

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 Locomotivery, Tools, etc, and it may often be useful to search by one of these categories.

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

KEY TO CATEGORIES:

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

Trams:	Bush and urban and associated material.
Trackwork:	Track, pointwork, turntables, etc, on which trains run.
Trees:	Trees including tree ferns and cabbage trees.
Wagon loads:	Self-explanatory.
Weathering:	Self explanatory
xx Diorama:	Where xx is a scale ratio, eg, 1:64, indicates an article about a diorama (small scene) to that scale
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	Reviews: 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##
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	Postbag: 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	Photos: Allen Hare's <i>Black Stag Lumber Company</i> convention tour layout	Back	378/Jun 12##
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Chris Bradley	Sixties Style: Ikamatua Sawmills Ltd—part two	p30	379/Sep 12##
Wayne Williams/Peter Ross	Added detail: Towards a better hand grab	p32	375/Sep 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (John Dudson converts Oxford Austin taxi to Austin 10 tourer, Barry Fitzgerald weathers 50ft car).	p36	379/Sep 12##
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	News: 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	Obituary: Edward Ross Hughes	p38	379/Sep 12##
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Peter Ross	Comment: Reflections on a visit to dear old Blighty.	p39	379/Sep 12##
Alec Fenton	Report: Westie NZR modellers learning CAD drawing.	p40	379/Sep 12##
Chris Bradley photos	<i>Ivanhoe & Peveiril</i> on the Lyttelton turntable, October 1973, Ab718 Mt Somers branch, 1967	p40	379/Sep 12##
	Report: Wairarapa Words, Grant Morrell builds 1:34 Xa wagon.	p41	379/Sep 12##
Mike Hamilton photo	Photo: Forgotten World Adventures rail cart emerging from tunnel number 3 near Whangamomona.	p42	379/Sep 12##
Archives NZ	Plan: Bush tramway crossing bush tramway, near Pokaka.	p43	379/Sep 12##

Graham Dredge photos	Postbag: Chris Bradley on the order of F class 'twins' <i>Ivanhoe & Peveril</i> Locomotivery: Lexi Brown's 1:64-scale model of WMR 2-8-2 No.17, later NZR Bc463.	p44 Back	379/Sep 12## 379/Sep 12##
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Peter Ross photos	Journal Jewels: Barry Fitzgerald's Tr15 and Q wagon plus nodding thistle flaxes.	p2	380/Dec 12##
Kevin Crosado photo	Photo: Davidson driver and lokey.	p3	380/Dec 12##
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Brian Eastergaard/Kevin Crosado	Weathering: Bringing the Davidson to life	p9	380/Dec 12##
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Adrian Howard	Structures: Scratchbuilding a cardboard icon (Fleming's Mill Gore)	p12	380/Dec 12##
Grant Fletcher	Car & wagon: Napier Trams—part three	p14	380/Dec 12##
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Kevin Crosado	Text and Photos: Class P three-box hopper wagons (includes wagon numbers) Plan: Class P hopper wagon, drawing 5375 and 5373	p23 p28	380/Dec 12## 380/Dec 12##
Jack Creber/Weston Langford	Sixties Style: Northland lime trains	p30	380/Dec 12##
Paul Mahoney	Rail history: Black brothers [bush tramway], Okarito (includes lokey plan)	p32	380/Dec 12##
Les Downey	Hints and tips: What to do when there's no room for your test track	p34	380/Dec 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (Brendon Lean adds details to Kevin Leigh UK wagon kit).	p35	380/Dec 12##
Terry Bradley	Report: The 28 th Pokaka cultural convocation. Trade news: NZ Finescale, Christchurch Model Supplies, Humbrol, 2012 Westlake Modeler's Annual, Athearn back in production, LGB developments.	p36 p38	380/Dec 12## 380/Dec 12##
	Happy shopping: Low cost height gauge, Alclad II metal finish.	p39	380/Dec 12##
Peter Ross	Comment: Your <i>Journal</i> needs you	p39	380/Dec 12##
Peter Ross	Report: TrainZ 2012	p39	380/Dec 12##
Peter Ross/Kevin Crosado	Obituaries: Allen John Wells, Alan Morton Spencer. Report: Wairarapa Words, <i>Kerosine Creek</i> visits Auckland, Grant Morrell store fronts and lawnmower Review: <i>Reflections on Charming Creek – mills, mines, tramways and walkways of a pioneering West Coast enclave</i> by Bill Prebble (Greg Keay).	p40 p41 p41	380/Dec 12## 380/Dec 12## 380/Dec 12##
	Train Advices	p42	380/Dec 12##
	Postbag: 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	Locomotivery: Non-working 1:64-scale model of Ja1280 based on JG kit.	Back	380/Dec 12##

Peter Ross photo	Photo: On Line Ab722 on John Dudson's One Track Minds module <i>Kakariki</i>	Cover	381/Mar 13##
Kevin Crosado photos	Journal Jewels: Grant Morrell's <i>Nightrunner</i> decalced ZA wagon	p2	381/Mar 13##
Kevin Crosado photo	Photo: Alec Fenton's models of DC4415 and DA512	p3	381/Mar 13##
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Jack Creber photos	50s Focus: Green days at Portland – Portland Peckett No 2, Avonside Nos 7 (formerly PWD508) and 9	p10	381/Mar 13##
Neil Ward	Techniques: Why plastic and why 1:34 scale? – developments in rapid prototyping/3D printing)	p12	381/Mar 13##
Kevin Crosado photos	Locomotivory: DC4415 in 1:64 scale – etched and rapid prototyped model details	p17	381/Mar 13##
Graham Dredge	Electrics: Lighting up my loco shed – LEDs and light strips	p18	381/Mar 13##
Craig Guthrie	Electrics: Making a static grass applicator	p21	381/Mar 13##
Darryl Palmer	Car & wagon: BKC wagons – Kaipara Co-op Dairy Co containers	p23	381/Mar 13##
	Plan: Class UBP bulk plaster wagon	p24	381/Mar 13##
Kevin Crosado	Prototype: UBP and UBK bulk plaster wagons	p26	381/Mar 13##
Paul Napier/Kevin Crosado	Locomotivory: Union Foundries' No 30 of 1940 (includes plan)	p31	381/Mar 13##
Ray Lantz	Added detail: Making fiddly bits – leaf springs	p34	381/Mar 13##
David Batchelor photos	Perspective: Pikipiki Tramways remembered – Merv Smith layouts retrospective	p36	381/Mar 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo EWR wagon in styrene	p37	381/Mar 13##
John Agnew/Paul Woods photos	Trade news: 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##
	Happy shopping: Rivet decals, Faller trees, MRC sound controller	p39	381/Mar 13##
Graham Dredge	Report: K9 run with the Westies – Nine 1:64-scale K and Ka locos get together	p41	381/Mar 13##
	Report: Wairarapa Words – Grant Morrell power poles and <i>Railfreight</i> Z wagon	p41	381/Mar 13##
Peter Ross	Comment: Thoughts on the perfect layout	p39	381/Mar 13##
	Obituary: William (Bill) Roderick Richmond	p42	381/Mar 13##
Greg Keay	Reviews: <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	1:64 Layout: 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	Locomotivory: Close-up of cab area of Alec Fenton's 1:64-scale model of 'Super DA 512'	Cover	382/Jun 13##
Peter Ross photos	Journal Jewels: J3813 built by Peter Ross from a finescale Alec Fenton/Neville Connew kit	p2	382/Jun 13##
E J McClare photo	Photo: Aa654 at Ohakune, January 7, 1953	p3	382/Jun 13##
Graham Dredge	Electrics/ Scenicking: Lighting up buildings (using LEDs)	p4	382/Jun 13##
Darryl Palmer	1:64 Layout: A slice of heaven	p7	382/Jun 13##
Jim Staton	Plan, text and photos: Blackwater school	p12	382/Jun 13##

Russell Smith	Locomotivery: No17, you be a nice looking loco (Brooks Ub)	p17	382/Jun 13##
Ray Lantz	Techniques: Making fiddly bits—appliqué rivets	p20	382/Jun 13##
Les Downey	Road vehicles: An elderly truck (Ford AA from Matchbox MB73)	p22	382/Jun 13##
Kevin Crosado/Graeme McClare	Plan and text: Class Aa locomotive as rebuilt 1940 - 42	p24	382/Jun 13##
	Plans: X12985 Aa cab arrangement	p26	382/Jun 13##
	Plans: X12983 Aa tender tank and bunker arrangement	p27	382/Jun 13##
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E J McClare photos	Locomotivery: Photographs and extended captions, Aa locomotives as rebuilt	p29	382/Jun 13##
Kevin Crosado	Locomotivery/Plan, Photos and text: PWD Planet 40hp 4wPM locos	p34	382/Jun 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Brendon Lean's full size track plan	p37	382/Jun 13##
Darryl Palmer/North Yard photos	Trade news: 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	Comment: The times they are a changin'	p39	382/Jun 13##
Bryan Lawrence photos	Scenes from TrainZ 2012	p40	382/Jun 13##
	Report: Wairarapa Words – Grant Morrell scratchbuilds a batch of 20 J class sheep wagons	p41	382/Jun 13##
	Train Advices	p42	382/Jun 13##
	Happy shopping: 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	Locomotivery: Both sides of Alec Fenton's 1:64-scale model of 'Super DA 512'	Back	382/Jun 13##
Kevin Crosado photo	Locomotivery: Paul Berntsen-built Ww486 seen at Pokaka 2012	Cover	383/Sep 13##
Graham Dredge photos	Journal Jewels: 1:64-scale model of the pioneering MacEwan Pratt railcar	p2	383/Sep 13##
Andy Neilsen photo	Photo: Dsc2680 on Ken Devlin's <i>Leith Valley</i> layout	p3	383/Sep 13##
Andy Neilsen	1:64 Layout: Ken Devlin's <i>Leith Valley</i> locos: an update	p4	383/Sep 13##
John Pudsey	Tools: Build a high speed drill press	p10	383/Sep 13##
Graham Dredge	Electrics: Lighting up – a blinking Fm van (and decoder installation tips)	p11	383/Sep 13##
Spencer Lawry	Structures: Sliding railway yard gates	p15	383/Sep 13##
Archives NZ/Les Hostick/Jack Creber	50s Focus: Pokaka	p18	383/Sep 13##
Wayne Brindle	Locomotivery: Converting a Bachmann Climax tp 1:64 scale	p20	383/Sep 13##
Les Downey	Hints and tips: To clamp or not to clamp (a range of clamps and their usefulness to the modeller)	p22	383/Sep 13##
Kevin Crosado/Archives NZ	Plan, photos and text: PWD9455 Standard drawing 18-stall engine shed, roundhouse pattern	p24	383/Sep 13##
Bruce Geange	Locomotivery: Building an O-gauge TTT Co Mallet locomotive	p33	383/Sep 13##
Ray Lantz	Techniques: Making fiddly bits -- benchwork	p35	383/Sep 13##

E J McClare photos	Locomotivory: Photographs and extended captions, Aa locomotives as rebuilt	p29	383/Sep 13##
Kevin Crosado	Locomotivory/Plan, Photos and text: PWD Planet 40hp 4wPM locos	p34	381/Sep 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Jason Horne's model of Ec7	p37	381/Sep 13##
Darryl Palmer/Mark Andrews/ Paul Woods photos	Trade news: Station Road (NA/NH wagon kits), Mark's Model Works (10ft underframe etch), Woodworks (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	Comment: Fair play or foul? (GST and customs charges on online imports)	p39	383/Sep 13##
	Happy shopping: Red Devil Onetime Spackling (lightweight filler), Warrior brand hobby vice, You Shop, Grandt Line nut/bolt/washers, Gapmaster etched PCB sleepering	p39	383/Sep 13##
Peter Ross	Report: Arthur's Pass 2013	p40	383/Sep 13##
	Report: Wairarapa Words – Grant Morrell, Don Wills and Darryl Palmer modelling weekend, etched bicycle, annual train show	p41	383/Sep 13##
	Train Advices	p42	383/Sep 13##
Kevin Crosado	Review: <i>NZR Stand Alone Mechanical Signal Boxes of the HJ Wynne Era 1900-1929</i>	p43	383/Sep 13##
Paul Woods	Postbag: 'Right' technology	p44	383/Sep 13##
Kevin Crosado photos	Locomotivory: Paul Berntsen's model of Ww486 with some of the detailing explained	Back	383/Sep 13##
Kevin Crosado photo	Locomotivory: Darryl Palmer's model of DA535 photographed on Alec Fenton's Kaipara Flats overbridge	Cover	384/Dec 13##
Alec Fenton photos	Journal Jewels: Littlewood kit J wagons + future AKF Kp on Alec Fenton's Kaipara Flats overbridge	p2	384/Dec 13##
Spike Dodds photo	Locomotivory: G57 close up.	p3	384/Dec 13##
John Pudsey	Locomotivory: Building a Black Hawthorn G: some notes on an award winner	p4	384/Dec 13##
Greg Keay	Report: 1:120-scale NZ modelling update	p8	384/Dec 13##
Stuart Walker	Structure: Fleming's mill -- Invercargill	p12	384/Dec 13##
Peter Ross	Locomotivory: What size is that pipe? (typical diameters of steam locomotive plumbing)	p15	384/Dec 13##
Graham Dredge	Electrics: Lighting up – the end of the train (using LEDs)	p16	384/Dec 13##
Kevin Crosado	Photos, plans and text: X4728 Standard side and tail lamps	p19	384/Dec 13##
Les Downey	Hints and tips: From trash to treasure (storage for wire and brass strips)	p22	381/Sep 13##
Gavin Sowry	1:64 Layout: <i>Glen Road</i> (slightly less than one foot square)	p23	384/Dec 13##
NZ Archives <i>et al</i>	Plans and photos: G-class 4-4-0T locomotive	p24	384/Dec 13##
Kevin Crosado	Locomotivory: Drg 1926A G-class 4-4-0T locomotives	p26	384/Dec 13##
Wayne Brindle	Car & wagon: 1930s private-owner tank wagons (includes signwriting diagrams and DIY decals)	p30	384/Dec 13##
Trevor James	Perspective: <i>Trains in the Tron:</i> the [upcoming] 2014 convention (+ sidebar on Lace Mindheim)	p34	384/Dec 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Brendon Lean's 1:64 Ug wagon in styrene	p37	384/Dec 13##

Mark Andrews/Graham Dredge photos	Trade news: 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	Comment: On getting things done	p39	384/Dec 13##
	Happy shopping: 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	Report: Pokaka 29 – maybe the last cultural convocation at milepost 333	p41	384/Dec 13##
	Train Advices	p42	384/Dec 13##
Greg Keay	Review: <i>Trains, Tunnels, Bridges: Icons of Our NZ Rail History</i>	p44	384/Dec 13##
Kevin Crosado photos	Photos: 1:64-scale Layout: Trains photographed at Pokaka 2013 on Alec Fenton's <i>North Auckland Line</i> module	Back	384/Dec 13##
Peter Ross photo	Locomotivery: Brendon Lean's scratchbuilt model of DC4277	Cover	385/Mar 14##
Grant Morrell photos	Journal Jewels: Don Wills' Kiwi-ised 1:64-scale Vanguard's Leyland Comet	p2	385/Mar 14##
Kevin Crosado photo	Locomotivery: Hudswell Clarke D602 of 1936 shunting at Motat	p3	385/Mar 14##
Brendon Lean	Locomotivery: Build your own diesels from styrene	p4	385/Mar 14##
Darryl Palmer	Car & wagon: Wheel wagon EAR73	p8	385/Mar 14##
Ken Lankshear	Lineside: Small town shop	p11	385/Mar 14##
Wilson Lythgoe/Peter Ross	Plan and photos: 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	Locomotivery: A tale of three small locos (Hudswell Clarke Type D29 of 1936, includes plans)	p18	385/Mar 14##
Kevin Crosado/Graham Bell	Photos, plans and text: NK wagons – the final four wheelers	p24	385/Mar 14##
Ray Lantz	Hints and tips: Making fiddly bits – architectural louvres	p30	385/Mar 14##
Graham Dredge	Electrics: What the Westies are up to: the great signalling project, part 1	p32	385/Mar 14##
Les Downey	Hints and tips: Whose wagon is that anyway? (Adding an identifying label to your models)	p34	385/Mar 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – "old" NZR sign, G wagon underframe, scratchbuilt Wf loco, Wa body repairs	p36	385/Mar 14##
Mark Andrews/Graham Dredge	Trade news: Mark's Model Works (additional underframe etches), Westimation (level crossing flasher and photos bell sound module), Woodworks (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##
	Obituary: Eric Frederic Burns, 24 July 1922 – 6 January 2014	p39	385/Mar 14##
Peter Ross	Comment: No man is an island entire of itself ...	p39	385/Mar 14##

	Happy shopping: 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##
	Train Advices: Coming events	p42	385/Mar 14##
Peter Ross	Report: Show Weekend in Blackball	p43	385/Mar 14##
Darryl Palmer	Review: Cross Creek UBW kitset	p43	385/Mar 14##
	Postbag: Paul Andersen-Gardiner seeks information about carriages at Te Aute c1887	p45	385/Mar 14##
Bryan Lawrence photos	Locomotivery: Portraits of Kelvin Barry-built JG kitset locos, Ja1267 and J1211	Back	385/Mar 14##
Barry Fitzgerald photo	Locomotivery: Barry Fitzgerald's best-in-show Heisler pictured on his layout	Cover	386/Jun 14##
Graham Dredge photos	Journal Jewels: Graham Dredge's Model T railcar ex an Ironhorse Hobbies kit.	p2	386/Jun 14##
Grant Morrell photo	Locomotivery: The front engine unit of Grant Morrell's G class Garratt	p3	386/Jun 14##
Grant Morrell	Locomotivery: The 1:64-scale NZR G-class Garratt build (step-by-step from the JG kit)	p4	386/Jun 14##
Kevin Leigh/Brendon Lean	Car & wagon: The UK wagon: once it was the highsider that ruled the rails, now it is the no-sider	p8	386/Jun 14##
Peter Ross	Report: Hamilton convention 2014	p12	386/Jun 14##
Graham Dredge	Car & wagon: Very rare NZR kits? (The Ironhorse Hobbies Model T railcar and trailer)	p22	386/Jun 14##
KiwiRail	Plan: UKH general-purpose flat-deck container wagon	p24	386/Jun 14##
Soren Low	Plan, text and photos: UKH wagons	p26	386/Jun 14##
Tim Parkinson	Operation: Why run trains? (NZR layout with car-card system)	p30	386/Jun 14##
Trevor James	Scenicking: Trevor James' cabbage trees and ferns	p35	386/Jun 14##
Peter Ross	Report: 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	Photo: A scene on the late Paul Scoles' Pelican Bay Railway & Navigation Co layout	p37	386/Jun 14##
Lawrence Boul	Trade news: NZ Finescale Fell van kit, website upgrade.	p37	386/Jun 14##
	News: TrainZ14; future NZAMRC conventions	p37	386/Jun 14##
	Obituary: Vale Paul Scoles	p38	386/Jun 14##
	Happy shopping: Ados GreenStik, LED desk lamp, blowtorch, magnifying safety glasses, Glowire, Dye'n'shine, Model Railroad Hobbyist magazine	p38	386/Jun 14##
Peter Ross	Comment: Togetherness: it's fun ... and productive	p39	386/Jun 14##
	News: Hornby loss, Vollmer shuts doors, Model Power-Mantua hits buffers	p39	386/Jun 14##
Peter Ross	Report: Arthur's Pass 2014	p40	386/Jun 14##
Peter Ross	Hints & tips: Soldering iron hints	p41	386/Jun 14##
	Train Advices: Coming events	p42	386/Jun 14##
Peter Ross/Kevin Crosado/Greg Keay	Reviews: <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 & Railway</i> by Gary Riggs	p43	386/Jun 14##
Mike Coghlan	Postbag: Dinwoodies' Mill (mill and bush tramway near Pokaka)	p45	386/Jun 14##
Barry Fitzgerald/Alex Smith photos	Locomotivery: Barry Fitzgerald's top-scoring 1:64 Heisler ex HO RTR model. Car & wagon: Alex Smith's 1:64 scratchbuilt Ongarue van, winner of the Guild Trophy.	Back	386/Jun 14##
Peter Ross photo	Locomotivery: A Model Company-built Q346 passing Eweburn on the 1:34 <i>Ida Valley</i> layout	Cover	387/Sep 14##
Kevin Crosado photos	Journal Jewels: Mamaku bush tram jiggers converted from 1:43-scale Fords by Paul Berntsen	p2	387/Sep 14##
Peter Ross photo	1:34 Layout: G99-headed train passes another goods near Eweburn on the 1:34 <i>Ida Valley</i> layout	p4	387/Sep 14##
Peter Ross	1:34 Layout and track plan: <i>Ida Valley</i> : A look back at one of the most notable NZR layouts to date	p5	387/Sep 14##
Graham Dredge	Scenicking: Asti's tree: How he made a tiny native forest diorama.	p11	387/Sep 14##
Andy Neilsen	Locomotivery: 1:64-scale cardboard locomotive construction, Ken Devlin style	p12	387/Sep 14##
John Le Cren photos	50s Focus: The 1957 Waikokopu slip	p14	387/Sep 14##
Peter Hopcroft	Tools: The noble piercing saw: one of the scratchbuilder's most useful tools	p16	387/Sep 14##
Graham Venning	Trackwork: Tracklaying master class: Part one—hand laid track	p19	387/Sep 14##
Les Frost	Trackwork: Keeping track noise down	p23	387/Sep 14##
Kevin Crosado/Juliet Scoble	Plan, text and comprehensive photos: CC wagons	p24	387/Sep 14##
Ray Lantz	Scenicking: Making fiddly bits: fungus, moss and lichen	p31	387/Sep 14##
	Finer details: Fire buckets (photos and plan Y35748)	p34	387/Sep 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – Ian Hammond and Hugh Daubney visit, Kevin Leigh USQ and NH wagons	p36	387/Sep 14##
	Trade news: 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##
	News: Pokaka 30 info, new owner for <i>Railroad Model Craftsman</i>	p37	387/Sep 14##
	Happy shopping: Small lathe, Lokprogrammer cable, nut and bolt detail, double-sided tape	p39	387/Sep 14##
Peter Ross	Comment: <i>Unus pro omnibus, omnes pro uno</i> : all for one and one for all	p39	387/Sep 14##
Peter Ross	Review: <i>Stop the train I want to get on: Rediscovering NZ rail journeys</i> by Graham Hurchins	p40	387/Sep 14##
Neil Ward	Photo report: 3D printed cars and van, and professionally built Ka and J locos at the Hamilton train show	p40	387/Sep 14##
Grant Fletcher	Postbag: Model T Ford railcar (another one, with pictures)	p44	387/Sep 14##
Neil Ward photos	Car & wagon: One piece 3D printed X25065 50ft car and Urc wagon in 1:34 scale	Back	387/Sep 14##
Kevin Crosado photo	Locomotivery: Paul Berntsen's 1:19 scale model of Orenstein & Koppel No.1411 <i>Bertha</i>	Cover	388/Dec 14##
Peter Ross photos	Journal Jewels: Two views of Alec Fenton's etched and 3D printed 30ft steel guard's van	p2	388/Dec 14##

Graham Dredge photo	1:64 Diorama: Glen Metcalf's 100mm square <i>Beachside Caravan</i> diorama	p3	388/Dec 14##
Graham Dredge words and photos	1:64 Dioramas: Twelve Square Westies, 12 Auckland Westies build 100mm-square dioramas	p4	388/Dec 14##
Paul Berntsen	Locomotivery: Bertha, a 1:19-scale Orenstein & Koppel 0-4-0WT	p7	388/Dec 14##
John LeCren photos	Sights of the Seventies: Kaikohe Branch	p12	388/Dec 14##
Brendon Lean	Weathering: The UK (and other wagons) – part 2	p14	388/Dec 14##
Graham Venning	Trackwork: Tracklaying master class: Part two—a simpler form of hand laid track	p19	388/Dec 14##
Stephen Duffell	Trackwork: A useful turntable/traverser	p22	388/Dec 14##
NZR&LS	Plans: OP2589/2 and OP2589/6 demountable petrol tanks for Mcp wagons	p24	388/Dec 14##
Kevin Crosado	Photos, plan and text: Mcp container tank wagons	p26	388/Dec 14##
Peter Ross	Report: 1:48 – a new scale on the block?	p32	388/Dec 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – overload protection bulbs, pick-up problem	p37	388/Dec 14##
	Trade news: Station Rd NA/NH, Right Track neon signs, NZF micro drills	p38	388/Dec 14##
Grant Morrell	Report: Pokaka 30	p37	388/Dec 14##
Peter Ross	Comment: An approach	p39	388/Dec 14##
Peter Ross	Report: TrainZ14	p40	388/Dec 14##
	Happy shopping: Lenz touchcab, LED magnifying lamp, Q-cells, Russian truck kit	p40	388/Dec 14##
	News: 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	388/Dec 14##
Kevin Crosado	Reviews: <i>Finescale Railway Modelling</i> , <i>Ferrymead 50</i>	p40	388/Dec 14##
Ian Jenner	Postbag: Erua and Mamaku	p44	388/Dec 14##
Kevin Crosado photos	Locomotivery: Two views of Paul Berntsen's 1:19-scale Orenstein & Koppel	Back	388/Dec 14##
Peter Ross photo	Photo: Daryl Roe's Dg passing Trevor Corrin's two-arm semaphore signal on the OTM layout	Cover	389/Mar 15##
Peter Ross photos	Journal Jewels: Two views of Daryl Roe's un-recabbed dummy Dg at AP14.	p2	389/Mar 15##
Peter Ross photo	1:24 layout: Ja1268 on Kerry Patterson's <i>Ashburton Forks Railway</i>	p3	389/Mar 15##
Peter Ross	1:24 layout: NZR in the garden: <i>Ashburton Forks Railway</i>	p4	389/Mar 15##
Peter Ross	Machinery: Gravel extraction workhorse – Gordon Barr's 19-RB dragline.	p10	389/Mar 15##
Nelson Kennedy	Car & wagon: A finely-detailed 1:64-scale J wagon body ready for paint in one evening.	p12	389/Mar 15##
Graham Dredge	Tools: Tools you wonder how you did without	p15	389/Mar 15##
Graham Venning	Trackwork: Tracklaying master class: Part three—hand-laid turnouts	p17	389/Mar 15##
Peter Ross	Weathering: Improving printed textures.	p23	389/Mar 15##
Peter Ross	Techniques: Easy end rails	p23	389/Mar 15##
Kevin Crosado	Plan and photos: PWD24358 station building as at Katikati and Te Puke	p24	389/Mar 15##
Kevin Crosado	Station File: Katikati Station (includes good shed and yard plan)	p30	389/Mar 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – headlight reflector, 3D Dsc body, 3D Tr body and chassis	p35	389/Mar 15##

Peter Ross	Trade news: DCC Concepts etched sleepers, track gauges, solder and flux, NZ48 whitemetal 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##
	Comment: Situations vacant	p39	389/Mar 15##
	Obituaries: Jim Pilkington, John Brewer	p40	389/Mar 15##
	Trade news: Hornby trading update	p39	389/Mar 15##
Peter Ross	Review: DCC Concepts Sapphire Solder and flux, etched sleepers and track gauges;	p40	389/Mar 15##
Kevin Crosado	Review: The Wairarapa Class Railcars and Rimutaka Incline – inception, design operation by Richard Heine	p41	389/Mar 15##
Trevor Cheer	Review: West Coast Enginemen by Ian Tibbles	p43	389/Mar 15##
	News: 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	389/Mar 15##
Kevin Crosado	Reviews: <i>Finescale Railway Modelling</i> , <i>Ferrymead 50</i>	p40	389/Mar 15##
Ian Jenner/Paul Napier	Postbag: <i>Bertha</i> , notes and photos; Mamaku Bush jiggers	p44	389/Mar 15##,
Peter Ross photos	Car & wagon: Kerry Patterson's scratchbuilt 1:24-scale 30ft clerestory van and Xa wagon	Back	389/Mar 15##
Peter Ross photo	1:64 layout: An early morning start as Wf401 shunts the Glasnevin ballast pit	Cover	390/Jun 15##
Peter Ross photos	Journal Jewels: Tim Marshall's scratchbuilt 1:64-scale 44/48hp Ruston & Hornsby 0-4-0 loco	p2	390/Jun 15##
Kevin Ward photo	1:34 layout: Wab 786 on the Hamilton railway bridge	p3	390/Jun 15##
Keith Rimmer	1:148 layout: <i>Six Mile Bush</i>	p4	390/Jun 15##
Neil Ward	Techniques: The tale of the Hamilton railway bridge (3D printing on a grand scale)	p12	390/Jun 15##
Colin Barry	Prototype: Scenes you could model: South Beach ballast pit	p15	390/Jun 15##
Peter Ross	1:64 layout: Glasnevin ballast pit (modelling stratified gravels)	p19	390/Jun 15##
Les Downey	Weathering: Authentic colours and weathering	p23	390/Jun 15##
Kevin Crosado	Plan, text and photos: The Davidson 0-6-0Ts (<i>Weka</i> and kin)	p24	390/Jun 15##
Kevin Crosado	Finer details: Station nameboards. Gore, Tawa Flat, Stratford, Waiouru, Petone, Rauponga, Penrose Arthur's Pass, Otiria, Tiroroa	p32	390/Jun 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – Pahia Station, Arduino controller, round-topped windows	p37	390/Jun 15##
	Trade news: 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	Obituary: Brian Eastergaard	p40	390/Jun 15##
Peter Ross	Comment: Home thoughts from abroad	p39	390/Jun 15##
	Obituary: Dave Moore, Bob Barlow, Ian Allen, Steve Stevens-Stratton, Richard Wrenn	p40	390/Jun 15##
Maurice Duston	Photos: Two views of the late Dave Moore's layout	p40	390/Jun 15##
	Happy shopping: Parallel action pliers, wheel puller, rotary wire brush, 0.5mm PCB	p41	390/Jun 15##

Kevin Crosado	Review: <i>Railroad Model Craftsman</i>	p43	390/Jun 15##
Graham Dredge	Postbag: Solder and flux, comment on Sapphire Solder review	p43	390/Jun 15##,
Grant Morell photos	Photos: Grant Morrell's 1:64-scale Kia Ora Dairy, real and modelled	Back	390/Jun 15##
John Agnew photo	Locomotivery: 1:64-scale T106 in 19 th century condition, built by Lexi Browne, painted by David Fletcher	Cover	391/Sep 15##
Peter Ross photos	Journal Jewels: Robin Knight's 1:64-scale brass models of Eb26 and NZ Co-op Dairy's Goodman	p2	391/Sep 15##
EJ McClare photo	Photo: Eb28 at Addington	p3	391/Sep 15##
Adrian Howard	1:64 layout: <i>The Longford and Pomona</i> (or whatever happened to the Fleming's Creamota Mill model?)	p4	391/Sep 15##
Grant Fletcher	Trams/Bits and bytes: DCC and trams	p10	391/Sep 15##
Graham Dredge	Tools: Better ways of cleaning your track and wheels	p13	391/Sep 15##
Peter Ross	Report: The Best of British: Some top layouts from the other side of the world	p15	391/Sep 15##
Peter Ross	Scenicking: The <i>Bucks Hill</i> backscene	p20	391/Sep 15##
Les Downey	Tools: Watch out son, Daddy's got your Lego again. Checking wagon height, width, overhang, etc.	p22	391/Sep 15##
Brian McKenzie	Plan and rendering: Eb26 battery-electric locomotive	p24	391/Sep 15##
Kevin Crosado	Prototype: Eb-class battery-electric locomotives	p26	391/Sep 15##
Alex Smith	Scenicking: <i>Awakino</i> : A slice of classic NZ scenery in 100mm x 100mm	p31	391/Sep 15##
JM Creber & Trevor Cheer	Lineside: Water vats and standpipes at Ohakune	p34	391/Sep 15##
Wayne Brindle	Locomotivery: Improved North Yard chassis drive – A better silicone rubber coupling	p36	391/Sep 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – Weathered Dj3194, CMP tow truck, Fairlie mock-up	p37	391/Sep 15##
	Trade news: Railmaster Exports T kits, Trackgang NZ120 wheels and Shapeways bodies, Fleischmann insolvent, <i>Narrow Gauge & Shortline Gazette</i> on disc, Kader/Bachmann do better, new CE at Rail Heritage Trust	p40	391/Sep 15##
Peter Ross	Report: AP15 modelling weekend at Arthur's Pass	p38	391/Sep 15##
Peter Ross	Obituary: <i>Model Railroader</i> former editor Andy Sperandeo	p39	391/Sep 15##
Peter Ross	Comment: Convention 2016 is a 'comin'	p39	391/Sep 15##
	Happy shopping: <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	Review: <i>Model Railroad Hobbyist</i> , TOMA (The One Module Challenge), Sketchup tutorial	p43	391/Sep 15##
Ken Lankshear	Comment: GST on offshore purchases – an update	p43	391/Sep 15##,
Greg Moore, Mark Denne, Peter & Sue l'Anson, John Agnew	Postbag: Dave Moore obit, Thanks, Dairy or Diary? Off-colour images	p44	391/Sep 15##
John Agnew	1:64 layout: 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	Back	391/Sep 15##

Peter Ross photo	1:64 layout: A Dg-hauled goods passes Totara on Peter Kearns' <i>Waimanu</i> layout	Cover	392/Dec 15##
Graham Dredge photos	Journal Jewels: 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.	p2	392/Dec 15##
Peter Ross photo	Photo: The signal box built by the late Keith Collins for <i>Waimaru</i>	p3	392/Dec 15##
Peter Kearns	1:64 layout: <i>Waimaru</i> . Based on Oamaru and featuring an accurate model of the Troup station.	p4	392/Dec 15##
Les Downey, Daryl Palmer	Road vehicles: From rail to road: Converting diecast trucks into horse floats	p11	392/Dec 15##
Graham Dredge	Electrics: Build a static grass applicator for under \$20 (fly swat conversion)	p15	392/Dec 15##
Paul Berntsen	Tools: Solder hotplate (a method for laminating large areas of brass or nickel silver)	p16	392/Dec 15##
Grant Fletcher	Trams: Napier trams – the Boons. Scratchbuilding from old photos	p17	392/Dec 15##
Rex Morgan	Sixties style: Loading sawn timer at Gladstone, TeKinga, Ross and Arnold	p20	392/Dec 15##
Nelson Kennedy	Locomotivery: Interesting locomotive development: Hudswell Clarke with pulley drive	p22	392/Dec 15##
Brian McKenzie	Plan: Eb25 (converted to diesel-electric, as held at MOTAT)	p24	392/Dec 15##
Kevin Crosado	Prototype: Eb-class genset locomotives (conversion of Goodman battery-electric Ebs to diesel-electric)	p26	392/Dec 15##
Peter Ross	Report: 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	p36	392/Dec 15##
	Trade news: Railmaster Exports 55ft turntable, Accucraft Australia 1:35-scale steam tram, Warners magazine buy-up, Hornby profit warning, International model railway day	p37	392/Dec 15##
Mark Denne	News: Reported that <i>Weka</i> was in Timaru by 1879	p37	392/Dec 15##
Grant Morrell	Report: Pokaka 31: Another great weekend at the Taylor Memorial Lodge	p38	392/Dec 15##
Peter Ross	Comment: Your Guild needs a few of you	p39	392/Dec 15##
	Happy shopping: 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	p40	392/Dec 15##,
David McCallum	Report: News from the south. Trevor McMurdo's models of B303 and an Invercagill house	p40	392/Dec 15##
Phil Smith	Review: <i>More than just a place to work:</i> A history of Dunedin's Hillside Workshops	p43	392/Dec 15##
Bill Lloyd, Gordon Johnson	Postbag: Kudos and models for sale, Congratulations	p43	392/Dec 15##,
Neil Ward photos	1:34 layout: 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	Back	392/Dec 15##
Graham Dredge photo	1:64 diorama: Ethan's Family Butcher shop by night	Cover	393/Mar 16##
Grant Morrell photos	Journal Jewels: 1:120 Shapeways-printed Wb and coal hoppers	p2	393/Mar 16##
NZRLS archive photo	Photo: Covered bank for loading dry timber at Ellis & Burnand, Magapeehi	p3	393/Mar 16##
John Agnew	1:64 layout: <i>Greymouth to Otira in steam days</i>	p4	393/Mar 16##
Graham Dredge	Hints & tips: DCC cards for Dummies and/or those with senior memories	p15	393/Mar 16##

Chris Bradley, Alan Curtis, Paul Berntsen	Perspective: 50 years of conventions	p17	393/Mar 16##
Les Downey	Car & wagon: My scratchbuilt 13335mm [44ft] wooden guard's van	p20	393/Mar 16##
Cedric Green	Plan and photos: 44ft F brake van	p24	393/Mar 16##
Paul Mahoney, Colin Zeff	Prototype: Sawmill engineering in New Zealand	p28	393/Mar 16##
Peter Ross	Report: 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	Obituary: Barry Brickell, 29 October 1935 – 23 January 2016	p40	393/Mar 16##
	Trade news: 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	Comment: The idea is to create an illusion	p41	393/Mar 16##
	Train advice: Coming events for NZ modellers	p42	393/Mar 16##
	Happy shopping: 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	1:64 diorama: Day and night on the same small town street scene	Back	393/Mar 16##
Peter Ross photo	1:148 layout: 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	Journal Jewels: Kevin George's JG Models Ja1274 seen on Graham Dredge's layout	p2	394/Jun 16##
Kevin Crosado photo	Photo: Michael Gee's Wellington competition-winning cable car winding house.	p3	394/Jun 16##
Reuben Romany	1:148 layout: <i>NZR in 1:148 scale</i> , Reuben Romany's portable <i>Cascade</i> layout	p4	394/Jun 16##
Darryl Palmer	Car & wagon: NE class four-wheel flat top wagon	p8	394/Jun 16##
	Plan, photos and road numbers: NE class four-wheel flat top wagon	p10	394/Jun 16##
Kevin Crosado	Structures: Jacksons post office (photos and text)	p14	394/Jun 16##
Paul Mahoney, Colin Zeff	Prototype: Sawmill engineering in New Zealand	p28	394/Jun 16##
Peter Ross	Report: Railways @ the Racecourse convention 2016	p18	394/Jun 16##
MJM McLeod, DG Jack	Plans and photos: 20ft and 35ft steel plate girder spans, PWD38381, 38182	p24	394/Jun 16##
Kevin Crosado	Photographs: Railways @ the Racecourse convention 2016	p31	394/Jun 16##
Peter Ross	Report: Christchurch NZR Modellers' Group. Standard railcar interior, PK container wagon, CF wagon NZ Finescale end railings, 3D printed Wf body	p36	394/Jun 16##
	Trade news: 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	News: 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##
	Corrections: Ub330, not Q, sawmill article.	p38	394/Jun 16##
Peter Ross	Report: Blenheim Model Railway Group (BMRG)	p39	394/Jun 16##

Peter Ross	Comment: What do you think?	P39	393/Mar 16##
	Train advice: Coming events for NZ modellers	p42	394/Jun 16##
	Departures: Les Hostick, H Lee Riley, Chick Yungkurth	p24	394/Jun 16##
	Happy shopping: Guillotine used as magnetic jig, RapidFix adhesive system,	p43	394/Jun 16##,
Colin Zeff photos	1:64 layout: Three photos of the late John Yolland's layout	p44	394/Jun 16##
	Review: <i>Selling the dream—Classis NZ Tourism Posters</i>	p44	394/Jun 16##
	Members' ads: Layout and models for sale ex deceased estate	p45	394/Jun 16##
Peter Ross photos	1:32 layout: 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	Journal Jewels: 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	Photo: Climax 1317 at Ngaroma Mill, c1955	p3	395/Sep 16##
Michael Gee	Structure: Notes on a model winding house	p4	395/Sep 16##
Gordon Barr	Scenicking: Making a macrocarpa hedge	p8	395/Sep 16##
Michelle Andrews	Locomotivery: Project winter soldier: a cautionary tale	p11	395/Sep 16##
Alex Smith	Scenicking: Nikau: modelling a distinctive piece of New Zealand	p17	395/Sep 16##
Don Wills	Tools: The right height: measuring coupler pad height.	p22	395/Sep 16##
Ken Williamson	Plans: Climax 1317	p24	395/Sep 16##
Paul Mahoney	Trams: Climax 1317 — part one	p28	395/Sep 16##
Brian McKenzie	Plan: Eb25 (converted to diesel - electric, as held at MOTAT)	p24	395/Sep 16##
Kevin Crosado	Prototype: Matata station file. Includes station and yard plans	p26	395/Sep 16##
Peter Ross	Report: 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##
	Trade news: 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	Report: SKIMers: a weekend for modelling mates	p38	395/Sep 16##
K Crosado/Neil Andrews/Peter Ross	Obituaries: Euan McQueen 1937 – 2016; Jack Raffills 1938 – 2016; Athol Hamilton 1936 – 2016	p38	395/Sep 16##
Peter Ross	Comment: More than one way	p41	395/Sep 16##
	Happy shopping: 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	Locomotivery: 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	Journal Jewels: Ken Cousins'-built 1:64-scale DQ and QR models from 3D printed masters.	p2	396/Dec 16##
Graham Radcliffe photo	Photo: Looking along Staircase Viaduct.	p3	396/Dec 16##
Ray Sofio	Bridges: Modelling a lattice girder viaduct – Making a start (Staircase).	p4	396/Dec 16##
Paul Mahoney	Trams: Climax 1317 — part two	p12	396/Dec 16##
Paul Mahoney	Trams: Restoring Climax 1317	p19	396/Dec 16##
Ken Williamson	Trams: Detailed drawings of Climax 1317	p22	396/Dec 16##
	Plan: Matata goods shed, PWD25987	p24	396/Dec 16##
Kevin Crosado	Station file: Matata	p24	396/Dec 16##
Brian McKenzie	Plan: Eb25 (converted to diesel - electric, as held at MOTAT)	p24	396/Dec 16##
Kevin Crosado	Prototype: Matata station file. Includes station and yard plans	p26	396/Dec 16##
Peter Ross	Report: 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##
	Trade news: NW Model Works improved quality custom 3D printing service	p37	396/Dec 16##
Grant Morrell/Kevin Crosado	Report: 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	Comment: Thinking about the unthinkable	p41	396/Dec 16##
	Happy shopping: 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##,
Merv Smith	Postbag: Kitset steam locomotives vs sharper curves	p44	396/Dec 16##
Kevin Crosado photos	Locomotivery: 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	Journal Jewels: 1:76 Tasrail DQ and QR locos that Steve Williams scratchbuilt from styrene and brass.	p2	397/Mar 17##
Peter Baker photo	Photo: Ab778 on the turntable at Tuatapere.	p3	397/Mar 17##
Nelson Kennedy	Car & wagon: Are we there yet? A journey further into 3D-printed models (J-5 sheep wagons).	p4	397/Mar 17##
Lindsay Thompson	Locomotivery: Hornby <i>Terrier</i> transformed. (1:76 <i>Terrier</i> becomes 1:48 Davidson lookalike.)	p8	397/Mar 17##
Neil Andrews/Peter Ross	Structures/prototype photos: Laser-cut engine shed. Not. (Using a saw to cut frames from thin MDF.)	p11	397/Mar 17##
Tony Simons	Techniques: Rivet detail using decals. (Micro Mark O-scale rivet decals).	p16	397/Mar 17##

Gordon Barr	Wagon loads/prototype photos: Flour traffic the traditional way. (Flour sacks from Sculpey modelling clay.)	p19	397/Mar 17##
Graham Dredge	Report: Westies' rumblings	p21	397/Mar 17##
Craig Galilee	Scenicking: Creating cracked-soil effect for Coyote Ridge.	p23	397/Mar 17##
	Plans: British-type La wagons, drawings X7040, Y7046, Y7051	p24	397/Mar 17##
Kevin Crosado	Text and photos: Drawing X7040 La wagons		
Peter Ross	Report: Christchurch NZR Modellers. Jason Horne's English Electric Df weathered with oils, Colin Barry's John Gardener Uc.	p37	397/Mar 17##
	Trade news: NZ Finescale 3D-printed steam loco detail parts and etched W class loco. Branchlines etched brass G wagon kit.	p38	
	News: AMRA 2017, NZAMRC Convention 2018 Committee, Australian Narrow Convention, Mt Albert Scale Lumber sold, Scale Hardware sold, Caboose Hobbies reopens, <i>Narrow Gauge & Shortline Gazette</i> sold, <i>Model Railroader</i> 1000 th , <i>Model Railways On-Line</i> magazine, new <i>British Railway Modelling</i> editor, NZMR Guild AGM.	p38	397/Mar 17##
Pete van Grinsven	Comment: The hobby is in great shape	p41	397/Mar 17##
	Happy shopping: Micro motors from eBay, hand drill and fine-wire cutters from Banggood, ABS styrene channel. 1.8mm clear LEDs, miniature ball bearings, 10 kinds of plastic spur gears, all from eBay.	p41	397/Mar 17##,
Peter Ross	Obituary: Peter Parker 1925 – 2017.	p43	397/Mar 17##
	Notices: New <i>Journal</i> editor required, <i>Journal</i> retail price adjustment, magazines to give away.		
Kevin Crosado photos	Car & wagon: 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 <i>Model Company</i> -built Da1409 hauls 56ft cars over Neil Ward's 1:34 model of the Hamilton Bridge.	Cover	398/Jun 17##
Alex Smith photos	Journal Jewels: Alex Smith's 1:64-scale diecast 1949 Studebaker pick-up truck and army Jeep.	p2	398/Jun 17##
EJ McClare collection photo	Photo: Vulcan Foundry Jb at Hamilton c1902	p3	398/Jun 17##
Keith Rimmer	1:148 layout: <i>Konake</i> – a King Country settlement	p4	398/Jun 17##
Les Downey	Locomotivery: 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	Our Heritage: Ab832, North British 23190 of 1925.	p16	398/Jun 17##
Gordon Barr and Peter Ross	Structures: Background houses (half-relief)	p16	398/Jun 17##
	Plan: Standard B2 Railway house front elevations	p23	398/Jun 17##
Archives NZ	Plan: Vulcan Foundry type Jb 2-6-0 general arrangement drawings	p24	398/Jun 17##
Kevin Crosado	Text, plans and photos: Vulcan Foundry Jb locomotives	p27	398/Jun 17##
Peter Ross	Report: Christchurch NZR Modellers. <i>Any old iron layout</i> , home built FDM 3D printer, Hudswell Clarke rail tractor, NZF 3D printed dunny.	p37	398/Jun 17##
	News: NZAMRC national convention to be hosted by North Shore MRC, attempted Hornby takeover.	p38	398/Jun 17##

Peter Ross photos	Photo report: Arthur's Pass 2017 modelling weekend.	p38	398/Jun 17##
	Happy shopping: 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	Comment: Tinkering: a good or bad thing?	p41	398/Jun 17##
	Reviews: Barclay Locomotives of NZ by Sean Millar	p43	398/Jun 17##
	Postbag: Getting round the bend from Peter Sansom, Kahibah, NSW.	p43	398/Jun 17##
	Member's Ads: Tenders sought for disposal of Glenorchy Model inventory.	p43	398/Jun 17##
Peter Ross photos	Locomotivery: 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	Journal Jewels: Scratchbuilt 1:64-scale Makatote Viaduct lookalike from styrene wire and balsa wood.	p2	399/Sep 17##
Archives NZ photo	Photo: Climax 898 at Manunui, c1922.	p3	399/Sep 17##
Sean Heenan	1:64 layout: Rebuilding the Motat model railway.	p4	399/Sep 17##
Kevin Crosado/Archives NZ photos	Our Heritage: Photos and notes on Gamman & Co's Climax 898 at Manunui in 1929.	p10	399/Sep 17##
Grant Morrell	Perspective: The next big thing (on moving from 1:64 scale to 1:48 scale).	p12	399/Sep 17##
Ross Olliver	Techniques: From this ... to this. (Aging and weathering ETC and UR wagons step by step.)	p15	399/Sep 17##
Graham Dredge	Hints and tips: Dodo (a clever railing device).	p18	399/Sep 17##
Bruce Shalders	Book preview: Railway house photos left over from <i>Railway Houses of NZ</i> .	p20	399/Sep 17##
Les Downey	Structure: Round the back. (Building a goods shed for the Kingston Branch.)	p22	399/Sep 17##
Brian McKenzie	Plan, photos and 3D rendering: 20-ton side-tip truck PWD72421	p24	399/Sep 17##
Kevin Crosado	Text, photos and plan: Harbour stone tip-trucks	p28	399/Sep 17##
Peter Ross	Report: 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##
	Trade news: 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##
	News: Pokaka 2017, NZAMRC 2018 convention, Peco acquires Parkside business, Hornby saga.	p39	399/Sep 17##
	Happy shopping: 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	Report and photos: TrainZ17 modelling weekend.	p43	399/Sep 17##
Peter Ross	Comment: Our tools are evolving	p41	399/Sep 17##

Reviews: *Railway Houses of NZ* by Bruce Shalders; *Creating a Backscene: A Railway Modelling Companion* by Paul Bambrick and John Ellis; *One Hundred Years of Trust* by Alan Dick.

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Postbag: *Konake*, from Graeme Brown, Paraparaumu.

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Kevin Crosado photos

Locomotivity: 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.

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