



June 2024

TIES AND RAILS

The Monthly Publication of the Crossville Model Railroad Club

President's Message

Welcome to June and Summer. We are still in search of a new home, but there may be positive news forthcoming so stay positive, we will find a new location. Our upcoming meeting on the 10th of June will be at the Church as usual. The board will meet at 3 pm and the member meeting will be at 4 pm. With the majority of the members not attending meetings, it is easy to miss important information as with over talking and voice volumes too low to be picked up by the recorder, so there may be things you may not be aware of.

Members have not just been looking for a building, but there have been efforts to find land to build our own building, There was a campaign which asked members if they would be willing donate \$1,000 a year for two years and there was an idea for five members pooling resources all in an effort to buy us a new home. So a lot is going on, which every member needs to know about.

That is why the June 10th meeting is so important for the future of the club. Subjects like dues increases, going private or staying public and other critical issues will be discussed. That is why it is vitally important you learn and hear all facts first hand and are able to give input on YOUR club's future. I strongly encourage every member to make an effort to be there.

On August 12th, we will hold our annual picnic at Jim and Ann Grogitsky's home at 5841 Taylor's Chapel Road. It starts at 5 pm and you need to bring chairs, your drinks, your table service and a covered dish. The club supplies the meats. This is a tremendous opportunity to see friends and members you may not have seen for a while.

I would like to thank all the members who have remained active during this transitional period of time. Knowing we have a solid base bodes well for our future.

WE WILL SURVIVE!

Next Club Meeting Monday June 10

BOD meets at pm Membership at PM

Location: Oaklawn Baptist Church

Critical matters to address Please make an effort to attend.

TCA LEBANON TRAIN SHOW

THERE WERE MEMBERS SELLING AND BUYING!



UCRS Wiring Clinic a huge success.....

The Wiring Clinic which was held on Saturday, May 11, 2024 was deemed to have been a huge success. This was iterated by a number of attendees following the clinic to several E-Mails in the following days. The Clinic was presented by Paul Falk, Art Landrigan, and Tom Shallcross and was attended by 14 other personnel from both local folks to some as far away as Murfreesboro, TN. This was the second clinic of the 2024 calendar year, with at least two additional ones planned for the third and fourth quarters of the remaining year. Stay tuned for additional news as we near our presentation dates. Many thanks to those who participated an took part in the 'after clinic discussions', and Q&A Sessions.



CLUB PICNIC

August 12, starting at 5pm at 5841 Taylor's Chapel Road
Please bring chairs, your drinks, table service and a covered dish. Hamburgers and Hot Dogs will be provided.

Marketing Update by Ralph Watson

**Not a huge amount of news for June.
There are some upcoming events to put on your calendar.**

August 12 will be the annual picnic. Stay tuned for details on time and location.

September 20 is the day for Habitat for Humanity Lunch on the Lawn. This will be held at the Community Complex due to Courthouse construction. CMRC will be a sponsor and have a display.

October 5 is the day of the Hit the Trails Festival for hiking fans. CMRC is a sponsor so will be included in the publicity and on the T shirts.

October 25 and 26 will be the next of CMRC's model train swap meets. We are getting publicity in place in the hobby shops, hobby news, local media, social media, our lengthy contacts lists, and to you, our members. Oaklawn Baptist Church will be our host. A relatively new modular layout from South Carolina has been invited to set up at our show.

All of you please talk to all your families, friends, neighbors and golf buddies about coming out to these events.

I Have another request for all of you to help keep CMRC in the public eye. We all have a plethora of hats, jackets, shirts etc decorated with various logos, slogans, flags and brands. I encourage everybody to proudly wear the CMRC swag out in public and when someone notices and asks 'have you found a new place' have a bit of positive conversation about our needs.



Achievemnt and Volunteer Award Winners



Tom Shallcross

Jan Novak

Pat Taylor



NMRA Div. 16 Meeting Minutes 2-19-24

Meeting called to order at 10:02 AM. A. Landrigan presiding.

In attendance: T. Shallcross, Scrimsher, Durnwald, Morris, Taylor, Landrigan, Watson, P. Falk, D'Alessandro, Kessberger, Dean, Novack, Bly, Bullock, Mahan, Symonds, Ferry

Morris made a motion, seconded, that the minutes of the meeting on 11/20/23 meeting be accepted as presented. Passed.

Shallcross made a motion, seconded, that the Treasurer's report be accepted as presented. Passed.

We have 21 active members in the Division.

Landrigan indicated that the Division Roster has been updated and is current.

Watson won the 50/50.

Landrigan indicated that the 2026 NMRA National Convention will be held in Chattanooga. The national committee decided to try holding the National Conventions in some of the smaller cities that possess all the necessary facilities for a convention. This was being done to try to reduce costs. It will be held at the Chattanooga Convention Center and there are 8 nearby hotels that will offer special pricing. Scale Trains will be the main sponsor. All Divisions that will be supplying 'working' individuals will share in the profits.

The Division annual certification has been completed.

One Bank's records have been updated with the new Paymaster, Jan Novack.

3/9-10/24—Cartersville Show.

Falk will conduct a clinic following the conclusion of the meeting.

The next meeting will be 10:00AM, 5/20/24 at Shoney's.

Morris made a motion, seconded, that the meeting be adjourned. Passed.

Submitted by T. Shallcross, Chief Clerk

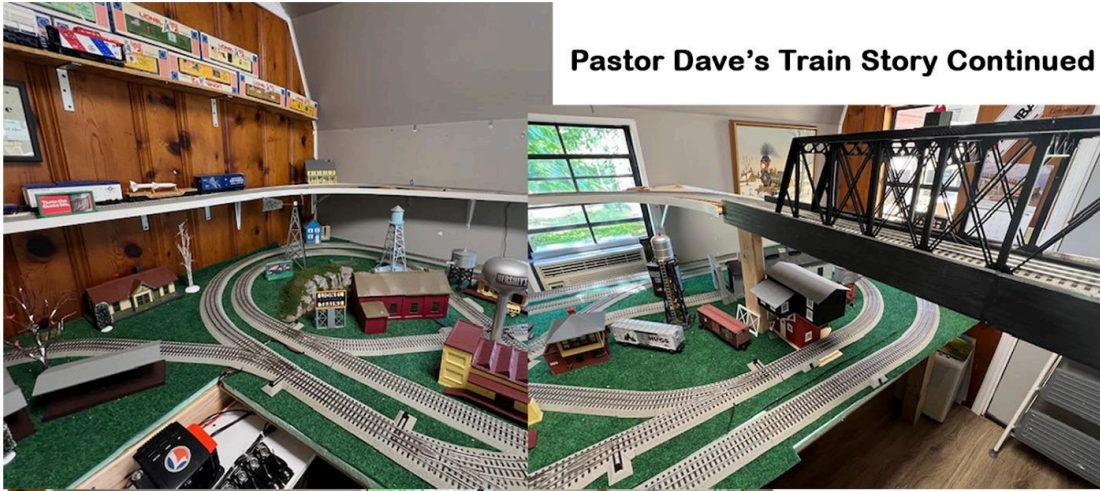
Pastor Dave's Train Story

As a child for the first ten years of my life, I lived across the road from a train track and my memory is filled with the sound and feel of the trains passing our house every day hauling freight to who knows where. Almost two years ago, I was in a hobby store and my eyes were drawn to a model train, the O gauge Lionel Santa Fe 149 passenger and told my daughter Sarah, "let's get a train" and so we did! The first thing was to set it up on the floor and watch it run around the Christmas tree. During the Christmas season after attending the Train Club display in the mall, as I had done many times before, I asked about becoming a member of the CMRC. Because of working at the mall on my scheduled times and getting to know the people, my love for trains turned into a passion. I began setting up my train display and with the advice of club members, construction got started. My second train was a Lionel Southern 2716 steam engine which is a model of the engine that is being restored in Kentucky. Then, I went to Sam's house and my third train was a conventional Southern Pacific 4449 Daylight which opened my world to the differences of how trains operate and what is needed. Going from Lionel Fastback, blue tooth run engines, to adding a train that now required some study and homework. My fourth train was a Lionel Montana Rail Link Veterans Legacy and I have been adding cars from the different branches of the military to the set. And then I added my fifth train, the Lionel Burlington Northern Spirit of 1776 and since have added all thirteen states. I have learned so much about working in the model train world from the sweet teaching and guidance of our members and am so blessed to be a part of such an awesome club! I am so excited to see what is yet to come!



Continued on next page

Pastor Dave's Train Story Continued



\From Wikipedia, the free encyclopedia

The Largest Model Railroad in the World

Miniatur Wunderland at the Speicherstadt district of Hamburg

Company typeLimited liability company

(Gesellschaft mit beschränkter Haftung)

Industry Model railway

Founded 2000; 24 years ago

Headquarters Hamburg, Germany

Key people Frederik & Gerrit Braun, Stephan Hertz

Number of employees360[1]

Website miniatur-wunderland.com

The **Miniatur Wunderland** (German for: "Miniature Wonderland") is, according to Guinness World Records, the largest model railway system in the world.[2] It is located at the historic Speicherstadt in Hamburg, Germany.

The exhibition includes around 1,120 digitally controlled trains with more than 10,000 wagons. The Wonderland is also designed with around 4,300 houses and bridges, more than 10,000 vehicles – of which around 350 drive independently on the installation – 52 airplanes and around 290,000 figures. The system features a recurring day-night lighting cycle and almost 500,000 built-in LED lights.[3] Of the 7,000 m² (75,347 sq ft) of floorspace, the models occupies 1,545 m² (16,630 sq ft).[3]

As of December 2021, the railway consisted of 16,138 m (52,946 ft) of track in H0 scale, divided into nine sections: Harz mountains, the fictitious town of Knuffingen, the Alps and Austria, Hamburg, the United States, Scandinavia, Switzerland, a replica of Hamburg Airport, Italy and South America. Planning is also in progress for the construction of sections for Central America and the Caribbean, Asia, England, Africa and The Netherlands.[4]

HISTORY: In the summer of 2000, Frederik Braun, one of the two founders of Miniatur Wunderland, was on vacation in Zurich. In a local model train store he came up with the idea for the world's largest model railway.[5] Back in Hamburg, he searched for email addresses online and started a survey on the popularity of real and fictional sights of the city. In the process, the Miniatur Wunderland, which did not yet exist, was ranked 3 by male respondents.[clarification needed] According to Braun and his twin brother Gerrit, the initial idea and business plan for Miniatur Wunderland fit on just two pages.[6] The financial backer was Hamburger Sparkasse.[7][8]

Construction and expansion

After construction began in December 2000, the first three sections (Knuffingen, Central Germany and Austria) opened on 16 August 2001. Since then, several sections have been added. With the completion of the Hamburg, German Coast section in November 2002, Wunderland became the largest model railroad in Europe. The United States was added in December 2003, followed by Scandinavia in July 2005. On 10 September 2015, the Brauns added the final piece of track between the Switzerland section and a new Italy section, extending the track length from 13,000 to 15,400 meters. An observing Guinness judge presented the certificate for the newly established world record.[9]

The 190 sq. m. Bella Italia section was opened on 28 September 2016 after four years under construction, involving 180,000 man hours and costing around €4 million.[10] Work on the Monaco / Provence section started in August 2019 and, when completed, will add another 315 meters. The total length of currently 15,715 meters therefore corresponds to 1,367.21 km in real length, making Miniatur Wunderland the largest model railway layout in the world by all measures.[11] In 2020, a bridge connected the original Wunderland to a building across the canal.[12] The new space features depictions of Antarctica and South America, including Rio de Janeiro.[13] Construction on Monaco and Provence, featuring a Formula One circuit, was concluded in 2024.[14] [15]

Other future projects include Central America/Caribbean and Asia. The creators say construction on Great Britain will begin in 2028.[16]

System

The control room

Visitors explore different rooms throughout a long corridor. Trains run along the walls of the rooms and on peninsula-like protrusions. The layout consists (as of September 2016) of nine completed sections of 60[22] to 300 m². [22]

The first three sections were created simultaneously, showing central and southern Germany with the Harz mountains and featuring a long ICE-high speed train track.

The fictional town of Knuffingen features a road system with moving cars.

The Austria section involved the implementation of the Alps theme, including a multi-level helix from which trains from the other sections change corridor sides above the heads of visitors.

The next stage of expansion includes the section with the theme Hamburg, German Coast. The United States section includes Las Vegas, Miami, some Wild West, another system with moving cars and a spaceport.

The Scandinavia section has a real water area: in the future, computer-controlled ships will operate in the 30,000 liter "North Sea" sea tub. At present, they are still controlled manually. Tides are also simulated here.

he Swiss Alps, extending over two floors, are modeled on the landscapes of the cantons of Ticino, Grisons and Wallis and were completed in November 2007. Through a hole in the ceiling on a total area of 100 m² the mountains reach almost six meters in height. Visitors reach this new level via stairs, while trains negotiate the height differences in concealed switchbacks and in a locomotive lift.

The Knuffingen Airport section was opened in May 2011 after around six years in construction and development and an investment of 3.5 million euros. On display is a 150 m² airport with a globally unique airport control system.

A small section forms the Hamburg HafenCity with the Elbphilharmonie concert hall. Planning began in May 2012 and construction began in August the same year. A total of nine square meters (m²) were available, and 10 selected houses were built on this area. The opening was on 13 November 2013.[23]

In 2014, a trip was made to Italy to gain lots of impressions of the country. These were brought into the 9th construction section Italy. In this section, some sights of Rome as well as landscapes like Tuscany or the lava-spewing Vesuvius can be seen. The construction section was presented in a specially created blog and opened in September 2016.[24]

In February 2018, the Venice section was opened at only 9 m² in size. Involving around 35,000 man hours, it is the most elaborate section in relation to its size.

Special features

Part of the factory

Special features include a simulated daily routine where twilight, night and day repeat every 15 minutes. This includes an automatic lighting control system that activates more than 300,000 lights to match the time of day.

The 120-square-meter fantasy town of Knuffingen, with a population of about 6,000, is equipped with more than 100 moving model cars, including numerous fire engines, which are used to simulate a firefighting operation in Knuffingen every 15 minutes on average. Traffic simulation is made possible by a modified car system that is also used in the USA, Scandinavia and Knuffingen Airport sections. In the America section, an Interstate Highway is equipped with a dynamic Traffic Control System, which uses variable-message signs with 2x16 characters, lane use control lights, and 4 different speed limits to control traffic.[25]

Intricate details include a changing scoreboard in the Volkspark Stadium, speeding cameras and a crashed cheese wheel truck. There is also a Jet gas station displaying the real current gasoline prices of its prototype in Hamburg's Amsinck street.[26]

Visitors can control operations on the system through about 200 push-buttons, including options to start a mine train, turn wind turbines, trigger a goal in the football stadium, launch a helicopter or the Space Shuttle, or elongate Pinocchio's nose. One button allows visitors to watch the simulated production of a small chocolate bar in a factory, resulting in a block of Lindt chocolate dispensed for the visitor to sample. Certain tours also include a behind-the-scenes look at detailed figures that cannot be seen from the normal public area.[citation needed]

Knuffingen Airport

After six years in planning and under construction, Knuffingen airport was officially opened to visitors on 4 May 2011 as a special section of the facility. Its buildings resemble Hamburg Airport. As in the fictional main town of Knuffingen, there is also a simulation of a fire department with a large fleet of vehicles, including four airfield fire engines. On the 14-meter runway, aircraft models accelerate to scale on an invisible sled, and by means of two guide rods can lift off the ground and disappear into a wall. Depending on the launch phase, the guide rods allow a horizontal tilt of the aircraft that approximates reality.

The section features a wide variety of standard commercial aircraft, including Boeing 747, Boeing 787, Airbus A350 and Airbus A380, in the liveries of active and defunct airlines from around the world. There is also a Concorde in British Airways livery, a Space Shuttle, a bee and a model of the Millennium Falcon spaceship from Star Wars.

The movement of the aircraft on the ground is realized with the help of technology based on the car system. The vehicles in the airport tell their own little stories with coordinated refueling, loading and unloading before and after landing starting from the aircraft parking positions. Unlike the other landscapes, the railroad at the airport is hardly visible. There is only an airport station underground. According to the operators, the 150-square meter space cost around 3.5 million euros, in addition to 150,000 man hours. The area is equipped not only with many rolling aircraft models, but also with hundreds of cars, passenger boarding bridges, parking garages, airport hotels, a subway and individual figures.

Visitors

On 5 December 2012 the ten-millionth visitor came to Miniature Wonderland[11] and on 2 December 2016 the fifteen-millionth.[28] Around three quarters of visitors come from Germany, while the remaining quarter hail mainly from Denmark, Switzerland, Austria, England, the US and China

Awards

In 2010, founders Frederik and Gerri Braun and Stephan Hertz were awarded the Cross of Merit on Ribbon of the Order of Merit of the Federal Republic of Germany for their social commitment.[30] The Miniature Wonderland also holds the Guinness World Record for "longest melody played by a model train.