 1/16" 1 1/8"
" Spacing	4.25" x 3.82"
Tubes, Diameter	2"
" Number of	126
" Thickness	#12 B.W.G. Min.
" Spacing	2 3/4" F&B
" Length over Tube Sheets	17'-0"
Superheater Flues, Diameter	5 3/8"
" Number of	21
" Thickness	#9 B.W.G. Min.
Heating Surface, Tubes	1115 Sq. Ft.
" Flues	500 " "
" Arch Tubes	— " "
" Syphons	35 " "
" Fire Box	118 " "
" Total	1768 " "
Superheating, Surface	426 " "
Grate, Length	84" Width 60" Area 352
" Style	Cast Iron, Rocking
Fire Brick, Supported on	—
Ash Pan	3 Pl. Plate
" Steam Operated	Hand
Fire Door, Size	18" x 13"
Exhaust Pipes	Single Cast Iron
" Nozzles	1-5 1/2" Dia. " "
Smoke Stack, Diameter Inside	14"
" Height Top Above Rail	12'-10 3/8"
TENDER	
Tender Truck, Type	4 Wheel C.S. Side Frame
" Journals	5" x 9"
" Wheels Diameter	30"
" Number	8
" Boxes	—
Wheel Base, Trucks	5'-6" Symington
Center Rear Wheel to Chafing Plate (Tender)	16'-11"
Tender Frame	8 x 10 Channel 12 x 30
Tank, Kind	U-Shape Level Top
" Body, Length	26' Inside
" Width	104"
" Depth	58"
" Capacity, Gallons Water	5000 U.S.
Fuel Capacity, Tons	9
" Gallons Oil	—
Length over all, Engine and Tender	66'-10 3/4"
Extreme Width	9'-5"
" Height	12'-10 1/2"
Height Tank Filling Hole	107 1/8"

MATERIALS AND SPECIALTIES

ITEMS

Axles, Driving O.H. Steel A.A.R. Spec'n.
 " Engine Truck " " "
 " Trailing " " " "
 " Tender " " A.S.T.M.

Ash Pan, Special —

Air Signal West. Schedule "L"

Booster —

Brake, Make Westinghouse & American N-115-70 BC
 " Operating Equip. " #6 E.T.
 " Driver, Make and Size American N-115-70 with BC 2 Cyl. 13B 12x8
 " Engine Truck —
 " Trailer " —
 " Tender, Cyl. Size 10x12" Type "L"
 " Clasp on Tender —
 " Pump No. Type and Size 1 West. L.H. 11"
 " Main Reservoir No. and Size 1-20x72" & 1-20x102" (M.L.W.)

Bell Ringer Simplicity

Blow-off Cock Muffler —

Blow-off Cock, Make Bird Archer Type M
 " " No. and Size Two 2"

Boiler Shell Steel U.S. Steel Car Steel
 " Seams A.L. Co. Sex Tube
 " Designed for Factor of 4.5 at 210 lbs.
 " Thickness Plates, 1st. 3/32 2nd. 1/32 3rd. 1/32 4th. 1/32
 " " Sides 1/2 Back Head 1/2 Throat 1/16
 " Fire Box Steel Lokens Nickel Steel
 " Covering Magnesia, Sectional.
 " Back Head " "
 " Cover Side Remov. " "
 " " F. E. Below R. B. Magnesia, Sectional
 " Fittings, Flange or Screw Conn. Flange & Screwed.

Fusible Plug One A.L. Co. Std.

Bearing Metal Special —

Bumper Front Wood
 " Buffer Radial Franklin Wedge Type A-1
 " Relief Valve, Type 2 Alco. Std. Relief Valves
 " Dry Pipe, Size and Material 5" I.D. Std. Lap Welded Steel Pipe
 " Drifting Valve, Type —
 " Cab Steel Plate, WOOD LINING.
 " Curtains #6 White Cotton Duck.
 " Coupler, Engine Shavon M.C.B. Auto. Short Shank. Slotted Knuckle
 " Tender " " Long Shank. " "
 " Crank Pins O.H. Steel. A.A.R. Spec'n.
 " Crosshead Shoe Material Cast Iron Crosshead Material Cast Steel
 " " Brass Gibs —
 " " Lining Babbitt
 " Cylinder Cocks A.L. Co. Std.
 " Material N. Iron.
 " Bushing, Material —

Cleaning Holes, Special R&L Smbx Back & L. Smbx Frt.
 Cinder Valve - ALCO.
 Driving Boxes, Material Cast Steel.
 " " Roller Bearing, Make —
 " " Lateral AL. Co. on Front Drivers only.
 " " Hub Faced —
 " " Shoe and Wedge Fit Faced —
 " " Cellars Franklin
 " " Special —

Dampening Device, Between Units Engine Truck —

Drift Gear, Front of Engine Drawhead & Coupler
 " " Rear of Tender ALCO. WITH LONG SHANK COUPLER

Drawbar Type A.L. Co.

ITEMS

Feed Water, Heater or Exh. St. Inj., Make — Capacity —
 " " Strainer Perf. Pl. in Tanks & Okadee on Feed Pipe
 " " Joints Screwed.
 " Pipe Material Copper.
 Fire Box, Special Type —
 Fire Brick Arch —
 Fire Door Make and Type Franklin, Butterfly #8
 Flexible Joints, Make 2 Bayco Steam Heat
 " " Location Between Engine & Tender
 Flue Blower —
 Frame, Front Rails Cast Integral with Main Frame
 " Material Nickel Cast Steel
 " Stress at "A" 2810
 " " " "B" 3340#
 " " " "C" 4440#
 " " " "D" 1840#
 " Cradle Casting —

Grates, Make A.L. Co. Cast Iron

Headlight, Type One Pyle National #20-C-300, 116 W. 12V.
 " Size of Case 18" Dia. with Side Numbers.
 Hub Liners, Drivers Brass Bronze R. R. Co. Spec'n.
 " " Engine Truck —
 " " Trailing " —

Injector Overflow - One 1/4" 3-way Cock. Crane #268
 Injectors, Make R.H. Sellers 83CLN. L.H. Hancock HNL Capacity 2500 G. per Hr.
 " Checks and Seals R. Sellers Type C
 " " Pipe Material Copper.
 " " L.H. Hancock #6
 Inspection Dune Inj. St. Valves A.L. Co.
 Jack Screws (Spec. of Travers) —
 Jacket Material and Thickness Hot Rolled Stl. Ann'd. with Copper Content
 " Crinoline Frame # 18" B.W.G.

Journal Cooler —

Low Water Alarm —

Lubricators Detroit 5 Feed Bullseye. #42
 Lubricator (Flange) —
 Mud Drum —
 " Ring Material Cast Steel
 Oil Caps U.S.M.P.G. Guides. Spec D-Rods. Crane #42 - Throttle Rigging.
 Piston Rod Packing U.S. King Type.
 Valve Stem " " "
 Pilot Applied by R.R. Co.
 Pistons, Type and Material Solid Head. Cast Iron.
 " Packing Ring Type Snap Ring. Nl. Iron.

Piston Rods, Material Low Carbon Nic. Steel
 " " Extended —
 Pyrometer —
 Piping Eng. and Tend. (if Extra Heavy) Ex. Heavy.
 Retaining Rings on Drivers —
 " " Engine Truck —
 " " Trailing " —
 " " Tender " —

Main Rod Section Rectangular Material Low Car. Nic. Stl.
 " " Ends Solid. Floating Bushing on Bk. End.
 Side " Section Rectangular Material Low Car. Nic. Stl.
 " " Ends Solid with Bushings.
 Running Boards Steel Plate
 Reversing Gear, Special Hand Lever & Swing Link.
 Speed Recorder —

Safety Valves, Make Ashton #28 M.M.
 " " No. and Size 2-3" Open.
 Sand Box One. Steel Plate
 Sanders Graham White Trap. Duplex Eng's Valve

ITEMS

Superheater Type Superheater Co's. Type "A"
 " Header Matl. Elasco Alloy Iron
 " Pipes Size 1 1/2" O.D.
 " " Thickness #10 B.W.G. Min.
 " " Return Bends Forged.
 Shoes and Wedges Material Cast Iron
 " " Faced with —
 " " Special Make —

Signal Lamps Back Up Tender P.N. Co. T.S.L.C. 33
 Smoke Box Arrangement, if Special Extended in one piece
 " " Front and Door Pressed Steel
 " " Hinges AL. Co. M.I.
 " Consumer —

Stay Bolts W. S. Material and No. Brown Bailey. 517 Solid. 76 Hollow. 123 Flex.
 " " Rad. " " " " 68 Taper End. 64 Str. End. 92 Flax.
 No. of Rows with Taper Ends 6
 " " of Expansion Stays 14
 " " Expansion Bolts 28
 " " Flexible " W. S. 123, Radial 64. Exp. 28, Total 215, Make AL. Co.
 " " Hollow " 76

Syphons 2 Nicholson Thermic Firebox Stl.
 Steamheat, Make Gold with Gold #1014 Reducing Valve.
 " Gauge Crosby 4 1/2" Dial. Brass Case.
 Steam Gauge Crosby 6 3/4" Dial. Brass Case. Grad. 400#
 " Pipes, Matl. Cast Iron
 Spring Maker AL. Co. LaTrobe
 Syphon Cook AL. Co. Valve in Dome.
 Stoker, Type Engine Location —

Tank Coal Pusher —
 " Hose 2-2 1/2"-3 Ply. 3'-6" Lg. 1 Syphon 4"x4'-0". 1 Syphon 4"x25'-0"
 " Valves A.L. Co.
 " Coal Gates Steel Plate
 Threads Special —

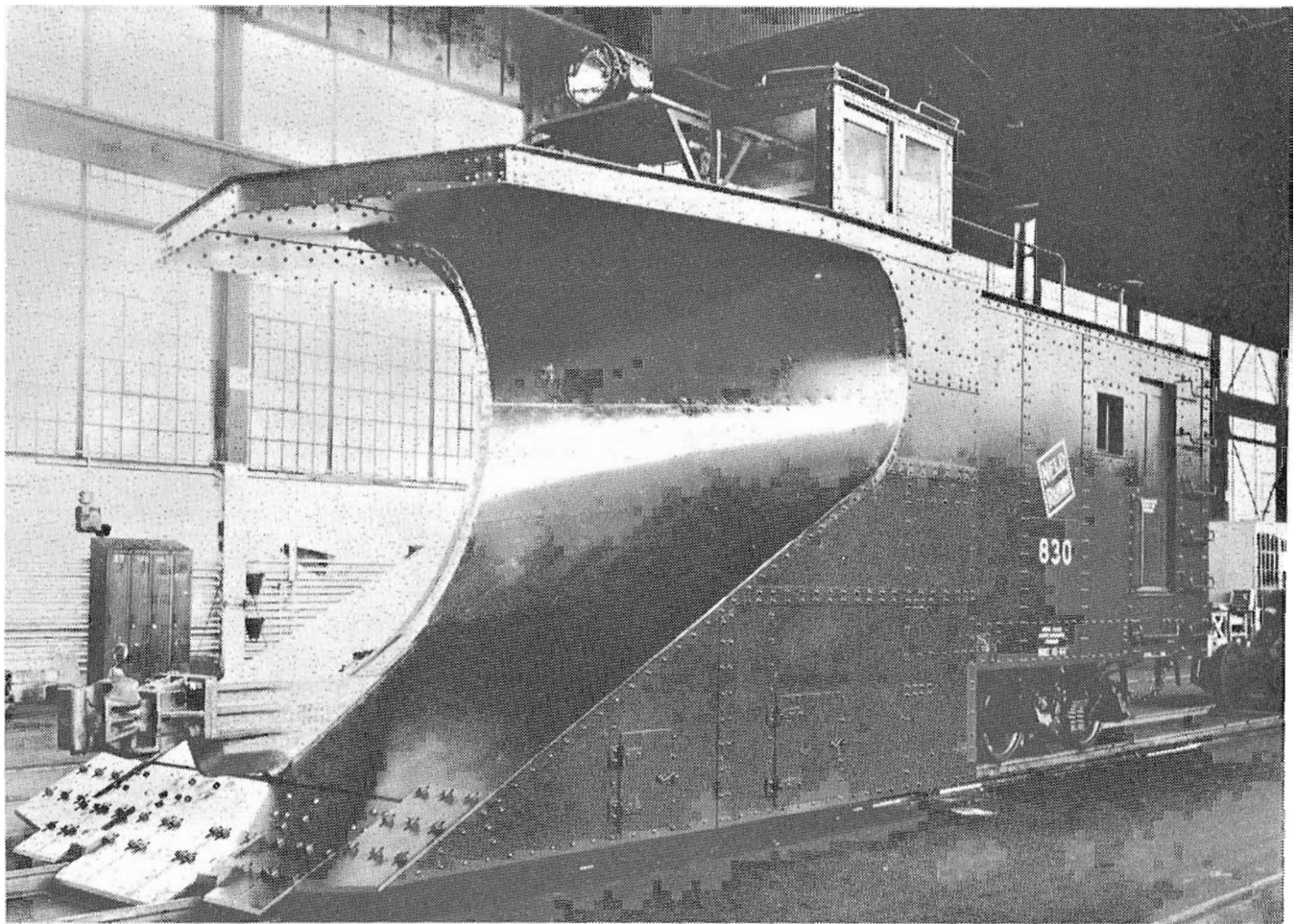
Tires, Driving Matl. and Size O.H. Steel 48" O.D. x 42" I.D. Flanged. 5" wide
 " Eng. Tk. " " " " 30" " x 25" " " 5"
 " Trl. " " " " " 30" " x 25" " " 5"
 " Tend. " " " " " " " " " "

Tools Special —
 Tool Boxes 2 in Cab Seats
 Train Control —
 Tubes Material Charcoal Iron.
 Flues (See Ends) Seamless Steel
 Tender Brake Beams Consolidated Equipment Co.
 " Front Bumper Steel Plate
 " Back " "
 " Platform Buffer —
 " " Vestibule —
 " Axle Box Packing Grade 10D Spiral Dura metallic Packing
 " Type Bradford.
 Valves Special —
 Washout Plugs, Total Number 19 Make Housley
 " " Number 11 Size 2" Location Bk. Hd. & Firebox
 " " " 8 " 2 7/8 " M.R. Cr. Throat & 1 1/2" & 2nd Course

Water Column, if Special A.L. Co.
 " Gauge Main Guard Nathan "L" 2
 " Sew. —
 " " Air Opr. —

Wheel Centers Matl. Driving Cast Steel 42" Dia.
 " " Eng. Truck " " 25" "
 " " Trl. " " 25" "
 " " Tend. " " 30" "

Whistle Size and Material #6 Rolled Steel
 Wrecking Frogs #6 Crosby Style K.C. 110
 Weight Added for Distribution —
 " " Location —



When the winter blizzards howl across Newfoundland plows like this are very necessary to keep the line open. No. 830 had just been completed at the CanCar shops in Montreal when photographed in October 1944.

Can-Car collection, C.R.H.A. Archives.

upheaval that followed caused a change in Government, and a modified contract signed in 1901.

Most important, the Government would resume full ownership of the Railway. The operating period was stretched to 1951, and Reid allowed to end his personal liability by incorporating into the Reid Newfoundland Company Ltd. Rolling stock on the complete railway system was so lettered.

Some development followed in lumber and pulp and paper, but by 1909, the population was only about 220,000, and traffic was light. Steep grades and light construction restricted tonnage a locomotive could handle, and the costs of winter operating were horrendous. Losses were \$120,000 a year.

Another change in Government brought the Reids some relief with new branch line contracts on which no tenders were called. Payment was in land grants and cash, rather than bonds as in 1890.

Lines were built to Bonavista 1911, Trespassey 1914, and Heart's Content, Grate's Cove, and Bay de Verde in 1915.

A proposed branch to Fortune got as far as Terrenceville and was abandoned. Newfoundland now possessed about 950 miles of railway, serving a scattered population of 265,000.

By 1921 over 2,000 were employed and the annual payroll had risen to \$1.7 million. The Railway created employment for interior Newfoundland and it became possible to live and grow, away from the coast and the fishery. A

string of settlements and towns sprouted along the line, supported by the Railway, farming, and the forest industries.

Although traffic through the 1914-1918 War years was heavy, the Reid-Newfoundland Company claimed average losses were \$213,827 a year, and they needed \$2.8 million to put the track back in shape. The Government Engineer reported \$5.5 million was more like the figure needed.

In 1920, the Company experienced a financial crisis and eventually Mr. R.C. Morgan of the CPR. was appointed as 'General Manager'. The Government was to meet all losses up to a maximum of \$1.5 million, and losses there were.

After a sometimes bitter dispute with the Company, the Government repossessed the railway and operated it as the 'Newfoundland Government Railway. The dock and steamships also changed hands, and the Reids got \$2 million in settlement of all claims

In 1926, an Act was passed changing the name to the 'Newfoundland Railway'.

During his short term in office, R.C. Morgan had estimated it cost the Reid Company 7½ cents to move one ton one mile, due to light 50 lb. rail and corresponding light rolling stock, plus heavy grades and excessive curvature. It cost the CPR less than one cent, and yet Newfoundland freight rates were similar to those charged by CPR in Ontario and Quebec.

In the 1930's, many of the grossly uneconomic branch lines were abandoned. The entire main line was re-railed with 70 lb. rail by 1928, at a cost of \$3.3 million and new rolling stock acquired.

Five oil-fired steam rail cars were bought from Sentinel-Cammell in England, and used for suburban services. Most likely, all the power and ancillary equipment came from Sentinel in Shrewsbury, and the complete units erected by Metro-Cammell at Saltley, Birmingham.

In 1934 Newfoundland was unable to make payments on the public debt of \$100.7 million, and responsible government was suspended. Partial colonial rule from Westminster was restored with British Governor and a Commission



A refrigerator car for the Newfoundland Railway photographed new at the Canadian Car and Foundry shops in Montreal in June 1945. Note that it is standing on the 3'6" gauge version of "snap track".


Can-Car Collection, C.R.H.A. Archives.

OCTOBER, 1912

REID NEWFOUNDLAND COMPANY

RAILWAY AND STEAMSHIP SYSTEM

Until further advised, Dining and Sleeping Cars attached to trains leaving Port-au-Jacques on Wednesdays, and to St. John's on Tuesdays, and to Sydney on Thursdays.



JOHN'S TONE
GENERAL PASSENGER AGENT
HEAD OFFICE:
ST. JOHN'S, NEWFOUNDLAND

MAY 1, 1903

REID NEWFOUNDLAND COMPANY

RAILWAY AND STEAMSHIP SYSTEMS




H. A. MORINE
GENERAL PASSENGER AGENT
HEAD OFFICE:
ST. JOHN'S, NEWFOUNDLAND

1933
(Effective January to June)

NEWFOUNDLAND RAILWAY

RAILWAY AND STEAMSHIP SYSTEM



F. E. PITTMAN
GENERAL PASSENGER AND TICKET AGENT
HEAD OFFICE:
ST. JOHN'S, NEWFOUNDLAND

REID-NEWFOUNDLAND COMPANY

NEWFOUNDLAND

ONLY ONE HUNDRED MILES BY SEA FROM CANADA

Finest Cariboo Hunting Grounds in the World

LABRADOR

Quick trips, under any circumstances, affect every comfort, to the island of Newfoundland, United Rivers and Inexpensive 1st Class Passengers.



View of the Harbour River

- W. D. REID, President
- H. D. REID, Vice-President
- E. G. REID, General Superintendent
- F. J. HODGINS, Assistant to the President
- J. W. N. JOHNS TONE, Gen. and Ticket Agent
- E. W. TAYLOR, General Agent
- H. McNEILL, Agent
- H. ORAWFORD, Purchasing Agent
- G. C. B. Superintendant

REID-NEWFOUNDLAND COMPANY

SHORTEST SEA TRIP
BETWEEN
NEWFOUNDLAND AND CANADA

"SIX HOURS"

THEir DINING CARS ON ALL THROUGH EXPRESS TRAINS

Headquarters: St. John's, opened January, 1903

- R. C. REID, President
- E. D. REID, Vice-President and General Manager
- H. D. REID, Asst. General Manager and Secretary
- F. G. REID, Jr., Superintendent
- G. H. M. SNEY, Chief Engineer
- H. A. MORINE, Gen. Pass. and Ticket Agent
- W. SUTHERLAND, Gen. Freight Agent
- F. JOHN, Asst. Agent
- H. S. CORMACK, Treasurer
- H. CRAWFORD, Purchasing Agent

NEWFOUNDLAND RAILWAY

ONLY ONE HUNDRED MILES BY SEA FROM CANADA

NEWFOUNDLAND RAILWAY

ST. JOHN'S, Nfld. TO MONTREAL, Que.

Leave St. John's		
Arrive Montreal	5:00 p.m.	Mon., Thurs.
Leave Port-au-Jacques	7:00 p.m.	Tues., Fri.
Arrive North Sydney	9:00 p.m.	Tues., Fri.
Leave North Sydney	6:30 p.m.	Wed., Sat.
Arrive Toronto	7:25 a.m.	Wed., Sat.
Leave Toronto	4:45 a.m.	Wed., Sat.
Arrive Montreal	5:20 a.m.	Wed., Sat.

MONTREAL, Que. TO ST. JOHN'S, Nfld.

Leave Montreal	6:40 p.m.	Thurs., Sun.
Arrive Toronto		
Leave Toronto	8:00 p.m.	Thurs., Fri.
Arrive North Sydney	7:30 p.m.	Wed., Sat.
Leave North Sydney	9:25 p.m.	Wed., Sat.
Arrive Port-au-Jacques	10:5 a.m.	Thurs., Sun.
Leave Port-au-Jacques	4:30 a.m.	Thurs., Sun.
Arrive St. John's	10:00 p.m.	Fri., Mon.

ST. JOHN'S, Nfld. TO BOSTON, Mass.

Leave St. John's	5:00 p.m.	Mon., Thurs.
Arrive Port-au-Jacques	6:00 p.m.	Tues., Fri.
Leave North Sydney	9:00 p.m.	Tues., Fri.
Arrive Toronto	6:30 p.m.	Wed., Sat.
Leave Toronto	7:25 a.m.	Wed., Sat.
Arrive St. John's	4:45 p.m.	Wed., Sat.
Leave St. John's	8:20 a.m.	Thurs., Sun.
Arrive Boston	6:00 p.m.	Thurs., Sun.
	6:55 a.m.	Fri., Mon.

BOSTON, Mass. TO ST. JOHN'S, Nfld.

Leave Boston	9:30 p.m.	Thurs., Sun.
Arrive St. John's	10:30 a.m.	Wed., Sat.
Leave Toronto	12:20 p.m.	Wed., Sat.
Arrive North Sydney	7:25 p.m.	Wed., Sat.
Leave Port-au-Jacques	9:25 p.m.	Wed., Sat.
Arrive St. John's	8:30 a.m.	Thurs., Sun.
	4:30 p.m.	Thurs., Sun.
	6:00 p.m.	Thurs., Sun.
	10:00 p.m.	Fri., Mon.

RUSSELL, General Manager
E. PATRICK, Asst. Manager
F. PITTMAN, General Passenger and Ticket Agent

of six. Under government by Commission, the Railway was maintained, but no improvements made.

A Modest Profit

During the war years (1939-1945), Newfoundland found itself a highly strategic piece of real estate. Passenger traffic doubled, as servicemen and construction workers were moved about the Island. Freight carried rose from 649,126 tons in 1938, to 930,151 tons in 1944.

On September 2nd, 1940, the 'Destroyers-for-bases' deal was made between the U.S.A. and Great Britain. American bases sprang up along the Railway, at Stephenville, Gander, Botwood, Argentia, and St. John's. \$45 million was spent on the Argentia U.S. Naval Air Station alone.

The Railway was in poor shape, but The United States Government, through lend-lease, and their involvement in the war effort made sure the needed improvements were made. For the first and last time the books showed a small profit.

Another major rehabilitation program was just as necessary after the strains of the war years. Track and bridges were upgraded, and coal burning locomotives were converted to oil.

A New Era

We are Canada's newest Province,
And no more are we alone.
Times have been so good to us,
Since the Maple Leaf came home.

L.Crew/Creemore Music.

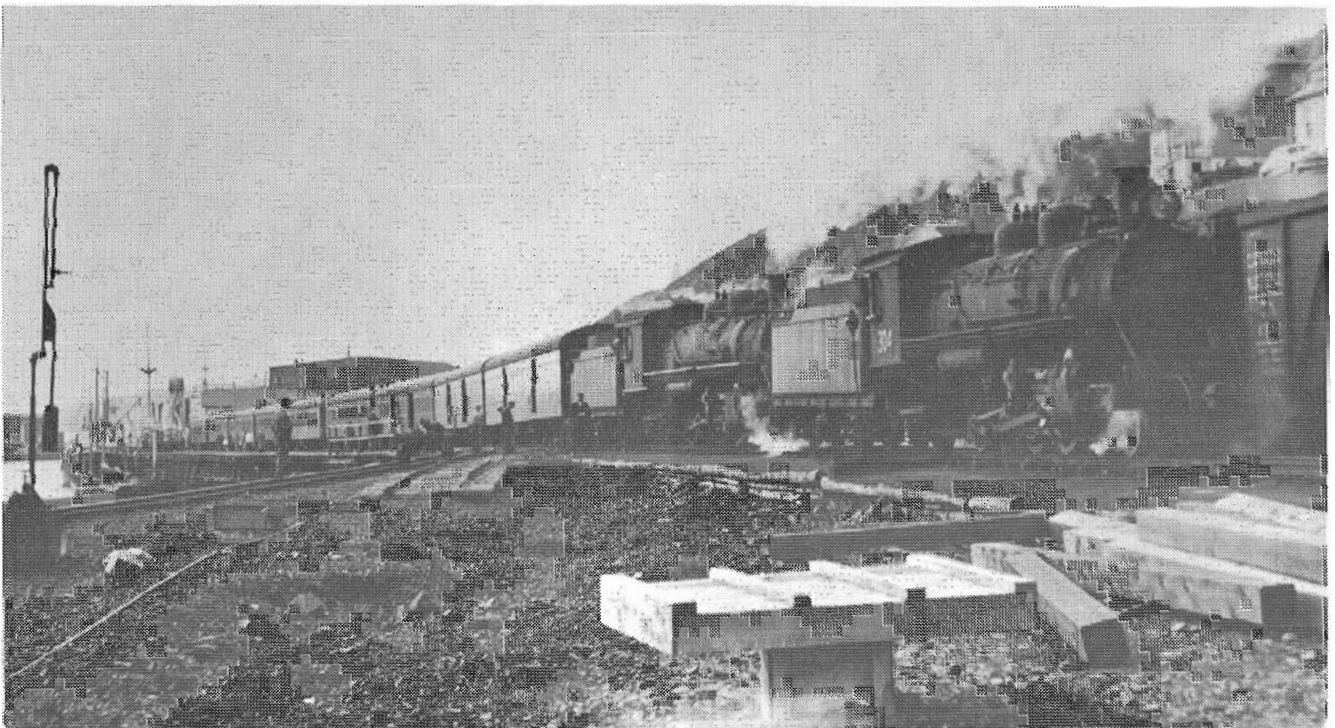
In 1949 all 350,000 Newfoundlanders joined Confederation, and Canadian National took over operation of the 700 mile railway system in Canada's tenth Province.

CNR continued the rehabilitation program and introduced modern maintenance and operating methods already used on the mainland System. There were about 3,500 Employees and by 1960, total payroll was \$10 million.

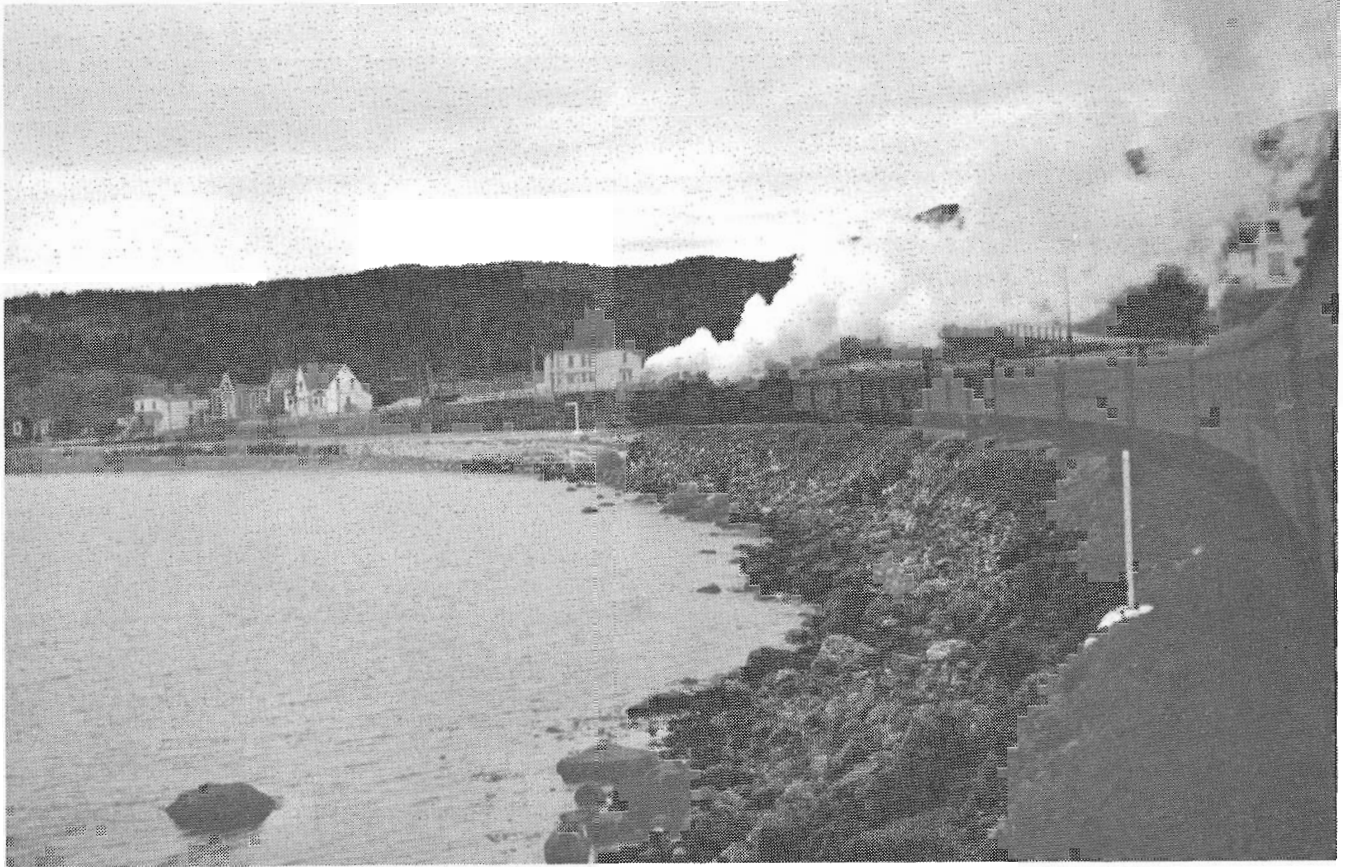
Traffic increased and steam locomotives were gradually replaced by diesel electric units from G.M.D. Ltd., during the years 1953 to 1956.

Track was elevated through the high barren, windswept Gaff Topsail area, to improve winter operating and improved, heavier snow plows were acquired.

Meanwhile the Trans-Canada two lane highway sections were steadily linked up and



*Double headed "Caribou" prepares to depart Port aux Basques in October 1954.
Photo CRHA Archives, E.A. Toohey Collection No. 54-106.*



*Two views along the line, North of Port aux Basques and at Grand Bay.
Photos CRHA Archives, E.A. Toohey Collection Nos. 54-114, 54-115.*

paved. The jaunty slogan of the Joey Smallwood Liberal Government was 'Yes We'll finish the drive in.... '65'.

They did. All 565 miles, and it was bad news for the Railway. Newfoundlanders took to cars and buses like ducks to water. By 1968, it was clear that now 22 hour train ride could not compete with 14 hours by bus. On June 30th 1969, the last passenger express train left St. John's for Port aux Basques.

Freight receipts also took a beating. In 1976 C.N. lost \$23 million on the Railway and \$70 million on the ferries.

A Federal Government Commission headed by Dr. Arthur Sullivan completed a study in 1979 and one recommendation was to phase out the Railway within ten years.

Response from the province was;- "It is the position of the Government of Newfoundland that our Railway should not be abandoned under any circumstances". The Federal Government agreed, and a separate division of C.N., called TerraTransport was created in March 1979.

One key to improved service: innovation

"This service (the Terra Transport container plan) provides a very flexible and intermodal means of moving freight both in and out of the province and between customers within the province. The service now being offered by Terra Transport has had a very high customer acceptance, and no wonder."

Those statements were made by Newfoundland Premier A. Brian Peckford during a speech last fall to the United Transportation Union in Corner Brook, Newfoundland. They symbolize the kind of acceptance the innovative use of containers has had in that province.

Terra Transport has announced a number of innovations and improvements for the full range of services it provides — Rail, Trucking, Express, and Roadcruiser, although this movement toward container use has been the most dramatic.

A historical perspective

Terra Transport with headquarters in St. John's was established in March of 1979 as a separate division of CN, with responsibility for Island-wide Rail, Trucking, Express, and Passenger Bus Services in Newfoundland. The immediate mandate of the division was to plot a course for revitalization since, over the years, many changes had occurred — including the loss of large volumes of traffic to competing carriers, and increasing financial deficits to CN Rail in 1982.

However, even before those organizational changes, the railway and coastal vessels had

been the transportation lifelines of Newfoundland. Those coastal ships linked the communities dotting the bays and inlets around the island, and the railway linked the inland communities around the province.

The railway station had become the focus for shipping, receiving and storage of customer traffic, with the agent's role including issuing train orders, sending telegrams, handling payroll, and keeping records of loaded and empty railcars.

In addition, the local agent provided a communication link with communities across the island and to the mainland, as well as controlled the movement of all trains.

Changing times

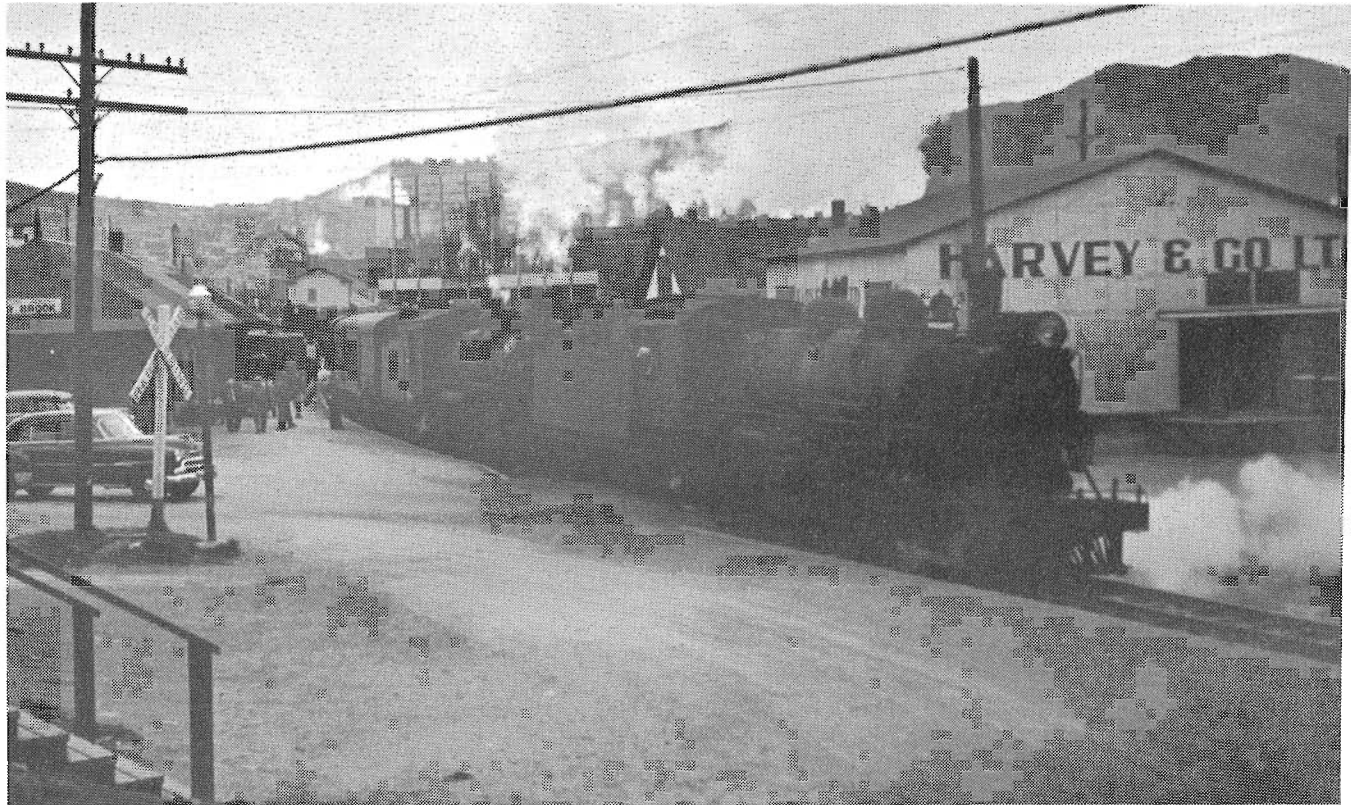
However, modern developments in technology brought many changes to that transportation/communication environment, including dial telephone service, computers, microwave towers, modern warehouses, improved handling techniques and the completion of the Trans Canada Highway.

These changes affected all modes of transportation in various ways, including truck, water, air and rail. CN Rail responded by introducing diesel locomotives, upgrading repair and maintenance facilities, acquiring modern track repair equipment, improving roadbeds and installing new bridges. In addition, a wheel-changeover facility was established at Port aux Basques to permit mainland cars to travel on Newfoundland's narrow gauge track.

Despite these changes, however, the railway started losing traffic at a tremendously high rate to the new steamship services out of Montréal and Halifax and to the truckers. CN Rail was not providing what the customer wanted in terms of flexibility, service and mode of transport.

The conventional railcar traffic moved directly to North Sydney, then was transported across the Cabot Strait on a railcar ferry to Port aux Basques. There the cargo had to be either transferred to Newfoundland railcars, or the actual railcar trucks changed so they could travel on the narrow gauge Newfoundland Railway. The maximum net weight on rail in Newfoundland was approximately 100 000 lbs. (45 400 kilograms). Altogether, an expensive, inconvenient, sometimes clumsy system.

The increasing problems associated with a changing transportation environment led to the appointment, by the Federal Government, of a Commission of Inquiry to study the total transportation environment in Newfoundland



*"The Caribou" at Cornerbrook, Nfld. in 1954.
CRHA Archives, E.A. Toohy Collection No. 54-119.*



*Mixed train with 594 at St. John's in October of 1954.
CRHA Archives, E.A. Toohy Collection No. 54-109.*

and Labrador. This Commission, which became known as the "Sullivan Commission," completed its study in 1978, and set forth, among its many recommendations, one in particular that applied specifically to the railway. Recommendation No. 29 stated:

"That plans be commenced now to phase out the railway in Newfoundland in approximately ten years..."

This recommendation was rejected by both the Federal and Provincial governments.

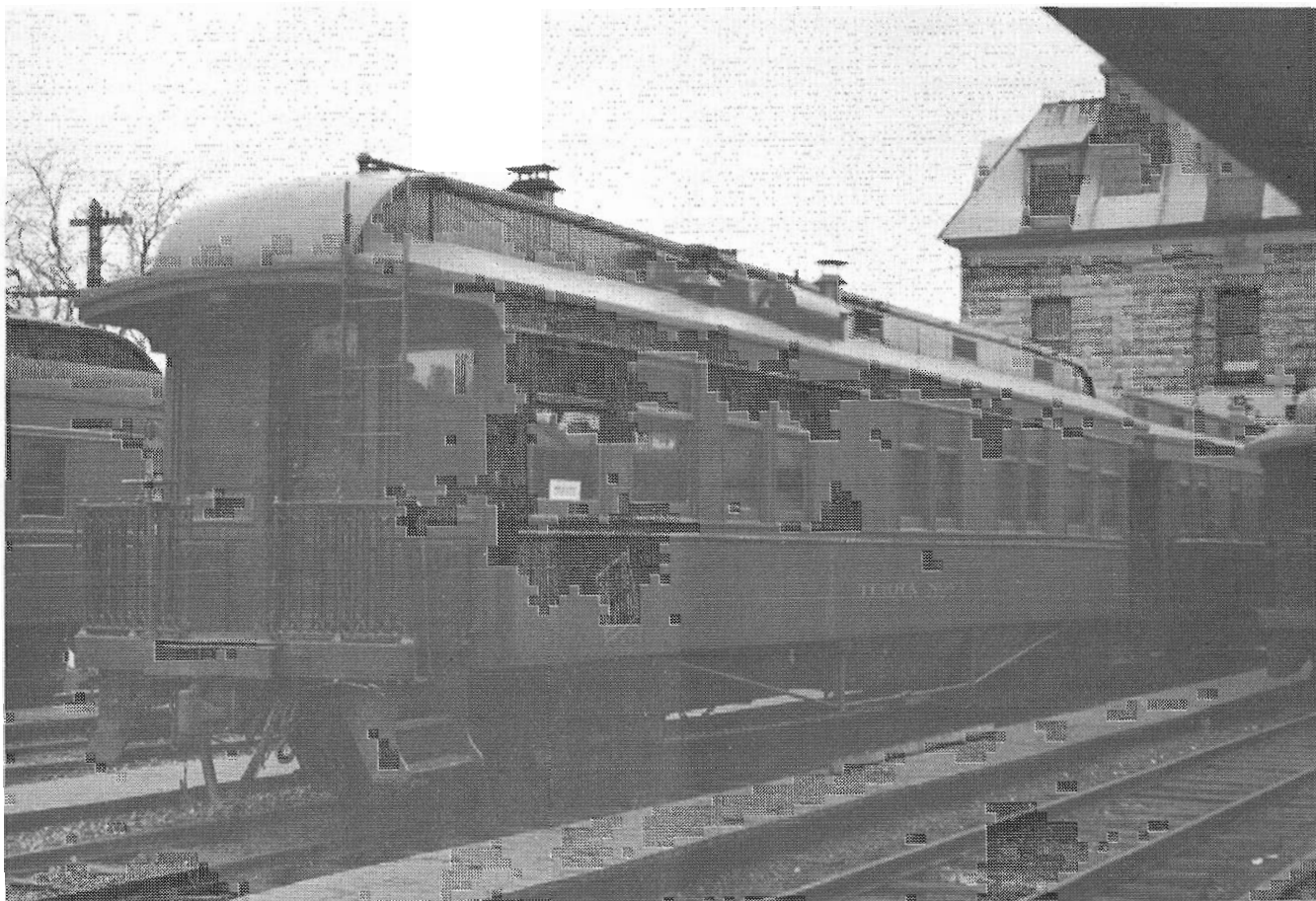
In November 1979, the Federal Government announced the funding for a five-year program to support "Revitalization of the Railway in Newfoundland." An amount of \$67 million was earmarked for new initiatives under a vigorous program of "testing and evaluation" of the railway to determine its longer term role within the total Newfoundland transportation environment. In addition, \$10 million was provided to assist employees likely to be affected by manpower adjustments.

The availability of funds was tied to the development and implementation of programs to improve the marketability and operational

effectiveness of the railway and to bring the financial deficit under control. The annual Newfoundland rail deficit of some \$30 million in 1979 was expected to increase to \$55-\$60 million in the next five years if no action was taken.

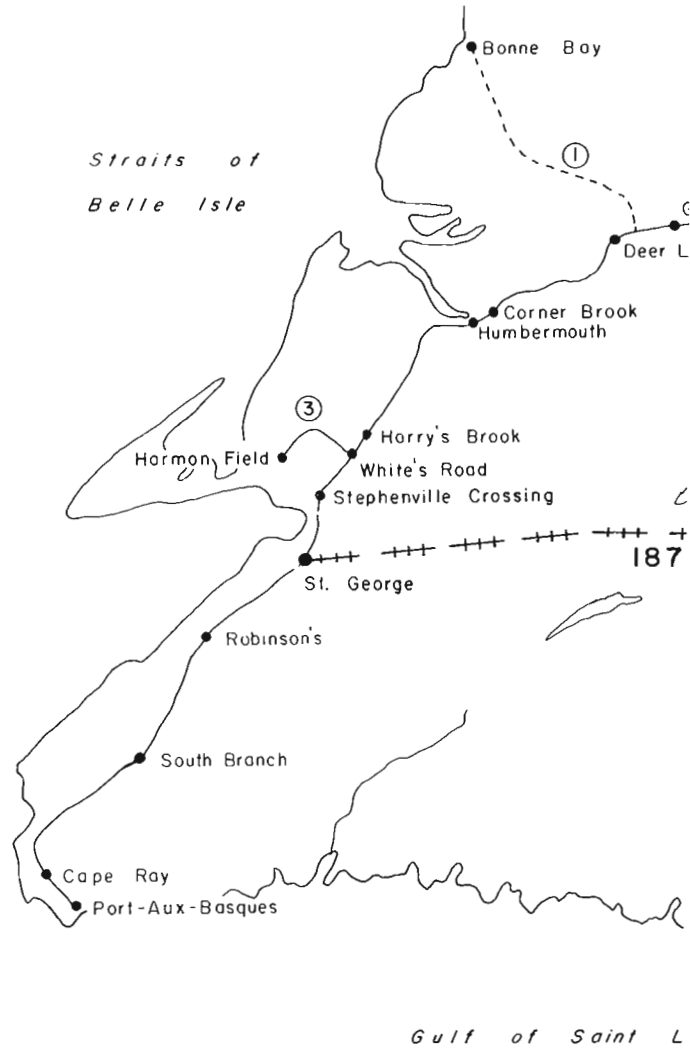
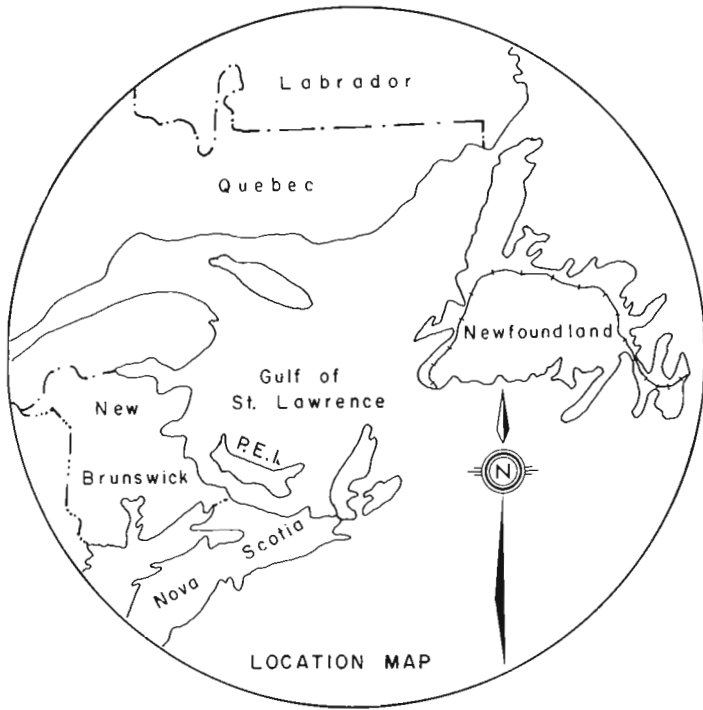
During 1980, Terra Transport's marketing function co-ordinated an extensive investigation of several strategic planning alternatives. According to Ed Roberts, manager, marketing, for Terra Transport at that time, these studies included market surveys, traffic flow analyses and competition studies. Included also were operational changes and new handling systems. The major objective, of course, was to determine a new long term role for the railway that would meet market requirements.

Four alternate plans were submitted to Transport Canada, and the Rail Container Plan provided not only the lowest cost option, but also the highest probability of meeting customer acceptance. Mr. Roberts stated that the container plan offered a number of significant advantages from a marketing and operational viewpoint:



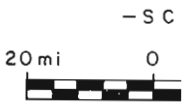
"Terra Nova" in St. John's in 1954. This private car is now preserved at the National Museum of Science and Technology in Ottawa.

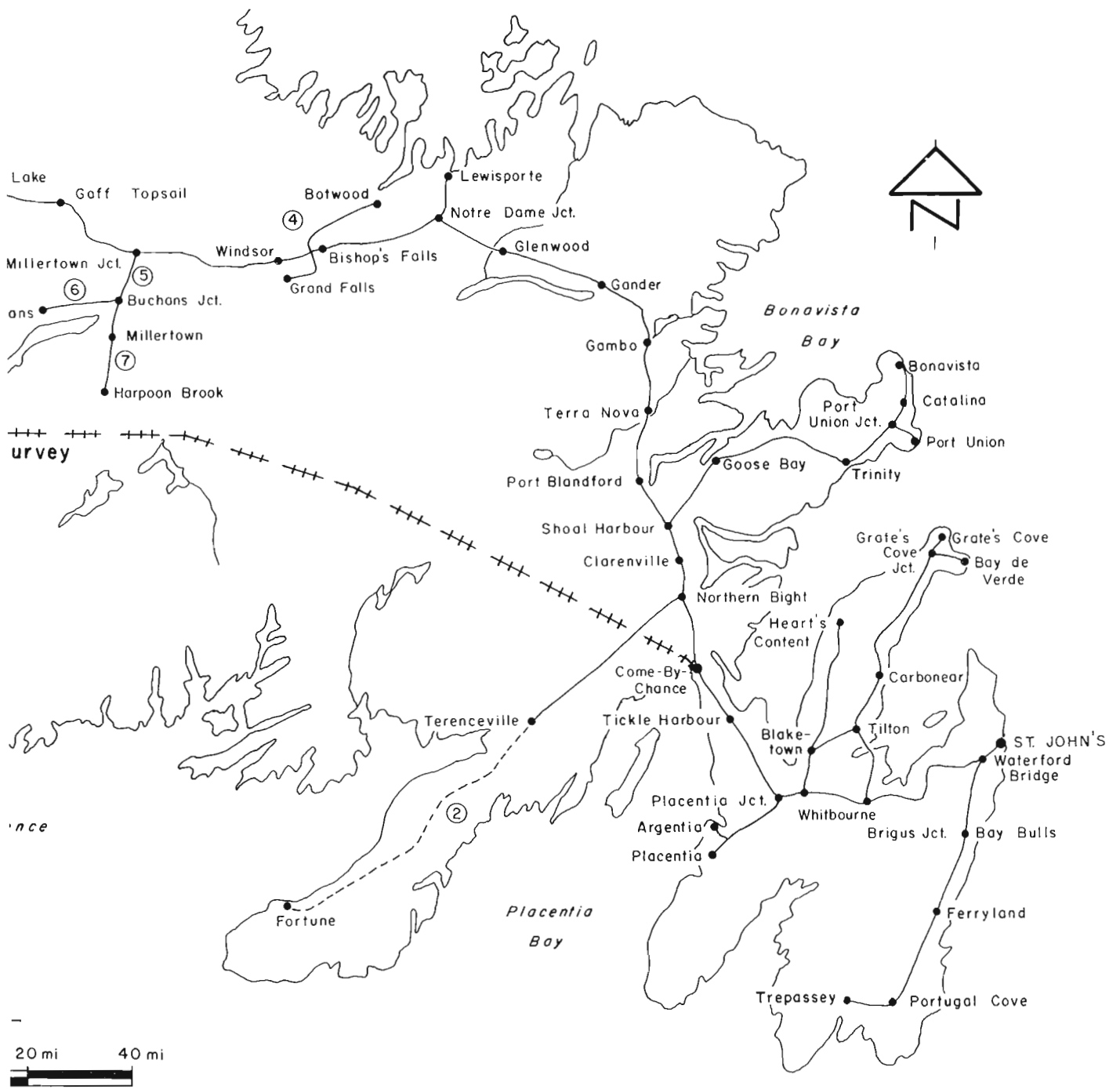
CRHA Archives, E.A. Toohey Collection No. 54-136.



- LEGEND -

- ① & ② : Planned but not built.
- ③ : U.S.A.F. Rly.
- ④ : G.F.C. Rly.
- ⑤ : Millertown Rly.
- ⑥ : Buchans Rly.
- ⑦ : Harpoon Tramway





Marketing

- Shippers were requesting a container service.
- Containers could provide door-to-door capability.
- Transit times could be reduced, while dependability would be improved.
- Delays on the Gulf would be minimized because of increased vessel flexibility.
- Trend to smaller lot size shipments and resulting reduced inventory costs.

Operations

- Expenses would be reduced through productivity improvements.
- Containers could move equally well on mainland or Newfoundland container cars so the narrow-gauge track would not be a problem.
- The program could be phased in, allowing for a "gradual and orderly switch from existing railcars to containers."
- The switch to containers would not affect conventional rail service within Newfoundland for moving pulpwood and cement.

In 1982, Terra Transport introduced its domestic container system, with its goal to convert all conventional railcar traffic to the new container system, and eventually eliminate the railcar ferry and truck-to-truck transfers.

Under this improved system, traffic from eastern Canada is placed directly into containers at origin and moved by highway to container terminals at Toronto, Montréal and Moncton. From there the containers move on railway flatcars to North Sydney where they are transferred to specially designed Gulf container truck chassis.

These containers are moved across the Gulf on any of CN Marine's existing truck and auto ferry services to Port aux Basques where the containers are transferred to the narrow-gauge 40-foot (12.2 metre) Newfoundland railcars for movement to container terminals at Corner Brook, Grand Falls, or St. John's. From there, the containers are delivered by highway to the customers' final destinations.

Although the containerization program is now available only for eastern Canadian traffic, plans are underway to also include traffic from western Canada and the United States. As part of that innovation, distribution centres and Cargo-Flo terminals are being established in the Maritimes. Cargo-Flo terminals provide services for handling both dry bulk flowables — such as cement, flour and fertilizers, and liquid products, ranging from acids to liquid detergents.

Expected to be complete by early 1984, these new facilities will make it possible for traffic to be

transferred from conventional railcars to containers for movement across the Gulf to Newfoundland.

The container service: A profile

The Terra Transport container service uses standard I.S.O. containers, both 20 feet (6.1 metres) and 40 feet (12.2 metres) long; the first, rated for 48 000 pounds (21 800 kilograms); the second, 60 000 pounds (27 200 kilograms). A triaxle, gooseneck chassis was designed to accommodate these heavy payloads for 40-foot equipment, allowing for maximum payload on highways and eliminating any road height or dock restriction problems.

To meet customer needs, Terra Transport has available a variety of container types, including 20-foot and 40-foot dry freight containers, and heated and reefer containers. A prototype SuperTherm container is now being tested.

A 20-foot roof hatch container for bulk commodities has been introduced, with both full and dump doors as well as a dump chassis to allow unloading wherever customers want the products. These features allow the container to be used for standard or bulk cargo, and the roof hatches allow the commodity to be loaded while on chassis or railcar. Disposable liners are used if the bulk cargo is corrosive.

A bulkhead flat container has also been introduced for forest products such as lumber and plywood, or other commodities such as pipe and structural steel. Permanent nylon strapping is used to secure the product, reducing shipper loading costs.

TerraTransport containers

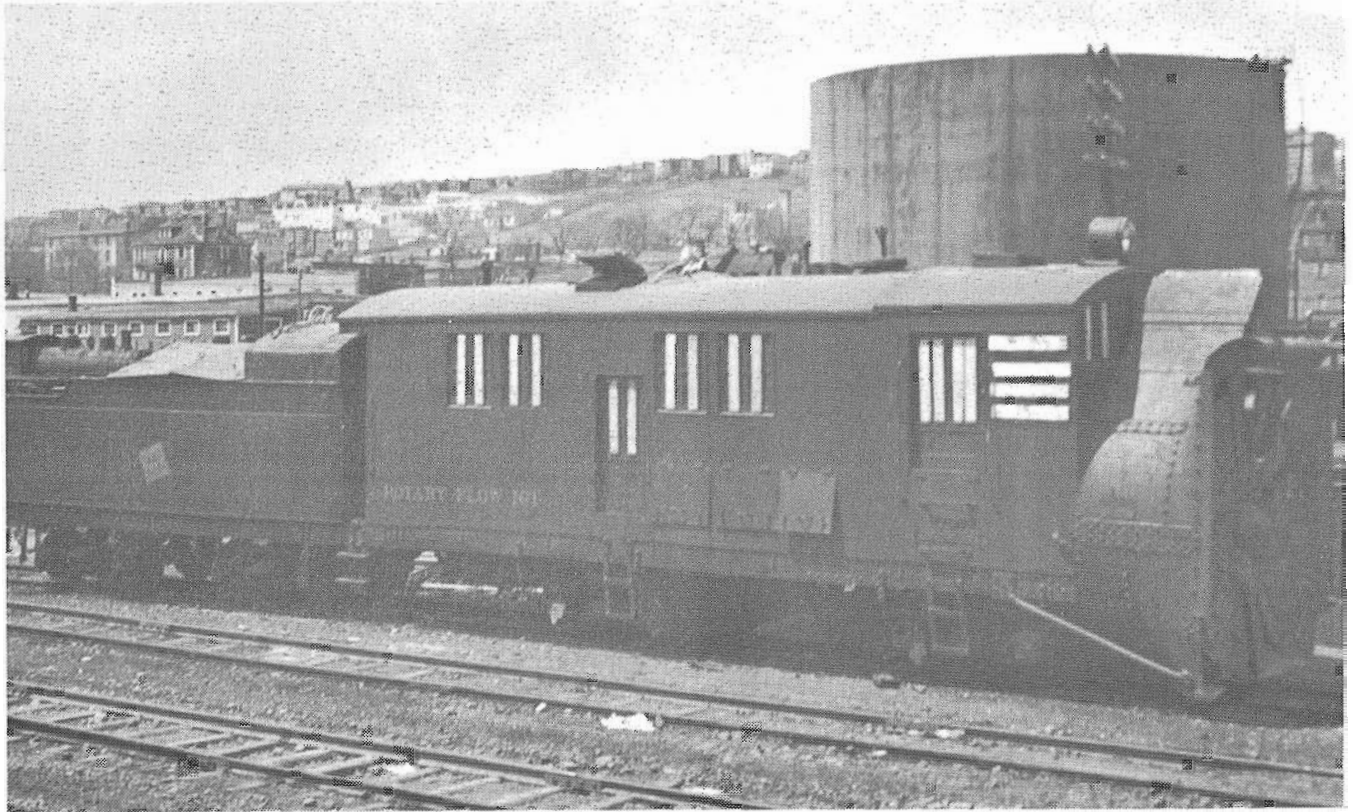
Since its introduction, the new container system has demonstrated a very high reliability factor, achieving a consistent seven-day transit time and, not surprisingly, has met with great customer acceptance.

Customers have commented on:

- Good service.
- Deliveries have been in very good condition.
- Time and scheduling have been excellent.

This customer acceptance has also been shown in the form of significant traffic growth. Many customers who had previously left the railway are now returning and once again CN Rail is regarded as providing a very acceptable transportation system into Newfoundland.

At present, TerraTransport has 1269 containers of various types, 13 front lifts, 661 chassis, and 35 tractors. Some \$34 million has been spent on equipment and terminals and \$16 million on phasing in labour adjustments. The



*The end of the era for the Nfld. Railways rotary snowplow.
CRHA Archives, E.A. Toohy collection No. 54-151.*

Division has now captured close to 40% of general traffic in Newfoundland.

Not everyone is happy about this. Atlantic Container Express Inc., an Ontario based trucking Company, complained to the CTC. that TerraTransport freight rates were too low and represented unfair competition.

On CBC. Radio January 14th 1985., President Peter Clarke of TerraTransport, confirmed the CTC had ruled individual rates should be increased from 2% to 39%, with an average rise of 15% to 25% in costs to Users. If these increases are implemented, TerraTransport could lose 30% of its Railway traffic. Presently they have been suspended until the Federal Court of Appeal can make a decision.

By the Fall of 1983, intermodal containers had been in use for 18 months or so, and a survey of 117 Customers was carried out.

106 Clients reported their business with TerraTransport had increased during this time. Six indicated a decrease in business, and there were five no change or don't knows. Security, minimal damage, efficient service and door to door delivery, were rated good to 'excellent.

The System continues to be modernised and trimmed. Replacement of cabooses by ETU's was announced in 1984 as the current objective.

The branch from Clarenville to Bonavista was closed entirely effective June 20th 1984.

The last mixed train fom St. John's to Carbonear, called the 'Shoreliner', covered the 80.1 miles in five hours on September 20th 1984. The train only stopped for ten minutes, when the two EMD G8 road switches 800 and 804 pulled out for the last historic run back to St. John's. The return fare was \$14.00. Freight only services continue on both branches.

It is still possible to take a ride on the Railway, but probably not for much longer. A passenger car is added to the rear of a daily main line freight, just between Bishops Falls and Corner Brook, and this service is mainly for the conveyance of cabin owners who have no road access.

Then there is the traditional 'Trouters' Special' run out of St. John's on the Victoria Day long weekend, dropping the 100 or so passengers off at their favorite fishing holes en route.



*CN Diesels being loaded in Montreal to replace steam on the Nfld. Railway.
Photo courtesy CN No. 52594-15.*

In Retrospect

These side trips will never compare with the 'Newfie Bullet', as the Newfoundland Express was dubbed by World War II Servicemen, in deference to its average speed of 10 MPH. C.N. later preferred 'The Caribou', but the 'Bullet' she was and always will be. A typical consist before C.N. began with Two Pacific locomotives, the mail car with all the Canadian or mainland mail and the express car for precious cargo i.e. liquor, cigarettes and ice cream. Next, a baggage car, two or three second class cars, three or four coaches with plush seats, then the famous Diner and last, the sleepers, with the tail end car usually observation-platform equipped, like the 'Fogo'.

Those who knew it then, remember the smoke, from the coal stove at the end of each car, from the tobacco and cigarettes, and if one opened a window, a face full of soot and engine smoke. Certainly the constant aroma of oranges, a must for children, before soft drinks were available.

They recall luggage blocking the aisles, and trying to keep ones feet walking to the Diner, through cars buffeted by high winds and

squealing round the innumerable curves, some angled as sharp as 14°. Then there were the songs, accordians, and the interminable card games on cardboard suitcases perched on someones knees and the delays, from wash outs, collisions with moose, impenetrable snow drifts and gale force winds. The Railway even had Windsniffer on the payroll for 30 years. Lauchie McDougall 1896-1965 at Wreckhouse, where 140 kilometer winds are known, would walk the track, and for \$140.00 a year, warned the Railway of impending winds liable to blow cars off the tracks.

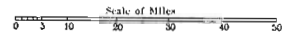
As a reminder of the old days, one steam locomotive is kept in South Brook Park, Corner Brook, by the City's Rotary Club, to whom it was donated by C.N. in 1958. All other steam locos were scrapped.

The Newfoundland Transport Historical Society are restoring three Railway cars at their Museum site in C.A. Pippy Park, St. John's, and expect to add two more, plus a diesel locomotive soon.

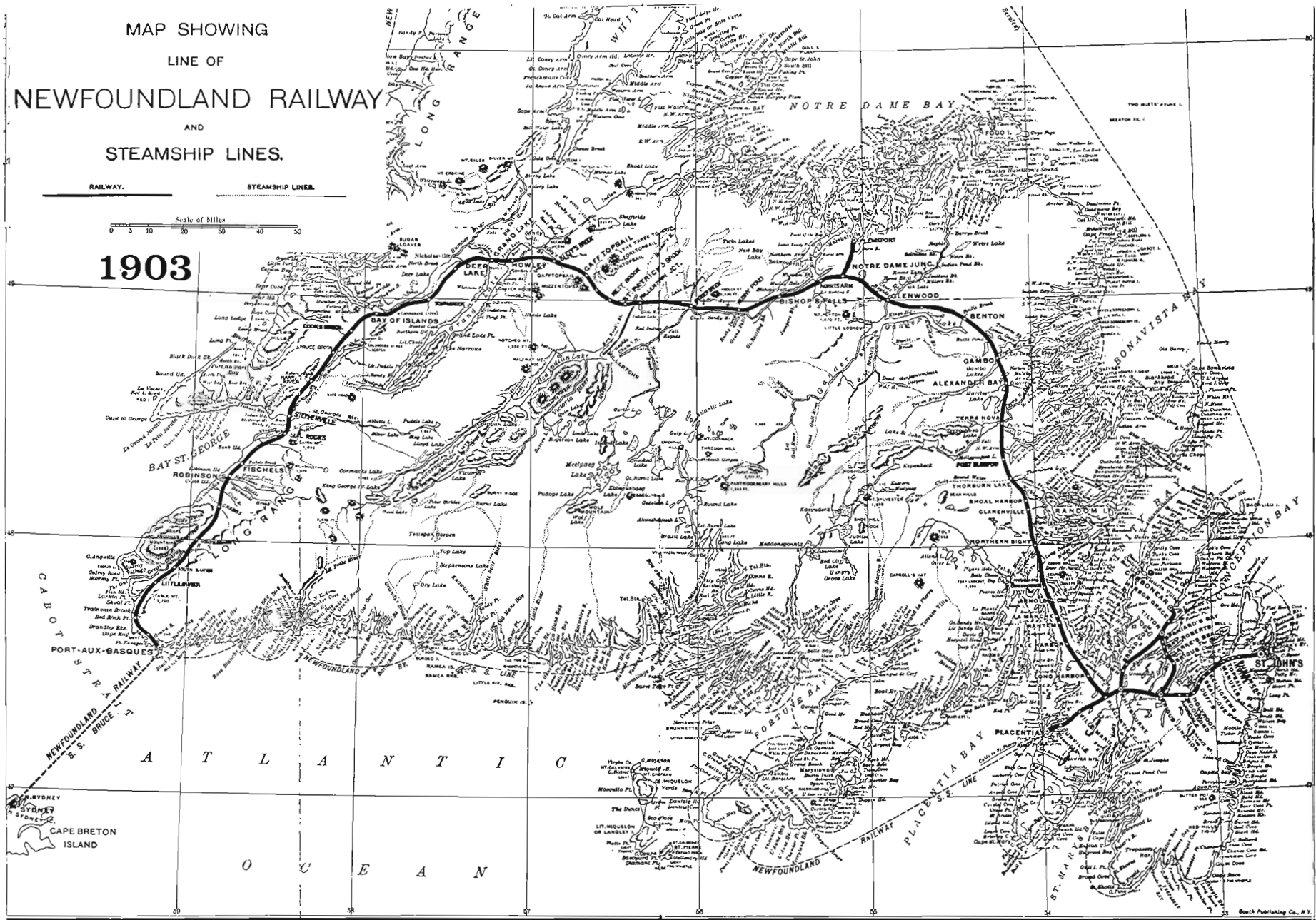
Today, TerraTransport is a modern, competitive rail freight transportation Division, fully computerised, and Trans Canada Highway users

MAP SHOWING
LINE OF
NEWFOUNDLAND RAILWAY
AND
STEAMSHIP LINES.

RAILWAY. STEAMSHIP LINES.



1903

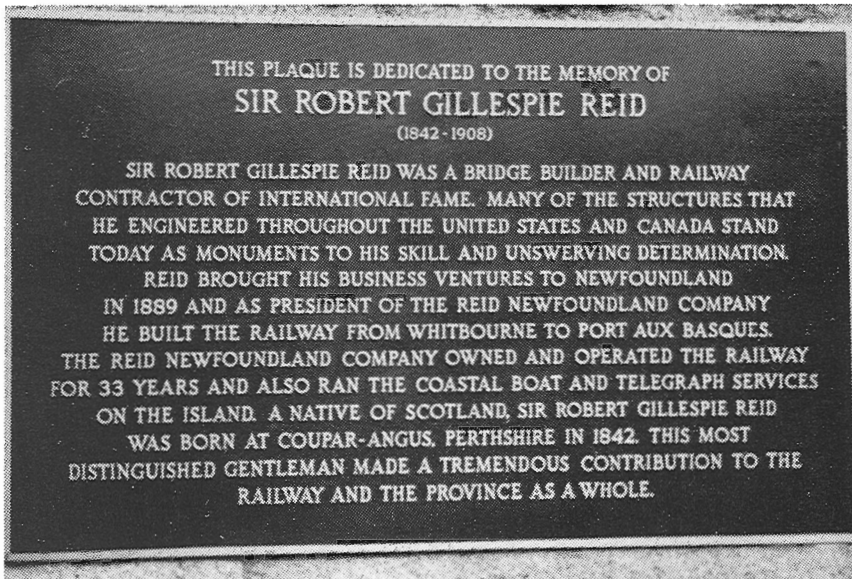




*CN 903 at the St. John's roundhouse in 1954.
CRHA Archives, E.A. Toohey Collection No. 54-154.*



*Less than a year before it was discontinued, the "Caribou",
more familiarly known as the "Newfie Bullet" is seen at Corner
Brook on October 6 1968.
Photo by Fred Angus.*



*A plaque on the Newfoundland Railway station in St John's.
This is in commemoration of Sir Robert Reid.
Photo by Fred Angus.*



*Sometimes the "mixed" train had no freight cars and was pure
passenger, as we see here, en route to Argentina, on August 23
1982.*

Appendix I. Locomotive Rosters

Motive Power:

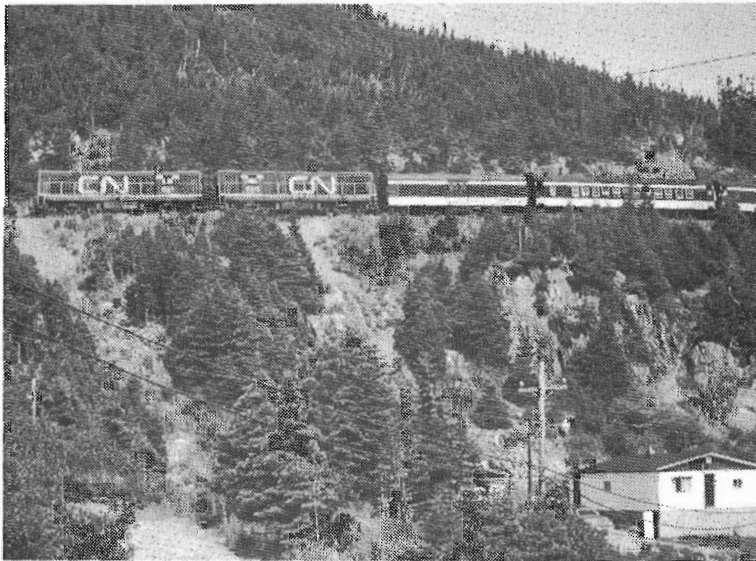
Notes on Locomotive Rosters: The lists are divided into four:

- (a) Steam locomotives Southern Division of the Newfoundland Ry.
- (b) Steam locomotives of the Northern Division of the Newfoundland Ry.
- (c) Steam locomotives of the Reid-Newfoundland Company and its successors up to the present time.
- (d) Internal combustion locomotives of the Newfoundland Railway and Canadian National Railways.

Lists (c) and (d) show two road number columns: that headed (1) is series in use until Canadian National Railways assumed control. List headed (2) is series devised and put into effect by C.N. in November 1950. It should be noted that C.N. locomotives 15-18 had numbers assigned but they were scrapped before these numbers applied. Locomotives shown as built by Reid-Newfoundland Company were built with parts supplied by Baldwin.

There is regrettably no information on individual scrapping dates for locomotives prior to 1949. In 1936, however, the following Newfoundland Railway locomotives were still in existence:

100 re#1; 107-109; 112-125; 151-153; 190-199; 1000-1003; --a total of 34 steam locomotives.



High above the rooftops the mixed train nears Argentia on August 23 1982.

Photo by Fred Angus.



One of the original Newfoundland Railway stations is that at Avondale, built in 1882, and here seen with the Carbonear mixed train on August 24 1982.

Photo by Fred Angus.

CANADIAN 174 RAIL

No. 100 re#1, built by Baldwin in 1898 was for many years assigned to yard service at St. John's and was known as "The Shunter". Only one ex-Newfoundland Railway steam locomotive has been preserved, No. 593, 4-6-2 type in Lady Bowater Park, Corner Brook, Nfld., through the efforts of the local Rotary Club.

Motive Power: Steam Locomotives

No.	Builder	Year	C/N	Type	Cyls.	Dri.	From	To	Notes
"HARBOUR GRACE RAILWAY" (Newfoundland Railway, Southern Division)(1881-1898)									
1	Haw.-Les.	1881	1884	0-6-OT	8x12"	27"	New	RNCo.#1	1898
2	Some, if not all, of these were 4-4-OT Hunslet 1872,							" #2	"
3	10x16", 42" purchased from the Prince Edward Island							" #3	"
4	Railway in 1881. Group may also have included one							" #4	"
5	or more unaccounted locomotives from the New							" #5	"
6	Brunswick Railway.							" #6	"
7	Haw.-Les.	1882	1885	2-6-0	13x18"	40"	New	RNCo#20	1898
8	"	"	1886	"	"	"	"	" 21	" A
9	"	"	1887	"	"	"	"	" 22	"
1/10	"	"	1888	"	"	"	"	x1887	
2/10	"	1888	2061	2-6-2	14x20"	42"	"	RNCo#23	1898
11	"	1882	1889	2-6-0	13x18"	40"	"	x1894	
12	Baldwin	1877-8		"	14x18"	41"	NBR	x ?	B

Notes: A- Named "St. Johns". B-#12 reported ex N.B.R. #9; other sources suggest it is N.B.R #10. (q.v.)

"PLACENTIA RAILWAY" (1886-1890); "HALLS BAY RAILROAD" (1890-1894);
 "NEWFOUNDLAND NORTHERN & WESTERN RAILWAY" (1894-1898)
 (Newfoundland Railway, Northern Division)

1	?	?	?	?	?	?	?		A
2	Baldwin	1889	10135	4-4-0	14x18"	48"	New	RNCo#43	1898
3	"	5/91	11851	"	"	"	"	" #41	" D
4	"	"	11859	2-6-0	16x20"	44"	"	" #60	"
5	"	7/91	12100	4-4-0	14x18"	48"	"	" #42	"
6	"	6/93	13519	2-6-0	16x20"	44"	"	" #61	"
7	"	"	13518	4-4-0	14x18"	48"	"	" #40	"
8	"	7/93	13566	2-4-2T	"	44"	"	" #8	"
9	"	"	13567	"	"	"	"	" #9	"
10	"	3/94	13968	0-4-2T	9x16"	33"	"	" #10	"
11	"	"	13976	2-6-0	16x20"	44"	"	" #62	"
12	"	4/97	15308	4-6-0	"	"	"	" #105	" B
13	"	"	15309	"	"	"	"	" #102	" C

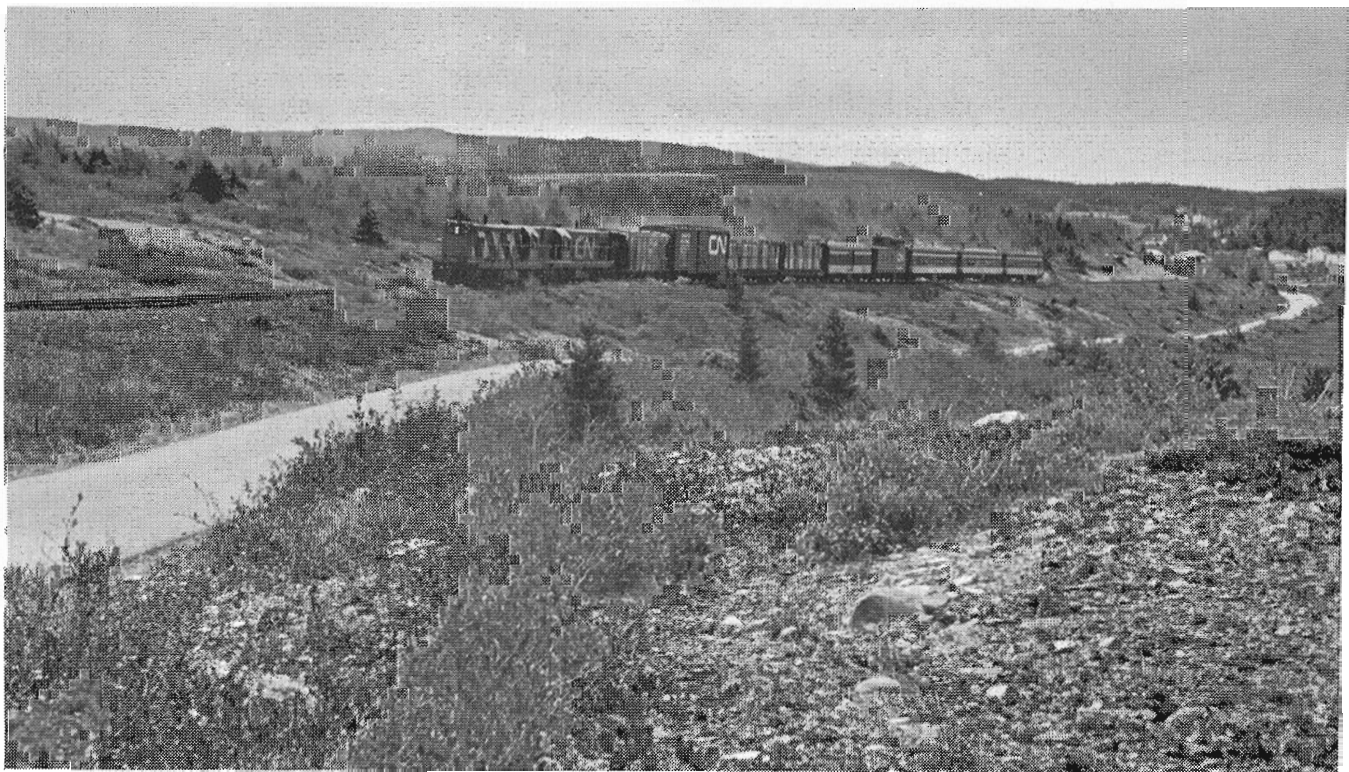
Notes: A- No information available. Could have come from same group as Nos. 2-6 of "Harbour Grace Railway". B- Named "Sir Herbert Murray. C- Named "Hon. Robert Bond". D- Named "Sir William V. Whiteway".

REID-NEWFOUNDLAND COMPANY (1898-1923)
 NEWFOUNDLAND RAILWAY (1926-1949)

NEWFOUNDLAND GOVERNMENT RAILWAY (1923-26)
 CANADIAN NATIONAL RAILWAYS (1949- @)

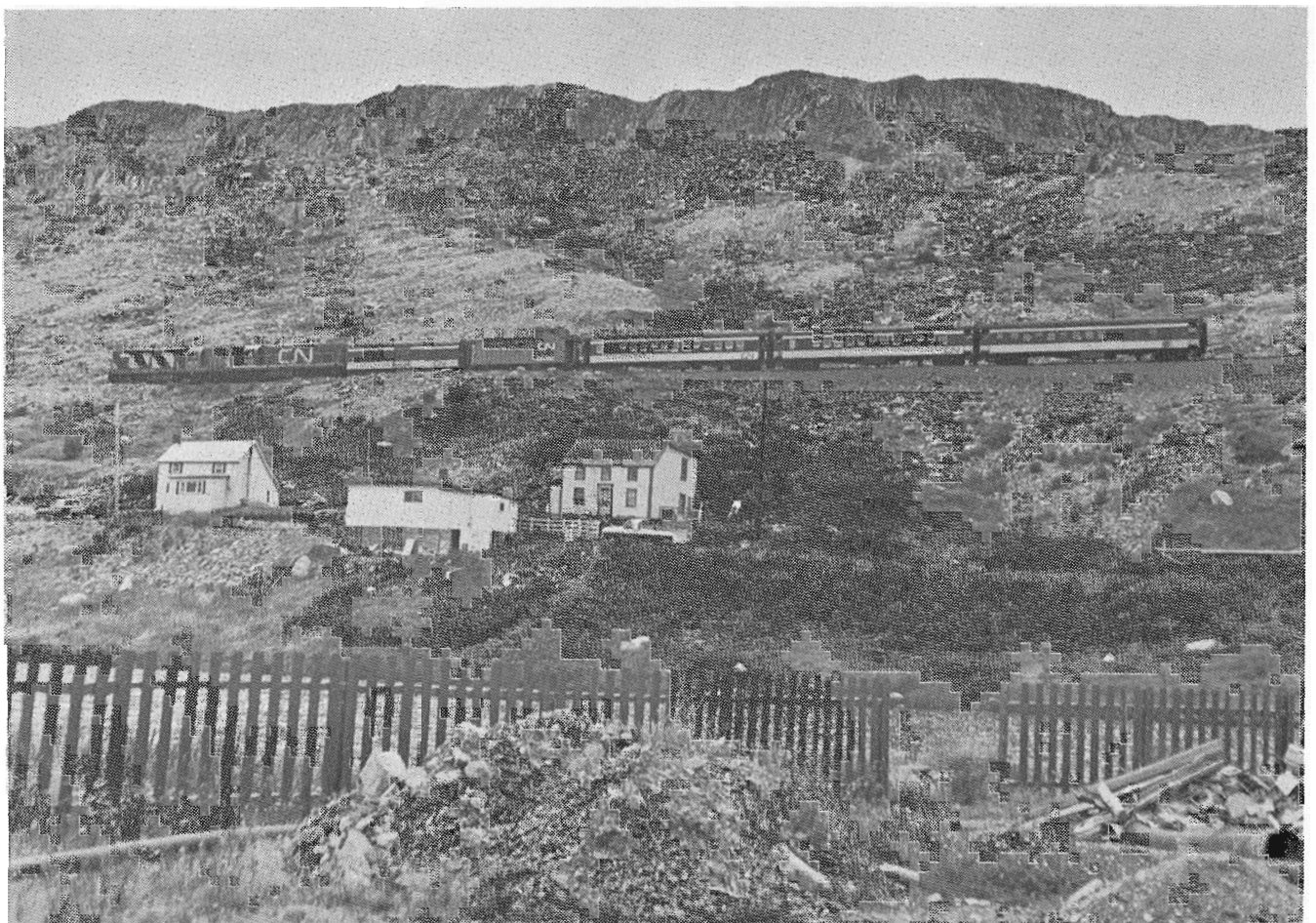


*THE CARBONEAR MIXED TRAIN near Holyrood on September 15 1984.
Photo by Omer Lavallée.*



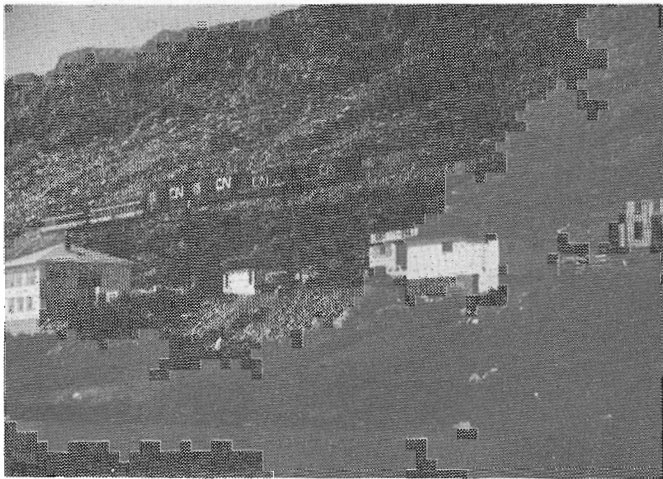
*NEAR CUPID'S the Carbonear mixed train passing through some typical Newfoundland scenery on September 15 1984
Photo by Omer Lavallée.*

(1)	Nos. (2)	Builder	Year	C/N	Type	Cyls.	Dri.	From	To	Notes	
1/1		Haw.-Les	1881	1884	0-6-0T	8x12"	27"	HGR #1 1898	Bot. #1 1898		
2/1		Baldwin	1898	16244	4-6-0	16x20"	44"	#100 1925.	x6/1939		
2)									(x1889		
3)		See comments under same numbers, "Harbour Grace Railway"								(x1891	
3)		One possibly sold to Millertown Railway instead of								(x1891	
5)		being scrapped, as noted.								(x1891	
6)									(x1893		
8		Baldwin	7/93	13566	2-4-2T	14x18"	44"	NN&W #8 1898	x1925		
9		"	"	13567	"	"	"	" #9 "	x1934		
10		"	3/94	13968	2-4-2T	9x16"	33"	" #10 "	Intl.P&P#1 19-?		
20		Haw.-Les	1882	1885	2-6-0	13x18"	42"	HGR #7 1898	x		
21		"	"	1886	"	"	"	" #8 "	x		
22		"	"	1887	"	"	"	" #9 "	x		
23		"	1888	2061	2-6-2	14x20"	"	" #10 "	x		
40		Baldwin	6/93	13518	4-4-0	14x18"	48"	NN&W #7 "	x		
41		"	5/91	11851	"	"	"	" #3 "	x		
42		"	7/91	12100	"	"	"	" #5 "	x		
43		"	1889	10135	"	"	"	" #2 "	Bot.#8 1918		
60		"	5/91	11859	2-6-0	16x20"	44"	" #4 "	x		



ONE OF THE MORE SPECTACULAR SCENES on the Newfoundland railway system is where the line skirts the cliff-side at Spaniard's Bay. Here we see the mixed train returning from Carbonear passing this scenic spot on September 15 1984.
Photo by Omer Lavallée.

(1)	Nos. (2)	Builder	Year	C/N	Type	Cyls.	Dri.	From	To	Notes
61		"	6/93	13519	"	"	"	" #6	"	x
62		"	3/94	13976	"	"	"	" #11	"	x
100		"	10/98	16244	4-6-0	"	"	New		re# 1 1925
101		"	"	16245	"	"	"	"		x
102		"	4/97	15309	"	"	"	NN&W #13 1898		x
103		"	10/98	16271	"	"	"	New		x
104		"	"	16272	"	"	"	"		x
1/105		"	4/97	15308	"	"	"	NN&W #12 1898		x
2/105		"	2/00	17510	"	"	"	New		re# 125 1918
106		"	"	17511	"	"	"	"		x
107		"	6/00	17832	"	"	"	"		x1939
108		"	"	17837	"	"	"	"		x
109		"	1/08	32576	"	"	50"	"		x1939
110		"	"	32577	"	"	"	"		x
111		R.-N.Co.	1911	1	"	"	"	"		x
112		"	1911	2	"	"	"	"		x
113	(15)	"	1912	3	"	"	"	CN F-3-a		x12/51
114	(16)	"	"	4	"	"	"	"		x12/51
115		"	1913	5	"	"	"	"		x by 1938
116		"	"	6	"	"	"	"		x1938
117	(17)	"	1914	7	"	"	"	CN F-3-a		x7/53
118		"	"	8	"	"	"	"		x1938
119		"	1915	9	"	"	"	"		x
120		"	"	10	"	"	"	"		x
121		Baldwin	10/17	46636	"	"	"	"		x1938
122	(18)	"	"	46637	"	"	"	CN F-3-a		x7/53
123		"	"	46638	"	"	"	"		x1939
124		"	"	46691	"	"	"	"		x
125		"	2/00	17510	"	16x20"	"	Ex 2/105		x1939
150		"	2/03	21597	2-8-0	18x24"	48"	New		x1934
151		"	"	21598	"	"	"	"		x
152	280	R.-N.Co.	1916	11	"	"	"	"	CN L-5-a	x4/55
153		"	"	12	"	"	"	"		x



The Carbonear mixed train going up the steep grade along the cliff at Spaniard's Bay on August 24 1982.

Photo by Fred Angus.



With the sea as a spectacular backdrop the mixed train nears the end of its trip to Carbonear. This scenic location is reachable only by a rough back road, but the view is well worth the effort to get there.

Photo by Fred Angus. August 24 1982.

Nos.		Builder	Year	C/N	Type	Cyls.	Dri.	From	To	Notes
(1)	(2)									
190	590	Baldwin	1920	54398	4-6-2	17x24"	52"	"	CN J-8-a	x4/57
191	591	"	"	54399	"	"	"	"	"	x4/57
192	592	"	"	54400	"	"	"	"	"	x4/57
193	593	"	"	54401	"	"	"	"	"	Preserved 11/58
194	594	"	"	54466	"	"	"	"	"	x8/58
195	595	"	"	54467	"	"	"	"	"	x4/57
196	596	"	1926	59531	"	18x24"	"	"	CN J-8-b	x3/57
197	597	Montreal	"	67129	"	"	"	"	"	x4/57
198	598	A.L.Co.	1929	67941	"	"	"	"	CN J-8-c	Bot.#598 3/57
199	599	"	"	67942	"	"	"	"	"	" #599 "
1000	300	"	1930	68400	2-8-2	"	48"	"	CN R-2-a	x6/57
1001	301	"	"	68401	"	"	"	"	"	x3/57
1002	302	No.Brit.	1935	24297	"	"	"	"	CN R-2-b	x5/57
1003	303	"	"	24298	"	"	"	"	"	x9/57
1004	304	"	1937	24436	"	"	"	"	"	x3/57
1005	305	"	1938	24521	"	"	"	"	"	x11/57
1006	306	"	"	24522	"	"	"	"	"	x3/57
1007	308	Montreal	1941	69444	2-8-2	18x24"	48"	New	CN R-2-c	Bot.#308 4/57
1008	307	No.Brit.	"	24667	"	"	"	"	CN R-2-b	x5/57
1009	309	A.L.Co.	"	69736	"	"	"	"	CN R-2-c	x5/57
1010	310	"	"	69737	"	"	"	"	"	x5/57
1011	311	"	"	69738	"	"	"	"	"	x5/57
1012	312	"	"	69739	"	"	"	"	"	x3/57
1013	313	"	"	69740	"	"	"	"	"	x6/57
1014	314	Montreal	1941	69695	"	"	"	"	"	x11/57
1015	315	"	"	69696	"	"	"	"	"	x6/57
1016	316	A.L.Co.	1944	71963	"	"	"	"	"	x8/57
1017	317	"	"	71964	"	"	"	"	"	x7/57
1018	318	"	"	71965	"	"	"	"	"	x7/57
1019	319	"	"	71966	"	"	"	"	"	x9/57
1020	320	Montreal	1947	75635	"	"	"	"	CN R-2-d	x7/57
1021	321	"	"	75636	"	"	"	"	"	x11/57
1022	322	"	"	75637	"	"	"	"	"	x10/57
1023	323	"	"	75638	"	"	"	"	"	x7/57
1024	324	"	1949	76333	"	"	"	"	"	x8/57
1025	325	"	"	76424	"	"	"	"	"	x9/57
1026	326	"	"	76425	"	"	"	"	"	x8/57
1027	327	"	"	76426	"	"	"	"	"	Bot.#327 4/57
1028	328	"	"	76427	"	"	"	"	"	x12/57
1029	329	"	"	76428	"	"	"	"	"	x11/57

Notes- A-Duplication of numbers account overlapping dates not explained.
 Dates of renumbering possibly incorrect. B- C/N also given as 17831.

Diesel Electric Locomotives

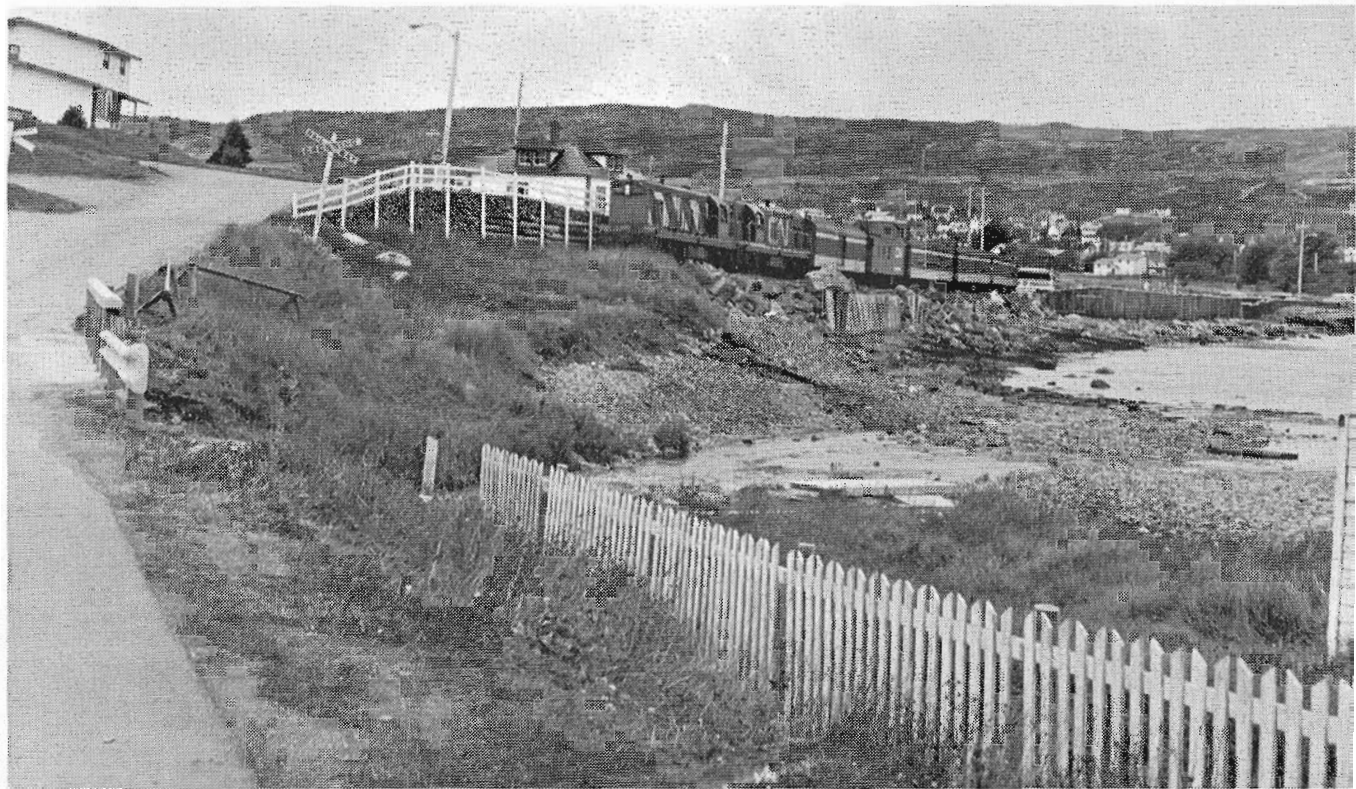
H.P.

5000	775	Gen.Elec	1948	29722	B-B	380	New	CN ES-4-a	sold 10/68	B
5001	776	"	"	29723	"	"	"	"	"	B
5002	777	"	"	29724	"	"	"	"	"	B
	800	G.M.D.Ltd.	1956	A923	C-C	875	"	CN GR-9-b@		
	801	"	"	A924	"	"	"	"	@	
	802	"	"	A925	"	"	"	"	@	
	803	"	"	A926	"	"	"	"	@	

(1)	Nos. (2)	Builder	Year	C/N	Type	H.P.	From	To	Notes
	804	"	"	A927	"	"	"	@	
	805	"	"	A928	"	"	"	@	
	900	"	1952	A303	"	1200	CN Y-4-a	then GR-12-a	@
	901	"	"	A304	"	"	"	"	@
	902	"	"	A305	"	"	"	"	@
	903	"	1953	A435	"	"	CN Y-4-b	then GR-12-b	@
	904	"	"	A436	"	"	"	"	@
	905	"	"	A437	"	"	"	"	@
	906	"	"	A438	"	"	"	"	@
	907	"	"	A439	"	"	"	"	@
	908	"	"	A440	"	"	"	"	@
	909	"	1956	A897	"	"	CN GR-12-g	@	
	910	"	"	A898	"	"	"	@	
	911	"	"	A899	"	"	"	@	
	912	"	"	A900	"	"	"	x4/57	A
	913	"	"	A901	"	"	"	@	
	914	"	"	A902	"	"	"	@	
	915	"	"	A903	"	"	"	@	
	916	"	"	A904	"	"	"	@	
	917	"	"	A905	"	"	"	@	
	918	"	"	A906	"	"	"	@	
	919	"	"	A907	"	"	"	@	
	920	"	"	A908	"	"	"	x4/57	A
	921	"	"	A909	"	"	"	@	
	922	"	"	A910	"	"	"	@	
	923	"	"	A911	"	"	"	@	
	924	"	"	A912	"	"	"	@	
	925	G.M.D.Ltd.	1956	A913	C-C	1200	New CN.GR-12-g	@	
	926	"	"	A914	"	"	"	@	
	927	"	"	A915	"	"	"	@	
	928	"	"	A916	"	"	"	@	
	929	"	"	A917	"	"	"	@	
	930	"	"	A918	"	"	"	@	
	931	"	"	A919	"	"	"	@	
	932	"	"	A920	"	"	"	@	
	933	"	"	A921	"	"	"	@	
	934	"	"	A922	"	"	"	@	
	935	"	1958	A1450	"	"	CN GR-12-p	@	
	936	"	"	A1451	"	"	"	@	
	937	"	"	A1452	"	"	"	@	
	938	"	1960	A1834	"	"	CN GR-12-x	@	
	939	"	"	A1835	"	"	"	@	
	940	"	"	A1836	"	"	"	@	
	941	"	"	A1837	"	"	"	@	
	942	"	"	A1838	"	"	"	@	
	943	"	"	A1839	"	"	"	@	
	944	"	"	A1840	"	"	"	@	
	944	"	"	A1840	"	"	"	@	
	945	"	"	A1841	"	"	"	@	
	946	"	"	A1842	"	"	"	@	

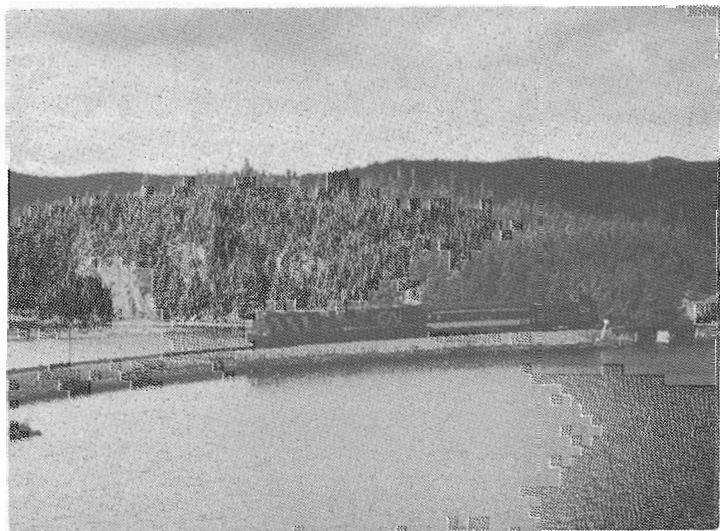
Notes: A- Collision 13 Sept.1966. B- Sold to Frederick & Associates, Atlanta, Ga., USA; then in 1969 to Northern Railway Co. of Costa Rica.

Steam Self-Propelled Cars: Five motor passenger cars built by Sentinel-Cammell of Great Britain. Two, Newfoundland Ry. "A" and "B" in 1923; three more, "C". "D" and "E" in 1925. Used in suburban services. Scrapped.



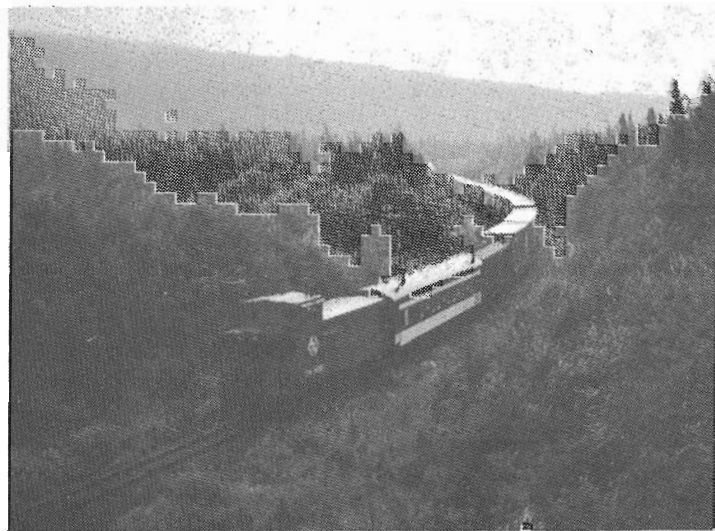
LEAVING CARBONEAR one of the last Terra Transport mixed trains is starting its return journey to St. John's on September 15 1984. The extra coaches were added to accommodate the numerous passengers wishing to take a last ride.

Photo by Omer Lavallée.



The "Only on Wednesday" Bonavista train crossing a causeway near Trinity on August 25 1982.

Photo by Fred Angus.



The only remaining passenger train service in Newfoundland is the coach that runs on the main-line freight train between Bishop's Falls and Corner Brook. Here we see it on August 26 1982 between a small box car and the van.

Photo by Fred Angus.

Appendix II. Containers Container Handling Equipment

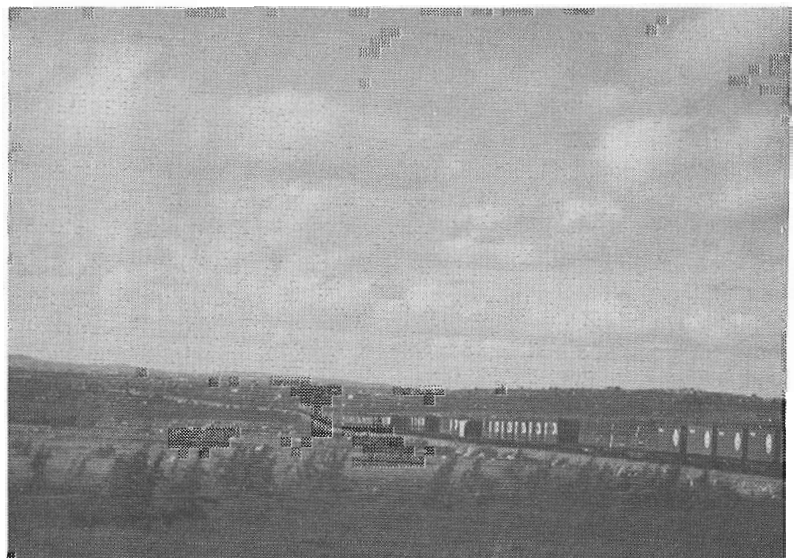
Containers by type:

20 foot Dry	200
20 foot Tank	2
20 foot Roof Hatch	100
20 foot Bulkhead	1
20 foot Heated	1
20 foot Roof Hatch Hopper	1
40 foot Dry	650
40 foot Heated	51
40 foot Heated (Intra Nfld.)	30
40 foot Reefer	101
40 foot Bulkhead	131
40 foot Supertherm	1
Total	1,269

(a) Chassis	661
(b) Front Lift Units	6
(c) Side Lift Units	7
(d) Tractors	35
(e) Yard Brutes (Yard Tractor)	6
(f) Dolly — Converters (Trailer Trains — Highway)	6

Acknowledgements to the following Works on which I have drawn liberally;-

1. 'The Newfoundland Railway 1881-1949'. by J.K. Hiller. Newfoundland Historical Society Pamphlet Number 6. 1981.
2. 'Centennial Newfoundland Railway 1881-1981'. Copyright (c) 1981. A.R. Penney. Published by Creative Printers.
3. Narrow Gauge Railways of Canada by Omer Lavallée. Copyright 1972 Railfare Enterprises Ltd.
4. Les Harding, writing in The Newfoundland Quarterly Spring & Summer Issue 1982.
5. 'The Book of Newfoundland'. J.R. Smallwood (Ed).
6. 'Movin' magazine.
7. Report of The Joint Consultative Committee of TerraTransport into the use of rail containers FEB 1984.
8. C.B.C. Radio 'The Way We Were' program May 5th 1984.
9. The Evening Telegram, St. John's.
10. The Trinity-Conception Compass.



*Up and over the barrans near Gaff Topsail a 60-car freight train with a single coach at the end. One can easily see the amount of freight handled over this line.
Photo by Fred Angus.*



The Terra Transport yards at Port Aux Basques. Note the dual-gauge track.

Photo by Fred Angus. August 22 1982.



*Terra Transport in 1985, locomotive 937 and container train.
Photo courtesy CN, No. E4168-2.*



*Off loading containers in St. John's.
CN photo No. 82012-1.*

BACK COVER:

*Mixed train on the Newfoundland Railway at Holyrood.
Photo courtesy of CN No. X34651.*

Canadian Rail

P.O. Box 282 St. Eustache, Qué., Canada
J7R 4K6

Postmaster: if undelivered within
10 days return to sender, postage guaranteed.

