



Our newly designed logo.



Check us out on Facebook and Twitter

Message from our President

Welcome to the Cape Fear Model Railroad Society's first issue of The Tie, our newsletter.

Our goal in producing this newsletter is to keep our members and friends up to date on our current and future model railroading activities.

We are celebrating our 20th Anniversary and have made some changes to our website which I think makes it more informative and effective. A special thanks to Lancer Media Group for all their help with the website.

Check out our newsletter and website, let us know what you think.

For more information about us, email us or stop by the first Tuesday of each month at 705 S. Kerr Ave., Wilmington, NC (formerly the Salt Shaker Bookstore) at 7:00 p.m.

Sincerely,
Eddie Richard
President, CFMRRS

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UPCOMING EVENTS

AUGUST 16TH - VETERANS AND ACTIVE DUTY

FAMILY AND FRIENDS FUN DAY

NOVEMBER 28TH THROUGH DECEMBER 21ST -

HOLIDAY TRAIN EXPO 2014

MORE INFORMATION TO COME

JANUARY 24 & 25, 2015

18th Annual Model Railroad Show and Sale

Saturday, January 24th - 10 a.m. - 5 p.m.
 Sunday, January 25th - 10 a.m. - 4 p.m.

American Legion Post 10
 702 Pine Grove Drive
 Wilmington NC 28409



BLUEBERRY FESTIVAL 2014

We'd like to thank the Blueberry Festival Committee for the invitation to be a part of the 11th Annual Blueberry Festival in Burgaw, NC on July 21st. We have over 4000 people come see us at the historic depot.



ONSLOW COUNTY VETERANS AND ACTIVE DUTY

FAMILY and FRIENDS

16th ANNUAL

FUN DAY!!

August 16th, 2014 at Equine Country
 Gates open 11am to 3pm

VetCenter Mobile Unit
 Refreshments
 Giant Model Railroad
 Hay Ride
 Pony Rides
 Bounce Houses
 Trail Hike
 Vendors
and lots more...

Equine Country
USA

1259 McAllister Road
 Jacksonville NC 28540
910-347-4511

FOR MORE INFORMATION check
www.onslow.com
 under coming events.

Sizes, Scales and Gauges for Toy Trains and Model Railroads

People who do not collect or operate toy trains and model railroads often do not understand the different sizes and scales that are available.

Scale and gauge

Scale refers to the size of the model relative to the actual full-sized object being represented, while gauge is the width of the model track. Most commercially produced model track is a compromise between appearance and a trouble-free running surface.

Scale

Scale is the ratio of a model dimension to the real life dimension.

Gauge

Gauge refers to the distance between the inside edges of the load-bearing rails. Various sizes of rail gauge exist around the world. In the United States standard gauge is 4 ft 8 1/2 in. In the 19th century, 3 ft gauge was fairly common, especially in the West and 2 ft gauge was used primarily in Maine.

Presently the following gauges are commonly used for Toy Trains and Model Railroads:

Scale or Gauge	Scale Ratio	Scale Dimensions	Track Gauge Inches
Z	1:220	.054	.256
N	1:160	.075	.354
HO	1:87.1	.138	.850
S	1:64	.1875	.875
O	1:48	.25	1.25
G	1:24	.50	1.77

Z, N, and HO trains are most often reasonably accurate scale models.

Actual scale used for S, O, and G gauge trains varies greatly, often depending on whether a true scale model or a toy train is intended.

O Gauge

O gauge is the most common toy train gauge. Most commonly associated with Lionel trains, the models are normally not true scale sized but are selectively compressed in order to negotiate the tight curves (a 30 inch circle).

O-27 gauge

O-27 gauge is a variant of O gauge and is of lighter construction and whose curved track forms a 27 inch circle. Equipment designed for exclusive use on O-27 gauge track is typically sized with a ratio of 1:64 (like S gauge)

G Gauge

With G gauge trains the scales of the trains themselves can vary from 1:20.3 to 1:32.

Why the difference? Some manufacturers make their models a slightly larger scale so that the track becomes more narrow in gauge in relationship to the size of the model. G Gauge is among the most popular choices for narrow gauge modeling. Models scaled so that the 1.77 inch gauge is scaled to standard gauge are also called No. 1 scale, or 1:32.

Train Musings

By Don Huovinen

HISTORIC BURGAW DEPOT

The depot in Burgaw was built in 1850, and modified in 1898 and 1917. It is believed to be the oldest surviving railroad depot in North Carolina.

The depot was built by the Wilmington & Raleigh Railroad. At the time of its completion in 1840, the W&RR was the **longest railroad in the world** with 161.5 miles of track.

During the **Civil War**, the railroad was a vital supply line for the south, particularly during Robert E Lee's defense of Petersburg in 1864 and 65. So vital was the railroad (by now know as the Wilmington & Weldon Railroad, or just 'the Weldon') as a Confederate supply line, that many bitter battles were fought as the Union attempted to cut the line.

These battles included the Wilson-Kautz Raid 6/22-7/1/64, the 1st and 2nd Battles of Ream's Station (6/29/64 and 8/25/64), and the 1st and 2nd Battles of the Weldon Railroad, also known as the Battle of Jerusalem Plank Road (6/21/64) and the Battle of Globe Tavern, (8/18-21/64.)

After the fall of Fort Fisher in Wilmington in January 1865, Burgaw became even more vital as a Confederate transportation hub.

It can be argued that the outcome of the Civil War was determined, in part, by the tracks that run through Burgaw. Now, a century and a half later, the tracks have fallen silent, and the old depot sleeps with its memories.

But, once a year, during the North Carolina Blueberry Festival, we run trains (albeit model trains) to remind us all of the history of Burgaw depot, and the important role it played in the history of Burgaw, of North Carolina, and indeed, the history of America

AREA TRAIN SHOWS

August 17, 2014

The Train Collection Association
Southeastern Division
Toy Train Sale
Raleigh, NC
For more information: www.se-tca.org

August 23-24, 2014

NC Transportation Museum
Model Train Show
Spencer, NC
For more information: <http://nctrans.org>

October 4, 2014

Town of Selma, NC
Rail Day 2014
Selma Union Depot Downtown Selma
Selma, NC

October 11-14, 2014

French Broad e'N'pire NTRAK Club
Autumn Rail 2014
All Scales Model Railroad Show
Fletcher, NC
For more information: www.fbe-ntrak.com