The New Newsletter
The NTRAK Modular Railroading Society, Inc.

March/April, 2012

Winterfest 2012 Photos and Story

This is the left half of the “Japanese Gardens” module with Mt. Fuji in the background. This module won First Prize in the “Favorite Module Contest” voted on by the public. The module was also featured in the last NTRAK Newsletter. More on page 8.

This is a 4’ straight by Bob Phillips that was awarded the “Paul Ohegyi Scenery Excellence Award”. The award consists of an ornamental plaque with a paint brush stuck in a chunk of Hydracal and assorted other scenery elements. The recipient gets to display the plaque for one year, until the next Winterfest.
The New NTRAK Newsletter
Designed by Lee

The This issue of the Newsletter is 20 pages, rather than the 24 pages used for the last few years. I didn’t have enough material on hand for a larger issue.

Things continue to be in a turmoil here with my wife Lee in a Memory Loss facility, preparing our home for sale and disposal of our collections. Lee was adapting to her new “home” but fell and had a hairline fracture which has been pinned. She will be in rehab for awhile.

Make Your Plans for Australia in 2013!

The 13th National Australian N Scale Convention will be held in Melbourne from 12th to 14th April 2013 at Rydges Bell City in Preston, Melbourne.

The Convention web site is: http://convention2013.nscale.org.au/ and the email address is: nscale2013@bigpond.com

If anyone is interested and would like to get updates on the Convention, send your name, city/state and email address to: nscale2013@bigpond.com

T-TRAK kit orders are now sent to the NTRAK Order Department in Richardson, TX or to the NTRAK website www.ntrak.org.

I can continue to produce the T-TRAK kit parts as long I am living in my present home. The custom power saw that I use is not suited for an apartment.

The kits are a low volume and low profit project to furnish module bases to modelers without woodworking tools. I was doing similar bases for some of Lee’s other projects, which justified the equipment.

Photo of a T-TRAK modulet in one of the three T-TRAK layouts at the Great Train Expo show in Council Bluffs, Iowa.
New from Micro-Trains®

The re-run Great Northern two bay hopper, red with white lettering and a black and white logo is road number GN 73363. It includes a coal load and is MT #055 00-060 and $24.60.

The white 50' rib side boxcar with a 10' red plug door and no roof walk has large “SOO LINE” in black letters on the sides and road number 15760. $21.90 and MT 027 00 340.

There are two road numbers, NP 73606 and NP 73620 for the black three bay hoppers with coal loads. The lettering is white on MT 108 00 211 & 212. Price is $20.40.

Pennsylvania paired window, Tuscan Red, 78' heavyweight passenger car # 1006. Cars like this were pulled behind GG-1 Electric locomotives from the 1930s through the 1960s. MT #145 00 050 is $24.30.

This colorful Milwaukee Road 50' standard plug door boxcar has an aluminum roof with roof walk, black ends, and maroon sides with a wide yellow stripe. The road number is MILW 2623 on this reprint, MT 032 00 420 and $23.25.

The red Feather River logo stands out on the black 50' steel gondola with a low black cover. Western Pacific 6055 is $23.55 and MT # 106 00 220. The car was used in steel bar service.
Three more new Bachmann body styles.

In the last issue we had an article on the new line of highly detailed N scale freight cars from Bachmann. Here are three more new car styles being offered in a variety of road names.

AAR 40’ Steel Box Car, $19.00 each. Toronto, Hamilton and Buffalo, UP - Automated Railway, PRR Merchandise Service, Chicago & Illinois Midland, Bangor & Aroostook and New Haven. Cars feature sliding single doors and detailed underframe.

Northeast Steel Caboose, $21.00 each. Western Maryland (speed lettering), Unlettered painted red, Norfolk & Western, Lehigh Valley, Reading and Maine Central. Cars feature NMRA profile wheels and needle point axles.

ACF 36’ 6” 10,000 gallon single dome Tank Car. Owenwood Motor Oil, C. F. Simonin’s Sons, Phillips 66, Texaco, Frontenac and Sparton Oil Co. Cars feature detailed underbody, separate handrails and ladders.

A corner module on the Omaha NTRAK club layout at the Great Train Expo was built by Mike Getty and models the “Carhenge” roadside attraction in Alliance, NE. It uses old automobiles instead of the massive stones that form the ancient “Stonehenge” in England.

If I get a sharper focus photo, I will run it in the next Newsletter issue. Jim F
Text and photos by Tom Knapp, MMR

The first successful sugar plantation in the Hawaiian Islands was established on the island of Kauai in 1835. By the early 1880’s, they were using steam locomotives on the plantations. The first steam locomotive imported into the islands – the Paulo (Photo 1), a K&O 0-4-0T – is still running and is the oldest steam locomotive in Hawaii (but that is another model building project story.) By 1915, there were 200 miles of railroad track on Kauai serving the busy sugar cane industry.

Skip forward to the mid 1930’s - Gaylord Wilcox - owner and manager of Grove Farm Plantation, commissions and builds an expansive residence designed by one of Hawaii’s best known architects, surrounded by nearly 36 acres of formal grounds, flower and vegetable gardens, and nearby cottages for the staff and guests.

Another jump in time to 1960, and the last of the railroads on Kauai had ceased operations.

Now, forward to 2007, and the construction and opening of the first new railroad to be built in Hawaii in 100 years designed by Boone Morrison, a historic restoration architect, and well known narrow-gauge model railroader. The railroad is run as a tourist operation wandering through Kilohana Plantation, 70 acres of working, historic model plantation, with Gaylord Wilcox mansion as its centerpiece. (See http://www.kauaiplantationrailway.com/kpr.htm for more information.)

While a steam locomotive of the type and vintage used in the Hawaiian islands is being restored in the Philippines, service is provided by a brace of 1930’s diesel switchers – themselves representative of motive power which was used on the sugar cane plantations. I have had the opportunity to ride behind and photograph Number 20 - the 25-ton switcher pictured here (Photo 2) - on several occasions, and – when Searails introduced their Nn3 R-T-R GE25T, I decided to model No. 20. Or rather, simulate it, which should have been relatively easy to do with just a paint job and decals without any modifications to the stock R-T-R model. (This article has a lot to do about color. Since many of you will be reading this in B&W, do not despair – I will post or publish a color version elsewhere in the future.)
I started with one of the R-T-R locos shipped before Searails began equipping the locos with working lights, so the first order of business was to install the add-on lighting supplied by Searails, made for them by Richmond Controls. (I decided to do this BEFORE painting, to avoid potential damage to the paint job by doing it afterwards.) I followed the instructions included in the lighting kit, and on the Searails website:


The first issue to resolve was the paint color: when I photographed it, No. 20 had been operating for a few seasons in the Kauai sun before the newly constructed tourist coaches were delivered, and the color is not a match between the two. Also, I was trying to match colors from digital photographs taken in Kauai on a cloudy day while building the model in San Francisco. In the end, I settled on Floquil Southern Green, which is close enough to the coaches (as seen
to the right in Photo 2) to use on both (since I am pretty sure when they get around to re-painting the loco they will match the rolling stock.) The Searails loco came painted in Grey Floquil primer. I masked the frame below the footplate and the new headlights, then sprayed two coats of Floquil Southern Green, force drying between coats with a warm hair dryer. (Photo 3) I let the green thoroughly dry overnight, then masked the upper part of the loco and the drive wheels with masking tape and sprayed the frame Floquil Engine Black (Photo 4). I allowed this to dry another night before removing the masking and hand painting the top of the footplate and the handrails (Photo 5).

While waiting for paint to dry, I started on the decals. I had taken a straight—on shot of the cab side specifically with the intent of using the image to develop a decal. I was “traveling light” that trip, so used my pocket camera for this (Photo 6) at a resolution of 72DPI, 2560 x 1920. (If I had used my Nikon DSLR which shoots 300DPI, 4288 x 2848 images, less work would have been required to get an acceptable image for printing the decal.) Since this was to be a “one-off” model for my own use, I decided to print my own decals using my HP ink-jet printer and HobbyCal P-7 decal film marketed by Evans Design which has a unique feature of turning white in un-printed areas when applied. This meant I needed to print the lettering on a square area of green the size of the cab side between the window frame and the top of the footplate. (This decal sheet also does not require a spray sealer like many do before placing the transfer in water. See more at: http://www.modeltrainsoftware.com/decalpaper.html)

I experimented in Adobe Photoshop with several shades of green before arriving at one that seemed a close enough match. The next task was to clean up the lettering. Photo 7 shows the cropped area to be used as the “canvas” for working on the lettering. This will later be re-sized to fit the area required. Using the “bucket-fill” tool I re-defined the red fill areas in the letters (Photo 8), then used the paint brush tool to clean up the edges of both the fill and the letters themselves. (Photo 9). I copied this image to a Microsoft Word page, and re-sized it until I thought it was correct (leaving the jpg image the same resolution and file size, just re-sizing using the “handles” on the image), and printed a test on plain paper. After a couple of further adjustments, I had the size right, and drew 1 pt. guidelines in the Word file to aid in the placement of the final images. I then made a test print on decal film, and applied one decal to a scrap of brass I had previously painted with two coats of Southern Green as a test, since the colors on the screen are seldom exactly what the printer produces. The green and the lettering was acceptable in this test, so I then created two different panels, each sized for either the right or left side of the cab (Photo 10), and placed multiple copies of the images into the Word file, using the lines I had previously drawn to size the images. (I included multiple copies in case I screwed something up in applying the decals.)

I applied the decals to both sides of the cab, with the results shown in Photo 11. Note that under magnification the areas of solid green show patterning which might be avoided by having a decal company professionally print the decals – and the letters are not all legible – but for a one-off and in normal viewing conditions the job is quite acceptable. Now to build some sugar cane cars, and those tourist coaches!

**PRODUCT NEWS:**

ZTRACK is now a Rokuhan dealer. You will recall from earlier announcements in this column, Rokuhan’s “classic” Z standard gauge sectional track and roadbed system has ties the same size and spacing as Peco Nn3/Z flex track, which in N scale is similar in size and spacing to many prototype North American narrow gauge railways, and is suitable for use in Nn3. ZTRACK has set up a separate U.S. website for marketing the Rokuhan products, including track, accessories, controllers, and Rokuhan’s new Z locomotive: http://www.rokuhan-store.com/ As always, new Z products can provide valuable infrastructure, chassis and parts sources for Nn3 modeling!
Winterfest 2012
by Bob Pawlak, Chairman, Winterfest 2012

Attendance of the Amherst Railway Society train show in West Springfield, MA on January 28-29, 2012, was 22,322 for the weekend, the largest it has been in the last 8 years. The weather was very cooperative for the entire weekend with plenty of sun, mild temperatures, and no remnants of snow or ice anywhere.

The layout this year had fewer modules than last year, the equivalent of about 69, 4’ modules versus 83 last year) but was not cramped as it was last year. The layout this year consisted of two Ntrak loops (instead of 3 last year) that were (30’x28’ and 30’x24’) and a 20’x12’ loop of MaiNeTrak modules (1’ x 4’ straights with two mainline tracks and 2’ corners). All three loops were connected together with transition corner modules. The result exactly filled our 30’ x 78’ space allocation with more room this year in one corner for our Model Contest Display Case and Photo Contest Display Racks on two long tables.

The end result was 200’ of Blue and Yellow line operation around the two Ntrak loops, 60’ of single track operation on the MaiNe Trak loop and 296’ of Red Line Route around the whole layout (8.97 scale miles of track). Four DC throttles were used to control the Blue and Yellow Line on both Ntrak loops. DCC powered the longer Red Line Route around all three loops. There was also provision to quickly change from DC to DCC operation on the Yellow Line of the slightly larger Loop 1. We had a 20’ yard in Loop 1 and a 16’ yard in Loop 2. There was a lift bridge for entry into Loop 1 and another for Loop 2.

Dan Pawling, Jr. was our layout coordinator again this year and worked together with Chris Oliva of Brooklyn Ntrak our DCC Master to design and build the layout. Dan produced a detailed layout plan that was sent out a week before the show to those bringing modules. As a result, the layout went together rapidly with no extra movement of modules. Almost everything was clamped, most connector tracks were installed and most of the throttles and DCC equipment were in place before 5 P.M. Friday.

Blue Ticket Incentives

Last year a “blue ticket incentive” was offered in an attempt to encourage more registrants to bring modules. A special blue prize ticket was awarded and placed in a hat for every 4’ of module in the show layout. Then tickets were drawn from the hat and several “better” prizes were awarded. As a result, we had more modules in our same layout space allocation than we have ever had before.
This year for the first time, a similar “blue ticket incentive” was offered in an attempt to encourage registrants to run more and longer trains. A blue ticket was awarded whenever an operator ran a freight train of at least 30 cars (50’ length cars or equivalent) or a passenger train of at least 10 cars, not counting motive power, for at least 50 minutes of their scheduled hour-long block of time. Freights of more that 60 cars and passenger trains of more than 20 cars were awarded two blue tickets. Saturday operators received prizes during the banquet on Saturday night and Sunday operators received prizes late Sunday afternoon.

In general, this new incentive seemed to work very well based on comparison of the sign up sheets from this year as compared with those of previous years. Without counting the last hour of the show or the time when the Parade of Trains Contest was run on Loop 2, there were 190 hour-long scheduled train-running-slots. 116 or 61% of these had sign in records. 70 trains or 60% of those recorded were awarded a blue ticket. 17 trains or 15% were awarded 2 blue tickets, and 29 trains or 25% of those recorded were shorter trains. Therefore, a total of at least 1,500 freight cars and 540 passenger cars were run for at least 50 minutes on the layout.

Let’s assume all freight trains were run at an average of 40 scale MPH, all passenger trains were run at an average of 60 scale MPH, all freight cars carried an average of 60 tons of cargo, and all passenger cars carried an average of 50 passengers. That means our Ntrak layout carried a total of at least 3 million scale ton-miles of freight and 2,702,500 scale passenger-miles of people over last weekend! I doubt very much if any of the 60 other layouts at the show came anywhere near this accomplishment! Great job everyone!

I wish to thank our sponsors for the excellent set of prizes they donated again this year. I hope everyone will join me in thanking them by purchasing their fine products and services.

**Winterfest 2012 Sponsors**

- Athearn, Inc.
- Atlas Model Railroad Co.
- Aztec Manufacturing Company
- Blair Line
- Boston and Albany Trains
- Brooklyn Locomotive Works
- Classic Metal Works, Inc.
- Deluxe Innovations, Inc.
- Digital Plus by Lenz
- Digitrax
- Evergreen Scale Models
- ExactRail
- InterMountain Railway Company
- Kato U.S.A.
- KenRay Models
- KenTrains
- Logic Rail Technologies
- Micro Engineering Company
- Micro-Trains Line Company
- Microscale Industries, Inc.
- N Scale Enthusiast
- N-Scale Reference Guide
- Northeastern Scale Lumber Co.
- Platinum Rail Pub. (N-Scale Mag.)
- Squeak N Products

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**“Breitling Orbiter 3” unfinished new 4’ straight module with scratch built multicolor balloons.**

**Detail of Shrine building (with finished interior) that is visible in background of IMG_1747, part of 8’ straight “Japanese Gardens” module by Bob Fallier.**

**Detail portion of the “Red Neck Heaven” module by Austin Plyem that won Second Prize in the module contest.**

- Sylvan
- TexNrails
- The N-Scale Architect
- Tomar Industries
- Tucker Hobbies
- Wm. K. Walthers
- Woodland Scenics
The following 17 groups (and number of participants) were represented at Winterfest this year:

Albany, NY N-Trak (5)  
Brooklyn N-Trak (7)  
Central (CT) (1)  
Central Valley (CT) Ntrak (1)  
Northeast N-Trak (20)  
Jersey Central N-Trak (2)  
Long Island Ntrak (5)  
MaiNeTrak (5)  
Montreal (10)  
N Scale Enthusiast (3)  
Niagra (2)  
No Group Affiliation (11)  
N-Ontario Model Engineers (3)  
Northern New Jersey N-Trak (3)  
Ottawa (2)  
Upstate (1)  
Valley N-Trak (Oxford, CT) (6)  

Guest speaker Bob Fallier playing “pirate” as part of the introduction to his speech. He has helped a group of Boy Scouts learn how to build modules and they have built about 6 modules some of which have been in our train shows. At this point Bob did not know that his “Japanese Gardens” module had won first prize in the module contest or that his Boy Scout friend Oliver Fetter had won Third prize in the module contest with his “Underwater Fantasy” module.

Overall view of 8’ straight “Japanese Garden” module, First Prize in our “Favorite Module Contest” voted on by the public.

The Shrine building shown on the front cover can be seen in the background.

“Underwater Fantasy” module by Boy Scout Oliver Fetter who won Third Prize in the module contest. It resembles a volcano filled with water (with beach scene and boat sailing on water surface on top) with a transparent tunnel liner for the 3 track mainline punching through. The front of the volcano is “cut away” so you can look inside at underwater features. (That is Bob Fallier again in the background)
Three photos of the large (32 x 80) N-Trak layout put together by the Des Moines N-Trak club and GRVS Club.

Text by Ed Schultz & photos by Dianne Lundgreen.

A Great Train Expo (GTE) show was held at the Mid America Center in Council Bluffs, Iowa January 28/29, 2012. What made the show great was that of the 16 layouts present at the show, half were N-Scale. There was a large N-Trak layout put on by the Des Moines N-Trak club and the Great River Valley System. The layout consisted of two loops interconnected by a spine. In addition to the above N-Trak layout there were two other N-Trak layouts, one from the Omaha N-Trak club and the other from the North Omaha N-Trak club. There was also a oNe Trak layout, three T-Trak layouts and very well done N-Scale display layout. This layout, the BNSF Marias Pass, was built by John Leaders and is featured in a three part N-Scale Railroading magazine series.
This photo shows the Drive-in Theater Corner Module which was originally made by Gary Mathern and is now owned by Dale and Caleb Collins. The Marquis sign says “In memory of Garry Mathern”. Garry was a long time Modeler, former Eagle Scout and friend. Gary fell accidently resulting in an untimely death for him. He passed away August 29 2007. Dale knew his dad, Marion, for years as they were involved in Boy Scouts Order of the Arrow as Advisors. Garry also operated Classic Carriage works, an auto body shop in Des Moines, Iowa.

After Gary’s death Dale acquired the Drive Inn. It had fallen into a little disrepair and needed some sprucing up. Dale’s son Caleb, a scout, has taken it under his care. They have made a few modifications to it. There are now over 100 vehicles used on it along with a new sky board. The original had a 1970’s style 6” BW, TV and used a VHS for pictures. That has been replaced the Sky Board with one that has a LCD-DVD- TV and an auxiliary speaker. Caleb has also installed Fiber Optic Stars into the sky board with the Big Dipper pointing to the North Star and Little Dipper; symbolizing the Fleur de Leis of the Boy Scout Badge, from the North Point of the compass, that a Scout can always find his way in life.
The oNe TRAK club modules make good use of photo backgrounds. See the bridge closed on page 20.
One of three T-TRAK layouts at the Great Train Expo show in Council Bluffs, Iowa.

This is a 4’x10’ display model built by John Leaders and based on the Marias Pass area of the BNSF in Glacier Park, Montana. The layout is featured currently in a three part series in “N Scale Railroading” magazine. There is a central view block that divides the layout into two different parts of the area.
Here are some photos of Eric Meyer’s Slot Car racing module as it appeared at the Milwaukee Trainfest last Fall. Earlier photos and some details were in the Nov/Dec 2011 NTRAK Newsletter. Below is the Go-Cart racing track.
The other side of the main racing track is getting an amusement section and place to park the race car transporters.

Correction: Brooklyn NTRAK 20th Anniversary Special Run Car.

On page 10 of the Jan/Feb 2012 issue there was an error in the description of their car. In the middle of the page is: (Note: the actual cars will have prototypical diagonal panel roofs ... It turns out that the production cars will have roof panels as seen in the original artical and in the photo at left.

Brooklyn N Trak P.O. Box 290196, Brooklyn, NY 11229-0196.
Profits from the sale of these items go to the T-TRAK Youth Fund, established by Lee Monaco-FitzGerald to promote modeling by young people.

T-TRAK Module kits use the original design by Lee Monaco-FitzGerald, the creator of the T-TRAK system for banquet table top modules running N scale and other scale trains.

T-TRAK cloth embroidered patch. 2-5/8” x 4-1/2” oval, four colors.

T-TRAK lapel pin, 1-1/8” oval, red, white and blue. (Not available until I find the storage place.)

Either are $4.00 each, postage pd.

Profit supports the youth program.

Order T-TRAK kits and items from: www.ntrak.org go to “Country Store” for Credit Card (Pay Pal) or by check to: NTRAK Order Department 1629 University Dr. Richardson, TX 75081

Straight Module Kit
(12-1/8” x 8-1/4” x 2-3/4” H) $14.45
Additional modules same order, each $12.00

Basic corner Kit
(12-1/4” sq. x 2-3/4” H) $20.65
Additional modules same order, each $15.75

Alternate corner Kit
(14-3/8” sq. x 2-3/4” H) $24.75
Additional module same order, each $19.85

Qty Item Kit Cost
___ 1st Straight _______
___ 2nd Straight _______
___ 1st Basic Corner _______
___ 2nd Basic Corner _______
___ 1st Alt Corner _______
___ 2nd Alt Corner _______
Total Kit Order _______

Note: Skyboard is not included with kits.

Precision cut Baltic Birch plywood frame, corner blocks with “T” nuts installed. Simple glue together kit. Full instructions.

T-TRAK is For All Ages

Events

April 19-22 Winslow, AZ
Arizona Centennial will be included with 2012 Railroad Days. If you or your club has a module that represents Arizona and would like it to be part of the celebration, let me know. John Scott, <bnsfry@yahoo.com>

Jul 1, Medford, OR
Dick Ollendorf 610 923-7535 evenings Eastern Time
Available from NTRAK

**The NTRAK Module ‘How-to’ Book.** Now 162 pgs of plans, photos, and ‘how-to’ details for building NTRAK modules. New wiring and connector information is integrated throughout the book.Chapters on Design, Carpentry, Wiring, Track laying and recent innovations in modules..$16 pp

**NTRAK Manual.** Full specifications for NTRAK Modules. 20 pgs. $2.50 ea pp (Clubs- 5 or more $2 ea)

Newsletters for groups. A discount is available for overseas NTRAK Clubs when newsletters are sent to one address. Inquire by letter or email for specifics.

**N Resource Booklets** Three N Resource Booklets are now available from NTRAK. The Booklets are made up of articles from past Newsletters, some from issues no longer available. The material was brought up to date and additional material was added.

**Revised Booklet on Throttles.** It now includes information on using DCC on NTRAK layouts and plans for a very simple throttle. Other subjects include: using meters, slowing blocks, power supplies, and an article on how to operate NTRAK layouts. $4.25 ea pp

**Basic Electronics for N Scalers.** Based on the Electronic Shop articles from past issues. The material has been rearranged and some gaps were filled in. It is a rather complete primer on electronics for the railroad modeler. $3.50 ea pp

**N Scale Basics.** Which engines. Which couplers? Best car weights. Track laying. Turnout basics and making them work better. Small layouts. Many tips and hints for N scalers. $7.00 ea pp

**Steam Loco Book** Our book has 1/3 all new material. It covers N scale steam locomotives from making them run better, to detailing, to complex construction projects. A number of repowering projects are included. The 144 page soft cover book is 8–1/2"x11" and has over 100 photos plus many drawings. It is the source for information on N scale steam engines. The cost is $20.00 postpaid in the USA, Canada and overseas surface mail. Please add $5 for overseas Airmail.

“All Steam Deal” All 5 Steam addenda plus the N Steam Loco Book, 412 pages of info available nowhere else. $66, save $6

**NEW! ‘11 N Steam Loco Addendum.** 80 pages of all new Information on current N scale Steam Locomotives, $14.00 including shipping. See page 4.

2007 Addendum, 44 pgs $9.00 pp
2008 Addendum, 40 pgs $9.00 pp
2009 Addendum, 44 pgs $9.00 pp
2010 Addendum, 60 pgs $11.00 pp

**Cinch Jones & Powerpole Connectors** Both types of connectors are now available individually and in sets. See pricing on next page.

**Introduction to Nn3** - Basic information on modeling N narrow gauge with sources for ready to run and kits. 16 pages, 8-1/2 x 11, $6.25 ea pp

**Narrow Gauge Data Book** - Over 200 N scale drawings of engines, cars, and structures. History of most narrow gauge roads, color lists, and lettering guides. 64 pages 8-1/2 x 11. $9 ea pp

**Track Plan Set** for over 100 modules and special units. Printed on heavy card stock. Can be cut out and placed on furnished graph paper to plan home or club layouts to fit your space or just to get ideas for track plans. Full instructions. Set- $4.00 ea pp

**T-TRAK Kits,** please see previous page.

**oNeTRAK Manual** A 16 page Manual just for oNeTRAK modules. It gives dimensions, construction ideas, track plans and wiring schemes for these popular additions to NTRAK layouts. $3.00 post paid.

**Lapel Pin,** 2 color fired enamel oval Steam or Diesel NTRAK logo pins. 0.4” x1.1”, $3.75 ea.

**Cloth Patch,** Light Blue oval (2” x 3-1/2”) with the NTRAK “engine logo”. $2.75 ea pp.

**Metal Button,** Light Blue oval (1 3/4” x 2-3/4”) with the NTRAK “engine logo”. $1.75 ea.

**NEW! NTRAK Vinyl “Peel & Stick”** Weather proof (3”x 5–1/2”) “engine logos”. Work well on car bumpers, train boxes, or Newsletter binders. Either steam or diesel logos. $3.00 each postage paid

**While they last!!!** Remaining stock of die-cut vinyl steam logo bumper stickers. Please indicate color wanted, white, black, or red.$3.00 ea.

**Books on the web site.** Note: On our web site, www.ntrak.org, there are now more complete descriptions of our books, including the chapter headings. Some of our smaller books can be downloaded at no cost.
Mail to: NTRAK, Order Dept.                   For Credit Card orders, www.ntrak.org
1629 University Dr. Richardson, TX 75081    Make checks to: NTRAK, Inc. (US$)
Member # __________ (from mailing
label, we can look it up if it isn't handy)
Name____________________________________________________________________
Street____________________________________________________________________
City___________________________ Prov. __________ Code___________________
Phone (_____) __________________ e-mail address _____________________________

[ ] I have a home N layout. Aprox. size ______ x______ feet.
[ ] I have an NTRAK module(s). Total length _________ feet.

Note: All prices “postage paid” (pp). We pay for USA, Canada & overseas surface mail.Priority/Air extra.

Available from NTRAK.

$_______ Renew Membership 1 yr/six issues, $14.00 USA;
$17 Cdn.; $20 overseas by air mail.

$_______ Membership, Electronic Newsletter, Color photos, pdf
download. 1 yr/six issues $5.00 anywhere in the world.

$_______ New Membership. 1yr Newsletter and NTRAK
Manual, $16.00 USA; $19.00 Cdn; $22 overseas.

$_______ The NTRAK Module ‘How-to’ Book. Now 162 pgs
Specs & photos of modules. $16 pp

$_______ NTRAK Manual. 20 page module specifications.
$2.50 ea pp (Clubs 5 or more, $2 ea)

$_______ Throttles for NTRAK & Home, $4.25 ea pp

$_______ Basic Electronics for N Scale, $3.50 ea pp

$_______ N Scale Basics, Revised 40 pgs, $7 ea pp

$_______ New! Addendum 2011, 80 pgs $14.00 pp

$_______ Addendum, 2010, 60 pgs $11.00 pp

$_______ Addendum, 2009, 44 pgs $9.00 pp

$_______ Addendum, 2008, 40 pgs $9.00 pp

$_______ Addendum, 2007, 44 pgs $9.00 pp

$_______ N Steam Loco Info Book, 144 pages $20.00 pp.

$_______ “Deal”-N Steam Loco Bk + all 5 addenda $66, 412 pgs

$_______ Introduction to Nn3, 16pgs, $6.25.pp.

$_______ Narrow Gauge Data Book, 66 pages, 8-1/2x11
softbound, $9.00pp.

$_______ Track Plan Set. Track plans for over 100 modules&
special units. Set- $4.00 ea pp

$_______ oNeTRAK Manual. 16 pages $3.00 pp

$_______ DCC for NTRAK Layouts $1.00pp

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Back Issues..NTRAK Newsletter back issues from 2004 through
2010 are available as free downloads on our web site,
www.ntrak.org. A great variety of N Scale information.

Powerpole CONNECTORS New Wiring RP Instructions
included with all sets.

[ ] 10 Pairs, does 4 tracks and DC power. Red/Black shells and 2
extra contacts. $12.00 pp.

[ ] 10 Pairs, does 4 tracks and DC power. NTRAK colors (R,Y,B,
G & W) and 2 extra contacts. $12.00 pp

[ ] 8 Pairs, NTRAK color shells(R,Y,B & W) and 2 extra
contacts. $11.00 pp.

[ ] 2 Pairs, any color combination, specify. See color chart in RP.
One extra contact. $3.00 pp.

Cinch Jones CONNECTORS

[ ] “B” Set: 4 male w/cable clamps & 4 female w/cable clamps,
for one module $34.00pp

[ ] “B” Set: 5 male w/cable clamps & 5 female w/cable clamps,
for module w/Mt Div $42.50pp

[ ] 12 or more “B” pairs, $8.50 per pair

[ ] P-302-CCT, Male plug w/ clamp $3.90 ea[ ] S-302-CCT,
Socket w/cable clamp, $4.95 ea

$_______ Clearance Gauge Check bridges & tunnels for double
stack cars. $6.00 ea pp

$_______ NTRAK Logo Pins Steam or Diesel oval design. Fired
enamel. (.4” x 1.1”) $3.75 ea pp. [ ] Steam [ ] Diesel

$_______ Cloth Patch Light Blue oval (2-3/4” x 1-1/2") w/
NTRAK “engine logo”. $2.75ea pp.

$_______ Metal Button Lt Blue oval (1-3/4” x 2-3/4") w/ NTRAK
“engine logo”. $1.75 ea pp.

$_______ Vinyl Transfer Oval (3” x 5-1/2")

$_______“Peel-N-Stick”Steam or diesel NTRAK “engine logo”.
White with black logos.. $3.00 ea pp. [ ] Steam [ ] Diesel

$_______ Connecting track 6.5” long, 75¢ each, 6 for $4.00 or 24
for $15.00, pp.— Out of Stock, check for details.

$_______ 30th Anniv Containers Pair $14.00

$_______ Enter total for T-TRAK items, page 21.
The oNe TRAK club modules are featured on page 13 with the bridge in the open position. Photo by Dianna Lundgreen.

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