

## INDEX TO THE NZ MODEL RAILWAY JOURNAL, FEBRUARY 1986 TO NOW

**SEARCHING:** You can search this index in Adobe Reader by clicking Ctrl+Shift+F or clicking the arrow beside the **Find** button. Click **Open Full Reader Search** and type a word or phrase to search for into the box headed: **What word or phrase would you like to search for?** then click **Search**.

You can search for any part word, word or phrase.

**Hint:** Take care with spelling and if in doubt use part words, ie, search for "kero" rather than "kerosine", which can be spelt two ways.

**Hint:** Most topics begin with a category heading, such as Locomotivory, Tools, etc, and it may often be useful to search by one of these categories.

Your search will return a list of all the matches to the text you typed. You can click on any of these to see the full entry and what else is in the same *Journal*. (Note: The matches listed usually include text from the beginning of the next item. The end of the searched item is marked by two hash ## signs.

**Errors and other problems:** Please report typos or other errors, or any problems using the index to Peter Ross, [peterr@inet.net.nz](mailto:peterr@inet.net.nz)

### KEY TO CATEGORIES:

<b>Added detail:</b>	Self-explanatory.
<b>Bits &amp; bytes:</b>	Use of digital (ie, computer) technology, including DCC and onboard sound.
<b>Bridges:</b>	Bridges, culverts, viaducts, etc. road or rail.
<b>Car &amp; wagon:</b>	Carriages, wagons and other rail-mounted equipment, eg, mobile cranes.
<b>Electrics:</b>	Wiring layouts, making, applying or controlling electronic accessories. For DCC see Bits & Bytes.
<b>Hints and tips:</b>	Self-explanatory.
<b>Interview:</b>	Self-explanatory.
<b>Locomotivory:</b>	Pertaining to the modelling of locomotives.
<b>Operation:</b>	Articles on running a model railway or on how the real railway is run.
<b>Perspective:</b>	Proposals and personal opinion.
<b>Photo:</b>	Self-explanatory.
<b>Plan and photos:</b>	Prototype info suitable for basing a model on.
<b>Plan, text and photos:</b>	Comprehensive prototype info suitable for basing a model on.
<b>Prototype:</b>	Information about the real railway including how it is or was operated.
<b>Rail history:</b>	Prototype information predominantly of interest as historical background.
<b>Report:</b>	A (usually personal) account of a recent event of interest to modellers.
<b>Review:</b>	Self-explanatory.
<b>Road vehicles:</b>	Includes diecast models as well as scratch or kitbuilt models.
<b>Scenicking:</b>	All forms of scenery including backscenes, water, roads, landform and land cover, rock faces, grass, scrub, flax and low ferns but not trees.
<b>Signalling:</b>	Understanding and modelling signals and signalling practice.
<b>Structures:</b>	Building, gates fences, etc, excluding bridges.
<b>Techniques:</b>	Ways of using materials and tools to make a model.

<b>Tools:</b>	Aids to model building – includes implements and processes, marking and measuring equipment, charts, cameras, computers and computing, means of attaching parts to each other, eg, glues, solder, nuts and bolts, etc.
<b>Trams:</b>	Bush and urban and associated material.
<b>Trackwork:</b>	Track, pointwork, turntables, etc, on which trains run.
<b>Trees:</b>	Trees including tree ferns and cabbage trees.
<b>Wagon loads:</b>	Self-explanatory.
<b>Weathering:</b>	Self explanatory
<b>xx Diorama:</b>	Where xx is a scale ratio, eg, 1:64, indicates an article about a diorama (small scene) to that scale
<b>xx Layout:</b>	Where xx is a scale ratio, eg, 1:64, indicates an article about a layout to that scale.
<b>Comment:</b>	Otherwise known as editorial.

John Gardener	<b>Photo:</b> 1:64-scale J1208	Cover	233/Feb 86##
Graeme Butler	<b>Perspective:</b> The case for HOn3.5 (NZR in 1:87)	p6	233/Feb 86##
Graeme Butler	<b>Tools:</b> Scale - gauge diagram	p7	233/Feb 86##
Paul Berntsen	<b>Locomotivery:</b> Split axle power collection	p9	233/Feb 86##
Graham Dredge	<b>Techniques:</b> Build a bike in 1:64	p10	233/Feb 86##
Don Allan	<b>The Real Thing:</b> Kawakawa	p11	233/Feb 86##
	<b>Plan:</b> Standard coal store	p12	233/Feb 86##
Kerry Willard	<b>1:64 Layout:</b> <i>Kotanga</i> railway	p14	233/Feb 86##
	<b>Post box</b>	p16	233/Feb 86##
Jack Mahoney	<b>Photo:</b> Birdcage car on 1939 express at Dunedin	p17	233/Feb 86##
Don Allan	<b>Report:</b> 3/16 NZR railfans	p18	233/Feb 86##
John Agnew	<b>Our Heritage:</b> Main Trunk construction	p21	233/Feb 86##
E Johnston	<b>Photo:</b> Display of built-up NZR locomotive kits	Cover	234/Apr 86##
	<b>Photos:</b> Convention winners	p6	234/Apr 86##
Erni Bond	<b>Locomotivery:</b> Rebuilding of Df1502	p7	234/Apr 86##
Hugh Bennett	<b>Photos:</b> Builder's Corner – the HBR Railway	p9	234/Apr 86##
Gavin Sowry	<b>Trackwork:</b> Hand laid track	p10	234/Apr 86##
	<b>Plans:</b> Model A panel van, station wagon	p11	234/Apr 86##
Ken Clough	<b>Plan:</b> The Thames Branch	p12	234/Apr 86##
	<b>Lineside:</b> Northland, Newmarket, Dsc	p13	234/Apr 86##
	<b>Plan:</b> PWD 8339 brick water tower	p15	234/Apr 86##
John Agnew	<b>Photo:</b> Otira layout centrefold (1:64)	p17	234/Apr 86##
Les Street	<b>Added detail:</b> Building and construction details	p18	234/Apr 86##
	<b>Plan:</b> Coal store crane	p18	234/Apr 86##
Les Downey	<b>Club Chat</b>	p22	234/Apr 86##
Graeme Butler	<b>Tools:</b> Scale conversion	p22	234/Apr 86##
	<b>Profile:</b> Meet Graeme Butler	p22	234/Apr 86##
	<b>Trade topics, Reviews, Trainline, Postbox</b>	p23	234/Apr 86##
John Agnew	<b>Our Heritage:</b> Wharves, Castlecliff, Greymouth, Wellington	p26	234/Apr 86##
	<b>Techniques:</b> Make neater corridor connections	p28	234/Apr 86##

Peter Hodge	<b>Photo:</b> Horse-drawn colliery line diorama in 1:34	Cover	235/Jun 86##
Graeme Butler	<b>Tools:</b> Scale conversion correction	p5	235/Jun 86##
Peter Ross	<b>Techniques:</b> Model signs and posters	p6	235/Jun 86##
Spencer Lawry	<b>Road vehicles:</b> Model to model Model A (1:64)	p8	235/Jun 86##
	<b>Plans:</b> Model A stake trucks	p9	235/Jun 86##
	<b>Plan:</b> PWD8339 two-level tank stand (for washouts)	p10	235/Jun 86##
	<b>Postbox</b>	p12	235/Jun 86##
	<b>Report:</b> Convention, competition results and photos	p14	235/Jun 86##
	<b>Report:</b> 1986 Guild AGM	p22	235/Jun 86##
	<b>Trade Page:</b> Uc-8 tank wagon kit	p30	235/Jun 86##
Trevor McMurdo/Doug Harrison	<b>Car &amp; wagon:</b> Builder's Corner – vintage passenger train, kitbashed Dj (1:64)	p31	235/Jun 86##
	<b>Observations:</b> Elmer Lane scenes	p32	235/Jun 86##
Graham Dredge	<b>Club Chat:</b> Waikato area	p33	235/Jun 86##
John Agnew	<b>Our Heritage:</b> Marton, Palm Nth, Morrinsville, Ngaruawahia stations	p34	235/Jun 86##
John Agnew	<b>Our Heritage:</b> Auckland c1910	p36	235/Jun 86##
WW Stewart	<b>Photo:</b> J1211 on Opuia – Auckland Express	Cover	236/Aug 86##
Jack Boyes	<b>Locomotivery:</b> Variations on a 1:64 K	p6	236/Aug 86##
Raoul Quinn	<b>Techniques:</b> How to take photos	p8	236/Aug 86##
	<b>Plans:</b> Model A two door	p10	236/Aug 86##
	<b>Postbox</b>	p11	236/Aug 86##
	<b>Photos:</b> 1986 convention	p13	236/Aug 86##
	<b>Trade Page:</b> Railmaster EMD Df kit, constant lighting kit	p22	236/Aug 86##
John Gardener	<b>Locomotivery:</b> Builder's Corner – 9 Mil (1:34) Ja	p23	236/Aug 86##
	<b>Observations:</b> Elmer Lane scenes	p24	236/Aug 86##
	<b>Postbox</b>	p25	236/Aug 86##
	<b>Club Chat:</b> Waikato, Wairarapa	p25	236/Aug 86##
John Agnew	<b>Our Heritage:</b> Ranfurly, Waimea Plains, Lumsden	p26	236/Aug 86##
Eric Coutts	<b>Club Chat:</b> Otago area	p29	236/Aug 86##
Kevin Crosado	<b>Photo:</b> 1:64 Price E and Cb models	Cover	237/Oct 86##

George Gardner	<b>Perspective:</b> Indexing your magazine articles	p5	237/Oct 86##
Graeme Butler	<b>Perspective:</b> The case for HOn3.5 (NZR in 1:87)	p6	237/Oct 86##
Graham Dredge	<b>Electrics:</b> Constant lighting applications	p7	237/Oct 86##
Paul Berntsen	<b>Locomotivery:</b> Bush Locos in 3/16" scale (1:64)	p8	237/Oct 86##
Bob Mann	<b>Plans, text and photos:</b> Geared steam bush tram locos in NZ	p11	237/Oct 86##
Bob Stott	<b>Plans, text and photos:</b> An introduction to modelling bush tramways (1:64)	p19	237/Oct 86##
	<b>Postbox</b>	p24	237/Oct 86##
	<b>Club Chat:</b> Black Creek, 3/16 NZR railfans	p27	237/Oct 86##
John Agnew	<b>Our Heritage:</b> Barclays and Price C	p28	237/Oct 86##
Paul Berntsen	<b>Photo:</b> F247 crosses Whyte's Falls bridge (colour, 1:34)	Cover	238/Dec 86##
Karl Morris	<b>Interview:</b> Merv Smith, Piki Piki Tramway	p5	238/Dec 86##
Graeme Butler	<b>Perspective:</b> The case for Hon3.5 (NZR in 1:87)	p18	238/Dec 86##
Paul Berntsen	<b>Photos:</b> Bush Locos in 3/16" scale (1:64)	p19	238/Dec 86##
Karl Morris	<b>Signalling:</b> NZR colour light signals	p20	238/Dec 86##
Graham Radcliffe	<b>Observations:</b> Stations, Kawakawa, Rock & Pillar, Ngongotaha	p24	238/Dec 86##
Graham Radcliffe	<b>Observations:</b> Stations – Cass, Dromore, Kamo	p25	238/Dec 86##
	<b>Plan:</b> PWD7298 30ft x 20ft goods shed	p24	238/Dec 86##
John Agnew	<b>The Real Thing:</b> Rail preservation in NZ	p28	238/Dec 86##
	<b>Plans:</b> Model AA panel van and stake truck	p30	238/Dec 86##
	<b>Plan:</b> Footbridge over cutting	p31	238/Dec 86##
	<b>Trade Reviews</b>	p32	238/Dec 86##
	<b>Postbox</b>	p33	238/Dec 86##
Jim Staton	<b>Postbox:</b> Geared locos in NZ	p36	238/Dec 86##
John Agnew	<b>Our Heritage:</b> Pokaka	p38	238/Dec 86##
John Agnew	<b>Our Heritage:</b> Auckland, Ohura, New Plymouth	p42	238/Dec 86##
Butler	<b>Photos:</b> Colour, several NZR layouts	p45	238/Dec 86##
Raoul Quinn/John Agnew	<b>Photos:</b> Colour, Nth Shore MRC, Greymouth – Otira (1:64)	Back	238/Dec 86##
	Ink sketch of Ja1267 on South Island Limited	Cover	239/Feb 87##
Hugh Bennett	<b>Photos and text:</b> Ups and downs of the HBR	p6	239/Feb 87##
Peter Cameron	<b>Techniques:</b> Builder's Corner – resiting <i>East Coast</i> 1:32 layout	p9	239/Feb 87##

Trevor Cheer	<b>Perspective:</b> Suggested module dimensions	p10	239/Feb 87##
	<b>Club Chat:</b> Waikato, Pokaka, Nelson, 3/16 NZR railfans	p10	239/Feb 87##
Karl Morris	<b>Signalling:</b> CTC colour light signals	p13	239/Feb 87##
Karl Morris	<b>Photos:</b> CTC colour light signals at Morningside	p14	239/Feb 87##
Chris Bradley	<b>Plan, text and photos:</b> English Electric Df	p17	239/Feb 87##
	<b>Postbox</b>	p20	239/Feb 87##
	<b>Reviews</b>	p21	239/Feb 87##
John Agnew	<b>The Real Thing:</b> Glenbrook	p22	239/Feb 87##
John Agnew	<b>Fifties Focus:</b> Ka941 Marton, Ww560 Dargaville	p23	239/Feb 87##
John Agnew	<b>Our Heritage:</b> Q345 Lauder, ChCh gasworks, Wanganui Baldwins, Ua Caversham	p26	239/Feb 87##
Raoul Quinn	<b>Photo:</b> Street scene, North Shore portable 1:64 layout	Cover	240/Apr 87##
Graham Dredge	<b>Car &amp; wagon:</b> Car gates, handrails etc.	p6	240/Apr 87##
Stewart Handley	<b>Layout Ideas:</b> Paparoa in 1:34	p8	240/Apr 87##
	<b>Plan:</b> NZR 12 foot timber gate	p9	240/Apr 87##
	<b>Plans:</b> Model AA funeral coach, ambulance	p10	240/Apr 87##
Bob Stott	<b>Photo:</b> Taputerangi Tramway celebrates 25 years	p11	240/Apr 87##
Jack Mahoney	<b>Rail history:</b> The Otira Express 1923	p12	240/Apr 87##
Jack Mahoney	<b>Rail history:</b> The Otira Gorge coaches	p18	240/Apr 87##
John Gardener/ Terry Bradley	<b>Plan, text and photos:</b> 88 seat twinset railcar	p20	240/Apr 87##
	<b>Club Chat:</b> Wairarapa	p23	240/Apr 87##
Noel Maginnity	<b>Techniques:</b> Wagon weighting	p25	240/Apr 87##
Noel Maginnity	<b>Car &amp; wagon:</b> Wagon roofs	p25	240/Apr 87##
Graham Radcliffe	<b>Prototype:</b> Sawmill/NZR interchange	p25	240/Apr 87##
Jack McClare	<b>The Real Thing:</b> Ferrymead	p26	240/Apr 87##
Terry Bradley	<b>Fifties Focus:</b> Wab764, Old and new Eo's, Parnell Diesel Depot 1956	p28	240/Apr 87##
Terry Bradley	<b>Perspective:</b> A goods shed for Terry and an Ea for Russell	p30	240/Apr 87##
John Agnew	<b>Our Heritage:</b> Hutt Rd/Petone, Taumarunui Loco, Johnsonville Station	p32	240/Apr 87##
John Agnew	<b>Our Heritage:</b> J1212 Newmarket 1954, Newmarket Workshops 1922, Cross Creek two views	p36	240/Apr 87##
Nigel Ogle	<b>Photo:</b> 1:64-scale SS Hawera loading meat at Tawhiti Museum	Cover	241/Jun 87##
Nigel Ogle	<b>1:64 Diorama:</b> Tawhiti Museum, dockside magic in miniature	p5	241/Jun 87##

Chris Wood	<b>Trees:</b> Refresher course in aforestation (modelling trees)	p8	241/Jun 87##
Eric Smart	<b>Trees:</b> Model tree construction	p10	241/Jun 87##
Karl Morris	<b>Signalling:</b> NZR semaphore signals	p12	241/Jun 87##
Graeme Butler	<b>Products:</b> The Brazilian Connection – NZR look-alikes in HO scale (1:87) from Frateschi	p16	241/Jun 87##
	<b>Lineside:</b> Focus on Rimutaka	p19	241/Jun 87##
	<b>Plans:</b> Summit and Cross Creek yards	p19	241/Jun 87##
Keith Meynell	<b>Car &amp; wagon:</b> It's a cover up – NZR tarpaulins	p23	241/Jun 87##
	<b>Plans:</b> Model AA trucks	p24	241/Jun 87##
	<b>Guild News:</b> Two Guild “team” photos 34 years apart	p26	241/Jun 87##
	<b>Report:</b> 6 <sup>th</sup> Narrow Gauge Convention, Denver Colorado	p27	241/Jun 87##
Terry Bradley	<b>Fifties Focus:</b> Jb1224 Wellington, Da1401, Ja and K912 Auckland Loco	p28	241/Jun 87##
John Agnew	<b>Trainline:</b> NZR colours	p30	241/Jun 87##
	<b>Postbox</b>	p30	241/Jun 87##
John Agnew	<b>Our Heritage:</b> Between Upper Hutt and Summit and at Summit	p32	241/Jun 87##
	<b>Reviews</b>	p34	241/Jun 87##
	<b>Trade Reviews</b>	p34	241/Jun 87##
John Agnew	<b>Obituary:</b> Jack Mahoney	p35	241/Jun 87##
	<b>Club Chat:</b> 3/16 NZR railfans, Wellington NZR modellers	p35	241/Jun 87##
John Agnew	<b>Our Heritage:</b> Invercargill, Timaru	p36	241/Jun 87##
Don Weston	<b>Photo:</b> Ub shunting on John Agnew's 1:64 Otira layout	Cover	242/Aug 87##
John Agnew	<b>1:64 Layout:</b> Otira in model form	p5	242/Aug 87##
Ian Robertson	<b>Techniques:</b> Build better (bus and tram) bodies	p8	242/Aug 87##
White's Aviation	<b>Photos:</b> Broadway Newmarket street scenes	p12	242/Aug 87##
John Agnew	<b>Road vehicles:</b> From toys to realistic vehicles	p13	242/Aug 87##
John Brouwer	<b>Prototype:</b> Subtle changes to the Djs	p14	242/Aug 87##
Brian Curtis	<b>1:64 Layout:</b> Dunsandel revived	p16	242/Aug 87##
Hugh Bennett	<b>Locomotivory:</b> Freelance Mallet (for HO track)	p17	242/Aug 87##
	<b>Tools:</b> Calculate scale speed	p17	242/Aug 87##
Paul Berntsen	<b>Tools:</b> Building locomotives from photoengravings	p18	242/Aug 87##
Terry Bradley	<b>Plan, text and photos:</b> The loco that started dieselisation: Ds diesels	p19	242/Aug 87##
Alistair Hardie-Neil	<b>Car &amp; wagon:</b> Wagon doors that work	p23	242/Aug 87##

Terry Bradley	<b>Fifties Focus:</b> New English Electric Df, Dg, Di	p24	242/Aug 87##
Russell Postlewaight	<b>Review:</b> This Bobtail is a beauty – Railside Ww kit	p26	242/Aug 87##
John Agnew	<b>Our Heritage:</b> Greytown, Reefton, Q-hauled South Express 1904, Outram	p28	242/Aug 87##
	<b>Trade Topics</b>	p30	242/Aug 87##
	<b>Postbox</b>	p32	242/Aug 87##
	<b>Reviews</b>	p33	242/Aug 87##
	<b>Club Chat:</b> Von Strapp, Wairarapa, Christchurch, Wellington, Marklin, Hamilton, Otago	p34	242/Aug 87##
John Agnew	<b>Our Heritage:</b> WMR van and flat wagon	p36	242/Aug 87##
Jack McClare	<b>Plan and Photo:</b> Davidson P Class 0-6-0 Weka	p37	
Tony Cunneen	<b>Photo:</b> Scene on 1:120 CAMCO railway	Cover	243/Oct 87##
Anon	<b>1:120 Layout:</b> Narrow gauge city terminus	p6	243/Oct 87##
Trevor James	<b>Photos:</b> Inner city Auckland building details	p11	243/Oct 87##
Phil Rzoska	<b>Techniques:</b> The wagon factory – RTV wagon construction	p14	243/Oct 87##
George Gardner	<b>Added detail:</b> From model to masterpiece, detailing Vanguard's Bb loco	p16	243/Oct 87##
Noel Maginnity	<b>Wagon loads:</b> A load of coal	p18	243/Oct 87##
	<b>Plan:</b> PWD10667 60ft x 30ft goods shed	p19	243/Oct 87##
Noel Maginnity	<b>Electrics:</b> Integrated circuit regulators	p25	243/Oct 87##
Terry Bradley	<b>Fifties Focus:</b> Whoops – Tangiwai repairs, Auckland loco fire, dumping spool in river	p26	243/Oct 87##
Graham Radcliffe	<b>Plan and Photo:</b> NZR throwover points lever	p28	243/Oct 87##
	<b>Review:</b> Railmaster compensation device	p29	243/Oct 87##
John Agnew	<b>Our Heritage:</b> NZR lounge cars	p30	243/Oct 87##
	<b>Trade Topics:</b> Aster live steam loco, Unimat 3 lathe	p32	243/Oct 87##
	<b>Postbox</b>	p34	243/Oct 87##
	<b>Book Corner</b>	p35	243/Oct 87##
	<b>Club Chat:</b> Auckland, Black Creek, Christchurch, Waikato, Nelson, Wellington, Wairarapa	p36	243/Oct 87##
	<b>Our Heritage:</b> Port Chalmers line 1870s	p38	243/Oct 87##
Raoul Quinn	<b>Photo:</b> Suburban action on the North Shore MRC's 1:64 exhibition layout	Cover	244/Dec 87##
John Agnew	<b>Prototype:</b> Dj colour schemes	p5	244/Dec 87##
John Brouwer	<b>Electrics:</b> Layout wiring pointers	p5	244/Dec 87##
Karl Morris	<b>Interview:</b> An afternoon with Paul Berntsen	p6	244/Dec 87##



Spencer Lawry	<b>Locomotivory:</b> Nelson D's live again	p14	244/Dec 87##
Chris Wood	<b>Plans, text and photos:</b> Railway houses	p19	244/Dec 87##
David McNiven	<b>Locomotivory:</b> Chassis for HOn3.5 locos (NZR in 1:87)	p23	244/Dec 87##
Richard Heine	<b>Signalling:</b> Kaitoke signalling	p25	244/Dec 87##
Mac Maguiness	<b>Operation:</b> Running with a purpose	p26	244/Dec 87##
John Agnew	<b>Our Heritage:</b> Thorndon Station	p28	244/Dec 87##
	<b>Postbox</b>	p30	244/Dec 87##
John Agnew	<b>Our Heritage:</b> Buy NZ-Made Goods, Ab/Wab Te Kuiti, F at Charming Creek	p32	244/Dec 87##
Terry Bradley	<b>Fifties Focus:</b> De, Wab Auckland, Da, Ww Auckland, Ww556 Kaihu, Kaitangata D and train 1960	p36	244/Dec 87##
Raoul Quinn/Eric Coutts	<b>Photos:</b> Scene on North Shore MRC's exhibition layout, view of Eric Coutt's layout in Wanaka (1:64)	Back	244/Dec 87##
Evan James	<b>Photo:</b> Passenger train on Warren Stirling's garden railway	Cover	245/Dec 87##
Evan James	<b>1:22.5 Layout:</b> Warren Stirling's garden railway	p6	245/Dec 88##
Evan James	<b>Perspective:</b> Pros and cons of outdoor railways	p11	245/Dec 88##
Ken Schofield	<b>Structures:</b> Kibri station kit	p13	245/Dec 88##
Kevin Crosado	<b>Journal Jewels:</b> Mokihinui bins, M 2-4-4-T, 9 Mil motor trolley and trailer	p14	245/Dec 88##
Noel Maginnity	<b>Tools:</b> How fast is that train going?	p16	245/Dec 88##
Don Weston	<b>Tools:</b> Computer aided loco building – gear ratios	p17	245/Dec 88##
Russell Postlewaight	<b>Car &amp; wagon:</b> Up Black Creek on the narrow gauge – 47½ft car-van from a Railmaster kit	p18	245/Dec 88##
Cedric Green	<b>Plan:</b> 47 ½ft car-van	p20	245/Dec 88##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Bedford SB bus	p23	245/Dec 88##
Paul Berntsen	<b>Tools:</b> Wire roller	p24	245/Dec 88##
Terry Bradley	<b>Fifties Focus:</b> Bbs, Df1502 around Auckland,	p26	245/Dec 88##
	<b>Postbox</b>	p28	245/Dec 88##
	<b>Trade News</b>	p29	245/Dec 88##
	<b>Book Corner</b>	p30	245/Dec 88##
	<b>Club Chat:</b> Brisbane, Wairarapa, Auckland, Wellington, Nelson, Christchurch	p24	245/Dec 88##
Old Timer	<b>Our Heritage:</b> Timber – traditional sawmilling, words and pictures	p34	245/Dec 88##
Kevin Crosado	<b>Photo:</b> Ww exiting Chasm Creek tunnel on Jack Raffills' 9 Mil (1:34) layout	Cover	246/Apr 88##
Don Lawrence/Grant Mansell	<b>Perspective:</b> Insurance – are you covered?	p6	246/Apr 88##
Russell Postlewaight	<b>Operation:</b> Up Black Creek on the narrow gauge – Developing a loco roster	p8	246/Apr 88##

	<b>Journal Jewels:</b> John Agnew's Q346, Terry Bradley's Y542, Doug Wilkinson's F, Quentin Roper's R	p10	246/Apr 88##
Stewart McLeod	<b>1:64 Layout:</b> Blame it on my father-in-law	p12	246/Apr 88##
Howard S Brooking	<b>Locomotivory:</b> A Df in TTn3.5 (NZ120)	p14	246/Apr 88##
Mac Maguiness	<b>Tools:</b> The long arm (grabber)	p14	246/Apr 88##
Terry Bradley	<b>Car &amp; wagon:</b> Dollar Model – container on Ub wagon	p15	246/Apr 88##
Paul Berntsen	<b>Tools:</b> Rivet press, etc	p18	246/Apr 88##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Bedford YRT bus	p18	246/Apr 88##
Cedric Green	<b>Plan and photos:</b> 44ft second class car	p19	246/Apr 88##
Bob Stott	<b>Scenicking:</b> Bring flatlands to life	p23	246/Apr 88##
Terry Bradley	<b>Fifties Focus:</b> Diesels easing steam out of major yards	p28	246/Apr 88##
	<b>Club Chat:</b> Auckland, Wellington	p30	246/Apr 88##
	<b>Postbag</b>	p30	246/Apr 88##
John Agnew	<b>Our Heritage:</b> Kaihu, Dargaville, Frankton Jcn, Maclennan	p32	246/Apr 88##
	<b>Trade news:</b> Ajin guard's van, tools, kits, etc	p34	246/Apr 88##
John Agnew	<b>Our Heritage:</b> Ua177 Lumsden, F40 Stirling, Cambridge goods, A68 Ellis & Burnand	p36	246/Apr 88##
John Rogers	<b>Photo:</b> Ajin 30ft clerestory guard's van in 1:64	Cover	247/Jun 88##
Karl Morris	<b>Products:</b> Ajin guard's van F151	p6	247/Jun 88##
Dave Harris	<b>Car &amp; wagon:</b> Improving Lb and Lc wagons	p7	247/Jun 88##
Russell Postlewaight	<b>1:64 Layout:</b> Up the Black Creek on the narrow gauge: Blackball tank locos	p8	247/Jun 88##
	<b>Journal Jewels:</b> Peter Ross F13, Brian Monaghan South African locos, Brian Lilley's Ka/Wab, 1:64 in Oz	p12	247/Jun 88##
Paul Berntsen	<b>Tools:</b> Scrawker/bending bars	p14	247/Jun 88##
	<b>Plan:</b> Portland Cement Peckett 4-4-0	p15	247/Jun 88##
Fred Lee	<b>Tools:</b> Preparing scale drawings from a photograph	p16	247/Jun 88##
	<b>Plan, text and photos:</b> 30ft clerestory guard's van	p19	247/Jun 88##
	<b>Club Chat:</b> Christchurch, Waikato, Wellington, Nelson, Wairarapa, Auckland	p22	247/Jun 88##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Hino BG100 bus	p23	247/Jun 88##
	<b>Report:</b> 1988 convention: Jim Harwood is still top modeller	p24	247/Jun 88##
Terry Bradley	<b>Fifties Focus:</b> New lives for old carriages	p6	247/Jun 88##
	<b>Postbox:</b> NZR coat of arms	p28	247/Jun 88##
	<b>Our Heritage:</b> Onehunga wharf, Cambridge Station, first train to Masterton,	p30	247/Jun 88##
	<b>Trade news:</b> Railmaster and Railside Das, Midland Dsa	p32	247/Jun 88##

	<b>Our Heritage:</b> Cross Creek, Kaitangata, Wa ex J at Cambridge, Cape Foulwind	p30	247/Jun 88##
Don Weston	<b>Photo:</b> Don's G class Garratt on Jack Raffills' Omoto Viaduct	Cover	248/Aug 88##
Paul Berntsen	<b>Locomotivory:</b> Modelling the R class Fairlie (includes Peter Dyer plan)	p6	248/Aug 88##
E W Crumpton	<b>Rail history:</b> Treasure from the bush: A history of R28	p10	248/Aug 88##
	<b>Journal Jewels:</b> 9 Mil (1:34) kitset Fs, two views of Bob McCully's Mt Jackson branch	p12	248/Aug 88##
Russell Postlewaight	<b>Layout Ideas:</b> Up Black Creek on the narrow gauge – Track Planning (West Oxford and Orawia yard plans)	p14	248/Aug 88##
Terry Bradley	<b>Fifties Focus:</b> Way & Works vehicles	p16	248/Aug 88##
	<b>Photos, text and plan:</b> 6-wheel accident cranes of the NZR	p19	248/Aug 88##
Paul Berntsen	<b>Locomotivory:</b> Chimneys and domes	p24	248/Aug 88##
Susan Roche	<b>Perspective:</b> An absorbing hobby for Hugh Bennett	p28	248/Aug 88##
John Agnew	<b>Our Heritage:</b> Springston, Sawyers Bay, Drury, St John's	p30	248/Aug 88##
	<b>Book Corner</b>	p32	248/Aug 88##
	<b>Club Chat:</b> 9 Mil comes of age, NZR TTn3½	p32	248/Aug 88##
John Agnew	<b>Our Heritage:</b> Bb618 Frankton, Bb620 Frankton, Ub287, R32 at Linwood	p34	248/Aug 88##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Hino BG100 bus	p36	248/Aug 88##
Terry Bradley	<b>Photo:</b> Wb294 crosses the bridge on Warren Stirling's 9 Mil (1:34) Hikurangi Railway	Cover	249/Oct 88##
Don Weston	<b>Locomotivory:</b> A Garratt in 9 Mil (1:34) scale	p6	249/Oct 88##
	<b>Journal Jewels:</b> Ray Funnell's 9 Mil on 16.5mm train, Bob Stott's pub, Robin Knight models, Jim Smith	p10	249/Oct 88##
Russell Postlewaight	<b>Car &amp; wagon:</b> Up Black Creek on the narrow gauge – Mass produced coal wagons	p12	249/Oct 88##
Evan James	<b>Perspective:</b> Safety hints around Pokaka	p15	249/Oct 88##
Terry Bradley	<b>Fifties Focus:</b> The English Electric De	p16	249/Oct 88##
Terry Bradley	<b>Photos, text and plan:</b> The English Electric De	p18	249/Oct 88##
John Agnew	<b>Rail history:</b> Notes on the history of the Nelson – Glenhope line	p23	249/Oct 88##
	<b>Trade news:</b> Frateschi EMD G12, model railway catalogue	p27	249/Oct 88##
	<b>Postbox</b>	p28	249/Oct 88##
John Agnew	<b>Our Heritage:</b> Canterbury Provincial Railway trains at Ferrymead and Christchurch	p30	249/Oct 88##
Paul Berntsen	<b>Techniques:</b> Ladders and handrails	p32	249/Oct 88##
John Agnew	<b>Our Heritage:</b> Canterbury Provincial Railway trains at Christchurch, Auckland & Drury No.s 1 and 2	p34	249/Oct 88##
	<b>Club Chat:</b> Nelson, Waikato, Black Creek, Wellington	p36	249/Oct 88##
	<b>Turntable:</b> brief notes	p36	249/Oct 88##

Trevor Cheer	<b>Photo:</b> Df6254/Dc4093 crossing a plate girder bridge (colour)	Cover	250/Dec 88##
Paul Berntsen	<b>Trees:</b> Types, methods and materials	p5	250/Dec 88##
	<b>Book Corner</b>	p10	250/Dec 88##
John Rogers	<b>Plan and Photo:</b> Palmerston, Foxton's vertical boilered locomotive	p11	250/Dec 88##
Russell Postlewaight	<b>Structures:</b> Up Black Creek on the narrow gauge – Blackball coal bins	p12	250/Dec 88##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Hino BG100 bus	p15	250/Dec 88##
Paul Berntsen	<b>Tools:</b> Louvre tool	p16	250/Dec 88##
Trevor Cheer	<b>Plan, text and photos:</b> DSG/DSJ shunters	p18	250/Dec 88##
John Agnew	<b>Rail history:</b> Further Nelson locomotive developments (includes Hope and Nelson yard plans)	p23	250/Dec 88##
John Agnew	<b>Our Heritage:</b> Bishopdale, Nelson, Richmond	p26	250/Dec 88##
	<b>Club Chat:</b> Pokaka 1988	p28	250/Dec 88##
	<b>Postbox</b>	p29	250/Dec 88##
John Agnew	<b>Our Heritage:</b> Bluff Harbour Railway	p30	250/Dec 88##
	<b>Trade news:</b> Frateschi GE U20C	p32	250/Dec 88##
	<b>Postbox</b>	p29	250/Dec 88##
Terry Bradley	<b>Fifties Focus:</b> Ka941 Taihape, Ab818 Magatainoka, Ja1256 Cass, J1227/Ab751 Wairoa (colour)	p36	250/Dec 88##
Russell Postlewaight/Kevin Crosado	<b>Photos:</b> Ww and car-van, Ken Lankshear's Dg crossing Keith Collins' truss bridge (colour)	Back	250/Dec 88##
Kevin Crosado	<b>Photo:</b> Bob Stott's Johnson A class	Cover	251/Feb 89##
Karl Morris	<b>Car &amp; wagon:</b> A Ud wagon in 9 Mil (1:34) (includes plan)	p6	251/Feb 89##
	<b>Club Chat:</b> Nelson, Hamilton, Whangarei, Christchurch, Auckland	p11	251/Feb 89##
Chris Bradley	<b>Techniques:</b> L-girder baseboards	p12	251/Feb 89##
	<b>Plan and photos:</b> NZR G class horsebox	p14	251/Feb 89##
Terry Bradley	<b>Fifties Focus:</b> Subbies at Swanson, J1211 Parnell Tunnell, J1211 Auckland	p16	251/Feb 89##
Trevor Jones/Darryl Smith	<b>Plan and Photo:</b> Bedford MCD bus	p18	251/Feb 89##
Trevor Cheer	<b>Plan, text and photos:</b> Dsc shunting loco	p19	251/Feb 89##
Wayne Brindle	<b>Car &amp; wagon:</b> Side chains and air hoses (includes sketch)	p23	251/Feb 89##
Paul Berntsen	<b>Tools:</b> Flame soldering/making steps	p24	251/Feb 89##
Peter Ross	<b>Perspective:</b> Beginnings – a descent into railway modelling	p26	251/Feb 89##
	<b>Journal Jewels:</b> Raoul Quinn wagons, Colin Zeff A and vans, Terry Bradley Hunslett Y	p28	251/Feb 89##
John Agnew	<b>Our Heritage:</b> Midland L Moana, A66 fitted for track inspection, P268 Mercer, F and train Ross	p30	251/Feb 89##

Jim Staton	<b>Prototype:</b> Bush tramways roundup	p32	251/Feb 89##
John Agnew	<b>Our Heritage:</b> J84 Frankton, J83 Christchurch, V126/V127 near Owaka,	p34	251/Feb 89##
	<b>Postbox</b>	p36	251/Feb 89##
	<b>Turntable:</b> Brief notes	p37	251/Feb 89##
	<b>Trade news:</b>	p37	251/Feb 89##
Raoul Quinn	<b>Photo:</b> Bb626 leaves Rimu yard while Ww379 pauses on Mike Lough's 1:64 layout	Cover	252/Apr 89##
Allan Fraser/Bun Wicks	<b>Trees:</b> Another branch	p6	252/Apr 89##
Spencer Lawry	<b>Car &amp; wagon:</b> Automatic NZR coupler	p9	252/Apr 89##
Kevin Crosado	<b>Plan, text and photos:</b> Plumbing the depths – Sellars injector	p10	252/Apr 89##
John Kerr	<b>Rail history:</b> Tales from the old days – experiences in the last days of steam	p12	252/Apr 89##
Doug Wilkinson	<b>1:64 Layout:</b> Foxton, photos and text	p12	252/Apr 89##
Terry Bradley	<b>Fifties Focus:</b> Losing streamlining, J1203, Ka993, Wa217 Roa, W192 Rewanui	p16	252/Apr 89##
Bradley Evans/James Terry	<b>Perspective:</b> Modelling in prototype 3½	p18	252/Apr 89##
Russell Postlewaight	<b>Plan:</b> Paparoa coal bins, Blackball	p20	252/Apr 89##
Russell Postlewaight	<b>Structures:</b> Up Black Creek on the narrow gauge – Coal bins	p22	252/Apr 89##
Rueben Romany	<b>Postbox:</b> NZ120 options in N scale stock	p24	252/Apr 89##
Paul Berntsen	<b>Turntable:</b> Brief note	p25	252/Apr 89##
Paul Berntsen	<b>Club Chat:</b> Auckland, Christchurch, Nelson, Australia, Wellington, Wairarapa, Hamilton	p26	252/Apr 89##
	<b>Trade news:</b>	p26	252/Apr 89##
Peter Ross	<b>Techniques:</b> RTV moulding methods used by Jack Raffills	p27	252/Apr 89##
John Agnew	<b>Our Heritage:</b> W238 Roa, Wingatui Station, A and We375 Dunollie	p25	252/Apr 89##
Paul Berntsen	<b>Locomotivery:</b> Driving wheels	p32	252/Apr 89##
John Agnew	<b>Our Heritage:</b> G class Garratts	p34	252/Apr 89##
Trevor Cheer/Paul Berntsen	<b>Plan, text and photos:</b> Hitachi Tr shunting tractor	p36	252/Apr 89##
Paul Berntsen	<b>Locomotivery:</b> Let's build a chassis for the Hitachi	p36	252/Apr 89##
Paul Berntsen	<b>Photo:</b> Rogers Q at Korero Station (9 Mil/1:34 scale)	Cover	253/Jun 89##
Paul Berntsen	<b>Locomotivery:</b> QED – Building the Rogers Q	p6	253/Jun 89##
Kevin Crosado	<b>Plan, text and Photo:</b> Plumbing the depths – Penberthy injector	p10	253/Jun 89##
Alan Craig	<b>Plan and photos:</b> Standard one arm signal	p12	253/Jun 89##
Terry Bradley	<b>Fifties Focus:</b> Bridge girders on wagons, crane unloading roofing iron Invercargill	p16	253/Jun 89##

Hugh Stockbridge	<b>Report:</b> Recovering Wbs from Mokihinui River	p18	253/Jun 89##
John Gourlay	<b>Plan:</b> Omakau station and yard	p20	253/Jun 89##
Mac Maguiness	<b>Locomotivory:</b> Cowcatchers and headlights	p22	253/Jun 89##
	<b>Postbox</b>	p25	253/Jun 89##
	<b>Journal Jewels:</b> Robin Knight's Rye Valley layout, Harry Welch's Taumarunui, Brian McKenzie	p26	253/Jun 89##
	<b>Book Corner</b>	p27	253/Jun 89##
Paul Berntsen	<b>Turntable:</b> Brief notes	p29	253/Jun 89##
	<b>Postbox</b>	p25	253/Jun 89##
John Agnew	<b>Our Heritage:</b> Builder's photo K88, K93 Hillside, Q51 Invercargill	p30	253/Jun 89##
Dave Reddick/Peter Sewell	<b>Locomotivory:</b> 9 Mil (1:34) PWD long tank Fowler	p32	253/Jun 89##
John Agnew	<b>Our Heritage:</b> fowler 545 Kaiwaka and Kaitangata	p30	253/Jun 89##
	<b>Plan and photos:</b> PWD long tank Fowler	p36	253/Jun 89##
Paul Berntsen	<b>Locomotivory:</b> Around the workshop – split axles	p38	253/Jun 89##
Brian Eastergaard	<b>Photos:</b> A scene on Brian Eastergaard's HO layout	Cover	254/Aug 89##
Brian Eastergaard	<b>Scenicking:</b> Backdrops that live	p6	254/Aug 89##
Kevin Crosado	<b>Text and Photos:</b> Plumbing the depths – exhaust steam injector	p10	254/Aug 89##
Russell Postlewaight	<b>1:64 Layout:</b> Up Black Creek on the narrow gauge – Potpourri (Ab722)	p12	254/Aug 89##
Paul Berntsen	<b>Locomotivory:</b> Portland Peckett in 3/16 (1:64) scale	p14	254/Aug 89##
John Kerr	<b>Fifties Focus:</b> Recalling Jb1229 derailed near National Park	p18	254/Aug 89##
Alan Craig/Kevin Crosado	<b>Plan and text:</b> Early R wagons	p19	254/Aug 89##
	<b>Trade news:</b> Etched brass G wagon kit	p23	254/Aug 89##
	<b>Postbox</b>	p25	254/Aug 89##
	<b>Club Chat:</b> Christchurch, Auckland, Hamilton	p27	254/Aug 89##
Paul Berntsen	<b>Turntable:</b> Brief notes	p28	254/Aug 89##
Ray Funnell	<b>Perspective:</b> Modelling 2ft gauge in 9 Mil (1:34) scale	p29	254/Aug 89##
John Agnew	<b>Our Heritage:</b> Early Dunsandel, Invercargill roundhouse 1883, F78 Waihao Downs 1885, K94 Timaru	p30	254/Aug 89##
John Agnew	<b>Our Heritage:</b> Rangiora panorama 1935, F12/F11 Waimak Gorge, F13/F78 Otarama 1903	p34	254/Aug 89##
Peter Ross	<b>Photo:</b> Robin Knight's 3/16 (1:64) coaling crane	Cover	255/Oct 89##
John Rappard	<b>Car &amp; wagon:</b> Wagons galore! Building a string of La and Lc wagons in NZ120 scale	p6	255/Oct 89##
	<b>Journal Jewels:</b> 1:64 scale Robin Knight models, coaling crane, PWD Fowler and Davenport, etc	p10	255/Oct 89##

Bob Stott	<b>Plan:</b> Diagram of Westinghouse pump piping	p12	255/Oct 89##
John Rogers	<b>Locomotivry:</b> The Mills A, a most long lived locomotive (1:34)	p13	255/Oct 89##
Terry Bradley	<b>Fifties Focus:</b> Auckland industries 1952	p16	255/Oct 89##
Paul Berntsen	<b>Photos:</b> Black Creek roundup	p18	255/Oct 89##
Les Downey	<b>Plan and Photo:</b> Stothert & Pitt crane Whangarei	p19	255/Oct 89##
Paul Berntsen	<b>Tools:</b> Minidrills	p22	255/Oct 89##
Russell Postlewaight	<b>Car &amp; wagon:</b> Up Black Creek on the narrow gauge – Ea car	p24	255/Oct 89##
	<b>Postbox</b>	p27	255/Oct 89##
	<b>Book Reviews</b>	p27	255/Oct 89##
	<b>Club Chat:</b> Auckland, Nelson, Southland	p28	255/Oct 89##
	<b>Turntable:</b> Brief notes	p28	255/Oct 89##
John Agnew	<b>Our Heritage:</b> Converted Burrell, Foden bush lokeys, Robinson 0-4-0 Seaward Bush	p27	255/Oct 89##
Kevin Crosado	<b>Plan and photos:</b> Tar or bitumen boiler	p32	255/Oct 89##
Bob Schmidt	<b>Layout Ideas:</b> Central North Island	p33	255/Oct 89##
John Agnew	<b>Our Heritage:</b> P Mosgiel, Early Outram, Kelso, Timaru	p34	255/Oct 89##
Trevor James	<b>Photo:</b> A scene on the Hamilton 3/16th (1:64) modular layout	Cover	256/Dec 89##
Trevor James	<b>1:64 Layout:</b> Hamilton modular layout (colour photos, module standards)	p5	256/Dec 89##
Kerry Willard	<b>Plans and Photos:</b> Half cab busses	p12	256/Dec 89##
Russell Postlewaight	<b>Layout Ideas:</b> Up Black Creek on the narrow gauge – Rewanui ramblings	p17	256/Dec 89##
	<b>Plan and Photo:</b> Canteen wagon	p19	256/Dec 89##
	<b>Book Corner</b>	p19	256/Dec 89##
John Whyte	<b>Plan and photos:</b> Kawakawa Station	p20	256/Dec 89##
	<b>Postbox</b>	p23	256/Dec 89##
	<b>Turntable:</b> Brief notes	p24	256/Dec 89##
	<b>Club Chat:</b> Wairarapa, Wellington	p24	256/Dec 89##
John Agnew	<b>Our Heritage:</b> S52 "Caitlock", Hillside c1979, Gisborne breakwater construction 1889	p26	256/Dec 89##
Hugh Stockbridge	<b>Report:</b> The Wb project – an update	p28	256/Dec 89##
John Agnew	<b>Our Heritage:</b> Dargaville and Lawrence c 1900	p30	256/Dec 89##
Terry Bradley	<b>Fifties Focus:</b> C865 Linwood coal ramp, J1214 Mercer, C845 Middleton, ballast train Opuia (colour)	p36	256/Dec 89##
	<b>Photos:</b> Avondale Station, Dj3113, HBR 10, winter tree with pick-up truck (colour)	Back	256/Dec 89##

Raoul Quinn	<b>Photos:</b> Rimu yard, Mike Lough's 1:64-scale layout	Cover	257/Feb 90##
Bob McCully	<b>1:22.5 Layout:</b> An LGB venture in Canterbury	p6	257/Feb 90##
Russell Postlewaight	<b>Locomotivery:</b> Up Black Creek on the narrow gauge – B class 4-8-0s	p11	257/Feb 90##
Graham Radcliffe	<b>Trackwork:</b> Timaru wharves	p11	257/Feb 90##
John Agnew	<b>Rail history:</b> C car found at Donnelley's Crossing	p14	257/Feb 90##
Reg Ellison	<b>Scenicking:</b> Simulating water	p15	257/Feb 90##
Terry Bradley	<b>Fifties Focus:</b> Auckland wharves area 1952	p16	257/Feb 90##
Wayne Haste	<b>Locomotivery:</b> Modelling the B class double Fairlie	p18	257/Feb 90##
Jack McClare/Bob McCully	<b>Plan, text and photos:</b> B class double Fairlie	p19	257/Feb 90##
Graham Venning	<b>Postbox:</b> Trackbase and cork ballast	p24	257/Feb 90##
	<b>Club Chat:</b> 3/16 NZR railfans	p25	257/Feb 90##
	<b>Books</b>	p25	257/Feb 90##
	<b>Trade news:</b> Dynamic Diesels Kc wagon, 9 Mil (1:34) F class loco kit, etc	p26	257/Feb 90##
Ian Galbraith	<b>Club Chat:</b> Pokaka report	p28	257/Feb 90##
Peter Wood	<b>Journal Jewels:</b> G gauge Garratt	p25	257/Feb 90##
John Agnew	<b>Our Heritage:</b> B class Fairlies	p30	257/Feb 90##
Paul Berntsen	<b>Car &amp; wagon:</b> Wagon equalisation	p32	257/Feb 90##
John Agnew	<b>Our Heritage:</b> Auckland wharves in sailing ship days	p34	257/Feb 90##
Hugh Stockbridge	<b>Report:</b> Wbs move North	p36	257/Feb 90##
Kevin Crosado	<b>Tools:</b> Working with epoxy adhesive	p37	257/Feb 90##
Graham Radcliffe	<b>Trackwork:</b> Burnham single slip	p39	257/Feb 90##
Paul Berntsen	<b>Photo:</b> Port Tiri loco depot on Paul Berntsen's Korero railway	p6	258/Apr 90##
Paul Berntsen	<b>1:34 Layout:</b> Tales of the Korero railway	p6	258/Apr 90##
David McNiven	<b>Perspective:</b> HOn3.5 (1:87) notes (includes track and wheel standards, Kp and Wb plans)	p10	258/Apr 90##
Graham Radcliffe	<b>Trackwork:</b> Rolleston point within a point	p12	258/Apr 90##
Brent Hopley	<b>Review:</b> Midland Line Models Dj kit	p13	258/Apr 90##
Mac Maguiness	<b>Tools:</b> Tools for cardboard	p14	258/Apr 90##
Terry Bradley	<b>Fifties Focus:</b> Kingsland, Palmerston North, Kawakawa, Seddon	p16	258/Apr 90##
Alan Craig	<b>Plan and photos:</b> Drewry 0-6-0 Tr rail tractor	p18	258/Apr 90##
Kerry Willard	<b>Locomotivery:</b> Some 2ft gauge models in 9 Mil (1:34) scale (includes Ruston Hornsby plan)	p23	258/Apr 90##
Russell Postlewaight	<b>Locomotivery:</b> Up Black Creek on the narrow gauge – Kit Bb to B conversion	p29	258/Apr 90##



	<b>Books</b>	p23	258/Apr 90##
John Agnew	<b>Our Heritage:</b> Railcars, Clayton, Alldays & Onions	p30	258/Apr 90##
	<b>Turntable:</b> Brief notes	p32	258/Apr 90##
	<b>Postbox</b>	p33	258/Apr 90##
John Agnew	<b>Our Heritage:</b> Railcars, Westinghouse and Red Terror	p34	258/Apr 90##
Wayne Haste/Kevin Durrant	<b>Structures:</b> Water tanks from Badedas bottle cap	p36	258/Apr 90##
NZR Publicity	<b>Photo:</b> Ja1275 Paekakariki	Cover	259/Jun 90##
Keith Tomlinson	<b>Locomotivery:</b> Building Wf62 (features new chassis)	p6	259/Jun 90##
Paul Berntsen	<b>1:34 Layout:</b> Tales of the Korero railway: Trackwork/electrics	p8	259/Jun 90##
D Hood	<b>Plan:</b> National Park yard	p11	259/Jun 90##
Alan Craig	<b>Plan and photos:</b> Drewry 0-4-0 Tr class rail tractor	p12	259/Jun 90##
	<b>Fifties Focus:</b> Cross Creek and Summit	p16	259/Jun 90##
	<b>Postbox</b>	p18	259/Jun 90##
	<b>Turntable:</b> Brief notes	p18	259/Jun 90##
	<b>Books</b>	p19	259/Jun 90##
Russell Postlewaight	<b>Locomotivery:</b> Up Black Creek on the narrow gauge – B loco chassis	p20	259/Jun 90##
John Whyte	<b>Plan and Photo:</b> Portland station	p24	259/Jun 90##
Wayne Brindle	<b>Plan, text and Photo:</b> Atlantic Union private owner tank wagon	p26	259/Jun 90##
John Whyte	<b>Plan, text and Photo:</b> Shell private owner tank wagon	p27	259/Jun 90##
Kerry Willard	Plans, modelling details: NZR Coaling crane and jigger (velocipede) in 1:64 scale	p28	259/Jun 90##
John Agnew	<b>Our Heritage:</b> A610 Dunedin, Ua177 Gore, L509 Newmarket shops, Ww639 near Kingsland	p30	259/Jun 90##
Dave Harris	<b>Plan and Photo:</b> H-9 cattle wagon	p32	259/Jun 90##
Bill Cousins	<b>Photos:</b> Stations Waiuku and Millers Flat (similar to Kawakawa)	p33	259/Jun 90##
John Agnew	<b>Our Heritage:</b> Ba497 Christchurch, old Gs on Waitohi Viaduct, Wf432 Waitohi Viaduct	p34	259/Jun 90##
	<b>Journal Jewels:</b> Some models by Russell Smith	p36	259/Jun 90##
	<b>Journal Jewels:</b> Some models by Russell Smith	p36	259/Jun 90##
Karl Morris	<b>Report:</b> The Waitemata 150 Convention	p39	259/Jun 90##
Colin Zeff	<b>Report:</b> My convention (Waitemata Convention)	p40	259/Jun 90##
Terry Bradley	<b>Photos:</b> Waitemata convention	p41	259/Jun 90##
Ian Robertson	<b>Report:</b> Across Australia by broad, standard and narrow gauges	p45	259/Jun 90##
Graham Radcliffe	<b>Trackwork:</b> Three-way point in Waitara yard	p45	259/Jun 90##

Russell Postlewaight/Bill Cousins	<b>Photos:</b> B locomotive/sheep wagons	Cover	260/Aug 90##
Bill Cousins	<b>Car &amp; wagon:</b> Sheep wagons my way – J-2 sheep wagons from stripwood	p6	260/Aug 90##
Russell Postlewaight	<b>Locomotivery:</b> Up Black Creek on the narrow gauge – B loco superstructure (includes plan)	p12	260/Aug 90##
	<b>Fifties Focus:</b> X class, 440, 443, 588, 596, 443, 597, 441, 590	p16	260/Aug 90##
L G Shaw	<b>Journal Jewels:</b> Burkes station, Catlins sawmill	p18	260/Aug 90##
Alan Craig	<b>Plan and photos:</b> Drewry Tr class 0-4-0	p19	260/Aug 90##
Paul Berntsen	<b>1:34 Layout:</b> Tales of Korero railway – Scenery	p24	260/Aug 90##
	<b>Postbox</b>	p28	260/Aug 90##
John Agnew	<b>Our Heritage:</b> T102 Auckland, Newmarket, T101 in workshop	p30	260/Aug 90##
Murray Edmonds	<b>Layout Ideas:</b> High tech backscenes	p33	260/Aug 90##
John Agnew	<b>Our Heritage:</b> WMR locos, 17, 7, Paekakariki Station, 11/Ob455	p34	260/Aug 90##
	<b>Review:</b> Injection moulded wooden L wagons	p36	260/Aug 90##
Graham Radcliffe	<b>Trackwork:</b> Stillwater moving frog double slip	p37	260/Aug 90##
NZR Publicity	<b>Photo:</b> Ka949 and another Ka descending Raurimu Spiral	Cover	261/Oct 90##
Peter Sewell	<b>Locomotivery:</b> Price D loco in 9 Mil (1:34) scale	p6	261/Oct 90##
Richard Hudson	<b>Electrics:</b> An approach to train detection (suitable for three-rail only)	p8	261/Oct 90##
Russell Postlewaight	<b>Scenicking:</b> Up Black Creek on the narrow gauge – Scenery and vegetation	p10	261/Oct 90##
Karl Morris/Paul Berntsen	<b>Review:</b> The Sunlander K and Ka	p13	261/Oct 90##
	<b>Fifties Focus:</b> Streamlined Kas, 942 Mauku, 945 Auckland, 940 Frankton, 942 Taihape	p16	261/Oct 90##
	<b>Plans and Photos:</b> Ca wagons	p18	261/Oct 90##
Paul Napier/Bob Stott	<b>Plan and Photo:</b> NZR bush jigger	p22	261/Oct 90##
Peter Hodge	Plans, text, <b>Photos:</b> PWD Ford T locos	p23	261/Oct 90##
	<b>Postbox</b>	p28	261/Oct 90##
	<b>Books</b>	p29	261/Oct 90##
John Agnew	<b>Our Heritage:</b> Garratts Thorndon, Plimmerton (W H Raine photos, R J Searle collection)	p30	261/Oct 90##
	<b>Journal Jewels:</b> Featuring David Gill, Colin Zeff, Paul Berntsen, Ian Munro, Brian Cross, John Agnew	p32	261/Oct 90##
John Agnew	<b>Our Heritage:</b> Garratts Thorndon, Hutt Rd	p36	261/Oct 90##
Paul Berntsen	<b>1:34 Layout:</b> Tales of the Korero railway – Locomotives and rolling stock	p36	261/Oct 90##
NZR Publicity/Colin Zeff	<b>Photo:</b> Real and model Abs	Cover	262/Dec 90##

Colin Zeff	<b>Locomotivery:</b> Let's build an Ab part 1, tender	p6	262/Dec 90##
Richard Hudson	<b>Electrics:</b> Electronic model signalling systems part 1 (German practice)	p11	262/Dec 90##
John Rappard	<b>Car &amp; wagon:</b> Ub and Usl wagons in NZ120 scale	p14	262/Dec 90##
	<b>Fifties Focus:</b> Ab773 Helensville, J1230 Frankton, Ba500 Dunedin, Aerial view Ohakune	p16	262/Dec 90##
Paul Berntsen	<b>1:34 Layout:</b> Tales of the Korero railway – Conclusion	p18	262/Dec 90##
Mac Maginness	<b>Car &amp; wagon:</b> Rolling stock compensation	p21	262/Dec 90##
John Whyte	<b>Plans and Photos:</b> Public telephone boxes	p24	262/Dec 90##
Harry Welch	<b>Signalling:</b> Building a lever frame	p26	262/Dec 90##
John Agnew	<b>Our Heritage:</b> Ub Cromwell 1901, Lambton Station 1928, Ab610 Dunedin, Lincoln 1908	p30	262/Dec 90##
Bill Richmond	<b>Journal Jewels:</b> Photos and text of Tring Cutting, etc	p32	262/Dec 90##
John Agnew	<b>Our Heritage:</b> Ambulance cars, A1977 Otahuhu, various ex WMR	P34	262/Dec 90##
	<b>Postbox</b>	p36	262/Dec 90##
	<b>Club Chat:</b> Christchurch, Wellington	p36	262/Dec 90##
	<b>Turntable:</b> Brief notes	p37	262/Dec 90##
Kerry Willard	<b>Report:</b> "Page 90" model railway exhibition Porirua	p37	262/Dec 90##
Alec Salisbury	<b>Perspective:</b> Proposed track and wheel standards for NZ120	p40	262/Dec 90##
Paul Berntsen	<b>Locomotivery:</b> Motors and gearing part one, drives and motors from the old days	p40	262/Dec 90##
John Rappard/Brian McKenzie	<b>Photo:</b> Palmerston in NZ120 scale (two-page spread)	p42	262/Dec 90##
Kerry Willard	<b>Photos:</b> A scene on Kotanga 1:34	Cover	263/Feb 91##
Paul Berntsen	<b>Layout Ideas:</b> Starting out, part one	p6	263/Feb 91##
Paul Napier/Bob Stott	<b>Plan and Photo:</b> NZR Mamaku bush jigger	p9	263/Feb 91##
Kerry Willard	<b>1:34 Layout:</b> The Kotanga railway	p10	263/Feb 91##
.	<b>Postbox</b>	p14	263/Feb 91##
	<b>Books</b>	p14	263/Feb 91##
	<b>Trade news:</b> South Head coaling crane, Dynamic Diesels Nc kit	p15	263/Feb 91##
	<b>Fifties Focus:</b> Climaxes, 1650 Ongarue, Pukemiro; 522, 898 Mangapehi	p16	263/Feb 91##
	<b>Plan and Photo:</b> The Bagnall Tr	p18	263/Feb 91##
Colin Zeff	<b>Locomotivery:</b> Let's build an Ab part two, the locomotive	p22	263/Feb 91##
Richard Hudson	<b>Electrics:</b> Electronic model signalling systems part 2	p27	263/Feb 91##
John Agnew	<b>Our Heritage:</b> Bush scenes, Climax 522, Climax 1650, Ongarue scene	p30	263/Feb 91##
	<b>Club Chat:</b> Sydney, 3/16 NZR railfans, Pokaka '90,	p32	263/Feb 91##

	<b>Turntable:</b> Brief notes	p32	263/Feb 91##
John Agnew	<b>Our Heritage:</b> Manunui sawmill, Ongarue camp, Ongarue tram bridge	p34	263/Feb 91##
Russell Postlewaight	<b>Structures:</b> Up Black Creek on the narrow gauge – Coal mines	p36	263/Feb 91##
Graham Radcliffe	<b>Trackwork:</b> Addington single slip	p38	263/Feb 91##
Reid McNaught	<b>Photo:</b> Mitsubishi Dsa's: Ohai Railway Board and 273/782 at Linwood	Cover	264/Apr 91##
Paul Berntsen	<b>Layout Ideas:</b> Starting out part two, benchwork	p6	264/Apr 91##
Ken Cousins	<b>Locomotivery:</b> Ajin Ka to Kb conversion	p10	264/Apr 91##
John Whyte/John Agnew	<b>Plan, text and photos:</b> 44ft car-van A311 (BP1353)	p13	264/Apr 91##
	<b>Fifties Focus:</b> Lepperton Junction, Ab742, Q343, Hamilton 1951	p12	264/Apr 91##
Alan Craig	<b>Plan and photos:</b> Mitsubishi Dsa	p18	264/Apr 91##
Peter Wood	<b>Perspective:</b> Scale/gauge discussion, Proto 7n3½ (1:43) proposal	p23	264/Apr 91##
	<b>Postbox</b>	p25	264/Apr 91##
	<b>Trade News</b>	p25	264/Apr 91##
	<b>Turntable:</b> Brief notes, railway radio frequencies	p25	264/Apr 91##
	<b>Books</b>	p26	264/Apr 91##
Russell Postlewaight	<b>Layout Ideas:</b> Up Black Creek on the narrow gauge – Conclusion	p27	264/Apr 91##
Bob Stott	<b>Plans and Photos:</b> Bush roundup – Model T speeder/jigger	p28	264/Apr 91##
John Agnew	<b>Our Heritage:</b> Davenport 528, J1231 Lyttelton 1940, Paekakariki, Napier Mail Palmerston North	p30	264/Apr 91##
John Agnew	<b>Locomotivery:</b> Let's build an Ab part three, tender variations	p32	264/Apr 91##
John Agnew	<b>Our Heritage:</b> Dunedin 1913, Original Auckland station, Ab839 Wellington, T class Deep Stream c1900	p34	264/Apr 91##
Brian McKenzie	<b>Photo:</b> John Harrison's Kb on the Christchurch MRC's portable 16.5mm layout	Cover	261/Jun 91##
Max Maginness	<b>Car &amp; wagon:</b> Building a Uga wagon in Sn3½ (1:64)	p6	261/Jun 91##
Paul Berntsen	<b>Layout Ideas:</b> Starting out part two (sic) laying track	p6	261/Jun 91##
Kerry Willard	<b>Locomotivery:</b> Johnson 0-6-0 tank in 1:34	p12	261/Jun 91##
Kerry Willard	<b>Products:</b> Ilford XP1 film	p13	261/Jun 91##
John Darlington	<b>Rail history:</b> Unique NZ railway wagon transporter	p14	261/Jun 91##
Noel Maginnity	<b>Car &amp; wagon:</b> Equalised wagon chassis	p15	261/Jun 91##
	<b>Fifties Focus:</b> Peckett pair Portland, Climax 1650 Ongarue, Uc365 Stillwater and north of Greymouth	p16	261/Jun 91##
Trevor Cheer	<b>Plan and photos:</b> Price Tr shunting tractors	p18	261/Jun 91##
Dave Harris/Les Downey	<b>Plan and photos:</b> La-4 wagon	p23	261/Jun 91##

Paul Napier	<b>Plan, text and photos:</b> A 9 Mil (1:34) Natrass rail tractor	p24	261/Jun 91##
	<b>Postbox</b>	p27	261/Jun 91##
	<b>Books</b>	p29	261/Jun 91##
John Agnew	<b>Our Heritage:</b> Unloading O hopper Westport, K92 Pomahaka, South end Frankton 1903, R272 Christchurch	p30	261/Jun 91##
	<b>Journal Jewels:</b> Bill Cousins' 3/16-scale (1:64) models, Ua117, coaling crane, E3199, A421	p32	261/Jun 91##
John Agnew	<b>Our Heritage:</b> Hyslops D cars, D137, D139, D26, "drovers" F van, F10/Ep2501	p34	261/Jun 91##
	<b>Club Chat:</b> Wellington	p36	261/Jun 91##
	<b>Turntable:</b> Brief notes	p36	261/Jun 91##
	<b>Hints and tips:</b> Filling joints in whitmetal kits	p36	261/Jun 91##
	<b>Trade news:</b> Cab details for Canterbury J	p36	261/Jun 91##
NZR Publicity	<b>Photo:</b> Ww679 on Rewanui Incline 1960	Cover	262/Aug 91##
John Rappard	<b>Locomotivery:</b> Df loco in NZ120 (includes plan)	p6	262/Aug 91##
Peter Hodge	<b>Rail history:</b> Puponga Coal Co (2ft gauge)	p8	262/Aug 91##
Graham Venning	<b>Layout Ideas:</b> Starting out part three (sic) hand spiked track	p12	262/Aug 91##
Kerry Willard	<b>Perspective:</b> Failing eyesight needn't be a problem (1:12 scale modelling)	p15	262/Aug 91##
	<b>Fifties Focus:</b> Ab715 Te Kuiti, Ww644 Onehunga, Ja1278 Otahuhu, Otira locomotive depot	p16	262/Aug 91##
Trevor Cheer	<b>Plan and photos:</b> General Electric Dh class	p18	262/Aug 91##
Bob Stott	<b>Postbox:</b> 1977/1981 loco colours	p22	262/Aug 91##
	<b>Books</b>	p23	262/Aug 91##
	<b>Plan:</b> Sectional diagram of Ab loco	p24	262/Aug 91##
	<b>Journal Jewels:</b> Text and photos of NZR-ised UK wagons by Darryl Palmer	p26	262/Aug 91##
	<b>Bush Roundup:</b> Ketetahi timber bridge	p28	262/Aug 91##
John Agnew	<b>Our Heritage:</b> Old Auckland Station and Rotorua Express leaving 1905, second station 1920	p30	262/Aug 91##
John Rappard/Brian McKenzie	<b>Photo:</b> Dunedin 1872 modelled in NZ120	p32	262/Aug 91##
John Agnew	<b>Our Heritage:</b> Ww675 old Auckland Station, second Auckland Station, Auckland loco sheds	p34	262/Aug 91##
Don Weston	<b>Photo:</b> J1224 on Auckland 9 Mil portable layout	Cover	263/Oct 91##
Peter Sewell	<b>1:34 Layout:</b> The 9 Mil Piha Tramway	p6	263/Oct 91##
Colin Zeff	<b>Layout Ideas:</b> Local line connects port with town and hinterland, intersects trunk line	p13	263/Oct 91##
Brian McKenzie	<b>Journal Jewels:</b> 9 Mil (1:34) John Gardener Kb and Ab, Nelson Kennedy D, Wayne Brindle's A410	p14	263/Oct 91##
	<b>Fifties Focus:</b> C859 Queens Wharf, Ab829 Lower Hutt, TTT Mallet Pukitaki Stream, Wab800 Petone	p16	263/Oct 91##

	<b>Postbox</b>	p18	263/Oct 91##
	<b>Turntable:</b> Brief notes	p19	263/Oct 91##
Bob Stevens	<b>Plan:</b> NZR 12,000 gallon water vat	p20	263/Oct 91##
David Lowe	<b>Layout Ideas:</b> Starting out part four (sic): Reference sources for buildings	p22	263/Oct 91##
Alan Craig	<b>Plans:</b> NZR colour light signals	p24	263/Oct 91##
	<b>Club Chat:</b> UK	p28	263/Oct 91##
	<b>Trade News</b>	p28	263/Oct 91##
	<b>Books</b>	p28	263/Oct 91##
Ian Robertson	<b>Report:</b> Broad gauge branch lines – modelling in Victoria, Australia	p28	263/Oct 91##
John Agnew	<b>Our Heritage:</b> Wharf scenes. J236 Wellington, New Plymouth, Ww564 Ahuriri, F257 Queens Wharf	p30	263/Oct 91##
	<b>Photos:</b> Black Creek album – Robin Knight's Price 16-wheeler and Ed; Brian Cross's U (all 1:64 scale)	p32	263/Oct 91##
Wayne Haste	<b>Photos:</b> Uge and Ge explosives wagons	p33	263/Oct 91##
John Agnew	<b>Our Heritage:</b> Wf/Wb Wellington 1905, Wf431 Wanganui 1908, Ww645 Ngaio Bank 1927, Garratt Makatote	p34	263/Oct 91##
Nelson Provincial Museum	<b>Photo:</b> Takaka tram on limestone ledge	Cover	264/Dec 91##
Hodge	<b>Rail history:</b> The Takaka tramway – pioneer narrow gauge	p6	264/Dec 91##
John Rappard	<b>Locomotivery:</b> Dx loco in NZ120 (includes plan)	p10	264/Dec 91##
David Lowe	<b>Layout Ideas:</b> Starting out part five (sic) – More reference sources for buildings	p12	264/Dec 91##
	<b>Fifties Focus:</b> Castlecliff Railway 1950	p16	264/Dec 91##
Ian Munro	<b>Lineside:</b> Small hotel Thorndon Quay	p18	264/Dec 91##
Alan Craig	<b>Plan and photos:</b> Price Tr 100 - 109	p19	264/Dec 91##
	<b>Postbox</b>	p22	264/Dec 91##
	<b>Books</b>	p22	264/Dec 91##
	<b>Turntable:</b> Brief notes	p22	264/Dec 91##
NZ Railways Corp	<b>Plan:</b> HBR coal container	p25	264/Dec 91##
Brian Eastergaard	<b>Plan and photos:</b> The Fb loco	p26	264/Dec 91##
John Agnew	<b>Our Heritage:</b> 1920s hoardings/vehicles, Ww568 Parnell Bank, Crossing Kakahi 1909, Helensville 1930s	p30	264/Dec 91##
Max Maginness	<b>Journal Jewels:</b> 3/16-scale (1:64) NZR layout near Seattle	p32	264/Dec 91##
John Agnew	<b>Our Heritage:</b> J83 Linwood, F113 Outram, Glen Massey 1930, A425 Wellington 1920	p34	264/Dec 91##
Paul Napier	<b>Plan and photos:</b> Smiths railtruck Mamaku	p36	264/Dec 91##
NZR Publicity	<b>Photo:</b> F13 Lyttelton	Cover	265/Feb 92##

Keith Collins	<b>Layout Ideas:</b> The Heads Railway (Castlecliff)	p6	265/Feb 92##
John Dunne	<b>Report:</b> The Keirunga Park Railway	p10	265/Feb 92##
David Lowe	<b>Layout Ideas:</b> Starting out part six (sic) – More reference sources for buildings	p12	265/Feb 92##
Robin Knight	<b>Locomotivory:</b> Motorising Natrass tractor in 3/16 (1:64) scale	p15	265/Feb 92##
	<b>Fifties Focus:</b> Helensville, Ab 830 1951, J1203 1949, J1220 Opuia, Ab830 Kaukapakapa	p16	265/Feb 92##
Ray Lantz	<b>Plan and photos:</b> NZR C class 0-4-0	p18	265/Feb 92##
Stephen Thompson	<b>Plan and photos:</b> NZR Craven steam cranes	p19	265/Feb 92##
John Whyte	<b>Added detail:</b> Ea2856 a 9 Mil (1:34) car/van	p25	265/Feb 92##
	<b>Postbox</b>	p26	265/Feb 92##
	<b>Books</b>	p27	265/Feb 92##
	<b>Trade News</b>	p27	265/Feb 92##
	<b>Turntable:</b> Brief notes	p27	265/Feb 92##
Ian Munro	<b>Lineside:</b> Rural level crossing, railway underpass	p28	265/Feb 92##
Paul Napier	<b>Plan and Photo:</b> Ogilvie & Co bush railcar	p29	265/Feb 92##
John Agnew	<b>Our Heritage:</b> A round Caroline Bay, Wab797 Raurimu, Wf398 Greytown, Wf400 Woodside	p30	265/Feb 92##
Karl Morris	<b>Review:</b> The Online RTR 1:64 Ab	p6	265/Feb 92##
John Agnew	<b>Our Heritage:</b> A473 Huntly, A478 Mercer, Wd326 Auckland, Dubs F and train Helensville	p34	265/Feb 92##
Bob Stevens	<b>Plan:</b> Tunnel and buffer standards	p36	265/Feb 92##
Bob Stevens	<b>Plan:</b> NZR 5ft 6in wheelbase N wagon	p37	265/Feb 92##
Peter Hodge	<b>Photo:</b> A scene on the Ninemill Valley Tram	Cover	266/Apr 92##
Peter Hodge	<b>1:34 Layout:</b> The Ninemill Valley Tram: 2ft gauge in 9 Mil (1:34) scale	p6	266/Apr 92##
David Lowe	<b>Layout Ideas:</b> Starting out part seven (sic) – More reference sources for buildings	p10	266/Apr 92##
Peter Cameron/Maurie Duston	<b>Journal Jewels:</b> Scenes on Peter Cameron's 3/8 (1:32) scale layout	p13	266/Apr 92##
	<b>Fifties Focus:</b> B308 Timaru, Ba497 Oamaru, Castlecliff Railway C21 and Nasmyth Wilson 0-6-0T	p16	266/Apr 92##
NZ Railways Corp/Trevor Cheer	<b>Plan and photos:</b> Pk wagon	p18	266/Apr 92##
NZ Railways Corp/Trevor Cheer	<b>Plan:</b> Za wagon	p20	266/Apr 92##
Kerry Willard	<b>Locomotivory:</b> Simplex locomotives – a legacy of war	p22	266/Apr 92##
Peter Hodge	<b>Rail history:</b> 40hp Simplex war veteran	p26	266/Apr 92##
	<b>Postbox</b>	p27	266/Apr 92##
	<b>Books</b>	p28	266/Apr 92##
Keith Collins	<b>Layout Ideas:</b> Heads Railway, Castlecliff, track plans	p29	266/Apr 92##

John Agnew	<b>Our Heritage:</b> Castlecliff Railway scenes	p30	266/Apr 92##
Bob Stevens	<b>Plans:</b> Two Auckland trams	p32	266/Apr 92##
John Agnew	<b>Our Heritage:</b> Castlecliff locomotives, G57, C166 "Moana"	p34	266/Apr 92##
Graham Radcliffe	<b>Lineside:</b> Manawatu Gorge limeworks	p36	266/Apr 92##
Karl Morris	<b>Review:</b> 9 Mil (1:34) 56ft car kit	p35	266/Apr 92##
Brian McKenzie	<b>Photo:</b> Richard Rowe's 9 Mil (1:34) scale model of Wa165	Cover	267/Jun 92##
	<b>New Guild Executive:</b> Robin Knight, Peter Ross, Allan Guy, John Gardener, Wayne Mills, Graham Radcliffe	p6	267/Jun 92##
Nelson Kennedy	<b>Locomotivory:</b> Life after 3ft drivers – Making 57in driving wheels in 9 Mil (1:34) scale	p7	267/Jun 92##
John Gardener	<b>Locomotivory:</b> Quartering drivers (driving wheels)	p9	267/Jun 92##
Karl Morris	<b>Report:</b> 1992 Wairarapa convention	p11	267/Jun 92##
Brian McKenzie	<b>Photos:</b> Dunedin Station, Rhys Batchelor, 1:120 scale. Wa 165, Richard Rowe, 1:34 scale.	p12	267/Jun 92##
Brian McKenzie	<b>Photos:</b> W192, Nelson Kennedy, 1:34 scale. Davidson P "Weka", Neil Andrews, 1:34 scale.	p13	267/Jun 92##
Brian McKenzie	<b>Photo:</b> Hoskins Creek on the Christchurch TTn3½ modular layout, 1:120 scale.	p14	267/Jun 92##
Graham Radcliffe	<b>Fifties Focus:</b> Wab803 Parnell Bridge, Ab661 Palmerston North, Ab704 Matata, new Dg's Summit	p16	267/Jun 92##
Paul Andersen-Gardiner	<b>Layout Ideas:</b> A beginner learns, thoughts on building a layout	p18	267/Jun 92##
Wayne Haste/Peter Hodge	<b>Car &amp; wagon:</b> Stoker kits revisited:	p19	267/Jun 92##
Cedric Green	<b>Plans:</b> 44ft second class car BP2536, 44ft second class car BP1733	p20	267/Jun 92##
John Gardener	<b>Perspective:</b> Scenery – learning from plastic modellers	p22	267/Jun 92##
	<b>Plan and photos:</b> Kc, K and X wagon painting and lettering	p23	267/Jun 92##
	<b>Plan and photos:</b> L wagon painting and lettering	p25	267/Jun 92##
David Lowe	<b>Layout Ideas:</b> Starting out part eight (sic) – More reference sources for buildings	p26	267/Jun 92##
Brian Cross	<b>Obituary:</b> Geoff Hodgkinson UK Guild representative	p29	267/Jun 92##
	<b>Club Chat</b>	p29	267/Jun 92##
Graham Radcliffe	<b>Our Heritage:</b> New Plymouth c1910, 1912, "Josephine" Mangaweka Viaduct and on work train	p30	267/Jun 92##
	NZAMRC model competition results	p32	267/Jun 92##
John Agnew	<b>Our Heritage:</b> Gilbert Bush cars, Dunedin 1945, Palmerston 1945, Waimak Gorge 1884, Buckhurst 1925	p30	267/Jun 92##
	<b>Trade News</b>	p36	267/Jun 92##
John Gardener	<b>Tools:</b> New uses for old files	p36	267/Jun 92##
Don Weston	<b>Photo:</b> Clear view of Ja coal tender front	p37	267/Jun 92##
Brian McKenzie	<b>Photo:</b> Robin Knight's convention award winning Ws locomotive (1:64 scale)	Cover	268/Aug 92##



Brent Hopley	<b>Rail history:</b> The Charming Creek Coal Co	p6	268/Aug 92##
Noel Cresswell	<b>Locomotivery:</b> Dsg loco in NZ120 (includes plan)	p10	268/Aug 92##
	<b>Photos:</b> Wairarapa convention prize winners	p6	268/Aug 92##
John Agnew/Graham Radcliffe	<b>Fifties Focus:</b> PWD Fowler 539 Waiouru 1954, Linton 1971	p16	268/Aug 92##
Paul Napier	<b>Plan and photos:</b> Union Foundry tractor	p18	268/Aug 92##
Brian McKenzie	<b>Photos:</b> Convention display models: Paul Berntsen's 1:34 T102; Norm Gaby's 1:64 Craven crane	p20	268/Aug 92##
Gerald Petrie	<b>Loco File:</b> F184	p22	268/Aug 92##
	<b>Plan and photos:</b> H wagon painting and lettering	p23	268/Aug 92##
	<b>Plan and photos:</b> Xp, Xa, Xb wagon painting and lettering.	p25	268/Aug 92##
Graham Radcliffe	Beyond the Fifties: Masterton 1900s and 1964,	p26	268/Aug 92##
John Gardener	<b>Locomotivery:</b> From the rails up – accurate axle and crank holes	p28	268/Aug 92##
John Gardener	<b>Tools:</b> New uses for old drills	p29	268/Aug 92##
John Agnew/Graham Radcliffe	<b>Our Heritage:</b> Kakahi 1905, Hapuawhenua Viaduct 1914, Taihape 1909 and 1920s	p30	268/Aug 92##
	<b>Postbox</b>	p32	268/Aug 92##
	<b>Book Corner</b>	p32	268/Aug 92##
John Agnew/Graham Radcliffe	<b>Our Heritage:</b> Lyttelton early 1900s and 1964,	p34	268/Aug 92##
	<b>New Guild Executive:</b> Jim Staton, Colin Barry, Bill Pierson, Brent Hopley	p36	268/Aug 92##
Graham Radcliffe	<b>Photo:</b> Charming Creek 1964	p37	268/Aug 92##
Don Weston	<b>Photo:</b> Lester Hopkins' 3/8 (1:32) scale model of a Dunedin tram	Cover	269/Oct 92##
Peter Ross	<b>Locomotivery:</b> Wf revisited part one, setting some goals	p6	269/Oct 92##
John Gardener	<b>Report:</b> Dunedin Little Train Show	p8	269/Oct 92##
John Gardener	<b>1:64 Layout:</b> Excellence in 3/16 – Christchurch MRC modular layout	p9	269/Oct 92##
John Gardener	<b>NZ120 Layout:</b> A masterpiece in TTn3½ (NZ120) – Otago Model Engineers' portable layout	p10	269/Oct 92##
Lester Hopkins	<b>Self-propelled:</b> Dunedin trams in 1:32 scale	p11	269/Oct 92##
David Lowe	<b>Layout Ideas:</b> Starting out part nine (sic) – More sources of references for buildings	p12	269/Oct 92##
Graham Radcliffe/John Agnew	<b>Fifties Focus:</b> Raurimu – Ka945, Jb1230/Ka946 1955, K919, Df/Jb 1955	p16	269/Oct 92##
Jack McClare	<b>Prototype:</b> Headlight positions on K classes	p18	269/Oct 92##
Paul Napier	<b>Plans and Photos:</b> Smith's Mamaku railtrucks	p20	269/Oct 92##
Gerald Petrie	<b>Loco File:</b> Wa64	p22	269/Oct 92##
John Gardener	<b>Tools:</b> Springs from old cigarette lighters	p22	269/Oct 92##
	<b>Plan and photos:</b> Rp wagon painting and lettering.	p23	269/Oct 92##

	<b>Plan and photos:</b> Za wagon painting and lettering.	p25	269/Oct 92##
Graham Radcliffe	<b>The Four Corners:</b> Okaihau 1974, Gisborne 1955, Bluff 1955, Tuatapere 1961	p26	269/Oct 92##
John Gardener	<b>Locomotivory:</b> From the rails up – loco chassis and rods	p28	269/Oct 92##
Brent Hopley	<b>Review:</b> Online Wab kit	p29	269/Oct 92##
John Agnew/Graham Radcliffe	<b>Our Heritage:</b> Wf437 Lyttelton, Mataroa 1909, U215 Christchurch 1923, Wf486 NIMT c1907	p30	269/Oct 92##
	<b>Book Corner</b>	p32	269/Oct 92##
	<b>Trade news:</b> Adachi loco chassis	p32	269/Oct 92##
	<b>Postbox</b>	p33	269/Oct 92##
Neil Andrews	<b>Turntable:</b> Brief notes – problem solving	p33	269/Oct 92##
John Agnew	<b>Our Heritage:</b> Early stations; J261 Huntly, Ongarue, Hamilton, Palmerston North	p34	269/Oct 92##
Evan James	<b>Perspective:</b> Exhibitions, what does the public want to see?	p36	269/Oct 92##
Nelson Kennedy	<b>Photo:</b> Nelson Kennedy's 9 Mil (1:34) G class Pacific	Cover	270/Dec 92##
Nelson Kennedy	<b>Locomotivory:</b> A duet in G – Notes about G98 and G57 in 9 Mil (1:34) scale	p6	270/Dec 92##
Peter Ross	<b>Locomotivory:</b> Wf revisited part two, rebuilding the chassis, split axles, etc	p9	270/Dec 92##
Peter Dickenson	<b>Tools:</b> Mini electric drill, quartering jig, etc	p11	270/Dec 92##
Don Weston/John Gardener	<b>Photos and text:</b> Garratt G98 – A masterpiece of model engineering	p14	270/Dec 92##
	<b>Fifties Focus:</b> G class Pacifics, G97 Palmerston, G100 Hornby, G98 Ashburton, G99 Linwood	p16	270/Dec 92##
Graham Radcliffe	<b>Plans and Photos:</b> NZR Tunnels. Summit, Rewanui, Manuka, Staircase, Broken River, Johnsonville	p18	270/Dec 92##
Paul Andersen-Gardiner	<b>Report:</b> IMREX, Pendon, London Toy and Model Museum, etc	p22	270/Dec 92##
	<b>Plan and photos:</b> Uct wagon painting and lettering.	p23	270/Dec 92##
	<b>Plan and photos:</b> Uk, Uka painting and lettering.	p25	270/Dec 92##
Graham Radcliffe	<b>Christmas on the rails:</b> Q350 Ohakune, Christmas Creek bridge, We376 Greymouth, Dx2612 Swanson	p26	270/Dec 92##
Wayne Haste	<b>Car &amp; wagon:</b> Made in Haste – Freelanced steam breakdown crane	p28	270/Dec 92##
Neil Andrews	<b>Techniques:</b> Heat forming styrene	p29	270/Dec 92##
John Agnew	<b>Our Heritage:</b> Ab608 Dunedin 1939, J1222 Helensville 1949, A426 Dunedin 1939, J1231 Te Aroha 1955	p30	270/Dec 92##
	<b>Postbox</b>	p32	270/Dec 92##
	<b>Trade news:</b> Short wheelbase N wagon kit	p32	270/Dec 92##
Brent Hopley	<b>Obituary:</b> Doug Wilkinson Jnr	p33	270/Dec 92##
Graham Radcliffe/John Agnew	<b>New Plymouth Station portfolio:</b> Station 1905, J1226 1963, passenger train c1900, yard 1974	p34	270/Dec 92##
	<b>Photos:</b> Horse-drawn timber wagon, abandoned Pukerua Bay tunnel	p36	270/Dec 92##

Brian McKenzie	<b>Photo:</b> Nelson Kennedy's 9 Mil (1:34) G class Pacific	Cover	271/Feb 93##
Kevin Crosado	<b>Perspective:</b> Research while you can – Taumarunui loco depot demolition, Roxburgh water vat	p6	271/Feb 93##
John Gardener	<b>Locomotivory:</b> From the rails up – Six and eight coupled equalised chassis	p8	271/Feb 93##
Phil Rzoska	<b>Car &amp; wagon:</b> 9 Mil (1:34) Lw woodchip wagon	p11	271/Feb 93##
Colin Barry	<b>Loco File:</b> Improved F "Kaitangata"	p12	271/Feb 93##
John Gardener	<b>Products:</b> NZR modellers' market, a survey of current wagon kits	p14	271/Feb 93##
John Agnew	<b>Fifties Focus:</b> Ww682 Swanson, Ab730 Kingston, Ba551 Dunedin, Aa654 Raetihi Branch	p16	271/Feb 93##
Rod Murgatroyd	<b>Layout Ideas:</b> Kakahi yards and mill	p18	271/Feb 93##
	<b>Plan and Photo:</b> NZR 4000 gallon water vat	p20	271/Feb 93##
Stu Brown	<b>Perspective:</b> Safety notes	p22	271/Feb 93##
	<b>Plan and photos:</b> Zp wagon painting and lettering	p23	271/Feb 93##
	<b>Plan and photos:</b> Kp wagon painting and lettering	p25	271/Feb 93##
Graham Radcliffe	<b>Station selections:</b> K900 Tarukenga, A426 Tapanui, L91 Darfield, typical goods train Claudelands	p26	271/Feb 93##
Peter Ross	<b>Locomotivory:</b> Wf revisited part three, milled rods	p28	271/Feb 93##
John Agnew	<b>Our Heritage:</b> Frank Roberts' models/RSR Railway scenes	p30	271/Feb 93##
	<b>Trade news:</b> 144 degree solder	p32	271/Feb 93##
	<b>Postbox</b>	p32	271/Feb 93##
	<b>Club Chat:</b> 3/16 Auckland Railfans	p32	271/Feb 93##
John Agnew/Graham Radcliffe	<b>Our Heritage:</b> Brownlee "Twins" Barclay 0-4-0 + 0-4-0 together and apart	p34	271/Feb 93##
	<b>Photos:</b> Horse-drawn timber wagon, abandoned Pukerua Bay tunnel	p36	271/Feb 93##
Graham Radcliffe	<b>Photos:</b> Brent Hopley's 3/16 (1:64) Dj3499 on the Rewanui Incline	Cover	272/Apr 93##
Brent Hopley	<b>Rail history:</b> Rewanui	p6	272/Apr 93##
Stephen Thompson	<b>Layout Ideas:</b> Rewanui and track plan	p8	272/Apr 93##
Phil Rzoska	<b>Car &amp; wagon:</b> 9 Mil (1:34) Lw woodchip wagon part two	p10	272/Apr 93##
Stu Brown	<b>Layout Ideas:</b> Planning your railroad empire	p11	272/Apr 93##
John Gardener	<b>Locomotivory:</b> From the rails up – Valve gear	p12	272/Apr 93##
Graham Radcliffe	<b>Signal boxes:</b> Aramoho South, Studholme Junction, Dannevirke, Sawyers Bay Station	p16	272/Apr 93##
Wayne Brindle	<b>Structures:</b> Remuera signal box in 3/16 (1:64) scale	p18	272/Apr 93##
Chris Bradley	<b>Plan:</b> Standard 24 lever signal box	p20	272/Apr 93##
Gerald Petrie	<b>Loco File:</b> "Kangaroo", Shanks 0-4-0ST of 1875	p22	272/Apr 93##
	<b>Plan and photos:</b> Lpa wagon painting and lettering	p23	272/Apr 93##

	<b>Plan and photos:</b> Bf wagon painting and lettering	p25	272/Apr 93##
Graham Radcliffe	<b>Rewanui:</b> Typical mixed train, Ww684 taking water, Ww679 near bins and mine entrance	p26	272/Apr 93##
Graham Radcliffe	<b>Photo:</b> Rewanui from above	p28	272/Apr 93##
Stu Brown	<b>Perspective:</b> Finish those old projects	p29	272/Apr 93##
	<b>Trade Review</b>	p29	272/Apr 93##
	<b>Club Chat</b>	p29	272/Apr 93##
	<b>Turntable:</b> Brief notes	p29	272/Apr 93##
Graham Radcliffe	<b>Early NZR Diesels:</b> Da1414 Woodville, De511 Ngaio, Dg763,769,764 Murupara, Df1509 Kawerau	p30	272/Apr 93##
Peter Ross	<b>Scenicking:</b> Underfelt – modelling medium for scrub and low bush	p32	272/Apr 93##
Graham Radcliffe	<b>On the South Line:</b> Ab807 Sockburn, Islington, Hornby, Ja1242 Templeton	p34	272/Apr 93##
	<b>Postbox</b>	p36	272/Apr 93##
Graham Radcliffe	<b>Early NZR Diesels:</b> Da1414 Woodville, De511 Ngaio, Dg763,769,764 Murupara, Df1509 Kawerau	p34	272/Apr 93##
Wayne Mills	<b>Rail history:</b> Horse exhaust “pooper scooper”	p36	272/Apr 93##
John Gardener	<b>Products:</b> Modellers’ market – a survey of current wagon kits	p37	272/Apr 93##
Derek Cross	<b>Photos:</b> Ohakune 1954 with two southbound trains	Cover	273/Jun 93##
Paul Berntsen	<b>Locomotivery:</b> Taupo Totara Timber Company Mallet in Sn3½ (1:64) scale	p6	273/Jun 93##
Peter Ross	<b>Locomotivery:</b> Wf revisited part four, the body	p10	273/Jun 93##
John Gardener	<b>Locomotivery:</b> From the rails up – Valve gear made easy	p12	273/Jun 93##
Graham Radcliffe	<b>Fifties Focus:</b> Signal boxes: Longburn, Ngaurukehu, Jb1200 Ngaruawahia, Palmerston North South Box	p16	273/Jun 93##
Graham Radcliffe	<b>Loco File:</b> The Vulcan railcar	p18	273/Jun 93##
John Harrison	<b>Car &amp; wagon:</b> Building a Vulcan from scratch (9 Mil/1:34 scale)	p19	273/Jun 93##
Mark Cole	<b>Plan:</b> Vulcan railcar	p20	273/Jun 93##
Gerald Petrie	<b>Loco File:</b> O99, Baldwin 7569 of 1885	p22	273/Jun 93##
	<b>Plan and photos:</b> Yh wagon painting and lettering	p23	273/Jun 93##
John Gardener	<b>Products:</b> Modellers’ market – a survey of current wagon kits	p25	273/Jun 93##
Graham Radcliffe	<b>The Vulcan railcar:</b> RM57 Dunedin, RM52 Elmer Lane, RM52 Linwood, RM52 and 58 Stillwater	p26	273/Jun 93##
Phil Rzoska	<b>Review:</b> 9 Mil (1:34) rail tank wagon kit	p28	273/Jun 93##
John Agnew	<b>Our Heritage:</b> Frank Roberts’ models on RSR Railway	p30	273/Jun 93##
	<b>Turntable:</b> Brief notes	p32	273/Jun 93##
	<b>Book Corner</b>	p32	273/Jun 93##
Peter Ross	<b>Techniques:</b> Off the level: Contouring Pinex softboard	p33	273/Jun 93##

John Agnew	<b>Our Heritage:</b> Loco depots, Thorndon 1930s, Petone, Auckland 1952, Frankton 1924	p34	273/Jun 93##
	<b>Postbox</b>	p36	273/Jun 93##
	<b>Club Chat:</b> Wellington	p37	273/Jun 93##
Graham Radcliffe	<b>Photo:</b> Scene on Stephen Ball's 3/16 (1:64) scale layout	p6	274/Aug 93##
Stephen Ball	<b>1:64 Layout:</b> Westport to Reefton in 3/16 (1:64) scale	p6	274/Aug 93##
Graham Radcliffe	<b>Rail history:</b> Signal boxes	p10	274/Aug 93##
Mike Kearney	<b>Layout Ideas:</b> Arch bead spline sub-roadbed	p11	274/Aug 93##
John Gardener	<b>Locomotivery:</b> From the rails up: Cylinders	p12	274/Aug 93##
Graham Radcliffe	<b>Our Heritage:</b> Ormondville 1910 and 1964, Waitoa 1950 and 1958	p16	274/Aug 93##
Richard Rowe/Mark Cole	<b>Car &amp; wagon:</b> 9 Mil (1:34) 56ft passenger cars and a van (includes second class car plan)	p18	274/Aug 93##
Stephen Thompson	<b>Operation:</b> Timetable diagrams	p24	274/Aug 93##
Peter Parker	<b>Obituary:</b> John Smythe	p25	274/Aug 93##
Robin Knight	<b>Locomotivery:</b> Motorising small locomotives	p28	274/Aug 93##
John Agnew	<b>Our Heritage:</b> Palmerston North, Napier Mail, mixed train. Invercargill Express. New Plymouth Mail	p30	274/Aug 93##
	<b>Postbox</b>	p32	274/Aug 93##
	<b>Trade Review:</b> Branchlines gearboxes	p33	274/Aug 93##
Graham Radcliffe/Jack Buckley	<b>Tawa Deviation:</b> Ab 1934, Ab north portal No.1 tunnel, last train, Field's Express 1939	p34	274/Aug 93##
	<b>Book Corner</b>	p36	274/Aug 93##
J L Stitchbury	<b>Photos:</b> Climax 1650 Ongarue 1956	Cover	275/Oct 93##
Graham Radcliffe	<b>Prototype:</b> Ikamatua Sawmills Ltd	p6	275/Oct 93##
Brian Cross	<b>Techniques:</b> Heat forming plastic sheet	p8	275/Oct 93##
Paul Napier	<b>Plan and photos:</b> Buick 4-2-0 bush jigger Tauranga Museum	p10	275/Oct 93##
Peter Hodge	<b>Perspective:</b> Pioneer modeller Frank Roberts	p12	275/Oct 93##
Graham Radcliffe	<b>Our Heritage:</b> Bush trams, Ngaroma Climax 1317, Taringamotu Price Cb, Knight's tram Raurimu	p16	275/Oct 93##
Colin Barry/Ian Tibbles	<b>Prototype:</b> The Dragons! (Dispatch Foundry rail tractors)	p18	275/Oct 93##
Paul Napier	<b>Plan:</b> The Dragon!	p20	275/Oct 93##
	<b>Turntable:</b> Brief notes	p24	275/Oct 93##
Graham Radcliffe	<b>Our Heritage:</b> Bush trams, D221 Kaingaroa, Heisler Putaruru, "Joan" Barclay 0-4-0 Kaniere/Maymorn	p26	275/Oct 93##
Peter Ross	<b>Locomotivery:</b> Wf revisited part five, the valve gear	p28	275/Oct 93##
Graham Radcliffe	<b>Fifties Focus:</b> J1226 Frankton, Aa654 Ohakune, Ja1285/J1214 Tuakau, Ja1289 Palmerston North	p30	275/Oct 93##

	<b>Postbox</b>	p32	275/Oct 93##
Graham Radcliffe	<b>The 56ft Car in Action:</b> Maewa 1976, Islington 1986, Wellington 1975, Timaru 1971	p34	275/Oct 93##
	<b>Book Corner</b>	p36	275/Oct 93##
	<b>Trade Reviews</b>	p36	275/Oct 93##
J D Richardson	<b>Photo:</b> K916 and another class loco on Frank Roberts' RSR Railway.	Cover	276/Dec 93##
Bill Cousins	<b>1:64 Layout:</b> North Canterbury	p6	276/Dec 93##
Paul Berntsen	<b>Perspective:</b> Paul's Great Britain 1993, hints on visiting the UK	p10	276/Dec 93##
John Whyte	<b>Prototype:</b> Springburn Post Office in 9 Mil (1:34) scale	p11	276/Dec 93##
John Gardener	<b>Locomotivery:</b> From the rails up – Bogies	p12	276/Dec 93##
Brent Hopley/Graham Radcliffe	<b>30ft Guard's Vans:</b> F139 Taumarunui 1962, F376 Frankton 1962, F238 Greymouth 1971,	p16	276/Dec 93##
Brent Hopley/Graham Radcliffe	<b>Car &amp; wagon:</b> A tale of two guard's vans: Building Midland and Railmaster 30ft guard's van kits (1:64 scale)	p18	276/Dec 93##
Peter Dickenson	<b>Car &amp; wagon:</b> Brake van No.215 – One-off 30ft guards van in 9 Mil (1:34) scale	p19	276/Dec 93##
	<b>Plan:</b> X25540 30ft guard's van	p20	276/Dec 93##
John Gardener	<b>Products:</b> Modellers' market, a survey of current wagon kits	p22	276/Dec 93##
Karl Morris	<b>Rail history:</b> Lest we forget – Tangiwai 40 years on	p23	276/Dec 93##
Karl Morris	<b>Layout Ideas:</b> Re-creating New Zealand's worst rail disaster in model form	p24	276/Dec 93##
Graham Radcliffe	<b>Tangiwai</b> – Lest we forget, Ka949 Paekakariki, accident site, Ka941 temporary bridge, Ab773 new bridge	p26	276/Dec 93##
Graham Radcliffe	<b>30 foot Guard's Vans:</b> F508/1033 1981, F688 1973, F440 1975, Two at East Town 1975	p30	276/Dec 93##
	<b>Postbox</b>	p32	276/Dec 93##
Hugh Bennett	<b>Photo:</b> Morning train at Fairlie on the HBR layout	p33	276/Dec 93##
	<b>Book Corner</b>	p33	276/Dec 93##
	<b>Trade Review</b>	p33	276/Dec 93##
	<b>Turntable:</b> Brief notes	p33	276/Dec 93##
John Agnew	<b>Our Heritage:</b> Locos for scrapping Frankton 1927, Otorohanga 1908, Tauhoa/Hoteo 1907, Mercer 1893	p34	276/Dec 93##
	<b>Obituary:</b> Jack (John) Grey	p37	276/Dec 93##
Brian McKenzie	<b>Photo:</b> Railcar and passenger train meet at Burkes on Christchurch MRC portable layout.	Cover	277/Feb 94##
Trevor Cheer	<b>Car &amp; wagon:</b> Boxcars from boxes – white wagons in 9 Mil (1:34) scale	p6	277/Feb 94##
John Gardener	<b>Locomotivery:</b> From the rails up – Brake hangers and blocks	p9	277/Feb 94##
Peter Hodge	<b>Trackwork:</b> From the ground up – NZR permanent way practices	p12	277/Feb 94##
Darryl Bond/Rhys Batchelor	<b>Report:</b> NZ120 at the 1994 convention	p14	277/Feb 94##

Graham Radcliffe	<b>Loco File:</b> The Da class	p15	277/Feb 94##
Stu Brown/Nick Kaveney	<b>Early NZR Diesels:</b> Da's at Paekakariki 1974, Maewa 1968, Putaruru 1957, Wellington 1964	p16	277/Feb 94##
Brian McKenzie	<b>Structures:</b> Building a signal box in 9 Mil (1:34) scale	p18	277/Feb 94##
	<b>Photos:</b> John Rappard's 3/16 Tranz Alpine, NZ120 twinset and log train. Kb on 3/16 portable layout	p20	277/Feb 94##
	<b>Scenicking:</b> Contoured landforms	p22	277/Feb 94##
	<b>Plan and Photo:</b> V wagon painting and lettering	p25	277/Feb 94##
Derek Cross/Graham Radcliffe	<b>Fifties Focus:</b> Wab's – 687 Mamaku 1958, 767 Putaruru 1956, 797 Horotiu 1956, 687 Pinedale 1956	p26	277/Feb 94##
John Gardener	<b>Perspective:</b> Preparing competition entries	p28	277/Feb 94##
John Agnew	<b>Our Heritage:</b> Fort Britomart – F242 + three C cars and van , three 1880s views	p30	277/Feb 94##
	<b>Trade Review:</b> South Dock 56ft car kit, 9 Mil (1:34) NZR coupler	p32	277/Feb 94##
	<b>Book Corner</b>	p33	277/Feb 94##
	<b>Video Views</b>	p33	277/Feb 94##
John Agnew	<b>Our Heritage:</b> Onehunga Wharf two views c1900, Early Auckland two views c1880	p34	277/Feb 94##
	<b>Turntable:</b> Brief notes	p36	277/Feb 94##
	<b>Photo:</b> Handlaid track with scale NZR sleepers compared with commercial HO track	p37	277/Feb 94##
Graham Radcliffe	<b>Photo:</b> Passenger car end platform details in 9 Mil (1:34) scale	p37	277/Feb 94##
Graeme Butler/Raoul Quinn	<b>Photos:</b> Apiha Station Merv Smith's Pikipiki Tramway, Sunday morning Mike Lough's 3/16 layout	Back	277/Feb 94##
Don Weston	<b>Photo:</b> A T class loco at Pokaka Station on the Auckland 9 Mil portable layout	Cover	278/Apr 94##
Wayne Brindle	<b>Locomotivery:</b> Building the Midland Fa kitset	p6	278/Apr 94##
Terry Bradley	<b>Car &amp; wagon:</b> 30ft plough van in 9 Mil (1:34 scale) – a kit conversion	p9	278/Apr 94##
Kelvin Barry/Graham Radcliffe	<b>Review:</b> JG Models Ab kit	p10	278/Apr 94##
Brent Hopley/Graham Radcliffe	<b>Car &amp; wagon:</b> A tale of two guard's vans: Building 1:64 Midland and Railmaster 30ft guard's van kits	p13	278/Apr 94##
Ian Robertson	<b>Report:</b> Broad gauge branch lines – modelling in Victoria, Australia	p13	278/Apr 94##
Terry Bradley	<b>Perspective:</b> What's in a Scale? 9 Mil (1:34) pros and cons	p14	278/Apr 94##
	<b>Loco File:</b> The De class	p15	278/Apr 94##
Graham Radcliffe	<b>Early NZR Diesels:</b> De's new at Hutt, 1308 Ngahauranga, 507 near Maymorn, 505 near Swanson	p16	278/Apr 94##
Graham Radcliffe/Bob Stevens	<b>Plan and photos:</b> NZR standard 55ft turntable	p18	278/Apr 94##
Peter Hodge	<b>Perspective:</b> What's in a Scale? Narrow gauge and choosing a scale	p22	278/Apr 94##
Graham Radcliffe	<b>Loco Servicing Facilities:</b> Ab751 Paeroa 1951, Ja1288 Gisborne 1962, Otira 1967, Ross 1965	p26	278/Apr 94##
Peter Ross	<b>Locomotivery:</b> Wf revisited, motorising, pipework, other details and painting	p28	278/Apr 94##
John Agnew	<b>Our Heritage:</b> Four views of early Auckland, second station, etc	p30	278/Apr 94##

	<b>Trade Review:</b> Modern Images Us wagon kit, Exactoscale brick paper, decal solutions, 1:34 chassis kit	p32	278/Apr 94##
	<b>Club Chat:</b> Auckland 9 Mil group, Hutt Valley, Wellington	p33	278/Apr 94##
John Agnew	<b>Our Heritage:</b> Four views of Auckland early 1900s, N351, Wab686, Ww672, Ww677	p34	278/Apr 94##
	<b>Turntable:</b> Brief notes	p36	278/Apr 94##
Graham Radcliffe/Don Weston	<b>Photos:</b> De503, plough van Ef2517, Sandfly towing Ka958 on Peter Sewell's Piha Tramway	p37	278/Apr 94##
Trev Terry	<b>Photos:</b> Wairarapa railcar RM5 Mahuhu at Cross Creek 1952.	Cover	279/Jun 94##
Bob Stott	<b>1:64 Layout:</b> Port Craig (3/16/1:64 scale)	p6	279/Jun 94##
Darryl Palmer	<b>Locomotivery:</b> The Railmaster Db kit	p10	279/Jun 94##
	<b>Loco File:</b> The Db class	p11	279/Jun 94##
Terry Bradley	<b>Plan:</b> Db class diesel electric	p12	279/Jun 94##
John McCurdy	<b>Car &amp; wagon:</b> A tale of two 56ft cars (Railmaster and South Dock 1:64 scale)	p13	279/Jun 94##
Graham Radcliffe	<b>Early NZR Diesels:</b> Db's at Waitakere 1970, Katikati 1974, Waimata 1974, Taneatua 1974	p16	279/Jun 94##
Brian Cross	<b>Techniques:</b> Kitchen stove modelling – heat forming plastic sheet to make Wairarapa railcar	p18	279/Jun 94##
Chris Bradley/Norm Gaby	<b>Plan:</b> Wairarapa railcar	p20	279/Jun 94##
Peter Hodge	<b>Perspective:</b> Tin hares – Memories of the Wairarapa railcars	p22	279/Jun 94##
Karl Morris	<b>Report:</b> From one who was there, the 1994 convention	p24	279/Jun 94##
Linda Lankshear	<b>Perspective:</b> A model railway widow?	p25	279/Jun 94##
Graham Radcliffe	<b>Loco Depots:</b> Whangarei 1968, Frankton 1953, Thorndon 1964, Linwood 1963	p26	279/Jun 94##
	NZAMRC model competition results	p28	279/Jun 94##
Brian McKenzie	<b>Photos:</b> Some convention winners: Chris Walker's C&S gondola, Andrew Rye's Df, Bob Allen's Craven crane	p29	279/Jun 94##
Graham Radcliffe	<b>Roundhouses:</b> Lyttelton 1949 and 1963, Elmer Lane 1950 and 1971	p30	279/Jun 94##
	<b>Postbox</b>	p32	279/Jun 94##
	<b>Trade Review:</b> South Dock Mc wagon, Precision Railcraft 40ft truss bridge, 3/16 decals	p33	279/Jun 94##
John Agnew	<b>Our Heritage:</b> Four views around Auckland station 1908 - 1925	p34	279/Jun 94##
	<b>Video Views</b>	p36	279/Jun 94##
	<b>Book Corner</b>	p36	279/Jun 94##
	<b>Club Chat</b>	p36	279/Jun 94##
	<b>Turntable:</b> Brief notes	p36	279/Jun 94##
Brian McKenzie	<b>Photo:</b> Ken Cousins' 3/16 (1:64) scale Vulcan railcar	Cover	280/Aug 94##
Paul Napier	<b>Rail history:</b> Waiouru Military Camp siding (includes yard plan)	p6	280/Aug 94##



John Rappard/Brian McKenzie	<b>Locomotivery:</b> Fa in 1 gauge (1:24)	p9	280/Aug 94##
John McCurdy	<b>Car &amp; wagon:</b> A tale of two 56ft cars (Railmaster and South Dock 1:64 scale)	p10	280/Aug 94##
John Agnew	<b>Review:</b> The Online Vulcan railcar kit	p14	280/Aug 94##
John Agnew	<b>Our Heritage:</b> Vulcan Railcars, Addington 1940, Stillwater 1942, Hokitika late 1940s, Greymouth 1950	p16	280/Aug 94##
John Brouwer	<b>Techniques:</b> Cut your own stripwood	p18	280/Aug 94##
Paul Napier	<b>Plan and photos:</b> A&G Price shunting tractor	p19	280/Aug 94##
	<b>Trade Review</b>	p22	280/Aug 94##
	<b>Book Corner</b>	p22	280/Aug 94##
Ross Nelson	<b>1:64 Layout:</b> A Ka in a cow paddock, New Plymouth Model Railway Club	p23	280/Aug 94##
Graham Radcliffe	<b>Fifties Focus:</b> Westfield Freezing Co 0-6-0ST 1955, Peckett 1645 Glen Afton 1955-57	p26	280/Aug 94##
Brian McKenzie	<b>Photos:</b> Convention competition winners	p28	280/Aug 94##
	<b>Postbox</b>	p31	280/Aug 94##
	<b>Club Chat:</b> Southland, Auckland	p30	280/Aug 94##
	<b>Video Views</b>	p32	280/Aug 94##
	<b>Turntable:</b> Brief notes	p32	280/Aug 94##
John Agnew	<b>Our Heritage:</b> Ww 574 Parnell Bridge, Ww568 Parnell Bank, double tracking Parnell Tunnel 1915 -21	p34	280/Aug 94##
Brian McKenzie/Keith Hancock	<b>Photos:</b> Scene on Barry Hamiltons 4mm scale layout, Ab708 under Creagh Rock (1:64 scale)	Back	280/Aug 94##
W W Stewart	<b>Photo:</b> Oc458 storming out of Wellington	Cover	281/Oct 94##
Peter Hodge	<b>Perspective:</b> What's in a Scale? Narrow gauge and choosing a scale	p6	281/Oct 94##
John Whyte	<b>Weathering:</b> Pastels	p11	281/Oct 94##
John Gardener	<b>Locomotivery:</b> From the rails up – Cowcatchers	p12	281/Oct 94##
John Agnew	<b>Our Heritage:</b> K96 Paeroa, J118 Invercargill 1880, K94/95 Kingston 1907, J70 Hamilton 1902	p16	281/Oct 94##
Brent Hopley	<b>Review:</b> A tale of two Kp's – the South Dock and Railmaster kits	p18	281/Oct 94##
Bob Stevens	<b>Plan:</b> Kp-1 wagon	p19	281/Oct 94##
Euan McQueen/Bob Stevens	<b>Plan, text and photos:</b> Wagon turntables	p20	281/Oct 94##
Gerald Petrie	<b>Loco File:</b> Differences between Yorkshire Fs	p24	281/Oct 94##
John Agnew	<b>Our Heritage:</b> M90 post 1891, N352 Rotorua c1903, L208 Petone c1908, N354 Papakura 1920s	p26	281/Oct 94##
Paul Napier	<b>Plan, text, photo:</b> The Trail rail tractor	p28	281/Oct 94##
David McNiven	<b>Perspective:</b> What's in a scale? HOn3.5 (1:87) pros and cons	p32	281/Oct 94##
Graeme Robinson	<b>Obituary:</b> Norm Gaby	p33	281/Oct 94##
John Agnew	<b>Our Heritage:</b> WMR recalled – E1131 (nee 10) 1937, Palmerston North, A1113 c1910, 50ft car 1953	p34	281/Oct 94##

Robbie McGavin	<b>Perspective:</b> Disasters in NZR modelling	p36	281/Oct 94##
	<b>Postbox</b>	p36	281/Oct 94##
	<b>Trade Review:</b> South Head Ab kit, Modelscapes HOn3.5 Di kit	p37	281/Oct 94##
	<b>Book Corner</b>	p38	281/Oct 94##
Don Weston	<b>Photo:</b> JG Models Ja 1246 on Dunedin 3/16 (1:64) portable layout	p38	281/Oct 94##
	<b>Club Chat</b>	p39	281/Oct 94##
	<b>Turntable:</b> Brief notes	p39	281/Oct 94##
Don Weston	<b>Photo:</b> PWD Fowler 549 crosses the Whatipu Bridge on Peter Sewell's 9 Mil (1:##\$) Piha Tramway	Cover	285/Dec 94##
David McNiven	<b>1:87 Layout:</b> "Little trains of thought" freelance HOn3.5 (1:87)	p6	285/Dec 94##
Stu Brown/Nick Kaveney	<b>Car &amp; wagon:</b> A 37.5ft guard's van in 9 Mil (1:34) scale	p9	285/Dec 94##
Paul Berntsen	<b>Locomotivory:</b> E class double Fairlie – A masterpiece in 9 Mil (1:34 scale)	p12	285/Dec 94##
Niall Robertson	<b>Loco File:</b> Da1448	p14	285/Dec 94##
Niall Robertson/Jack McClare	<b>Da1448 – A Pictorial History:</b> Waimauku 1981, Newmarket 1980, Otahuhu 1962, Kawerau 1991	p16	285/Dec 94##
Paul Napier	<b>Prototype:</b> Smith's 1994 Mamaku 0-6-6-0 rail tractor	p18	285/Dec 94##
Paul Napier	<b>Locomotivory:</b> Smith's 1994 Mamaku 0-6-6-0 rail tractor in 9 Mil (1.34) scale (includes plan)	p20	285/Dec 94##
Paul Napier	<b>Self-propelled:</b> Mamaku's Fordson van in 1.34 scale (includes plan and prototype photos)	p24	285/Dec 91##
John Agnew	<b>Kaitangata:</b> Three views c1955 of improved D and F locos around Kaitangata, one at Stirling	p26	285/Dec 91##
Gerald Petrie	<b>Loco File:</b> Differences between 1878 Neilson Fs	p28	285/Dec 94##
Graham Radcliffe	<b>Fifties Focus:</b> Tender view Ab740 Eskdale, J1237 Matawhero, K909 Eureka, J1231 Waihi	p30	285/Dec 94##
Harry Welch	<b>Report:</b> Live steam – Keirunga Park Railway	p32	285/Dec 94##
John Agnew	<b>Our Heritage:</b> Two wharf scenes, J236 Wellington c1928, Wf301 Opuia post 1900	p34	285/Dec 94##
	<b>Postbox</b>	p35	285/Dec 94##
	<b>Trade Review:</b> Car & Wagon tank car decals	p37	285/Dec 94##
	<b>Book Corner</b>	p37	285/Dec 94##
	<b>Turntable:</b> Brief notes	p37	285/Dec 94##
	<b>Video Views</b>	p38	285/Dec 94##
Graham Radcliffe	<b>Photo:</b> Taihape with Da1503 departing south and Da1533/1504 waiting to follow	Cover	286/Feb 95##
Brent Hopley	<b>Layout Ideas:</b> A terminal objective	p6	286/Feb 95##
Barry Norman	<b>Layout Ideas:</b> Looking beyond the track plan	p7	286/Feb 95##
Ian Coates	<b>Station File:</b> Ross, the terminal (includes yard plan)	p12	286/Feb 95##

Kevin Crosado	<b>Prototype:</b> A balanced wagon fleet (ratio of different wagon types)	p14	286/Feb 95##
Rhys Batchelor	<b>Perspective:</b> What's in a scale? NZ120 (1:120) pros and cons	p19	286/Feb 95##
Jim Smith	<b>Rail history:</b> Gear Meat Barclay 4-4-0T and their other locos (includes yard plan)	p20	286/Feb 95##
Continental Modeller	<b>Plan:</b> Gear Meat Co Barclay 4-4-0T	p22	286/Feb 95##
Peter Hodge	<b>Layout Ideas:</b> The story of your line	p24	286/Feb 95##
John Agnew	<b>Our Heritage:</b> Four Ba's – 500 tender first Dunedin, 552 Dunedin, 554 Burnside, Ba551 Greymouth 1937	p26	286/Feb 95##
Nelson Kennedy	<b>Tools:</b> Avoiding meltdown when soldering whitemetal	p28	286/Feb 95##
Paul Napier	<b>Layout Ideas:</b> Kiwiana – atmosphere New Zealand style	p28	286/Feb 95##
Graham Radcliffe	<b>Kiwiana:</b> Four atmospheric scenes – Opuia 1974, busy Rakaia, Sockburn 1966, Manunui 1972	p30	286/Feb 95##
Paul Napier	<b>Plan, text and photos:</b> Log bogies at Mamaku	p32	286/Feb 95##
John Agnew	<b>Our Heritage:</b> Newmarket – Wf396/A424 c1919, Ww563 c1921, A424 c1921, Aa650 1919	p34	286/Feb 95##
Gus Van Der Veldt	<b>Added detail:</b> Detailing an 88-seat railcar	p36	286/Feb 95##
	<b>Postbox</b>	p38	286/Feb 95##
	<b>Turntable:</b> Brief notes	p39	286/Feb 95##
	<b>Book Corner</b>	p39	286/Feb 95##
	<b>Trade News</b>	p40	286/Feb 95##
Don Weston	<b>Photo:</b> J1224 with petrol train on the Auckland 9 Mil Group's portable layout	Cover	287/Apr 95##
John Whyte/Don Weston	<b>1:34 Layout:</b> Auckland 9 Mil Portable (1:34 scale)	p6	287/Apr 95##
Kevin Crosado	<b>Plans, text and photos:</b> Fifties wagon painting and lettering (highsiders and stock wagons)	p11	287/Apr 95##
Ken Lankshear	<b>Perspective:</b> What's in a scale? 3/16-inch to the foot (Sn3½, 1:64) pros and cons	p15	287/Apr 95##
Darryl Bond/Rhys Batchelor	<b>Locomotivery:</b> Building locos in NZ120	p16	287/Apr 95##
Graham Radcliffe	<b>Stations – Vogel Era:</b> Lyndhurst, Puketeraki, Lumsden, Brunner	p18	287/Apr 95##
Peter Hodge	<b>Layout Ideas:</b> Modelling NZR in small spaces	p20	287/Apr 95##
Brent Hopley	<b>Rail history:</b> Kaiwhata Branch	p24	287/Apr 95##
Graham Radcliffe	<b>Stations – 1945 to 1955:</b> Lincoln, Ngaruawahia, Richmond, Horotiu	p26	287/Apr 95##
Graham Radcliffe	<b>Prototype:</b> Down at the station	p28	287/Apr 95##
Graham Radcliffe	<b>Photo:</b> Winchester 1971, showing cattle stop, water vat, semaphore signal, station and goods shed	p28	287/Apr 95##
Graham Radcliffe	<b>Stations – 1964 to 1986:</b> Burnside, Carterton, Paekakariki, Waimangaroa	p30	287/Apr 95##
John McCurdy	<b>Car &amp; wagon:</b> Maitland makes a model – building a South Dock Lc-3	p32	287/Apr 95##
Gerald Petrie	<b>Loco File:</b> D222, Neilson 2566 of 1880	p33	287/Apr 95##
Colin Barry	<b>Review:</b> Railmaster guard's van in etched brass	p34	287/Apr 95##

	<b>Postbox</b>	p36	287/Apr 95##
	<b>Book Corner</b>	p38	287/Apr 95##
	<b>Trade Review</b>	p38	287/Apr 95##
	<b>Turntable: Brief notes and Club Chat</b>	p38	287/Apr 95##
Brian McKenzie	<b>Photo:</b> Double-headed NZ120 Dc locomotives hauling coal through the Karangahake Gorge	Cover	288/Jun 95##
Darryl Bond	<b>NZ120 Layout:</b> A look at Otaki and Cass (NZ120)	p6	288/Jun 95##
Kevin Crosado	<b>Plans, text and photo:</b> Fifties wagon painting and lettering (includes 1941 tarpaulin).	p8	288/Jun 95##
Peter Hodge	<b>Layout Ideas:</b> Six by four, two small layout scenarios	p11	288/Jun 95##
Darryl Palmer	<b>Locomotivery:</b> DA408: Modelling a Clyde Da in 3/16 (1:64) scale	p15	288/Jun 95##
Graham Radcliffe	<b>Photos:</b> Arthurs Pass (1985) and Cromwell (1966) from high above	p16	288/Jun 95##
John Whyte	<b>Prototype:</b> Typical NZR station yard structures	p18	288/Jun 95##
Graham Radcliffe	<b>Station Structures:</b> Typical small station yards, Swanson, Amberley, Lumsden, Tapanui	p16	288/Jun 95##
Toney Owens	<b>Operation:</b> Prototype practices	p16	288/Jun 95##
Richard Rowe	<b>Locomotivery:</b> Mountains in miniature – building the JG Models Ja kit	p26	288/Jun 95##
Graham Radcliffe	<b>Journal Jewels:</b> Richard Rowe's 9 Mil (1:34) scale model of A428	p29	288/Jun 95##
Graham Radcliffe	<b>Down at the Station:</b> Dg771/778 Aylesbury, Brunner, Burkes, Kaituna (lake Ellesmere)	p30	288/Jun 95##
Ken Lankshear	<b>Review:</b> South Dock J-5 kit (includes plan and photo)	p32	288/Jun 95##
	<b>Profile:</b> Peter Hodge, your new editor	p33	288/Jun 95##
John Agnew	<b>Our Heritage:</b> Ww675 Remuera c1920, A class Ellerslie c1920, Ww572 Penrose 1924, P269 Drury 1910	p33	288/Jun 95##
Brent Hopley	<b>Layout Ideas:</b> The Kaiwhata Branch	p36	288/Jun 95##
	<b>Postbox</b>	p37	288/Jun 95##
	<b>Turntable:</b> Brief notes	p37	288/Jun 95##
	<b>Book Corner</b>	p37	288/Jun 95##
	<b>Trade Review</b>	p38	288/Jun 95##
Peter Ross	<b>Weathering:</b> Why pastel weathering becomes lighter	p39	288/Jun 95##
Darryl Bond	<b>Colour photo:</b> Dc4778/4790 leaving Cass on Darryl Bond and Rhys Batchelor's NZ120 layout	Back	288/Jun 95##
Graham Radcliffe	<b>Colour photo:</b> Lawrence Boul's 1:64 scale 30ft guard's van and 1992 convention prize winner	Back	288/Jun 95##
Graham Radcliffe	<b>Photo:</b> C868 entering Riversdale on Brent Hopley's diorama	Cover	289/Aug 95##
Graham Radcliffe	<b>Journal Jewels:</b> Robin Knight's 3/16 (1:64) scale model of the Lake Brunner Sawmilling Co's Barclay	p6	289/Aug 95##
Peter Hodge	<b>Station File:</b> Ormondville (includes yard plans)	p7	289/Aug 95##

Wayne Haste	<b>Structures:</b> Made in Haste – Log hut	p13	289/Aug 95##
Graham Radcliffe	<b>90s NZ Rail:</b> DFT7145/7173, DSG3127 Christchurch, DH2822 Penrose, DXR8007/DC4818 Middleton	p16	289/Aug 95##
Paul Berntsen	<b>Locomotivity:</b> From my workshop – living with plastic drivers	p18	289/Aug 95##
Jeff Driver	<b>Bits ‘n’ Bobs:</b> News, views and items of interest	p20	289/Aug 95##
Peter Hodge	<b>Rail history:</b> The hundred year layout – 1940 Centennial Exhibition model railway	p21	289/Aug 95##
	<b>Memories:</b> Maurie Duston, Ken Cassells and Peter Dickenson share their Centennial recollections	p24	289/Aug 95##
John Agnew	<b>Our Heritage – North Auckland:</b> Onerahi 1925, Wayby 1908, Te Hana 1911 and 1960s	p26	289/Aug 95##
Brent Hopley	<b>Layout Ideas:</b> Kaiwhata final planning	p28	289/Aug 95##
Paul Berntsen/Keith Hancock	<b>Photos:</b> Magic Moments – 1:34 Wb and ex-WMR car on Kerero, 1:64 Ab708 on Keith Hancock’s layout	p31	289/Aug 95##
Graham Radcliffe	<b>Fifties Focus:</b> 4-6-2T “Bernoni”, Dubs C Rotowaro. Napier Harbour Board Fowler, Fa41, Awakeri	p32	289/Aug 95##
	<b>Trade news:</b> Precision Railcrafts, Ironhorse Hobbies, Colonials, Ian Robertson, South Dock,	p34	289/Aug 95##
	<b>Reviews:</b> 3/16 (1:64) scale log bogies, 9 Mil (1:34) scale figures	p34	289/Aug 95##
	<b>Books</b>	p35	289/Aug 95##
	<b>Postbox</b>	p36	289/Aug 95##
	<b>Report:</b> Sixth Christchurch model railway exhibition	p37	289/Aug 95##
	<b>Club Chat:</b> Christchurch N120, Mana club	p37	289/Aug 95##
	<b>Internet:</b> Members’ e-mail addresses	p38	289/Aug 95##
Maurie Duston	<b>Photo:</b> Bernie Willis’s A crossing Hapuawhenua Viaduct on Wairarapa modular layout	Cover	290/Oct 95##
Ian Galbraith/Maurie Duston	<b>1:64 Layout:</b> A slice of the Wairarapa – the Wairarapa Railway Modellers’ modular layout	p6	290/Oct 95##
Kevin Crosado	<b>Journal Jewels:</b> Robin Knight’s 3/16 (1:64) scale Plasser & Theurer ballast tampers	p10	290/Oct 95##
Graham Dredge	<b>Techniques:</b> Creating in plastics (styrene)	p11	290/Oct 95##
Jeff Driver	<b>Bits ‘n’ Bobs:</b> News, views and items of interest	p15	290/Oct 95##
Graham Radcliffe	<b>Fifties Focus:</b> Ab697 Leeston, Ab612 Hawarden, Ab697 Hornby, Ab723 Timaru	p16	290/Oct 95##
Hugh Stockbridge	<b>Loco File:</b> Baldwin Wb	p16	290/Oct 95##
Ian Robertson	<b>Perspective:</b> On my workbench – organising the work area	p23	290/Oct 95##
Hugh Stockbridge	<b>Plan:</b> Wb class 2-6-2T of 1898	p24	290/Oct 95##
John Agnew	<b>Our Heritage:</b> Dargaville – F256 and 30ft van on barge, Trains at Dargaville	p26	290/Oct 95##
Colin Barry	<b>Station File:</b> Studholme Junction (includes yard plan)	p28	290/Oct 95##
Brent Hopley	<b>Layout Ideas:</b> Studholme Junction	p31	290/Oct 95##
Kevin Crosado	<b>Review:</b> Calendars	p33	290/Oct 95##
	<b>Profile:</b> Allan Fraser (South Dock Models)	p33	290/Oct 95##

Graham Radcliffe	<b>90s NZ Rail:</b> DF6277/Coastal Pacific, DX5068 Plimmerton, DX5477 Waitohi Viaduct, 30 class Maewa	p34	290/Oct 95##
	<b>Postbox</b>	p36	290/Oct 95##
	<b>Reviews:</b> Ironhorse Hobbies 3/16 (1:64) smallest 0-4-0 NZR Tr kit, Model Company rivet press	p37	290/Oct 95##
	<b>Trade news:</b> South Dock, Nine Mill, Online, North Yard, Kelmarna, Precision Scalecraft	p39	290/Oct 95##
	<b>Postbox</b>	p36	290/Oct 95##
Russell Postlewaight	<b>Photo:</b> 3/16 (1:64) scale Online Vulcan RM52 on Russell Postlewaight's Black Creek layout	Cover	291/Dec 95##
Graham Stewart	<b>1:87 Layout:</b> Townsville, an HO scale tram layout in Karori Wellington	p6	291/Dec 95##
Graham Stewart	<b>Journal Author:</b> Graham C Stewart introduces himself	p10	291/Dec 95##
Peter Hodge/Raoul Quinn	<b>Journal Jewels:</b> Raoul's 1:12 scale Orenstein & Koppel 0-4-0T	p11	291/Dec 95##
John Brouwer	<b>Signalling:</b> Single line automatic	p12	291/Dec 95##
John Agnew	<b>Our Heritage:</b> PWD Fowlers Oamaru, Otago Harbour, Arthurs Pass. PWD 40hp Simplex Rangiaihua	p16	291/Dec 95##
Brett Grinder	<b>Road vehicles:</b> 1:64 scale road transport for the layout	p18	291/Dec 95##
Graham Dredge	<b>Techniques:</b> Creating in plastics (styrene)	p20	291/Dec 95##
	<b>Christmas colour:</b> 1:34 Wd and F180, 1:64 Aa655, 1:34 ganger. DA541/506 Punganui Stream, P tender	p24	291/Dec 95##
Peter Ross	<b>Tools:</b> Bonding for modellers – guide to glues	p26	291/Dec 95##
	<b>Profile:</b> Keith Collins (Precision Railcrafts)	p28	291/Dec 95##
	<b>Rail history:</b> Tranz Formation, NZ Rail becomes Tranz Rail	p29	291/Dec 95##
Glen Anthony	<b>90s NZ Rail:</b> DC4761 Reefton line, DC4657 Hokitika line, DC4605 Greymouth, DC4473 Cobden Bridge	p30	291/Dec 95##
Graham Radcliffe	<b>Fifties Focus:</b> Rimutaka Incline closure	p32	291/Dec 95##
Peter Hodge	<b>Station File:</b> Glen Afton station and yard (includes yard plan)	p34	291/Dec 95##
Kevin Crosado	<b>Added detail:</b> Posters, signs and hoardings	p38	291/Dec 95##
	<b>Reviews:</b> Precision Railcrafts 70 ft turntable kit, Car & Wagon Graphics pre TMS decals,	p39	291/Dec 95##
	<b>Book Reviews</b>	p40	291/Dec 95##
	<b>Trade news:</b> Online, Ironhorse Hobbies, South Dock, Car & Wagon Graphics	p41	291/Dec 95##
	<b>Report:</b> Christchurch train show	p41	291/Dec 95##
Jeff Driver	<b>Bits 'n' Bobs:</b> News, views and items of interest	p20	291/Aug 95##
	<b>Postbox</b>	p43	291/Dec 95##
Kevin Crosado	<b>Scenicking:</b> Scale posters and signs in colour	Back	291/Dec 95##
Ken Cousins	<b>Photo:</b> Ken Cousins' 1:64-scale model of Wab793	Cover	292/Feb 96##
Brett Grinder	<b>1:64 Layout:</b> The world and the meaning of life	p6	292/Feb 96##

Kevin Crosado	<b>Journal Jewels:</b> Ken Cousins' 1:64-scale model of Wab793	p10	292/Feb 96##
John Brouwer	<b>Signalling:</b> Single line automatic	p11	292/Feb 96##
Ken Devlin	<b>90s NZ Rail:</b> DX5379/DC4657/DJ3499, DX5293/DJ3096, DX5166/DF6087, DX5517, DC4853/DC4790	p16	292/Feb 96##
Lawrence Boul	<b>Techniques:</b> Success with styrene	p18	292/Feb 96##
Peter Ross	<b>Tools:</b> Bonding for modellers: Guide to glues	p22	292/Feb 96##
Reuben Romany	<b>Perspective:</b> NZR in miniature – more on NZ120	p23	292/Feb 96##
Peter Hodge	<b>Our Heritage:</b> Takapuna steam trams	p23	292/Feb 96##
Paul Napier	<b>Signalling:</b> Kiwiana – motor vehicle registration plates	p26	292/Feb 96##
Peter Hodge	<b>Station File:</b> Moana (includes yard plan)	p28	292/Feb 96##
Graham Radcliffe	<b>Fifties Focus:</b> Subbies – Woolston 1966, Mosgiel 1964, Newmarket 1974, Ava 1974	p32	292/Feb 96##
Bill Cousins/Wayne Cousins	<b>Plan, text and photos:</b> Uc-16 tank wagon	p34	292/Feb 96##
Rod Murgatroyd	<b>Products:</b> Electronic kitsets	p36	292/Feb 96##
Kevin Crosado	<b>Beginning and End:</b> 1:64 scale models, Ian Galbraith's Gorilla De and Ajin 30ft guard's van	p37	292/Feb 96##
	<b>Trade news:</b> Nine Mill, Bay Line, Model Company, South Dock, Ian Robertson	p38	292/Feb 96##
	<b>Profile:</b> Nelson Kennedy (Nine Mill Products)	p39	292/Feb 96##
Russell Postlewaight	<b>Review:</b> Online Xp kit	p40	292/Feb 96##
	<b>Postbag</b>	p40	292/Feb 96##
	<b>Internet</b>	p40	292/Feb 96##
Peter Hodge	<b>Photo:</b> Model Company 9 Mil Ua 4-6-0	Cover	293/Apr 96##
Glen Anthony	<b>1:120 Layout:</b> The Tranz Alpine portable	p6	293/Apr 96##
Lawrence Boul	<b>Techniques:</b> Success with styrene	p11	293/Apr 96##
Peter Ross	<b>Journal Author:</b> Lawrence Boul	p15	293/Apr 96##
Trevor Terry	<b>Fifties Focus:</b> Wab794 Tokoroa, Frankton loco, K916 Claudelands, K907 Morrinsville	p11	293/Apr 96##
Syd Naish	<b>1:87 Layout:</b> Tramcar trilogy – a layout a year	p18	293/Apr 96##
Ian Robertson	<b>1:24 Layout:</b> Tramcar trilogy – trams all my life	p19	293/Apr 96##
Graham Haase	<b>1:30 Layout:</b> Tramcar trilogy – gone too soon	p20	293/Apr 96##
Tom McGavin	<b>Perspective:</b> Jack Gray's Cambridge Valley	p18	293/Apr 96##
Rod Murgatroyd	<b>Signalling:</b> NZR signals for NZ120	p22	293/Apr 96##
Jeff Driver	<b>Bits 'n' Bobs:</b> News, views and items of interest	p24	293/Aug 96##
Raoul Quinn/Paul Berntsen	<b>Journal Jewels:</b> Ua179, The Model Company's 4-6-0 in 9 Mil (1:34) scale	p25	293/Apr 96##
Ken Cousins	<b>90s NZ Rail:</b> North of the Bombays – DX5304/DF6219, DF6283/DF6006, DBR1199, DX5039	p26	293/Apr 96##

John Brouwer	<b>Signalling:</b> Single line automatic	p28	293/Apr 96##
John Agnew	<b>Our Heritage:</b> Lambton Station – looking north and south c1930, goods yard 1912, north end	p28	293/Apr 96##
Kevin Crosado/Paul Berntsen	<b>Rail history:</b> Glen Afton (includes yard plan)	p34	293/Apr 96##
Kevin Crosado	<b>Rail History:</b> Glen Afton Station	p38	293/Apr 96##
	<b>Trade news:</b> South Dock, Decal Company, Station Rd, Scenery Unlimited, Kelmarna, Rail Link, MSP	p39	293/Apr 96##
	<b>Reviews:</b> Precision Railcrafts house, Nine Mill W-8 and Xa-5 wagon kits,	p40	293/Apr 96##
	<b>Book Reviews</b>	p41	293/Apr 96##
	<b>Profile:</b> Paul Berntsen (The Model Company)	p42	293/Apr 96##
	<b>Internet</b>	p42	293/Apr 96##
	<b>Postbag</b>	p42	293/Apr 96##
Tranz Link	<b>Photos:</b> JT class canopy newsprint wagons	p44	293/Apr 96##
Bill Cousins	<b>Photo:</b> Ab617 on Bill Cousins' 1:64 North Canterbury layout	Cover	294/Jun 96##
Ian Galbraith	<b>1:64 Layout:</b> Culcreuch branch	p6	294/Jun 96##
	<b>Journal Author:</b> Ian Galbraith	p10	294/Jun 96##
	<b>Report:</b> New newsletter for NZ120 modellers	p10	294/Jun 96##
Jeff Driver	<b>Bits 'n' Bobs:</b> News, views and items of interest	p11	294/Jun 96##
	<b>Report:</b> Guild AGM	p11	294/Jun 96##
	NZAMRC competition results and photos	p12	294/Jun 96##
Kevin Crosado	<b>Journal Jewels:</b> Paul Napier's 9 Mil (1:34) scale sawmill, Guild Trophy winner	p15	294/Jun 96##
Kevin Crosado	<b>Our Heritage:</b> Caroline Bay – Washdyke 1874/1875/1889, summer excursion train 1920	p16	294/Jun 96##
Ken Cassells	<b>Rail history:</b> Sunstroke – an NZR derailment	p18	294/Jun 96##
Darryl Palmer	<b>Locomotivery:</b> DX5448, building and detailing the Railmaster kit	p21	294/Jun 96##
Bill Cousins	<b>1:64 Layout:</b> Canterbury Rails, an update on Bill Cousin's <i>North Canterbury</i>	p22	294/Jun 96##
Colin Barry	<b>Station File:</b> Hornby (includes yard plan)	p24	294/Jun 96##
Brent Hopley	<b>Layout Ideas:</b> Modelling Hornby	p26	294/Jun 96##
Colin Barry	<b>Report:</b> Christchurch NZR Modellers	p28	294/Jun 96##
Kevin Crosado	<b>Rail history:</b> The evolution of wagon handgrips and footsteps	p29	294/Jun 96##
Graham Radcliffe	<b>Fifties Focus:</b> Christchurch c1950 – Kb969 and mixed, Ec7 with postal, A475, view from Madras St Bridge	p32	294/Jun 96##
Rod Murgatroyd	<b>Signalling:</b> North Junction and signals diorama	p34	294/Jun 96##
	<b>Trade news:</b> Car & Wagon, South Dock, Bay Line, Online, Precision Railcrafts, ChCh Model Supplies	p37	294/Jun 96##
Darryl Bond	<b>90s Rail:</b> Wellington – Manawatu – Northerner, DX5258/DX5172/DC4012, Otaki Bridge, Aotea Quay	p38	294/Jun 96##



	<b>Book Reviews</b>	p40	294/Jun 96##
	<b>Profile:</b> Bill Pierson (Ironhorse Hobbies)	p40	294/Jun 96##
Ian Galbraith/Peter Hodge	<b>Photos:</b> Dg751 crossing Kau Creek, twinset railcar passing Beach Loop (both 3/16 or 1:64 scale)	Back	294/Jun 96##
Dick Billington	<b>Photo:</b> Dunedin tram scene modelled by Lester Hopkins	Cover	295/Aug 96##
Lester Hopkins	<b>1:32 Layout:</b> Dunedin tram and cable car nostalgia	p6	295/Aug 96##
Brian McKenzie	<b>Prototype:</b> Clip-on tank wagon conversion	p11	295/Aug 96##
Jeff Driver	<b>Bits 'n' Bobs:</b> News, views and items of interest: Guild 50 <sup>th</sup> Jubilee	p13	295/Aug 96##
Ken Devlin	<b>90s NZ Rail:</b> 1295,2353,4260,4375,4496,4542,5068,5229,5235,5402,6035,8007,30071,30203,30232	p14	295/Aug 96##
Gavin Sowry	<b>1:64 Layout:</b> Tararua	p16	295/Aug 96##
Kevin Crosado	<b>Journal Jewels:</b> Colin Zeff's 1:64-scale J class 2-6-0	p19	295/Aug 96##
Kevin Crosado	<b>Plan, text and Photo:</b> Waratah fence posts	p20	295/Aug 96##
Wayne Haste	<b>Locomotivry:</b> Made in Haste – O99, a scratchbuilt Baldwin 2-8-0	p21	295/Aug 96##
	<b>Plan and photos:</b> NZR O class 2-8-0, Baldwin of 1885	p22	295/Aug 96##
Maurie Duston	<b>Perspective:</b> 50 Years of the Journal	p24	295/Aug 96##
Peter Hodge	<b>Perspective:</b> Ninety not out, highlights for the history of modelling New Zealand railways	p27	295/Aug 96##
John Agnew	<b>Our Heritage:</b> We 4-6-4Ts – 377 Lower Hutt 1906, Elmer Lane 1944, 376 1942, 198 Greymouth 1940	p27	295/Aug 96##
Peter Hodge/Evan James	<b>Structures:</b> Easy Buildings	p30	295/Aug 96##
John Agnew	<b>Our Heritage:</b> We class 4-6-4Ts – 376 1947 and 1954, 375 1944 and 1949	p32	295/Aug 96##
Peter Hodge	<b>Station File:</b> Kaitoke (includes yard plan)	p34	295/Aug 96##
	<b>Trade news:</b> Station Road, Kelmarna, South Dock, Chosen Scale, Precision Railcrafts, Car & Wagon	p37	295/Aug 96##
	<b>Postbag</b>	p37	295/Aug 96##
	<b>Internet</b>	p37	295/Aug 96##
Kevin Crosado	<b>Fifties Focus:</b> Taihape – southbound goods, view south, loco depot	p37	295/Aug 96##
	<b>Profile:</b> Graham Selman (North Yard)	p40	295/Aug 96##
	<b>Book Reviews</b>	p40	295/Aug 96##
Neil Price	<b>Photo:</b> F232 on Brian Eastergaard's Notown 9 Mil (1:34) scale layout	Cover	296/Oct 96##
Colin Barry	<b>Review:</b> JG Models Wa kit (Wa298)	p6	296/Oct 96##
Terry Bradley	<b>Journal Jewels:</b> Kiwi Lager and Tranz Rail Dc's	p10	296/Oct 96##
Brian Roulston/Glen Anthony	<b>Techniques:</b> A train at a time sheep wagons – mass production from styrene	p11	296/Oct 96##
John Agnew	<b>Our Heritage:</b> Small Bagnalls Shannon, Pakihi, Christchurch gasworks. Barclay/Peckett Auckland Gas	p14	296/Oct 96##

Colin Barry	<b>Station File:</b> Lincoln (includes yard plan)	p16	296/Oct 96##
Roy Sinclair	<b>Journal Author:</b> Colin Barry	p19	296/Oct 96##
Bill & Wayne Cousins	<b>90s NZ Rail:</b> EF3007 Ongarue, DX5016/DC4375 Makatote, DX5080/5097 Raurimu, DX5431 Taumarunui	p19	296/Oct 96##
Brian Eastergaard	<b>1:34 Layout:</b> Notown, shelf layout based on NZ West Coast	p22	296/Oct 96##
Peter Hodge	<b>Perspective:</b> Ninety not out, highlights for the history of modelling New Zealand railways	p27	296/Oct 96##
Brian Cross	<b>Techniques:</b> Bogmaster remembers earl days of resin casting	p29	296/Oct 96##
John Agnew	<b>Our Heritage:</b> Ab809 Amberley, Ab615 Belfast, Ab610 Motukarara, Ab776 Aylesbury	p30	296/Oct 96##
Paul Andersen-Gardiner	<b>Perspective:</b> Undertaking oral history	p32	296/Oct 96##
	<b>Profile:</b> Kelvin Barry (KB Workshops)	p34	296/Oct 96##
	<b>Trade News</b>	p34	296/Oct 96##
	<b>Review:</b> 1996 calendars	p35	296/Oct 96##
	<b>Review:</b> Model Company 7mm scale Model TT truck kit and figures,	p36	296/Oct 96##
	<b>Postbag</b>	p36	296/Oct 96##
	<b>Reports:</b> Christchurch and Wellington train shows, Pokaka	p37	296/Oct 96##
Glen Anthony/Raoul Quinn	<b>Photos:</b> Otago Model Engineers' portable 1:64 layout, Bert's Garage in 7mm scale by The Model Company	Back	296/Oct 96##
Lawrence Boul	<b>Photo:</b> Lawrence Boul's prize winning model of a 1:64-scale 1890s 44ft car	Cover	297/Dec 96##
Raoul Quinn/Bob Carline	<b>1:64 Layout:</b> The North Shore MRC's Waitemata & Chelsea Railway	p6	297/Dec 96##
Lawrence Boul	<b>Journal Jewels:</b> Lawrence Boul's 44ft elevated roof car	p12	297/Dec 96##
Terry Bradley	<b>Techniques:</b> Decalling	p13	297/Dec 96##
Paul Berntsen	<b>Techniques:</b> Reviving decals	p15	297/Dec 96##
Kevin Crosado	<b>Rail history:</b> Kaukapapa revisited	p15	297/Dec 96##
	<b>Fifties Focus:</b> Taranaki trains – Bb109, Bb109/Ab708, Ww557/Wf467/Wf380, Ja1290	p16	297/Dec 96##
Paul Napier	<b>Structures:</b> A New Zealand sawmill – researching and building the model in 9 Mil (1:34) scale	p18	297/Dec 96##
Glen Robertson/Kevin Crosado	<b>Plan, text and photos:</b> Dd class car transporter	p23	297/Dec 96##
John Agnew	<b>Our Heritage:</b> Early Picton – Wharf scene, first station, G55	p26	297/Dec 96##
Paul Berntsen	<b>Locomotivery:</b> Building 'Annie' in 7mm (1:43) scale (includes plan)	p28	297/Dec 96##
Rob Murgatroyd	<b>Electrics:</b> Simple signalling systems: A look at the electronic options	p31	297/Dec 96##
	<b>Journal Author:</b> Rod Murgatroyd	p33	297/Dec 96##
Glen Anthony	<b>90s NZ Rail:</b> Tunnel Motors – Springfield, Heathcote, duct details, Lyttelton	p34	297/Dec 96##
J A T Terry	<b>Station File:</b> Rotowaro (includes yard plan)	p36	297/Dec 96##
	<b>Book Reviews:</b> <i>Always a Tram in Sight</i>	p39	297/Dec 96##

	<b>Internet</b>	p39	297/Dec 96##
	<b>Reviews:</b> NZ Finescale 1:64 carriage end details	p39	297/Dec 96##
	<b>Postbag</b>	p40	297/Dec 96##
	<b>Trade news:</b> South Head, Model Company, Railmaster Exports, Precision Railcrafts, South Dock, Online	p40	297/Dec 96##
	<b>Profile:</b> John & Doreen Agnew (Railmaster Exports)	p41	297/Dec 96##
	<b>Report:</b> Christchurch train show	p42	297/Dec 96##
Raoul Quinn	<b>Photos:</b> Two scenes on the North Shore MRC's Waitemata & Chelsea Railway	Back	297/Dec 96##
Kevin Crosado	<b>Photo:</b> Russell Postlewaight's B304 and Ken Cousins' B303 double heading	p6	298/Feb 97##
Wayne Cousins	<b>1:64 Layout:</b> Modern Image	p6	298/Feb 97##
Bill Cousins	<b>Fences:</b> Making post and wire fences and gates	p9	298/Feb 97##
John Agnew	<b>Fifties Focus:</b> Rebuilt Aa's: Hutt shops, Raetihi, Marton, Waiouru	p12	298/Feb 97##
Paul Berntsen/Raoul Quinn	<b>Locomotivery:</b> B303 in 1:34 scale	p14	298/Feb 97##
Wayne Brindle	<b>Techniques:</b> Solving the cowcatcher/Kadee coupler problem	p16	298/Feb 97##
Brian Eastergaard	<b>Techniques:</b> Adapting 1:24-scale figures	p17	298/Feb 97##
Keith & Mike Edwards	<b>Journal Jewels:</b> 1:64-scale Df6254	p21	298/Feb 97##
Brian Eastergaard	<b>Plan, text and photos:</b> Wellington single truck, double deck trams	p22	298/Feb 97##
Peter Hodge	<b>Our Heritage:</b> WMR 10 (Ob456), 11 (Ob455), 6 (V450) and 3 (Wj466)	p24	298/Feb 97##
Rhys Batchelor	<b>Locomotivery:</b> Suggestions for locomotives to convert to NZ120	p26	298/Feb 97##
Rhys Batchelor	<b>Journal Author:</b> Rhys Batchelor	p28	298/Feb 97##
Glen Robertson	<b>Plan, text and photos:</b> FM guard's van	p29	298/Feb 97##
Jeff Driver	<b>Report:</b> Guild Jubilee	p31	298/Feb 97##
Kevin Crosado	<b>Layout Ideas:</b> Nowhere in particular – standard yard plans	p32	298/Feb 97##
Ken Devlin	<b>Nineties NZ Rail:</b> Fruit salad days – DXs Tumai, DFs Allanton, DCs and DXs Seacliff	p34	298/Feb 97##
Keith Collins	<b>Review:</b> Kensey plastic track and turnout sleepering	p36	298/Feb 97##
Kevin Crosado	<b>Book Review:</b> <i>NZ Railways Freight Rolling Stock Plan Book Volume One.</i>	p36	298/Feb 97##
	<b>Postbag</b>	p36	298/Feb 97##
	<b>Profile:</b> Terry Bradley (Car & Wagon Graphics)	p39	298/Feb 97##
	<b>Club News:</b> Christchurch, Auckland	p39	298/Feb 97##
	<b>Obituary:</b> Hugh Bennett	p39	298/Feb 97##
	<b>Photos:</b> The Model Company's B303, B303 (Ken Cousins) and B304 (Russell Postlewaight) in 1:64 scale	Back	298/Feb 97##

Peter Ross	<b>Photo:</b> Ford Model railcar R5 in 1:64 scale	Front	299/Apr 97##
Les Downey	<b>1:64 Layout:</b> Fifties North Line Avondale Railway	p6	299/Apr 97##
Peter Ross	<b>Scenicking:</b> Dry long grass	p13	299/Apr 97##
Peter Ross	<b>Journal Author:</b> Peter Ross	p15	299/Apr 97##
Graham Radcliffe	<b>Nineties Rail:</b> Marlborough '96: DC Elevation, DF6044/6162 Picton, DX5385/DC4035, express Dashwood	p16	299/Apr 97##
Paul Napier	<b>Road vehicles:</b> GMC Trucks of the NZR	p18	299/Apr 97##
Colin Barry	<b>Station File:</b> Cascade (Buller Gorge)	p21	299/Apr 97##
Ken Cassells	<b>Fifties Focus:</b> South Island West Coast – A578 Westport, B303 Reefton, Ikamatua Sawmills, B304 Inangahua	p24	299/Apr 97##
Paul Berntsen	<b>Tools:</b> Buildings from photos	p26	299/Apr 97##
Mike Harper	<b>Journal Jewels:</b> Kb 967 in 1:64 scale	p29	299/Apr 97##
Kevin Crosado	<b>Plan, text and photos:</b> Curve boards	p30	299/Apr 97##
Glen Robertson/Peter Hodge	<b>Plan, text and photos:</b> Price Da 0-4-0 2ft gauge tractors	p32	299/Apr 97##
Kevin Crosado	<b>Our Heritage:</b> St Helens, Seddonville, Westport-Cardiff Coal Co Chasm Creek early 1900s	p34	299/Apr 97##
	<b>Trade news:</b> GT Carter, Bay Line, Kelmarna, City Depot, Springfield Models	p36	299/Apr 97##
	<b>Internet</b>	p36	299/Apr 97##
Colin Zeff	<b>Review:</b> Springfield Q-3 steel coal hopper kit	p37	299/Apr 97##
	<b>Postbag</b>	p37	299/Apr 97##
	<b>Profile:</b> Ken Cousins (On Line Models)	p38	299/Apr 97##
	<b>Photos:</b> Peter Ross's Wf401 passing dry grass, Michael Harper's Kb967 on the Midland Line	Back	299/Apr 97##
Ed Dunn	<b>Photo:</b> Scene on Colorado and Otaki Forks	Front	300/Jun 97##
Ed Dunn	<b>1:22.5 Layout:</b> Colorado and Otaki Forks	p6	300/Jun 97##
Peter Ross	<b>Journal Jewels:</b> Wf 401 in 1:64 scale	p9	300/Jun 97##
Brian Roulston	<b>Techniques:</b> A train at a time – moulding and casting Lc wagons in 1:64 scale	p10	300/Jun 97##
Jack Creber	<b>Fifties Focus:</b> Waitara Branch – Ww671 Waitara freezing works, Ww561 Waitara loco shed, Lepperton	p16	300/Jun 97##
Kevin Crosado	<b>Plan, text and Photo:</b> Permanent speed boards	p18	300/Jun 97##
Peter Hodge	<b>Station File:</b> Manakau (includes yard plan)	p19	300/Jun 97##
John Agnew	<b>Our Heritage:</b> Taumarunui – 1920s/1930s general views	p22	300/Jun 97##
Lawrence Boul	<b>Car &amp; wagon:</b> Building white metal kits	p24	300/Jun 97##
John Scoble/Kevin Crosado	<b>Prototype:</b> Lc highside wagons	p26	300/Jun 97##
Ken Devlin	<b>Mainland movements</b> – DX5385/DFT7010/DC4726, DX5206, DBR1226, Dj3096, Clinton, Mataura, Bluff, Clutha	p30	300/Jun 97##

Chris Walker	<b>Photos:</b> Master model – 1:24 scale 1920s portable compressor	p32	300/Jun 97##
	<b>Trade news:</b> South Dock, Springfield Models, Nine Mill Models, Kensey Plastics, Precision Railcrafts, JG Models	p36	300/Jun 97##
John Hey	<b>Review:</b> Online Jp canopy wagon kit	p36	300/Jun 97##
Peter Hodge	<b>Book review:</b> Bob Hopkirk, <i>Along the Tracks with Great Little Trains</i>	p37	300/Jun 97##
	<b>Internet</b>	p37	300/Jun 97##
	<b>Reports:</b> Model-Wai, Big 'n' Little, Convention 98 train shows	p37	300/Jun 97##
	<b>Postbag</b>	p38	300/Jun 97##
	<b>Obituaries:</b> Harry Welch, Dave Reddick	p38	300/Jun 97##
	<b>Photos:</b> Wayne Haste's Railmaster Wg492, Colorado & Southern freight on Ed Dunn's G scale layout	Back	300/Jun 97##
Mike Harper	<b>Photo:</b> Railmaster Dj1256	Cover	301/Aug 97##
Glen Anthony	<b>NZ120 Layout:</b> Coach tour to model railway – layout to promote tourism	p6	301/Aug 97##
Lawrence Boul	<b>Car &amp; wagon:</b> Assembling whitmetal Q-5 hopper wagon kits part one	p9	301/Aug 97##
John Agnew/Kevin Crosado	<b>Otago branch lines:</b> Outram, Hindon, Wingatui	p14	301/Aug 97##
Brian Roulston	<b>Techniques:</b> A train at a time – moulding and casting Lc wagons in 1:64 scale	p16	301/Aug 97##
Peter Ross	<b>Perspective:</b> NZR Couplers – a nearly-good idea	p20	301/Aug 97##
Peter Ross	<b>Plan:</b> NZR “middle period” centre coupler	p20	301/Aug 97##
Glen Robertson	<b>Plan and photos:</b> GSX Containers	p23	301/Aug 97##
Mike Harper	<b>Journal Jewels:</b> 60ft loco shed in 1:64 scale	p25	301/Aug 97##
Bob Kessler	<b>Nineties NZ Rail:</b> Eo swan-song – Toshiba's at Otira	p26	301/Aug 97##
Colin Barry	<b>Station File:</b> Southbridge (includes yard plan)	p28	301/Aug 97##
Neil Andrews	<b>Trees:</b> Making ferns and punga's	p31	301/Aug 97##
Paul Berntsen	<b>Locomotivery:</b> Lagging at home – modelling lagged pipes	p35	301/Aug 97##
Trev Terry	<b>Fifties Focus:</b> Ww638, Df1505, Wab764, De512, Auckland, Otahuhu, Newmarket	p36	301/Aug 97##
Keith Collins	<b>Techniques:</b> Doors and windows in styrene	p38	301/Aug 97##
Bryan Lawrence	<b>Review:</b> Springfield Xa-5 fruit wagon kit	p40	301/Aug 97##
Rhys Batchelor	<b>Review:</b> Dynamic Diesels NZ120 freight bogies	p40	301/Aug 97##
Colin Barry	<b>Book Review:</b> <i>South Island Branch Lines</i>	p41	301/Aug 97##
Peter Hodge	<b>Book Review:</b> <i>Around Dunedin by Cable Car and Tram in the 50s</i>	p41	301/Aug 97##
Graeme Butler	<b>Review:</b> Peco Streamline 12mm gauge track	p41	301/Aug 97##
Peter Hodge	<b>Book Review:</b> <i>Journeying with Railways in NZ</i>	p42	301/Aug 97##
	<b>Postbag</b>	p42	301/Aug 97##

	<b>Internet</b>	p43	301/Aug 97##
	<b>Clubs:</b> Auckland	p43	301/Aug 97##
	<b>Reports:</b> Bush Tramway Modellers, Manawatu, Big 'n' Little Show, Convention 98 train shows	p43	301/Aug 97##
Mike Harper/Kevin Crosado	<b>Photos:</b> Mike Harper's Railmaster Dj1256, Terry Bradley's Railmaster De505. Both 1:64 scale	Back	301/Aug 97##
Peter Cumming	<b>Photo:</b> J121 enters Loars Bush on Trevor McMurdo's 1:64 Taurangi Branch	Front	302/Oct 97##
Trevor McMurdo/Peter Cumming	<b>1:64 Layout:</b> The Taurangi Branch	p6	302/Oct 97##
Trevor Cheer/Kevin Crosado	<b>Journal Jewels:</b> Wa165 in 1:34 scale	p10	302/Oct 97##
Graham Dredge	<b>Electrics:</b> Locomotive lighting made easy	p11	302/Oct 97##
Stu Brown	<b>Fifties Focus:</b> Palmerston North, Ka953, Bb?, Standard railcar RM35, Drewry railcar RM101	p14	302/Oct 97##
Peter Hodge	<b>Station File:</b> Tiakitahuna (includes yard plan)	p16	302/Oct 97##
Brian Eastergaard	<b>Weathering:</b> Whether or not to weather	p17	302/Oct 97##
Brett Grinder	<b>Road vehicles:</b> Modifying diecast vehicles	p20	302/Oct 97##
Barry Fitzgerald	<b>Road vehicles:</b> Land Rover in 1:64 scale	p21	302/Oct 97##
John Scoble	<b>Nineties NZ Rail:</b> Flat wagon UR1092/EAS16, highsider SH70; coal hoppers CB11269 ex CF1044, CC193	p24	302/Oct 97##
Lawrence Boul	<b>Car &amp; wagon:</b> Whitmetal Q-5 hopper wagons part two – detailing	p26	302/Oct 97##
Paul Mahoney collection	<b>Plan and photos:</b> PWD8102 standard flag station	p30	302/Oct 97 ##
Kevin Crosado	<b>Our Heritage:</b> Cape Foulwind Railway	p32	302/Oct 97##
Kevin Crosado	<b>Plan, text and photos:</b> Temporary speed boards	p34	302/Oct 97##
Darryl Palmer	<b>Locomotivery:</b> Scratchbuilding TR782 in 1:64 scale	p37	302/Oct 97##
	<b>Trade news:</b> Bay Line, Chosen Scale, Nine Mill, Car & Wagon, Model Company, Online, South Dock, Ironhorse	p39	302/Oct 97##
	<b>Other news:</b> Bush tramway modellers, 1:34 Dubs A, Pokaka, Guild Jubilee	p39	302/Oct 97##
	<b>Reviews:</b> Scale rule, NZ120 FM van	p40	302/Oct 97##
	<b>Book Review:</b> NZR Wagon Plan Book, Journal compendium (index), 1998 calendars	p40	302/Oct 97##
	<b>Postbag</b>	p41	302/Oct 97##
Peter Cumming/Kevin Crosado	<b>Photos:</b> Ab730 on Trevor McMurdo's Taurangi Branch, Brian Eastergaard's 1:34-scale workman's hut	Back	302/Oct 97##
Bill Cousins	<b>Photo:</b> Vulcan railcar RM52 on Bill Cousin's North Canterbury layout	Front	303/Dec 97##
John Rappard/Don Weston	<b>NZ120 Layout:</b> Otago railway scenes	p6	303/Dec 97##
Bill Cousins	<b>Journal Jewels:</b> Colour light signal gantry in 1:64 scale	p11	303/Dec 97##
Kevin Crosado	<b>Our Heritage:</b> Early wharf to ship coal handling, Wellington, Opuia, Westport	p12	303/Dec 97##
Trevor Cheer	<b>Car &amp; wagon:</b> Double door cattle wagons in 1:34 scale	p14	303/Dec 97##

Ian Galbraith	<b>Report:</b> Guild 50 <sup>th</sup> Jubilee	p19	303/Dec 97##
Jack Creber	<b>Fifties Focus:</b> U51 on the Outram Branch	p20	303/Dec 97##
Ken Cousins	<b>Car &amp; wagon:</b> Scratchbuilding Ubc and Uct bulk cement and tallow wagons in 1:64 scale	p22	303/Dec 97##
Jim Dangerfield	<b>Station File:</b> The Dunedin - Mosgiel Railway (includes track plan)	p24	303/Dec 97##
Peter Ross	<b>Perspective:</b> Realism – it seems to be snowballing	p29	303/Dec 97##
Bob Kessler	<b>Nineties NZ Rail:</b> Track Maintenance, ballast machines and wagons	p30	303/Dec 97##
Paul Napier	<b>Locomotivory:</b> Modelling Driving Creek Railway's Mouse, Possum, Snake and Co in 1:34 scale	p32	303/Dec 97##
Ken Cassells	<b>Plan, text and photos:</b> Westfield Freezing Company's 0-6-0ST	p35	303/Dec 97##
	<b>Trade news:</b> Bay Line, Kelmarna, Model Company	p37	303/Dec 97##
	<b>Book Review:</b> <i>Fares Please</i>	p37	303/Dec 97##
	<b>Reviews:</b> Fiducia tram kit, 1:43 scale log bogies	p37	303/Dec 97##
	<b>Postbag</b>	p38	303/Dec 97##
	<b>Scenicking:</b> Nineties road signs (1:64 scale in colour)	Back	303/Dec 97##
Lawrence Boul	<b>Photos:</b> Loading wool at Port Nelson	Front	304/Feb 98##
Kerry Thompson	<b>1:64 Layout:</b> Nelson to Port Nelson	p6	304/Feb 98##
John Agnew	<b>Our Heritage:</b> Nelson stock for scrapping – Wf62 Motupiko, Dun Mountain bus, Wf departing	p12	304/Feb 98##
Colin Barry	<b>Techniques:</b> Water columns from Plastruct	p14	304/Feb 98##
Maurie Duston	<b>Fifties Focus:</b> Hutt Valley Suburban Steam – Taita, Woburn, Melling	p16	304/Feb 98##
Russell Postlewaight	<b>Locomotivory:</b> Ww684 from Railside 1:64 kit	p18	304/Feb 98##
Wayne Haste	<b>Locomotivory:</b> Made in Haste – Frateschi to a Tee (T106 in 1:64 scale)	p19	304/Feb 98##
John Robinson	<b>Plan and photos:</b> T102	p20	304/Feb 98##
Rod Murgatroyd	<b>Bits &amp; bytes:</b> Internet surfing with Rod	p22	304/Feb 98##
Peter Ross	<b>Techniques:</b> Pin it, Dear Henry, pin it!	p23	304/Feb 98##
Wayne Brindle	<b>Techniques:</b> Reliable running – setting up chassis	p24	304/Feb 98##
Kevin Crosado	<b>Plan, text and photos:</b> Mile and kilometre posts	p25	304/Feb 98##
Peter Hodge	<b>Nineties NZ Rail:</b> Otaki ballast, DC4415 Putaruru, DC4225/4035, DJ3096 Kinleith,	p26	304/Feb 98##
Evan James	<b>Structures:</b> Cobden shunter's hut in 1:34 scale	p28	304/Feb 98##
Trevor Cheer	<b>Wagon loads:</b> Sawn timber	p29	304/Feb 98##
Terry Bradley	<b>Our Heritage:</b> Standard railcar bogies	p30	304/Feb 98##
Russell Smith	<b>Obituary:</b> Bill Rogers	p32	304/Feb 98##
	<b>Book Review</b>	p32	304/Feb 98##

	<b>Trade news:</b> Bay Line, Von Strapp, Model Company, Online, Car & Wagon	p32	304/Feb 98##
	<b>Postbag</b>	p33	304/Feb 98##
	<b>Reviews:</b> Kensey styrene, CVP DCC	p34	304/Feb 98##
Lawrence Boul/Kerry Thomson	<b>Photos:</b> Two scenes on the Nelson to Port Nelson layout	Back	304/Feb 98##
Evan James	<b>Photo:</b> Belmont loco depot on Evan James's early 1900s 1:34-scale layout	Front	305/Apr 98##
John Hey	<b>Car &amp; wagon:</b> Building Lw wagons in 1:64 scale	p6	305/Apr 98##
Graeme Butler	<b>Profile:</b> Introducing Your New Editor	p9	305/Apr 98##
Paul Berntsen	<b>1:43 Layout:</b> Realism – a comment on the possible	p10	305/Apr 98##
John Agnew	<b>Fifties Focus:</b> Ngaurukehu – Ka946, crossing, Ka943, K919	p12	305/Apr 98##
Evan James	<b>1:34 Layout:</b> Belmont Loco Depot	p14	305/Apr 98##
John Agnew	<b>Our Heritage:</b> Kakahi – L219/D198, L209, Raurimu – K919, Ka944	p16	305/Apr 98##
Rhys Batchelor/Darryl Bond	<b>Bits &amp; bytes:</b> DCC for the rest of us	p18	305/Apr 98##
John Agnew/Jack Creber	<b>Station File:</b> Ngaurukehu (includes yard plan)	p21	305/Apr 98##
Bill Cousins	<b>Nineties NZ Rail:</b> Dc4588 Awakaponga, Dc4692, Df6133, Df621 Murupara	p22	305/Apr 98##
Phil Rzoska	<b>Prototype:</b> Coupler height	p24	305/Apr 98##
Graeme Butler	<b>Bridges:</b> Kopuawhara viaduct model	p25	305/Apr 98##
John Agnew	<b>Fifties Focus:</b> A607 Napier; Ww481, X444, Ww490 Gisborne; Ab747 Woodside, Wf Greytown	p26	305/Apr 98##
Peter Ross	<b>Tools:</b> Of bars and wine boxes (fitting cab window coal bars)	p28	305/Apr 98##
Trevor Cheer	<b>Wagon loads:</b> Flat wagons	p29	305/Apr 98##
Graeme Butler	<b>Prototype:</b> Priestman coal grab Invercargill	p30	305/Apr 98##
Terry Bradley	<b>Perspective:</b> 9mm (1:34) scale track standards	p31	305/Apr 98##
Jeff Driver	<b>Bits 'n' Bobs</b>	p32	305/Apr 98##
	<b>Book Review</b>	p33	305/Apr 98##
	<b>Postbag</b>	p33	305/Apr 98##
	<b>Trade news:</b> Railmaster Exports, Online	p33	305/Apr 98##
Raoul Quinn	<b>Photo:</b> Price C on the Waitemata & Chelsea Railway	Back	305/Apr 98##
Raoul Quinn	<b>Photo:</b> 1:64 <b>Layout:</b> Kerosine Creek scene	Front	306/Jun 98##
Graeme Butler	<b>Perspective:</b> Scale? Gauge?	p6	306/Jun 98##
	<b>Profiles:</b> Guild's new president and vice president (Glen Robertson/Keith Collins)	p9	306/Jun 98##
Paul Berntsen	<b>Layout Ideas:</b> News from the Eastern Front – space for a layout	p10	306/Jun 98##



	NZAMRC convention competition results	p12	306/Jun 98##
Peter Hodge	<b>Fifties Focus:</b> Ongarue bush jiggers and lokeys	p14	306/Jun 98##
Terry Bradley	<b>Report:</b> Convention '98: Waitakere convention	p16	306/Jun 98##
Graeme Butler	<b>Plan, text and photos:</b> A & G Price Model 13 diesel hydraulic	p19	306/Jun 98##
Evan James	<b>Structures:</b> Concrete buildings in 1:34 scale	p22	306/Jun 98##
Bill Cousins	<b>Added detail:</b> Numbers on bridges and tunnels	p24	306/Jun 98##
Ken Cousins	<b>Locomotivery:</b> Building F39 in 1:64 scale	p26	306/Jun 98##
Graham Dredge	<b>Electrics:</b> Train tail lighting made easy	p27	306/Jun 98##
Terry Bradley	<b>Our Heritage:</b> Shaft and belt City – inside a period railway workshop	p28	306/Jun 98##
Terry Bradley	<b>Prototype:</b> From the shunting manual	p30	306/Jun 98##
Jeff Driver	A message from the Driver: News roundup	p32	306/Jun 98##
	<b>Postbag:</b> Kevin Crosado – NZR drawgear height	p33	306/Jun 98##
	<b>Review</b>	p34	306/Jun 98##
	<b>Trade news:</b> Model Company, Car & Wagon, Bay Line, Prsn Railcrafts, Online, South Dock	p34	306/Jun 98##
	<b>Book Review</b>	p35	306/Jun 98##
	<b>Photos:</b> Wayne Brindle's winning model of a Grafton Road boarding house in 1:64 scale	Back	306/Jun 98##
Terry Bradley	<b>Photo:</b> Scene on Ken Cousins' 1:64 layout	Front	307/Aug 98##
Lawrence Boul	<b>Car &amp; wagon:</b> The fastest Fell van in the west	p6	307/Aug 98##
Terry Bradley	<b>Station File:</b> Piako (includes yard plan)	p10	307/Aug 98##
Graham Baker	<b>NZ120 Layout:</b> Making a start	p12	307/Aug 98##
Terry Bradley	<b>Fifties Focus:</b> Around Auckland – Wab771, Wab770/Df, Wab802	p14	307/Aug 98##
Paul Napier	<b>Plan and text:</b> Whanganui river boats part one	p16	307/Aug 98##
Bob Hopkirk	<b>Perspective:</b> Place names for NZ modellers part one	p18	307/Aug 98##
Terry Bradley	<b>Plan, text and photos:</b> Wab764	p19	307/Aug 98##
Paul Berntsen	<b>Layout Ideas:</b> News from the Eastern Front – baseboard construction	p22	307/Aug 98##
Paul Anaru	<b>Operation:</b> Some thoughts	p23	307/Aug 98##
Bill Cousins	<b>Added detail:</b> Dereliction and decay	p24	307/Aug 98##
Evan James	<b>Bits &amp; bytes:</b> Website guide	p26	307/Aug 98##
Brian Eastergaard	<b>Layout Ideas:</b> Realism checklist	p27	307/Aug 98##
John Agnew	<b>Our Heritage:</b> WMR – Manning Wardle 2 and 4, Original 10, Bc463/Wj466	p28	307/Aug 98##
	<b>Postbag:</b> Ngatira Station, Doric Mabon; Mystery Workshops (Petone), Ian Gilmore; Material (inviting		

	contributions to <i>Continental Modeller</i> , the editor; Convention Format (personal views), the editor; Convention Clinics (need to be better organised), Paul Berntsen; Convention Review (debating, etc), Karl Morris; Conventions (future of), Ian Munro; Russel Postlewaight, Peter Ross.	p30	307/Aug 98##
	<b>Trade news:</b> South Dock, Von Strapp, Majik,	p34	307/Aug 98##
	<b>Review:</b> North Yard gearboxes	p35	307/Aug 98##
Jeff Driver	A message from the Driver: News roundup	p36	307/Aug 98##
Paul Berntsen/Phil Rzoska	<b>Journal Jewels:</b> 1:34-scale model of DS94	Back	307/Aug 98##
Raoul Quinn	<b>Photo:</b> De512 heads wooden cars past a Blue Streak railcar on the North Shore MRC's layout	Front	308/Dec 98##
Paul Napier	<b>Photos and text:</b> Whanganui river boats part two: Ongarue	p6	308/Dec 98##
John Agnew	<b>Fifties Focus:</b> Around Wellington – Wab800, Ww673, Ww571. Petone, Lower Hutt, Wellington	p8	308/Dec 98##
Bob Hopkirk	<b>Perspective:</b> Place names for NZ modellers part two	p10	308/Dec 98##
Kevin Crosado	<b>Road vehicles:</b> Austin stock truck	p11	308/Dec 98##
Paul Napier	<b>Plan:</b> Whanganui river boat Ongarue	p12	308/Dec 98##
Paul Berntsen	<b>Layout Ideas:</b> News from the Eastern Front – tracklaying/hidden sidings	p14	308/Dec 98##
Bill Cousins	<b>Added detail:</b> Retaining walls	p16	308/Dec 98##
	<b>Postbag:</b> Runaway Fell Van (F389, Roa), Ian Coates; Internet Mail List, Rod Murgatroyd; Convention 2000, Bill Pierson.	p18	308/Dec 98##
	<b>Book Reviews:</b> <i>Era of the Bush Tram in NZ</i> , Paul Mahoney; <i>WW Stewart: 20<sup>th</sup> Century NZ Railway Painter</i> .	p19	308/Dec 98##
Railways Publicity	<b>Photos:</b> Four-wheeled railcars RM20 and RM21	Back	308/Dec 98##
Graeme Butler photo	<b>Photo:</b> A scene on Peter Cameron's 1:32-scale East Coast Railway	Front	309/Feb 99##
Glen Robertson	<b>Prototype:</b> Why railway bridges look the way they do	p6	309/Feb 99##
Evan James	<b>Tools:</b> Modelling with CAD	p10	309/Feb 99##
John Agnew	<b>Fifties Focus:</b> Lyttelton boat trains	p12	309/Feb 99##
John Agnew	<b>Rail history:</b> Lyttelton boat trains – When the Jackaroo became the Centennial Train	p14	309/Feb 99##
Terry Bradley	<b>Plan, text and photos:</b> Hunslett 0-6-0 Y542	p15	309/Feb 99##
Evan James	<b>Bits &amp; bytes:</b> Marshalling the Cyberspace yard	p19	309/Feb 99##
Paul Berntsen	<b>Scenicking:</b> News from the Eastern Front – scenery, etc.	p20	309/Feb 99##
Terry Bradley	<b>Prototype:</b> Sidings and wagon lengths	p23	309/Feb 99##
Bill Cousins	<b>Added detail:</b> Flange lubricators	p24	309/Feb 99##

	<b>News, views and Reviews</b>	p26	309/Feb 99##
Jeff Driver	From the Driver's side	p26	309/Feb 99##
	<b>Trade news:</b> Model Company, South Dock	p27	309/Feb 99##
	<b>Postbag:</b> Production Delays, Alan Curtis; Whanganui River Boats, Bob Stott; More on Fell Brake Vans (body bracing), Maurie Duston; Models for Juniors (low-cost La wagon kits), Ian Robertson; Juniors in the Guild, Michael Harrison.	p28	309/Feb 99##
Terry Bradley	<b>Photos:</b> TR148 at National Park	Back	309/Feb 99##
Bill Cousins	<b>Photo:</b> Ab617 arriving at Springside (1:64 scale)	Front	310/Mar 99##
Bob Hepburn	<b>Bridges:</b> Modelling the Firewood Creek trestle in 1:64	p6	310/Mar 99##
	<b>Profile:</b> Bob Hepburn	p7	310/Mar 99##
Bob Hepburn	<b>Fifties Focus:</b> Waikato coalfields excursion – Bb635, Firewood Creek trestle	p10	310/Mar 99##
Evan James	<b>Road vehicles:</b> From Russia with Love – building a 1920s-era petrol tanker in 1:34 scale	p12	310/Mar 99##
Phil Yates	<b>Weathering:</b> Shadow chasing brings models to life	p13	310/Mar 99##
Graeme Butler	<b>Photos:</b> Greytown revisited	p14	310/Mar 99##
Terry Bradley	<b>Plan, text and photos:</b> The Tin Hares (Wairarapa railcars)	p15	310/Mar 99##
Paul Berntsen	<b>Perspective:</b> News from the Eastern Front – inspiration	p19	310/Mar 99##
Evan James	<b>Bits &amp; bytes:</b> Marshalling the Cyberspace yard	p20	310/Mar 99##
Michael Gee	<b>Perspective:</b> And now for something a little smaller (1:160 NZR modelling)	p21	310/Mar 99##
Andrew Shelley	<b>Self-propelled:</b> A bush jigger in HOn2.5 (1:87)	p22	310/Mar 99##
Bill Cousins	<b>Added detail:</b> House and garden	p24	310/Mar 99##
	<b>Profile:</b> Evan James	p26	310/Mar 99##
	<b>Reviews</b>	p27	310/Mar 99##
	<b>Trade news:</b> Ironhorse, Bay Models, KB Workshops	p28	310/Mar 99##
	<b>Images of the Eighties:</b> Weathered DAs	Back	310/Mar 99##
Lawrence Boul	<b>Photo:</b> One arm McKenzie & Holland semaphore signal in 1:64-scale	Front	311/Apr 99##
Keith Collins	<b>Trackwork:</b> True scale NZR pointwork part 1	p6	311/Apr 99##
Peter Ross	<b>Journal Jewels:</b> Colin Barry's 1:64-scale loco depot	p10	311/Apr 99##
John Whyte	<b>1:34 Diorama:</b> The country garage	p12	311/Apr 99##
Peter Ross	<b>Perspective:</b> The cat came back (1:64 NZR Couplers)	p14	311/Apr 99##
John Dudson	<b>Road vehicles:</b> 1:64-scale cars of American origin part 1	p18	311/Apr 99##

Paul Berntsen	<b>Tips and hints:</b> News from the Eastern Front – loose ends	p20	311/Apr 99##
John Agnew	<b>Our Heritage:</b> Early 20th Century Greymouth (includes track plan)	p21	311/Apr 99##
Peter Ross	<b>Plan, text and photos:</b> Locomotive fittings Part 1 – Electric Headlights	p26	311/Apr 99##
Colin Barry/Peter Ross	<b>Prototype:</b> Winslow - an interesting experiment	p28	311/Apr 99##
Kevin Crosado	<b>Text and Photos:</b> Those Winslow Qs	p29	311/Apr 99##
Bob Stott	<b>Scenicking:</b> Sowing grass with a bit of puff (static grass)	p30	311/Apr 99##
Bob Stott	<b>Structures:</b> Railway gates (includes prototype info)	p32	311/Apr 99##
Peter Ross	<b>Perspective:</b> Pushing the Boundaries – 1:64 Finescale wheels	p33	311/Apr 99##
	<b>Reviews:</b> NZ Finescale signal kit	p36	311/Apr 99##
	<b>Trade news:</b> Online, Von Strapp, Model Company, Precision Railcrafts, NZ Finescale	p37	311/Apr 99##
	<b>Clubchat:</b> Christchurch, Juniors, The Hobby Shoppe	p38	311/Apr 99##
	<b>Obituary:</b> Sydney Naish	p39	311/Apr 99##
	<b>Postbag</b>	p39	311/Apr 99##
Brian Whebell	<b>Fifties Focus:</b> Shiny engines in Auckland, DSC402/DA1406	Back	311/Apr 99##
Peter Ross	<b>Photo:</b> Two of Graham Venning's fine 1:64-scale 50ft steel panelled passenger cars	Front	312/Jun 99##
Graham Venning	<b>Car &amp; wagon:</b> An upgrade for your passenger services (50ft steel cars)	p6	312/Jun 99##
Brian Cross/Wayne Haste	<b>Fifties Focus:</b> The Silverstream bridge	p12	312/Jun 99##
Evan James	<b>Clubchat:</b> Christchurch, Wellington, Timaru, convention	p14	312/Jun 99##
Peter Ross	<b>Perspective:</b> Pushing the boundaries – 1:64-scale etched rods	p15	312/Jun 99##
Peter Ross	<b>Tools:</b> Wheel Quartering – getting driving wheels right	p17	312/Jun 99##
Bob Hepburn	<b>Bridges:</b> Waikohu combined road/rail bridge in 1:76	p18	312/Jun 99##
Glen Robertson/Tranz Rail/Karl Morris	<b>Plan, text and photos:</b> ZC curtain-side box wagon	p22	312/Jun 99##
Kevin Crosado	<b>Prototype:</b> Bridge bits (extracts from NZR manual)	p25	312/Jun 99##
Bryan Lawrence/Graham Radcliffe	<b>Our Heritage:</b> Dunedin – B/Ww on platform crossover, pneumatic point motors	p28	312/Jun 99##
Bob Stott	<b>Tools:</b> The photocopier as a modelling tool	p30	312/Jun 99##
Brian Eastergaard	<b>Prototype:</b> Wire ropes and their use in the bush	p32	312/Jun 99##
Keith Collins	<b>Trackwork:</b> True scale NZR pointwork part 2	p35	312/Jun 99##
	<b>Photos:</b> DD wagon and RoadRailer update	p37	312/Jun 99##
	<b>Report:</b> Modeller's Festival 99, Bernard Weller	p38	312/Jun 99##
	<b>Reviews</b>	p39	312/Jun 99##
Jeff Driver	From the Driver's side	p40	312/Jun 99##

	<b>Trade news:</b> Model Company, North Yard, Trackside Details, Chosen Scale	p40	312/Jun 99##
	<b>Postbag</b>	p40	312/Jun 99##
Peter Ross/Graham Venning	<b>Journal Jewels:</b> 1:64-scale models – WA289/steel cars	Back	312/Jun 99##
Wayne Brindle	<b>Photo:</b> Award winning boarding house in 1:64	Front	313/Aug 99##
Wayne Brindle	<b>Structure:</b> The Grafton Road boarding house	p6	313/Aug 99##
Peter Ross	<b>Nineties NZ Rail:</b> QR locomotives Middleton	p12	313/Aug 99##
John Whyte/Raoul Quinn	<b>Plan:</b> 143 Grafton Road	p14	313/Aug 99##
Paul Berntsen	<b>Tools:</b> News from the Eastern Front – scrawking guide	p17	313/Aug 99##
Kevin Crosado	<b>Fifties Focus:</b> Taihape in 1958	p18	313/Aug 99##
Andrew Wells	<b>Tools:</b> Toggle clamps make useful jig	p20	313/Aug 99##
Karl Morris	<b>Plan, text and photos:</b> VRA temperature-controlled wagons	p21	313/Aug 99##
Glen Robertson/Tranz Rail	<b>Plan:</b> VRA wagon	p22	313/Aug 99##
Keith Collins	<b>Trackwork:</b> True scale NZR pointwork part 3: Blades and frogs	p25	313/Aug 99##
Gerald Petrie	<b>Plan, text and photos:</b> Loco Profile – L91, Avonside 1199 of 1877	p29	313/Aug 99##
Colin Barry/Peter Ross	<b>Our Heritage:</b> Darfield, first and second stations, goods shed L91	p32	313/Aug 99##
John McCurdy	<b>Car &amp; wagon:</b> 1:64 track cleaning car	p34	313/Aug 99##
Kevin Crosado	<b>Obituary:</b> Peter Hodge	p36	313/Aug 99##
Paul Napier	<b>Photo and plan:</b> First NZR Hi-rail truck	p38	313/Aug 99##
	<b>Clubchat:</b> Auckland	p39	313/Aug 99##
	<b>Trade news:</b> Bay Line, JG Models, Precision Railcrafts, Trackside Details	p39	313/Aug 99##
Jeff Driver	From the Driver's side	p39	313/Aug 99##
	<b>Postbag</b>	p40	313/Aug 99##
Peter Hodge/Wayne Brindle	<b>Photos:</b> 9mm Valley Tramway, Grafton Road boarding house	Back	313/Aug 99##
Raoul Quinn	<b>Photo:</b> The Kerosine Creek Heisler passing Nailer's engine shed	Front	314/Oct 99##
John Whyte	<b>1:64 Layout:</b> Raoul Quinn's <i>Kerosine Creek</i> bush tram	p6	314/Oct 99##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch bridges	p12	314/Oct 99##
Lawrence Boul	<b>Tools:</b> Resistance is useless - resistance soldering	p14	314/Oct 99##
Max Maginness	<b>Weathering:</b> Dying to try some weathering? (wood stain)	p17	314/Oct 99##
Joe Boardman	<b>Trackwork:</b> Cross over points – new frogs for old turnouts	p18	314/Oct 99##
Jeff Driver	<b>Modeller's diary</b>	p20	314/Oct 99##

Karl Morris/Glen Robertson/Tranz Rail	<b>Plan, text and photos:</b> ZG plug-door box wagons	p21	314/Oct 99##
Peter Ross	<b>Perspective:</b> Fifteen years of Our Heritage	p25	314/Oct 99##
John Agnew	<b>Our Heritage:</b> Early 1900s Dannevirke and the Hutt Valley	p26	314/Oct 99##
Bob Stott	<b>Structures:</b> Fencing for fun	p28	314/Oct 99##
Barry/Tucker/Radcliffe/Ashman	<b>Signalling:</b> Signals for Dummies part one – lower quadrant semaphores	p30	314/Oct 99##
	<b>Trade news:</b> Station Road, Nine Mill, North Yard	p35	314/Oct 99##
	<b>Club News</b>	p35	314/Oct 99##
	<b>Reviews:</b> 2000 calendars	p35	314/Oct 99##
	<b>Postbag</b>	p36	314/Oct 99##
	<b>Obituary:</b> Barry Hamilton	p38	314/Oct 99##
Raoul Quinn	<b>Photos:</b> <i>Kerosine Creek</i> tramway	Back	314/Oct 99##
Max Maginness	<b>Photo:</b> Puponga Coal and Gold Mining Company in 1:64	Front	315/Dec 99##
Donald Goodman	<b>1:64 Layout:</b> <i>Coalhill</i> – An impression of the Denniston Incline	p6	315/Dec 99##
Andrew Wells	<b>Tools:</b> Buying a lathe and mill	p10	315/Dec 99##
John Agnew/Graham Radcliffe	<b>Fifties Focus:</b> Marton to Aramoho, Ka941, Ka934, Aramoho bridge, X591	p12	315/Dec 99##
Jim Smith	<b>Structures:</b> The butcher's shop at Ongaonga (1:64, includes plan)	p14	315/Dec 99##
Colin Barry	<b>Station File:</b> Winslow (includes yard plan)	p18	315/Dec 99##
Bernie Willis	<b>Tools:</b> How good is your eyesight, how steady your hand (railer)	p21	315/Dec 99##
Peter Ross	<b>Perspective:</b> Convention 2000's very special guest (Tony Koester)	p22	315/Dec 99##
Karl Morris	<b>Plan, text and photos:</b> ZBP class pulp wagons	p23	315/Dec 99##
Kevin Crosado	<b>Plan, text and photos:</b> Type 14 bogie	p26	315/Dec 99##
Dave Parker	<b>Bits &amp; bytes:</b> Darned Clever Control aka DCC	p28	315/Dec 99##
Peter Ross	<b>Tools:</b> Low-tech wheel quartering	p30	315/Dec 99##
Max Maginness	<b>Journal Jewels:</b> Puponga Coal and Gold Mining Company bins	p31	315/Dec 99##
Kevin Crosado	<b>Our Heritage:</b> The Mount Egmont Branch	p32	315/Dec 99##
Barry, Ashman and Tucker	<b>Signalling:</b> Signals for Dummies part two – disc signals and points indicators	p34	315/Dec 99##
Kevin Crosado	<b>Prototype:</b> NZR level crossings part 1 (plan, text and photos)	p37	315/Dec 99##
	<b>Trade news:</b> Grey Trainz, Trackside 120, Cross Creek, Trackside Details, Online	p39	315/Dec 99##
	<b>Report:</b> Bush Tramway modeller's weekend	p40	315/Dec 99##
	<b>Review</b>	p40	315/Dec 99##
	<b>Postbag:</b> NZR couplers	p41	315/Dec 99##

	<b>Members' Survey</b>	p42	315/Dec 99##
	<b>Nineties NZ Rail:</b> Some colours of the '90s (signage on wagons)	p45	315/Dec 99##
Kevin Crosado/Raoul Quinn	<b>Photos:</b> P133 in 1:64/Country garage in 1:34	Back	315/Dec 99##
Peter Ross	<b>Photo:</b> Railway houses in Carmen Rd on Roger Bennetts' 1:64-scale TALMR module	Front	316/Feb 00##
Peter Ross	<b>1:64 Layout:</b> The TALMR story part one, Roger Bennetts' modules	p6	316/Feb 00##
Wayne Brindle	<b>Structures:</b> The Astoria Hotel	p14	316/Feb 00##
Max Maginness	<b>Bridges:</b> A built-beam bridge in 1:64 scale	p16	316/Feb 00##
Karl Morris/Glen Robertson	<b>Plan, text and photos:</b> IceLiners	p21	316/Feb 00##
Reece Gibson	<b>Car &amp; wagon:</b> Building a 1:64-scale Iceliner	p26	316/Feb 00##
Colin Barry	<b>Loco File:</b> F277 the Hungerford F	p28	316/Feb 00##
Graham Dredge	<b>Electrics:</b> Build an Easi-Tester	p31	316/Feb 00##
Ken Ashman/Peter Ross/Rachel Tucker	<b>Signalling:</b> Signals for Dummies part three – mechanical signals wrap up	p32	316/Feb 00##
	<b>Plan:</b> Standard independent disc signal drawing S.1868	p36	316/Feb 00##
	<b>Plan:</b> Standard point indicator drawing S.1894	p37	316/Feb 00##
	<b>Obituary:</b> Bob McCully	p38	316/Feb 00##
	<b>News, views and Reviews</b>	p39	316/Feb 00##
	<b>News, views and Reviews</b>	p39	316/Feb 00##
	<b>News, views and Reviews</b>	p39	316/Feb 00##
Peter Ross	<b>Photos:</b> Roger Bennetts' 1:64 TALMR modules	Back	316/Feb 00##
Peter Ross	<b>Photo:</b> Colin Barry's TALMR engine shed scene in 1:64	Front	317/Apr 00##
Bryan Lawrence/Colin Barry	<b>1:64 Layout:</b> The TALMR story part two, Bryan Lawrence and Colin Barry's modules	p6	317/Apr 00##
Graham Radcliffe/Peter Ross	<b>The Last Decade:</b> DBR locomotives 1213 and 1239	p14	317/Apr 00##
Peter Ross	<b>Tools:</b> Wonderful, wonderful (Vernier) callipers	p16	317/Apr 00##
Graham Venning	<b>Wagon loads:</b> Coal	p18	317/Apr 00##
	<b>Rail history:</b> Rail heritage news	p18	317/Apr 00##
Joe Boardman	<b>Car &amp; wagon:</b> The right connections (corridor connections)	p19	317/Apr 00##
Karl Morris	<b>Plan, text and photos:</b> ZBV class box wagons	p21	317/Apr 00##
Colin Barry	<b>Prototype:</b> Makikihi trolley shed	p25	317/Apr 00##
Kevin Crosado	<b>Plan, text and photos:</b> Drawing 2442 iron highside wagons (includes road numbers)	p26	317/Apr 00##
Bob Hepburn	<b>Fifties Focus:</b> More on the Moutohora Branch	p32	317/Apr 00##

Bob Hopkirk	<b>Electrics:</b> A semi-automatic reversing loop	p34	317/Apr 00##
Ross Barkley/Peter Ross	<b>Road Vehicle:</b> 1974 Mazda ute – a toy of distinction	p34	317/Apr 00##
Reuben Romany	<b>Perspective:</b> Modelling NZR on N Gauge Track: The NZI20 story ... so far	p36	317/Apr 00##
Kevin Crosado	<b>Our Heritage:</b> Hikurangi swamp drainage	p38	317/Apr 00##
	<b>Trade news:</b> Trackside Details, Trackside 120, Bay Line, South Dock	p40	317/Apr 00##
	<b>Reviews</b>	p40	317/Apr 00##
	<b>Postbag</b>	p40	317/Apr 00##
Lawrence Boul	<b>Photos:</b> Nicely weathered 1:64-scale Q-5 hopper wagon	Back	317/Apr 00##
Ken Cousins	<b>Photo:</b> Online model of DBR1200 in 1:64	Front	318/Jun 00##
Karl Morris	<b>Report:</b> The Christchurch 2000 Convention in retrospect	p6	318/Jun 00##
Colin Fortune	<b>Photos:</b> Convention 2000 layouts	p8	318/Jun 00##
Peter Ross	<b>Perspective:</b> Convention 2000 clinics	p11	318/Jun 00##
Peter Ross	NZAMRC model competition report/results	p12	318/Jun 00##
Peter Ross	<b>Report:</b> Finescale SIG	p12	318/Jun 00##
Brian Eastergaard	<b>Humour:</b> How to get it going	p15	318/Jun 00##
John Agnew	<b>Fifties Focus:</b> Yard work – Foxton, Stirling, powder wagon, improved F	p16	318/Jun 00##
Andrew Wells	<b>Techniques:</b> DIY decals	p18	318/Jun 00##
Les Downey	<b>Perspective:</b> NZR in Oz – the sequel	p20	318/Jun 00##
Karl Morris	<b>Plan, text and photos:</b> ZD class box wagons	p21	318/Jun 00##
Joe Boardman/Graham Dredge	<b>Electrics:</b> Carriage Lighting: Northerner lights	p24	318/Jun 00##
Andrew Hewitt	<b>The Last Decade:</b> South Island trains –Wairio, Waitati, Oaro, Ashburton	p28	318/Jun 00##
Peter Ross [ed]	<b>Signalling:</b> Signals for dummies part four – three -position colour light signals	p30	318/Jun 00##
	<b>Trade news:</b> Trackside, Grey Trainz, Railmodel, ChCh Model Centre, Car Works, South Dock	p35	318/Jun 00##
John Agnew	<b>Fifties Focus:</b> Baldwin survivors – Q and Aa class Pacifics	p36	318/Jun 00##
	<b>Review:</b> EZ Line	p39	318/Jun 00##
	<b>Postbag</b>	p39	318/Jun 00##
	<b>Profiles:</b> New Executive	p40	318/Jun 00##
Colin Fortune	<b>Photos:</b> Competition winners – Lawrence Boul's 1:64 coaling crane and iron L wagon	Back	318/Jun 00##
Lawrence Boul	<b>Photo:</b> 1:64 South Head coaling crane	Front	319/Aug 00##
Lawrence Boul	<b>Car &amp; wagon:</b> Building the South Head Models coaling crane	p6	319/Aug 00##



Colin Barry/Peter Ross/John Scoble	<b>The Last Decade:</b> GT, USQ and ZA wagons	p10	319/Aug 00##
Damien Philipson	<b>Locomotivry:</b> The story of DC4513	p12	319/Aug 00##
Dene Woermann	<b>Structures:</b> Home, sweet home – period cottages in NZ120	p14	319/Aug 00##
Evan James	<b>Structures:</b> Low relief in the city – brick and plaster shop fronts in 1:34	p16	319/Aug 00##
Ian Roberts	<b>Structures:</b> Small shops – DPM fronts on scratchbuilt shops in 1:64	p19	319/Aug 00##
Kevin Crosado	<b>Plan, text and photos:</b> Pneumatic coaling cranes (includes list of numbers)	p20	319/Aug 00##
Peter Ross (ed)	<b>Signalling:</b> Signals for dummies part five – other uses for three-position signals (including CTC)	p27	319/Aug 00##
Colin Barry/John Gardener	<b>Fifties Focus:</b> Shed scenes – loco depot atmosphere	p28	319/Aug 00##
Rod Murgatroyd	<b>Bits &amp; bytes: Internet</b> goodies	p31	319/Aug 00##
Reuben Romany	<b>Report:</b> NZ120	p31	319/Aug 00##
Andrew Wells	<b>Tools:</b> Cutting foam plastic	p34	319/Aug 00##
	<b>Profiles:</b> New Executive: Graham Selman, Andrew Wells, Andrew Stevens, Ken Cousins, Ken Clough	p35	319/Aug 00##
	<b>Profiles:</b> New Executive: Graham Dredge, Neville Connew, David Siddens	p36	319/Aug 00##
	<b>Trade news:</b> woods Works, Trackside, Grey Trainz	p36	319/Aug 00##
	<b>Book Review</b>	p37	319/Aug 00##
	<b>Postbag</b>	p38	319/Aug 00##
Kevin Crosado	<b>Photos:</b> John Hey's prize winning LW wagons in 1:64	Back	319/Aug 00##
Raoul Quinn	<b>Photo:</b> Heisler on Raoul Quinn's 1:64 Kerosine Creek bush tram layout	Front	320/Oct 00##
Reece Gibson	<b>Car &amp; wagon:</b> There's more than one way to build a ZH wagon in 1:64	p6	320/Oct 00##
John Agnew/Peter Ross	<b>Our Heritage:</b> Midland Railway cars and vans	p11	320/Oct 00##
Bob Stott	<b>Structures:</b> Bunnythorpe's old pub in 1:64	p14	320/Oct 00##
Dave Parker	<b>Bits &amp; bytes:</b> DCC Clinic – decoder doctor	p17	320/Oct 00##
Peter Ross	<b>Report:</b> It's what we do on Sundays	p18	320/Oct 00##
Karl Morris/ Glen Robertson	<b>Plan, text and photos:</b> ZH box wagons	p20	320/Oct 00##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch	p24	320/Oct 00##
Colin Barry	<b>Station File:</b> Duntroon (includes yard plan)	p26	320/Oct 00##
John Agnew/Peter Ross	<b>Our Heritage:</b> Midland Railway cars and vans	p32	320/Oct 00##
D M Cole	<b>Plan:</b> NZR 22ft ex Midland Railway brake van	p34	320/Oct 00##
Nelson Kennedy	<b>Car &amp; wagon:</b> 22ft Midland van in 1:34	p35	320/Oct 00##
	<b>Guild News</b>	p36	320/Oct 00##
	<b>Trade news:</b> South Dock, Steam Machine, Woods Works, North Yard, Trackside 120	p36	320/Oct 00##

	<b>Reviews:</b> Woods Works stripwood, Siberia to the Sea	p36	320/Oct 00##
	<b>Report:</b> Guildex 2000	p37	320/Oct 00##
Dave Parker	<b>Bits &amp; bytes:</b> DCC News	p38	320/Oct 00##
John Smythe	<b>Photos:</b> Duntroon, Maerewhenua Siding	Back	320/Oct 00##
Ken Cousins	<b>Photo:</b> Online 1:64-scale Bb	Front	321/Dec 00##
Rod Murgatroyd/Peter Ross	<b>Electrics:</b> DCC-safe points	p6	321/Dec 00##
Dave Parker	<b>Bits &amp; bytes:</b> DCC news	p8	321/Dec 00##
Andy May	<b>Added detail:</b> 1:64-scale figures – a survey of what’s available and how to adapt	p9	321/Dec 00##
	<b>The Last Decade:</b> The painted lady – DC4346 in Tasman Forestry colours	p12	321/Dec 00##
Max Maginness	<b>Bridges:</b> Northern Pacific bridge	p14	321/Dec 00##
John Dudson	<b>Road vehicles:</b> 1:64-scale vehicles for the modern era	p16	321/Dec 00##
	<b>Fifties Focus:</b> Bridge 116 North Auckland line – small timber truss	p18	321/Dec 00##
	<b>Reader Feedback:</b> More on pneumatic coaling cranes	p20	321/Dec 00##
Karl Morris/ Glen Robertson	<b>Plan, text and photos:</b> The ubiquitous UK wagon	p21	321/Dec 00##
	<b>Plan:</b> UK wagon painting and lettering diagram	p26	321/Dec 00##
Paul Napier	<b>Prototype:</b> New Zealand hi-rail vehicles part one	p27	321/Dec 00##
John Agnew	<b>Lineside:</b> Country stores – Ormondville, Pauatahanui, Bainham (Langford’s)	p30	321/Dec 00##
Ken Clough	<b>Report:</b> Auckland model build weekend at Ken Cousins’	p32	321/Dec 00##
	<b>Guild News</b>	p36	321/Dec 00##
	<b>Report:</b> Wellington area modellers	p36	321/Dec 00##
	<b>Report:</b> Auckland area modellers	p37	321/Dec 00##
	<b>Reviews</b>	p37	321/Dec 00##
John Agnew	<b>Photos:</b> Langford’s General Store and Post Office, Bainham	Back	321/Dec 00##
Peter Cummings	<b>Photo:</b> Arauatu Station in 1:64 scale	Front	322/Feb 01##
David McCallum	<b>1:64 Layout:</b> Arauatu portable layout	p6	322/Feb 01##
Peter Ross	<b>Loco Depots:</b> Then and now – Linwood, Middleton	p13	322/Feb 01##
John Agnew	<b>Our Heritage:</b> Building the Toko Branch (Stratford to Okahukura) Davenport/Wd locos	p14	322/Feb 01##
Max Maginness	<b>Techniques:</b> Photographing the Rewanui 1:64 layout	p16	322/Feb 01##
Dave Parker	<b>Bits &amp; bytes:</b> DCC news	p19	322/Feb 01##
Brian Eastergaard	<b>Techniques:</b> Artist’s acrylics in modelling	p20	322/Feb 01##

Karl Morris/Glen Robertson	<b>Plan, text and photos:</b> UKW turntable wagon	p22	322/Feb 01##
Andrew Wells	<b>Techniques:</b> DIY cork roadbed	p25	322/Feb 01##
Paul Woods	<b>Plans, text and photos:</b> The Ruawai dairy factory	p26	322/Feb 01##
Paul Napier	<b>Prototype:</b> New Zealand hi-rail vehicles part two	p32	322/Feb 01##
	<b>Guild News</b>	p36	322/Feb 01##
	<b>Trade news:</b> NZ Finescale, Santa Fe, City Depot, Bay Line, CMD	p36	322/Feb 01##
	<b>Reviews</b>	p37	322/Feb 01##
	<b>Report:</b> Auckland NZR modellers	p37	322/Feb 01##
	<b>Postbag</b>	p38	322/Feb 01##
Paul Mahoney	<b>Photo:</b> Ormondville General Store c1890	p39	322/Feb 01##
Peter Cummings/Max Maginness	<b>Photos:</b> 1:64 DJ3050 crossing the Arauatu River/Max Maginness's 1:64 Rewanui Station	Back	322/Feb 01##
Trevor Cheer	<b>Photo:</b> Close-up of 1:34 Uga wagon	Front	323/Apr 01##
Trevor Cheer	<b>Car &amp; wagon:</b> Ug and Uga-4 wagons in 1:34 scale	p6	323/Apr 01##
Glen Robertson	<b>Added detail:</b> Railway clutter	p9	323/Apr 01##
John Agnew	<b>Our Heritage:</b> The leaving of Wellington town behind steam	p10	323/Apr 01##
Graham Dredge	<b>Electrics:</b> Train-tripped timer circuit	p12	323/Apr 01##
Dave Bentley	<b>Structures:</b> Ormondville Station – my version	p14	323/Apr 01##
Kevin Crosado	<b>The Last Decade:</b> Modern turnout, Wadestown, April 2000	p18	323/Apr 01##
Kevin Crosado	<b>Plan, text and photos:</b> Drawing X25112 Ug-4 horseboxes	p20	323/Apr 01##
	<b>Plan:</b> UG and UGA wagons, body X25112	p22	323/Apr 01##
Doric Mahon/Trev Terry	<b>Station File:</b> Ngatira (includes yard plan)	p27	323/Apr 01##
Dave Parker	<b>Bits &amp; bytes:</b> DCC news	p32	323/Apr 01##
Paul Napier	<b>Prototype:</b> New Zealand hi-rail vehicles part three	p33	323/Apr 01##
	<b>Guild News</b>	p36	323/Apr 01##
	<b>Trade news:</b> City Depot, Car & Wagon, Model Company, Von Strapp, Bay Line, Prn Railcrafts	p36	323/Apr 01##
	<b>Reviews</b>	p37	323/Apr 01##
	<b>Postbag</b>	p37	323/Apr 01##
	<b>Club Chat:</b> Auckland	p37	323/Apr 01##
Russell Postlewaight	<b>Associate of Honour:</b> Brian Cross, modelling innovator	p39	323/Apr 01##
Alec Fenton	<b>Photos:</b> Modern image 1:64 wagons – Loaded UR and convention placed ZBV	Back	323/Apr 01##

Bill Cousins	<b>Photo:</b> Level crossing on Bill Cousins' 1:64 layout	Front	324/Jun 01##
Noel Cresswell	<b>NZ120 Layout:</b> Marlborough	p6	324/Jun 01##
Bill Cousins	<b>Road vehicles:</b> 1:64 Kiwi trucks	p10	324/Jun 01##
Graham Dredge	<b>Bits &amp; bytes:</b> NZ_Railchat Yahoo Group – Coloured threads	p15	324/Jun 01##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch – Anzac Bridge, Waikohi, Toko, Puha	p16	324/Jun 01##
Evan James	<b>Added detail:</b> Power lines in 1:34	p18	324/Jun 01##
Ken Cousins	<b>Locomotivery:</b> Wf Rebuilds – the final chapter	p20	324/Jun 01##
Mark Cole/Ken Cousins/Karl Morris	<b>Text and Photos:</b> DBR locomotives	p21	324/Jun 01##
Alec Fenton	<b>Plan:</b> DBR locomotive	p24	324/Jun 01##
Trevor Terry/Kevin Crosado	<b>Station File:</b> Ngatira part 2 (includes water vat plan)	p26	324/Jun 01##
Mike Lough	<b>Prototype:</b> Tuatapere coaling crane	p31	324/Jun 01##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part four	p32	324/Jun 01##
Colin Barry	<b>Prototype:</b> Orari ganger's hut	p35	324/Jun 01##
	<b>Guild News</b>	p36	324/Jun 01##
	<b>Trade news:</b> NZ Finescale, Von Strapp, Model Company, TopMark, Trackside, EtchCetera	p37	324/Jun 01##
	<b>Postbag</b>	p38	324/Jun 01##
Lester Hopkins/Evan James	<b>Photos:</b> First electric tramway car in 1:32, 1:34-scale G57 shunts Belmont Harbour	Back	324/Jun 01##
Ken Cousins	<b>Photo:</b> Railmaster 1:64 DC in Tranz Rail black/yellow scheme	Front	325/Aug 01##
Lawrence Boul	<b>Signalling:</b> Modelling 1:64 semaphore signals	p6	325/Aug 01##
Dave Bentley	<b>Structures:</b> Ormondville – The goods shed	p11	325/Aug 01##
John Agnew/Ken Clough	<b>Our Heritage:</b> Manawatu trains – F184 Feilding, Ud464 Longburn, Wf/Wb Palmerston North	p14	325/Aug 01##
Peter Smith	<b>Electrics:</b> Motorising turnouts economically	p16	325/Aug 01##
Rod Murgatroyd	<b>Tools:</b> Kick those soldering woes	p18	325/Aug 01##
NZRLS archives/Karl Morris	<b>Prototype:</b> 1973 NZR emblem/logo	p21	325/Aug 01##
Karl Morris	<b>Plan, text and photos:</b> TB/TBC containers and their derivatives	p22	325/Aug 01##
Paul Mahoney	<b>Station File:</b> Part three – The Ngatira tram	p26	325/Aug 01##
Kevin Crosado	<b>Plan:</b> Ngatira log bogie	p31	325/Aug 01##
Ken Clough	<b>Photo quiz</b>	p32	325/Aug 01##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part five	p33	325/Aug 01##
	<b>Guild News</b>	p34	325/Aug 01##
	<b>Trade news:</b> NZF, Attic, Car & Wagon, Branchlines, Online, Railmaster Export, Trackside	p35	325/Aug 01##

	<b>Club News:</b> Taranaki, Wellington	p36	325/Aug 01##
	<b>Postbag</b>	p36	325/Aug 01##
Paul Berntsen	<b>Obituary:</b> Tony (Jeep) Halling	p37	325/Aug 01##
Ray Mathewson	<b>Photos:</b> Ngatira Sawmill scenes	Back	325/Aug 01##
Darryl Bond	<b>Photo:</b> NZ120 three-loco diesel lash-up in New York	Front	326/Oct 01##
Darryl Bond	<b>NZ120 Layout:</b> Size isn't everything	p6	326/Oct 01##
John Agnew/Kevin Crosado	<b>Fifties Focus:</b> Last days on the Nelson Section – Nelson, Tapawera, Glenhope	p10	326/Oct 01##
Dave Parker/Ken Clough	<b>Bits &amp; bytes:</b> Dr David's DCC discourse	p12	326/Oct 01##
Keith Collins	<b>Trackwork:</b> Railway curves (using chords and offsets)	p14	326/Oct 01##
John Dudson	<b>Road vehicles:</b> Ford trucks in 1:64 scale	p15	326/Oct 01##
Ken Cousins	<b>Car &amp; wagon:</b> Assembling the 1:64 Online Yd wagon	p19	326/Oct 01##
Ken Clough	<b>Products:</b> A visit from TopMark Products	p20	326/Oct 01##
	<b>Plan:</b> Yd-1 wagon, BPs X25744, X25830, X26340, X26341, X26342	p22	326/Oct 01##
	<b>Plan:</b> Yd painting and lettering diagram	p24	326/Oct 01##
Kevin Crosado	<b>Prototype:</b> 1949-50 series Yd air-dump wagons	p25	326/Oct 01##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part six	p32	326/Oct 01##
	<b>Guild News</b>	p34	326/Oct 01##
	<b>Trade news:</b> North Yard, NZF, Royal Philatelic Soc, Ace Toys, Majik, Trackside, High Level	p34	326/Oct 01##
	<b>Reviews:</b> 1:64 ES four-wheel wagon kit, The Great Northern, the story of the Waiau Branch	p36	326/Oct 01##
	<b>Postbag</b>	p37	326/Oct 01##
Darryl Bond	<b>Photos:</b> Diesel hauled NZ120 trains on Darryl Bond's New York layout.	Back	326/Oct 01##
Bill Cousins	<b>Photo:</b> 1:64 Ab617 with short goods in North Canterbury	Front	327/Dec 01##
Lawrence Boul	<b>Electrics:</b> Space-age semaphore operation	p6	327/Dec 01##
Colin Barry	<b>Prototype:</b> Where was that loco – 1962 South Island locomotive allocations	p9	327/Dec 01##
Kevin Crosado	<b>Our Heritage:</b> Building the Napier-Gisborne line	p10	327/Dec 01##
Graham Dredge	<b>Tools:</b> Hot wire styrene cutter – one Sunday, one hour, zero dollars	p12	327/Dec 01##
	<b>Plan and photos:</b> 6000 gallon water vats	p14	327/Dec 01##
Colin Barry/Peter Dyer	<b>Loco File:</b> Barclay 1753/PWD 551 (includes plan)	p16	327/Dec 01##
Keith Collins	<b>Trackwork:</b> Building NZR double points, part 1	p21	327/Dec 01##
	<b>Journal Jewels:</b> Ian Robertson's New Plymouth Boon tram in 1:24	p25	327/Dec 01##

Ken Lankshear	<b>Fifties Focus:</b> Waitaanga logging equipment	p26	327/Dec 01##
Kevin Crosado/Tranz Rail	<b>Plan and photos:</b> Nippon Sharyo bogie X28020	p28	327/Dec 01##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part six	p30	327/Dec 01##
David Parker	<b>Bits &amp; bytes:</b> DCC news	p34	327/Dec 01##
	<b>Guild News</b>	p34	327/Dec 01##
	<b>Trade news:</b> Bay Line, Trackside, Majik	p35	327/Dec 01##
	<b>Postbag</b>	p36	327/Dec 01##
Kevin Crosado	<b>Photo:</b> Manunui Four Square Store, 1990 + Four Square signage artwork	Back	327/Dec 01##
Kevin Crosado	<b>Photo:</b> The Model Company's 1:34-scale brass model of Da1425	Front	328/Feb 02##
Jill Boul	<b>Car &amp; wagon:</b> To L and back (iron L wagon)	p6	328/Feb 02##
Brett Grinder	<b>Road vehicles:</b> On and off the road in 1:64	p11	328/Feb 02##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch – Ww679 Makaraka, Ormond, Waipaoa, Ab710/735	p12	328/Feb 02##
Dave Bentley	<b>Structures:</b> Building a typical NZR house (Precision Railcrafts)	p14	328/Feb 02##
Karl Morris	<b>The Last Decade:</b> DSC shunter's refuges	p16	328/Feb 02##
Peter Smith	<b>Electrics:</b> Electronic detection of turnout position	p18	328/Feb 02##
Kevin Crosado	<b>Plan, text and photos:</b> Class F X27360 37½ft guard's van	p21	328/Feb 02##
Keith Collins	<b>Trackwork:</b> Building NZR double points, part 2	p29	328/Feb 02##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part eight	p32	328/Feb 02##
Dave Parker	<b>Bits &amp; bytes:</b> DCC news	p32	328/Feb 02##
	<b>Guild News</b>	p35	328/Feb 02##
	<b>Trade news:</b> NZF, Etch Cetera, Woodland Scenics, Cross Creek, Scenery Unlimited, Trackside	p36	328/Feb 02##
	<b>Postbag</b>	p37	328/Feb 02##
Kevin Crosado/Ian McKay	<b>Photos:</b> 1:34-scale Da1425 by The Model Company & ors, F1975 37.5ft van	Back	328/Feb 02##
Kevin Crosado	<b>Photo:</b> 1:64 Wf386 crossing the Port Craig bridge	Front	329/Apr 02##
Bob Stott	<b>Locomotivery:</b> Bob's thirty-hour Climax Type A	p6	329/Apr 02##
Paul Woods	<b>Products:</b> Scale rail and related issues	p11	329/Apr 02##
John Agnew/Kevin Crosado	<b>Our Heritage:</b> D149 Picton, F146 Nelson, PWD503 Otoko, Moutohora 1917	p12	329/Apr 02##
Karl Morris	<b>Report:</b> 2002 Lower Hutt convention	p14	329/Apr 02##
Peter Ross	<b>Perspective:</b> Competition comment 2002	p16	329/Apr 02##
Kevin Crosado	Photos: Model competition	p17	329/Apr 02##

Kevin Crosado	<b>Plan:</b> DG locomotive drawing X45101	p22	329/Apr 02##
	<b>Text and Photos:</b> NZR Dg locomotives	p24	329/Apr 02##
	<b>Plan and photos:</b> Dg locomotive bogie	p28	329/Apr 02##
	NZAMRC model competition results	p31	329/Apr 02##
Paul Napier	<b>Prototype:</b> New Zealand's hi-rail vehicles part nine	p32	329/Apr 02##
	<b>Plan and photos:</b> Hitachi ZAXIS70 excavator	p34	329/Apr 02##
	<b>Guild News</b>	p36	329/Apr 02##
	<b>Trade news:</b> NZF, Trackside, Ironhorse, Northeastern	p36	329/Apr 02##
	<b>Club News:</b> Wellington	p38	329/Apr 02##
	<b>Reviews</b>	p35	329/Apr 02##
	<b>Postbag</b>	p40	329/Apr 02##
Kevin Crosado/Raoul Quinn	<b>Photos:</b> Bob Stott's 1:64-scale Climax A; 1:64 Kerosine Creek Heisler and Price lokeys	p40	329/Apr 02##
Brett Grinder	<b>Photo:</b> 1:64-scale 30ft "tin belly" van from an Online kit	Front	330/Jun 02##
Ian Robertson	<b>1:24 Layout:</b> City Depot Tramway	p6	330/Jun 02##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch – Bb169, Ab702 Matawai, Rakauroa, Ab831 Tahora viaduct	p10	330/Jun 02##
Ken Cousins	<b>Car &amp; wagon:</b> 1:64 Z class nursery wagon (includes prototype info)	p12	330/Jun 02##
John Whyte	<b>Structures:</b> 1:34 Yeager's Store	p14	330/Jun 02##
Robin Knight	<b>Locomotivery:</b> Aa + X = (use of Adachi chassis)	p14	330/Jun 02##
John Agnew/Kevin Crosado	<b>Lineside:</b> Main North Line station buildings, Sefton, Ethelton	p16	330/Jun 02##
	<b>Journal Jewels:</b> Brett Grinder's 30ft van from Online kit	p18	330/Jun 02##
Keith Collins	<b>Trackwork:</b> Building NZR slip points, part one	p19	330/Jun 02##
	<b>Plan:</b> Improved (recabbed) Dg locomotive X54254	p22	330/Jun 02##
Kevin Crosado	<b>Text and Photos:</b> Improved (recabbed) Dg locomotives	p24	330/Jun 02##
Paul Napier	<b>Prototype:</b> NZ's hi-rail vehicles part ten	p30	330/Jun 02##
Peter Smith	<b>Electrics:</b> Simple reverse loop wiring	p34	330/Jun 02##
	<b>Guild News</b>	p35	330/Jun 02##
	<b>Trade news:</b> Model Company, Bayline, Trackside, NZF, North Yard	p35	330/Jun 02##
	<b>Reviews</b>	p36	330/Jun 02##
	<b>Postbag</b>	p36	330/Jun 02##
Trevor Cheer/Reid McNaught	<b>Photo:</b> John Whyte's 1:34 Four Square store; Z1610 in Wallis's Nurseries livery	Back	330/Jun 02##

Peter Ross	<b>Photo:</b> Roger Bennetts' 1:64 DFT7295 on a short train near Weedons	Front	331/Aug 02##
Rod Murgatroyd	<b>NZ120 Layout:</b> Rolleston Junction – a portable display layout	p6	331/Aug 02##
Dave Bentley	<b>Weathering:</b> Road vehicles	p13	331/Aug 02##
Kevin Crosado	<b>Our Heritage:</b> NZR F class locos – Avonside 1087/1092, Dubs 1884, Stephenson 2085/6	p14	331/Aug 02##
	<b>Plan:</b> NZR F class locomotive	p16	331/Aug 02##
Ken Cousins	<b>Locomotivery:</b> Pioneer 1:64 NZR F kit updated	p16	331/Aug 02##
Grant Morrell	<b>Locomotivery:</b> 16 hours and where have I got? (Online F)	p18	331/Aug 02##
Colin Barry	<b>Plan, text and photos:</b> Otira Samson post	p19	331/Aug 02##
Kevin Crosado	<b>Station File:</b> Paki Paki part one (includes station plan and yard plans)	p20	331/Aug 02##
	<b>Plan:</b> Standard drawing, fourth class railway station	p22	331/Aug 02##
Peter Ross	<b>Rail history:</b> Petrol cases and other stories part one	p27	331/Aug 02##
Keith Collins	<b>Trackwork:</b> Building NZR slip points part two	p30	331/Aug 02##
Peter Ross	<b>Report:</b> Another TrainZ success	p33	331/Aug 02##
	<b>Guild News</b>	p34	331/Aug 02##
	<b>Trade news:</b> North Yard, Etch Cetera, Precision Railcrafts, Grantham House	p34	331/Aug 02##
	<b>Reviews</b>	p35	331/Aug 02##
	<b>Postbag</b>	p35	331/Aug 02##
Peter Ross	<b>Photos:</b> Two views of Roger Bennetts' Bumble Bee 1:64 DXC/DFT combination	Back	331/Aug 02##
Peter Ross	<b>Photo:</b> Barry Fitzgerald's 1:64 Ww684 emerging from the Brunner Tunnel	Front	332/Sep 02##
Graham Venning	<b>Car &amp; wagon:</b> Building the South Dock birdcage car part one	p6	332/Sep 02##
	<b>Journal Jewels:</b> Grant Morrell's 1:64 four-wheel oil tank wagon	p11	332/Sep 02##
Peter Hodge	<b>Fifties Focus:</b> Standard railcars on the Foxton Branch	p12	332/Sep 02##
Paul Berntsen	<b>Hints and tips:</b> Poms and Trevs	p14	332/Sep 02##
Peter Smith	<b>Electrics:</b> Building a working signalling system part one	p16	332/Sep 02##
	<b>Tools:</b> scaling plans	p17	332/Sep 02##
Paul Napier	<b>Plan, text and photos:</b> Wellington City Council battery-electric locomotive No.3	p18	332/Sep 02##
Karl Morris	<b>Plan, text and photos:</b> Milk tank wagons (LSM/OM combination)	p20	332/Sep 02##
Glen Robertson/Tranz Rail	<b>Plan:</b> LSM milk container on OM wagon	p22	332/Sep 02##
Kevin Crosado	<b>Station File:</b> Paki Paki part two	p24	332/Sep 02##
Peter Ross	<b>Rail history:</b> Petrol cases and other stories part two	p28	332/Sep 02##
Peter Ross	<b>Photo:</b> Crun's Garage in 1:64	p33	332/Sep 02##



Keith Collins	<b>Trackwork:</b> Building NZR slip points part three	p34	332/Sep 02##
	<b>Guild News</b>	p37	332/Sep 02##
	<b>Trade news:</b> NZ Finescale, Trackside, Railmaster Exports, Hammond's	p37	332/Sep 02##
	<b>Reviews</b>	p38	332/Sep 02##
	<b>Postbag</b>	p38	332/Sep 02##
Peter Ross	<b>Photos:</b> Two scenes on Lawrence Bouls's 1:64 Brunner layout	Back	332/Sep 02##
Grant Morrell	<b>Photo:</b> 1:64 F class on fertiliser train	Front	333/Dec 02##
David Siddens	<b>Weathering:</b> Masterpiece A601 and La wagons (includes NZR tarpaulins)	p6	333/Dec 02##
Peter Smith	<b>Electrics:</b> Building a working signalling system part two	p9	333/Dec 02##
Colin Barry	<b>Our Heritage:</b> Edgar Stanley – a crane driver's photographs, 1928 on	p10	333/Dec 02##
Robin Knight	<b>Photos, text and 1:64 models:</b> M wagons with huts	p12	333/Dec 02##
Graham Venning	<b>Car &amp; wagon:</b> Building the South Dock birdcage car part two	p14	333/Dec 02##
	<b>The Last Decade:</b> Fairlie Branch remnants in 2002	p18	333/Dec 02##
Karl Morris/Glen Robertson/Tranz Rail	<b>Plan, text and photos:</b> IC container wagons	p20	333/Dec 02##
Kevin Crosado	<b>Plan, text and photos:</b> NZRC type 16A steering bogie	p24	333/Dec 02##
Mike Hartle	<b>Locomotivery:</b> Dg760 in 7-1/4" gauge	p26	333/Dec 02##
Kevin Crosado	<b>Station File:</b> Paki Paki part three	p28	333/Dec 02##
Keith Collins	<b>Trackwork:</b> Building NZR slip points part four	p32	333/Dec 02##
	<b>Guild News</b>	p35	333/Dec 02##
	<b>Trade news:</b> North Yard, Model Company, NZF, Von Strapp, Railmaster Exports	p35	333/Dec 02##
	<b>Reviews</b>	p38	333/Dec 02##
	<b>Postbag</b>	p38	333/Dec 02##
Peter Ross/Grant Morrell	<b>Photos:</b> 1:64 passenger cars by Graham Venning; Grant Morrell's 1:64 tarpaulined La wagons	Back	333/Dec 02##
David Siddens/Grant Morrell	<b>Photo:</b> J1214 on Grant Morrell's 1:64 Hanaroa to Wicklow layout	Front	334/Feb 03##
Brett Grinder	<b>Journal Jewels:</b> Brett Grinder's 1:64 Da and Scenic Daylight on the NSMRC layout	p4	334/Feb 03##
David Siddens	<b>1:64 Layout:</b> Grant Morrell's Hanaroa to Wicklow Railway	p6	334/Feb 03##
Kevin Crosado	<b>Our Heritage:</b> Troup stations – Masterton, Temuka, Bluff	p14	334/Feb 03##
Darryl Palmer	<b>Car &amp; wagon:</b> KST curtainsiders (includes plan and prototype photos)	p16	334/Feb 03##
Les Cook/Kevin Crosado	<b>Plan, text and photos:</b> Alldays & Onions inspection car	p20	334/Feb 03##
Kevin Crosado	<b>Station File:</b> Kaiwarra (includes plan and yard plan)	p22	334/Feb 03##

Peter Smith	<b>Electrics:</b> Building a working signalling system part three	p26	334/Feb 03##
Kevin Crosado	<b>Station File:</b> Paki Paki part four (includes bridge plan and details)	p28	334/Feb 03##
Keith Collins	<b>Trackwork:</b> Building NZR curved points part one	p31	334/Feb 03##
Kevin Crosado	<b>Photo:</b> Original Kaiwarra Station	p32	334/Feb 03##
	<b>Guild News</b>	p33	334/Feb 03##
	<b>Trade news:</b> NZF, HONZ, Trackside, Bay Line	p33	334/Feb 03##
	<b>Reviews</b>	p34	334/Feb 03##
	<b>Postbag</b>	p36	334/Feb 03##
	<b>Photos:</b> Evolution of the curtainsider	p45	334/Feb 03##
	<b>Photos:</b> Station noticeboard and scale posters	Back	334/Feb 03##
Bill Cousins	<b>Photo:</b> An A class Pacific at Springside Station on Bill Cousins' 1:64-scale layout	Front	335/Apr 03##
Kevin Crosado/Raoul Quinn/John Whyte	<b>Journal Jewels:</b> 1:43 Pakarae Fire Station and WWII vintage fire trailer	p2	335/Apr 03##
Paul Berntsen	<b>Locomotivity:</b> 1:34-scale Napier Harbour Board Fowler 0-4-0T No.6	p6	335/Apr 03##
Peter Dyer	<b>Plan:</b> Napier Harbour Board Fowler 0-4-0T No.5	p8	335/Apr 03##
Bob Hepburn	<b>Fifties Focus:</b> Napier Harbour Board Fowlers	p16	335/Apr 03##
Graham Dredge	<b>Electrics:</b> How fast, how far? (speed/distance recorder wagon)	p18	335/Apr 03##
Karl Morris/ Glen Robertson/Tranz Rail	<b>Plan, text and photos:</b> S class day-cars (rebuilt BR MkIID/E cars)	p20	335/Apr 03##
Graham Selman	<b>Plans:</b> Journal plans list, part one	p24	335/Apr 03##
David Sims	<b>Our Heritage:</b> C850 Addington, Ab611 Riccarton, Ab617 Mina, A409 Waipara	p26	335/Apr 03##
Peter Smith	<b>Electrics:</b> Building a working signalling system part four	p28	335/Apr 03##
Colin Barry	<b>Plan and photos:</b> Greymouth Samson post	p30	335/Apr 03##
Keith Collins	<b>Trackwork:</b> Building NZR curved points part two	p31	335/Apr 03##
	<b>Guild News</b>	p33	335/Apr 03##
	<b>Trade news:</b> NZ Finescale, Majik, Trackside	p33	335/Apr 03##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	335/Apr 03##
	<b>Report:</b> Hamilton Model Railroaders	p34	335/Apr 03##
	<b>Reviews</b>	p35	335/Apr 03##
	<b>Obituaries:</b> Ewan Mackintosh, John Herbert	p35	335/Apr 03##
	<b>Postbag</b>	p36	335/Apr 03##
Graham Radcliffe	<b>Photos:</b> Invercargill single slip; Lyttelton interlaced turnouts	p36	335/Apr 03##
Bob Hepburn	<b>Fifties Focus:</b> Napier harbour Board Fowlers in colour	p43	335/Apr 03##

Kevin Crosado	<b>Photos:</b> 1:34-scale twinset railcar built by John Gardener	Back	335/Apr 03##
Kevin Crosado	<b>Photo:</b> 1:34 B304 on Forest Lakes bridge on the Auckland 9 Mil layout	Front	336/Jun 03##
Roger Bennetts/Peter Ross	<b>Journal Jewels:</b> Black and blue Tranz Rail diesels in 1:64 scale	p2	336/Jun 03##
Peter Ross	<b>Trackwork:</b> Weighting and waiting for quieter, more realistic track	p6	336/Jun 03##
	<b>Plan:</b> 1928 sleeper-spacing	p13	336/Jun 03##
Bob Hepburn	<b>Fifties Focus:</b> Moutohora Branch – Ab702 Te Karaka, Ja1289, Ww481, Ab826 Gisborne	p14	336/Jun 03##
Stuart Walker	<b>Perspective:</b> Getting back into modelling at 45	p16	336/Jun 03##
Ken Clough	<b>Perspective:</b> Diversions (modelling real scenes)	p18	336/Jun 03##
Karl Morris/Glen Robertson/Tranz Rail	<b>Plan, text and photos:</b> S class servery car (rebuilt BR MkIID/E cars)	p20	336/Jun 03##
Graham Selman	<b>Plans:</b> Journal plans list, part two	p24	336/Jun 03##
Amos Theobald	<b>Trees:</b> Yarrow, prince of weeds	p26	336/Jun 03##
Peter Smith	<b>Electrics:</b> Building a working signalling system part five	p27	336/Jun 03##
	<b>Photos:</b> Main line power, '60s style	p29	336/Jun 03##
Keith Collins	<b>Locomotivery:</b> The A-grade overhaul of 1:64-scale Ka945	p30	336/Jun 03##
Les Downey/John Agnew	<b>Obituary:</b> Don Allan	p32	336/Jun 03##
	<b>Guild News</b>	p33	336/Jun 03##
	<b>Trade news:</b> North Yard, NZ Finescale, City Depot	p33	336/Jun 03##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	336/Jun 03##
Dr David Black/Chris Cameron	<b>Obituary:</b> Rev Tim (RAB) Hunter	p36	336/Jun 03##
	<b>Postbag:</b> Curved points corrections	p37	336/Jun 03##
Mark Cole	<b>The Last Decade:</b> Watch the S car go – Capital Connection cars	p43	336/Jun 03##
Kevin Crosado	<b>Photos:</b> Ken Cousins' 1:64 bulk cement wagon; Trevor Cheer's 1:34 Ur with track set load	Back	336/Jun 03##
Peter Ross	<b>Photo:</b> 1:64-scale model of Wa289	Front	337/Aug 03##
Peter Ross/Terry Bradley	<b>Journal Jewels:</b> 1:64 and 1:34 wooden L wagons	p2	337/Aug 03##
Peter Ross	<b>Car &amp; wagon:</b> Now an even nicer 1:64 wooden L	p6	337/Aug 03##
Paul Berntsen	<b>Tools:</b> An X-Y rivet press table	p11	337/Aug 03##
Kevin Crosado	<b>Our Heritage:</b> Auckland stations 1920s – 1930s	p12	337/Aug 03##
Stuart Walker	<b>Bridges:</b> A steel plate-girder bridge for non-rivet counters (ex Wills kit)	p14	337/Aug 03##
Peter Smith	<b>Electrics:</b> Building a working signalling system, role for the computer	p15	337/Aug 03##
Ken Clough	<b>Electrics:</b> Plastic filament light paths (fibre optics)	p16	337/Aug 03##

Joe Bray	<b>Report:</b> Taranaki group outing to Opunake	p17	337/Aug 03##
Kevin Crosado	<b>Our Heritage:</b> K96, Paeroa, C194 Karangahake, Ohinemuri bridge, Fa Athenree	p18	337/Aug 03##
	<b>Text and Photos:</b> L class 15ft wooden highside wagon, drawing PWD 8937 of 1882	p20	337/Aug 03##
	<b>Plan:</b> NZR class L wagon, alterations to sides and ends, drawing 4881 of 1910	p22	337/Aug 03##
	<b>Plan:</b> NZR wooden highside wagon drawing, Hemans & Bruce drawing 1530 of 1872	p24	337/Aug 03##
	<b>Plan:</b> Details of wooden highside wagons, drawing 37 of 1887	p26	337/Aug 03##
	<b>Plan:</b> Wooden L wagon, steel top door and details, drawing 5086B of 1912	p27	337/Aug 03##
	<b>Plan:</b> 15ft stock, arrangement of Westinghouse brake, drawing 3465 of 1904	p28	337/Aug 03##
Keith Collins	<b>Locomotivery:</b> The A-grade overhaul of Ka945 part two	p30	337/Aug 03##
Greg Keay	<b>Report:</b> The Black Creek escapade	p32	337/Aug 03##
	<b>Guild News</b>	p33	337/Aug 03##
	<b>Trade news:</b> Online, NZF, Trackside, South Dock, Model Company, Station Road, Simply Kits	p33	337/Aug 03##
	<b>Reviews</b>	p35	337/Aug 03##
	<b>Postbag</b>	p37	337/Aug 03##
Mark Cole/Graham Selman	<b>Fifties Focus:</b> Ka945's last days	p43	337/Aug 03##
Kevin Crosado	<b>Photos:</b> Two views of Keith Collins' John Gardener-built 1:64-scale model of Ka945	Back	337/Aug 03##
Bill Cousins	<b>Photo:</b> A Kb-hauled train waits for a signal at Springside	Front	338/Oct 03##
Wayne Brindle	<b>Journal Jewels:</b> Kiwified shops – Four Square and baker from Banta Models laser-cut kits	p2	338/Oct 03##
Wayne Brindle	<b>Structures:</b> A tale of two buildings – Banta Silver Plume bakery kits	p6	338/Oct 03##
	<b>Lineside:</b> Retail therapy – 1920s and 1950s local shops	p8	338/Oct 03##
Bob Hepburn	1:64 <b>Layout:</b> Moutohora in miniature (1:64)	p10	338/Oct 03##
	<b>Our Heritage:</b> Rimutaka 125 – views from the 1920s	p12	338/Oct 03##
Bob Stott	<b>Plan, text and photos:</b> “An ill-favoured thing, sir, but mine own” (1:64 logging slab wagon)	p14	338/Oct 03##
Paul Napier	<b>Plan:</b> Ellis & Burnand bogie flat wagon	p17	338/Oct 03##
Kevin Crosado	<b>Fifties Focus:</b> Taita electrification 50 <sup>th</sup> anniversary – 1950, 1952, opening day October 1953	p18	338/Oct 03##
John Brouwer	<b>Text and Photos:</b> The U class 4-6-0 locomotive	p20	338/Oct 03##
	<b>Plan:</b> U class 4-6-0 general arrangement drawing 1690 of 1896	p22	338/Oct 03##
	<b>Plan:</b> U class 4-6-0 pipe arrangement drawing 1691A of 1896	p24	338/Oct 03##
	<b>Plan:</b> U class 4-6-0 valve gear arrangement drawing 1562 of 1893	p25	338/Oct 03##
	<b>Plan:</b> U class 4-6-0 firebox fixings drawing 1628 of 1893	p26	338/Oct 03##
Brian Cross/John Brouwer	<b>Photos:</b> 1:64-scale model U locos	p28	338/Oct 03##

Keith Collins	<b>Locomotivery:</b> Balancing steam locomotives	p29	338/Oct 03##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p30	338/Oct 03##
	<b>Guild News</b>	p31	338/Oct 03##
	<b>Trade news:</b> Von Strapp, Ace Toys, DataMasta, Trackside, Railmaster Exports	p31	338/Oct 03##
	<b>Reviews</b>	p33	338/Oct 03##
David McCallum	<b>Report:</b> News from Southland from the Southern Men	p33	338/Oct 03##
	<b>Postbag</b>	p35	338/Oct 03##
Ray Mathewson/Mark Cole	<b>Fifties Focus:</b> Heislars at the mill – Heisler 1450 Ngahere; Heisler 1082 Ongarue	p43	338/Oct 03##
Terry Bradley	<b>Photos:</b> Two views of Tr26 modelled in 1:34 scale by Terry Bradley	Back	338/Oct 03##
Peter Ross	<b>Photo:</b> Roger Bennetts' 1:64-scale Otira Tunnel portal diorama	Front	339/Dec 03##
Brett Grinder	<b>Journal Jewels:</b> Scenes on the NSMRC's 16.5mm gauge Waitemata & Chelsea Railway	p2	339/Dec 03##
Noel Cresswell	<b>NZ120 Layout:</b> Port Marlborough	p6	339/Dec 03##
Grant Morrell	<b>Photo:</b> 1:64-scale Craven crane	p8	339/Dec 03##
Glen Robertson	<b>Tools:</b> Making drawings from photographs	p9	339/Dec 03##
Glen Robertson	<b>Plan:</b> Hikurangi BNZ building	p10	339/Dec 03##
Trevor McMurdo/Neil McCallum	<b>Photo:</b> Southland beauty – Trevor McMurdo's 1:64 model of Ua177	p13	339/Dec 03##
Kevin Crosado	<b>Fifties Focus:</b> Tangiwai 50 <sup>th</sup> anniversary – temporary and replacement bridges	p14	339/Dec 03##
Grant Morrell	<b>Plan, text and photos:</b> BXA bulk stock food wagon, NZR CMEO drawing OP3070	p18	339/Dec 03##
Karl Morris/Glen Robertson/Tranz Rail	<b>Plan, text and photos:</b> HLC series 1 and 2 containers	p24	339/Dec 03##
Kevin Crosado	<b>Text and Photos:</b> NZR's first freight bogies	p27	339/Dec 03##
	<b>Plan:</b> Bogie for 30ft goods wagon, CMEO drawing 98	p28	339/Dec 03##
	<b>Plan:</b> NZR freight car bogie, NZR CMEO drawing 97B	p29	339/Dec 03##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p30	339/Dec 03##
	<b>Trade news:</b> Model Company, Von Strapp, Trackside, NZ Finescale, City Depot	p31	339/Dec 03##
	<b>Guild News</b>	p31	339/Dec 03##
	<b>Reviews</b>	p32	339/Dec 03##
Bob Stott	<b>Obituary:</b> Alan Bellamy	p33	339/Dec 03##
	<b>Obituary:</b> Brian Elliston	p33	339/Dec 03##
Kevin Crosado/Cantabrian	<b>Vehicle Views:</b> BXA wagon and HLC containers	p43	339/Dec 03##
Peter Ross	<b>Photos:</b> Two views of Roger Bennetts' Otira Tunnel end diorama	Back	339/Dec 03##

Ken Cousins	<b>Photo:</b> Online 1:64-scale Bumble Bee DFs	p4	340/Feb 04##
Vern McCracken/Neville Connew	<b>Journal Jewels:</b> Scratchbuilt 1:64 Price E on bush tram; Online 1:64-scale Ww	p4	340/Feb 04##
David Siddens/Graham Dredge	<b>1:64 Layout:</b> Noel Attwood's Windale revisited	p6	340/Feb 04##
	<b>Photos:</b> Scale model trig station; Trevor McMurdo's Ua177	p11	340/Feb 04##
Neville Connew	<b>Wagon loads:</b> Easy logs – wagon loads from MDF	p12	340/Feb 04##
Don Wills	<b>Car &amp; wagon:</b> CB wagons on the Midland line	p13	340/Feb 04##
Trevor James	<b>Trees:</b> Cabbage trees and ponga ferns	p16	340/Feb 04##
Grant Mackenzie	<b>1:64 Layout:</b> Boston Rd to Waitakere	p18	340/Feb 04##
David Bentley	<b>Locomotivity:</b> Bringing Tr31 back to life	p22	340/Feb 04##
Trevor James	<b>Perspective:</b> Diversions (modelling real scenes)	p23	340/Feb 04##
Neil Lovejoy	<b>16.5mm Layout:</b> Scale Rails	p26	340/Feb 04##
Roger Bennetts	<b>Report:</b> News from the Mainland	p29	340/Feb 04##
Warren Jones	<b>Report:</b> Invercargill's Great Little Train Show	p30	340/Feb 04##
	<b>Guild News</b>	p31	340/Feb 04##
	<b>Trade news:</b> Ace Toys, City Depot, Trackside	p31	340/Feb 04##
John Agnew	<b>Our Heritage:</b> Rimutaka 125 – Fell engines and the Wairarapa Mail	p32	340/Feb 04##
John Agnew	<b>Fifties Focus:</b> South Island stations – Winton, Hedghope, Lumsden, Invercargill	p38	340/Feb 04##
John Agnew	<b>Our Heritage:</b> Trains and wharves – Auckland, Bluff, New Plymouth	p42	340/Feb 04##
Ken Cousins	<b>Photos:</b> Railcars on bridges – Standard RM30 Waikanae; Silver Fern RM3 Hapuawhenua	p45	340/Feb 04##
Ken Cousins	<b>Photos:</b> Railcars on bridges – Twinset RM105 near Masterton; Vulcan RM50 Blind River	Back	340/Feb 04##
Kevin Crosado	<b>Photo:</b> Paul Napier's 1:43 Ellis & Burnand log tram van	Front	341/Apr 04##
John Agnew	<b>Journal Jewels:</b> Brunner Station	p2	341/Apr 04##
Gavin Sowry	<b>Structures:</b> A station shelter in G scale (includes prototype photos)	p6	341/Apr 04##
	<b>Plan:</b> Shelter shed, CEWR drawing 8848, 1900	p8	341/Apr 04##
John Agnew	<b>1:64 Layout:</b> Greymouth - Otira line moves	p10	341/Apr 04##
Graham Selman	<b>Tools:</b> Drill press upgrade	p12	341/Apr 04##
Russell Smith	<b>Photos and text:</b> Models from the fifties	p15	341/Apr 04##
Paul Napier	<b>Self-propelled:</b> Once upon a bogie (1:43 Ellis & Burnand log tram vehicles)	p16	341/Apr 04##
Paul Napier	<b>Plan:</b> Ellis & Burnand passenger car	p19	341/Apr 04##
Karl Morris	<b>Plan, text and photos:</b> DXR8007 locomotive	p20	341/Apr 04##
Glen Robertson/Tranz Rail	<b>Plan:</b> DXR locomotive	p22	341/Apr 04##

Kevin Crosado	<b>Fifties Focus:</b> Royal tourists in Taranaki – Stratford, Hawera, New Plymouth	p26	341/Apr 04##
Gerald Petrie	<b>Station File:</b> Kaituna quarry (includes track and station plans)	p28	341/Apr 04##
John Dudson/Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	341/Apr 04##
	<b>Guild News</b>	p33	341/Apr 04##
	<b>Trade news:</b> Glenorchy, Trackside, Railmaster Exports, NZF, Ace Toys, Model Company	p33	341/Apr 04##
	<b>Reviews</b>	p36	341/Apr 04##
	<b>Postbag</b>	p36	341/Apr 04##
Glen Anthony/Mark Cole	<b>The Last Decade:</b> Grunt machine – DXR8007 Middleton, Te Horo	p43	341/Apr 04##
Lester Hopkins	<b>Photos:</b> 1:32 Dunedin tram scenes	Back	341/Apr 04##
Lawrence Boul	<b>Photo:</b> 1:34 McKenzie & Holland bracket signal	Front	342/Jun 04##
Peter Ross	<b>Journal Jewels:</b> Bob Allen's 1:34 S214	p2	342/Jun 04##
Ken Clough/Neville Connew	<b>Perspective:</b> One thing or another (modelling real scenes)	p6	342/Jun 04##
Arthur and Kerrie Hayes	<b>Perspective:</b> Queensland and Tauranga conventions compared	p10	342/Jun 04##
Bill Pierson	<b>Report:</b> Tauranga Convention 2004	p13	342/Jun 04##
Greg Keay	<b>Report:</b> Tauranga convention – all aboard to Winstonville	p15	342/Jun 04##
Neville Connew/Ian Galbraith/Ian Tonks	<b>Photos:</b> Tauranga competition winners	p17	342/Jun 04##
Peter Ross	<b>Plan, text and photos:</b> Ewing Phosphate Co	p21	342/Jun 04##
David McCallum	<b>Photo:</b> Arauatu stock truck	p26	342/Jun 04##
	NZAMRC model competition results	p27	342/Jun 04##
Kevin Crosado	<b>Our Heritage:</b> Tauranga and The Mount – 1913, 1924, 1930s	p28	342/Jun 04##
Glen Robertson/Karl Morris	<b>Plan and photos:</b> TRA container	p30	342/Jun 04##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p31	342/Jun 04##
	<b>Guild News</b>	p32	342/Jun 04##
	<b>Trade news:</b> Online, North Yard, Trackside, Christchurch Model Supplies, NZ Finescale	p32	342/Jun 04##
	<b>Reviews</b>	p33	342/Jun 04##
	<b>Postbag</b>	p33	342/Jun 04##
Kevin Crosado	<b>Obituary:</b> Brian Errol Cross	p35	342/Jun 04##
Ken Cousins	<b>Fifties Focus:</b> Abnormal Abs – Ab727 Alexandra; Ab777 Kurow	p43	342/Jun 04##
Peter Ross	<b>Photo:</b> Bob Allen's 1:34 model of s214 negotiates a rocky cutting	Back	342/Jun 04##
Kevin Crosado	<b>Photo:</b> A scene on the G-scale (1:24) Pine Hill Railway	Front	343/Aug 04##

Peter Ross	<b>Journal Jewels:</b> Several of Roger Bennetts' 1:64-scale modern image models	p2	343/Aug 04##
Ben Calcott	<b>1:24 Layout:</b> The Pine Hill Estate Railway	p6	343/Aug 04##
Graham Venning	<b>Hints and tips:</b> A simple device for operating turnouts	p10	343/Aug 04##
Kevin Crosado	<b>Our Heritage:</b> Opua Bay of Islands	p12	343/Aug 04##
Paul Berntsen	<b>Locomotivity:</b> F277 in 1:34 scale (Hungerford F, includes plan and prototype photos)	p14	343/Aug 04##
	<b>Plan:</b> NZR drawing 782A, standard cast iron funnels, 1905	p18	343/Aug 04##
Darryl Palmer	<b>Car &amp; wagon:</b> E5219 ex W840	p19	343/Aug 04##
Karl Morris	<b>Plan, text and photos:</b> CB-3 coal wagons	p21	343/Aug 04##
Doric Mabon/Trev Terry	<b>Station File:</b> Mamaku part one	p27	343/Aug 04##
Stann Dingby	<b>Layout Ideas:</b> Mini-layout design competition	p29	343/Aug 04##
Ray Mathewson	<b>Fifties Focus:</b> Opua 1952 – Station, engine shed, J1208 on turntable	p30	343/Aug 04##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	343/Aug 04##
	<b>Guild News</b>	p33	343/Aug 04##
	<b>Trade news:</b> North Yard, Online, Trackside, Precision railcrafts, NZF, ChCh Model Supplies	p33	343/Aug 04##
	<b>Report:</b> News from the Wairarapa	p34	343/Aug 04##
Ian Galbraith	<b>Tribute:</b> Maurie Duston's 80 <sup>th</sup> birthday	p35	343/Aug 04##
	<b>Obituary:</b> Jim Smith	p36	343/Aug 04##
	<b>Reviews</b>	p36	343/Aug 04##
DLA Turner	<b>Fifties Focus:</b> Traditional coal transport – We375 Rapahoe, Riverside wharf	p43	343/Aug 04##
Neville Connew	<b>Photos:</b> 1:64-scale stations – Rimu (NSMRC); Waipunga (Vern McCracken)	Back	343/Aug 04##
Neville Connew	<b>Photo:</b> A 1:34-scale Trevor Cheer passenger trains sweeps past a colour light signal	p2	344/Oct 04##
Grant Morrell	<b>Journal Jewels:</b> Scratchbuilt Craven 40 ton breakdown crane	p2	344/Oct 04##
Ken Devlin	<b>1:64 Layout:</b> Leith Valley Branch 24 years on	p6	344/Oct 04##
Wayne Brindle	<b>Tools:</b> Quartering jig	p8	344/Oct 04##
Robin Knight/David Parsons	<b>Fifties Focus:</b> Lake Grassmere salt works	p10	344/Oct 04##
Stuart Walker	<b>Techniques:</b> Bringing corporate sponsorship to your models (decals)	p12	344/Oct 04##
Greg Keay	<b>Layout Ideas:</b> Mini-layout design competition	p13	344/Oct 04##
Bryan Lawrence	<b>Rail history:</b> Bryan's locomotives	p14	344/Oct 04##
Keith Collins	<b>Trackwork:</b> A 55ft turntable in 1:34 scale	p16	344/Oct 04##
Kevin Crosado	<b>Text and Photos:</b> 1880s sheep wagons	p20	344/Oct 04##
	<b>Plan:</b> NZR drawing 120: sheep wagon	p22	344/Oct 04##



	<b>Plan:</b> PWD drawing 9816: sheep wagon	p23	344/Oct 04##
	<b>Plan:</b> NZR drawing 120A: sheep wagon	p24	344/Oct 04##
	<b>Plan:</b> NZR drawing 4027: alterations to sheep trucks	p25	344/Oct 04##
Norm Gaby	<b>Plan, text and photos:</b> The Pokaka store	p27	344/Oct 04##
Peter Ross	<b>Perspective:</b> Journal thoughts	p31	344/Oct 04##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	344/Oct 04##
	<b>Guild News</b>	p33	344/Oct 04##
	<b>Trade news:</b> Trackside, Model Company, Bay Line	p33	344/Oct 04##
Ian Galbraith	<b>Report:</b> NZAMRC Wairarapa area meeting	p34	344/Oct 04##
	<b>Reviews</b>	p34	344/Oct 04##
	<b>Postbag</b> (includes photos of Mamaku bush jiggers)	p35	344/Oct 04##
Joe Bray	<b>Report:</b> News from Taranaki	p35	344/Oct 04##
Ken Cousins	<b>Fifties Focus:</b> More abnormal Abs – Ab693 Hindon, Ab704 Reefton	p43	344/Oct 04##
Neville Connew	<b>Photos:</b> Two views on Ken Cousins' 1:64 layout	Back	344/Oct 04##
Peter Ross	<b>Photo:</b> Bob Allen's 1:34 S214 crossing the Poolburn Viaduct	Front	345/Dec 04##
Peter Ross	<b>Journal Jewels:</b> Two more views of Bob Allen's scratchbuilt S214 Fairlie	p2	345/Dec 04##
Bob Allen/Peter Ross	<b>Locomotivery:</b> S214, deserving convention winner	p6	345/Dec 04##
	<b>Plan:</b> S class 0-6-2T weight diagram	p8	345/Dec 04##
Paul Andersen-Gardiner	<b>1:76 Layout:</b> Dannevirke's Fantasy Cave	p11	345/Dec 04##
Bovis, Cousins, Crosado, Parsons	<b>Eye on the Eighties:</b> Northerner – Taupiri, Orakei, Intercity blue 1989, Southern Blue 2002	p14	345/Dec 04##
Colin McHarg	<b>Car &amp; wagon:</b> Converting H-10 and H-12 cattle wagons from South Dock Hc kitsets	p16	345/Dec 04##
Dave Siddens/Alec Fenton	<b>Plan, text and photos:</b> Surveyor's trig station in 1:64 scale	p19	345/Dec 04##
Kevin Crosado	<b>Plan, text and photos:</b> Steel-framed class H cattle wagons, NZR drawing X26985 of 1943	p22	345/Dec 04##
Kevin Crosado	<b>Prototype:</b> H wagon numbers	p28	345/Dec 04##
Greg Keay	<b>Layout Ideas:</b> Mini-layout design competition	p29	345/Dec 04##
	<b>Plan:</b> NZR SKF bogie drawing of 1931	p30	345/Dec 04##
Kevin Crosado	<b>Plan, text and photos:</b> SKF bogie, X25140	p31	345/Dec 04##
	<b>Plan:</b> Revised SKF bogie side elevation diagram	p31	345/Dec 04##
Peter Ross/John Dudson	<b>Report:</b> Christchurch NZR Modellers	p33	345/Dec 04##
	<b>Guild News</b>	p34	345/Dec 04##
	<b>Trade news:</b> South Dock, Trackside	p34	345/Dec 04##

	<b>Postbag</b>	p35	345/Dec 04##
Ian Galbraith	<b>Report:</b> Wairarapa words	p35	345/Dec 04##
Ian Galbraith	<b>Report:</b> Pokaka 2004	p36	345/Dec 04##
John Bovis and Mark Cole	<b>Eye on the Eighties:</b> Northerner – Yellow, Otaki 1979; Southern Blue, Paremata 2004	p43	345/Dec 04##
Graham Dredge	<b>Photos:</b> Joe Boardman's 1:64 Northerner models	Back	345/Dec 04##
Peter Ross	<b>Photo:</b> Roger Bennetts' 1:64 Toll Rail Dx5379 (Don Weston decals)	Front	346/Feb 05##
John Prior	<b>Journal Jewels:</b> Kopikopiko by Ian Hammond and Mike Boutle; WAGR G65 by Andy May	p2	346/Feb 05##
Spencer Lawry	<b>Car &amp; wagon:</b> A Ud and an NCK sure make a handsome couple in 1:64	p6	346/Feb 05##
Stuart Walker	<b>Bridges:</b> 1:64 double track 45ft steel through-plate-girder span ex Wills kit	p11	346/Feb 05##
Bob Hepburn	<b>Fifties Focus:</b> Gisborne – Station with twinset, Ab and J; loco depot with J/Ja/Ab/Aa/X	p14	346/Feb 05##
John Agnew	<b>1:64 Layout:</b> Greymouth-Otira line progress	p16	346/Feb 05##
Les Downey	<b>1:64 Layout:</b> The old and the new	p18	346/Feb 05##
Karl Morris/Glen Robertson	<b>Plans, text and photos:</b> HWT-1 and HWT-2 containers	p20	346/Feb 05##
Doric Mabon/Trev Terry	<b>Station File:</b> Mamaku Station part 2	p26	346/Feb 05##
Maurice Duston	<b>Obituary:</b> Ken Cassells	p29	346/Feb 05##
Russell Smith/Paul Berntsen	<b>Obituary:</b> John Dunne	p30	346/Feb 05##
Greg Keay	<b>Layout Ideas:</b> Mini-layout design competition	p30	346/Feb 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p31	346/Feb 05##
	<b>Guild News</b>	p32	346/Feb 05##
	<b>Trade news:</b> Kevin Leigh, Trackside, Online, Littlewood, AKF, Model Company, Glenorchy	p32	346/Feb 05##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p33	346/Feb 05##
David McCallum	<b>Report:</b> Southern sortie	p34	346/Feb 05##
	<b>Postbag</b>	p34	346/Feb 05##
Kevin Crosado	<b>Lineside:</b> The colour of old Auckland sheds – Outward Goods, No.2 yard paint shop	p43	346/Feb 05##
Peter Ross	<b>Photos:</b> Two views of Roger Bennetts' Toll Rail DX5379	Back	346/Feb 05##
Trevor James	<b>Photo:</b> Jb1213 crossing Bridge 2 on Neil Ward's 1:64 Paeroa – Waihi layout	Front	347/Apr 05##
Grant Fletcher	<b>Journal Jewels:</b> Electric Locoland	p2	347/Apr 05##
Paul Andersen-Gardiner	<b>1:64 Layout:</b> Neil Ward's Paeroa to Waihi line	p6	347/Apr 05##
Dave Bentley	<b>Self-propelled:</b> Rm104 on line again	p10	347/Apr 05##
Kevin Crosado	<b>Fifties Focus:</b> Twinset pearls – New, Heathcote, Manakau 1955, Nukaka 1957, Clarence 1956	p14	347/Apr 05##

Grant Fletcher	<b>Locomotivery:</b> Ed106 in 1:64 scale	p16	347/Apr 05##
Karl Morris/Glen Robertson	<b>Plans, text and photos:</b> JP and JPS-1 concertina wagons	p22	347/Apr 05##
Doric Mabon/Trev Terry	<b>Station File:</b> Mamaku Station part 3 (includes yard plans)	p28	347/Apr 05##
Judith A Campbell	<b>Perspective:</b> No it is not a train set	p31	347/Apr 05##
Peter Ross	<b>Obituary:</b> John Hefford	p32	347/Apr 05##
Greg Keay	<b>Layout Ideas:</b> Mini-layout design competition	p33	347/Apr 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	347/Apr 05##
	<b>Guild News</b>	p35	347/Apr 05##
	<b>Trade news:</b> North Yard, Von Strapp, Model Company, Trackside, Online,	p35	347/Apr 05##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p36	347/Apr 05##
	<b>Postbag</b>	p37	347/Apr 05##
Mark Cole/John Bovis	<b>Fifties Focus:</b> Early electrics – Ed108/Ed110 Pukerua Bay; Ed103 1974	p43	347/Apr 05##
Graham Dredge	<b>Photos:</b> 1:64 tank wagons by Wayne Brindle, Plume Uc822, Uc415 bitumen	Back	347/Apr 05##
Peter Ross	<b>Photo:</b> Barry Fitzgerald's 1:64 Ww684 on Lawrence Boul's Brunner layout	Front	348/Jun 05##
Lester Hopkins	<b>Journal Jewels:</b> Southern trams – 1:32 Birney No.14; the fleet outside the shed	p2	348/Jun 05##
Les Coleman	<b>Locomotivery:</b> A 1:24-scale Elephant	p6	348/Jun 05##
Greg Keay	<b>Layout Ideas:</b> Mini-layout design competition	p9	348/Jun 05##
Peter Ross	<b>Structures:</b> Pegg's cottage (Southland, includes cabbage tree making)	p10	348/Jun 05##
Les Downey	<b>Techniques:</b> Glazing the North Yard 20-inch Pyle headlight	p13	348/Jun 05##
Kevin Crosado	<b>Fifties Focus:</b> EDs in action – Ngauranga, Porirua, Plimmerton	p14	348/Jun 05##
Darryl Palmer	<b>Car &amp; wagon:</b> KSX10 box wagon	p16	348/Jun 05##
Grant Morrell	<b>1:64 Layout:</b> My railway from the ground up	p18	348/Jun 05##
Kevin Crosado	<b>Station File:</b> Mamaku Station part four – tablet exchanger photos and plan	p20	348/Jun 05##
	<b>Plan:</b> Signals Branch drawing S19826 - Modifications to tablet exchanger, 1962	p21	348/Jun 05##
Glen Robertson/Karl Morris	<b>Plans, text and photos:</b> RoadRailers	p22	348/Jun 05##
Peter Ross	<b>Bits &amp; bytes:</b> Experiences of a DCC newbie	p29	348/Jun 05##
Kevin Crosado	<b>Photos:</b> H wagons – H1326, H1365 Marton 1976	p34	348/Jun 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	348/Jun 05##
	<b>Guild News</b>	p35	348/Jun 05##
	<b>Trade news:</b> AKF, Railmaster Exports, Trackside	p35	348/Jun 05##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p36	348/Jun 05##

	<b>Reviews</b>	p36	348/Jun 05##
	<b>Postbag</b>	p37	348/Jun 05##
Paul Napier	<b>The Last Decade:</b> Elephant stamping ground – Barry Brickell’s Driving Creek Railway	p43	348/Jun 05##
Neil McCallum	<b>Photos:</b> 1:64 Ua and U65 and period passenger train; Ryall Bush truck passing Pegg’s cottage.	p43	348/Jun 05##
Neville Connew	<b>Photo:</b> Alec Fenton’s 1:64 DH locomotive	Cover	349/Aug 05##
Neville Connew	<b>Journal Jewels:</b> Alec Fenton’s 1:64 DH locomotive scratchbuilt from brass	p2	349/Aug 05##
Alec Fenton	<b>Locomotivory:</b> Building 1:64-scale DH locomotive	p6	349/Aug 05##
Alec Fenton	<b>Plan:</b> DH locomotive	p8	349/Aug 05##
Cuneen/Crosado/Keay	<b>Lineside:</b> Hikurangi Post Office 1915 - 2004	p12	349/Aug 05##
Phil Rzoska	<b>Car &amp; wagon:</b> Better running wagons – the 9-Mil experience (ball races and springs)	p14	349/Aug 05##
John Agnew	<b>Electrics:</b> Installing ESU Loksound decoders in Sn3-1/2 locomotives	p17	349/Aug 05##
Kevin Crosado	<b>Plans, text and photos:</b> 40ft x 30ft goods shed (PWD drawing 27213)	p20	349/Aug 05##
Doric Mabon	<b>Station File:</b> Mamaku part five	p28	349/Aug 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	349/Aug 05##
	<b>Guild News</b>	p33	349/Aug 05##
	<b>Trade news:</b> North Yard, Trackside, Model Company, Nine Mill, Precision Railcrafts	p33	349/Aug 05##
	<b>Reviews</b>	p35	349/Aug 05##
	<b>Postbag</b>	p35	349/Aug 05##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p36	349/Aug 05##
Trevor Cheer	<b>The Last Decade:</b> DH class shunting locomotive – Blue DH2845, Bumble Bee DH2822	p43	349/Aug 05##
Kevin Crosado	<b>Photos:</b> Phil Ditmer’s 1:64 Zp wagon, Ken Cousins’ 1:64 twinset railcar	Back	349/Aug 05##
Neville Connew	<b>Photo:</b> Paul Napier’s 1:35 scale quad fire appliance	Cover	350/Oct 05##
Grant Morrell	<b>Journal Jewels:</b> Grant Morrell’s 1:64 weed spray train	p2	350/Oct 05##
Les Downey	<b>Perspective:</b> How does a Kiwi modeller fit in Oz?	p6	350/Oct 05##
Mike Boutle	<b>Structures:</b> Adapting a 1:76 Ratio gantry crane to 1:64	p8	350/Oct 05##
	<b>Lineside:</b> Gantry cranes	p10	350/Oct 05##
Paul Napier	<b>Self-propelled:</b> A piece of red kiwiana in 1:35 (quad fire appliance)	p12	350/Oct 05##
Paul Napier	<b>Plan:</b> NZ State Forest quad fire appliance	p14	350/Oct 05##
Paul Napier	<b>Plan:</b> NZ State Forest quad tanker	p16	350/Oct 05##
Eliza Hepa	<b>Self-propelled:</b> 1:64 1972 western regional manager’s rail vehicle	p18	350/Oct 05##

Paul Andersen-Gardiner	<b>Perspective:</b> Where are the NZR layouts?	p19	350/Oct 05##
Bob Hepburn	<b>Fifties Focus:</b> South of Gisborne – Matawhero, Muriwai, Maraetaha, Beach Loop	p20	350/Oct 05##
Glen Robertson	<b>Plan, text and photos:</b> CW coal wagon	p22	350/Oct 05##
Doric Mabon	<b>Station File:</b> Mamaku part six	p24	350/Oct 05##
Don Clements/Bob Stott	<b>Obituary:</b> Graeme Butler	p32	350/Oct 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	350/Oct 05##
	<b>Guild News</b>	p34	350/Oct 05##
	<b>Trade news:</b> Online, Simply Kits, Model Company, Glenorchy, Kevin Leigh	p34	350/Oct 05##
	<b>Reviews</b>	p36	350/Oct 05##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p37	350/Oct 05##
Peter Ross	<b>Photo:</b> 1929 – 1956 Stop sign	p39	350/Oct 05##
Ray Mathewson	<b>Sights of the Seventies:</b> The Mamaku tram – Ollie Smith’s 12-wheel tractor	p43	350/Oct 05##
Ken Clough	<b>Photos:</b> 1:64 DXH5520 modelled by Michelle Andrews	Back	350/Oct 05##
Trevor James	<b>Photo:</b> Neil Ward’s 1:64 Df1501	Cover	351/Dec 05##
Peter Ross	<b>Journal Jewels:</b> One Track Minds 1:64 modules – Wa217 on Red Swamp; House Corner	p2	351/Dec 05##
Spencer Lawry	<b>Layout Ideas:</b> Glenorchy Models layout winning entry (2ft gauge)	p6	351/Dec 05##
Kevin Crosado	<b>Our Heritage:</b> Railways Advertising Branch	p10	351/Dec 05##
Dean Farrow	<b>Self-propelled:</b> 1:24 Railmotor No.4 (RM4 Model T railcar)	p12	351/Dec 05##
Darryl Palmer	<b>Locomotivity:</b> Drewry DSB1221 in 1:64	p14	351/Dec 05##
Colin Barry/John Dudson/Peter Ross	<b>Structures:</b> The house that John built (for Colin) (1:64 Rewanui house)	p18	351/Dec 05##
Karl Morris/Glen Robertson	<b>Plan, text and photos:</b> USQ flat deck/container wagon drawing	p22	351/Dec 05##
Terry Bradley	<b>Report:</b> Pokaka 21 and a half	p27	351/Dec 05##
	<b>Plan:</b> WMR freight truck general arrangement Drg R20	p28	351/Dec 05##
Kevin Crosado	<b>Text and Photos:</b> WMR freight bogies	p29	351/Dec 05##
	<b>Plan:</b> WMR freight car truck details Drg R26	p30	351/Dec 05##
Peter Ross	<b>Perspective:</b> Special guest Barry Norman	p32	351/Dec 05##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	351/Dec 05##
	<b>Guild News</b>	p34	351/Dec 05##
	<b>Trade news:</b> Trackside, Station Rd, Model Company, Railmaster Exp, ChCh Model Supplies	p34	351/Dec 05##
Graham Dredge	<b>Report:</b> Westies – news from Auckland’s western suburbs	p35	351/Dec 05##
Terry Bradley	<b>Obituary:</b> Warren Bennellick	p35	351/Dec 05##

Ian Galbraith	<b>Postbag</b>	p36	351/Dec 05##
	<b>Report:</b> Wairarapa Words	p37	351/Dec 05##
	<b>The Last Decade:</b> Billboards – two modern examples	p43	351/Dec 05##
	Assorted NZR billboard reproductions	Back	351/Dec 05##
Peter Ross	<b>Photo:</b> Graham Venning's etched Q hopper in 1:64 scale	Cover	352/Jun 06##
Neil Andrews	<b>Journal Jewels:</b> Neil Andrews' 1:34 Edison battery railcar	p2	352/Jun 06##
Neil Andrews	<b>Self-propelled:</b> The Edison battery electric railcar in 1:34 scale	p6	352/Jun 06##
Kevin Crosado	<b>Text and Photos:</b> Edison battery railcar part one	p9	352/Jun 06##
	<b>Plan:</b> Edison battery car, proposed, drg Y7955	p12	352/Jun 06##
	<b>Plan:</b> Edison car, body clearances drg Y7954	p13	352/Jun 06##
Graham Dredge	<b>Bits &amp; bytes:</b> DCC sound – adding another dimension to our world	p14	352/Jun 06##
Ken Cousins	<b>Bits and Bytes:</b> Loksound – a Westie update (includes function button conventions)	p15	352/Jun 06##
Scott Shadbolt	<b>Perspective:</b> A few thoughts (includes photos of 1:64 models)	p16	352/Jun 06##
Graham Venning	<b>Car &amp; wagon:</b> NZ Finescale Q wagon (1:64 scale)	p17	352/Jun 06##
	<b>Plan:</b> 8 ton coal hopper, drg 1974	p22	352/Jun 06##
	<b>Plan:</b> Conversion of old box hopper underframe, drg 2251	p23	352/Jun 06##
Kevin Crosado	<b>Text and Photos:</b> The "first" Q wagons part one	p24	352/Jun 06##
Galbraith/ Berntsen/ Crosado	<b>Obituary:</b> Maurice Charles Duston	p28	352/Jun 06##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p30	352/Jun 06##
	<b>Guild News</b>	p31	352/Jun 06##
	<b>Trade news:</b> Trackside. Model Company, Online, AKF, Glenorchy	p31	352/Jun 06##
	<b>Postbag</b>	p33	352/Jun 06##
Paul Berntsen, Colin Zeff, Darryl Smith	<b>Obituary:</b> (John W (Jack) Boyes	p34	352/Jun 06##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p36	352/Jun 06##
David McCallum	<b>Report:</b> Southern sortie	p36	352/Jun 06##
Kevin Crosado	<b>Vehicle Views:</b> Q hoppers – Q791 formerly 56; Q2252 formerly 184	p43	352/Jun 06##
Peter Ross	<b>Photos:</b> Graham Venning's 1:64 NZ Finescale Q wagon	Back	352/Jun 06##
Russell Postlewaight	<b>Photos:</b> Brian Eastergaard's 1:48-scale Climax	Cover	353/Aug 06##
Max Maginness	<b>Journal Jewels:</b> 1:64 Puponga coalmine	p2	353/Aug 06##
Grant Morrell	<b>1:64 Layout:</b> My railway from the ground up part two	p6	353/Aug 06##

Greg Keay	<b>Report:</b> Feilding or bust – 2006 convention report	p11	353/Aug 06##
	NZAMRC Feilding 2006 convention competition results	p13	353/Aug 06##
	<b>Photos:</b> Competition prize winners	p14	353/Aug 06##
Kevin Crosado	<b>Text and Photos:</b> The Edison battery railcar part two	p18	353/Aug 06##
Courtesy of Neil Andrews	<b>Plan:</b> Edison battery railcar diagram	p20	353/Aug 06##
	<b>Plan:</b> Drawing 2263, Q coal hopper brake gear	p22	353/Aug 06##
	<b>Plan:</b> Drawing 2264, Q coal hopper brake details	p22	353/Aug 06##
	<b>Plan:</b> Drawing 2253, Q coal hopper shoe	p23	353/Aug 06##
	<b>Plan:</b> Drawing 3299, Q coal hopper altered door details	p23	353/Aug 06##
Kevin Crosado	<b>Text and Photos:</b> The 'first' Q wagons part two (includes wagon numbers)	p24	353/Aug 06##
Glen Anthony	<b>Self-propelled:</b> A fleet of 1:24 jiggers	p30	353/Aug 06##
Keith Collins	<b>Trackwork:</b> Ready-made 1:64-scale NZR flexible track (almost)	p33	353/Aug 06##
Don Weston	<b>Obituary:</b> Jack Hamilton Watson	p34	353/Aug 06##
John Dudson/Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p35	353/Aug 06##
	<b>Guild News</b>	p36	353/Aug 06##
	<b>Trade news:</b> AKF, Von Strapp, Online, Majik, Precision Railcrafts, Trackside	p36	353/Aug 06##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p38	353/Aug 06##
	<b>Reviews:</b> Prodigy Advance DCC	p39	353/Aug 06##
	<b>Postbag</b>	p39	353/Aug 06##
Jack Creber	<b>Fifties Focus:</b> West Coast steam – B303 Blackball 1962; Ww679 Dunollie 1969	p43	353/Aug 06##
John Agnew	<b>Photos:</b> Two Greymouth scenes on John Agnew's 1:64 layout	Back	353/Aug 06##
Peter Ross	<b>Photo:</b> Trevor Corrin's 1:64 Wa217 on the OTM layout	Cover	354/Oct 06##
Chris Bradley	<b>Journal Jewels:</b> The 1:43 Tutaenui Tram's Coal Creek bins	p2	354/Oct 06##
John Dudson	<b>1:64 Layout:</b> One Track Minds – a modular odyssey	p6	354/Oct 06##
Chris Bradley	<b>Tools:</b> Enhancing digital photographs (increasing depth of field)	p14	354/Oct 06##
Keith Collins	<b>Trackwork:</b> Split points (Y turnout)	p16	354/Oct 06##
Lawrence Boul	<b>Car &amp; wagon:</b> An attractive couple (magnetic brake hose couplers)	p20	354/Oct 06##
OnTrack/Toll NZ	<b>Plan, text and photos:</b> YJ ballast hopper wagon	p22	354/Oct 06##
Kevin Crosado	<b>Station File:</b> The stores branch Mamaku trams (photos)	p28	354/Oct 06##
Richard Meetz/Rich Weyand	<b>Perspective:</b> Eyesight, aging and the modeller	p30	354/Oct 06##
Greg Keay	<b>Report:</b> TrainZ weekend 2006	p32	354/Oct 06##

Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	354/Oct 06##
	<b>Trade news:</b> Model Company, Railmaster, Humbrol	p35	354/Oct 06##
	<b>Reviews</b>	p36	354/Oct 06##
	<b>Postbag</b>	p37	354/Oct 06##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p38	354/Oct 06##
OnTrack	<b>The Last Decade:</b> New age ballast hopper	p43	354/Oct 06##
Peter Ross	<b>Photos:</b> 1:64 OTM scenes – Wa217 on Flax Creek bridge; John Dudson's grandparents' house	Back	354/Oct 06##
Lawrence Boul	<b>Photo:</b> 1:64 DFT7077 in front of the dairy factory on Kopikopiko	Cover	355/Dec 06##
Wayne Brindle	<b>Journal Jewels:</b> Scratchbuilt 1:64 A class 0-4-0	p2	355/Dec 06##
Mike Boutle	<b>1:64 Layout:</b> Kopikopiko – a little bit of NZ in East Anglia	p6	355/Dec 06##
Reid McNaught	<b>Lineside:</b> The Machine Creek water vats (Otago Central Branch)	p12	355/Dec 06##
Wayne Brindle	<b>Locomotivery:</b> A Dubs A in 1:64 scale	p14	355/Dec 06##
Stuart Mackay	<b>Rail history:</b> The XB coal hopper wagons of the WAGR/NZ	p16	355/Dec 06##
Les Downey	<b>Tools:</b> An effective and inexpensive spray booth	p17	355/Dec 06##
Stuart Walker	<b>Structures:</b> A prototypical Canterbury flour mill (using DPM parts)	p18	355/Dec 06##
Paul Napier	<b>Plan, text and Photo:</b> Ellis & Burnand Ongarue van	p20	355/Dec 06##
Robin Knight	<b>Self-propelled:</b> McEwan, Pratt railcar	p21	355/Dec 06##
	<b>Plan:</b> McEwan, Pratt railcar, body drawing 5329	p22	355/Dec 06##
	<b>Plan:</b> McEwan, Pratt railcar, details drawing 5330	p24	355/Dec 06##
Kevin Crosado	<b>Plan, text and Photo:</b> NZR's first railcar (McEwan, Pratt)	p25	355/Dec 06##
	<b>Plan, text and photos:</b> Heavy duty freight bogie, drawing X26446	p30	355/Dec 06##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	355/Dec 06##
	<b>Trade news:</b> Online, Von Strapp, Model Company, Railmaster Exports,	p33	355/Dec 06##
	<b>Reviews</b>	p35	355/Dec 06##
	<b>Postbag</b>	p36	355/Dec 06##
Ian Galbraith	<b>Report:</b> Wairarapa words	p37	355/Dec 06##
DLA Turner	<b>Fifties Focus:</b> Ongarue bridges	p43	355/Dec 06##
Lawrence Boul	<b>Photos:</b> Station Hotel and Kopikopiko yard	Back	355/Dec 06##
Peter Ross	<b>Photo:</b> Roger Bennetts' 1:64 model of W192	Cover	356/Feb 07##
Peter Ross	<b>Techniques:</b> Styrene kitset makes any size window (includes window plans)	p6	356/Feb 07##



Brian Eastergaard	<b>Structures:</b> Hindon station building in 1:34 scale	p10	356/Feb 07##
Russell Smith	<b>Locomotivity:</b> The Brooks Ub in 1:64 scale (includes plan and prototype photos)	p13	356/Feb 07##
Keith Collins	<b>Trackwork:</b> Scissors crossing in 1:64	p17	356/Feb 07##
Les Downey	<b>Electrics:</b> If getting under a baseboard is not your thing any more	p21	356/Feb 07##
Glen Robertson/Kevin Crosado	<b>Plan, text and photos:</b> Tranz Rail's DQ locomotives	p22	356/Feb 07##
Kevin Crosado	<b>Plan, text and photos:</b> Waitawheta log bogies	p28	356/Feb 07##
John Agnew, Paul Berntsen, Terry Bradley	<b>Obituary:</b> Jeffery Bruce Thompson	p31	356/Feb 07##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	356/Feb 07##
	<b>Trade news:</b> City Depot, North Yard, Trackside, Railmaster	p33	356/Feb 07##
	<b>Reviews</b>	p34	356/Feb 07##
	<b>Postbag</b>	p36	356/Feb 07##
Ian Galbraith	<b>Report:</b> Wairarapa words	p37	356/Feb 07##
Peter Ross	<b>Photos:</b> Two views of Roger Bennetts' 1:64 model of W192	Back	356/Feb 07##
Kevin Crosado	<b>Photo:</b> Paul Berntsen's 1:34-scale 19 <sup>th</sup> century NZR accident crane	Cover	357/Apr 07##
Paul Berntsen	<b>Car &amp; wagon:</b> 1:34-scale accident crane	p6	357/Apr 07##
Glen Anthony	<b>Modelling History:</b> Wairapata Viaduct 75-years on (ex RSR viaduct put to new use)	p10	357/Apr 07##
Bob Stott	<b>Structures:</b> A new 1:64 engine shed for Port Craig	p13	357/Apr 07##
Bob Hepburn	<b>Fifties Focus:</b> South of Gisborne – Paritu, Kopuawhara, Waikokopu, Nuhaka	p16	357/Apr 07##
Peter Ross	<b>Bits &amp; bytes:</b> You'll be chuffed – Wa DCC sound install	p18	357/Apr 07##
Scott Shadbolt	<b>Car &amp; wagon:</b> A temporary solution (glazing for Tranz Scenic cars)	p20	357/Apr 07##
	<b>Plan, text and photos:</b> One-stall engine shed BP27231	p22	357/Apr 07##
Jack Creber	<b>Fifties Focus:</b> Reefton loco depot	p31	357/Apr 07##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p32	357/Apr 07##
	<b>Trade news:</b> Trackside, Online, Model Company	p33	357/Apr 07##
	<b>Reviews</b>	p33	357/Apr 07##
	<b>Postbag:</b> Wheel standards	p35	357/Apr 07##
Joe Bray	<b>Report:</b> From the 'Naki	p36	357/Apr 07##
David McCallum	<b>Report:</b> Southern sortie	p36	357/Apr 07##
Ian Galbraith	<b>Report:</b> Wairarapa words	p37	357/Apr 07##
Greg Keay	<b>Report:</b> Guild AGM	p38	357/Apr 07##
Kevin Crosado	<b>Photos:</b> Two views of Paul Berntsen's 1:34-scale accident crane	Back	357/Apr 07##

Peter Ross	<b>Photo:</b> Barry Fitzgerald's OTM corner module (1:64 scale)	Cover	358/Jun 07##
Darryl Palmer	<b>Locomotivery:</b> TR822, "What another TR!" (1:64 scale)	p6	358/Jun 07##
Grant Morrell	<b>1:64 Layout:</b> My railway from the ground up part three	p8	358/Jun 07##
Neil Ward/Trevor James	<b>Journal Jewels:</b> Neil Ward's Online Way and Works gang bus in 1:64	p12	358/Jun 07##
Stuart Walker	<b>Structures:</b> Cement silos at Te Kowhai Rd, Te Rapa in 1:64	p13	358/Jun 07##
John Agnew	<b>Perspective:</b> Forty years of Railmaster Exports	p17	358/Jun 07##
Les Downey	<b>Tools:</b> Is the overhang equal?	p21	358/Jun 07##
Glen Robertson/Karl Morris	<b>Plan, text and photos:</b> GT-4 car-transport wagons	p22	358/Jun 07##
Gerald Petrie	<b>Station File:</b> Birdlings Flat	p28	358/Jun 07##
Mark Cole	<b>Fifties Focus:</b> Bedford SB-3 coaches – Wanganui 1959 and 1962	p32	358/Jun 07##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	358/Jun 07##
	<b>Trade news:</b> Bay Line, Precision Railcrafts, Station Rd, Yat Ming, Von Strapp	p34	358/Jun 07##
Brent Hopley	<b>Report:</b> Wellington 9mm group	p35	358/Jun 07##
	<b>Reviews</b>	p36	358/Jun 07##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p37	358/Jun 07##
	<b>Postbag</b>	p38	358/Jun 07##
Peter Ross	<b>Photos:</b> Two views of Barry Fitzgerald's 1:64 Ww684 on his OTM corner module	Back	358/Jun 07##
Peter Ross	<b>Photo:</b> Tim Marshall's 1:34-scale 30ft F van	Cover	359/Aug 07##
Mark Andrews	<b>Tools:</b> Experiments in etching part one	p6	359/Aug 07##
Les Downey	<b>Locomotivery:</b> Getting all the boiler bits in line	p7	359/Aug 07##
Keith Collins	<b>Locomotivery:</b> Upgrading a Wab	p9	359/Aug 07##
S J Ramir	<b>1:64 Layout:</b> Klynham Branch railway	p11	359/Aug 07##
Kevin Crosado	<b>Photos:</b> Convention 2008 layouts – David Lowe's 1:76 Midland Rly	p14	359/Aug 07##
Tim Marshall	<b>Car &amp; wagon:</b> The making of 30ft guard's van F238 part one (1:34 scale)	p15	359/Aug 07##
Stuart Walker	<b>Tools:</b> Table converts 1:64-scale to millimetres	p21	359/Aug 07##
	<b>Plan:</b> NZR standard 30ft brake van BP3866	p22	359/Aug 07##
Don Weston	<b>Obituary:</b> John Rappard	p24	359/Aug 07##
Kevin Crosado	<b>Text and Photos:</b> Drawing 3866 guard's vans part one	p25	359/Aug 07##
Archives NZ	<b>Plan:</b> NZR standard 30ft van underframe BP3866	p26	359/Aug 07##
	<b>Plan:</b> NZR 30ft brake van BP25743 sheet 32	p27	359/Aug 07##

Kevin Crosado	<b>Plan:</b> Wrought iron details (lookout) for 30ft van	p28	359/Aug 07##
Peter Ross	<b>Vehicle Views:</b> Drawing 3866 30ft guard's vans	p32	359/Aug 07##
	<b>Report:</b> Christchurch NZR Modellers	p33	359/Aug 07##
	<b>Trade news:</b> Model Company, Marks Model Works	p34	359/Aug 07##
	<b>Reviews</b>	p35	359/Aug 07##
	<b>Reviews</b>	p36	359/Aug 07##
Ian Galbraith	<b>Report:</b> Wairarapa words	p37	359/Aug 07##
	<b>Postbag</b>	p39	359/Aug 07##
Peter Ross	<b>Photos:</b> Two views of Tim Marshall's 1:34 30ft guard's van	Back	359/Aug 07##
Paul Berntsen/Raoul Quinn	<b>Photo:</b> Wilson's (NZ) Portland Cement 0-4-2T Peckett in 1:34	Cover	360/Oct 07##
Tim Marshall	<b>Car &amp; wagon:</b> The making of 30ft guard's van F238 part two	p6	360/Oct 07##
	<b>Plan:</b> Pintsch's Patent Lighting Co lamp ##281 (carriage lamp)	p9	360/Oct 07##
OnTrack	<b>Photos:</b> YJ ballast wagon update	p12	360/Oct 07##
Kevin Crosado	<b>Photos:</b> Convention 2008 layouts – Paul Berntsen's 1:43 Wexford	p14	360/Oct 07##
Kevin Crosado	<b>Text and Photos:</b> Drawing 3866 guard's vans part two (includes road numbers)	p15	360/Oct 07##
Keith Collins	<b>Locomotivery:</b> Sound for a 1:34 Da	p20	360/Oct 07##
Glen Robertson	<b>Plan and photos:</b> DFT locomotive	p22	360/Oct 07##
Gerald Petrie	<b>Station File:</b> Birdlings Flat part two	p24	360/Oct 07##
Craig McSkimming	<b>Text and Photos:</b> DFT locomotive details	p26	360/Oct 07##
Jack Creber	<b>Fifties Focus:</b> Loco and Paeroa – Ja1285, Jb1213	p32	360/Oct 07##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	360/Oct 07##
	<b>Trade news</b>	p34	360/Oct 07##
Neil Ward	<b>Obituary:</b> Joseph Patrick (Pat) Eade	p35	360/Oct 07##
	<b>Reviews</b>	p36	360/Oct 07##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p37	360/Oct 07##
	<b>Postbag</b>	p38	360/Oct 07##
Paul Berntsen/Raoul Quinn	<b>Photos:</b> Two views of the Berntsen/Quinn 1:34 Wilson's (NZ) Portland Cement 0-4-2T Peckett	Back	360/Oct 07##
Peter Ross	<b>Photo:</b> Early morning Amberley limeworks in 1:64	Cover	361/Feb 08##
Grant Fletcher	<b>Self-propelled:</b> A pair of Johnsonville units part one (1:64 scale)	p6	361/Feb 08##
John Whyte	<b>Weathering:</b> 1920s loco weathering	p12	361/Feb 08##

Kevin Crosado	<b>Photos:</b> Convention 2008 layouts – Bob Heron’s 1:87 layout	p14	361/Feb 08##
Peter Ross	<b>Scenicking:</b> Lifelike long grass (static grass)	p15	361/Feb 08##
Kevin Crosado	<b>Text and Photos:</b> Drawing 3866 guard’s vans part three (paint colours, etc)	p20	361/Feb 08##
Paul Berntsen/Kevin Crosado	<b>Plans, text and photos:</b> X13515 and 13516 1942 English Electric multiple units part one	p22	361/Feb 08##
Kevin Crosado	<b>Plan, text and photos:</b> BP1656B standard car bogie, 1895	p26	361/Feb 08##
Terry Bradley	<b>Car &amp; wagon:</b> 1:34-scale BP1656 bogies	p28	361/Feb 08##
Les Downey	<b>Tools:</b> Digital camera as a modelling tool	p31	361/Feb 08##
Mark Cole	<b>Fifties Focus:</b> English Electric units	p32	361/Feb 08##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	361/Feb 08##
Noel Attwood/Ian Galbraith	<b>Obituary:</b> Russell Robert Smith	p34	361/Feb 08##
	<b>Trade news:</b> Glenorchy, Von Strapp, Precision railcrafts	p35	361/Feb 08##
	<b>Reviews</b>	p36	361/Feb 08##
Ian Galbraith	<b>Report:</b> Wairarapa Words	p37	361/Feb 08##
	<b>Postbag</b>	p38	361/Feb 08##
Peter Ross	<b>Photos:</b> Two views of Amberley limeworks grass effects (1:64 scale)	Back	361/Feb 08##
Kevin Crosado	<b>Photo:</b> John Hey’s prize winning 1:64 sulphuric acid train	Cover	362/Jun 08##
Kevin Crosado	<b>Perspective:</b> The Journal turns sixty	p6	362/Jun 08##
Alan Curtis	<b>Report:</b> 2008 Taradale convention	p8	362/Jun 08##
Kevin Crosado	<b>Photos:</b> Convention competition models	p11	362/Jun 08##
	Taradale convention NZAMRC competition results	p17	362/Jun 08##
Grant Fletcher	<b>Self-propelled:</b> A pair of Johnsonville units part two	p18	362/Jun 08##
Les Downey	<b>Tools:</b> Couplers in line and at the correct height (1:64 height gauge)	p21	362/Jun 08##
Glen Robertson/Kevin Crosado	<b>Plan, text and photos:</b> CF-2 fertiliser wagon, diagram CF-2	p22	362/Jun 08##
Kevin Crosado	<b>Text and Photos:</b> Drawing 3866 30ft guard’s vans part four, Carnation Red	p28	362/Jun 08##
Kevin Crosado	<b>Text and Photos:</b> English-Electric multiple units part two	p30	362/Jun 08##
Kevin Crosado	<b>Vehicle Views:</b> CF wagons	p32	362/Jun 08##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	362/Jun 08##
	<b>Trade news:</b> VCC, Mark’s Model Works, Woos Works, City Depot	p34	362/Jun 08##
	<b>Reviews</b>	p36	362/Jun 08##
David McCallum	<b>Report:</b> Southern Sortie	p36	362/Jun 08##
	<b>Report:</b> Wairarapa Words	p36	362/Jun 08##

Trevor McMurdo	<b>Postbag</b>	p38	362/Jun 08##
Kevin Crosado	<b>Journal Jewels:</b> Southern gems – J1237 from JG kitset; Ar106 from two South Dock kits	p43	362/Jun 08##
	<b>Photos:</b> John Dudson's prize winning 1:64 Kakariki Bridge and Red Swamp modules	Back	362/Jun 08##
Grant Morrell	<b>Photo:</b> A busy scene at Carterton Station on Grant Morrell's 1:64 layout	Cover	363/Sep 08##
Peter Ross	<b>Journal Jewels:</b> Two examples of John Dudson's weathered trucks	p2	363/Sep 08##
John Robinson	<b>Locomotivery:</b> Dubs A in G (1:24 scale)	p6	363/Sep 08##
Grant Morrell	<b>1:64 Layout:</b> My railway from the ground up part four	p9	363/Sep 08##
Heinz Bohnen	<b>Scenicking:</b> Static grass	p13	363/Sep 08##
Stuart Walker	<b>Structures:</b> Building a pressed-steel water tank (ex 1:76 Wills kit)	p14	363/Sep 08##
Grant Fletcher	<b>Self-propelled:</b> A pair of Johnsonville units part three	p16	363/Sep 08##
Trev Terry	<b>Station File:</b> Okahukura part one	p19	363/Sep 08##
Kevin Crosado	<b>Plan, text and photos:</b> B-class 4-8-0 locomotives part one	p22	363/Sep 08##
	<b>Plan:</b> B class 4-8-0 running board, firebox fittings	p24	363/Sep 08##
Kevin Crosado	<b>Plan, text and Photo:</b> Drawing 3866 30ft guard's vans part five (paint colours)	p28	363/Sep 08##
Kevin Crosado	<b>Text and Photos:</b> English Electric multiple units part three	p30	363/Sep 08##
Jack Creber	<b>Fifties Focus:</b> Penrose Junction	p32	363/Sep 08##
	<b>Report:</b> Christchurch NZR Modellers	p33	363/Sep 08##
	<b>Trade news:</b> Glenorchy, Model Company, Von Strapp	p33	363/Sep 08##
	<b>Reviews</b>	p34	363/Sep 08##
Stuart Walker/Kevin Crosado	<b>Photos:</b> Pressed steel water vats	p36	363/Sep 08##
	<b>Report:</b> Wairarapa Words	p37	363/Sep 08##
	<b>Postbag</b>	p38	363/Sep 08##
Jack Creber/Trevor Cheer	<b>Past &amp; Present:</b> Okahukura	p43	363/Sep 08##
Grant Morrell	<b>Photos:</b> Two scenes on Grant's 1:64 layout	Back	363/Sep 08##
Brendon Lean	<b>Photo:</b> KiwiRail DX5749 in 1:120 scale	Cover	364/Dec 08##
Wayne Brindle/Kevin Crosado	<b>Journal Jewels:</b> Wayne Brindle's bush lokeys	p2	364/Dec 08##
Peter Ross	<b>Locomotivery:</b> DX5749: the first model in KiwiRail colours?	p6	364/Dec 08##
Wayne Brindle	<b>Locomotivery:</b> Upscaling a Heisler (to 1:64 from 1:87)	p9	364/Dec 08##
Jason McFadden	<b>Structures:</b> Kaiapoi station in 1:64 scale part one	p12	364/Dec 08##
Grant Fletcher	<b>Self-propelled:</b> A pair of Johnsonville units, conclusion	p15	364/Dec 08##

Compiled by Trevor Cheer	<b>Station File:</b> Okahukura part two	p18	364/Dec 08##
John Whyte	<b>Layout Ideas:</b> Okahukura	p20	364/Dec 08##
Kevin Crosado	<b>Text and Photos:</b> B-class 4-8-0 locomotives part two	p22	364/Dec 08##
	<b>Plan:</b> Standard 1700 gal. tender, Drwg 2122	p22	364/Dec 08##
Kevin Crosado	<b>Text and Photos:</b> Drawing 3866 30ft guard's vans part six (use as plough van)	p26	364/Dec 08##
	<b>Plan:</b> Reversible ballast plough, Drg X25625	p28	364/Dec 08##
	Plan Double ballast plough, Drg X25743	p29	364/Dec 08##
Peter Ross	<b>Products:</b> Smooth riding freight bogie (Frateschi)	p31	364/Dec 08##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p33	364/Dec 08##
	<b>Trade news:</b> Glenorchy,	p34	364/Dec 08##
Graham Dredge	<b>Report:</b> Westie Ramblings	p35	364/Dec 08##
	<b>Reviews</b>	p35	364/Dec 08##
	<b>Report:</b> Wairarapa Words	p37	364/Dec 08##
	<b>Postbag</b>	p39	364/Dec 08##
John Agnew	<b>Photos:</b> Anchor Shipping's <i>Totara</i> tied up at Greymouth Wharf (1:64 scale)	Back	364/Dec 08##
Kevin Crosado	<b>Photo:</b> Paul Berntsen's 1:34 model of Ed101	Cover	365/Mar 09##
Peter Ross	<b>Journal Jewels:</b> Roger Bennetts' DXB5143 in KiwiRail livery	p2	365/Mar 09##
Paul Berntsen	<b>Locomotivery:</b> Modelling Ed101 in 1:34 scale	p6	365/Mar 09##
Les Downey	<b>Road vehicles:</b> My Smash Palace (1:64 scale)	p10	365/Mar 09##
Chris Bradley	<b>1:43 Layout:</b> The Tutaenui tram part one	p11	365/Mar 09##
Peter Ross	<b>Tools:</b> Smooth-running steam locos part one – optical wheel quartering	p16	365/Mar 09##
Jason McFadden	<b>Structures:</b> Kaiapoi station part two	p18	365/Mar 09##
Jason McFadden	<b>Tools:</b> Etching brass at home	p20	365/Mar 09##
	<b>Plan, text and photos:</b> Diagram BLW/LWD twin-compartment wine containers	p22	365/Mar 09##
Courtesy Andrew Wilson	<b>Plans and Photos:</b> Nelson Section yards, Richmond, Hope, Brightwater, Wakefield	p27	365/Mar 09##
Mark Andrews	<b>Tools:</b> Experiments in etching part two, the 1:64 Dubs A	p30	365/Mar 09##
Alec Fenton	<b>Journal Jewels:</b> Alec Fenton's 1:64 DF6248	p33	365/Mar 09##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	365/Mar 09##
	<b>Trade news:</b> VCC, Mark's Model Works, Von Strapp, Terry Bradley, Glenorchy	p35	365/Mar 09##
	<b>Report:</b> Wairarapa Words	p37	365/Mar 09##
	<b>Reviews</b>	p37	365/Mar 09##

Soren Low	<b>Vehicle Views:</b> LWD containers	p43	365/Mar 09##
Kevin Crosado	<b>Photos:</b> Two views of Paul Berntsen's 1:34-scale Ed101	Back	365/Mar 09##
Chris Bradley	<b>Photo:</b> Tutaenui's <i>Annie</i> in 1:43 scale	Cover	366/Jun 09##
Peter Ross	<b>Journal Jewels:</b> On Daryl Roe's One Track Minds module, Dg/Dj and stockyard	p2	366/Jun 09##
Chris Bradley	<b>Photo:</b> Tutaenui tram in action	p3	366/Jun 09##
Grant Morrell	<b>Wagon loads:</b> Timber by the wagon	p6	366/Jun 09##
Colin McHarg	<b>Wagon loads:</b> Timber by the wagon	p8	366/Jun 09##
Kevin Crosado	<b>Prototype:</b> What the rule book said (about wagon loading)	p9	366/Jun 09##
Chris Bradley	<b>1:43 Layout:</b> The Tutaenui tram part two	p11	366/Jun 09##
Peter Ross	<b>Tools:</b> Robin Knight's locomotive chassis jig	p16	366/Jun 09##
Gordon Barr	<b>Structures:</b> A NZ classic – Art Deco house (includes plan)	p18	366/Jun 09##
	<b>Plan and photos:</b> S19096 Telephone shelter (lineside phones)	p22	366/Jun 09##
Courtesy Andrew Wilson	<b>Plans and Photos:</b> Nelson Section yards, Belgrove, Motupiko, Tadmor, Manu	p26	366/Jun 09##
Keith Collins	<b>Electrics:</b> DCC Turnout Protection	p29	366/Jun 09##
Mark Andrews	<b>Tools:</b> Experiments in etching part three 1:64 Fairlie B class, Rogers K	p30	366/Jun 09##
Peter Ross	<b>Report:</b> Christchurch NZ Modellers	p33	366/Jun 09##
	<b>Trade news:</b> AKF, Online, Terry Bradley	p34	366/Jun 09##
Peter Ross	<b>Comment:</b> NZR modelling, not easy but worth it	p35	366/Jun 09##
Pete van Grinsven	<b>Report:</b> North Shore MRC news	p36	366/Jun 09##
	<b>Report:</b> Wairarapa Words	p37	366/Jun 09##
Graham Dredge	<b>Report:</b> Westie Ramblings	p37	366/Jun 09##
	<b>Postbag</b>	p39	366/Jun 09##
Kevin Crosado	<b>Lineside:</b> Two NZ Deco houses	p41	366/Jun 09##
Chris Bradley	<b>Photos:</b> Tutaenui's Bagnall 0-4-2ST <i>Jack</i> and 0-4-2T <i>Annie</i> (1:43 scale)	Back	366/Jun 09##
Jason McFadden	<b>Photo:</b> 1:64 Kaiapoi Station	Cover	367/Sep 09##
Evan James	<b>Journal Jewels:</b> Kiwi character in 1:48 scale, ex Bachmann 2-8-0, Price Tr inspired 0-6-0	p2	367/Sep 09##
Peter Ross photo	<b>Photo:</b> <i>Silverton</i> scene	p3	366/Jun 09##
Les Downey	<b>Car &amp; wagon:</b> A 1:64 Rotorua guard's van (includes coat of arms)	p4	367/Sep 09##
Peter Ross	<b>Locomotivery:</b> Smooth-running steam locos part two – Matching rods and frames	p9	367/Sep 09##
Alec Fenton/Neville Connew	<b>Techniques:</b> New technology introduced to NZ – Laser-cut structures	p12	367/Sep 09##

Peter Ross	<b>1:150 Layout:</b> Paul Christensen's <i>Silverton</i>	p13	367/Sep 09##
Keith Collins	<b>Electrics:</b> Reliable turntable wiring – three methods that will work with DCC	p19	367/Sep 09##
Bob Hepburn	<b>Fifties Focus:</b> South of Gisborne – Whakaki, Wairoa, Ohinepaka, Waihua	p20	367/Sep 09##
Peter Ross	<b>Car &amp; wagon:</b> More on CCW kits – Robin Knight's latest project	p22	367/Sep 09##
Trevor Cheer	<b>Plan:</b> Standard 3-wheel platform barrow Drg X25137	p24	367/Sep 09##
	<b>Plan:</b> NZR Drg 3898 mail truck	p26	367/Sep 09##
	<b>Photos:</b> Platform Trolleys – A once-common piece of station furniture	p28	367/Sep 09##
Andrew Wilson	<b>Plans and Photos:</b> Nelson Section yards, Manu, Glenhope, Kawatiri	p30	367/Sep 09##
Peter Ross photos	<b>Journal Jewels:</b> Two of Graham Venning's weathered La wagons in 1:64	p33	367/Sep 09##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	367/Sep 09##
	<b>Trade news:</b> AKF,	p35	367/Sep 09##
Alan Curtis	<b>Comment:</b> Modelling has been getting easier	p36	367/Sep 09##
Pete van Grinsven	<b>Report:</b> North Shore MRC news	p37	367/Sep 09##
Ex <i>Matarawa Halt</i>	<b>Report:</b> Wairarapa words	p37	367/Sep 09##
Les Downey	<b>Review:</b> 1:64 guard's van tail lamp	p37	367/Sep 09##
Terry Bradley	<b>Review:</b> <i>Addington Railway Workshops</i> by Keith Brown	p40	367/Sep 09##
Greg Keay	<b>Review:</b> Narrow Gauge Annual	p41	367/Sep 09##
Les Downey/P G Smith	<b>Postbag</b>	p39	367/Sep 09##
Peter Ross photos	<b>Rail history:</b> 1943 Ambulance car	p45	367/Sep 09##
Jack Creber photos	<b>Photos:</b> Reefton – 1956 colour views of the traditional NZGR	p47	367/Sep 09##
Peter Ross	<b>Photos:</b> Two scenes on Paul Christensen's 1:150 <i>Silverton</i> layout	Back	367/Sep 09##
Peter Ross photo	<b>Photo:</b> One of Lindsay Thompson's 1:87 Heislers converted to 1:64	Cover	368/Dec 09##
Alec Fenton photos	<b>Journal Jewels:</b> Neville Connew's 1:64-scale Online Ww679 (note weathering)	p2	368/Dec 09##
Peter Ross photo	<b>Photo:</b> Heisler hauling logs on Lindsay Thompson's Colonial Bush Tram	p3	368/Dec 09##
Graham Dredge	<b>Bits &amp; bytes:</b> A shunting donkey (DCC controlled Kadee couplers)	p4	368/Dec 09##
Graham Radcliffe photos	<b>The Way We Were:</b> Short trains 1962 - 1982	p8	368/Dec 09##
Paul Berntsen	<b>Locomotivity:</b> Round-hole suspension for model locomotives	p10	368/Dec 09##
Lindsay Thompson	<b>1:64 Layout:</b> Colonial bush tram	p13	368/Dec 09##
Neil Ward	<b>Tools:</b> 3D modelling in Solidworks and using rapid prototypes	p20	368/Dec 09##
Les Downey	<b>Tools:</b> Roof ridging	p23	368/Dec 09##
Glen Robertson/Kevin Crosado	<b>Plan, text and photos:</b> ZAT-3 curtainside wagons	p24	368/Dec 09##



Kevin Crosado	<b>Plan, text and photos:</b> Drawing X3181A freight bogies	p29	368/Dec 09##
Peter Ross	<b>Perspective:</b> But wait, there's more – Convention 2010 preview	p32	368/Dec 09##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	368/Dec 09##
	<b>Trade news:</b> Online, Mark's Model Works, Precision 9 Mil	p35	368/Dec 09##
Terry Bradley	<b>Comment:</b> Pokaka	p36	368/Dec 09##
	<b>Review:</b> <i>Old Waipiata</i>	p36	368/Dec 09##
Paul Woods	<b>Report:</b> Taniwha Tweets	p37	368/Dec 09##
Ex <i>Matarawa Halt</i>	<b>Report:</b> Wairarapa words	p37	368/Dec 09##
Les Downey/P G Smith	<b>Postbag:</b> CCW car kits, convention open day	p39	368/Dec 09##
Ray Mathewson photos	<b>Sixties Style:</b> Okarito trams – Union Foundry and Morris Cowley tractors	p45	368/Dec 09##
Peter Ross photos	<b>Journal Jewels:</b> Neil Andrews' layout scenes (1:34 scale)	p47	368/Dec 09##
Peter Ross photos	<b>Photos:</b> Lindsay Thompson's Price lookalike No.1 and Smokey Joe conversion (1:64 scale)	Back	368/Dec 09##
Kevin Leigh photo	<b>Photo:</b> Glen Anthony's 1:24 working diorama <i>The Stamping Ground</i>	Cover	369/Mar 10##
Kevin Crosado photos	<b>Journal Jewels:</b> Two 1:64-scale Pecketts (Berntsen/Knight)	p2	369/Mar 10##
Glen Anthony photo	<b>Photo:</b> Glen Anthony's <i>The Stamping Ground</i>	p2	369/Mar 10##
Les Downey	<b>Car &amp; wagon:</b> Who says three into two won't go? (1:64 G and Ug wagons)	p4	369/Mar 10##
NZR courtesy Archives NZ	<b>Vehicle Views:</b> Wellington EMU details	p6	369/Mar 10##
Kevin Crosado	<b>Plan, text and photos:</b> Drawing 3921 Ug wagons	p8	369/Mar 10##
Glen Anthony	<b>1:24 Layout:</b> <i>The Stamping Ground</i> – steam worked gold mine with stamping battery	p13	369/Mar 10##
Peter Ross	<b>Locomotivery:</b> Smooth-running steam locos Pt 3 – fixing a sticky 1:64 F	p20	369/Mar 10##
Graham Dredge	<b>Electrics:</b> Shunting donkey correction	p23	369/Mar 10##
Kevin Crosado	<b>Plan, text and photos:</b> Price Bros D-class cars	p24	369/Mar 10##
Colin Barry	<b>Station File:</b> Inangahua Junction part one	p30	369/Mar 10##
Peter Ross photos	<b>Lineside:</b> Waipiata 2009	p33	369/Mar 10##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	369/Mar 10##
	<b>Trade news:</b> AKF, Littlewood	p35	369/Mar 10##
Phil Rzoska	<b>Comment:</b> Advancement of technology	p36	369/Mar 10##
Ex <i>Matarawa Halt</i>	<b>Report:</b> Wairarapa Words	p37	369/Mar 10##
D L Bettridge/Bevan Brown	<b>Postbag:</b> Waitara Branch, HO NZR modelling	p38	369/Mar 10##
Rhys Batchelor	<b>Perspective:</b> NZ120 – The first 40 years part one	p45	369/Mar 10##
Kevin Leigh photos	<b>Photos:</b> Two views on Glen Anthony's <i>The Stamping Ground</i>	Back	369/Mar 10##

Kevin Crosado photo	<b>Photo:</b> John Dudson's winning NZ landscape diorama	Cover	370/Jun 10##
Kevin Crosado photos	<b>Journal Jewels:</b> Brian Lilley's 1:24 TTT Mallet No 7	p2	370/Jun 10##
Kevin Crosado photo	<b>Photo:</b> Tim Marshall's A3 layout winner, <i>The Dominion Box Co</i>	p3	370/Jun 10##
Paul Berntsen	<b>Locomotivory:</b> The Taupo Totara Timber Co Mallet in 1:34	p4	370/Jun 10##
David Bentley	<b>Car &amp; wagon:</b> Getting them out of the boxes (30ft Ajin van modifications)	p9	370/Jun 10##
Ian Robertson	<b>Road vehicles:</b> A Bedford truck in 1:64 scale	p11	370/Jun 10##
Kevin Crosado photos	<b>Photos:</b> Convention 2010 competition models	p13	370/Jun 10##
	NZAMRC model competition results	p17	370/Jun 10##
Peter Ross	<b>Report:</b> Christchurch Convention 2010 in retrospect	p18	370/Jun 10##
Kevin Crosado	<b>Plan, text and photos:</b> Class FC log wagons	p24	370/Jun 10##
John Agnew/Peter Ross	<b>Obituary:</b> Graham Selman	p28	370/Jun 10##
	<b>Plan:</b> PWD 22640 Coals stores	p30	370/Jun 10##
Colin Barry	<b>Station File:</b> Inangahua Junction part two	p32	370/Jun 10##
John Joyce/Jack Creber	<b>Fifties Focus:</b> B303 Inangahua Junction	p33	370/Jun 10##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers	p34	370/Jun 10##
Pete van Grinsven	<b>Report:</b> North Shore MRC news	p34	370/Jun 10##
	<b>Trade news:</b> Mark's Model Works, Westimation,	p34	370/Jun 10##
Alan Curtis	<b>Comment:</b> Convention a hard act to follow	p36	370/Jun 10##
	<b>Report:</b> Wairarapa words	p37	370/Jun 10##
David McCallum	<b>Report:</b> Southern sortie	p37	370/Jun 10##
	<b>Reviews:</b> <i>Just Like the Real Thing</i>	p38	370/Jun 10##
Grant Morrell	<b>Scenicking:</b> Flax making step by step	p45	370/Jun 10##
Rhys Batchelor	<b>Perspective:</b> NZ120: the first 40 years part two	p46	370/Jun 10##
Kevin Crosado photos/Brian Lilley	<b>Photos:</b> Rhodesia Railways 15th class Garratt No.271 in 1:24 scale	Back	370/Jun 10##
Peter Ross photo	<b>Photo:</b> Ab608 on John Dudson's Kakariki bridge module.	Cover	371/Sep 10##
Kevin Crosado photos	<b>Journal Jewels:</b> Bernie Willis's 1:48-scale (On30) Despatch Foundry Webb Patent rail tractor	p2	371/Sep 10##
Peter Ross photo	<b>Photo:</b> One end of the Kakariki bridge	p3	371/Sep 10##
John Dudson/Peter Ross	<b>1:64</b> Layout module: Kakariki – a scene built around an NZR truss bridge	p4	371/Sep 10##
Peter Ross	<b>Bits &amp; bytes:</b> Hark is that a Fiat I hear? Installing Loksound in an 88-seat railcar	p10	371/Sep 10##
Darryl Palmer	<b>Car &amp; wagon:</b> Shell KP. Railmaster box wagon kit with Don Wills decals	p12	371/Sep 10##

Paul Napier/Kevin Crosado	<b>1:24 Diorama:</b> "Honey, there's a train in our basement". Model of Wellingtons' Mt Albert tramway.	p13	371/Sep 10##
Grant Fletcher	<b>Locomotivery:</b> Scratchbuilt 1:64-scale Ew locomotive, part 1.	p20	371/Sep 10##
Glen Robertson/Kevin Crosado	<b>Plan, text and photos:</b> Class CE coal wagon	p24	371/Sep 10##
Colin Barry	<b>Station File:</b> Inangahua Junction part three (includes yard plans).	p28	371/Sep 10##
Paul Andersen-Gardiner	<b>Report:</b> Notes from South Taranaki	p32	371/Sep 10##
Neville Connew/Alec Fenton	<b>Journal Jewels:</b> Da1400 and Da1414 on level crossing	p33	371/Sep 10##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers Group (includes punching headlight lenses).	p34	371/Sep 10##
	<b>Trade news:</b> North Yard, JG Models (Garratt photo), AKF Models (bogie photos), Railmaster, MMW	p35	371/Sep 10##
Peter Ross/Darryl King	<b>Report:</b> TrainZ 2010 modelling weekend (includes photo of Neil Andrews' 1:34 Kape to Kairo layout).	p35	371/Sep 10##
Peter Ross	<b>Comment:</b> Christchurch earthquake	p36	371/Sep 10##
	<b>Report:</b> Wairarapa Words	p37	371/Sep 10##
	<b>Train Advice:</b> Coming events	p38	371/Sep 10##
	<b>Reviews:</b> <i>Stations of the central and lower South Island</i> , Sean Millar.	p39	371/Sep 10##
Percy Godber	<b>Photo:</b> Pokaka, 1924	p39	371/Sep 10##
	<b>Postbag:</b>	p40	371/Sep 10##
Kevin Crosado	<b>Eye on the Eighties:</b> Wellington's Mt Albert Tramway, 1976.	p45	371/Sep 10##
Rhys Batchelor	<b>Perspective:</b> NZ120: the first 40 years part three	p46	371/Sep 10##
Peter Ross	<b>Photos:</b> Two scenes on John Dudson's Kakariki bridge module featuring Ab608 and an 88-seat railcar.	Back	371/Sep 10##
Kevin Crosado photo	<b>Photo:</b> WCC No.3 entering the tunnel on Paul Napier's 1:24-scale Mount Albert Tramway.	Cover	372/Dec 10##
Peter Ross photos	<b>Journal Jewels:</b> Lindsay Thompson's 1:48-scale bush workshop	p2	372/Dec 10##
Pete van Grinsven photo	<b>Photo:</b> Wharf scene on John Agnew's West Coast railway	p3	372/Dec 10##
Pete van Grinsven	<b>Lineside:</b> A tale of two Greymouth wharf cranes (modelling in 1:64 scale)	p4	372/Dec 10##
Les Downey	<b>Car &amp; wagon:</b> A different clerestory-roofed guard's van (modelling in 1:64 scale from etched brass)	p10	372/Dec 10##
Paul Napier/Kevin Crosado	<b>1:24 Diorama:</b> "Honey, there's a train in our basement". Model of Wellingtons' Mt Albert tramway, part 2	p13	372/Dec 10##
Grant Fletcher	<b>Locomotivery:</b> Scratchbuilt 1:64-scale Ew locomotive, part 2.	p19	372/Dec 10##
Mark Andrews	<b>Bits &amp; bytes:</b> Sound A (installing Loksound in a Dubs A)	p21	373/Dec 10##
Trevor Cheer	<b>Hints and tips:</b> 1:34-scale signal ladders (step by step guide to modelling in brass)	p22	372/Dec 10##
Archives NZ	<b>Plan:</b> NIMT snow plough	p24	372/Dec 10##
Kevin Crosado	<b>Text and photos:</b> Snow ploughs	p26	372/Dec 10##
Colin Barry	<b>Station File:</b> Inangahua Junction part four (includes prototype photos)	p30	372/Dec 10##
Evan James	<b>Vehicle Views:</b> ex NIMT snow plough, R-1 with canopy, both Dunedin 1964	p33	372/Dec 10##

Peter Ross/John Dudson	<b>Report:</b> Christchurch NZR Modellers Group	p34	372/Dec 10##
Darryl Palmer	<b>Report:</b> Pokaka 2010	p35	372/Dec 10##
	<b>Trade news:</b> North Yard, Mark's Model Works (1:64 birds), Model Co (1:34 Da), Glenorchy (1:34 Hitachi TR), Southwark Bridge (1:64 bicycles), von Strapp (1:34 Fm van)	p35	372/Dec 10##
Colin Zeff	<b>Comment:</b> Street tramways	p36	372/Dec 10##
	<b>Report:</b> Wairarapa Words	p37	372/Dec 10##
	<b>Train Advice:</b> Coming events	p38	372/Dec 10##
	<b>Obituaries:</b> Edward John (Jack) McClare, Graham Tuariki Radcliffe, Jeff Driver	p38	372/Dec 10##
	<b>Reviews:</b> <i>Trains on the Main Trunk</i> , Graeme Carter; <i>Model Railroader</i> , Peter Ross; <i>Durango &amp; Silverton</i> , Sam Furukawa	p39	372/Dec 10##
Bob Stevens	<b>Photo:</b> Snow plate, Cromwell (to fit over cowcatcher)	p40	372/Dec 10##
Evan James	<b>Hints and tips:</b> Stand pipes (aka water columns)	p45	372/Dec 10##
Michael Gee	<b>Scenicking:</b> Don Clement's toetoe: modelling an iconic native tussock in 1:64 scale	p46	372/Dec 10##
Pete van Grinsven photos	<b>Photos:</b> Two pictures of Pete's 1:64-scale model of Greymouth wharf crane No.2	Back	372/Dec 10##
Kevin Crosado photo	<b>Photo:</b> Bob Stott's 1:64-scale Climax A crossing Taputerangi Stream bridge.	Cover	373/Mar 11##
Trevor McMurdo photos	<b>Journal Jewels:</b> Trevor McMurdo's models of V63 and P133 in original condition.	p2	373/Mar 11##
Kevin Crosado photo	<b>Photo:</b> Loading timber on Bob Stott's Taputerangi to Taupo bush tram layout.	p3	373/Mar 11##
Brendon Lean	<b>Locomotivery:</b> Scratchbuilding a Dsc in styrene (modelling in 1:64 scale)	p4	373/Mar 11##
Peter Ross	<b>Prototype:</b> Dsc—the diesel that did it in the yards (brief history of Dsc class locomotives)	p6	373/Mar 11##
Graham Dredge	<b>Car &amp; wagon:</b> Tunnel profile wagon: a working model for checking tunnel clearances (1:64 scale).	p7	373/Mar 11##
Robin Knight	<b>Car &amp; wagon:</b> Tunnel clearance cars—[based on] U and N wagons (1:64 scale, includes plan and prototype info).	p12	373/Mar 11##
Bob Stott	<b>1:64 Layout:</b> Taputerangi to Taupo: a bush tramway layout	p13	373/Mar 11##
Grant Fletcher	<b>Locomotivery:</b> Scratchbuilt 1:64-scale Ew locomotive, part 3.	p19	373/Mar 11##
	<b>Obituary:</b> Keith Anthony Collins 22 October 1928 – 26 February 2011	p21	373/Mar 11##
Kevin Crosado	<b>Plan, text and photos:</b> Jenkinson's Dream: Leyland railcar RM3, part one	p22	373/Mar 11##
Colin Barry	<b>Station File:</b> Inangahua Junction part five (includes prototype photos)	p28	373/Mar 11##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers Group (includes home-made foliator)	p33	373/Mar 11##
Graham Dredge	<b>Report:</b> Westies: group project to build water vats	p34	373/Mar 11##
	<b>Trade news:</b> Station Road cast urethane shipping containers, Trains.com magazine index.	p34	373/Mar 11##
Graeme McClare	<b>Text and photo:</b> NIMT snowplough update	p34	373/Mar 11##
Peter Ross	<b>Review:</b> <i>Realistic railway modelling: Layout design</i> by Iain Rice	p35	373/Mar 11##

	<b>Train Advice:</b> Coming events	p38	373/Mar 11##
Peter Ross	<b>Comment:</b> Second Christchurch earthquake	p36	373/Mar 11##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i>	p37	373/Mar 11##
	<b>Postbag:</b> Inangahua memories, Andrew Wilson, Narrow gauge railways, Barry Brickell.	p37	373/Mar 11##
Kevin Crosado photos	<b>NZ Built:</b> Prototype photos of Dsc class locos.	p45	373/Mar 11##
Gordon Barr	<b>Bits &amp; bytes:</b> DCC-controlled locomotive couplers (on Trevor Borlase's Ja).	p46	373/Mar 11##
Kevin Crosado photos	<b>Photos:</b> Climax A and remains of a Price 16-wheeler on Bob Stott's Taputerangi to Taupo tramway.	Back	373/Mar 11##
Peter Ross photo	<b>Photo:</b> 1:64-scale DXR8007 heading the Tranz Alpine Express on Roger Bennetts' TALMR module	Cover	374/Jun 11##
Peter Ross photos	<b>Journal Jewels:</b> Roger Bennetts' DXR8007, Tranz Alpine cars and open observation car	p2	374/Jun 11##
Grant Morrell photo	<b>Photo:</b> Grant Morrell's 1:64-scale Dubs A passing in front of Doughty's Store, Kerosine Creek	p3	374/Jun 11##
Quentin Roper/Grant Morrell	<b>Locomotivery:</b> Etched-brass Dubs A kit: An appealing model and useful learning experience	p4	374/Jun 11##
Peter Ross	<b>Prototype:</b> The Dubs A: A brief history	p8	374/Jun 11##
Phil Rzoska	<b>Electrics:</b> Enhancing the Tortoise (point motor modifications)	p9	374/Jun 11##
Les Downey	<b>Electrics:</b> An aid to choosing LED resistors	p12	374/Jun 11##
Neil Ward	<b>1:64 Layout:</b> Paeroa to Waihi revisited	p13	374/Jun 11##
Darryl Palmer	<b>Car &amp; wagon:</b> NX1 experimental flat wagon	p18	374/Jun 11##
Kevin Crosado	<b>Plan, text and photos:</b> Jenkinson's Dream: Leyland railcar RM3, part two	p20	374/Jun 11##
	<b>Plan and photos:</b> Class SK container wagon	p22	374/Jun 11##
Kevin Crosado	<b>Prototype:</b> Class SK container flat-top wagons.	p26	374/Jun 11##
Bob Hepburn	<b>50s Focus:</b> South of Gisborne, Raupunga, Kotemaori, Putorino, Tutira, RM104, RM124, JA1288	p28	374/Jun 11##
	<b>Photos, text and plan:</b> Wellington shelters (small stations)	p30	374/Jun 11##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's (Don Wills' Vanguard Comet, level crossing signal bell and base)	p33	374/Jun 11##
	<b>Trade news:</b> Littlewood's rivet tool, Station Rd container kit, Glenorchy 1:64 Hunslett 0-6-0ST	p34	374/Jun 11##
Bob Everitt	<b>Photo:</b> Standard railcar RM30 <i>Aotea</i>	p35	374/Jun 11##
Peter Ross	<b>Comment:</b> Encyclopaedia Journalia	p36	374/Jun 11##
	<b>New members</b>	p36	374/Jun 11##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i>	p37	374/Jun 11##
Kevin Crosado	<b>Review:</b> <i>Wellington's railways—Colonial steam to Matangi</i> by David Parsons	p37	374/Jun 11##
Greg Keay	<b>Review:</b> <i>Kiwitown's Port—The story of Oamaru Harbour</i> by Gavin McLean	p37	374/Jun 11##
Greg Keay	<b>Review:</b> <i>Railroad Model Craftsman</i> March and April 2011 issues	p40	374/Jun 11##
	<b>Postbag:</b> Greymouth wharf cranes	p40	374/Jun 11##

Kevin Crosado photos	<b>Journal Jewels:</b> Scenes on Colin Barry's Inangahua layout	p45	374/Jun 11##
Graham Dredge	<b>Techniques:</b> Carpeting my tunnels (tunnel lining)	p46	374/Jun 11##
Kevin Crosado photos	<b>Photos:</b> Trevor Cheer's scratchbuilt 1:34-scale model of URL1907, weathered by John Whyte	Back	374/Jun 11##
Kevin Crosado photo	<b>Photo:</b> Paul Berntsen's 1:34-scale model of C857 passing through Pokaka.	Cover	375/Sep 11##
Kevin Crosado photos	<b>Journal Jewels:</b> Raoul Quinn's 1:43.5 scale stone crusher and Fordson Major tractor	p2	375/Sep 11##
Kevin Crosado photo	<b>Photo:</b> Raoul Quinn's 1:43.5 scale stone crusher	p3	375/Sep 11##
Tony Simons	<b>Locomotivery:</b> Russell Smith's last locomotive – E66	p4	375/Sep 11##
Peter Ross	<b>Tools:</b> Get more from your digital camera – part one taking basic digital photos	p7	375/Sep 11##
Darryl Palmer	<b>Car &amp; wagon:</b> KST wagons (from own masters)	p10	375/Sep 11##
Les Downey	<b>Electrics:</b> A very simple DC track current tester	p12	375/Sep 11##
Neil Ward	<b>1:64 Layout:</b> Hamilton MRC's NZR modular layout	p13	375/Sep 11##
Keith Collins	<b>Bridges:</b> A 1:64-scale pedestrian overbridge (includes plan and prototype photos)	p17	375/Sep 11##
	Prototype <b>Plan:</b> PWD 29719 Latrines	p24	375/Sep 11##
Original NZR contract	<b>Prototype:</b> Latrines specification, PWD 29719, 1911 (includes prototype photos)	p26	375/Sep 11##
	<b>Plan:</b> Y7309 47-1/2ft main line car verandah rails	p30	375/Sep 11##
	<b>Plan:</b> Y8554 NZR brake van verandah rails	p31	375/Sep 11##
Kevin Crosado	<b>Prototype:</b> Finer details: Verandah rails	p32	375/Sep 11##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (Brendon Lean's DC4277)	p33	375/Sep 11##
Grant Morrell photo	<b>Photo:</b> Grant's half-relief factory building ex a Phillips Models kit	p35	375/Sep 11##
Graham Dredge photo	<b>Photo:</b> Line-up of six Auckland Westie group 1:64-scale Wab locos on Stephen Smith's layout	p35	375/Sep 11##
	<b>Trade news:</b> Phillips Models takes over South Dock kits, NZ Finescale does Wb re-run, management changes at Railmaster, Glenorchy Models developing several 1:120-scale diesel locos, Shapeways offers 1:120-scale EO body, NZMR Guild releases scale plan sets	p36	375/Sep 11##
Peter Ross	<b>Comment:</b> Lessons from a devil's food cake	p37	375/Sep 11##
Greg Keay	<b>Review:</b> <i>Last train to Paradise: Journeys in the golden age of New Zealand Railways</i> , Graham Hutchins	p37	375/Sep 11##
Kevin Crosado	<b>Review:</b> <i>Modelling trees part one – broadleaf trees</i> by Gordon Gravett	p39	375/Sep 11##
Kevin Crosado	<b>Review:</b> <i>St Merryn – What we did and how we did it</i> , South London Area Group, Scalefour Society	p39	375/Sep 11##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i>	p39	375/Sep 11##
	<b>Postbag:</b> Station shelters	p40	375/Sep 11##
John Joyce photo	<b>Photo:</b> Ea locomotives being trialled on a Lyttelton passenger train passing Opawa shelters, 1968	p40	375/Sep 11##
Peter Hodge photo	<b>Photo:</b> Austin 7 bush jigger off track at Pokaka, 1951	p41	375/Sep 11##
Graham Radcliffe photo	<b>Photo:</b> 50ft guard's van F560 showing end railings	p41	375/Sep 11##

Kevin Crosado	<b>Techniques:</b> Carpeting my tunnels (tunnel lining)	p46	375/Sep 11##
Kevin Crosado photos	<b>Photos:</b> 1:34-scale model of C857 built by Paul Berntsen and weathered by Raoul Quinn	Back	375/Sep 11##
Peter Ross photo	<b>Photo:</b> Brendon Lean's 1:64-scale Dj3476 works a country yard.	Cover	376/Dec 11##
Kevin Crosado photos	<b>Journal Jewels:</b> Darryl Palmer's 1980s Auckland <i>CityRail</i> cars ex OnLine kits	p2	376/Dec 11##
Peter Ross photo	<b>Photo:</b> A 1:76-scale Hornby 0-4-0T Pug on Robin Phillip's <i>Merrijigs</i> layout.	p3	376/Dec 11##
Neil Ward	<b>Locomotivory:</b> Designing a 1:64-scale Dsa kitset.	p4	376/Dec 11##
David Halfpenny	<b>Tools:</b> How to draw scale plans from photographs	p6	376/Dec 11##
David Halfpenny	<b>Plan:</b> Goodman battery electric locomotive, Pukemiro (drawn from photos)	p9	376/Dec 11##
Kevin Crosado	<b>Prototype:</b> The NZCDC Goodman locomotive (NZ Co-operative Dairy Co, 1922)	p10	376/Dec 11##
Robin Phillips	<b>1:76 Layout:</b> The Merrijigs sawmill	p13	376/Dec 11##
Keith Collins	<b>Trackwork:</b> Railway curves—cant or superelevation (how much and how to)	p18	376/Dec 11##
Peter Ross photos	<b>Techniques:</b> Plastic fantastic Dj—detail shots of Brendon Lean's styrene Dj body during building	p20	376/Dec 11##
Les Downey	<b>Perspective:</b> A lifetime of NZR modelling—part one	p22	376/Dec 11##
	<b>Plan:</b> GST/TST class container	p24	376/Dec 11##
	<b>Plan:</b> GSY container	p25	376/Dec 11##
Kevin Crosado	<b>Prototype:</b> Domestic box containers (GST/TST/GSY)	p26	376/Dec 11##
Juliet Scoble	<b>Station File:</b> Wallaceville (on the Wellington – Upper Hutt line)	p29	376/Dec 11##
Graeme McClare photos	<b>Sights of the seventies:</b> NZCDC Te Rapa Goodman (in colour)	p33	376/Dec 11##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (Barry Norman plywood beams)	p33	376/Dec 11##
	<b>Trade news:</b> The Model Company reissues their 1:34 F kit, Von Strapp Forgings releases various trackwork components, Phillips Models announces track powered lighting kits.	p37	376/Dec 11##
Peter Ross	<b>Comment:</b> Thoughts on a New Zealand-flavoured layout	p37	376/Dec 11##
Terry Bradley	<b>Report:</b> Pokaka 2011.	p37	376/Dec 11##
	<b>News:</b> 2012 NZAMRC convention, <i>Model Railroad News</i> ceases publication		
	<b>Obituary:</b> Rayner Dixon (Guild founder member), 1930 – 2011,		
	<b>Obituary:</b> John Irwin Parker (San Juan Models), 1946 - 2011.	p38	376/Dec 11##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i>	p39	376/Dec 11##
Kevin Crosado	<b>Review:</b> <i>Mountain Railroad Modelling</i> by Tony Koester	p38	376/Dec 11##
Alan Curtis	<b>Review:</b> <i>The NZR Steam Locomotive</i> by Sean Millar	p40	376/Dec 11##
	<b>Postbag:</b> Station shelters	p40	376/Dec 11##
Peter Ross	<b>Tools:</b> Get more from your digital camera – part two camera technicalities	p45	376/Dec 11##
Peter Hodge photo	<b>Photo:</b> Austin 7 bush jigger off track at Pokaka, 1951	p41	376/Dec 11##

Peter Ross photos	<b>Photos:</b> 1:64-scale model of Dj3476 built and weathered by Brendon Lean	Back	376/Dec 11##
Barry Fitzgerald photo	<b>Photo:</b> Barry's Heisler No.3 and wagons in an upper Rangitata setting.	Cover	377/Mar 12##
Graham Dredge photos	<b>Journal Jewels:</b> Night scenes on Graham Dredge's layout	p2	377/Mar 12##
Graham Dredge photo	<b>Photo:</b> Graham Dredge's loco depot by night.	p3	377/Mar 12##
Ian Watson	<b>1:160 Layout:</b> <i>Glenkomish 2: an impression of New Zealand's railways in 1:160 scale.</i>	p4	377/Mar 12##
Mark Dalrymple	<b>Weathering:</b> Wood siding weathering	p7	377/Mar 12##
Peter Ross	<b>Tools:</b> Get more from your digital camera – part three taking great pictures	p9	377/Mar 12##
Pete Smith	<b>Electrics:</b> Improved diode matrix route control	p14	377/Mar 12##
Ken Lankshear	<b>Hints and tips:</b> Of drums and decals	p17	377/Mar 12##
Colin Barry	<b>Our Heritage:</b> Original Middleton yard (Brittenden Collection photos)	p18	377/Mar 12##
Les Downey	<b>Perspective:</b> A lifetime of NZR modelling—part two	p20	377/Mar 12##
NZRLS archives	<b>Plan:</b> Opaki overbridge – Bridge 78A Wairarapa Line	p24	377/Mar 12##
Kevin Crosado	<b>Plans, text and photos:</b> Bridge 78A Wairarapa Line	p26	377/Mar 12##
Graham Dredge	<b>Electrics:</b> Lighting up – lighting for model motor vehicles	p35	377/Mar 12##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (art print backscene)	p33	377/Mar 12##
	<b>Trade news:</b> Railmaster Exports T loco kit, OnLine to sell, Woodworks takes over Ninemill Products, North Yard now has website, Glenorchy Models and Phillips' Models both offer RTR, Bendigo Rail Models releases GM G8 in HO, Backwoods Miniatures announces 1:48 Gamman's tram look-alike.	p38	377/Mar 12##
Peter Ross	<b>Comment:</b> Time to connect the dots (NZR modelling needs plastic kits)	p39	377/Mar 12##
	Happy shoppers: FINI air compressor, Tamiya light-curing putty	p40	377/Mar 12##
	<b>Obituary:</b> Robin William Sutherland, Graham Baker, Phillip Charles Cooke.	p40	377/Mar 12##
	News: 2012 NZAMRC convention, NZR goes Stateside, Woodland Scenics fire, Creative Master (Hong Kong) goes belly up, Hornby profit warning, Ian Allan magazines sold, RMweb sold, <i>Model Railroad News</i> back in print.	p40	377/Mar 12##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i> (Ian Galbraith moves to Rangiora)	p41	377/Mar 12##
Kevin Crosado	<b>Review:</b> <i>KiwiRail Locomotives and Rolling Stock Register</i> , compiled by <i>NZ Railfan</i>	p43	377/Mar 12##
Kevin Crosado	<b>Review:</b> <i>Realistic Colour for Railroad Modelling</i> by Troels Kirk	p43	377/Mar 12##
Robin Knight	<b>Postbag:</b> Thoughts on E66	p44	377/Mar 12##
Brian Pearce	<b>Postbag:</b> Wallaceville Station (photos p 43)	p44	377/Mar 12##
Kevin Crosado photos	<b>Weathering:</b> Grant Morrell built, painted, decaled and weathered a 1:64-scale Bc bulk powder wagon	Back	377/Mar 12##
Kevin Crosado photo	<b>Photo:</b> Mark Dalrymple's prize winning <i>P&amp;D Duncan Tap &amp; Die Company</i>	Cover	378/Jun 12##



Terry Bradley photos	<b>Journal Jewels:</b> Peter Hodge's <i>Ninemill Valley Tram</i>	p2	378/Jun 12##
Peter Ross photo	<b>Photo:</b> Allen Hare's <i>Black Stag Lumber Company</i>	p3	378/Jun 12##
Peter Ross	<b>1:64 Layout:</b> One Track Minds at the 2011 Big Little Train Show	p4	378/Jun 12##
Grant Fletcher	<b>Car &amp; wagon:</b> Napier Trams—part one	p8	378/Jun 12##
Peter Ross	<b>Report:</b> Wellington Convention in retrospect	p12	378/Jun 12##
Kevin Crosado	<b>Photos:</b> Convention 2012 competitions	p17	378/Jun 12##
Les Downey	<b>Perspective:</b> A lifetime of NZR modelling—part three	p22	378/Jun 12##
	<b>Plan:</b> UDA and UDK container well wagons	p24	378/Jun 12##
Kevin Crosado	<b>Plans, text and photos:</b> Container well wagons	p26	378/Jun 12##
Chris Bradley	<b>Sixties Style:</b> Ikamatua Sawmills Ltd	p30	378/Jun 12##
Jason Horne	<b>Electrics:</b> Realistic operation for motor vehicles	p32	378/Jun 12##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (Jason McFadden's Blackball mine manager's house)	p36	378/Jun 12##
	<b>Locomotivory:</b> Headstock striping	p35	378/Jun 12##
	<b>Trade news:</b> Phillips Models acquires Railmaster and Classic Line, Mark's Model Works Mini-Me-Wagons and Micro Module World (1:120 etched wagon kits/module ends), Evan Gardner (ironwork for 1:48 L wagons), Glenorchy Models (etched 1:34-scale locomotive kits), Archer Fine Transfers (rivet decals).	p37	378/Jun 12##
	News: TrainZ12, Digital Westlake annuals, Evergreen sold, Atlas closes forums, Hornby profits steady, Bachmann owner records loss, Sid Stubbs tribute, Pokaka Cultural Convocation	p38	378/Jun 12##
Peter Ross	<b>Comment:</b> On progressing in a finescale direction	p39	378/Jun 12##
	<b>Reviews:</b> 1:120 Mini-Me-Wagons sheep wagon underframe (Rhys Batchelor), <i>Penrhyn Quarry Railway Modeller's Guide</i> (Greg Keay), <i>Voie Libre</i> in English (Kevin Crosado)	p40	378/Jun 12##
	<b>Report:</b> Wairarapa words, news from the <i>Matarawa Halt</i> (Grant Morrell builds styrene Garratt)	p41	378/Jun 12##
	<b>Postbag:</b> Stewart Handley seeks information on Dunedin Limestone train Las, Paul Smith seeks plans for 80ft lattice girder bridge etchings	p43	378/Jun 12##
	Competition results NZAMRC 2012 convention	p44	378/Jun 12##
Grant Morrell photos	<b>Photos:</b> Allen Hare's <i>Black Stag Lumber Company</i> convention tour layout	Back	378/Jun 12##
Peter Ross photo	<b>Photo:</b> Bryan Lawrence and Wayne Williams' models of <i>Peveiril &amp; Ivanhoe</i> outside the Lyttelton roundhouse. 379/Sep 12##		Cover
Ray Foot photos	<b>Journal Jewels:</b> Ray Foot's 1:87 part-scratchbuilt styrene models of a Car Haulaways B train car transporter and a Kirby's articulated furniture removals van.	p2	379/Sep 12##
Peter Ross photo	<b>Photo:</b> Barry Fitzgerald's water tanks	p3	379/Sep 12##
Barry Fitzgerald	<b>Structures:</b> Practice Piece: an early style NZR tank stand (includes plan)	p4	379/Sep 12##
Bryan Lawrence/Wayne Williams	<b>Added detail:</b> Make a simple water column (Lyttelton prototype)	p10	379/Sep 12##

Wayne Haste	<b>Car &amp; wagon:</b> An NZR van for the garden (30ft to BP3866)	p12	375/Sep 11##
Grant Fletcher	<b>Car &amp; wagon:</b> Napier Trams—part two	p14	379/Sep 12##
Kevin Crosado photos	<b>Eye on the Eighties:</b> The Waitakere turntable (50ft)	p18	379/Sep 12##
Peter Ross	<b>Locomotivery:</b> Smooth running steam locos—part four	p20	379/Sep 12##
	<b>Plan:</b> Class W insulated wagon	p24	379/Sep 12##
Kevin Crosado	<b>Text and Photos:</b> The last W wagons	p26	379/Sep 12##
Chris Bradley	<b>Sixties Style:</b> Ikamatua Sawmills Ltd—part two	p30	379/Sep 12##
Wayne Williams/Peter Ross	<b>Added detail:</b> Towards a better hand grab	p32	375/Sep 12##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (John Dudson converts Oxford Austin taxi to Austin 10 tourer, Barry Fitzgerald weathers 50ft car).	p36	379/Sep 12##
	<b>Trade news:</b> Mini Building Creations ceases, Scenery Unlimited Miracle Chair Co kitset, C&L Finescale absorbs Exactoscale.	p37	379/Sep 12##
	<b>News:</b> Guild now has Facebook page, Pokaka Cultural Convocation, Stratford-Okahukara scenic tours, AMRA 2013, Hornby expects to break even, MTH sells S Helper Service.	p37	379/Sep 12##
George Gardner/Trevor Cheer	<b>Obituary:</b> Edward Ross Hughes	p38	379/Sep 12##
	<b>Reviews:</b> <i>Modelling Trees—part two</i> by Gordon Gravett (Kevin Crosado), <i>Modern Locomotives Illustrated</i> , Issue 195, <i>The Small Shunters—excluding BR designs</i> (Greg Keay).	p39	379/Sep 12##
Peter Ross	<b>Comment:</b> Reflections on a visit to dear old Blighty.	p39	379/Sep 12##
Alec Fenton	<b>Report:</b> Westie NZR modellers learning CAD drawing.	p40	379/Sep 12##
Chris Bradley photos	<i>Ivanhoe &amp; Peveril</i> on the Lyttelton turntable, October 1973, Ab718 Mt Somers branch, 1967	p40	379/Sep 12##
	<b>Report:</b> Wairarapa Words, Grant Morrell builds 1:34 Xa wagon.	p41	379/Sep 12##
Mike Hamilton photo	<b>Photo:</b> Forgotten World Adventures rail cart emerging from tunnel number 3 near Whangamomona.	p42	379/Sep 12##
Archives NZ	<b>Plan:</b> Bush tramway crossing bush tramway, near Pokaka.	p43	379/Sep 12##
	<b>Postbag:</b> Chris Bradley on the order of F class 'twins' <i>Ivanhoe &amp; Peveril</i>	p44	379/Sep 12##
Graham Dredge photos	<b>Locomotivery:</b> Lexi Brown's 1:64-scale model of WMR 2-8-2 No.17, later NZR Bc463.	Back	379/Sep 12##
Kevin Crosado photo	<b>Photo:</b> 1:34-scale Davidson lokey built by Paul Berntsen, weathered by Brian Eastergaard.	Cover	380/Dec 12##
Peter Ross photos	<b>Journal Jewels:</b> Barry Fitzgerald's Tr15 and Q wagon plus nodding thistle flaxes.	p2	380/Dec 12##
Kevin Crosado photo	<b>Photo:</b> Davidson driver and lokey.	p3	380/Dec 12##
Paul Berntsen	<b>Locomotivery:</b> Workin' on the chain gang ... a 1:34-scale Davidson lokey (includes Davidson data)	p4	380/Dec 12##
Brian Eastergaard/Kevin Crosado	<b>Weathering:</b> Bringing the Davidson to life	p9	380/Dec 12##
Alec Fenton/Kevin Crosado	<b>Locomotivery:</b> DH revisited	p11	380/Dec 12##
Adrian Howard	<b>Structures:</b> Scratchbuilding a cardboard icon (Fleming's Mill Gore)	p12	380/Dec 12##

Grant Fletcher	<b>Car &amp; wagon:</b> Napier Trams—part three	p14	380/Dec 12##
Ian Hammond/Mike Boutle	<b>Structures:</b> The builders move in—part one (Kopikopiko Freezing Co)	p17	380/Dec 12##
Robin Knight	<b>Locomotivity:</b> Pantographs	p20	380/Dec 12##
Kevin Crosado	<b>Text and Photos:</b> Class P three-box hopper wagons (includes wagon numbers)	p23	380/Dec 12##
	<b>Plan:</b> Class P hopper wagon, drawing 5375 and 5373	p28	380/Dec 12##
Jack Creber/Weston Langford	<b>Sixties Style:</b> Northland lime trains	p30	380/Dec 12##
Paul Mahoney	<b>Rail history:</b> Black brothers [bush tramway], Okarito (includes lokey plan)	p32	380/Dec 12##
Les Downey	<b>Hints and tips:</b> What to do when there's no room for your test track	p34	380/Dec 12##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group (Brendon Lean adds details to Kevin Leigh UK wagon kit).	p35	380/Dec 12##
Terry Bradley	<b>Report:</b> The 28 <sup>th</sup> Pokaka cultural convocation.	p36	380/Dec 12##
	<b>Trade news:</b> NZ Finescale, Christchurch Model Supplies, Humbrol, 2012 Westlake Modeler's Annual, Athearn back in production, LGB developments.	p38	380/Dec 12##
	<b>Happy shopping:</b> Low cost height gauge, Alclad II metal finish.	p39	380/Dec 12##
Peter Ross	<b>Comment:</b> Your <i>Journal</i> needs you	p39	380/Dec 12##
Peter Ross	<b>Report:</b> TrainZ 2012	p39	380/Dec 12##
Peter Ross/Kevin Crosado	<b>Obituaries:</b> Allen John Wells, Alan Morton Spencer.	p40	380/Dec 12##
	<b>Report:</b> Wairarapa Words, <i>Kerosine Creek</i> visits Auckland, Grant Morrell store fronts and lawnmower	p41	380/Dec 12##
	<b>Review:</b> <i>Reflections on Charming Creek – mills, mines, tramways and walkways of a pioneering West Coast enclave</i> by Bill Prebble (Greg Keay).	p41	380/Dec 12##
	Train Advices	p42	380/Dec 12##
	<b>Postbag:</b> Nelson Kennedy re 1:34-scale underframes; Daniel van Kanel, update on modelling in Canada.	p43	380/Dec 12##
Paul Berntsen photos	Member's ad: Paul Berntsen's 1:43 2ft gauge layout for sale.	p43	380/Dec 12##
Les Downey photos	<b>Locomotivity:</b> Non-working 1:64-scale model of Ja1280 based on JG kit.	Back	380/Dec 12##
Peter Ross photo	<b>Photo:</b> On Line Ab722 on John Dudson's One Track Minds module <i>Kakariki</i>	Cover	381/Mar 13##
Kevin Crosado photos	<b>Journal Jewels:</b> Grant Morrell's <i>Nightrunner</i> decalced ZA wagon	p2	381/Mar 13##
Kevin Crosado photo	<b>Photo:</b> Alec Fenton's models of DC4415 and DA512	p3	381/Mar 13##
Keith Rimmer	<b>1:148 Layout:</b> <i>Te Kereru</i> : a Coromandel Peninsula gold mine in 1:148 scale	p4	381/Mar 13##
Jack Creber photos	<b>50s Focus:</b> Green days at Portland – Portland Peckett No 2, Avonside Nos 7 (formerly PWD508) and 9	p10	381/Mar 13##
Neil Ward	<b>Techniques:</b> Why plastic and why 1:34 scale? – developments in rapid prototyping/3D printing)	p12	381/Mar 13##
Kevin Crosado photos	<b>Locomotivity:</b> DC4415 in 1:64 scale – etched and rapid prototyped model details	p17	381/Mar 13##
Graham Dredge	<b>Electrics:</b> Lighting up my loco shed – LEDs and light strips	p18	381/Mar 13##
Craig Guthrie	<b>Electrics:</b> Making a static grass applicator	p21	381/Mar 13##

Darryl Palmer	<b>Car &amp; wagon:</b> BKC wagons – Kaipara Co-op Dairy Co containers	p23	381/Mar 13##
	<b>Plan:</b> Class UBP bulk plaster wagon	p24	381/Mar 13##
Kevin Crosado	<b>Prototype:</b> UBP and UBK bulk plaster wagons	p26	381/Mar 13##
Paul Napier/Kevin Crosado	<b>Locomotivry:</b> Union Foundries' No 30 of 1940 (includes plan)	p31	381/Mar 13##
Ray Lantz	<b>Added detail:</b> Making fiddly bits – leaf springs	p34	381/Mar 13##
David Batchelor photos	<b>Perspective:</b> Pikipiki Tramways remembered – Merv Smith layouts retrospective	p36	381/Mar 13##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – photo EWR wagon in styrene	p37	381/Mar 13##
John Agnew/Paul Woods photos	<b>Trade news:</b> Railmaster Exports Baldwin T kit, Woodworks' 1:24 and 1:34 NZR couplers, Mark's Model Works one-piece four wheel wagon chassis	p38	381/Mar 13##
	<b>Happy shopping:</b> Rivet decals, Faller trees, MRC sound controller	p39	381/Mar 13##
Graham Dredge	<b>Report:</b> K9 run with the Westies – Nine 1:64-scale K and Ka locos get together	p41	381/Mar 13##
	<b>Report:</b> Wairarapa Words – Grant Morrell power poles and <i>Railfreight Z</i> wagon	p41	381/Mar 13##
Peter Ross	<b>Comment:</b> Thoughts on the perfect layout	p39	381/Mar 13##
	<b>Obituary:</b> William (Bill) Roderick Richmond	p42	381/Mar 13##
Greg Keay	<b>Reviews:</b> <i>Parker's guide to over 30 model railway products you can build; How to build a model railway</i>	p43	381/Mar 13##
	Train Advices	p42	381/Mar 13##
Peter Ross photos	<b>1:64 Layout:</b> Two scenes on the One Track Minds layout at the 2012 Big Little Train Show – John Dudson's <i>Red Swamp</i> and Jason Horne's <i>Oaro</i>	Back	381/Mar 13##
Kevin Crosado photo	<b>Locomotivry:</b> Close-up of cab area of Alec Fenton's 1:64-scale model of 'Super DA 512'	Cover	382/Jun 13##
Peter Ross photos	<b>Journal Jewels:</b> J3813 built by Peter Ross from a finescale Alec Fenton/Neville Connew kit	p2	382/Jun 13##
E J McClare photo	<b>Photo:</b> Aa654 at Ohakune, January 7, 1953	p3	382/Jun 13##
Graham Dredge	Electrics/ <b>Scenicking:</b> Lighting up buildings (using LEDs)	p4	382/Jun 13##
Darryl Palmer	<b>1:64 Layout:</b> A slice of heaven	p7	382/Jun 13##
Jim Staton	<b>Plan, text and photos:</b> Blackwater school	p12	382/Jun 13##
Russell Smith	<b>Locomotivry:</b> No17, you be a nice looking loco (Brooks Ub)	p17	382/Jun 13##
Ray Lantz	<b>Techniques:</b> Making fiddly bits—appliqué rivets	p20	382/Jun 13##
Les Downey	<b>Road vehicles:</b> An elderly truck (Ford AA from Matchbox MB73)	p22	382/Jun 13##
Kevin Crosado/Graeme McClare	<b>Plan and text:</b> Class Aa locomotive as rebuilt 1940 - 42	p24	382/Jun 13##
	<b>Plans:</b> X12985 Aa cab arrangement	p26	382/Jun 13##
	<b>Plans:</b> X12983 Aa tender tank and bunker arrangement	p27	382/Jun 13##
	<b>Plans:</b> X211685 Aa tender tank ladder	p28	382/Jun 13##
E J McClare photos	<b>Locomotivry:</b> Photographs and extended captions, Aa locomotives as rebuilt	p29	382/Jun 13##

Kevin Crosado	<b>Locomotivery/Plan, Photos and text:</b> PWD Planet 40hp 4wPM locos	p34	382/Jun 13##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – photo Brendon Lean's full size track plan	p37	382/Jun 13##
Darryl Palmer/North Yard photos	<b>Trade news:</b> Mark's Model Works 1:64 one-piece four wheel wagon chassis, North Yard patterned brass sheets, Station Rd HEC bulk grain container	p38	382/Jun 13##
Peter Ross	<b>Comment:</b> The times they are a changin'	p39	382/Jun 13##
Bryan Lawrence photos	Scenes from TrainZ 2012	p40	382/Jun 13##
	<b>Report:</b> Wairarapa Words – Grant Morrell scratchbuilds a batch of 20 J class sheep wagons	p41	382/Jun 13##
	Train Advices	p42	382/Jun 13##
	<b>Happy shopping:</b> Small engineers' square, Blue Point turnout controller, Carr's ballast, WoodsWorks, The Train Depot	p43	382/Jun 13##
Peter Dyer photos	UKC coal container wagons	p44	382/Jun 13##
Kevin Crosado photos	<b>Locomotivery:</b> Both sides of Alec Fenton's 1:64-scale model of 'Super DA 512'	Back	382/Jun 13##
Kevin Crosado photo	<b>Locomotivery:</b> Paul Berntsen-built Ww486 seen at Pokaka 2012	Cover	383/Sep 13##
Graham Dredge photos	<b>Journal Jewels:</b> 1:64-scale model of the pioneering MacEwan Pratt railcar	p2	383/Sep 13##
Andy Neilsen photo	<b>Photo:</b> Dsc2680 on Ken Devlin's <i>Leith Valley</i> layout	p3	383/Sep 13##
Andy Neilsen	<b>1:64 Layout:</b> Ken Devlin's <i>Leith Valley</i> locos: an update	p4	383/Sep 13##
John Pudsey	<b>Tools:</b> Build a high speed drill press	p10	383/Sep 13##
Graham Dredge	<b>Electrics:</b> Lighting up – a blinking Fm van (and decoder installation tips)	p11	383/Sep 13##
Spencer Lawry	<b>Structures:</b> Sliding railway yard gates	p15	383/Sep 13##
Archives NZ/Les Hostick/Jack Creber	<b>50s Focus:</b> Pokaka	p18	383/Sep 13##
Wayne Brindle	<b>Locomotivery:</b> Converting a Bachmann Climax tp 1:64 scale	p20	383/Sep 13##
Les Downey	<b>Hints and tips:</b> To clamp or not to clamp (a range of clamps and their usefulness to the modeller)	p22	383/Sep 13##
Kevin Crosado/Archives NZ	<b>Plan, photos and text:</b> PWD9455 Standard drawing 18-stall engine shed, roundhouse pattern	p24	383/Sep 13##
Bruce Geange	<b>Locomotivery:</b> Building an O-gauge TTT Co Mallet locomotive	p33	383/Sep 13##
Ray Lantz	<b>Techniques:</b> Making fiddly bits -- benchwork	p35	383/Sep 13##
E J McClare photos	<b>Locomotivery:</b> Photographs and extended captions, Aa locomotives as rebuilt	p29	383/Sep 13##
Kevin Crosado	<b>Locomotivery/Plan, Photos and text:</b> PWD Planet 40hp 4wPM locos	p34	381/Sep 13##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – photo Jason Horne's model of Ec7	p37	381/Sep 13##
Darryl Palmer/Mark Andrews/ Paul Woods photos	<b>Trade news:</b> Station Road (NA/NH wagon kits), Mark's Model Works (10ft underframe etch), Woodsworks (1:24 and 1:34 NZR couplers), Scenery Unlimited (new catalogue), Aristo-Craft and Finescale Miniatures to close, <i>Weathering Magazine</i> threatened	p38	383/Sep 13##

Peter Ross	<b>Comment:</b> Fair play or foul? (GST and customs charges on online imports)	p39	383/Sep 13##
	<b>Happy shopping:</b> Red Devil Onetime Spackling (lightweight filler), Warrior brand hobby vice, You Shop, Grandt Line nut/bolt/washers, Gapmaster etched PCB sleepers	p39	383/Sep 13##
Peter Ross	<b>Report:</b> Arthur's Pass 2013	p40	383/Sep 13##
	<b>Report:</b> Wairarapa Words – Grant Morrell, Don Wills and Darryl Palmer modelling weekend, etched bicycle, annual train show	p41	383/Sep 13##
	<b>Train Advices</b>	p42	383/Sep 13##
Kevin Crosado	<b>Review:</b> <i>NZR Stand Alone Mechanical Signal Boxes of the HJ Wynne Era 1900-1929</i>	p43	383/Sep 13##
Paul Woods	<b>Postbag:</b> 'Right' technology	p44	383/Sep 13##
Kevin Crosado photos	<b>Locomotivery:</b> Paul Berntsen's model of Ww486 with some of the detailing explained	Back	383/Sep 13##
Kevin Crosado photo	<b>Locomotivery:</b> Darryl Palmer's model of DA535 photographed on Alec Fenton's Kaipara Flats overbridge	Cover	384/Dec 13##
Alec Fenton photos	<b>Journal Jewels:</b> Littlewood kit J wagons + future AKF Kp on Alec Fenton's Kaipara Flats overbridge	p2	384/Dec 13##
Spike Dodds photo	<b>Locomotivery:</b> G57 close up.	p3	384/Dec 13##
John Pudsey	<b>Locomotivery:</b> Building a Black Hawthorn G: some notes on an award winner	p4	384/Dec 13##
Greg Keay	<b>Report:</b> 1:120-scale NZ modelling update	p8	384/Dec 13##
Stuart Walker	<b>Structure:</b> Fleming's mill -- Invercargill	p12	384/Dec 13##
Peter Ross	<b>Locomotivery:</b> What size is that pipe? (typical diameters of steam locomotive plumbing)	p15	384/Dec 13##
Graham Dredge	<b>Electrics:</b> Lighting up – the end of the train (using LEDs)	p16	384/Dec 13##
Kevin Crosado	<b>Photos, plans and text:</b> X4728 Standard side and tail lamps	p19	384/Dec 13##
Les Downey	<b>Hints and tips:</b> From trash to treasure (storage for wire and brass strips)	p22	381/Sep 13##
Gavin Sowry	<b>1:64 Layout:</b> <i>Glen Road</i> (slightly less than one foot square)	p23	384/Dec 13##
NZ Archives <i>et al</i>	<b>Plans and photos:</b> G-class 4-4-0T locomotive	p24	384/Dec 13##
Kevin Crosado	<b>Locomotivery:</b> Drg 1926A G-class 4-4-0T locomotives	p26	384/Dec 13##
Wayne Brindle	<b>Car &amp; wagon:</b> 1930s private-owner tank wagons (includes signwriting diagrams and DIY decals)	p30	384/Dec 13##
Trevor James	<b>Perspective:</b> <i>Trains in the Tron:</i> the [upcoming] 2014 convention (+ sidebar on Lace Mindheim)	p34	384/Dec 13##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – photo Brendon Lean's 1:64 Ug wagon in styrene	p37	384/Dec 13##
Mark Andrews/Graham Dredge photos	<b>Trade news:</b> Mark's Model Works (1:64-scale B-class Fairlie brass etchings), Westimation (\$3 packs of electronics components, resistor board, new FX modules, etc), QSI restructured, Hornby losses	p38	384/Dec 13##
Peter Ross	<b>Comment:</b> On getting things done	p39	384/Dec 13##
	<b>Happy shopping:</b> Kyosho and Tomica Vintage diecast cars, laser-cut structure kits, Micro Mark bristle discs, Maillefer rotary burrs	p40	384/Dec 13##

Kevin Crosado/Peter Ross photos	<b>Report:</b> Pokaka 29 – maybe the last cultural convocation at milepost 333	p41	384/Dec 13##
	Train Advices	p42	384/Dec 13##
Greg Keay	<b>Review:</b> <i>Trains, Tunnels, Bridges: Icons of Our NZ Rail History</i>	p44	384/Dec 13##
Kevin Crosado photos	<b>Photos:</b> 1:64-scale <b>Layout:</b> Trains photographed at Pokaka 2013 on Alec Fenton's <i>North Auckland Line</i> module	Back	384/Dec 13##
Peter Ross photo	<b>Locomotivory:</b> Brendon Lean's scratchbuilt model of DC4277	Cover	385/Mar 14##
Grant Morrell photos	<b>Journal Jewels:</b> Don Wills' Kiwi-ised 1:64-scale Vanguards Leyland Comet	p2	385/Mar 14##
Kevin Crosado photo	<b>Locomotivory:</b> Hudswell Clarke D602 of 1936 shunting at Motat	p3	385/Mar 14##
Brendon Lean	<b>Locomotivory:</b> Build your own diesels from styrene	p4	385/Mar 14##
Darryl Palmer	<b>Car &amp; wagon:</b> Wheel wagon EAR73	p8	385/Mar 14##
Ken Lankshear	<b>Lineside:</b> Small town shop	p11	385/Mar 14##
Wilson Lythgoe/Peter Ross	<b>Plan and photos:</b> A railway you could model: The Glen Afton Branch c1965 (includes yard plans)	p12	385/Mar 14##
Greg Keay/Robin Knight/ Les Downey/Darryl Palmer	<b>Locomotivory:</b> A tale of three small locos (Hudswell Clarke Type D29 of 1936, includes plans)	p18	385/Mar 14##
Kevin Crosado/Graham Bell	<b>Photos, plans and text:</b> NK wagons – the final four wheelers	p24	385/Mar 14##
Ray Lantz	<b>Hints and tips:</b> Making fiddly bits – architectural louvres	p30	385/Mar 14##
Graham Dredge	<b>Electrics:</b> What the Westies are up to: the great signalling project, part 1	p32	385/Mar 14##
Les Downey	<b>Hints and tips:</b> Whose wagon is that anyway? (Adding an identifying label to your models)	p34	385/Mar 14##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – "old" NZR sign, G wagon underframe, scratchbuilt Wf loco, Wa body repairs	p36	385/Mar 14##
Mark Andrews/Graham Dredge	<b>Trade news:</b> Mark's Model Works (additional underframe etches), Westimation (level crossing flasher and photos bell sound module), Woodsworks (now producing 1:34-scale JG Wa loco kit)	p37	385/Mar 14##
	News: Guild AGM notice, Hamilton Convention programme, NZR in British magazine, <i>British Railway Modelling</i> has new editor, George Selios (Finescale Miniatures) not retiring after all, new Athearn owners	p38	385/Mar 14##
	<b>Obituary:</b> Eric Frederic Burns, 24 July 1922 – 6 January 2014	p39	385/Mar 14##
Peter Ross	<b>Comment:</b> No man is an island entire of itself ...	p39	385/Mar 14##
	<b>Happy shopping:</b> Vacuum forming machine, scrawker, sound decoder suppliers, diecast Karmann Ghia and fire engine, <i>Steam Locomotives</i> by Iain Rice, <i>Kit Building for Railway Modellers</i> by George Dent, useful padding material.	p40	385/Mar 14##
	<b>Train Advices:</b> Coming events	p42	385/Mar 14##
Peter Ross	<b>Report:</b> Show Weekend in Blackball	p43	385/Mar 14##
Darryl Palmer	<b>Review:</b> Cross Creek UBW kitset	p43	385/Mar 14##

Bryan Lawrence photos	<b>Postbag:</b> Paul Andersen-Gardiner seeks information about carriages at Te Aute c1887 <b>Locomotivery:</b> Portraits of Kelvin Barry-built JG kitset locos, Ja1267 and J1211	p45 Back	385/Mar 14## 385/Mar 14##
Barry Fitzgerald photo	<b>Locomotivery:</b> Barry Fitzgerald's best-in-show Heisler pictured on his layout	Cover	386/Jun 14##
Graham Dredge photos	<b>Journal Jewels:</b> Graham Dredge's Model T railcar ex an Ironhorse Hobbies kit.	p2	386/Jun 14##
Grant Morrell photo	<b>Locomotivery:</b> The front engine unit of Grant Morrell's G class Garratt	p3	386/Jun 14##
Grant Morrell	<b>Locomotivery:</b> The 1:64-scale NZR G-class Garratt build (step-by-step from the JG kit)	p4	386/Jun 14##
Kevin Leigh/Brendon Lean	<b>Car &amp; wagon:</b> The UK wagon: once it was the highsider that ruled the rails, now it is the no-sider	p8	386/Jun 14##
Peter Ross	<b>Report:</b> Hamilton convention 2014	p12	386/Jun 14##
Graham Dredge	<b>Car &amp; wagon:</b> Very rare NZR kits? (The Ironhorse Hobbies Model T railcar and trailer)	p22	386/Jun 14##
KiwiRail	<b>Plan:</b> UKH general-purpose flat-deck container wagon	p24	386/Jun 14##
Soren Low	<b>Plan, text and photos:</b> UKH wagons	p26	386/Jun 14##
Tim Parkinson	<b>Operation:</b> Why run trains? (NZR layout with car-card system)	p30	386/Jun 14##
Trevor James	<b>Scenicking:</b> Trevor James' cabbage trees and ferns	p35	386/Jun 14##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – etched brass DH, realistically finished USL wagon, expertly weathered La wagon, neat bolt details on Vb wagon, R wagon fitted with tarpaulins	p36	386/Jun 14##
John Agnew	<b>Photo:</b> A scene on the late Paul Scoles' Pelican Bay Railway & Navigation Co layout	p37	386/Jun 14##
Lawrence Boul	<b>Trade news:</b> NZ Finescale Fell van kit, website upgrade.	p37	386/Jun 14##
	<b>News:</b> TrainZ14; future NZAMRC conventions	p37	386/Jun 14##
	<b>Obituary:</b> Vale Paul Scoles	p38	386/Jun 14##
	<b>Happy shopping:</b> Ados GreenStik, LED desk lamp, blowtorch, magnifying safety glasses, Glowire, Dye'n'shine, Model Railroad Hobbyist magazine	p38	386/Jun 14##
Peter Ross	<b>Comment:</b> Togetherness: it's fun ... and productive	p39	386/Jun 14##
	<b>News:</b> Hornby loss, Vollmer shuts doors, Model Power-Mantua hits buffers	p39	386/Jun 14##
Peter Ross	<b>Report:</b> Arthur's Pass 2014	p40	386/Jun 14##
Peter Ross	<b>Hints &amp; tips:</b> Soldering iron hints	p41	386/Jun 14##
	<b>Train Advices:</b> Coming events	p42	386/Jun 14##
Peter Ross/Kevin Crosado/Greg Keay	<b>Reviews:</b> <i>Steam Inclined: Memories of ex-Coaster Bryon Marinan</i> by Stephen Wright, "Tringamoot"— <i>The story of Taringamutu Totara Sawmills Ltd</i> by Ken Anderson and Ron Cooke, <i>Hyde &amp; Railway</i> by Gary Riggs	p43	386/Jun 14##
Mike Coghlan	<b>Postbag:</b> Dinwoodies' Mill (mill and bush tramway near Pokaka)	p45	386/Jun 14##
Barry Fitzgerald/Alex Smith photos	<b>Locomotivery:</b> Barry Fitzgerald's top-scoring 1:64 Heisler ex HO RTR model. <b>Car &amp; wagon:</b> Alex		



	Smith's 1:64 scratchbuilt Ongarue van, winner of the Guild Trophy.	Back	386/Jun 14##
Peter Ross photo	<b>Locomotivory:</b> A Model Company-built Q346 passing Eweburn on the 1:34 <i>Ida Valley</i> layout	Cover	387/Sep 14##
Kevin Crosado photos	<b>Journal Jewels:</b> Mamaku bush tram jiggers converted from 1:43-scale Fords by Paul Berntsen	p2	387/Sep 14##
Peter Ross photo	<b>1:34 Layout:</b> G99-headed train passes another goods near Eweburn on the 1:34 <i>Ida Valley</i> layout	p4	387/Sep 14##
Peter Ross	<b>1:34 Layout and track plan:</b> <i>Ida Valley:</i> A look back at one of the most notable NZR layouts to date	p5	387/Sep 14##
Graham Dredge	<b>Scenicking:</b> Asti's tree: How he made a tiny native forest diorama.	p11	387/Sep 14##
Andy Neilsen	<b>Locomotivory:</b> 1:64-scale cardboard locomotive construction, Ken Devlin style	p12	387/Sep 14##
John Le Cren photos	<b>50s Focus:</b> The 1957 Waikokopu slip	p14	387/Sep 14##
Peter Hopcroft	<b>Tools:</b> The noble piercing saw: one of the scratchbuilder's most useful tools	p16	387/Sep 14##
Graham Venning	<b>Trackwork:</b> Tracklaying master class: Part one—hand laid track	p19	387/Sep 14##
Les Frost	<b>Trackwork:</b> Keeping track noise down	p23	387/Sep 14##
Kevin Crosado/Juliet Scoble	<b>Plan, text and comprehensive photos:</b> CC wagons	p24	387/Sep 14##
Ray Lantz	<b>Scenicking:</b> Making fiddly bits: fungus, moss and lichen	p31	387/Sep 14##
	<b>Finer details:</b> Fire buckets (photos and plan Y35748)	p34	387/Sep 14##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – Ian Hammond and Hugh Daubney visit, Kevin Leigh USQ and NH wagons	p36	387/Sep 14##
	<b>Trade news:</b> North Yard diesel mechanisms, Mark's Model Works 1:76 J wagon underframe etch, NZ Finescale Q-1 and Q-4 wagon kits, Little Red Engine (aka Shapeways) detail parts for Hudswell Clarke D-29, and Leyland half-cab bus body, Glenorchy Models 1:48 diesel locomotive body etches	p37	387/Sep 14##
	<b>News:</b> Pokaka 30 info, new owner for <i>Railroad Model Craftsman</i>	p37	387/Sep 14##
	<b>Happy shopping:</b> Small lathe, Lokprogrammer cable, nut and bolt detail, double-sided tape	p39	387/Sep 14##
Peter Ross	<b>Comment:</b> <i>Unus pro omnibus, omnes pro uno:</i> all for one and one for all	p39	387/Sep 14##
Peter Ross	<b>Review:</b> <i>Stop the train I want to get on: Rediscovering NZ rail journeys</i> by Graham Hurchins	p40	387/Sep 14##
Neil Ward	<b>Photo report:</b> 3D printed cars and van, and professionally built Ka and J locos at the Hamilton train show	p40	387/Sep 14##
Grant Fletcher	<b>Postbag:</b> Model T Ford railcar (another one, with pictures)	p44	387/Sep 14##
Neil Ward photos	<b>Car &amp; wagon:</b> One piece 3D printed X25065 50ft car and Urc wagon in 1:34 scale	Back	387/Sep 14##
Kevin Crosado photo	<b>Locomotivory:</b> Paul Berntsen's 1:19 scale model of Orenstein & Koppel No.1411 <i>Bertha</i>	Cover	388/Dec 14##
Peter Ross photos	<b>Journal Jewels:</b> Two views of Alec Fenton's etched and 3D printed 30ft steel guard's van	p2	388/Dec 14##
Graham Dredge photo	<b>1:64 Diorama:</b> Glen Metcalf's 100mm square <i>Beachside Caravan</i> diorama	p3	388/Dec 14##
Graham Dredge words and photos	<b>1:64 Dioramas:</b> Twelve Square Westies, 12 Auckland Westies build 100mm-square dioramas	p4	388/Dec 14##
Paul Berntsen	<b>Locomotivory:</b> <i>Bertha</i> , a 1:19-scale Orenstein & Koppel 0-4-0WT	p7	388/Dec 14##

John LeCren photos	<b>Sights of the Seventies:</b> Kaikohe Branch	p12	388/Dec 14##
Brendon Lean	<b>Weathering:</b> The UK (and other wagons) – part 2	p14	388/Dec 14##
Graham Venning	<b>Trackwork:</b> Tracklaying master class: Part two—a simpler form of hand laid track	p19	388/Dec 14##
Stephen Duffell	<b>Trackwork:</b> A useful turntable/traverser	p22	388/Dec 14##
NZR&LS	<b>Plans:</b> OP2589/2 and OP2589/6 demountable petrol tanks for Mcp wagons	p24	388/Dec 14##
Kevin Crosado	<b>Photos, plan and text:</b> Mcp container tank wagons	p26	388/Dec 14##
Peter Ross	<b>Report:</b> 1:48 – a new scale on the block?	p32	388/Dec 14##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – overload protection bulbs, pick-up problem	p37	388/Dec 14##
	<b>Trade news:</b> Station Rd NA/NH, Right Track neon signs, NZF micro drills	p38	388/Dec 14##
Grant Morrell	<b>Report:</b> Pokaka 30	p37	388/Dec 14##
Peter Ross	<b>Comment:</b> An approach	p39	388/Dec 14##
Peter Ross	<b>Report:</b> TrainZ14	p40	388/Dec 14##
	<b>Happy shopping:</b> Lenz touchcab, LED magnifying lamp, Q-cells, Russian truck kit	p40	388/Dec 14##
	<b>News:</b> 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	388/Dec 14##
Kevin Crosado	<b>Reviews:</b> <i>Finescale Railway Modelling, Ferrymead 50</i>	p40	388/Dec 14##
Ian Jenner	<b>Postbag:</b> Erua and Mamaku	p44	388/Dec 14##
Kevin Crosado photos	<b>Locomotivery:</b> Two views of Paul Berntsen's 1:19-scale Orenstein & Koppel	Back	388/Dec 14##
Peter Ross photo	<b>Photo:</b> Daryl Roe's Dg passing Trevor Corrin's two-arm semaphore signal on the OTM layout	Cover	389/Mar 15##
Peter Ross photos	<b>Journal Jewels:</b> Two views of Daryl Roe's un-recabbed dummy Dg at AP14.	p2	389/Mar 15##
Peter Ross photo	<b>1:24 layout:</b> Ja1268 on Kerry Patterson's <i>Ashburton Forks Railway</i>	p3	389/Mar 15##
Peter Ross	<b>1:24 layout:</b> NZR in the garden: <i>Ashburton Forks Railway</i>	p4	389/Mar 15##
Peter Ross	<b>Machinery:</b> Gravel extraction workhorse – Gordon Barr's 19-RB dragline.	p10	389/Mar 15##
Nelson Kennedy	<b>Car &amp; wagon:</b> A finely-detailed 1:64-scale J wagon body ready for paint in one evening.	p12	389/Mar 15##
Graham Dredge	<b>Tools:</b> Tools you wonder how you did without	p15	389/Mar 15##
Graham Venning	<b>Trackwork:</b> Tracklaying master class: Part three—hand-laid turnouts	p17	389/Mar 15##
Peter Ross	<b>Weathering:</b> Improving printed textures.	p23	389/Mar 15##
Peter Ross	<b>Techniques:</b> Easy end rails	p23	389/Mar 15##
Kevin Crosado	<b>Plan and photos:</b> PWD24358 station building as at Katikati and Te Puke	p24	389/Mar 15##
Kevin Crosado	<b>Station File:</b> Katikati Station (includes good shed and yard plan)	p30	389/Mar 15##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – headlight reflector, 3D Dsc body, 3D Tr body and chassis	p35	389/Mar 15##

	<b>Trade news:</b> DCC Concepts etched sleepers, track gauges, solder and flux, NZ48 whitmetal bogie and underframe parts, <i>Continental Modeller</i> , <i>Voie Libre</i> now in English, new Wild Swan owner, North Yard Ds chassis, fine stainless steel mesh, sanding sponges, BTS sawmill interior, Septone blade putty	p36	389/Mar 15##
Peter Ross	<b>Comment:</b> Situations vacant	p39	389/Mar 15##
	<b>Obituaries:</b> Jim Pilkington, John Brewer	p40	389/Mar 15##
	<b>Trade news:</b> Hornby trading update	p39	389/Mar 15##
Peter Ross	<b>Review:</b> DCC Concepts Sapphire Solder and flux, etched sleepers and track gauges;	p40	389/Mar 15##
Kevin Crosado	<b>Review:</b> The Wairarapa Class Railcars and Rimutaka Incline – inception, design operation by Richard Heine	p41	389/Mar 15##
Trevor Cheer	<b>Review:</b> West Coast Enginemen by Ian Tibbles	p43	389/Mar 15##
	<b>News:</b> 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	389/Mar 15##
Kevin Crosado	<b>Reviews:</b> <i>Finescale Railway Modelling</i> , <i>Ferrymead 50</i>	p40	389/Mar 15##
Ian Jenner/Paul Napier	<b>Postbag:</b> <i>Bertha</i> , notes and photos; Mamaku Bush jiggers	p44	389/Mar 15##
Peter Ross photos	<b>Car &amp; wagon:</b> Kerry Patterson's scratchbuilt 1:24-scale 30ft clerestory van and Xa wagon	Back	389/Mar 15##
Peter Ross photo	<b>1:64 layout:</b> An early morning start as Wf401 shunts the Glasnevin ballast pit	Cover	390/Jun 15##
Peter Ross photos	<b>Journal Jewels:</b> Tim Marshall's scratchbuilt 1:64-scale 44/48hp Ruston & Hornsby 0-4-0 loco	p2	390/Jun 15##
Kevin Ward photo	<b>1:34 layout:</b> Wab 786 on the Hamilton railway bridge	p3	390/Jun 15##
Keith Rimmer	<b>1:148 layout:</b> <i>Six Mile Bush</i>	p4	390/Jun 15##
Neil Ward	<b>Techniques:</b> The tale of the Hamilton railway bridge (3D printing on a grand scale)	p12	390/Jun 15##
Colin Barry	<b>Prototype:</b> Scenes you could model: South Beach ballast pit	p15	390/Jun 15##
Peter Ross	<b>1:64 layout:</b> Glasnevin ballast pit (modelling stratified gravels)	p19	390/Jun 15##
Les Downey	<b>Weathering:</b> Authentic colours and weathering	p23	390/Jun 15##
Kevin Crosado	<b>Plan, text and photos:</b> The Davidson 0-6-0Ts ( <i>Weka</i> and kin)	p24	390/Jun 15##
Kevin Crosado	<b>Finer details:</b> Station nameboards. Gore, Tawa Flat, Stratford, Waiouru, Petone, Rauponga, Penrose Arthur's Pass, Otiria, Tiroroa	p32	390/Jun 15##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – Pahia Station, Arduino controller, round-topped windows	p37	390/Jun 15##
	<b>Trade news:</b> Mark's Model Works sight-feed oiler and headlight castings, Majik 2016 calendar, Forgotten World Adventures on the SOL, new owner for <i>MREmag</i> , <i>All Scale Rails</i> magazine, <i>Scale Rails International</i> magazine, Weaver Models closing, Hornby back in profit	p38	390/Jun 15##
Russell Postlewaight	<b>Obituary:</b> Brian Eastergaard	p40	390/Jun 15##
Peter Ross	<b>Comment:</b> Home thoughts from abroad	p39	390/Jun 15##
	<b>Obituary:</b> Dave Moore, Bob Barlow, Ian Allen, Steve Stevens-Stratton, Richard Wrenn	p40	390/Jun 15##

Maurice Duston	<b>Photos:</b> Two views of the late Dave Moore's layout	p40	390/Jun 15##
	<b>Happy shopping:</b> Parallel action pliers, wheel puller, rotary wire brush, 0.5mm PCB	p41	390/Jun 15##
Kevin Crosado	<b>Review:</b> <i>Railroad Model Craftsman</i>	p43	390/Jun 15##
Graham Dredge	<b>Postbag:</b> Solder and flux, comment on Sapphire Solder review	p43	390/Jun 15##
Grant Morell photos	<b>Photos:</b> Grant Morrell's 1:64-scale Kia Ora Dairy, real and modelled	Back	390/Jun 15##
John Agnew photo	<b>Locomotivery:</b> 1:64-scale T106 in 19 <sup>th</sup> century condition, built by Lexi Browne, painted by David Fletcher	Cover	391/Sep 15##
Peter Ross photos	<b>Journal Jewels:</b> Robin Knight's 1:64-scale brass models of Eb26 and NZ Co-op Dairy's Goodman	p2	391/Sep 15##
EJ McClare photo	<b>Photo:</b> Eb28 at Addington	p3	391/Sep 15##
Adrian Howard	<b>1:64 layout:</b> <i>The Longford and Pomona</i> (or whatever happened to the Fleming's Creamota Mill model?)	p4	391/Sep 15##
Grant Fletcher	<b>Trams/Bits and bytes:</b> DCC and trams	p10	391/Sep 15##
Graham Dredge	<b>Tools:</b> Better ways of cleaning your track and wheels	p13	391/Sep 15##
Peter Ross	<b>Report:</b> The Best of British: Some top layouts from the other side of the world	p15	391/Sep 15##
Peter Ross	<b>Scenicking:</b> The <i>Bucks Hill</i> backscene	p20	391/Sep 15##
Les Downey	<b>Tools:</b> Watch out son, Daddy's got your Lego again. Checking wagon height, width, overhang, etc.	p22	391/Sep 15##
Brian McKenzie	<b>Plan and rendering:</b> Eb26 battery-electric locomotive	p24	391/Sep 15##
Kevin Crosado	<b>Prototype:</b> Eb-class battery-electric locomotives	p26	391/Sep 15##
Alex Smith	<b>Scenicking:</b> <i>Awakino</i> : A slice of classic NZ scenery in 100mm x 100mm	p31	391/Sep 15##
JM Creber & Trevor Cheer	<b>Lineside:</b> Water vats and standpipes at Ohakune	p34	391/Sep 15##
Wayne Brindle	<b>Locomotivery:</b> Improved North Yard chassis drive – A better silicone rubber coupling	p36	391/Sep 15##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group – Weathered Dj3194, CMP tow truck, Fairlie mock-up	p37	391/Sep 15##
	<b>Trade news:</b> Railmaster Exports T kits, Trackgang NZ120 wheels and Shapeways bodies, Fleischmann insolvent, <i>Narrow Gauge &amp; Shortline Gazette</i> on disc, Kader/Bachmann do better, new CE at Rail Heritage Trust	p40	391/Sep 15##
Peter Ross	<b>Report:</b> AP15 modelling weekend at Arthur's Pass	p38	391/Sep 15##
Peter Ross	<b>Obituary:</b> <i>Model Railroader</i> former editor Andy Sperandeo	p39	391/Sep 15##
Peter Ross	<b>Comment:</b> Convention 2016 is a 'comin'	p39	391/Sep 15##
	<b>Happy shopping:</b> <i>Clever models</i> card structure kits, Monster Model Works false-front building kits, Greenlight 1:64-scale figures, Lais DCC decoder, DCC Concepts loco carrier	p40	391/Sep 15##
Peter Ross	<b>Review:</b> <i>Model Railroad Hobbyist</i> , TOMA (The One Module Challenge), Sketchup tutorial	p43	391/Sep 15##
Ken Lankshear	<b>Comment:</b> GST on offshore purchases – an update	p43	391/Sep 15##

Greg Moore, Mark Denne, Peter & Sue l'Anson, John Agnew John Agnew	<b>Postbag:</b> Dave Moore obit, Thanks, Dairy or Diary? Off-colour images <b>1:64 layout:</b> Two scenes featuring Railmaster Exports T106 as built by Lexi Browne and painted by David Fletcher using Tamiya Luftwaffe Dark Green, Linoleum Brown and Testor's Gunmetal Metalizer	p44 Back	391/Sep 15## 391/Sep 15##
Peter Ross photo Graham Dredge photos	<b>1:64 layout:</b> A Dg-hauled goods passes Totara on Peter Kearns' <i>Waimanu</i> layout <b>Journal Jewels:</b> D16, built by Graham Dredge from a JG kit, and an abandoned truck modified from a Lledo Days Gone model. Both weathered using ground chalks.	Cover p2	392/Dec 15## 392/Dec 15##
Peter Ross photo Peter Kearns Les Downey, Daryl Palmer Graham Dredge Paul Berntsen Grant Fletcher Rex Morgan Nelson Kennedy Brian McKenzie Kevin Crosado Peter Ross	<b>Photo:</b> The signal box built by the late Keith Collins for <i>Waimaru</i> <b>1:64 layout:</b> <i>Waimaru</i> . Based on Oamaru and featuring an accurate model of the Troup station. <b>Road vehicles:</b> From rail to road: Converting diecast trucks into horse floats <b>Electrics:</b> Build a static grass applicator for under \$20 (fly swat conversion) <b>Tools:</b> Solder hotplate (a method for laminating large areas of brass or nickel silver) <b>Trams:</b> Napier trams – the Boons. Scratchbuilding from old photos <b>Sixties style:</b> Loading sawn timber at Gladstone, TeKinga, Ross and Arnold <b>Locomotivity:</b> Interesting locomotive development: Hudswell Clarke with pulley drive <b>Plan:</b> Eb25 (converted to diesel-electric, as held at MOTAT) <b>Prototype:</b> Eb-class genset locomotives (conversion of Goodman battery-electric Ebs to diesel-electric) <b>Report:</b> NZR Modellers Group, scratchbuilt R class single Fairlie progress, Dg back to original cab, Peco points modification, 1957 Mobilgas Rally Toyota, Hallmark fire engines, Celyn Bennet and Victor Gan demonstrating their skills at Christchurch train show <b>Trade news:</b> Railmaster Exports 55ft turntable, Accucraft Australia 1:35-scale steam tram, Warners magazine buy-up, Hornby profit warning, International model railway day	p3 p4 p11 p15 p16 p17 p20 p22 p24 p26 p36	392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15##
Mark Denne Grant Morrell Peter Ross	<b>News:</b> Reported that <i>Weka</i> was in Timaru by 1879 <b>Report:</b> Pokaka 31: Another great weekend at the Taylor Memorial Lodge <b>Comment:</b> Your Guild needs a few of you <b>Happy shopping:</b> Colour laser printer, Lawton belt drives, Metalsmith rivet embossing tool, micro nuts, bolts and rivets, Monster Model Works buildings, Micro Mark rolling road and mini disc/belt sander	p37 p37 p38 p39 p40	392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15##
David McCallum Phil Smith Bill Lloyd, Gordon Johnson Neil Ward photos	<b>Report:</b> News from the south. Trevor McMurdo's models of B303 and an Invercagill house <b>Review:</b> <i>More than just a place to work:</i> A history of Dunedin's Hillside Workshops <b>Postbag:</b> Kudos and models for sale, Congratulations <b>1:34 layout:</b> Ka941 on Neil Ward's 3D-print-assisted model of the Hamilton River bridge. F254 and Wab786 with 3D-printed buildings and Morris 8 in the background	p40 p43 p43 Back	392/Dec 15## 392/Dec 15## 392/Dec 15## 392/Dec 15##

Graham Dredge photo	<b>1:64 diorama:</b> Ethan's Family Butcher shop by night	Cover	393/Mar 16##
Grant Morrell photos	<b>Journal Jewels:</b> 1:120 Shapeways-printed Wb and coal hoppers	p2	393/Mar 16##
NZRLS archive photo	<b>Photo:</b> Covered bank for loading dry timber at Ellis & Burnand, Magapeehi	p3	393/Mar 16##
John Agnew	<b>1:64 layout:</b> <i>Greymouth to Otira in steam days</i>	p4	393/Mar 16##
Graham Dredge	<b>Hints &amp; tips:</b> DCC cards for Dummies and/or those with senior memories	p15	393/Mar 16##
Chris Bradley, Alan Curtis, Paul Berntsen	<b>Perspective:</b> 50 years of conventions	p17	393/Mar 16##
Les Downey	<b>Car &amp; wagon:</b> My scratchbuilt 13335mm [44ft] wooden guard's van	p20	393/Mar 16##
Cedric Green	<b>Plan and photos:</b> 44ft F brake van	p24	393/Mar 16##
Paul Mahoney, Colin Zeff	<b>Prototype:</b> Sawmill engineering in New Zealand	p28	393/Mar 16##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers Group. 1:160 Lanz Bulldog tractor, HO scale Da, car-van and Hc makeovers, 1:64 Mini Minors	p39	393/Mar 16##
Paul Napier	<b>Obituary:</b> Barry Brickell, 29 October 1935 – 23 January 2016	p40	393/Mar 16##
	<b>Trade news:</b> NZAMRC convention, Mini-AMRA 2016, AMRA 2017, Australian narrow gauge convention, Hornby woes, new Bachmann Europe boss, Atlas buys BLMA, Northeastern Scale Models closes, Oakwood Press sold,	p40	393/Mar 16##
Peter Ross	<b>Comment:</b> The idea is to create an illusion	p41	393/Mar 16##
	<b>Train advice:</b> Coming events for NZ modellers	p42	393/Mar 16##
	<b>Happy shopping:</b> Mini hand drill and 10 drills, safer cut-off disc, electronics components tester, US sound decoder has NZR-type 5-chime whistle	p43	393/Mar 16##
Graham Dredge photos	<b>1:64 diorama:</b> Day and night on the same small town street scene	Back	393/Mar 16##
Peter Ross photo	<b>1:148 layout:</b> A convincing representation of Cb wagons at the coal mine on Mark Rawdon's portable West Coast <i>Rawdon</i> layout	Cover	394/Jun 16##
Graham Dredge photos	<b>Journal Jewels:</b> Kevin George's JG Models Ja1274 seen on Graham Dredge's layout	p2	394/Jun 16##
Kevin Crosado photo	<b>Photo:</b> Michael Gee's Wellington competition-winning cable car winding house.	p3	394/Jun 16##
Reuben Romany	<b>1:148 layout:</b> <i>NZR in 1:148 scale</i> , Reuben Romany's portable <i>Cascade</i> layout	p4	394/Jun 16##
Darryl Palmer	<b>Car &amp; wagon:</b> NE class four-wheel flat top wagon	p8	394/Jun 16##
	<b>Plan, photos and road numbers:</b> NE class four-wheel flat top wagon	p10	394/Jun 16##
Kevin Crosado	<b>Structures:</b> Jacksons post office (photos and text)	p14	394/Jun 16##
Paul Mahoney, Colin Zeff	<b>Prototype:</b> Sawmill engineering in New Zealand	p28	394/Jun 16##
Peter Ross	<b>Report:</b> Railways @ the Racecourse convention 2016	p18	394/Jun 16##
MJM McLeod, DG Jack	<b>Plans and photos:</b> 20ft and 35ft steel plate girder spans, PWD38381, 38182	p24	394/Jun 16##
Kevin Crosado	<b>Photographs:</b> Railways @ the Racecourse convention 2016	p31	394/Jun 16##

Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group. Standard railcar interior, PK container wagon, CF wagon NZ Finescale end railings, 3D printed Wf body	p36	394/Jun 16##
	<b>Trade news:</b> NZ Finescale W locomotive kit and #d printed detail parts, MMW diesel grilles, Railmaster Exports Da, Dx and T kits, AK Interactive weathering washes	p37	394/Jun 16##
Peter Ross	<b>News:</b> We loco photographs needed, AMRA 2017, Australian narrow gauge convention, <i>Mainline Modeller</i> on DVD, Hornby reprieve, <i>Finescale Modelling Review</i>	p38	394/Jun 16##
	<b>Corrections:</b> Ub330, not Q, sawmill article.	p38	394/Jun 16##
Peter Ross	<b>Report:</b> Blenheim Model Railway Group (BMRG)	p39	394/Jun 16##
Peter Ross	<b>Comment:</b> What do you think?	P39	393/Mar 16##
	<b>Train advice:</b> Coming events for NZ modellers	p42	394/Jun 16##
	<b>Departures:</b> Les Hostick, H Lee Riley, Chick Yungkurth	p24	394/Jun 16##
	<b>Happy shopping:</b> Guillotine used as magnetic jig, RapidFix adhesive system,	p43	394/Jun 16##
Colin Zeff photos	<b>1:64 layout:</b> Three photos of the late John Yolland's layout	p44	394/Jun 16##
	<b>Review:</b> <i>Selling the dream—Classis NZ Tourism Posters</i>	p44	394/Jun 16##
	<b>Members' ads:</b> Layout and models for sale ex deceased estate	p45	394/Jun 16##
Peter Ross photos	<b>1:32 layout:</b> Two photos of Peter Cameron's early days NZR layout	Back	394/Jun 16##
Kevin Crosado photo	Former Auckland mainstay DFT7104 modelled in 1:64 scale by Michelle Andrews	Cover	395/Sep 16##
Grant Morrell photos	<b>Journal Jewels:</b> Colin Zeff's 1:34 A62 ex Mark's Model Works etchings and Paul Woods boiler fittings; Colin Zeff's 1:34 Mamaku-inspired bush truck, part plastic kit part scratchbuilt.	p2	395/Sep 16##
Peter Baker photo	<b>Photo:</b> Climax 1317 at Ngaroma Mill, c1955	p3	395/Sep 16##
Michael Gee	<b>Structure:</b> Notes on a model winding house	p4	395/Sep 16##
Gordon Barr	<b>Scenicking:</b> Making a macrocarpa hedge	p8	395/Sep 16##
Michelle Andrews	<b>Locomotivery:</b> Project winter soldier: a cautionary tale	p11	395/Sep 16##
Alex Smith	<b>Scenicking:</b> Nikau: modelling a distinctive piece of New Zealand	p17	395/Sep 16##
Don Wills	<b>Tools:</b> The right height: measuring coupler pad height.	p22	395/Sep 16##
Ken Williamson	<b>Plans:</b> Climax 1317	p24	395/Sep 16##
Paul Mahoney	<b>Trams:</b> Climax 1317 — part one	p28	395/Sep 16##
Brian McKenzie	<b>Plan:</b> Eb25 (converted to diesel - electric, as held at MOTAT)	p24	395/Sep 16##
Kevin Crosado	<b>Prototype:</b> Matata station file. Includes station and yard plans	p26	395/Sep 16##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers. Jason Horne's Peco 83 Line turnout converted to NZR, Lyndsay Thompson's scratchbuilt Price E drive, Celyn Bennet's sawmill	p36	395/Sep 16##

	<b>Trade news:</b> Glenorchy Models' etched kit for 1:34 Di, North Yard has stocks of Mashima motors and is the new owner of South Dock kits, Pokaka, Hamilton Mini AMRA, new <i>Engineering in Miniature</i> magazine owner, Caboose Hobbies closes, locomotive called <i>Peco</i> , Merl Evans dies, Hornby 2016 results,	p37	395/Sep 16##
Don Wills	<b>Report:</b> SKIMers: a weekend for modelling mates	p38	395/Sep 16##
K Crosado/Neil Andrews/Peter Ross	<b>Obituaries:</b> Euan McQueen 1937 – 2016; Jack Raffills 1938 – 2016; Athol Hamilton 1936 – 2016	p38	395/Sep 16##
Peter Ross	<b>Comment:</b> More than one way	p41	395/Sep 16##
	<b>Happy shopping:</b> Bragdon powders, Mini saw frame, Fergie tractor, styrofoam glue, model paint, medico pack paint pottles, track power connectors for modular layouts	p43	395/Sep 16##
Grant Morrell photos	<b>Locomotivity:</b> Trevor Cheer's DC4346 ex AKF etchings and 3D print patterns. Ross Olliver's 1:64 DSG3046 built from an Online kit and altered to include shunters' refuges.	Back	395/Sep 16##
Kevin Crosado photo	Terry Bradley's 1:34-scale model of TR27 passing through Pokaka.	Cover	396/Dec 16##
Kevin Crosado photos	<b>Journal Jewels:</b> Ken Cousins'-built 1:64-scale DQ and QR models from 3D printed masters.	p2	396/Dec 16##
Graham Radcliffe photo	<b>Photo:</b> Looking along Staircase Viaduct.	p3	396/Dec 16##
Ray Sofio	<b>Bridges:</b> Modelling a lattice girder viaduct – Making a start (Staircase).	p4	396/Dec 16##
Paul Mahoney	<b>Trams:</b> Climax 1317 — part two	p12	396/Dec 16##
Paul Mahoney	<b>Trams:</b> Restoring Climax 1317	p19	396/Dec 16##
Ken Williamson	<b>Trams:</b> Detailed drawings of Climax 1317	p22	396/Dec 16##
	<b>Plan:</b> Matata goods shed, PWD25987	p24	396/Dec 16##
Kevin Crodado	<b>Station file:</b> Matata	p24	396/Dec 16##
Brian McKenzie	<b>Plan:</b> Eb25 (converted to diesel - electric, as held at MOTAT)	p24	396/Dec 16##
Kevin Crosado	<b>Prototype:</b> Matata station file. Includes station and yard plans	p26	396/Dec 16##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers. Jason McFadden backboards, Bryan Lawrence's 1:64 pie cart, Robin Knight's 1:64 Bc and Ba locomotives, Celyn Bennet's 3D printed Price Cb bogie.	p36	396/Dec 16##
	<b>Trade news:</b> NW Model Works improved quality custom 3D printing service	p37	396/Dec 16##
Grant Morrell/Kevin Crosado	<b>Report:</b> Pokaka 2016 including photos of 1:64 F loco by Bill Knapp, Don Wills' 1:64 Ud1500, Michael Kilgour's 1:64 USL wagon, Jim Staton's 1:48 Backwoods Miniatures 0-6-0T, Paul Lennox's 1:64 tree armature, Ken Cousins' MAXX DC, and Don Wills' part-built recabbed DG760	p38	396/Dec 16##
News	North Shore MRC to host 2018 NZAMRC convention, Australian narrow gauge convention, <i>Model Railway Express</i> magazine relaunch, new UK magazine <i>The Railway Magazine of Modelling</i> , locomotive named <i>Merl Evans</i> , Hornby trading update.	p40	396/Dec 16##
Peter Ross	<b>Comment:</b> Thinking about the unthinkable	p41	396/Dec 16##



Merv Smith	<b>Happy shopping:</b> Bluerail battery-powered Bluetooth remote control for larger scales, Anti Shine aerosol matt varnish, Archer texture decals, aluminium cupcake pans good for mixing paints.	p41	396/Dec 16##
Kevin Crosado photos	<b>Postbag:</b> Kitset steam locomotives vs sharper curves	p44	396/Dec 16##
	<b>Locomotivery:</b> Terry Bradley built his 1:34 1936 Drewry TR from his own etchings and castings and painted it with Dulon lacquer. Weathering was done with Humbrol enamels and acrylics from Spotlight.	Back	396/Dec 16#
Peter Ross photo	Caleb Scott's Db1010 passing through John Dudson's <i>Red Swamp</i> OTM module on a goods train.	Cover	397 Mar 17##
Steve Williams photos	<b>Journal Jewels:</b> 1:76 Tasrail DQ and QR locos that Steve Williams scratchbuilt from styrene and brass.	p2	397 Mar 17##
Peter Baker photo	<b>Photo:</b> Ab778 on the turntable at Tuatapere.	p3	397 Mar 17##
Nelson Kennedy	<b>Car &amp; wagon:</b> Are we there yet? A journey further into 3D-printed models (J-5 sheep wagons).	p4	397 Mar 17##
Lindsay Thompson	<b>Locomotivery:</b> Hornby Terrier transformed. (1:76 Terrier becomes 1:48 Davidson lookalike.)	p8	397 Mar 17##
Neil Andrews/Peter Ross	<b>Structures/prototype photos:</b> Laser-cut engine shed. Not. (Using a saw to cut frames from thin MDF.)	p11	397 Mar 17##
Tony Simons	<b>Techniques:</b> Rivet detail using decals. (Micro Mark O-scale rivet decals).	p16	397 Mar 17##
Gordon Barr	<b>Wagon loads/prototype photos:</b> Flour traffic the traditional way. (Flour sacks from Sculpey modelling Clay.)	p19	397 Mar 17##
Graham Dredge	<b>Report:</b> Westies' rumblings	p21	397 Mar 17##
Craig Galilee	<b>Scenicking:</b> Creating cracked-soil effect for Coyote Ridge.	p23	397 Mar 17##
	<b>Plans:</b> British-type La wagons, drawings X7040, Y7046, Y7051	p24	397 Mar 17##
Kevin Crosado	<b>Text and photos:</b> Drawing X7040 La wagons	p26	397 Mar 17##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers. Jason Horne's English Electric Df weathered with oils, Colin Barry's John Gardener Uc.	p37	397 Mar 17##
	<b>Trade news:</b> NZ Finescale 3D-printed steam loco detail parts and etched W class loco. Branchlines etched brass G wagon kit.	p38	397 Mar 17##
	<b>News:</b> AMRA 2017, NZAMRC Convention 2018 Committee, Australian Narrow Gauge Convention, Mt Albert Scale Lumber sold, Scale Hardware sold, Caboose Hobbies reopens, <i>Narrow Gauge &amp; Shortline Gazette</i> sold, <i>Model Railroader</i> 1000th, <i>Model Railways</i> On-Line magazine, new <i>British Railway Modelling</i> editor, NZMR Guild AGM.	p38	397 Mar 17##
Pete van Grinsven	<b>Comment:</b> The hobby is in great shape	p41	397 Mar 17##
Peter Ross	<b>Obituary:</b> Peter Parker 1925 – 2017.	p43	397 Mar 17##
	<b>Notices:</b> New Journal editor required, Journal retail price adjustment, magazines to give away.	p43	397 Mar 17##
Kevin Crosado photos	<b>Car &amp; wagon:</b> 1:34-scale models by Colin Zeff; C-class car with original radial axle running gear; early four-wheeled passenger brake van.	Back	397 Mar 17##

Neil Ward photo	A Model Company-built Da1409 hauls 56ft cars over Neil Ward's 1:34 model of the Hamilton Bridge.	Cover	398 Jun 17##
Alex Smith photos	<b>Journal Jewels:</b> Alex Smith's 1:64-scale diecast 1949 Studebaker pick-up truck and army Jeep.	p2	398 Jun 17##
EJ McClare collection photo	<b>Photo:</b> Vulcan Foundry Jb at Hamilton c1902	p3	398 Jun 17##
Keith Rimmer	<b>1:148 layout:</b> Konake – a King Country settlement.	p4	398 Jun 17##
Les Downey	<b>Locomotivity:</b> The new life of Ab832 (nee 750) (a makeover for an early Gardener ready-to-run).	p12	398 Jun 17##
WW Stewart/EJ McClare photos	<b>Our Heritage:</b> Ab832, North British 23190 of 1925.	p16	398 Jun 17##
Gordon Barr and Peter Ross	<b>Structures:</b> Background houses (half-relief)	p16	398 Jun 17##
	<b>Plan:</b> Standard B2 Railway house front elevations	p23	398 Jun 17##
Craig Galilee	<b>Scenicking:</b> Creating cracked-soil effect for Coyote Ridge.	p23	398 Jun 17##
Archives NZ	<b>Plan:</b> Vulcan Foundry type Jb 2-6-0 general arrangement drawings.	p24	398 Jun 17##
Kevin Crosado	<b>Text, plans and photos:</b> Vulcan Foundry Jb locomotives	p27	398/Jun 17##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers. Any old iron layout, home built FDM 3D printer, Hudswell Clarke rail tractor, NZF 3D printed dunny.	p37	398 Jun 17##
	<b>Trade news:</b> NZ Finescale 3D-printed steam loco detail parts and etched W class loco. Branchlines etched brass G wagon kit.	p38	398 Jun 17##
	<b>News:</b> NZAMRC national convention to be hosted by North Shore MRC, attempted Hornby takeover.	p38	398 Jun 17##
Peter Ross photos	<b>Photo report:</b> Arthur's Pass 2017 modelling weekend.	p38	398 Jun 17##
	<b>Happy shopping:</b> Soldering tile from fohrmann.com, crème brulee torch (also useful for soldering) from Briscoes, etched steering wheels and combine harvester from Bossen Implements, mini air sand blaster from Supercheap Auto, liquid electrical tape from Jaycar, cheaper UK source for Loksound decoders.	p39	398 Jun 17##
Peter Ross	<b>Comment:</b> Tinkering: a good or bad thing?	P41	398 Jun 17##
	<b>Reviews:</b> Barclay Locomotives of NZ by Sean Millar	p43	398 Jun 17##
	<b>Postbag:</b> Getting round the bend from Peter Sansom, Kahibah, NSW.	p43	398 Jun 17##
	<b>Member's Ads:</b> Tenders sought for disposal of <i>Glenorchy Model</i> inventory.	p43	398 Jun 17##
Peter Ross photos	<b>Locomotivity:</b> Jason Horne's 1:64-scale model of Eo74 built from a JG kit. Jason painted the model and weathered it using artist's oils diluted with white spirit.	Back	398 Jun 17##
Kevin Crosado photo	1:43-scale Paul Berntsen Climax 898 with figures carved by Ray Lantz and painted by Kevin Crosado.	Cover	399 Sep 17##
Rodney Morrell photos	<b>Journal Jewels:</b> Scratchbuilt 1:64-scale Makatote Viaduct lookalike from styrene wire and balsa wood.	p2	399 Sep 17##
Archives NZ photo	<b>Photo:</b> Climax 898 at Manunui, c1922.	p3	399 Sep 17##
Sean Heenan	<b>1:64 layout:</b> Rebuilding the Motat model railway.	p4	399 Sep 17##
Kevin Crosado/Archives NZ photos	<b>Our Heritage:</b> Photos and notes on Gamman & Co's Climax 898 at Manunui in 1929.	p10	399 Sep 17##
Grant Morrell	<b>Perspective:</b> The next big thing (on moving from 1:64 scale to 1:48 scale).	p12	399 Sep 17##

Ross Olliver	<b>Techniques:</b> From this ... to this. (Aging and weathering ETC and UR wagons step by step.)	p14	399 Sep 17##
Graham Dredge	<b>Hints and tips:</b> Dodo (a clever railing device).	p16	399 Sep 17##
Bruce Shalders	<b>Book preview:</b> Railway house photos left over from Railway Houses of NZ.	p20	399 Sep 17##
Les Downey	<b>Structure:</b> Round the back. (Building a goods shed for the Kingston Branch.)	p22	399 Sep 17##
Brian McKenzie	<b>Plan, photos and 3D rendering:</b> 20-ton side-tip truck PWD72421.	p24	399 Sep 17##
Kevin Crosado	<b>Text, photos and plan:</b> Harbour stone tip-trucks.	p28	399/Sep 17##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers: Barry Fitzgerald's imaginary MtSomers steam crane and radio-controlled lime spreader truck; Brendon Lean's latest styrene bodied DC, all in 1:64 scale.	p36	399 Sep 17##
	<b>Trade news:</b> NZ Finescale 1:64-scale W kit; Riverside Models' 1:64-scale GMC truck kits; North Yard's recently acquired South Dock range of 1:64 kits.	p37	399 Sep 17##
	<b>News:</b> Pokaka 2017, NZAMRC 2018 convention, Peco acquires Parkside business, Hornby saga.	p39	399 Sep 17##
	<b>Happy shopping:</b> Hobby vice and small cut-off saw from Not Just Toys, Upper Hutt; hand-grab forming jig from rptoolz.com; Uni-PX20 paint markers from Warehouse Stationary; Birchwood Casey Brass Black from workshopinnovation.co.nz; Mastertools brass tube from constellationhobbies.co.nz; Unimat 3-jaw chuck off eBay; iPhone4 speaker off eBay.	p39	399 Sep 17##
Peter Ross	<b>Comment:</b> Our tools are evolving	p41	399 Sep 17##
	<b>Reviews:</b> Railway Houses of NZ by Bruce Shalders; Creating a Backscene: <i>A Railway Modelling Companion</i> by Paul Bambrick and John Ellis; <i>One Hundred Years of Trust</i> by Alan Dick.	p43	399 Sep 17##
	<b>Postbag:</b> Konake, from Graeme Brown, Paraparaumu.	p43	399 Sep 17##
Kevin Crosado photos	<b>Locomotivery:</b> Two more photos of the front cover model by Paul Berntsen of Climax 898 in 1:43 scale, with some details of how it was made.	Back	399 Sep 17##
Terry Bradley photo	Kevin Crosado's 1:34-scale Megadodo-Jenbach heads a train on the late Peter Hodge's layout.	Cover	400 Dec 17##
Eric Burns photos	<b>Journal Jewels:</b> Two views of Frank Roberts' 1:24-scale model of Q17 on the RTR layout in the 1950s.	p2	400 Dec 17##
Trevor Cheer photo	<b>Photo:</b> Kiwi Lager Da/Da506 with work train pass a Ka/Da-hauled goods on Trevor Cheer's 1:34 layout.	p3	400 Dec 17##
T Cheer/D Brider/M Hillier/K Carlyon	<b>Rail 'n Sails Convention:</b> Photos of some of the layouts to be on the convention tours.	p4	400 Dec 17##
Dean Farrow	<b>Locomotivery:</b> How I came to build a 1:24 Drewry railcar.	p6	400 Dec 17##
Dean Farrow	<b>Techniques:</b> Vacuum forming.	p11	400 Dec 17##
Paul Berntsen	<b>Locomotivery:</b> An H class Fell locomotive in 1:34 scale.	p14	400 Dec 17##
Rodney Morrell	<b>Hints &amp; tips:</b> Forgotten Modelling (Starting a 7-1/4in gauge loco)	p18	400 Dec 17##
Les Downey	<b>Hints and tips:</b> Decalced motor vehicles. (Ideas for modifying diecasts.)	p22	400 Dec 17##
Darryl Palmer	<b>Techniques:</b> Wheel drilling guide. (Includes wheel BP30520.)	p23	400 Dec 17##

Kevin Crosado	<b>Plans:</b> Strongman, Renown and Taupiri coal tubs.	p24	400 Dec 17##
Kevin Crosado	<b>Prototype:</b> Coal tubs. (Includes plans and photos.)	p27	400 Dec 17##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers: Paul Young's Hawarden Station, Daryl Roe's barn, Visit to Paul and Midge Young's layout, Tim Marshall's oil lamps for D loco.	p36	400 Dec 17##
	<b>Trade news:</b> Mark's Model Works Double Fairlie, NZ Finescale loco crew figures, Hatton's Barclay, new AK Interactive Real Colours paint line, new Tamiya Colour Lacquer Paint line.	p37	400 Dec 17##
Grant Morrell	<b>Report:</b> Pokaka 2017. (Includes photos of 1:48 TTT Mallet No7, 1:34 UBH tank wagon, 1:34 44ft clerestory car, 1:64 and 1:34 DSCs, 1:87 Rock Island GP40.	p39	400 Dec 17##
Paul Andersen-Gardiner	<b>Report:</b> Taranaki modelling day.	p39	400 Dec 17##
	<b>Trade news:</b> Taumaranui & Districts Historical Society has released <i>Roll Back the Years</i> , Volume 7, Zimo has declared insolvency, Hornby has a new CEO.	p41	400 Dec 17##
	<b>Happy shopping:</b> Hobby vice and small cut-off saw from Not Just Toys, Upper Hutt; hand-grab forming jig from rptoolz.com; Uni-PX20 paint markers from Warehouse Stationary; Birchwood Casey Brass Black from workshopinnovation.co.nz; Mastertools brass tube from constellationhobbies.co.nz; Unimat 3-jaw chuck off eBay; iPhone4 speaker off eBay.	p43	400 Dec 17##
Peter Ross	<b>Comment:</b> Come on baby light my fire.	p41	400 Dec 17##
	<b>Happy shopping:</b> Modelling vice, Loksound decoder update, nylon screws, cabbage tree kit, scale figures.	p43	400 Dec 17##
	<b>Postbag:</b> Side tip trucks, John Paul, Oamaru; Looking back, Paul Andersen-Gardiner, Taranaki.	p43	400 Dec 17##
	<b>Members' ads:</b> Large NZR 1:64 model railway for sale.	p44	400 Dec 17##
Kevin Crosado photos	<b>Locomotivery:</b> Grant Morrell's 1:48 Ollie Smith (Mamaku) jigger and freelanced bush jigger. Ollie's jigger is ex a plastic Soviet truck kit and the other jigger is ex a TinToys diecast and has a chain drive.	Back	400 Dec 17##
George Hawkins photo	On George Hawkins' 1:64 Papakura to Huntly layout, Bb144 waits to haul another Rotowaro coal train.	Cover	401 Mar 18##
Scott Neil photos	<b>Journal Jewels:</b> During a last visit to Ken Clough's 1:64 layout prior to a house move, Da1429 is seen departing with the last passenger train, and Bb626 crosses the combined road-rail bridge.	p2	401 Mar 18##
George Hawkins photo	<b>Photo:</b> Looking down on Labourville on George Hawkins' 1:64-scale Papakura – Huntly layout.	p3	401 Mar 18##
George Hawkins	<b>1:64 layout:</b> I am not a modeller. (George Hawkins loves to go out into the shed and play with his trains.)	p4	401 Mar 18##
Gordon Barr	<b>Structures:</b> Building for beginners. (Techniques used in modelling houses.)	p10	401 Mar 18##
Kevin Crosado	<b>Prototype:</b> Fell brake vans. (A list of and notes of all the NZR Fell vans with photos of some.	p19	401 Mar 18##
Colin Zeff/JM Creber photos	<b>Photos:</b> Retired Fell vans.	p22	401 Mar 18##
Graham Dredge	<b>Plan:</b> Brake van 4-wheel Fell centre rail, BP1748.	p24	401 Mar 18##

Darryl Palmer	<b>Techniques:</b> 3D printed models. (Ways of improving the finish of prints from Shapeways.)	p26	401 Mar 18##
Les Downey	<b>Hints and tips:</b> Getting the right atmosphere. (Getting the desired effect from mini scenes.)	p28	401 Mar 18##
Graham Dredge	<b>Structure:</b> The Metcalf family home: One Westie's project.	p29	401/Mar 18##
Peter Ross	<b>Perspective:</b> Convention model competitions update.	p31	401 Mar 18##
John Agnew	<b>50s Focus:</b> 50s Rotorua. (Photos from JM Creber and Derek Cross.)	p32	401 Mar 18##
Graham Dredge	<b>Report:</b> Westies' ramblings. (What can happen on a Friday night: NZR workmen's huts.)	p34	401 Mar 18##
	<b>Trade news:</b> Prototype NZR Models releases Drewry Tr kitset; Woodsworks re-engineers 1:34 ex-JG Wa kit, has a new supplier of low melt solders; The Railcar Company launches with Drewry, Standard and Vulcan railcar kits in 1:64 scale.	p37	401 Mar 18##
	<b>News:</b> Rails 'n Sails 2018 Convention programme.	p38	401 Mar 18##
	<b>Obituary:</b> Bob Carline. (Bob was a key member of the team that created the NSMRC NZR layout.)	p39	401 Mar 18##
	<b>Happy shopping:</b> Conductive silver paint, Small metric tap and die set, Molotow chrome pen and fine brushes, Scenic material, Doors, windows and detail parts.	p40	401 Mar 18##
	<b>Trade news:</b> Taumaranui & Districts Historical Society has released <i>Roll Back the Years</i> , Volume 7, Zimo has declared insolvency, Hornby has a new CEO.	p41	401 Mar 18##
	<b>Happy shopping:</b> Hobby vice and small cut-off saw from Not Just Toys, Upper Hutt; hand-grab forming jig from rptoolz.com; Uni-PX20 paint markers from Warehouse Stationary; Birchwood Casey Brass Black from workshopinnovation.co.nz; Mastertools brass tube from constellationhobbies.co.nz; Unimat 3-jaw chuck off eBay; iPhone4 speaker off eBay.	p39	401 Mar 18##
Pete van Grinsven	<b>Comment:</b> Where to now? (The old layout is gone, so what next?)	p41	401 Mar 18##
	<b>Postbag:</b> Thanking Kevin Crosado, Pete van Grinsven and Paul Berntsen.	p43	401 Mar 18##
	<b>Obituary:</b> Robin Knight. (Well known Christchurch modeller and pioneer of NZR modelling.)	p43	401 Mar 18##
	<b>Notices:</b> New editor, Graham Dredge introduces himself; Auckland modellers' day	p44	401 Mar 18##
Graham Dredge photos	<b>Locomotivery:</b> Lexi Browne's 1:64-scale model of F254 in early period green/black livery. Lexi's repaint and decalling of a Matchbox diecast steam roller.	Back	401 Mar 18##
Scott Neil photo	Da1471 traverses Mike Steenhuisen's NAL module.	Cover	402 Jun 18##
Paul Berntsen photos	<b>Journal Jewels:</b> Paul Berntsen-built models of 9 Mil Dubs A and scratchbuilt 7/8" scale Model T locomotive. Dubs from Mark's Model Works kit with scratchbuilt fittings and wheels, Model T weathered a la Martyn Welch.	p2	402 Jun 18##
	<b>Prototype photo:</b> RM1 Red Terror	p3	402 Jun 18##
Mike Steenhuisen/Scott Neil	<b>1:64 modules:</b> Somewhere along the NAL.	p4	402 Jun 18##
Michael Gee	<b>Prototype text, photos and plan:</b> The Red Terror – the pioneer railcar	p10	402 Jun 18##

Michael Gee	<b>Railcar model:</b> The Red Terror modelled in 1:64 scale	p14	402 Jun 18##
Peter Ross/Grant Morrell	<b>Report:</b> A perspective on the 2018 Rails 'n Sails Convention.	p16	402 Jun 18##
Scott Neil/Grant Morrell/Peter Ross	2018 Rails 'n Sails competition placings and photos	p20	402 Jun 18##
Ray Sofio	<b>Structure:</b> Modelling a lattice girder viaduct: part two. (Includes plan and prototype photo.)	p24	402 Jun 18##
Brad Coleman	<b>Car and wagon:</b> LPX23: a four-wheel express goods wagon.	p28	402 Jun 18##
Rodger Cullen	<b>Trade news:</b> The South Dock report	p29	402/Jun 18##
Graeme Bennett	<b>Prototype:</b> Along industrial lines (ex NZR loco in industrial service.)	p30	402 Jun 18##
Grant Morrell	<b>Structure:</b> Engine shed gantry crane in 1:64 scale.	p32	402 Jun 18##
Graham Dredge	<b>Electrics:</b> One DCC decoder, four motors.	p34	402 Jun 18##
	<b>Happy shopping:</b> WOW sound decoder, 3-jaw chuck pin vice, dollar shop scenery mat, SPROG II/III.	p36	402 Jun 18##
Peter Ross	<b>Report:</b> Christchurch NZR Modellers' Group. Urethane UK wagon, 3D parts for 41ft birdcage car, scale Steam loco lighting conduit junction box castings.	p37	402 Jun 18##
	<b>Hints and tips:</b> Workbench attachment (Ray Sofio), Cutting motor shafts (Wayne Brindle), Canon motors (Graham Dredge), Insulating difficult wiring (Les Downey).	p38	402 Jun 18##
	<b>Trade news:</b> NZ Finescale printed kit for 1:64 1936 Austin Ruby, 1:64 figures, decoder wiring PCB, Locomotive storage boxes; The Railcar Co, Red Terror and etched metal Da kits added to range; extruded brass rail for G scale; Grandt Line closing; Tichy offering equivalents; The Model Shop closing.	p39	402 Jun 18##
Graham Dredge	<b>Report:</b> Auckland Modellers' Day.	p40	402 Jun 18##
Pete van Grinsven	<b>Comment:</b> Reminiscing.	p41	402 Jun 18##
	<b>Obituary:</b> Fred Lee, aged 88 years.	p41	402 Jun 18##
	<b>Train Advice:</b> Calendar of railway modelling events.	p42	402 Jun 18##
	<b>Obituary:</b> Major NZR kit maker, John Arthur Gardener, 10 February 1945 – 16 March 2018.	p43	402 Jun 18##
Graham Dredge	<b>From the editor:</b> Corrections and explanations.	p44	402 Jun 18##
Tony Putt photos	<b>Railcar:</b> Blue Streak railcar RM131 built from a Railcar Co kit is seen fresh out of the paint shop on a test run near Swanson on Neville Connew's 1:64 layout.	Back	403 Sep 18##
Scott Neil photo	Da1405 on the loop at Ahuroa on David Weedon's NZ120 layout.	Cover	403 Sep 18##
Grant Morrell photos	<b>Journal Jewels:</b> Two views of Grant Morrell's 1:48 model of Ollie Smith's 'double ender' on the North Shore MRC's portable layout. All scratchbuilt except for two diecast truck bodies.	p2	403 Sep 18##
Scott Neil photo	<b>1:120 layout:</b> Hikurangi coal bins on David Weedon's modular layout.	p3	403 Sep 18##
David Weedon/Scott Neil	<b>1:120 layout:</b> Why not NZ120?	p4	403 Sep 18##
Michael Gee	<b>Prototype text, photos and plan:</b> The Midland railcars	p10	403 Sep 18##

Michael Gee	<b>Railcar model:</b> Midland railcar in two sizes.	p14	403 Sep 18##
Graham Dredge	<b>Prototype:</b> Buildings worth modelling.	p18	403 Sep 18##
Les Downey	<b>1:64 layout:</b> Layout based on location – my ultimate decision.	p20	403 Sep 18##
	<b>Editorial:</b> Fake news or not? We need you. (Call for contributions.)	p23	403 Sep 18##
	<b>Plan:</b> Uc tank wagon ex G class Garratt water tanks.	p24	403 Sep 18##
Wayne Brindle	<b>Car and wagon:</b> 1930s private owner tank wagons.	p26	403/Sep 18##
Michael Steenhuisen	<b>Car and wagon:</b> Graffiti – modern image modelling.	p28	403 Sep 18##
John Creber photos	<b>Winter scenes:</b> Four views of a short steam-hauled goods train on the Kingston Branch.	p30	403 Sep 18##
Paul Napier	<b>Scenicking:</b> Oh what a lovely bunch of coconuts. (Modelling coconut palms.)	p32	403 Sep 18##
Adrian Howard	<b>Locomotivery:</b> A tale of two diesels. (Making Ds and Dsa class shunters from RTR models.)	p34	403 Sep 18##
Rodger Cullen	<b>Trade news:</b> Tank wagons: Mcp (dismountable tank), Ubs sulphuric acid, Uc-3 bitumen, Uc-18.	p35	403 Sep 18##
	<b>Window on shopping:</b> Kato power bogie, geared motors, protractors and rulers. Bad buy (out of scale Citroen L15 from AliExpress).	p36	403 Sep 18##
Michael Gee	<b>Report:</b> Wellington NZR Modellers' Group. 1:120 3D Wairarapa railcar body, 1:64 Double Fairlie chassis.	p39	403 Sep 18##
Graham Dredge	<b>Hints and tips:</b> Tender drawbars, Coreless can motors.	p40	403 Sep 18##
	<b>Trade news:</b> NZ Railscene calendar, Woodworks closing, 1:64 Baldwin T class kit, Station Road Na and Nh wagon kits.	p41	403 Sep 18##
Pete van Grinsven/Alex Smith	<b>Reviews:</b> <i>NZ railway motive power</i> by David Parsons; <i>Hunslet &amp; Hudswell Clarke locomotives in NZ</i> by Sean Millar.	p40	403 Sep 18##
	<b>Train Advice:</b> Calendar of railway modelling events.	p42	403 Sep 18##
	<b>Obituary:</b> Edwin (Ed) Dacre Dunn, May 5 1931 – June 12 2018.	p42	403 Sep 18##
Joan McHarg/Trevor James	<b>Obituary:</b> Colin McHarg, February 10 1945 – June 13 2018.	p42	403 Sep 18##
Scott Neil/Mike Steenhuisen photos	<b>Car and wagon:</b> Mike Steenhuisen's painting and graffitiing of a ZP and ZK wagon based on photos of the real thing.	Back	403 Sep 18##
Scott Neil photo	Bb626 climbs through a cutting having just crossed the river through a steel truss bridge on Ken Clough's layout.	Cover	404 Dec 18##
Graham Dredge photos	<b>Journal Jewels:</b> Two views of Ross Olliver's kit-built model of DSG3046.	p2	404 Dec 18##
Darryl Palmer photo	<b>1:64 layout:</b> DBR1295 on <i>Kai-moana</i> layout.	p3	404 Dec 18##
Darryl Palmer/Grant Morrell	<b>1:64 layout:</b> <i>Kai-moana</i> – a layout that is no more	p4	404 Dec 18##
Neil Ward	<b>Railcar model:</b> RM32 <i>Pangatoru</i> , a Standard railcar all 3D printed in 1:34 scale	p9	404 Dec 18##
Graham Dredge	<b>Prototype text, photos and plan:</b> Station file – Onehunga.	p10	404 Dec 18##

Graham Dredge	<b>1:64 layout:</b> Modelling Onehunga (concept).	p15	404 Dec 18##
Ken Clough/Scott Neil	<b>1:64 layout:</b> A tale of three layouts. (A model railway history.)	p18	404 Dec 18##
Ian Robertson/Graham Dredge	<b>Diesel buses:</b> The end of the line (not really). ( <i>TramliNZ</i> ends but the modelling continues.)	p24	404 Dec 18##
John Whyte/Les Downey	<b>Obituary:</b> Mervyn (Merv) Charles Smith, March 11 1933 – September 24 2018.	p22	404/Dec 18##
Les Downey	<b>Scenicking:</b> An evergreen scenery method (originally shown to me by Merv Smith).	p24	404 Dec 18##
Les Downey	<b>Locomotivery:</b> Modelling from across the ditch. HO and OO scale modelling in Australia. (1:76 DC, 1:87 DX and Da.)	p25	404 Dec 18##
Trevor Cheer	<b>Obituary:</b> John (Jack) Maurice Creber, April 10 1932 – September 7 2018. (Includes photos at Helensville, Ohakune, Stratford, Waihi, Cass, Wingatui, and Lowther.)	p26	404 Dec 18##
Graham Dredge	<b>Electrics:</b> Model railway controller for a DC layout or test bench.	p30	404 Dec 18##
Alan Curtis/Grant Morrell	<b>Report:</b> Pokaka 34. (The 2018 version of a popular modelling weekend.)	p33	404 Dec 18##
Adrian Howard	<b>Car and wagon:</b> The Plains Railway E852 [water tank wagon] in 1:64 scale.	p35	404 Dec 18##
Rodger Cullen	<b>Trade news:</b> The South Dock report. (ex Trackside 1-1/2 ton swing crane, 1965 jigger; revised Yc ballast wagon.)	p36	404 Dec 18##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group. (Jessy Blunsdon's Drewry Tr22, NZ Finescale La wagon, Bryan Lawrence's Mark's Model Works farm dray, Evan Gardner's use of Vallejo weathering products.)	p37	404 Dec 18##
Lawrence Boul	<b>Trade news:</b> Manufacturer's showcase. (Bespoke 3D prints, development of F class locomotive kits, wheel castings, detail parts, 3D printed detailed boiler backhead.)	p48	404 Dec 18##
Paul Penning	<b>Review:</b> <i>Port to the Plains over and under the Port Hills, the story of the Lyttelton railway tunnel</i> by David Welch.	p40	404 Dec 18##
	<b>Window shopping:</b> v4 Loksound, Lokpilot Micro, Lokpilot Nano DCC decoders, Tamiya surface primer, Jobmate digital callipers.	p40	404 Dec 18##
	<b>Train Advice:</b> Calendar of railway modelling events, other notices.	p42	404 Dec 18##
Russell Jones	<b>Obituary:</b> Kevin Charles Emery, April 1 1946 – September 5 2018.	p43	404 Dec 18##
Graham Dredge	<b>Errata:</b> Driving multiple motors from one DCC decoder.	p43	404 Dec 18##
Adrian Gunzburg	<b>Postbag:</b> Help wanted with building Keith Collins double slip.	p43	404 Dec 18##
Scott Neil photos	'Westies night' at the North Shore MRC. Stockyards above the spiral and coal bins scene.	Back	404 Dec 18##
Graham Dredge photo	Taihoa Coal Co Hunslet No.5 hauls a train across the steeply graded trestle bridge leading to the Arapito station.	Cover	405 Mar 19##
Graham Dredge photos	<b>Journal Jewels:</b> Two views of Alex Smith's model of Di1104 built from an Online kit.	p2	405 Mar 19##
Kevin Crosado photo	¾ front view of Paul Berntsen's 1:34 layout model of Ub371 ('The Richmond')	p4	405 Mar 19##



Paul Berntsen/Kevin Crosado	<b>Locomotivery:</b> A Richmond Ub in 1:34 scale (model article with in-progress and finished model photos)	p9	405 Mar 19##
Rick Schreuder	<b>Car &amp; wagon:</b> A trio of Addingtons (Addington Cars that is, in 1:64, includes prototype photos)	p14	405 Mar 19##
Graham Dredge	<b>Prototype text, photos and plans:</b> Station file – Onehunga, NZ's oldest railway station, Part 2	p20	405 Mar 19##
Les Downey	<b>Diesel buses:</b> Getting the passengers to the train (Auckland Bus Co No.45 scratchbuilt in 1:64 scale)	p27	405 Mar 19##
Pete van Grinsven	<b>Comment:</b> Pete's Opinion: Scales – and we're not talking fish	p30	405 Mar 19##
Adrian Howard	<b>1:64 layout:</b> Changing location, era and atmosphere (layout featuring interchangeable dioramas)	p32	405/Mar 19##
	<b>Trade news:</b> Some of the JG Models range being offered by Prototype NZR Models	p35	405 Mar 19##
Rodger Cullen	<b>Trade news:</b> The South Dock Report (W-7 meat wagon kit and other developments)	p25	405 Mar 19##
Peter Ross	<b>Report:</b> Christchurch NZR Modeller's Group. (Brendon Lean's 1:64 DG in styrene, Paul Christensen's super-detailed Fun Ho Caterpillar D6 bulldozer, Barry Fitzgerald's A-grade overhauled and nicely weathered Online Ab755)	p37	405 Mar 19##
Alex Smith	<b>Review:</b> An overview of three South Dock kits (Ubs-1, Zp and 10ft wheelbase underframe)	p38	405 Mar 19##
Darryl Palmer	<b>Member's ad:</b> Lester Hopkins' 1:32-scale tram layout (August 1996 <i>Journal</i> ) free to good home	p40	405 Mar 19##
	<b>Notices:</b> Guild AGM, 9-Mil 50 <sup>th</sup> anniversary national get-together	p41	405 Mar 19##
	<b>Train Advice:</b> Calendar of railway modelling events, other notices.	p41	405 Mar 19##
Darryl Palmer	<b>Trade news:</b> Window on shopping (Venetian blind slat cutter aids in cutting window glazing)	p42	405 Mar 19##
Tony Putt	<b>Review:</b> <i>The Kaikoura Job</i> by Rob Merrifield (rebuilding KiwiRail's Main North Line)	p43	405 Mar 19##
Graham Dredge photos	Wayne Brindle's 1:64 model of freelanced Taihoa Coal Co box cab No.6, and a scene at the Taihoa Coal Co featuring contributions from Bob Carline, Joe Boardman, Wayne Brindle and Alex Cox.	Back	405 Mar 19##
Graham Dredge photo	Wayne Brindle-built De504 arrives at Teihana with a short passenger train on Kevin George's 1:64 layout	Cover	406 Jun 19##
Graham Dredge photos	<b>Journal Jewels:</b> Wayne Brindle's 1:64 model of former KP Fertiliser wagon (ex Garratt tender tank) in Ea3574 guise, photographed on the NZR section of the North Shore MRC layout	p2	406 Jun 19##
Late Merv Smith	<b>Freelance layout:</b> Lofty ... the styrene steam crane (and other features of Merv's layout)	p4	406 Jun 19##
Graham Dredge	<b>Prototype text, photos and plan:</b> Station file Part 3 – Onehunga wharf station and wharf	p10	406 Jun 19##
Graham Dredge	<b>Layout concept:</b> Onehunga Wharf as a layout	p17	406 Jun 19##
Aaron Wall	<b>Car &amp; wagon:</b> Detailing NZ120 rolling stock (hand grabs, shunter's steps tie down loops, side chains, couplers, guard's van brake wheel, and decals)	p18	406 Jun 19##
John Agnew collection	<b>Prototype photos:</b> The Ea that never was (47-1/2ft BP3433 suburban car A852, plus A796 and A851)	p22	406 Jun 19##
Greg Keay	<b>Report:</b> NZ48 – ongoing developments 2019 (3D printed Mc wagon, laser-cut NZR house kit, nickel silver Hitachi Tr kit, nickel silver and 3D printed Dsc kit, converted On30 Bachmann Climax, nickel silver Ruston 48DS, sources of wheels and other basic parts)	p22	406/Jun 19##
Darryl Palmer	<b>Car &amp; wagon:</b> An L wagon in NZ48 (from resin and whitmetal parts by Fergus Gillon)	p27	406 Jun 19##

Paul Napier	<b>Road vehicles:</b> Wheels beside the tracks (NZR Road Services Scammel breakdown tractor prototypes)	p29	406 Jun 19##
Graham Dredge	<b>Road vehicles:</b> Hillman Minx owners' club (Tomica 1:64 diecast Isuzu Hillman Minx variants)	p30	406 Jun 19##
Ian Robertson	<b>Diesel buses:</b> A model for a very common Auckland City Bus (1:76 scale Oxford diecast 76SB003)	p31	406 Jun 19##
Darryl Palmer	<b>Car &amp; wagon:</b> Winstone's bulk plaster containers (based on a Shapeways SWF printed pods)	p33	406 Jun 19##
Les Downey	<b>1:64 layout:</b> Interchangeable dioramas (more on a theme introduced by Adrian Howard)	p34	406 Jun 19##
	<b>Obituary:</b> Roger Bennetts 1943 – 2019 (of TALMR layout and Garden City MRC fame)	p35	406 Jun 19##
Graham Dredge	<b>Window on Shopping:</b> Tamiya plastic scribing tool	p36	406 Jun 19##
Graham Dredge	<b>Correction:</b> Lokpilot micro decoder 54684 actually measures 10.5 x 8 x 2.8mm	p36	406 Jun 19##
	<b>Trade news:</b> Greenlight Collectibles 1:64 diecast 1965 Volkswagen Type 3 squareback	p36	406 Jun 19##
	<b>Notices:</b> 9 Mil 50 <sup>th</sup> Anniversary get-together update, correction re Wa crankpin position	p37	406 Jun 19##
	<b>Train Advice:</b> Calendar of railway modelling events, other notices.	p37	406 Jun 19##
Lawrence Boul	<b>Trade news:</b> W class locomotive in 1:48 scale by NZ Finescale (etched nickel silver and lost wax castings from 3D printed masters)	p43	406 Jun 19##
Graham Dredge photos	De504 working a train through the loop at Teihana, and Garratt G99 in the same location.	Back	406 Jun 19##
Brian Smith photo	Dg767 passes through Katikati with a daily full tanker train en route to Hamilton on the Tauranga MRC's modular 1:64 layout	Cover	407 Sep 19##
Neil Ward photos	<b>Journal Jewels:</b> Two views of Neil Ward's 1:34 scale Ab733 at the Hamilton Model Railroaders' Te Awamutu train show, April 2019	p2	407 Sep 19##
Ray Mathewson photo	<b>Prototype:</b> Loading logs on Smith's rail tractor at the skids, March 1969	p3	407 Sep 19##
Brian Smith/Andy Ralph	<b>1:64 layout:</b> <i>Katikati Station:</i> Re-creating the past in model form (Tauranga Model Railway Club)	p4	407 Sep 19##
Graham Dredge	<b>Prototype text and photos:</b> Station file Part 4: Onehunga – the conclusion	p10	407 Sep 19##
Graham Dredge	<b>1:64 layout:</b> Onehunga: the layout (concept).	p13	407 Sep 19##
John Agnew collection	<b>Ohai Railway Board locomotives:</b> Hawthorn Leslie 4-6-2T No.3 and X442 (F2 in foreground)	p14	407 Sep 19##
Paul Berntsen	<b>Motor vehicles:</b> A pair of Ollie Smith's Mamaku bush trucks in 7mm scale (1:43 models and prototype)	p16	407 Sep 19##
Paul Napier/Ray Mathewson	<b>Prototype text and photos:</b> Smith's 1954 0-6-6-0 rail tractor: a short history	p20	407/Sep 19##
Graham Dredge/Raoul Quinn	<b>Prototype:</b> The last cab (an adjunct to Paul Napier's article)	p24	407 Sep 19##
John Whyte	<b>Scenicking:</b> Modelling water on the cheap (toilet paper and PVA glue)	p26	407 Sep 19##
Mark Andrews	<b>Report:</b> Model making weekend Waikanae (with Grant Morrell, David Bewick, Michael Gee, Quentin Roper and Andrew Peters)	p29	407 Sep 19##
Mark Andrews	<b>Tools &amp; techniques:</b> Soldering jigs and clamps (modified clothes pegs and wooden toolmaker clamps)	p30	407 Sep 19##
Graham Dredge	<b>Prototype:</b> Buildings worth modelling (Eltham BNZ)	p33	407 Sep 19##
	<b>Trade news:</b> Prototype NZR Models' 1:64 steam locomotive kits (Ab, G class Garratt, K, Ka, Kb)	p34	407 Sep 19##

Lawrence Boul	<b>Trade news:</b> F class 1:64 etched nickel silver and lost wax cast locomotive kit, progress towards a 3D printed 88-seat railcar kit.	p35	407 Sep 19##
	<b>Notices:</b> 9-Mil 50th Anniversary get-together update.	p36	407 Sep 19##
Michael Hilliar	<b>Postbag:</b> Scammel trucks	p36	407 Sep 19##
	<b>Train Advice:</b> Calendar of railway modelling events, other notices.	p36	407 Sep 19##
Peter Hopcroft/Lexi Browne	<b>Window on Shopping:</b> Oilboard (used for stencils but good for cardboard models too). Excellent service from <a href="http://www.hobbytools.com.au">www.hobbytools.com.au</a> .	p37	407 Sep 19##
Graham Dredge	<b>Trade news:</b> Greenlight Collectibles 1:64 diecast 1939 Chevrolet panel van	p37	407 Sep 19##
	<b>Notices:</b> Rails From the Rubble Convention 2020 news ( <a href="http://modelrailcon.co.nz">modelrailcon.co.nz</a> )	p38	407 Sep 19##
George Hawkins photos	<b>1:64 layout:</b> New views of the <i>Papakura to Huntly</i> layout.	Back	407 Sep 19##