

NMRA 2017 Orlando The Orange Blossom Special July 30, 2017 – August 5, 2017 The Rosen Plaza 9700 International Dr. Orlando, FL

Sunshine Region of the National Model Railroad Association is pleased to host NMRA 2017 Orlando, the Orange Blossom Special, this year's NMRA National Convention in the number one vacation destination and number one convention destination in the world, Orlando, FL. The 2017 National Convention begins on Sunday, July 30th and continues through Saturday, August 5th.

The Host Committee for The Orange Blossom Special has been working hard in creating the best convention activities to please any and every one. Whether you participate in the rail or Non-Rail parts of the program you will be able to find enough to keep you busy while attending the convention.

There's plenty of reasons for Orlando to be the number one convention and vacation destination and more than 5,000 of them are for eating. Whatever you want, Orlando has it all from Fast Food to Fine Dining experiences. Within a two mile radius you'll have enough places to eat for 10 week long vacations and then some.

With so much to see and do, Orlando is great for families. With 8 theme parks leading the charge, followed by 4 major water parks and hundreds of attractions, there's enough to keep everyone busy from rise and shine to sleep tight until tomorrow. Check out our low registration rates for children on the convention registration form.

If you have never attended a national convention, there's no time like the present. Bring your spouse, your children, your grandchildren, heck, bring your entire family. With our special ticket pricing for theme parks you'll all be sure to have a great time.

Register for the convention ONLINE at the NMRA Company Store as soon as possible to avoid being shut out of the tours you want to attend! Some of the most popular tours and extra-fare clinics always sell out early. You can register for the convention, including all tours on the NMRA website at: <u>https://www.nmrastores.com/Company_Store/</u>

All Events and Activities are Subject To Change

All convention activities are subject to change. Every effort has been made to verify that the information in this packet is accurate at the time of publication. However, changes may occur impacting the program, tours or events of the convention between the time of publication of this packet and the start of the convention. Check the convention website for the latest information and the NMRA Refund Policy.

NMRA 2017 Orlando Website: http://www.nmra2017Orlando.org

Convention Hotel

The Rosen Plaza at 9700 International Dr. is 100% smoke free and pet friendly. The hotel is an outstanding value at \$119 per night with a pool, 4 restaurants, 3 lounge areas, a fitness center and business center.

The Rosen Plaza will be home to NMRA meetings, Non-Rail activities, clinics, the contest room, the silent auction and SIGs. Bus tours will depart from, and return to The Rosen Plaza. Online room registration may be accessed from the following URL:

<u>https://www.phgsecure.com/IBE/bookingRedirect.ashx?propertyCode=ORLRZ</u> and use the Group Code: GRPRAILROAD The cutoff date to make reservations is June 26, 2017, and after June 26th, on a space available basis.

Smoking Policy

Florida is a Clean Indoor Air State. Smoking is not allowed in any indoor areas. The Rosen Plaza is 100% smoke free. Guests are not permitted to smoke anywhere inside the hotel.

National Train Show®

The 2017 National Train Show[®] will occupy West Hall E in the Orange County Convention Center West Concourse directly south of the Rosen Plaza Hotel. The Rosen Plaza is connected to the Convention Center by the Gary Sain Memorial Skybridge. There will be representatives from many model railroad manufacturers, vendor booths with products for sale, and examples of fine model railroading on display.

Your Registration includes admission to the National Train Show® for any day registered for the convention when the train show is open. Be sure to wear your convention nametag.

Travel and Transportation

Regardless of your mode of transportation, it's easy to get to Orlando. Walt Disney selected Orlando as the location for "Disneyland East" because it was conveniently located near the intersection of I-4 and the Florida Turnpike and Orlando had a major airport.

Driving

If you are driving you can take I-75 from the Midwestern US to the Florida Turnpike in Wildwood FL and head south. If you're coming from the Northeastern US, you can take 95 south to Daytona and take I-4 west.

Flying

If you're flying to the convention, Orlando International Airport is your destination. Thirty nine airlines service "MCO". United Airlines is the official air carrier of NMRA 2017 Orlando. They are offering up to a 10% discount on their fares. The discount varies by the fare type or ticket type you purchase. Enter the Code: ZX2A727566. You must book your tickets online using this website:

https://www.united.com/web/en-US/apps/booking/specials/meetings/default.aspx

When you arrive in Orlando, you have several options to get to the hotel...

You can rent a car from more than a dozen car rental companies. Pick up your car, exit the airport on the north side and take FL-528 (The Beach Line) West to International Dr. and head north. The Rosen Plaza

is on your left immediately after the Orange County Convention Center. The Rosen Plaza is a 20 minute ride from the airport.

Connect with Mears Transportation. Mears offers a variety of transfer options between the airport and The Rosen Plaza. Mears offers one way and round trip fares and you can reserve transportation in advance on the Mears website at <u>http://www.mearstransportation.com/</u>

If you select Mears and reserve online, be sure to select the correct destination, The Rosen Plaza (there are six Rosen hotels listed). The hotel address is 9700 International Dr., Orlando, FL

You can get a cab at the airport. Fares vary depending on destination. Uber serves Orlando International Airport. Check out the Uber travel options at <u>http://uber.com</u>

BAGS, Inc.

BAGS, Inc. is the official baggage handling company for Rosen Hotels. You can check in your bag at home using BAGS VIP Service and your bags will be delivered to the Rosen Plaza within 4 hours of your arrival. When you depart the convention, you can check your bag in at the Rosen Plaza to your final destination. There's no waiting for your luggage. Check out BAGS, Inc online at:

https://www.maketraveleasier.com/bagsvip

Amtrak

Three trains per day service Orlando, The Silver Star, Silver Meteor and AutoTrain. The Silver Star arrives late morning and The Silver Meteor arrives early afternoon. Both arrive at the Orlando Train Station. Cab service is available along with car rental services. It is about a 30 minute drive to The Rosen Plaza.

Amtrak is pleased to offer NMRA 2017 Orlando a 10% discount off the best available rail fare to Orlando, FL between July 24, 2017 – August 11, 2017. To book your reservation call Amtrak at 1 (800) 872-7245 or contact your local travel agent.

Please be sure to refer to Convention Fare Code X72C-957 when making your reservation. <u>This offer is</u> <u>not valid on the Auto Train and Acela Service</u>. Fare is valid on Amtrak Regional for all departures seven days a week, except for holiday blackouts. Offer valid with Sleepers, Business Class or First Class seats with payment of the full applicable accommodation charges. <u>Conventions cannot be booked via Internet.</u>

The AutoTrain is scheduled to arrive at 9 am at Sanford, FL. After receiving your car, take I-4 west towards Orlando. It's an hour drive from Sanford to The Rosen Plaza.

Discounted Tickets to Disneyworld, SeaWorld and Universal Studios

You have access to discounted tickets to all major theme parks and water parks in Orlando. These are great deals and some tickets are only available to convention. In addition, with Visit Orlando's <u>"Show Your Badge and Save"</u> program, you can save on dining options to many great restaurants such as Emeril's Orlando, T-Rex, Shula's Steak House, BB King's Blue Club and many others. <u>Click here to purchase tickets.</u>

Company Store

Our Company Store will be open from Sunday at noon through Thursday at noon. It will sell convention merchandise along with railroad relayed apparel. Daily hours are from 9 am until 12 pm and from 1:30

pm until 5 pm. Our two Convention Cars, a Tropicana Reefer in HO Scale and a Farmland Industries Covered Hopper in N Scale are also available.

Celebration (Contest) Room

While the Model Contest is typically considered a prime event, excellent Photo and Arts & Crafts Contests and a Rail Pass Contest are also included.

For descriptive information and required forms, go to nmra.org/ contests.

Eligibility and Entry

All NMRA members are eligible to enter any of the events in accordance with the applicable rules of the contest with the exception of the arts & crafts contest, which is open to all convention registrants, NMRA members or not. Entries must be brought to this location and presented to the contest staff along with the required forms. Once the entry is accepted, it will not be available for pick-up until the scheduled time. The schedule for these events is shown below:

Room Schedule

Entry/Viewing - Monday & Tuesday 8:00 a.m. to 6:00 p.m.

Judge's Clinic - Monday Afternoon. Bob Hamm, MMR, gives a clinic on judging contest models for 2017 contest judges and anyone else interested in contest judging. The clinic is mandatory for new judges.

Voting for People's Choice Awards - Tuesday 8:00 a.m. to 6:00 p.m., and Wednesday to noon.

Afternoon of "Meet the Modeler, Photographer & Crafter" - Tuesday 1:00 p.m. - 6:00 p.m.

Judging - Wednesday 8:00 a.m. - 4:00 p.m. Contest room is open for viewing during judging; however, please no talking.

Score Review Period - Thursday 9:00 a.m. to 11:00 a.m.

Viewing Only - Wednesday and Thursday 8:00 a.m. - 4:00 p.m.

Model, Photo & Crafts Contest Awards Ceremony - Thursday 2:00 p.m. (check room posting)

Award Photos - Thursday 4:00 p.m. to 9:00 p.m. (CLOSED SESSION)

Entry Pickup - Friday 8:00 a.m. to Noon

Module Contest

The Module Contest will be held at the National Train Show®. Space for module entries must be secured ahead of the train show by contacting the train show staff.

Silent Auction

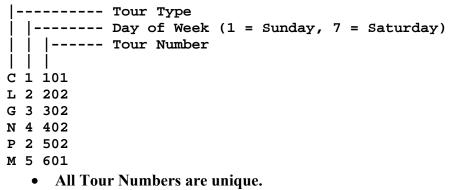
Every year, a highlight of the convention is The Silent Auction. This is your chance to find that long lost freight car you have wanted for years or if you have some items you no longer need, to get some additional cash for the National Train Show[®]. NMRA 2017 Orlando will continue this tradition.

Clinics, Tours and Activities

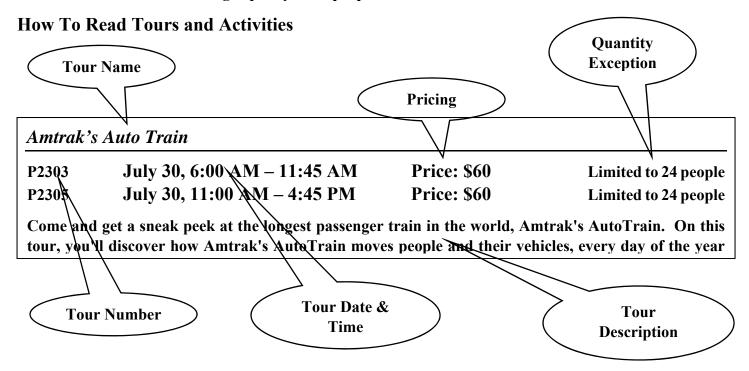
We have an exciting lineup of layouts for each of you to see, 17 in all and tours to some famous attractions like Daytona International Speedway, The Kennedy Space Center Visitors Complex and Valiant Warbird Museum. We have a Fashion Show presented by Stein Mart, a High Tea for the ladies lunch, Making Chocolates, and a hands on cooking demonstration presented by Publix Supermarkets.

Register for the convention ONLINE at the NMRA Company Store as soon as possible to avoid being shut out of the tours you want to attend! You can register for the convention, including all tours on the NMRA website at: <u>https://www.nmrastores.com/Company_Store/</u>

We have included a brief description for each Clinic, Tour or Activity below along with each tour's number. All events are numbered as follows:



• All Tours have a seating capacity of 52 people unless otherwise noted.



Most Layout and Prototype Tours include a Box Breakfast or a Box Lunch from Honeybaked Ham. For the Box Breakfast, you will receive Ham and Egg on a Croissant, a piece of coffee cake and a piece of fruit. For the Box Lunch you'll receive a sandwich from Honeybaked Ham, with a bag of chips, a pickle spear and a cookie and a choice of a bottle of water or a can of soda. These will be delivered to a stop on the tour.

ADA Compatibility

The locations for all Non Rail activities and Tours are ADA Compatible.

All Prototype Tours are partially ADA Compatible depending on the tour.

- Amtrak AutoTrain You may not be able to get into some areas in the yard.
- Florida Railroad Museum You will not be able to get around the yard that easily, it's dirt. You will be able to get into the Willow Station, and board the train and take it to Parrish. You will not be able to take a Cab Ride.
- TECO Street Car You will have access to most of the tour and be able to ride the Street Car.
- Tampa Phosphate You will be able to participate in most of the tour.

Layout tours to clubs are considered ADA Compatible but depending on your situation you may not be able to access all areas within a club.

Layout Tours to individual layouts may be ADA Compatible. There are two layouts that are on a 2nd story.

If you have any questions about a specific tour, please contact us using the Contact Us form on our website, http://NMRA2017Orlando.org

Layout Tours

SAL – The Sunland Local

L1201	July 30, 2:00 PM – 7:00 PM	Price: \$30
L3201	August 1, 6:00 PM – 11:00 PM	Price: \$30

Visit all three of Orlando's model railroad clubs (the Orlando N-Trak, the Central Florida Railroad Modelers, and the Orlando Society of Model Railroaders) and their 4 layouts in one trip. Fully scenicked and operational N and HO scale layouts.

Ridgely, Parkersburg	The Central Florida Railroad Modelers	НО	Late 50's to early 60's	WM, B&O	Freelance	DCC
and Greenbriar Lehigh Monongahela &	The Orlando N-Trak	Ν	60s –today	All	Freelance	DCC
Ohio Lehigh Monongahela &	The Orlando N-Trak	НО	60s –today	All	Freelance	DCC
Ohio OSMR	The Orlando Society of Model Railroaders	НО	Mid to late 20th century	Any	Freelance	DCC

Ridge Lines - Live Steam

L2214 July 31, 7:30 AM – 12:30 PM Price: \$30

A unique opportunity to visit "Florida's Highest Railroad". Visits to this 7 ½" gauge railroad is normally by invitation only but you can join other convention attendees in this special session arranged just for the NMRA.

Ridge	8	Live	1940's	Many	Freelance
Lines	Live	Steam	to		
	Steamers,		present		
	Inc				

ACL - Palmetto I

L2205	July 31, 8:30 AM – 6:30 PM	Price: \$60

Featuring the Citrus Model Railroad Club and member's home layouts this tour showcases some of the best layouts in Citrus County, several of which were featured in the Jan 2017 issue of NMRA Magazine. Lunch is included in the price of the tour.

CMRC N Scale Layout	The Citrus Model Railroad Club	Ν	Any Era	All Roads	Freelance	DCC
Allegheny and Lake Erie Railroad	The Citrus Model Railroad Club	НО	Western Pennsylvania 1950's	A&LE, Western Allegheny	Freelance	DCC
Moosup Valley Railroad	John Giammasi	НО	1920	Moosup Valley, B&M, NYNH&H	Prototype	DCC
Minnesota Central	Jerry Kinsman	НО	1950's	Milwaukee Road, Missable Road	Freelance	DCC
Crooked Creek and Buffalo Valley RR	Bob Krebs	НО	1872 – 1916	Crooked Creek and Buffalo Valley RR	Freelance	DCC
Wisconsin Valley ACL - Palmetto	Erv Sedlock	НО	1920's	Mid West Railroads	Prototype	DCC

L2204 July 31, 8:30 AM – 5:00 PM

This tour features the Citrus Model Railroad Club's HO and N layouts as well as HO home layouts of a couple members and a Master Model Railroader. Lunch is included in the price of the tour.

Price: \$55

Allegheny and Lake Erie Railroad CMRC N Scale	The Citrus Model Railroad Club The Citrus Model	НО	Western Pennsylvani a 1950's	A&LE, Western Allegheny	Freelance	DCC
Layout	Railroad Club	Ν	Any Era	All Roads Maine Control	Freelance	DCC
Northern Maine				Maine Central, Bangor &		Analog
Junction	Bob Bamford	HO	1959	Aroostook	Prototype	DC
Chestnut Ridge and Laurel RR	Dava Marquis	НО	1957	Chestnut Ridge & Laurel, WM	Drototypo	DCC
Mule Pass &	Dave Marquis Dave Barron,	по	1937	L'aurei, wivi	Prototype	DCC
Woodland RR	MMR	НО	1927	Many	Freelance	DCC

PRR - The Broadway Lim	nited
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L2210	July 31, 1:00 PM – 6:00 PM	Price: \$30
L3210	August 1, 1:00 PM – 6:00 PM	Price: \$30

This tour is an exclusive and unique visit to the headquarters of Broadway Limited Imports, the world's foremost producer of top quality HO and N scale model trains. See their display layout and get a tour of their facility, including the outlet store.

BLI Broadway HO 1970 Multiple Freelance DCC Display Limited Layout

ACL - Southwind I

L3209 August 1, 7:30 AM – 4:00 PM Price: \$55

The Southwind I tour showcases seven layouts from N to G scale, including the four layouts at the H.B. Plant Historical Society. Unusual stops include an indoor G scale layout and a On30 dead rail layout. Some you may recognize from the hobby press but there is nothing like seeing them in person. Lunch is included in the price of the tour.

Mineral Valley Railroad	The H.B. Plant Railroad Historical Society	НО	Free lanced	freelanced	Freelance	DCC
Pittsburgh & West Virginia and Union RR	Tom Ŵilson	НО	1964-1967	P&WV, N&W, WM, NKP, Union RR	Prototype	DCC
Chicago, Peoria & Western	John Brennan	НО	unknown	Chicago, Peoria & Western	Prototype	DCC
HB Plant N Scale Layout	The H.B. Plant Railroad Historical Society	Ν	Transition	Freelanced	Freelance	DCC
HB Plant O27 Layout	The H.B. Plant Railroad Historical Society	O (3 Rail)	Any	Freelanced	Freelance	Analog DC
HB Plant G Layout	The H.B. Plant Railroad Historical Society	G	Any	Any	Freelance	Analog DC
East Broad Top	Ray Hazen	On30	1920's	East Broad Top	Prototype	DCC

SAL - The Orange Blossom Special

L3206 August 1, 8:00 AM – 5:00 PM Price: \$45

Featuring five layouts from N to O scale on the Orange Blossom Special you will travel to the Bradenton area where The Railroad Education and Learning Center of Florida, Inc, (RealRail) uses its layouts to educate the public on railroading. Also included are two home layouts with modern operations on Class 1 railroads. Lunch is included in the tour price.

The Myakka Valley O Scale Division	Real Rail	O (3 Rail)	Transition	Any	Freelance	Analog DC
The Myakka Valley HO Scale Division	Real Rail	НО	Transition	Any	Freelance	DCC
The Myakka Valley N Scale Division	Real Rail	Ν	Any	Any	Freelance	DCC
Pennsylvania RR Lake Division	Dan Kimpton	НО	1956 Late Summer	Pennsylvania Railroad	Prototype	DCC
Mad River & Ohio, Keystone Region	Donovan Lewis	Ν	Around 2005	NS and MR&O, with interchange with V&O, AM, CSX, and BNSF	Freelance	DCC

ACL - Southwind II

L3217 Augus	t 1, 9:00 AM – 4:0	00 PM	Price: \$45
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The Southwind II tour provides an opportunity to visit the H.B. Plant Historical Society's four layouts and a different home layout in a slightly shorter format than the Southwind I tour. Lunch is included in the price of the tour.

Mineral Valley Railroad	The H.B. Plant Railroad Historical Society	НО	Free lanced	freelanced	Freelance	DCC
HB Plant N Scale Layout	The H.B. Plant Railroad Historical Society	Ν	Transition	Freelanced	Freelance	DCC
HB Plant O27 Layout	The H.B. Plant Railroad Historical Society	O (3 Rail)	Any	Freelanced	Freelance	Analog DC
Seaboard Coast Line	Keith Williams	НО	1967-1982	Seaboard Coast Line	Prototyp e	DCC
HB Plant G Layout	The H.B. Plant Railroad Historical Society	G	Any	Any	Freelance	Analog DC

ACL - The East Coast Champion

L4207 August 2, 7:30 AM – 1:00 PM Price: \$30

If you don't feel you have time for a full day layout tour the East Coast Champion is designed to give you a quicker taste of four layouts in N, HO, and G scales.

TAMRRC, Inc HO	The Titusville Area	НО	NA	Any	Freelance	DCC
Layout Florida East Coast	Model RR Club Ken Farnham	НО	early	FEC	Prototype	DCC
Brevard Div			1970's			
Chamberlin Branch						
TAMRRC, Inc O	The Titusville Area	O (3 Rail)	NA	Multiple	Freelance	Analog DC
Layout	Model RR Club					
TAMRRC, Inc N	The Titusville Area Model RR Club	Ν	Any	Any	Freelance	DCC

ACL - The Florida Special

L4202 August 2, 8:00 AM – 5:45 PM Price: \$55

The Florida Special is the most diverse tour available at the convention. Featuring one N, two G, and four HO layouts the tour showcases the work of a MMR, five club layouts in various stages of completion, and an operations oriented home railroad spread across two buildings which are interconnected. Lunch is included in the tour cost.

Treasure Coast Model RR	The Treasure Coast Model RR Club	НО	1948- 1978	Any	Freelance	DCC
Florida East Coast Brevard Div Chamberlin Branch	Ken Farnham	НО	early 1970's	FEC	Prototype	DCC
Western Bay Railroad	Al Sohl, MMR	On30	June 12th, 1939	DRGW & RGS	Prototype	DCC
The Martin County Model Railroaders - G	The Martin County Model Railroaders	G	Modern Day	All	Freelance	Analog DC
The Martin County Model Railroaders - HO	The Martin County Model Railroaders	НО	Modern Day	Any	Freelance	DCC
The Martin County Model Railroaders – N	The Martin County Model Railroaders	Ν	Modern Day	Any	Freelance	DCC

ACL - West Coast Champion

L4213 August 2, 8:30 AM – 6:30 PM Price: \$55

A mix of home, club, and hobby shop layouts this tour is a mix of scales and themes. Dana's Railway Supply will be open for tour participants during your stop to see their layout. Lunch is included in the price of the tour.

West Pasco	The West Pasco Model RR Assoc	НО	50's, 60's, 70's	Various	Freelance DCC
Naverwassee Branch	Denis Riley	НО	1954-58	NKP, Erie, NYC, PRR	Freelance DCC
Santa Fe/Midwest	John Wahlfeldt	Ν	1956	ATSF	Freelance DCC
None	Tony Mazzulio	On30	1930's - 1940's	Any	Freelance DCC
West Hernando Central	Dana Jackson	НО	1930's thru 1970's	PRR, NYC, FEC, N&W, EL, NH,ATSF, ACL, SAL, CSX, NS	Freelance DCC

ACL - Dixie Flyer

L4216 August 2, 1:00 PM – 7:30 PM Price: \$35

Spend an afternoon on the Dixie Flyer and see some of the Space Coast's unique layouts, including a visit to a dentist office where O scale UP steam entertains patients!

TAMRRC, Inc HO	The Titusville Area Model	НО	NA	Any	Freelance	DCC
Layout	RR Club					
American	Tom	НО	Present day	Most	Fantasy	DCC
Western	Hammond		freight and Amtrak	major RRs		
U.P. Wasach	Marty	O (2 Rail)	Steam – late	UP, SP,	Prototype	Analog DC
Division	Megregian			D &		
				RGW		
Office Union	Marty	O (2 Rail)	Steam	UP	Fantasy	Analog DC
Pacific	Megregian			mostly		
TAMRRC,	The Titusville	O (3 Rail)	NA	Multiple	Freelance	Analog DC
Inc O	Area Model					
Layout	RR Club					
TAMRRC,	The Titusville	Ν	Any	Any	Freelance	DCC
Inc N	Area Model					
Layout	RR Club					

The NMRA Calendar Pinup Model Tour

L5203 August 3, 7:30 AM – 5:30 PM Price: \$75

See some of the layouts featured in the NMRA's annual calendar up close and personal. Each of these layouts has been on the cover of the calendar 4 out of the last six years. This is the only tour where you can see the work of three Master Model Railroaders and museum quality layouts. A long day but well worth it. Lunch and museum entrance fee included in the tour price.

Jemez & Rio	Jim Gore MMR	On30	Oct-51	J&RG, D&RGW	Prototype	DCC
Grande	Gail	ШО	10 52 «4	Chaganaalka P	Freelance	DCC
West Virginia Northern	Gan Komar, MMR	НО	1952 steam operations / 1958 diesel operations	Chesapeake & Ohio	F reelance	DCC
Sundance Central	Sundance Central Inc.	Fn3	Late 30s to early 40s	D&RGW Sundance Central; WSLCo	Freelance	Analog DC
Virginia South Western	John Wilkes, MMR	НО	1976 to 1979	L & N; Southern Ry; N & W	Prototype	DCC

SAL - The Silver Meteor

L5208 August 3, 8:00 AM – 4:30 PM Price: \$50

Offering a mix of N and HO layouts this tour also features a look at model railroading history in the form of Railrodeo and a railroad museum housed in Palatka's historic train station. The tour is also timed so that attendees can observe Amtrak's Silver Meteor stop in Palatka (based on the Dec 2016 schedule). Lunch is included in the price of the tour.

Rails of Palatka	The Palatka Railroad Preservation Society, Inc.	НО	1940 - 1960	ACL, FEC, Southern	Prototype	DCC
Railrodeo	The Palatka Railroad Preservation Society, Inc.	НО	1940 - 1970	Various	Freelance	Analog DC
Asheville Dist Yard to Salsbury Spartinsburg	Jim Tenefrancia	Ν	1954 - present	Southern, NS, N&W	Prototype	DCC
Palm Coast & Santa Fe	Stuart Sabatini	НО	1960's	Santa Fe	Prototype	DCC

SAL - Silver Star

L5215 August 3, 8:30 AM – 6:00 PM Price: \$60

The Silver Star includes three beautiful HO home layouts and large N and HO club layouts, all of which are a pleasure to see. Lunch is included in the price of the tour.

Butte Line	Bob Johnson	НО	Steam/Diesel Transition	Union Pacific	Prototype	DCC
Schuylkill Branch Pennsylvania RR	Jerry Fassnacht	НО	1956	PRR, Reading, LV	Freelance	DCC
Price Street Station	Len Zitnik	НО	1940's - 1960's	Many	Freelance	DCC
Potomac and Western RR	The Suncoast Model Railroad Club	НО	1960's	Multiple	Freelance	DCC
Gulf and Northern RR	The Suncoast Model Railroad Club	Ν	Any	Multiple	Freelance	DCC

SunRail (Central FL Self Guided)

L5212 August 5, 10:00 AM Price: \$25

This self-guided tour shows off some of the home layouts that are closer to the convention hotel, most with unique features. Drive yourself and spend as much time as you want at each stop within the overall tour times.

None	Bob Virnig	НО	1930's	Deutsche Reichsbahn	Fantasy	DCC
Copper & Woodchute Mountain RR	Phil Piet	On30	Late 1920's	United Verde & Pacific/ATSF	Freelance	DCC
Stuyvesant Poolsburg and Kinderhook	Dave Barron, MMR	НО	Modern	Any	Freelance	DCC
Atlantic and Southern Railroad	Tom Langford	НО	any	ACL, SAL L&N, SRR	Freelance	DCC
New Haven RR	Robert Gross	НО	Fall 1948	New Haven	Prototype	DCC
My Pennsy	Ray Gabler	O (2 Rail)	50's transition	Many	Prototype	DCC
Northern Florida Railway	Larry Shughart	S	Any	Variety	Freelance	Analog DC
Palm Coast & Santa Fe	Stuart Sabatini	НО	1960's	Santa Fe	Prototype	DCC
Allegheny and Lake Erie Railroad	The Citrus Model Railroad Club	НО	Western Pennsylvania 1950's	A&LE, Western Allegheny	Freelance	DCC
CMRC N Scale Layout	The Citrus Model Railroad Club	N	Any Era	All Roads	Freelance	DCC
American Western	Tom Hammond	НО	Present day freight and Amtrak	Most major RRs	Fantasy	DCC

	Dave					
Mule Pass &	Barron,					
Woodland RR	MMR	HO	1927	Many	Freelance	DCC

Prototype Tours

For your safety, all Prototype Tours have a specific dress code. Purchasers of a ticket to any Prototype Tour requires a shoe with a defined heel and solid toe. Sneakers are not permitted. Sandals and flip flops are not allowed. Shorts or tank tops are not permitted. Jeans, dress pants, Dockers etc. are acceptable. AMTRAK will provide hardhats and safety vests.

These tours include industrial areas and may not be completely ADA accessible. There isn't any age restriction but all children under age 18 must be accompanied by a parent or guardian.

Amtrak's Auto Train

P2303	July 31, 6:00 AM – 12:00 AM	Price: \$60	Limited to 24 people
P2305	July 31, 11:00 AM – 5:00 PM	Price: \$60	Limited to 24 people

Come and get a sneak peek at the longest passenger train in the world, Amtrak's AutoTrain. On this tour, you'll discover how Amtrak's AutoTrain moves people and their vehicles, every day of the year between Lorton, VA and Sanford, FL. You get a private tour of the train yard and station facilities, see the auto ramps where they load & unload passenger's vehicles and discover why this train is an important part of Amtrak's fleet.

Tampa Phosphate And Industrial Tour

P3306	August 1, 9:30 AM – 4:30 PM	Price: \$70
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Phosphate. It's a basic chemical compound used in fertilizer. And the second largest source of phosphate worldwide is the Bone Valley in Florida. Phosphate moves by rail from The Bone Valley to points north and to the Port of Tampa Bay where it's offloaded and shipped worldwide.

On this tour, guided by Jim Langton, CSX's Market Manager for Bone Valley Phosphates and byproducts, you'll discover the history and methods used to mine this important agricultural product.

This tour will start out with a boat tour of Port Tampa Bay, cruising by Rockport Yard, CSX's offloading facility for phosphate. This yard services the phosphate industry 24/7 every day of the year except Christmas. Trains are constantly unloaded using a rotary dumper and rotary hoppers as they arrive from Mosaic Industries plants in the Bone Valley.

From here you'll visit Tampa Union Station. More than a train station, this Italian Renaissance Revival designed station has served Tampa for more than 100 years. Tampa Union Station has been a landmark for generations of Tampa travelers and residents. You'll have a guided tour of the station and lunch will be delivered here.

From the station, you'll depart for Mulberry, FL at the northern edge of the Bone Valley. Here you'll visit the Mulberry Phosphate museum. Part of this museum is located in former boxcars. You'll see cars, a caboose and an 1880 Steam Locomotive that was found by accident in 2012 by an excavation crew along with the history of phosphate and the mining industry. On the way back to Orlando you'll have a drive by tour of the Mosaic Ridgewood plant. There's plenty to see and do on this tour.

The Florida Railroad Museum

P4301	August 2, 8:30 AM – 4:00 PM	Price: \$70	Limited to 48 People
P4301C	August 2, 8:30 AM – 4:00 PM	Price: \$105	Limited to 4 People

The Florida Railroad Museum (reporting mark FGCX) is located in Parrish, FL and operates a heritage railroad offering round-trip tourist excursions along six miles of the former Seaboard Air Line Railway route between Parrish and Willow.

On this tour, you will see untouched Florida, the Real Florida as the train makes its journey from Willow to Parrish. When you arrive in Willow, tour guides will take you through the FRRM maintenance yard and car shops taking about the equipment and the displays in the yard. In Willow they have recreated a typical Seaboard Air Line station along with restoring several display equipment and some of the saw mill equipment that was used onsite in the early 1900's. You'll then board the train and then make the 45 minute ride to Parrish. In Parrish you'll get to see their gift shop and a G Scale model railroad display built inside an ex Union Pacific Baggage Car.

They also have several other static pieces on display including an EMD NW5 - one of 13 ever built. Lunch will be delivered in Parrish and you may eat it there or onboard the train on your return to Willow. There will be 4 Cab Rides available, 2 southbound from Willow to Parrish and 2 northbound from Parrish to Willow for an additional charge.

The museum was founded in 1981 as the Florida Gulf Coast Railroad Museum, and has been operating weekend excursions out of Parrish since 1992. The museum is also active in the ghost town of Willow, where it has maintenance facilities. At Willow, there is a railroad spur that leads east off of the mainline to a Florida Power & Light Company plant with CSX Transportation providing rail service to the plant. The Florida Railroad Museum is one of three Official State Railroad Museums in Florida.

This tour is 100% ADA accessible.

TECO Street Car Lines

P5302	August 3, 9:30 AM – 3:00 PM	Price: \$50
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In their heyday, Tampa's streetcars whisked passengers to and from Ybor City, Ballast Point, Hyde Park, Sulphur Springs and points beyond. Operated by uniformed conductors, the Birney cars were a welcome sight, and the familiar clang of the streetcar bell was music to the ears. To ride the streetcar was to feel the pulse of the community. Tampa's first electric streetcar lines built in 1892 quickly became an essential part of everyday life as workers took the streetcar downtown and to the cigar factories of west Tampa. And families climbed aboard for a picnic or ball game in DeSoto and Macfarlane parks. Reaching the peak of its popularity in the 1920s with almost 24 million passengers in 1926, Tampa's streetcar system rolled to a stop in August 1946 following World War II.

Today, electric streetcars are back in Tampa, supporting continued growth in Downtown, Channelside and Ybor City. The first phase of the TECO Line Streetcar System is a 2.4 mile section that connects these three areas, improving transportation capacity, supporting Tampa's thriving cruise industry and transporting workers to and from their jobs. The first part of the second phase of the system is an extension that extends the system north on Franklin Street to Whiting Street and the Fort Brooke parking garage. It connects the more than 35,000 people who work in the downtown area to almost every major downtown parking structure.

Non-Rail Tours

Bok Tower Gardens

G1414 July 30, 1:00 PM – 7:30 PM Price: \$55

Bok Tower Gardens located in Lake Wales, Florida is a National Historic Landmark. Bok Tower Gardens consist of a 205 acre Garden, a 205-foot tall Singing Tower, Pine Ridge Trail, Pinewood Estate, and Visitors Center. The Garden features acres of ferns, palms, oaks, pines wetland plants and countless other species of plant life. The Garden is also a refuge for hundreds of species of birds including Wild Turkeys and Sandhill Cranes. Singing Tower is the center piece of the Gardens. the 205-foot tower houses a 60-bell carillon set. The tower is built of Pink Etowah marble, Grey Creole marble and Coquina Stone. The Singing Tower carillon concerts are at 1 & 3 p.m. daily with short selections played on the hour and half-hour. Pinewood Estate is a 20 room Mediterranean Revival Mansion. The Mansion was built between 1930-1932 by C. Austin Buck Vice President of Bethlehem Steel Co. as a winter Residence. the Mansion has been restored to its 1930's appearance.

Daytona International Speedway All Access Tour

G2408 July 31, 8:00 AM – 1:45 PM Price: \$60
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Embark on an exciting privately guided tour through the historic sites of Daytona International Speedway. Venture behind the scenes and discover what makes DAYTONA the "World Center of Racing" and the leader in motorsport entertainment. You will explore areas such as: drivers meeting room; Nascar Sprint Cup Series Garages; Tech Inspection; Gatorade Victory Lane and the new stadium with amenities. Your tour concludes with access to the Coco-Cola theater and a close-up look at the Champion DAYTONA 500 car.

Kennedy Space Center Visitors Complex Tour

G3402	August 1, 8:00 AM – 6:00 PM	Price: Adult \$100.00	
		Child \$90.00	

Welcome to the greatest space adventure on earth! Kennedy Space Center Visitor Complex is the only place in the world where you can walk under the largest rocket ever flown, touch a moon rock, meet an Astronaut, experience the International Space Station and stand nose-to-nose with Space Shuttle Atlantis. The Apollo/Saturn V Center and bus tour is included.

Medieval Times Dinner & Tournament

G3405	August 1, 6:15 PM – 10:45 PM	Price: Adult \$80.00	
		Children (3-12) \$70.00	

Experience the excitement, the pageantry and thrills of an authentic medieval tournament come to life inside the walls of the King's11th century-style castle. The Knights of the Realm compete in thrilling games on horseback seeking the title of champion. The Royal Court invites you to a four-course feast as you watch the incredible pure Spanish horses perform feats of equine skill. What's a medieval castle without a village to supply all its needs. The village is set around a small courtyard with a cobblestone street, where there is a series of workshops including a basket shop, carpentry shop, metalsmith and a blacksmith creating chain mail armor one link at a time. There is also a cloth weaver working at an 800-year-old loom.

Valiant Air Command	Warbird Museum
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G4407	August 2, 10:00 AM - 4:15 PM	Price: Adult \$65.00
		Child \$60.00

Valiant Air Command Warbird Museum is an educational Museum that displays, maintains, and restores all types of aircraft that were indigenous to the world's military Air Forces from WW1 to the present. The Museum provides a great opportunity to see a unique collection of venerable aircraft, exhibits, displays, and artifacts. One of the most venerable warbirds of the Valiant Air Command is the C-47 "Tico Bell" which has been restored to flying status. The "Tico Bell" flew from the invasion of Normandy to Cherbourg, to Arnhem, to Bastogne, to the Berlin Airlift, and much more.

Sleuths Mystery Dinner Show

G2420	August 2, 5:00 PM – 9:45 PM	Price: Cornish Game Hen \$75.00
		Lasagna \$75.00
		Prime Rib \$80.00
		Child Chicken Tenders \$75.00

Join us for a comedy mystery show where you become the detective and solve the crime! Your evening begins by entering one of three intimate theaters where you are greeted and treated like an invited guest by our outrageous characters. Watch an inspiring cast of characters in a puzzling and plot driven mystery dinner show. Join an interactive audience and engage in the comedic investigation of a mystery while enjoying appetizers, succulent entrees, a mystery dessert and unlimited beverages. After dinner, the detectives move around the room allowing each table to ask questions and uncover additional clues. It's improvisational comedy that will have you in side-splitting laughter as you solve the crime.

You have these meal selections:

- Cornish Game Hen with herbed stuffing, sweet potato, vegetables and cranberry sauce
- Lasagna with meatballs and vegetables and garlic bread
- Prime Rib with baked potato and vegetables
- Children age 4-11 may choose Chicken Tenders with mac 'n cheese and vegetables

All dinners come with Garden Salad, Bread, Crackers, Signature Cheese Spread, a choice of Mystery Dessert and Unlimited Beer, Wine and Soft Drinks.

Yuengling Brewery

G5418 August 3, 08:30 AM – 1:30 PM Price: \$40

Step out from under the hot Florida sun to discover how the cool, crisp taste of Yuengling is brewed and bottled. Tour the Yuengling Brewery in Tampa where America's oldest brewery uses modern technology to brew fine beer in a time honored tradition. Sample the Yuengling heritage for yourself at the brewery's biergarten. Yuengling tour guides will share with you the history of the brewery and detailed information regarding the brewing process. Age 21 and Older please.

G5417 August 3, 5:00 PM – 2:00 AM Price: \$60

Instead of a night on the town how about a night with Lady Luck on the Victory Casino Cruise out of Port Canaveral. The Victory Casino Evening Cruise offers 630 popular up-to-date slot machines and 29 table games on a spacious 4-deck cruise ship. Here you will find the states only Roulette and Crap tables, multiple Black Jack tables with liberal rules and limits as low as \$5, Let it ride, Three Card Poker and ultimate Texas Hold'em. Also, included on the cruise will be a buffet dinner, delightful entertainment and \$20 in qualified slot play. Age 21 and older please.

Candy Making at Farris & Foster's Chocolatiers

N2502	July 31, 09:00 AM – 2:45 PM	Price \$50	Limited to 44
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This trip is entertaining and educational for both children and adults. Visit Farris & Foster's Chocolatiers in beautiful Baldwin Park in Orlando! Step into the shop and be greeted by the wonderful aroma of chocolate, put on your chocolatiers hat and apron and step into their kitchen to learn hands-on how a chocolatier makes delicious chocolate candy. Children participating in this event must work with an adult. The shop also has delicious "sugar free" chocolate. Following candy making at Farris & Foster's Chocolatiers you will take a 2-minute walk to Gator's Dockside for fun and lunch on your own. You can look out over the lake while you enjoy a fantastic lunch you have chosen from their menu. The kids can also play one of Gator's games in an area set up especially for them. A children's menu is available.

High Tea at The Corner Rose Tea Room

N3504 August 1, 10:30 AM - 2:15 PM Price: \$55

Come to High Tea in the lovely setting of the Corner Rose Tea Room where a Tradition of the Past Comes Into the Present. If you wish, bring your children so they can learn about a tradition that has traveled from the past to the present. The Tea Room is operated by volunteers from the Pine Castle Women's Club. Their High Teas benefit the Russell Home for Atypical Children. You will be served special varieties of freshly brewed loose leaf tea, homemade scones, soup, salad, a variety of tea sandwiches, fruit, and delightful desserts. While you relax to the sound of soft music, learn the history of the High Tea, learn about the china that is used, and various teas that are served from Judy Williams and Elaine Giammasi. To further enhance your knowledge of High Tea view the Tea Room's historical displays and when you are finished visit the gift shop where you may purchase items to help you carry on this delightful tradition at home. The dress for this tea is casual (slacks, skirt, blouse, knit top, or a dress). Hats are generally worn to High Teas, however, hats are not necessary at this tea. If you wish you may wear your own. If you would like to wear a hat but didn't bring a hat with you, Corner Rose Tea Room will be happy to loan you one. Board the bus to the Corner Rose Tea Room and make new friends, have a new experience or renew old friendships, and feel pleasure knowing you have donated to a charity that helps to improve the lives of many deserving children.

Stein Mart Fashion Show

N4506 August 2, 1:00 PM – 4:30 PM

Price: \$40

Come see the exciting fall and winter fashions at our special fashion show Presented by Stein Mart. Fashions presented will be for those young and "young at heart". You'll see the fashions of today, learn some fashion pointers and enjoy refreshments. Afterwards you're free to shop at Stein Mart. Who knows, you may even know some of the models!

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Aprons Cooking School

Price: \$85 N5501 August 3, 5:30 PM – 9:00 PM Limited to 25 People

Aprons' presented by Publix Supermarkets offers something for everyone, from adults to kids and culinary newbies to hardcore foodies. An Aprons Cooking School Chef will lead you through preparing a fourcourse meal. You will learn how to master various culinary skills while actually doing the work. Then you will be able to taste the menu items you created. If you have children a special preparation table will be set up for children where they will learn the fundamentals of cooking in an engaging and fun way. Children must be at least 8 years of age to participate.

Onsite Non-Rail Activities

We are excited to offer a wide variety of Non-Rail Activities! We have craft sessions on Knitting, Acrylic Painting, Counted Cross Stitching, Digital Photography and Beading.

In addition to these programs we also have four movie nights featuring railroad themed movies, the Non-Rail Social Lounge and Project Linus. In the Social Lounge, we'll have decks of cards, board games and books you can read while you relax, make some new friends or rekindle old friendships.

Learn to Knit a Baby Blanket

N5513 August 03, 1:00 PM - 2:00 PM **Price: \$10** Limited to 20 People

Have you ever knitted a baby blanket and then discovered that the baby can become tangled in the knitted stitches? Well, Eva Wahfeldt has a solution for the problem. She will show you how to knit a baby blanket with a flannel backing. This is a cuddly blanket for baby. This is a hands-on project. Don't worry about supplies for this project; they are supplied. Just come and join others in learning this technique.

Scenic Acrylic Painting

N5508 August 03, 3:00 PM - 6:00 PM Price: \$35 Limited to 25 People

Have you ever wanted to paint a beautiful picture? Railroaders, would you like to know how to paint a realistic cloud, meadow, or tree, etc. on your layout backdrop? Ruth Donnelly, an accomplished artist, will teach you how at The Rosen Plaza. In this hands on experience you purchase your supplies and leave with a picture you may hang in that special place in your home. Youths must be at least 13 years of age to participate.

Learn to do Counted Cross Stitching

N6509	August 4, 9:00 AM – 10:00 AM	Price: \$10	Limited to 20 People
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Have you ever done Counted Cross Stitch? Join Elaine Giammasi in this interesting craft. This is a handson experience and you will be furnished with all the supplies you need to complete the project presented. Elaine will not only show you how to do this type of cross stitching, but she will also show you some of her Counted Cross Stitching and discuss how to do this using different fabrics.

Learn to Crochet a Lovely Scarf

N6512 August 04, 10:30 AM – 11:30 AM **Price: \$10**

Have you ever seen a lady with a beautiful scarf draped over her shoulders and thought, "I wish I knew how to crochet then I could make that scarf?" Come and learn how to crochet that scarf with Judy

Williams. This is a one skein enchanted crocheted scarf. The yard is soft strands of medium weight worsted yarn and can be completed in few hours. The texture and color combination is the perfect mix for a casual evening out, and this gorgeous scarf will keep you warm on cool nights. You need not worry about the supplies, they are included.

How to Create the Best Digital Pictures

N6507 August 04, 1:30 PM – 2:30 PM Price: \$35 Limited to 30 People

Would you like to take better photographs of your railroad layout, or those memorable family events? Are digital cameras confusing and intimidating to you? Susan Francis, Owner and Director of Harmon's School of Photography, will demonstrate how to get the best digital photographs including how to simplify exposure. If you have a specific question about digital photography jot it down so you can ask Susan.

Easy Photo Editing Programs

N6511	August 4, 3:00 PM – 4:00 PM	Price: \$35.00	Limited to 30 People
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Would you like to learn more about easy photo editing programs? Susan Francis, Owner and Director of Harmon's School of Photography will review some easy editing programs that help you enhance and edit your digital photos.

"A Time for Jewelry Creativity"

N7503 August 05, 09:00 AM – 12:00 PM Price: \$65 Limited to 20 People

Presented by Bead Bar, Inc. of Orlando, keeping things fun while bring out your creative skills is their aim. Come and enjoy this jewelry making session at the Rosen Plaza. Experienced instructors will lead you through crafting three beautiful bracelets that you may want to keep for yourself or give to a friend! After participating in the session of creativity, you and your friends may want to take a trip on your own to the fantastic Bead Bar shop here in Orlando. It has the appearance of a fine jewelry store with a wide array of beads and other items you may need to create beautiful jewelry. To participate in "A Time for Creativity" you must be 16 years of age or older.

Onsite Meal Events

Ice Cream Social M7602 August 3, 7:30 PM – 9:30 PM Price: \$5

On Thursday night, we'll all scream for Ice Cream at our Ice Cream Social. Come down to the pool and get a Klondike Bar and meet and greet old friends and new ones too. We'll have three flavors of Klondike Bars for you choose from.

Dinner in the Diner, the Annual NMRA Banquet

M7601 August 5, 6:00 PM – 9:30 PM Price: \$70.00

Sponsored by Sunshine Region, come feast on a great dinner menu from railroads gone by. Start with an Arugula Salad with Candied Pecans, Bleu Cheese, a Tomato Wedge and Dried Cherries topped off with your choice of Greek Peppercorn or Asian Dressing.

You'll have a choice of Atlantic Coast Line Railroad Pan Seared Salmon Filet with Corn, Cilantro and Rock Shrimp Sauce, Slow Roasted Sliced Striploin of Beef with a Cipollini Onion Glaze, Vegetarian Three Cheese Lasagna or Southern Pacific Lines Black and Blue Stuffed Breast of Chicken Stuffed with Chorizo, Black Beans and Crushed Blue Corn Tortillas. All are served with Asparagus, Baby Carrots, Roasted Baby Peppers and Roasted Garlic Mashed Potato. Complete dinner with table choice of Fresh Made Florida Key Lime Pie with Raspberry Drizzle or Tiramisu Cake with Cocoa Powder.

Dinner rolls with butter, soft drinks, iced tea, coffee and hot tea are available. A cash bar will be available during dinner.

Clinics

All clinics will be held in the convention hotel, The Rosen Plaza in the second floor conference wing. Our clinicians are a mix of veterans and new presenters. There will be a broad mix of Program Tracks and Skill Levels so you'll be able to plan your schedule to maximize your learning interesting in model railroad subjects and techniques.

Lecture style clinics at the convention are included for all convention registrants. Attendees do not need to purchase tickets to attend these clinics. You only need to display your convention nametag for entry to the clinic rooms.

Extra Fare Clinics

There are some Clinics which require advanced registration and payment to attend. These Extra Fare Clinics are usually hands-on, make-and-take clinics. Aided by the clinician, you'll work on a project and will be able to take it with you when you leave. These clinics are limited in size and sell out quickly. If you are interested in attending extra fare clinics, be sure to register for them as soon as possible.

We have two exciting hands on clinics this year; Arduino - The Very, Very Basics and Hands On Arduino Programming. Please see the clinic listing on <u>http://NMRA2017Orlando.org</u> for more information.

Hands On Arduino Programming

Clinic Number: C4207 Title: Hands On Arduino Programming Date: Wednesday, August 2, 2017 Time: 1:00 PM - 5:00 PM Price: \$50 Instructors: John Mick & Ray Hazen

This clinic will teach attendees how to use the Arduino and its Integrated Development Environment (IDE); how to provide control for dozens/hundreds of different uses for it in our hobby. The audience for this clinic should be all modelers interested in any kind of animation on their layout. The result will be the ability to develop their own systems containing lights, LEDs, motors, servos, displays, relays, solenoids, or whatever they come up with, to build all kinds of interesting additions to their layout.

The clinic will begin with about an hour-and-a-half of lecture followed by two-and-a-half hours of handson experimenting by the attendees. They should leave with an understanding of the Arduino features, interfacing, and using the IDE to create software for their projects.

Attendees need only bring a laptop PC or MAC. Attendees will receive an Arduino UNO with USB cable, 5VDC power adapter, a custom designed experiments board and wires for experiments using the UNO. A CD will be provided containing all the software needed for successful learning of the Arduino, interface connections and using the IDE to create the software.

Model Railroading with Arduino and Raspberry Pi

Clinic Number: C4211 Title: Model Railroading with Arduino and Raspberry Pi Date: Wednesday, August 2, 2017 Time: 7:00 PM - 10:30 PM Price: \$70 Instructor: Jiri "George" Keprda

Learn how to construct a complete, inexpensive DCC system based on DCC++, Raspberry PI and JMRI including a wireless option. Participants will receive an Arduino board and a Raspberry Pi.

Attendees must bring a laptop to participate in this clinic.

Modeling With the Masters

As part of the NMRA Education Department, Modeling With the Masters (MWTM) is a very popular component of the National Convention. These hands-on Clinics are presented by those who have earned their Master Model Railroader designation through the NMRA Achievement Program. The 4 to 5 hour sessions will be offered Sunday through Wednesday. Sessions begin with an overview of the project followed by each participant working on their own under the guidance of a Master Model Railroader.

Note: These sessions have a maximum seating capacity of 24.

These sessions are extra fare. You will need to pre-register for your choice of sessions and pay the required fee. You will be able to take your project with you when you leave. Remember, these clinics sell out quickly. Register for them soon after they become available.

MWTM extra-fare clinics begin with an "M". Each MWTM clinic will have its own session number.

For all Modeling With The Masters Clinics, please note the following:

- Students need to bring their own tools in order to participate in Modeling With The Masters clinics
- Bring any other tools you usually use or might find useful. Optional tools:
 - **Optivisor**
 - Extra work light.

These are handy tools which you could use in Modeling With The Masters clinics, but it is not essential that you buy them just for this week. It is your option!

A good way to carry all of these tools is to buy a small inexpensive plastic tackle box. These are usually available at department stores year-round.

- An updated tool list may be sent to you the week prior to the convention or will be on the Convention web site.
- If not listed here, Modeling With The Masters will provide materials such as glues and paints

MWTM - "Scenery by the Square Foot" - A Two Part Clinic (part A)

Clinic Number: M1178 Scale: N-HO-S-O Date: Sunday, July 30 2017 Time: 5:30pm to 10:30pm Price: \$55 Lead Instructor: Peter Youngblood, MMR assisted by Clark Kooning, MMR, Jim Gore MMR & Fred Headon, MMR

This is a two-part clinic...you pay one fee of \$55 but must attend Part A and Part B to complete this clinic. Part B of this clinic is on Tuesday, Aug 1, 2017 from 12:30pm to 4:30 pm.

Introduction to Model Railroad scenery.... Learn basic scenery techniques applicable to all scales using readily available commercial products. In one square foot, you'll build and contour land forms using layers of foam insulation board. Next, you'll apply ground cover materials, make a pipe drainage culvert, ballast a short segment of HO scale track, create a gravel country road, make several trees, install a grade crossing and add a trickle of water to the culvert. This is a two (2) part clinic due to the need for drying time during which you put down a foundation. The second part of the clinic is Tuesday August 1 from 12:30pm to 4:30pm.

Required Tools

- #1 Xacto knife
- #11 & #17 Xacto blades
- #1433 Woodland Scenics Foam Knife w/blade
- #ST 1432 Woodland Scenics Foam Nails
- #S912 Woodland Scenics Sprayer Bottle
- 12" Metal Ruler graduated in inches
- Small pointed tweezer

- 2 Paint brushes (#3 and ½" flat)
- Emery Boards (the ones women use to file their nails)
- Small scissor
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)
- ¹/₂" clear Scotch Tape
- 1 Pack Handi-Wipes

MWTM - Introduction to Plastic Structures & Painting with Acrylics and Pan Pastels – A Two Part Clinic (Part A)

Clinic Number: M2179 Scale: HO Only Date: Monday, July 31, 2017 Time: 7:30am to 11:30am Price: \$55 Lead Instructor: Fred Headon, MMR & Clark Kooning, MMR; assisted by Peter Youngblood, MMR, & Jim Gore MMR

This is a two-part clinic...you pay one fee of \$55 but must attend Part A and Part B to complete this clinic. Part B of this clinic is on Tuesday, Aug 1, 2017 from 8am to 11:30am.

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for those who are new to building structures and as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. You will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and a sponge. You will be assisted by 3 other MMRs during your hands-on experience. This is a two (2) part clinic. In the first clinic session, you will assemble the project kit and apply the basic primer paint as a foundation. Due to the need for drying time, we will then have a second session on painting the structure with Acrylics and Pan Pastels.

- Self-healing cutting mat 8 1/2" x 12" or larger
- #1 Xacto knife with NEW #11 blade
- Extra new #11 blades
- #1 Xacto with a NEW #17 blade
- Metal cutting edge (scale rule will work)
- Tweezers straight tip, hooked tip
- Sanding stick and/or flat files
- Single edged razor blades

- Micro-brushes
- 3 or 4 small (approximately 2.5 oz.) weights
- Paint brushes #2 flat tip bristles, (#000 flat tip or pointed tip bristles)
- Sprue cutter
- Rite-Way clamps, either clamp style or magnet style
- Right angle square

MWTM - Building Structures with Styrene

Clinic Number: M2180 Scale: HO & O Date: Monday July 31, 2017 Time: 12:30pm to 5:00pm Price: \$48 Lead Instructor: Jim Gore MMR; assisted by Peter Youngblood, MMR, Clark Kooning, MMR, and Fred Headon, MMR

Jim Gore, MMR will take you on an amazing journey into building with Styrene. This clinic will cover the construction of a basic scratch built structure using Styrene. We will be building a shed based upon a George Sellios (FSM) design. This could be a garage or a shed on just about any model railroad. He will cover tools and techniques and some detailing and weathering ideas for Styrene in general.

Required Tools:

- Self-healing cutting mat 8 1/2" x 12" or larger
- #1 Xacto knife with new #11 blades
- Fine-pointed pencil (mechanical pencil is best)
- Extra new #11 blades
- Sanding sticks
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)

- Fine-tipped forceps ("tweezers" not a hemostat)
- Scale rule (metal, if possible)
- #2 or smaller stiff-bristled brush
- Fine sandpaper 400 to 600 grit
- File card OR a metal-bristled brush (usually used for cleaning files and removing rust) [sometimes called a "metal toothbrush]

MWTM - Weathering Rolling stock with oil-water base artist paints & other products

Clinic Number: M2181 Scale: HO & N Date: Monday July 31, 2017 Time: 7pm to 10:30pm Price: \$35 Lead Instructor: Clark Kooning, MMR; assisted by Peter Youngblood, MMR, Fred Headon, MMR, & Jim Gore, MMR

Clark Kooning, MMR and the MWTM team will provide you with the knowledge to look at the prototype for weathering ideas on freight cars. Then they will show you how using primarily oil-water base artist paints you can weather your own cars You will be shown how to choose, mix and apply the artist medium to your models to create your own realistic weathering. In addition, they will be discussing how an airbrush

is also important in this process. We will also discuss the different types of other weathering products you may also choose to use in addition to the primary application of primarily oil-water base artist paints.

Required Tools:

- <u>IMPORTANT NOTE: Each Student is</u> responsible to bring his or her own cars for weathering. We ask you to bring 2 cars a <u>Modern Box car and a covered hopper.</u> Participants must drop off both cars on <u>Sunday night for prepping by staff!!!</u>
- Assorted Paint brushes 1/8 flat, 1/4 flat ¹/₂ flat ¹/₂ fan brush ³/₄ fan brush - Must be made for oil paints.
- Fiberglass Eraser (small pencil style) Micro Mart carries this Item #14259

- 12" Steel ruler graduated in scale feet (for your scale)
- Toothpicks
- Emery boards (the ones women use to file their nails)
- Sanding stick
- 3 (000) Sable paint brush (may be called Natural paint brush)
- Plastic Paint pallet (Michael's Artist's Loft[™] Fundamentals[™] Palette & Knives Set Item# 10122055)

MWTM - Introduction Plastic Structures & Painting with Acrylics & Pan Pastels – A Two Part Clinic (Part B)

Clinic Number: M3182 Scale: HO Only Date: Tuesday, Aug 1, 2017 Time: 8am to 11:30 Lead Instructor: Fred Headon, MMR & Clark Kooning, MMR; assisted by Peter Youngblood, MMR & Jim Gore MMR <u>Prerequisites: YOU MUST HAVE TAKEN PART "A" on Monday, July 31, 2017</u>

Fred Headon, MMR will take you through the steps of building a Plastic Structure for the first time. This is a great project for those who are new to building structures as well as for those who have lots of experience. This clinic is not just about building a plastic structure kit; it is also about new ways of painting these types of plastic kits. This is a two (2) part clinic. In the first clinic session you will assembly the project kit and apply the basic primer paint as a foundation. Due to the need for drying time, there must be a Part Two for this clinic. In Part Two you will be taught to use Acrylics or craft type paint plus the use of Pan Pastels as a whole new way of painting a structure. You will be amazed at what you can do simply with a brush and a sponge. You will be assisted by 3 other MMRs during your hands on-experience.

You must have taken Part A of this clinic to participate.

- Self-healing cutting mat 8 1/2" x 12" or larger
- #1 Xacto knife with NEW #11 blade
- Extra new #11 blades
- #1 Xacto with a NEW #17 blade
- Metal cutting edge (scale rule will work)
- Tweezers straight tip, hooked tip

- Sanding stick and/or flat files
- Micro-brushes
- 3 or 4 small (approximately 2.5 oz.) weights
- Paint brushes #2 flat tip bristles, (#000 flat tip or pointed tip bristles)

Clinic Number: M3183 Scale: N-HO-S-O Date: Tuesday, Aug 1, 2017 Time: 12:30pm to 4:30 pm Lead Instructor: Peter Youngblood, MMR assisted by Clark Kooning, MMR, Jim Gore MMR and Fred Headon, MMR <u>Prerequisites: This is a two-part clinic. You pay one fee of \$55 but must attend Part A and Part B to</u> <u>complete this clinic. Part A of this clinic is on Sunday, July 30, 2017.</u>

Introduction to Model Railroad scenery.... Learn basic scenery techniques applicable to all scales using readily available commercial products. In one square foot, you'll build and contour land forms using layers of foam insulation board. Next you'll apply ground cover materials, make a pipe drainage culvert, ballast a short segment of HO scale track, create a gravel country road, make several trees, install a grade crossing and add a trickle of water to the culvert.

You must have taken Part A of this clinic to participate.

Required Tools:

- #1 Xacto knife
- #11 & #17 Xacto blades
- #1433 Woodland Scenics Foam Knife w/blade
- #ST 1432 Woodland Scenics Foam Nails
- #S912 Woodland Scenics Sprayer Bottle
- 12" Metal Ruler graduated in inches
- Small pointed tweezer

- 2 Paint brushes (#3 and ½" flat)
- Emery Boards (the ones women use to file their nails)
- Small scissor
- Self-healing cutting mat 8 1/2" x 12" (or larger is fine)
- ¹/₂" clear Scotch Tape
- 1 Pack Handi-Wipes

MWTM - Introduction to Laser Kits

Clinic Number: M3213 Scale: HO, N, S & O (\$10 additional for S & O Scales) Date: Tuesday, Aug 1, 2017 Time: 6:30 pm to 11 pm Price: \$48 for HO & N Scale \$58 for S & O Scale Lead Instructor: Fred Headon, MMR; assisted by Peter Youngblood, MMR, Clark Kooning, MMR and Jim Gore, MMR

Fred will take you through the steps of building a Laser Kit for the first time. Laser-cut wood is now used to create an array of precision-cut kits with parts ranging from walls with door and window openings cut ever-so-accurately to extremely fine window mullions. All parts fit perfectly (even in multiple layers) allowing the resulting structure to appear like a scratch-build model. Our project will involve a bunkhouse that could also serve as a storage shed on your model railway. You will be assisted by 3 other MMRs during your hands-on experience.

- Self-healing cutting mat 81/2" x 12" or larger
- NEW #17 blade in an Xacto knife
- Metal cutting edge (scale rule will work)
- NEW single-edge razor blade

- NEW #11 blade in an Xacto knife
- Tweezers straight tip, hooked tip
- Sanding stick and/or flat file
- 3 or 4 small (approximately 2.5 oz.) weights
- Paint brushes #2 flat tip bristles
- (#000 flat tip or pointed tip bristles)

- Right angle square
- Corner clamps (Rite-way clamp type or magnet type) Toothpicks or pointed glue applicator
- Brass or copper tube (scale appropriate diameter) for a smoke stack

MWTM - Introduction to Building Your Own Turnouts

Clinic Number: M4214 Scale: HO, HOn3, N, S, Sn3 & On30 (\$10 Additional for S, Sn3 and On30 Scales) Date: Wednesday Aug 2, 2017 Time: 8am to 1pm Price: \$48 for HO, HOn3 & N Scale \$58 for S, Sn3 & On30 Scale

Lead Instructor: Clark Kooning, MMR, assisted by Fred Headon, MMR; Peter Youngblood, MMR and Jim Gore, MMR

This clinic is about using a commercial product to build turnouts. Clark Kooning, MMR will be on hand to teach you how to use Fast Tracks products to build your very own scratch built turnout. It is easier than you think and can save you a lot of money as well as the enjoyment of building your own turnouts. An no commercial turnout can match there percussion.

- Cutting mat (should be of reasonable size. This is a must have item)
- 10" new sharp Flat Mill file (This is a must item! Make sure it's new!)
 - This should be a fine file, not coarse.
- Triangular needle file
- Small Needle nose pliers
- Short power bar (must bring)
 - 4' or longer cord (we use these to string power to each modeler if outlets are limited)
- Tweezers
- A Sharpie Marker (medium tip)

- Xuron Rail cutters (This is a must have item)
- A small soldering iron of 25 to 35 watts for N scale, Requires 35 watt for HO or larger.
 - Make sure your iron has a pencil type tip. Recommend WELLER model WP35. (This is a must have item)
 - Make sure you tip is new, clean and works.
- NMRA Track Gauge (if available in your scale)
- 1 set of free rolling trucks
 - Ensure these trucks are in gauge!

Note a complete Tool Kit for this clinic is available for sale by Fast Tracks at http://www.handlaidtrack.com/clinic



Registrant Name:			NMRA #:	
Name on Badge:				
Address Line 1:				
Address Line 2:				
City, State & Zip Code				
Email Address:				
Phone Number:				
Item		Base Price	Quantity	Total Cost
Base Registration		\$130	1	
Spouse Registration		\$65		
Spouse Name				
Child/Youth (under 18)		\$35		
Child/Youth Names				
		То	tal Registration:	
NMRA 2017 Orlando Polo Shirt	Quantity	Size	Price (each)	
Florida East Coast Red			\$40.00	
Seaboard Coast Line Black			\$40.00	
Atlantic Coast Line Purple			\$40.00	
CSX Blue			\$40.00	
Long Sleeve Blue Denim			\$55.00	
Short Sleeve Blue Denim			\$50.00	
		Tot	al Merchandise:	
Convention Cars		Quantity	Price (each)	
Tropicana R-70-20 Reefer TPIX 2017			\$35.98	
Tropicana R-70-20 Reefer Set of 4 TP 2693, 2698 & 2706	IX 2017,		\$130.00	
Farmland Industries 3 Bay Covered H 4750 PS-2 FLIX/CO-OP Set of 4 2017	Iopper		\$24.95	
Farmland Industries 3 Bay Covered H 4750 PS-2 FLIX/CO-OP Set of 4 2017, 3219 & 9245	11		\$92.00	
		- L_	Total Cars:	
			Total	
Registrat	tion Charge	s are higher a	fter 7/1/2017.	



Refunds are permitted as per the NMRA Standard National Convention Refund Policy.

Registra	ant Name:				
NMRA	.#:				
	MWTM & F	Extra Fare Clinics			
Tour #	Description		Qty.	Price	Subtotal
	Scenery by the Square Foot – Two Part Clinic - Must attend both. Scale: N HO S O Available 7/30 5:30 – 10:30 PM & 8/1 12:30 - 4:30	7/30 5:30-10:30 PM & 8/1 12:30 – 4:30 PM		\$55.00	
	Introduction to Plastic Structures, Acrylics & Pan Pastels – Two Part Clinic – Must attend both. HO Scale Only 7/31 7:30 AM – 11:30 AM & 8/1 8AM – 11:30 AM	7/31 7:30 AM – 11:30 AM & 8/1 8 AM – 11:30 AM		\$55.00	
	Building Structures with Styrene - HO & O Scale	7/3112:30 PM – 5:00 PM		\$48.00	
	Weathering Rolling stock with oil paints, etc. HO & N Scale	7/31 7:00 PM – 10:30 PM		\$35.00	
	Introduction to Laser Kits - HO & N Scale	8/1 6:30 PM – 11:00 PM		\$48.00	
	Introduction to Laser Kits - S & O Scale	8/1 6:30 PM – 11:00 PM		\$58.00	
	Introduction to Building Your Own Turnouts - HO, HOn3, N Scale	8/2 8:00 AM – 1 PM		\$48.00	
	Introduction to Building Your Own Turnouts - S, Sn3 & On30 Scale	8/2 8:00 AM – 1 PM		\$58.00	
Tour #	Extra Fare Clinics		Qty	Price	Subtotal
24211	Modeling Arduino & Raspberry Pi (Must bring a laptop to participate)	8/2 7 PM – 10:30 PM		\$70.00	
C 4207	Hands on Arduino	8/2, 1:00PM – 5:00 PM		\$50.00	
	Subtotal N	IWTM & Extra Fare	Clinic	s:	



		Title First	•	I	ast	
NAME	(primary registrant)					
Address	5					
City, St	ate/Province, Zip					
Country	y					
Phone #	£		NMRA	NMRA #		
]	Layout Tours				
Item #	Description		Qty	Price	Subt	otal
L1201	SAL - The Sunland Local	07/30, 2:00 PM		\$30.00		
L2214	Ridge Lines - Live Steam	07/31, 7:30 AM		\$30.00		
L2205	ACL - Palmetto I	07/31, 8:00 AM		\$60.00		
L2204	ACL - Palmetto II	07/31, 08:30 AM	[\$55.00		
L2210	PRR - The Broadway Limited	07/31, 1:00 PM		\$30.00		
L3209	ACL - Southwind I	08/01, 07:30 AM	[\$55.00		
L3206	SAL - The Orange Blossom Special	08/01, 08:00 AM	[\$45.00		
L3217	ACL - Southwind II	08/01, 09:00 AM	[\$45.00		
L3210	PRR - The Broadway Limited	08/01, 1:00 PM		\$30.00		
L3201	SAL - The Sunland Local	08/01, 6:00 PM		\$30.00		
L4207	ACL - The East Coast Champion	08/02, 7:30 AM		\$30.00		
L4202	ACL - The Florida Special	08/02, 8:00 AM		\$55.00		
L4213	ACL - West Coast Champion	08/02, 8:30 AM		\$55.00		
L4216	ACL - Dixie Flyer	08/02, 1:00 PM		\$35.00		
L5203	The NMRA Calendar Pinup Model	08/03, 7:30 AM		\$75.00		
L5208	SAL - The Silver Meteor	08/03, 8:00 AM		\$50.00		
L5215	SAL - Silver Star	08/03, 8:30 AM		\$60.00		
L7212	SunRail (Self Guided)	08/05, 10:00 AM		\$25.00		
		Total Lay	 out Tours	Charges:		



			Title	First		Last	(please
NAME (pi	rimary registrant)							
Address								
City, State	e/Province, Zip							
Country								
Phone #					NMRA ;	#		
		Pro	ototype	Tours				
Item #	Description				Qty.	Price	Su	ıbtotal
P2303	Amtrak AutoTrain (Mor	ning)		7/31, 6:00 AM		\$60		
P2305	Amtrak AutoTrain (After	rnoon)		7/31, 11:00 AM		\$60		
P3306	Tampa Phosphate & Indu	ustrial		8/1, 8:30 AM		\$70		
P4301	The Florida Railroad Mu	iseum		8/2, 8:30 AM		\$70		
P4301C	The Florida Railroad Mu	seum Cab Ride		8/2, 8:30 AM		\$105		
P5302	TECO Street Car Lines			8/3, 9:30 AM		\$50		
				Total Proto	type Tou	r Charges:		



		Title	First	La	st	(please p	rint)
NAME	C (primary registrant)						
Addres	55						
City, S	tate/Province, Zip						
Counti	ry						
Phone #					NMR	RA #	
			N D. IT.				
Item #		Descr	Non-Rail Top	urs	Qty.	Pric	Subtotal
G1414	Bok Tower Gardens	Disti	iption	7/30, 1:00 PM	Qıy.	\$55.00	Subtotal
G2408	Daytona International Sp	eedwav To	our	7/31, 8:00 AM		\$60.00	
N2502	Candy Making at Farris	7/31, 9:00 AM		\$50.00			
G3402	Kennedy Space Center V			8/1, 8:00 AM		\$100.00	
G3402	Kennedy Space Center Visitors Complex Child			8/1, 8:00 AM		\$90.00	
N3504	High Tea at The Corner		<u>.</u>	8/1, 10:30 AM		\$55.00	
G3405	Medieval Times Dinner &			8/1, 7:00 PM		\$80.00	
G3405	Medieval Times Dinner &	k Tournan	ent Child 3-12	8/1, 7:00 PM		\$70.00	
G4407	Valiant Air Command W	arbird Mu	seum Adult	8/2, 10:00 AM		\$55.00	
G4407	Valiant Air Command W	arbird Mu	seum Child	8/2, 10:00 AM		\$50.00	
N4506	Stein Mart Fashion Show			8/2, 1:00 PM		\$40.00	
G2420	Sleuths Mystery Dinner S	Show Corn	ish Game Hen	8/2, 5:00 PM		\$75.00	
G2420	Sleuths Mystery Dinner S	Show Lasa	gna	8/2, 5:00 PM		\$75.00	
G2420	Sleuths Mystery Dinner S	Show Prim	e Rib	8/2, 5:00 PM		\$80.00	
G2420	Sleuths Mystery Dinner S	Show Child	Chicken Tender	s 8/2, 5:00 PM		\$75.00	
G5418	Yuengling Brewery (21 and over please)			8/3, 8:30 AM		\$40.00	
N5501	Aprons Cooking School			8/3, 5:30 PM		\$85.00	
G5417	Victory Casino Dinner C	ruise (21 a	nd over please)	8/3, 5:30 PM		\$60.00	
			Т	<u>otal Non-Rail T</u>	<u>ours (</u>	harges:	



		Title Fir	·st	Last	(please p	rint)
NAME	(primary registrant)					
Addres	s					
City, St	tate/Province, Zip					
Countr	y					
Phone #				NMR	A #	
		Non-J	Rail Activities			
Item #		Description		Qty.	Price	Subtotal
N4513	Learn to Knit a Baby Bla	anket	8/3, 1:30 PN	1	\$10.00	
N5508	Scenic Acrylic Painting	With Ruth Donn	elly 8/3, 3:00 PN	1	\$35.00	
N6509	Learn to do Counted Cr	oss Stitching Wi	th 8/4, 9:00 AN	1	\$10.00	
N6512	Learn to Crochet a Love	ly Scarf	8/4, 10:30 A	M	\$10.00	
N6507	How to Create the Best I	8/4, 1:30 PN	1	\$35.00		
N6511	Easy Photo Editing Prog	rams Photograp	ohy 8/4, 3:00 PN	1	\$35.00	
N7503	"A Time for Creativity"	8/5, 9:00 AN	1	\$65.00		
			Total Non-Rai	Activities	Charges:	
		M	eal Events		I	
M7602	Ice Cream Social		8/3, 7:30 PM	1	\$5.00	
M7601	"Dinner in the Diner", C	hicken	8/5, 6:00 PN	1	\$70.00	
M7601	"Dinner in the Diner", B	eef	8/5, 6:00 PN	1	\$70.00	
M7601	"Dinner in the Diner", S	8/5, 6:00 PM	1	\$70.00		
			 Total N	/Ieal Event	t Charges•	



	Title	First	Last	(please print)
NAME (primary registrant))			
Address				
City, State/Province, Zip				
Country				
Phone #			NMRA #	
Item #				Total
		Total Pa		
			Total Registration	
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			Total Layout Tou	
			Total Prototype Tou	
			Total Non-Rail Tou	
			Total Non-Rail Activiti	
			Total Meal Even	ts
			Total Charge	25:
	В	illing Inform	nation	
Name on Card:			Credit Card Type	
Billing Address:		(Credit Card Number	
City:		Expirati	ion Date MM/YYYY	
State:			CVV Number	
Zip Code:				
Phone Number:				

Mail these forms to: NMRA HQ P.O. Box 1328 Soddy Daisy TN 37384-1328