

The New Zealand Railway Observer

ISSN 0028-8624

Volume 55

Issues 233 to 236

New Zealand Railway and Locomotive Society Incorporated
PO Box 5134, Lambton Quay, Wellington 6145, New Zealand

Principal Contents

Tranz Rail – Benefiting from Worldwide Associations (Dr M.A. King)	7
A New Bridge Over the Te Henui (W.N. Derbyshire)	12
Archives – Delights, Challenges and Horror Stories:	
A Day at the Office (Peter Moyes)	14
Shifting Climax 1317	22
Research Notes: No 91, Fraud, A Disaster and John Carruthers (Rob Merrifield)	25
No 92, That Westinghouse Petrol-Electric Railcar (T.A. McGavin)	53
No 93, First Units to Paekakariki (T.A. McGavin)	102
No 94, The Greymouth Section of the NZR (T.A. McGavin)	147
Banking the "Night Limited" (M.B. Signal)	26
From the Past: Two Stations	30
Tasmanian Railways (S. Zvillis)	46
One Bridge – Two Accidents	51
Military Railways – Wellington's Defence Tramways (Paul Napier)	54
Running a Royal Train in the Indian Summer of the Empire (Michael Reid)	62
A Bush Tram in the Wellington Region (D.R. McQueen)	91
Bridging the Tangarakau (T.D. Selby)	95
A Great Adventure – North Island Main Trunk Journey	105
The 1998 A. & G. Price Restoration Award (T.A. McGavin)	107
Davidson's Bush Locomotives – Part 4: Special 12-Wheelers (Peter Dyer)	126
Mechanical Repeater Signals (J.A.T. Terry)	130
Mallet Power	134
Henry's Wonderful Model T	135
Here Comes The Circus – Part 1 (G.T. Carter)	142

Regular Features

Down at the Station	31,	68,	109,	149
Letters	36,	75,	116,	156
Miscellaneous Announcements		78,	85,	156
Observations	5,	45,	85,	125
Railway Books		74,	115,	154
Railway Oddities	38,	78,	118,	158
Research Notes	25,	53,	102,	147
The Best Of	17,	57,	96,	137

INDEX

Issues 233 to 236

Note: Page numbers in **bold type**
indicate an illustration or
an illustrated article.

Accidents:

Manawatu Gorge Derailment	114, 157
Milk Train Derailed	152
Ngaruawahia Bridge Derailment	51
'Southerner' Derailed	109

Authors:

Boddy, Robin	153
Carter, G.T.	142
Derbyshire, W.N.	12
Dyer, Peter	126
King, M.A.	7
McGavin, T.A.	53, 102, 107, 147
McQueen, D.R.	91
Merrifield, Rob	25, 86
Moyes, Peter	14
Napier, Paul	54
Reid, Michael	62
Selby, T.D.	95
Signal, M.B.	26
Terry, J.A.T.	130
Zvillis, S.	46

Book Reviews:

A Compendium of Railway Construction: Part 3 – Nelson and West Coast Region	154
Auckland's Railway Workshops	74
Cagney's Locomotive Works	155
Era of the Bush Tram in New Zealand ..	154
Exploring New Zealand's Ghost Railways	74
Fares Please	74
Heartland Express	115
New Zealand Railways Freight Rolling Stock Plan Book Volume 2	115
Railway Wagons of New Zealand, Part 1: Specific Purpose Freight Wagons	115
TGR to Tasrail – Three Decades of Change	155
Viaducts Against The Sky – The Story of Port Craig	155
Wellington Railway Memories	74
W.W. Stewart – 20th Century New Zealand Railway Painter	115

Branch Lines:

Blackball Branch	41
Dargaville Branch	68
Foxton Branch	98
Glen Massey Branch	97
Johnsonville Branch	109
Murupara Branch	24, 31
Rewanui Branch	38
Tairāhiti Gorge Railway	114
Thames Branch	24
Waikareka Branch	36
Waikare Branch	135
Wyndham Branch	135

Bridges and Viaducts:

Bridge on Blackball Branch	41
Bridging the Tangarakau	95
Makatote Viaduct	140-141
Manawatu Gorge bridges	1, 139
Ngaruawahia Bridge	51, 52
Ngaauranga Gorge Overbridge	9
Omihi Stream Bridge	124
Otaki River Bridge	18
Te Henui Stream Bridge	12-13

Circus Trains:

Here Comes The Circus	142-146
-----------------------------	---------

Diagrams and Maps:

Campbell's Bush Tramway	91
Class DA Diesel-Electric Locomotive	73
Class DQ Diesel-Electric Locomotive	72
Davidson 1913 Geared Bush Locomotive	127
LSM Tank Container on OM wagon	35
Proposed Mallet Locomotive	134
Schoma CFL-180 DCL diesel-hydraulic locomotives	113
Shell Trolley for 6-inch Gun	55
Zephyr S.p.A. locotractor	113

Electric Traction:

Class ED locomotive hauling a Wellington-Paekakariki suburban train	103
Class EF locomotive hauling a coal train during acceptance trials	19
First Units to Paekakariki	102
Ganz Mavag EMUs ..	4, 33, 37, 73, 103, 112

Financial:

Economic Downturn Results in Job Losses	149
Tranz Rail's Annual Result	112
Tranz Rail's Half-Year Financial Report ..	72

Freight Services:

Barge Coal from Westport	110
Barley to go by Rail	114
Central North Island Logging Traffic	34
Coal Trains	11, 114, 152
Express Freight passing through Manakau	4
Log Trains at Tahuna	31, 152
Milk Trains	7, 31, 72, 111, 114, 137
Mission Bush - Mt Maunganui steel train approaching Te Rapa	77
New Christchurch Freight Yard Opens ..	150
Northbound Freight passing through Levin	11
Picton-Middleton Freight crossing Omihi Stream Bridge	124
Southbound Freight at Spyre	124
Special trains during Auckland power blackout	33
Te Awamutu-Mission Bush lime train at Te Rapa	109
Wellington-Auckland Express Freight crossing Ngaauranga Gorge Bridge	9
Wellington-Westfield Express Freight diverted through Manawatu Gorge	1

Historical Notes and Illustrations:

Auckland Railway Station for Student Accommodation	110
Auckland-Wellington "Daylight Limited" heading towards National Park, c. 1932	29
Auckland-Wellington Express passing Otahuhu, late-1950s	98
Auckland-Wellington goods hauled by English Electric Class DF locomotive, 1955	139
Battery-electric Class EB shunting locomotive	57
"Blue Streak" Express Railcar	51
Christchurch-Dunedin Relief Express departing Timaru, 28 Jan. 1956	82
Christchurch-Picton goods north of the Ure River, April 1980	18
Christchurch railway yards, 21 Aug 1965	138

Class AB locomotive at Napier, 1 April 1961	99
Class DX locomotive at Westfield Depot, Feb 1976	17
Class EF locomotive on an acceptance trial at Erua, March 1988	19
Class JA locomotives at Auckland Locomotive depot, June 1965	42
Commemorative painting of Driving Last Spike, North Island Main Trunk Railway	81, 120
Dinner Menu, Frankton Junction Dining Room, c. 1939	106
English Electric EMU on official demonstration run at Paekakariki, 1 Sept 1949	103
Goodman battery-electric locomotive at Frankton, 1975	17
Goods train about to depart Otira, early-1960s	40
Goods train at Avondale Station, late 19th Century	30
Goods train between Otaki and Manakau, 7 Jan 1976	117
Goods train bound for Waimate at Studholme Junction, 3 Jan 1958	82
Goods train crossing Makatote Viaduct, 13 May 1985	140-141
Goods train departing Frankton, 4 July 1964	2
Goods train ready to depart Taumarunui, early-1940s	27
Hokitika-Greymouth With Car Goods at Gladstone, 27 Oct 1956	84
Lake Wakatipu steamer <i>Ben Lomond</i> ..	152
Last tablet worked train on Thames Branch, April 1990	24
Mixed Goods north of Taumarunui, Late-1930s	28
Napier-Palmerston North Goods passing through Manawatu Gorge, 28 June 1988	139
Northbound goods train passing through Aramoho, July 1985	34
NZR staff at Queenstown posed in front of t.s.s. Earnslaw, Dec 1928	14
Ormondville Station, exterior and interior	153
Otaki Railway Station bookstall, 1935 ..	16
Palmerston North-Te Rapa Goods between Porotara and Mangapehi, July 1984	121
Palmerston North-Wellington Sunday train departing Longburn, Jan 1960 ..	97
Passengers awaiting a train at Okoroire ..	30
Research Notes:	
No 91 – Fraud, A Disaster and John Carruthers	25
No 92 – That Westinghouse Petrol-Electric Railcar	52-53
No 93 – First Units to Paekakariki ..	102
No 94 – The Greymouth Section of the NZR	147
Ross-Greymouth Mixed with NZRLS Westland Rail Tour cars attached departing Hokitika, 6 Jan 1958	88
Royal Trains in the South Island	62-67
"Silver Star" Express	51, 106
"South Island Limited" Express passing Pukeuri, 2 Sept 1969	137
Springfield-Christchurch Mixed Trains	57, 59

Streamlined Class KA Locomotives at Wellington Locomotive Depot, March 1940	42
Suburban passenger train at Newmarket, Sept 1963	2
Swanson station and signalbox, 15 April 1970	133
Taumarunui Locomotive Depot in the late 1930s	26
The Hong Kong Connection	78
The Rewanui Ambulance	38
Train of empty coal wagons hauled by Class WW Locomotive, Dec 1968	20
Train of empty hopper wagons arriving at Blackball, hauled by Class UC locomotive, 1959	41
Train on Glen Massey Branch, 1958	97
Wellington-Auckland Express ready to depart Thorndon, 1910	105
Wellington-Auckland "Scenic Daylight" Express approaching National Park, 1963	100-101
Wellington-Masterton passenger train passing through Waterloo, 1965	99
Wellington-New Plymouth Relief Express ascending Westmere Bank, 1 Sept 1961	137
Wellington-Paekakariki suburban train north of Pukerua Bay, c 1950	103
West Coast Express at Addington	60-61

Industrial Railways, Tramways and Locomotives:

A Bush Tram in the Wellington Region	91-94
Davidson Special 12 Wheeler locomotive hauling logs from the bush	128
Davidson Special 12 Wheeler locomotive with Dispatch boiler	126
Dispatch boiler from Special 12 Wheeler at Horopito, 1955	128
European Locomotives at Manapouri Power Station Project	113
Manawatu Bluestone Quarry Company tramway at Paekakariki, Aug 1934	15
Military Railways - Wellington's Defence Tramways	54-56
New Zealand Forest Products Ltd diesel-hydraulic locomotive at Kinleith	80
Railed tractor, Campbell's bush tramway	93
Remains of Special 12 Wheeler at Hihitahi	129
Smyth Brothers and Boryer Ltd Climax locomotive at Ngaroma	22-23
Tasman Pulp and Paper Company Class DA locomotive at Kawerau	117
Thomas Borthwick and Sons' Class D locomotive at Belfast	58
Watercare Service Tramway	70
Whakatane Board Mills Line	36

Interisland Line:

Aratere Launched	110
Clifford Bay Terminal Developments	151
Construction of Aratere	71
"Lynx" Season	149

Letters:

Lowering of Tunnels	75
Matching Slogans	116
Pahiatua Turntable	116, 156
Royal Trains	116
Victorian Business Practices	75
Waiareka Branch Line	36
Whakatane Board Mills	36

Locomotive Articles:

Banking the "Night Limited"	26-29
Davidson's Bush Locomotives - Part 4: Special 12 Wheelers	126-129
Mallet Power	134
Restoration Award - Steam Incorporated's ex-NZR JA 1271	107-108
Shifting Climax 1317	22-23

Locomotive Notes and Illustrations:

DA	100, 117, 125, 144
DBR	24, 68
DC	4, 69, 109, 110, 139, 152
DE	2, 63, 99
DF (English Electric)	2, 63, 139
DF (General Motors)	9, 31, 77
DFT	1, 4, 7, 9, 69, 77, 114, 124, 137
DG	18, 64, 65
DH	110
DJ	18
DQ	1, 7, 9, 72, 104, 137
DSC	138
DX	4, 9, 10, 11, 17, 34, 69, 71, 77, 110, 121, 124, 140-141
DXR	149
EB	57
QR	1, 8, 11, 72, 124
EC	138
ED	102, 103
EF (Class 30)	19
EO (English Electric)	65
A (4-6-2)	14, 40, 82, 84, 86-89, 98
AB	26, 27, 28, 40, 63, 65, 66, 82, 99, 112, 138, 150
BB	97
C (2-6-2)	104
D	58
FA	30
G (4-6-2)	57, 59
J (4-8-2)	18, 104, 112
JA	42, 62, 63, 65, 67, 98, 107, 108, 137, 160
K (4-8-4)	26, 27, 28, 137
KA	24, 42, 97, 137, 160
KB	60
Q (4-6-2)	14
UB	59
UC	41
W	151
WAB	29
WW	20, 122
X	26

At The Locomotive Depot	72
Battery-electric shunting Locomotive at NZ Co-op Dairy	17
Drewry shunting locomotive being loaded on to road transporter at Wanganui	33
Emu Bay Railway Locomotives	44
Locomotive For Sale	152
More Australian Locomotives	33
More Locomotives to Tasrail	152
Tasrail Locomotives	44, 46-49
Tranz Rail Locomotive Purchases	110-111
Tranz Rail Purchases Class DA Locomotive	110

Management, Staff, Organisation:

Tranz Rail Benefiting From Worldwide Associations	7
Tranz Rail Now International	114
Tranz Rail Service Centre	33

Miniature and Model Railways:

Model of "A"472 Presentation to Tom McGavin	84
---	----

Museums and Preservation:

Bush Tramway Club	17
Glenbrook Vintage Railway	19, 104
Locomotive For Sale	152
MainLine Steam Trust	112, 150
Once Upon A Time Railway Museum	70
Ormondville Rail Preservation Group	153
Pleasant Point Railway	135, 136
Putaruru Timber Museum	78
Shannon Station Restored	111
Silver Stream Railway	104, 122
Steam Incorporated	18, 107-108
Steamrail Wanganui	33
Stratford Pioneer Village Museum	71
Wellington Cable Car Heritage	71
Woodside Station Preservation Society	109

New Works:

Britomart Comes Closer	68
Clifford Bay Terminal Developments	151
New Christchurch Freight Yard Opens	150

Obituaries:

Raymond William Price	45
Peter Alan Sole	45

Overseas Railways:

Alice Springs-Darwin Railway	50
Algoma Central Railway	50
Aqaba Railway, Jordan	50, 153
English, Welsh and Scottish Railway	50
Emu Bay Railway	50
Tasrail	44, 46-49
Westrail	32, 33, 37
Wisconsin Central	7-11, 50, 153

Passenger Trains and Traffic:

"Kingston Flyer" Bookings Heavy	151
New Station at Fairlight	32
"Silver Fern" railcar	51
Taleri Gorge Railway	114
Taihape Station Demolished	114
Tranz Scenic Train Information	68

TRANZ METRO SERVICES

Auckland	69-70
Wellington	4, 33, 37, 73, 103
"Capital Connection"	150
"Wairarapa Connection"	69

TRANZ SCENIC SERVICES

"Bay Express"	153, 157
"Geyserland" Express	52
"Kaimai Express"	52
"Northerner" Express	52
"Overlander" Express	10, 52, 105
"Southerner" Express	109, 112

SPECIAL TRAINS

Race Special approaching Upper Hutt	4
Rangiora Shuttle excursion train at Rangiora	151
Special Trains for Rugby Test	112
Whangamomona Republic Day Excursions Cancelled	151

People and Personalities:

Aickin, F.W.	63
Angus, P.R.	62
Beattie, A.L.	87
Bryson, Morrie	63, 65
Buckley, J.D.	14
Burkhardt, Edward	49, 72
Carter, Graeme	6, 88
Cassells, Ken	90

Crispin, David	49
Dixon, Rayner	90
Duchess of York	88
Duke of Gloucester	88
Duke of York	88
Duston, Maurice	90
Dyer, Peter	89
Elsom, Ted	63
Furkert, F.W.	14
Glendinning, Russell	32
Goosman, Hon W.S.	67
Grant, Ron	6, 90
Halliburton, Tom	6
Harvey, Randal J.	63
HM the Queen	62-67
HRH Prince Philip	62-67
Hyde, Kevin	78
Johnson, Lester	63
Knowles, John	5
Leathers, L.A.	135
Le Bruijn, Bert	65
Logie, Bruce	63, 65
Lynde, G.S.	135
McAuley, Colin	65
McClare, Jack	89, 90
McGavin, Gilbert	86, 88
McGavin, Tom	6, 84, 88, 89, 90
Mahoney, Paul	153
Morrison, Lenny	65
Paul, Russell	136
Parsons, Don	65
Pearson, G.A.	87
Pink, Ernie	65
Prebble, Bill	89
Reid, Bob	65
Robson, Joseph	63, 65
Rosner, Mark	49
Skerrett, Jack	63, 65
Small, Francis	32, 89, 90
Smithson, Laurie	38
Stewart, Graham	5
Stewart, W.W.	96
Walsh, Eric	65
Ward, Mike	49
Weir, Harry	63
White, Graham	5

Railcars:

Blue Streak railcar between Black and Deer Tunnels, 1971	76
Fiat railcars	13, 19, 76
Henry's Wonderful Model T	135-136
Leyland 4-wheel railcar at Addington	58
Model T Ford railcar at Pleasant Point Railway	136
Standard railcars	12, 13
Westinghouse petrol-electric railcar (RM1)	16, 52

Railway Oddities:

Belmont Steam Laundry	118
Hong Kong Connection	78
Patterson Wagon Transporter	158
Rewarui Ambulance	38

Rolling Stock - Freight:

HSB scrapbins	69
IC Wagons	151
LSG tank containers	69
LSM tanks	31, 35
OM milk tank wagons	31, 35
Rolling stock developments	69, 111, 151
UKW wagons	111
USQ wagons	69

Rolling Stock - Passenger:

British Rail carriages	31, 69, 150
Corporate Charter Carriages	110

Signalling and Train Working:

Centralisation of Train Control	109
CTC for Johnsonville Line	109
Last Train Control Centre Moves to Wellington	150
Line Closure for Construction of Emergency Power Line	69-70
Mechanical Repeater Signals	130-133
Track Warrant Control	111

Society Matters:

An Excursion to Ormondville	153
Corrections	45
Local Representatives	50
Observer Directory	3, 43, 83, 123
Reflecting	5
Remembering	5
Society Carriage Now at Silver Stream Railway	112
Waitakere Wanderings	70

Stations and Yards:

Addington	58-61
Aramoho	34
Auckland	68, 110
Avondale	30
Bluff	149
Christchurch (old)	138
Clinton	19
Dargaville	68
Fairlight	32
Foxton	98
Gladstone	84
Greymouth	63
Greymouth Riverside	148
Inglewood	13
Kai Iwi	72
Koputaroa	69
Longburn	97
Morrinsville	24
Okoroire	30
Ormondville	153
Otahuhu	98
Otautau	32
Otira	40
Paekakariki	103
Patea	7
Sawyers Bay	64
Shannon	111
Studholme Junction	82
Swanson	133
Taihape	114

Taumarunui	27
Timaru	66, 82
Wellington	73
Whangaehu	72
Woodside	109, 152

Steam Excursion Trains:

Auckland-Wellington Centennial Special, 14 April 1985	160
Forestlands Steam Express between Murupara and Kawerau	24
Kalapoi-Rangiora Shuttle train at Rangiora	151
Mainline Steam New Zealand Tour	112
Steam Incorporated excursion train crossing Otaki Bridge	18

Tables:

Details of Westrail Locomotives for Trans Rail	33
Load Schedules for Class A, Ab and Uc Locomotives	89

Timetables:

Trans Scenic Train Information	68
--------------------------------------	----

Track:

Crossing Loops Reinstated at Whangaehu and Kai Iwi	72
Fraud, A Disaster and John Carruthers ..	25
Hi Rail Vehicles	71
Stratford-Okahukura Line Closed by Slips and Washouts	151

Tramways, Street:

Christchurch Tramway Limited Restaurant Tram	34
Wellington trams at Lambton Terminus	138

Tunnels:

Britomart Terminal Tunnel	68
Lowering of Tunnel Floors	72, 75, 76
Lyttelton Tunnel	72
North Island Main Trunk Line Tunnel No. 10	76
Stop Gap Solution for Railway Tunnels	149
Tawa No 1 Tunnel	9

Wellington Cable-Car:

Old Wellington Cable-cars Restored	71
--	----

Workshops and Depots:

Auckland	42
Hillside	31, 151
Hutt	31, 69, 150
Napier	99
Taumarunui	26
Wellington	42
Westfield	17

Work Trains:

Steam Crane at work on new Te Henui Bridge	13
Work train approaching Tahora Tunnel, 1978	76
Work train in Manawatu Gorge	157