



**A timeline of toy train manufacturers, inventions, and other histories.**

**by Carol Redman McGinnis, TCA HE 95-41066**

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National Toy Train Library, [www.nttmuseum.org/library/](http://www.nttmuseum.org/library/)

National Toy Train Museum, <http://www.nttmuseum.org/>

Train Collectors Association, Strasburg, PA 17579, [www.traincollectors.org/](http://www.traincollectors.org/)

TCA e\*Train, online publication, [www.tcaetrain.org/](http://www.tcaetrain.org/)

Train Collectors Quarterly, published by TCA since 1955, [www.tcamembers.org](http://www.tcamembers.org).

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**Special acknowledgement to the following Divisions of Train Collectors Association:**

Fort Pitt Division, TCA, [hobbytraincollectors.org/index.php](http://hobbytraincollectors.org/index.php)

Pacific NorthWest Division, TCA, [www.traincollector.org/](http://www.traincollector.org/)

Western Division, TCA, [www.tcawestern.org/manufacturers.htm](http://www.tcawestern.org/manufacturers.htm)

Discovering what makes an item collectible is the idea that started this book. In this case, what is the attraction to an old toy train? Even today, ask any child what runs on a track and most will say “a train.” But what is it that makes this connection go deeper and stronger for some?

Picture if you will the late 1700’s. The **Industrial Revolution** is beginning. All kinds of goods and products are being created at an incredible rate. Factories are making household goods, watches, clothing, and on and on. People began to live differently and see themselves in a different way. Industrialization led to urbanization, which led to easier distribution of products. People now had discretionary income and began to build what became known as “the good life.”

Into this movement the toy industry became a driving force. Toys were manufactured to provide children with ready-made items, rather than homemade items. These included: dolls, vehicles, wood animals, building toys, and of course toy trains. All toys moved quickly from simple push/pull actions to much more intricate designs. Toy trains were small scale examples of the real thing, even with the fire and steam of real locomotives. Reviewing the toy train’s rate of progress shows that toy production and development took a quantum leap deep into the next century. Toy trains were educational toys and, as far as play value was concerned, were the computer games of the age. Here the operators build and control their imaginary world? Every child was excited about getting the next best thing, and their parents wanted to play too!

Into this playing field, **Louis J. Redman** was born. It was mid-1916, just before the U.S. entered World War I. This point in history is marked by development of unprecedented invention, magazines, early cartoons, and toy train manufacturers. Lou is a mild-mannered, persuasive man destined to become a formative figure in the toy train collecting world. What made him into this presence that everyone still remembers? He married Jody Thomas, who became his soul mate and they had four children. Lou and Jody made connections and these people quickly became friends, and they worked hard to keep those relationships going strong. Through their persistence and grit the **Train Collectors Association (TCA)** was “born” in 1954 and still endures today.

In 1929, Lou was 13 years old, and the **Great Depression** caused manufacturing to drop production by more than fifty percent. People tightened their belts and could not afford pleasure items, like toys. Once **World War II** began in 1939 the **Great Depression** ended. Toy manufacturers were called on to produce wartime products, so toys and toy trains took a back seat. During the war the nations railroads turned to modernization. Soon after the war so did the toy train manufacturers.

In 1954, Lou, and others, invited friends to a meeting in Yardley, Pennsylvania. Together with a group who met in southern California the **TCA** was created. Because Lou made meticulous notes he was voted the first Secretary-Treasurer. He held that position for over 22 years. He served on committees that created the TCA Standards, By-laws, Rules and Regulations, and he was a factor in the Incorporation. He helped to create the National Toy Train Museum and the National Toy Train Library. He was the first in a short line of **Train Collector Quarterly (TCQ)** editors. He was editor of the **Membership Newsletter** and the **Annual Directory**. Jody printed it all at their home on Dickson Avenue in Pittsburgh. There they would gather their children and TCA members, who would go around and around the dining room table to assemble, stuff, and mail.

Timelines are a reminder of the events of the past and of traditions which shape today. This timeline is an accounting of history, of firsts, of early toy train manufacturers, of inventions, of cartoons, of magazines, and of TCA. If only we could see into the future to where we will be 100 years from now!


As you read these pages, place yourself into the timeline. Find the year you were born and look at what happened that year. Look back at the years when your parents were born, the year they were married, the year that your children were born. Write those dates into the book. Look at the events in and around your birth and take into account the toy trains before and after in your life. Get an idea of what make you you. Discover a bit of what it is that makes this pastime so intriguing. As you learn, reach out and share. Discussion is always welcome.

**TIMELINE Notes:** The Year recognizes the date of public acknowledgment. As manufacturers added to their production line these dates are included, as available. Manufacturers are listed with the gauge or scale of eventual production, so please use this reference as a guideline. Each entry is listed by **Name**, **Description** as appropriate, eventual **Gauge (s)**, initial **Location**, the name(s) of the **Primary Founder(s)**, **Publisher(s)** if appropriate, and in some cases **Additional Information**, if it is pertinent. Please contact Carol McGinnis at carol.mcginis74 @Verizon.net if you have any additions or corrections.

<b>HISTORY</b>	<p><b>Francis, Field &amp; Francis:</b> 1st toy maker in America (Philadelphia, PA)</p>	<p><b>J. &amp; E. Stevens Co:</b> ca. 1843, cast iron, floor gauge ( Cromwell, CT) <b>John &amp; Elisha Stevens</b></p> <p>J. &amp; E. Stevens Co. is the 1st US company to produce cast iron toys</p> <p><b>Ludwig Lutz of Ellwagen:</b> pull tin trains (Ellwagen, Germany) <b>Ludwig &amp; Franziska Lutz</b></p>	<p><b>J.L. Hess:</b> ca. 1850, pull gauge (Nürnberg, Germany) <b>Matheus Hess</b></p>	<p><b>Bub (Karl Bub)Nuremburg:</b> 1, O gauge (Nürnberg, Germany) Karl Bub</p> <p><b>The Great Exhibition of the Works of Industry of All Nations:</b> (London, UK) known as the "First World's Fair"</p> <p><b>Merriam Mfg. Co:</b> Floor gauge (Durham, CT) <b>Laurence T. Merriam</b></p>
<b>YEAR</b>	1838	1846	1850	1851
<b>Model Train Genealogy</b>	<p>The first tinplate toy train made in Germany ca. 1838</p>		<p><i>The Golden Years of Tin Toy Trains</i> (New Caven-dish Books) <b>Schiphorst &amp; Klein</b></p>	
<b>Family Chronicle</b>		<p><b>Jacob Thomas Redman</b> born. (Lou Redman's Great Uncle) Was a B&amp;O RR Conductor</p>		

	<p><b>George W. Brown &amp; Co:</b> tin clockwork, floor (Forestville/ Bristol, CT) <b>George W. Brown, Chauncey Goodrich</b></p> <p>Bristol ,Connecticut was the center of the clock industry in the US</p> <p><b>Hull &amp; Strafford:</b> ca.1856 Floor gauge (Clinton, CT)</p> <p><b>Lewis Dept Store:</b> includes a toy department (Liverpool. UK)</p>	<p><b>Märklin Trains:</b> tin floor (Göppingen, Germany) <b>Theodor F. Märklin</b></p> <p><b>Caron:</b> O gauge (France)</p>	<p><b>Märklin Trains:</b> wide gauge (Göppingen, Germany) <b>Caroline Märklin</b></p>	<p><b>Issmayer:</b> live steam, 1 gauge (Nürnberg, Germany) <b>Johann Andreas Issmayer</b></p> <p><b>U.S. Civil War</b> starts (Fort Sumter, SC)</p>
1852	1856	1858	1859	1861
	<p>George W. Brown &amp; Co. introduces Clockwork mechanism to American toy trains</p>			
<p><b>Joseph Nesmith Redman</b> born. (Lou Redman's grandfather)</p>	<p><b>Lindley Walter Redman</b> born. (Lou Redman's granduncle) Becomes a B&amp;O Railroad Repairman</p>	<p><b>John George Redman</b> born. (Lou Redman's granduncle) Works at Wabash RR, Chicago, IL then B&amp;O RR in Cumberland, MD</p>		

Just after the end of the Civil War came the birth of the toy industry. This was due in part to industrialization, urbanization, and easier distribution of products. Following close on the heels of this phenomenon was the ultimate birth of marketing. This includes department stores, mail order catalogs, discretionary income, increase of public education, and the building of what was becoming “the good life.”

<b>HISTORY</b>	<p><a href="#">Bing Trains</a>: 1,0 gauge (Nürnberg, Germany) <b>Ignaz &amp; Adolf Bing</b></p>	<p>U.S. Civil War ends (Appomattox, VA)</p> <p><b>Abraham Lincoln</b> shot by John Wilkes Booth</p> <p><b>Zenith, Georges Favre-Jacot</b>, revolutionizes watch production uniting all watch making under one roof, inventing the concept of <b>Manufacture</b>.</p>	<p><a href="#">Ernst Plank &amp; Co</a>: ca. 1866, floor, 3, 8 gauge (Nürnberg, Germany) <b>Ernst Plank</b></p> <p><b>Althof, Bergmann &amp; Co</b>: toys, floor gauge</p> <p><b>Bergmann Brothers &amp; L. Althof</b> - 1st to build trains that operate on carpet</p> <p><a href="#">Crandall Toys</a>: wood gauge (Montrose, PA) <b>Charles M. Crandall</b></p> <p><b>Crandall Toys</b> created building blocks w/ tongue &amp; groove construction.</p>	<p><a href="#">Ives Mfg Co</a>: O, Wide, Std, 1 gauge, cast iron (Bridgeport, CT) <b>Edwin Ives</b></p> <p><a href="#">Stevens &amp; Brown</a>: ca. 1868, steam power floor gauge (Cromwell, CT) <b>George W. Brown &amp; Elisha Stevens</b></p> <p><a href="#">Charles Rossignol (CR) Trains</a>: clock-work, floor, 1, O gauge (Paris, France) <b>Charles Rossignol</b></p> <p><b>Novelty Toy Works</b>: vehicles, road signs (Freeport, IL)</p>	<p><a href="#">Fallows (C.B. Porter Co)</a>: ca. 1870, floor gauge (Philadelphia, PA) <b>James Fallows &amp; sons, Henry, Charles, and David</b></p> <p><b>R. Bliss Mfg Co</b>: wood toys and train (Pawtucket, RI) <b>Rufus Bliss</b></p> <p><b>Rock &amp; Graner Noehfolger</b>: ca. 1870, 1, 2, O gauge (Germany)</p>
<b>YEAR</b>	1863	1865	1867	1868	1870
<b>Model Train Genealogy</b>					<p><b>R. Bliss Mfg Co</b> pioneered litho paper on wood toys and trains</p>
<b>Family Chronicle</b>					


<p><b>Beggs Trains:</b> Live Steam, 1 gauge (Patterson, NJ)  <b>Eugene Beggs &amp; Jehu Garlick</b> (built as educational toy)</p> <p><b>A.Schoenhut Co:</b> ca. 1872, Accessories, dolls, pianos, wood gauge (Philadelphia, PA) <b>Albert Schoenhut</b></p>	<p><b>Schöenner Trains:</b> O, 1, 2, floor gauges (Nüremberg, Germany)  <b>Jean Schöenner</b></p> <p><b>William Shimer &amp; Son Company:</b> cast iron (Freemansburg, PA)  <b>William Shimer</b></p> <p><b>Moko:</b> O gauge Nüremberg, Germany)  <b>Moses Kohnstam</b></p>	<p><b>Centennial Exhibition:</b> Philadelphia, PA  First World's Fair held in the U.S.</p> <p><b>Georges Potier:</b> O gauge (France)</p>	<p><b>Weeden Train Mfg Co:</b> Live Steam, O gauge (New Bedford, MA) <b>William Nye Weeden</b></p> <p><b>Novelty Electric Co:</b> 1st electric tinplate train, 50 produced (Philadelphia, PA)</p> <p><b>Leo Schlesinger &amp; Co:</b> ca. 1880's, tin horsedrawn vehicles (New York, NY)  <b>Leo Schlesinger</b></p> <p><b>Pratt &amp; Letchworth (Buffalo Maleable Iron Works):</b> cast iron (Buffalo, NY) <b>Pascal P. Pratt &amp; William Letchworth</b></p> <p><b>Lorenz Bolz Zindorf:</b> ca. 1880, O gauge (Zindorf, Bavaria, Germany)  <b>Lorenz Bolz</b></p>	<p><b>Brio Toy Company:</b> founded (Boalt, Scania, Sweden) <b>Iver Bengtsson</b></p> <p><b>W.H. Hull &amp; Son Co:</b> ca. 1880's, O gauge (Birmingham, UK) <b>W.H. &amp; Ernest Hall</b></p> <p><b>Roller Coaster</b> introduced (Coney Island, NY) <b>John August Miller</b></p>
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		<p>(1877) <b>Joshua Lionel Cohen</b> born.</p>		<p><b>A.C. Gilbert</b> born.</p> <p><b>Murray Bacon</b>, patented 1st electric toy train</p>
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<b>HISTORY</b>	<p><u><a href="#">Bonds O'Euston Road:</a></u> O gauge (London, UK) <b>Arthur W. Bond</b></p> <p><u><a href="#">Fleishmann:</a></u> tin toys (Nüremberg, Germany) <b>Jean Fleishmann</b></p>		<p><u><a href="#">Wilkins Toy Co:</a></u> cast iron, floor gauge (Keene, NH) <b>James Wilkins</b></p> <p><b>Buffalo Toys:</b> cast iron gauge (Buffalo, NY)</p> <p><u><a href="#">Kenton Hardware Co:</a></u> cast iron (Kenton, OH) <b>F. M. Perkins</b></p> <p><u><a href="#">Dowst (Tootsie Toy):</a></u> ca. 1890, cast metal (Chicago, IL) <b>Charles B. &amp; Samuel Dowst</b></p>	<p><b>Leipzig Toy Fair:</b> (Leipzig, Germany)</p> <p><u><a href="#">Märklin Trains:</a></u> 1, 2, 3, Std gauge (Württemberg, Germany) <b>Theodore Friedrich Märklin</b></p> <p><b>Escalator</b> introduced (Coney Island, NY) <b>Jesse W. Reno</b></p>
<b>YEAR</b>	<b>1887</b>	<b>1888</b>	<b>1890</b>	<b>1891</b>
<b>Model Train Genealogy</b>				<p><b>Ole Kirk Christiansen</b> born. (founder of Lego)</p> <p><b>Märklin</b> scale adopted for model trains: 0,1,2,3,4, &amp; 5 scale at 1891 Toy Fair</p>
<b>Family Chronicle</b>		<p><b>George William Redman</b> born. (Lou Redman's 2nd Cousin) Later worked in B&amp;O Service, Baileys, Baltimore Division</p>		



<p><b>Märklin Trains:</b> introduces O gauge (Göppingen, Germany) <b>Caroline Märklin</b></p> <p><b>Ferris Wheel</b> introduced (Chicago, IL) Chicago World's Fair <b>George W.G.Ferris, Jr.</b></p> <p><b>W. Britian Ltd:</b> O &amp; Std figures and vehicles (London, UK) <b>William Britian, Sr.</b></p>	<p><b>Hubley Mfg. Co:</b> cast iron (Lancaster, PA) <b>John E. Hubley</b></p>	<p><b>Carette Trains:</b> 1, 2, 3, O gauge, (Nüremberg, Germany) <b>Georges Carette</b></p> <p><b>Jehu Garlick Trains:</b> 1<sup>7/8</sup> gauge (Paterson, NJ) <b>Jehu Garlick &amp; Harry Hathaway</b> 1st electric loco in U.S.</p> <p><b>Johann Distler:</b> wind up, O gauge (Nüremberg, Germany) <b>Johann Distler</b></p> <p><b>Knapp Electric &amp; Novelty Co:</b> 2 gauge, (New York, NY) <b>David W. Knapp</b></p> <p><b>Ferdinand Duclos:</b> O gauge (France)</p> <p><b>Dandi Toy:</b> Transformers (Chicago, IL) <b>Chester H. Thordarson</b></p>	<p><b>Carlisle &amp; Finch:</b> miniature electric motors, 2 gauge (Cincinnati, OH) <b>Robert Finch &amp; Morton Carlisle</b></p>	
<p style="text-align: center;">1893</p> 	<p style="text-align: center;">1894</p>	<p style="text-align: center;">1895</p>	<p style="text-align: center;">1896</p>	<p style="text-align: center;">1897</p>
<p><b>Burton Logan</b> born. (1<sup>st</sup> TCA President)</p>			<p><b>Louis Marx</b> born. (founder of Marx Toys)</p> <p><b>Carlisle &amp; Finch</b> are the inventors of electric toy trains as they produced trains in volume.</p>	<p><b>Carlisle &amp; Finch</b> is the first complete electric-powered trains to be introduced to the marketplace.</p>
		<p><b>Roy Chester Redman</b> born. (Lou Redman's father)</p>	<p><b>Althea Amelia Zimmerman</b> born. (Lou Redman's mother)</p>	

<p><b>HISTORY</b></p>	<p><a href="#">Doll et Cie</a>: O gauge (Nüremberg, Germany) <b>John Sondheim, Peter Doll &amp; Max Bein</b></p> <p><a href="#">Meccano</a>: Model Construction System (Liverpool, England) <b>Frank Hornby</b></p> <p><a href="#">Dent Hardware Co</a>: Cast Iron, Die Cast (Fullerton, PA) <b>Spanish American War</b> begins</p>	<p><a href="#">Bassett- Lowke</a> <b>Trains</b>: 0, 1, 2 gauge (Northampton, England) <b>Wehman Joseph Bassett-Lowke</b></p> <p><b>Société Industrielle de Ferblanterie (SIF)</b>: HO, O, 027, S gauges (Paris France)</p> <p><a href="#">Le jouet de Paris</a>: O, 027, S, HO gauge (Paris, France)</p> <p><b>Spanish American War</b> ends</p> <p><b>Joshua Lionel Cohen</b> patents a flashlamp</p>	<p><a href="#">Lionel Manufacturing Co</a>: 2, Standard, 2 7/8 gauge (New York City, NY) <b>Joshua Lionel Cohen &amp; Harry C. Grant</b></p> <p><a href="#">Paya Trains</a>: early 1900's clockwork, pull, O gauge (Ibi, Spain) <b>Don R. Payá &amp; his 3 brothers</b></p> <p><a href="#">American Machine &amp; Foundry (AMF)</a>: cigarette machines, then plastic (Brooklyn, NY) <b>Rufus L. Patterson</b></p> <p><a href="#">Schoenhut</a> : wood gauge(Philadelphia, PA) <b>Albert Schoenhut</b></p> <p><b>Clyde Model Dockyard</b>: commissioned toy trains (Glasgow, Scotland)</p> <p><b>Leon Rees &amp; Co</b>: Hobby Shop (London, UK) <b>Leon Rees</b></p>	<p><a href="#">Hornby Railways</a>: HO, O, 00 gauges (Liverpool, England) <b>Frank Hornby</b></p> <p><a href="#">Smith &amp; White</a>: 2 gauge (Cincinnati, OH) ~only produced a 2 gauge trolley~</p> <p><a href="#">W.F. Hafner Co (Toy Auto Co)</a>: clockwork toys, O gauge (Chicago, IL) <b>William Hafner</b></p> <p><b>U Králeželeznik</b> (the King of Railways): O gauge (Prague, Czech Republic)</p>
<p><b>YEAR</b></p>	<p>1898</p>	<p>1899</p>	<p>1900</p>	<p>1901</p>
<p><b>Model Train Genealogy</b></p>	<p><b>Herman Fisher</b> born. (founder of Fisher-Price)</p>		<p><b>PreWar era</b> of toy trains begins</p>	<p><b>Walt Disney</b> born.</p> <p><b>Ives</b> produces its 1st toy train that runs on a track</p> <p>Lionel makes 1st electric train used in store windows</p>
<p><b>Family Chronicle</b></p>				

	<p><b><u>Voltamp Trains:</u></b> 2 gauge (Baltimore, MD) <b>Manes Fuld</b></p> <p><b><u>Elektoy Trains:</u></b> early 1900's, 1 gauge (Harrison, NJ) <b>Father &amp; Son Hoops</b></p> <p><b>Pata:</b> O gauge (Alicante, Spain)</p> <p><b>Acme Toy Works:</b> clockwork (Chicago, IL) <b>Jacob Lauth</b></p> <p><b>J. Chein &amp; Co:</b> stations (New York City, NY) <b>Julius Chein</b></p> <p><b>Crayola Crayons</b> introduced (New York City, NY) <b>Edward Binney &amp; C. Harold Smith</b></p>	<p><b><u>Howard Electric Novelty Co:</u></b> (Howard Miniature Lamp Company): 2 gauge (Newark, NJ) <b>Harvey Wilson Harper, Herbert E, &amp; Herbert C. Plass</b></p> <p><b>O&amp;M Hausser (Elastolin):</b> animals &amp; figures (Stuttgart, Germany) <b>Christian, Otto &amp; Max Hausser</b></p>	<p><b><u>W.F. Hafner Co:</u></b> clockwork, O gauge (Chicago, IL) <b>W.F. Hafner &amp; Bill Crawford</b></p> <p><b>Carson:</b> 1, 2, 3, &amp; 4 gauge (UK)</p>	<p><b><u>Edmonds-Metzel:</u></b> (see American Flyer) O, 027 gauges (Chicago, IL) <b>Jay Edmonds &amp; William Metzel</b></p> <p><b>William O. Coleman</b> gains control of <b>Edmonds-Metzel</b></p> <p><b><u>Arnold Trains:</u></b> O gauge (Nüremberg, Germany) <b>Karl Arnold</b></p> <p><i>Railroad Man's Magazine, Vol 1 No 1, October 1906</i></p> <p><b><u>Lionel Mfg Co:</u></b> introduces three rail (2 1/8') later known as Std gauge</p> <p><b>Dowst</b> introduces TootsieToy automobiles</p>
1902	1903	1904	1905	1906
<p><b>Carlisle &amp; Finch</b> introduces dry cell batteries to run toy trains</p>		<p><b>Ives</b> builds factory in Bridgeport, CT. 1st building exclusive for toy train assembly</p>	<p>American Fyer introduces O gauge</p>	

<b>HISTORY</b>	<p><a href="#">American Miniature Railway Co</a> (AMRW): cast iron, clockwork , O gauge, ~ split from Ives (Bridgeport, CT) <b>William Haberlin &amp; Timothy Hayes</b></p>	<p><a href="#">American Flyer Mfg Co:</a> O, S, clockwork, Wide gauges <b>W. F. Hafner, William Coleman &amp; H.E. Mack</b></p> <p><i>Toonerville Trolley</i> cartoon created ca.1908 by Fontaine Fox, Chicago Post</p>	<p>SIF and Ljdp merge as <b>Jouets en Paris (JEP):</b> O, O27, S, HO ( Paris, France)</p> <p><a href="#">Hoge Trains:</a> O gauge and toys (Manhattan, NY) <b>Hampden Hoge</b></p> <p><b>Mysto Mfg Co:</b> Magic Set (Westville, CT) <b>Albert Carlton (A.C.) Gilbert</b></p> <p><b>Madison Hardware:</b> Hobby Shop (NYC, NY) <b>Guy Gest, owner</b></p> <p><b>Nicholas Smith Trains:</b> Hobby Shop (Broomall, PA)</p>	<p><a href="#">Fandor Trains:</a> O, Wide gauge (Nüremberg, Germany) <b>James Krauss, Milton &amp; Julius Forcheimer</b></p> <p><a href="#">Buddy L. (Moline Pressed Steel Co):</a> 3 1/4" gauge (East Moline. IL) <b>Fred Lundahl</b></p> <p><b>Ordor:</b> O Gauge (Brandenberg, Germany) <b>Oro Werke</b></p> <p><b>World Exhibition:</b> (Brussels, Belgium)</p> <p><b>Edmonds Metzler</b> changes name to <b>American Flyer</b></p> <p><b>American Flyer</b> buys <b>Hafner</b></p>	<p><b>Noch:</b> Accessories (Saxony, Germany) <b>Robert Faust &amp; K.L. Stauffer</b></p>
<b>YEAR</b>	<p style="text-align: center;">1907</p> 	<p style="text-align: center;">1908</p>	<p style="text-align: center;">1909</p>	<p style="text-align: center;">1910</p>	<p style="text-align: center;">1911</p>
<b>Model Train Genealogy</b>	<p><b>Voltamp</b> releases the first electric toy train that operates on ordinary household alternating current.</p>			<p><b>Joshua Lionel Cohen</b> changes his name to <b>Joshua Lionel Cowen</b></p>	
<b>Family Chronicle</b>					

<p><b>Leeds Model Co (LMC):</b> 1, O gauge (Leeds, UK) <b>Reginald 'Rex' Stedman</b></p> <p><b>Schuco Trains:</b> scale gauge, monorail (Nürnberg, Germany) <b>Heinrich Müller &amp; Heinrich Schreyer</b></p> <p><b>Tipp &amp; Co:</b> O gauge (Nürnberg, Germany) <b>Philip Ulman</b></p> <p><b>Whiteley, Tansey &amp; Co:</b> O gauge (Liverpool, UK) <b>Whiteley</b></p> <p><b>Falk</b> takes over Schoener</p> <p>JEP introduces O gauge</p>	<p><b>Mysto Mfg Co:</b> Erector Sets (New Haven, CT) <b>A.C. Gilbert</b></p> <p><b>M.B. Klein:</b> Hobby Shop (Cockeysville, MD) <b>Morris Benjamin Klein</b></p>	<p><b>Betts &amp; Betts:</b> O gauge, transformers (New York City, NY) <b>James H. Betts</b></p> <p><b>British Metal &amp; Toy Mfg (BMTM):</b> O, clockwork, accessories (Hackney, London, UK)</p> <p><b>Burnett Ltd:</b> O gauge (London, UK) <b>F. Burrell &amp; E. Satchwell</b></p> <p><b>Archduke Franz Ferdinand</b> assassinated in Sarajevo.</p> <p><b>August,</b> Germany invades Belgium enroute to Paris, France</p>	<p><b>Bar Knight:</b> 1, O gauge (Glasgow, Scotland)</p> <p><b>Essex Rubber Co:</b> mainliner railroad ties (Trenton, NJ)</p> <p><b>Jubb Ltd. Sheffield (JLS):</b> 1, O gauge (Sheffield, UK) <b>W.H. Jubb</b></p> <p><b>Western Coil &amp; Electrical Co:</b> O gauge (Racine, WI) <b>Wm. T. Lewis &amp; his father</b></p> <p><b>Lionel Mfg Company</b> introduces O gauge</p> <p><b>Lionel Mfg Co</b> becomes <b>Lionel Corporation</b></p>	<p><b>Unique Art Mfg Co:</b> O gauge (Newark, NJ) <b>Sammy Bergman</b></p> <p><b>Lincoln Logs:</b> log construction building system (Chicago, IL) <b>John Lloyd</b></p> <p><b>Mysto Mfg Co.</b> changes name to <b>A.C. Gilbert Co.</b></p>
1912	1913	1914	1915	1916
				<p><b>Toy Manufacturers Association (TMA)</b> founded by A.C. Gilbert and Harry Ives</p>
		<p><b>Roy Redman &amp; Althea Zimmerman</b> meet in high school, go to Pittsburgh 4<sup>th</sup> Street railroad station, travel to Wellsburg, WV on the train, and marry.</p>		<p><b>Louis Joseph Redman</b> born. June 1 to Roy &amp; Althea Redman</p>

<p><b>HISTORY</b></p>	<p><a href="#">Herman Lowenstein &amp; Theodor Zürrer</a>: O gauge (Zurich, Switzerland) <b>Herman Lowenstein &amp; Theodor Zürrer</b></p> <p><b>Electric power drill</b> w/ trigger switch patented Baltimore, MD(<b>Black &amp; Decker</b>)<b>S. Duncan Black &amp; Alonzo G. Decker</b></p> <p><b>Radio tuner</b> invented</p> <p>Germany sinks the liner Housatonic and United States enters <b>World War I</b></p> <p>U.S. Congress passes the <b>Selective Service Act</b> authorizing the draft</p>	<p><a href="#">Lotts Bricks</a>:buildings (Watford, Herfordshire, UK) <b>E. A. Lott</b></p> <p><b>Armistice</b> is signed ending <b>WWI</b></p>	<p><a href="#">Louis Marx &amp; Co</a>: HO, O scale (New York City, NY) <b>Louis &amp; David Marx</b></p> <p><a href="#">Mohawk Metal Toy Co</a>: tin gauge (New York City, NY) <b>Samuel Hofman</b></p> <p><a href="#">Ingap</a>: O gauge (Padova/Padua, Italy) <b>Tullio Anselmi</b></p> <p><a href="#">Mills Brothers (MilBro)</a>: 1, O gauge (UK)</p> <p><a href="#">Wells O'London (Welso)</a>: O gauge (Walthamstow, London, UK) <b>Alfred Wells</b></p>	<p><a href="#">Marescot</a>: O gauge (France) <b>Robert Marescot</b></p> <p><a href="#">Wyandotte Toys (All Metal Products Co.)</a>: clockwork (Wynadotte, MI) <b>George Stallings &amp; William F. Schmidt</b></p> <p><b>Corcoran Mfg. Co (Con-Cor)</b>: ca. 1920's, Riding Trains (Washington, IN)</p> <p><a href="#">Adolf Schuhmann</a>: O gauge (Germany)</p> <p><a href="#">Aludo</a>: O gauge figures(France)</p> <p><a href="#">Gely</a>: O gauge ((Nüremberg, Germany) <b>Georg Levy</b></p> <p><b>Handheld household Hairdryer</b> invented</p>
<p><b>YEAR</b></p>	<p>1917</p>	<p>1918</p>	<p>1919</p>	<p>1920</p>
<p><b>Model Train Genealogy</b></p>	<p><b>Ives</b> releases power boats</p>	<p><b>American Flyer</b> introduces electric O gauge</p>		
<p><b>Family Chronicle</b></p>			<p><b>Roy Chester Redman, Jr.</b>, born. (Lou Redman's brother)</p>	


<p><b>Gandler:</b> O gauge (Austria)  <b>Richard Gandler</b></p> <p><b>Pop Up toaster</b> patented (Minneapolis, MI) <b>Charles Strite</b></p> <p>1<sup>st</sup> <b>Miss America Pageant</b> (Atlantic City, NJ) July</p> <p><b>Polygraph lie detector</b> invented (Berkeley CA) <b>John Larson</b></p> <p><b>Madison Hardware:</b> mid 1920's (New York City, NY) bought by <b>Lou &amp; Carl Shur</b></p>	<p><b>Boucher Mfg Co:</b> 2<sup>1/4</sup> gauge (New York City, NY ) <b>Horace E. Boucher</b></p> <p><b>Dayton-Dinky:</b> 4 gauge (Dayton, OH)</p> <p><b>Girard Model Works Inc:</b> O gauge (Girard, PA) <b>Frank E. Wood</b></p> <p><b>Edward Exley, Ltd:</b> O, 00, 1 gauges (Yorkshire, England) <b>Edward Exley</b></p> <p><b>Crescent Toys:</b> O, 00, soldiers, cars, figures (Islington, London, UK) <b>Henry Engles &amp; Arthur Schneider</b></p> <p><b>Barclay Mfg:</b> ca. 1922, cast iron figures &amp; vehicles (Hoboken, NY) <b>Leon Donze &amp; Michael Levy</b></p> <p><b>A.C. Gilbert</b> makes chemistry sets</p>	<p><b>Miniature Repro Co:</b> 1920's O gauge (UK)</p> <p><b>Self Winding Watch</b> mass produced (John Harwood, UK)</p> <p><b>Traffic Signal (3-position)</b> introduced (Cleveland, OH) <b>Garrett A. Morgan</b></p> <p><b>Boucher</b> acquires <b>Voltamp</b>, changes to 2<sup>1/8</sup> gauge</p> <p><b>Schoenhut:</b> wood stations (Philadelphia, PA) <b>Albert Schoenhut</b></p>	<p><b>Dorfan:</b> O, Wide gauge (Newark, NJ)  <b>Milton &amp; Julius Forcheimer</b></p> <p><b>Atlas Tool Co:</b> HO track (Hillside, NJ)</p> <p><b>Corcoran Railroad Models:</b> 1, O gauge (USA) <b>Milton Corcoran</b></p> <p><b>Tomiyama Toy Seisakusho (Tomy):</b> plastic gauge (Tokyo, Japan) <b>Erichiro Tomiyama</b></p> <p><i>Model Maker Magazine, Vol 1, No 1 January,</i> publisher <b>Watford Herts</b></p> <p><b>Dynamic Loudspeaker</b> invented (Kellogg &amp; Rice)</p>	<p><b>Windsor Models:</b> mid 1920's, O gauge (South London, UK) <b>Leslie Forrest</b></p> <p><b>Charbens:</b> 1925 +/- figures, vehicles (Holloway, London, UK) <b>Charles &amp; Ben Read</b></p> <p><b>Electric can opener</b> invented (Star Can Co. San Francisco, CA)</p> <p><b>American Flyer</b> offers wide gauge electric</p>
1921	1922	1923	1924	1925
	<p><b>Louis Hertz</b> born. Renowned toy train expert and historian</p>			
			<p><b>Josephine (Jody) Thomas</b> born. (will become Lou Redman's wife)</p>	

<b>HISTORY</b>	<p><b><u>Mantua Metal Products:</u></b> (Tyco) 00, O motors (Woodbury Heights, NJ)  <b>John Tyler &amp; family &amp; James P. Thomas</b></p> <p><b><u>Buffalo Model Co:</u></b> ca. 1926 Std gauge (Buffalo, NY)  <b>R. Donald Barr</b></p> <p><b><u>Gibbs Mfg. Co:</u></b> buildings (Canton, OH)</p> <p><b>A.J. Holladay:</b> buildings, forts (London, UK)</p> <p><b>Tevelox robot</b> invented (Westinghouse) 1<sup>st</sup> robot put to useful work</p>	<p><b><u>Joy Line Trains:</u></b> floor, clockwork gauges (Western PA) <b>Frank E. Wood</b></p> <p><b>N gauge</b> introduced ca. 1927</p> <p><b><u>American Model Railroad Co:</u></b> (AMRACO) O, HO, 1, 1/4 gauge, 1/2 scale (New Rochelle, NY)  <b>Edwin P. Alexander</b></p> <p><b><u>Le Rapide:</u></b> clockwork, O gauge (Paris, France)  <b>Louis Roussey</b></p> <p><b>Aerosol can</b> patented (Erik Rotheim, Oslo, Norway)</p> <p><b>Car radio</b> first mass produced</p>	<p><b><u>Fourmureau-Marescot:</u></b> O gauge (Nüremberg, Germany)</p> <p><b><u>Henry Katz &amp; Co:</u></b> floor, O gauge (New York City, NY) <b>Henry Katz</b></p> <p><b><u>Edobaud Trains:</u></b> O gauge (Oyannax, France) <b>Edouard Baud</b></p> <p><b>Shops of Bridgeport:</b> Std, repro (Bridgeport, CT) <b>Jim Cohen</b></p> <p><b><u>Schoenhut:</u></b> wood gauge (Philadelphia, PA) <b>Albert Schoenhut</b></p> <p><b>Mickey Mouse, Minnie Mouse, Steamboat Willie</b> (Walt Disney Productions)</p> <p><b>Baird Television:</b> 1<sup>st</sup> transatlantic television broadcast (John L. Baird, Scotland)</p> <p><b>Lionel Corp. &amp; American Flyer &amp; Hafner</b> buy Ives Mfg.</p>	<p><b>Randall Trains:</b> 1 gauge, <b>Thomas Randall</b></p> <p><b><u>Walker Fenn:</u></b> clockwork (UK) <b>Walker, HE &amp; HH Fenn</b></p> <p><b>Testor Corporation:</b> paint, kits, glue (Rockford, IL)  <b>Nils F. Testor</b></p> <p><i>Popeye</i> cartoon drawn by <b>E.C. Segar</b> debuted in the <b>New York Journal</b></p> <p>The <b>Great Depression</b> begins with stock market crash of Wall Street, Black Tuesday, Oct 29</p>
<b>YEAR</b>	1926	1927	1928	1929
<b>Model Train Genealogy</b>	<p><b>Marklin</b> “halves” O gauge creating HO gauge (half O) and creates 3 rail track</p> <p><b>Lionel</b> introduces pendulum reverse for Std. gauge</p> <p><b>Hornby</b> introduces electric O gauge</p>	<p><b>Lionel</b> introduces pendulum reverse for O gauge</p> <p><b>B &amp; O Railroad</b> builds a replica of the 1829 <b>Tom Thumb</b> (1926-1927)</p> <p><b>B &amp; O Railroad</b> celebrates 100 year Centennial</p>		
<b>Family Chronicle</b>				



<p><b>Fisher Price:</b> plastic gauge (East Aurora, NY) <b>Herman Fisher &amp; Irving Price</b></p> <p><b>Winner Lines:</b> O gauge (Lionel low end trains)</p> <p><b>Seki/Sakai Trains:</b> O gauge (Japan)</p> <p><b>Jerry White:</b> ca. 1930's , O gauge (USA)</p> <p><b>Metalma:</b> ca.1930's, O gauge, clockwork (Brazil)</p> <p><i>The Lionel Magazine</i> Vol 1 No 1, May-June(New York, NY) <b>Lionel Corporation,</b> Publisher</p> <p><b>Lionel</b> buys American Flyer shares of Ives</p> <p><b>Turbojet engine</b> patent (UK) Air Commodore Sir Frank Whittle, RAF</p>	<p><b>Hoge Trains:</b> O gauge (Waterbury, CT) <b>Henry Katz</b></p> <p><b>Foumereau:</b> O gauge (France) <b>Jean-Edmund Foumereau</b></p> <p><b>Lobaugh:</b> O, Standard (San Francisco, CA) <b>Rollin J. Lobaugh</b></p> <p><b>Merkur:</b> O gauge (Czechoslovakia)</p> <p><b>Warren Paper Products Co:</b> 1930's built rite buildings (Layfayette, IN) <b>Donald M. Warren</b></p> <p><b>Electric razor</b> invented (Jacob Schick, retired US Army)</p> <p><b>Marescot</b> absorbed by <b>Foumereau</b></p>	<p><b>Fleischmann Toys:</b>buys Bing tooling and machining, <b>Jean Fleischmann</b></p> <p><b>Wm. K. Walthers Inc:</b> HO, O gauges (Milwaukee, WI) <b>Bill Walthers</b></p> <p><b>Metttoy Playcraft Ltd:</b> Wind-up. O, vehicles (Northampton, UK) <b>Philip Ullman &amp; Arthur Kutz</b></p> <p><b>Leland-Detroit Mfg Co:</b> monorail (Detroit, MI) <b>Henry Leland</b></p> <p><b>Strombecker Co:</b> ca. 1930's, wood gauge (Moline, IL) <b>J.F. Strombeck &amp; R.D.Becker</b></p> <p><b>Goofy</b> (Walt Disney Productions)</p> <p>The World is in an <b>Economic Depression</b></p>	<p><b>Scale-Craft Trains:</b> O, 00 gauge (Libertyville, IL) <b>Elliott Donnelley</b></p> <p><b>Teasmade</b> tea maker became practical (UK) designed to have a cup of tea at your bedside</p> <p><b>Zippo</b> lighter invented (Austria) <b>George G. Blaisdell,</b></p> <p><i>The Model Craftsman,</i> Vol 1, No 1, March, <b>Emanuele Steieri</b></p>	<p><b>Bayko:</b> Bakelite buildings (Liverpool. UK) <b>C.B. Plimpton</b></p> <p><b>Newark Electric Co:</b> O gauge (Chicago. IL)</p> <p><i>Model Railroader Magazine,</i> Vol 1 No 1, Summer 1934 (Kalmbach Publishing, Waukesha, WI)</p> <p><b>Lionel</b> stops production of Ives trains, except for track clips</p> <p><b>Marx</b> acquires <b>Joy Line</b></p> <p><b>A.C. Gilbert</b> makes microscopes</p> <p><b>Donald Duck</b> (Walt Disney Productions)</p>
<p style="text-align: center;"> <span style="margin-right: 100px;">1930</span> <span style="margin-right: 100px;">1931</span> <span style="margin-right: 100px;">1932</span> <span style="margin-right: 100px;">1933</span> <span>1934</span> </p> 				
<p>Many railroads go into receivership due to the recession</p> <p>Union Pacific and Chicago, Burlington &amp; Quincy devised the streamliner concept</p>		<p><b>American Flyer</b> introduces Streamliner sets</p>		<p><b>Hoge</b> introduces a Union Pacific M10000 articulated Streamliner, set #900</p>
<p><b>Lou Redman</b> graduates in February from Dormont High School, Pittsburgh,PA</p>				<p><b>Lou Redman</b> goes to Pitt University &amp; works as a bank messenger for Union Trust Co, Pittsburgh, PA</p>

<b>HISTORY</b>	<p><u><a href="#">Trix (Minitrix)</a></u>: N gauge (Germany)  <b>Stephan Bing</b></p> <p><u><a href="#">Pittman Electric Dev. Company</a></u>: HO, O gauge (Philadelphia, PA) <b>Charles 'Al' Pittman</b></p> <p><u><a href="#">Polks</a></u>: Hobby Shop (New York City, NY)  <b>Nat &amp; Irwin Polk</b></p> <p><b>Radar (Radio Detection And Ranging)</b> patented (Robert Watson-Watt, UK)</p> <p><b>Porky Pig</b> (Warner Brothers)</p>	<p><u><a href="#">Varney Scale Models</a></u>: HO gauge (Chicago, IL)  <b>Gordon Varney</b></p> <p><u><a href="#">Skaneateles Handicrafters</a></u>: Wood gauge (Skaneateles, NY)  <b>Marshal Larrabee</b></p> <p><u><a href="#">Hawk Model Co</a></u>: O, OO gauge (Chicago, IL)  <b>1st Voice Recognition machine</b> (Voder) (AT&amp;T Bell Labs)</p>	<p><u><a href="#">Malins Models (Mamod)</a></u>  <u><a href="#">Trains</a></u>: Live Steam, O gauge (Birmingham, UK)  <b>Geoffrey Malins</b></p> <p><u><a href="#">Tyco/Mantua</a></u>: HO gauge (Woodbury Heights, NJ)  <b>John Tyler &amp; family &amp; James P. Thomas</b></p> <p><u><a href="#">Manoil</a></u>: ca. 1937, cast hollow toy soldiers (Waverly, NY) <b>Jack &amp; Maurice Manoil</b></p> <p><i>Lionel Model Builder Magazine</i>, Vol 1, No1 (New York, NY) <b>Lionel Corporation</b></p> <p><i>Snow White and the 7 Dwarfs</i> (Walt Disney Productions) dwarfs artist is future TCA member <b>Ward Kimball</b></p>	<p><u><a href="#">American Flyer*</a></u>: HO, S gauges (New Haven, CT) bought by <b>Alfred C Gilbert</b></p> <p><u><a href="#">Atheam Trains</a></u>: HO, O scale (Champaign, IL) <b>Irv Athearn</b></p> <p><u><a href="#">Fleischmann</a></u>: N, HO scale (Nüremburg, Germany)  <b>Jean Fleischmann</b></p> <p><b>Fleischmann</b> takes over <b>Doll &amp; Co</b></p> <p><b>Caboose Hobbies</b>: (Denver, CO)</p> <p><b>Trix Model Trains</b> buys <b>Distler</b></p> <p><b>Bugs Bunny</b> (Warner Brothers)</p>
<b>YEAR</b>	<b>1935</b>	<b>1936</b>	<b>1937</b>	<b>1938</b>
<b>Model Train Genealogy</b>	<p><b>National Model Railroad Association (NMRA)</b> founded</p> <p><b>Märklin Trains</b> introduces HO gauge trains.</p> <p><b>Lionel</b> introduces a Whistle Tender</p>		<p><b>National Tinsplate Model Railway Association</b>, founded by <b>Lou Hertz</b> (dissolved after a few years)</p>	
<b>Family Chronicle</b>				<p><b>Lou Redman</b> works at <b>Allis Chalmers &amp; Co</b> and spends 3 years as trolley operator at <b>Pittsburgh Railways Co</b> (Pittsburgh, PA)</p>







<p><a href="#">Lone Star Toys</a>: N, 000 gauge (London, England)</p> <p><a href="#">Red Ball Ltd</a>: HO scale model railroading kits ( Los Angeles, CA ) <b>M. Dale Newton</b></p> <p><b>Helicopter (VS-300)</b> flew (Stratford, CT)</p> <p>The <b>Great Depression</b> ends with mobilization following the outbreak of World War II ending unemployment.</p>	<p><i>Tom and Jerry</i> cartoon (MGM and Hanna &amp; Barbera) <b>William Hanna &amp; Joseph Barbera</b></p> <p><i>Daisy Duck</i> cartoon (Walt Disney Productions) <b>Carl Barks</b></p> <p><i>Jiminy Cricket</i> cartoon (Walt Disney Productions) <b>Ward Kimball</b></p>	<p><b>Pearl Harbor</b> attack (December 7, 1941) and US enters <b>World War II</b></p>	<p><i>Tweety Bird &amp; Sylvester</i> cartoon (Warner Brothers) <b>Friz Freleng</b></p> <p><b>Paint Sprayer</b>, 1st programmable mechanism designed (DeVilbiss Co) <b>Willard Pollard &amp; Harold Roselund</b></p>	<p><a href="#">General Models Corp (GMC)</a>: HO, O gauge kits(Wheaton, IL) <b>Joseph R. Matthews</b></p>
<p>1939</p>	<p>1940</p>	<p>1941</p>	<p>1942</p>	<p>1943</p>
				
			<p><b>Lou</b> is drafted. Chose to enlist in the US Army Air Corp, Pgh, PA. Trains at Sacramento AFB. Became mechanic for AF C-47s.</p>	<p><b>Lou</b> ships overseas by boat. Lands in Biserti, Italy. Staff Sergeant, USAACorps in charge of supplies.</p> <p>Lou earns <b>Legion of Merit</b>.</p>







<p><b>HISTORY</b></p>	<p><a href="#">HAG Model Railways:</a> HO, O gauges (Gallen, Switzerland) <b>Hugo &amp; Alwin Gahler</b></p> <p><a href="#">Jouef Trains (JF):</a> 00 gauge (Dijon, France) <b>George Huard</b></p> <p><i>Along the Tinplate Tracks,</i> September, 1st edition, <b>Louis H. Hertz</b></p> <p><b>D-Day,</b> June 6, 1944</p>	<p><a href="#">Rivarossi:</a> 00, HO scale (Como, Italy) <b>Alessandro Rossi &amp; Mr. Riva</b></p> <p><b>Mattel:</b> plastic O gauge (El Segundo, CA) <b>Harold M. Matson</b></p> <p><a href="#">Bub (Karl Bub):</a> S gauge (Nüremberg, Germany) <b>Karl Bub</b></p> <p><a href="#">Wardie Jay:</a> HO gauge (Cape May, NJ)</p> <p>Germany surrenders to the Western Allies &amp; the Soviet Union, May 8, <b>V-E Day</b></p> <p>Japan surrenders aboard the USS Missouri, September 2, <b>V-J Day</b></p>	<p><a href="#">Elettren Trains:</a> O gauge (Milan, Italy) <b>Armando Ravasini</b></p> <p><a href="#">Bowser Mfg:</a> HO, N scale (Montoursville, PA) <b>Bill Bowser</b></p> <p><b>Bowser acquires Knapp</b></p> <p><a href="#">Vollon &amp; Brun (VB):</a> HO scale (Paris, France) <b>Jacques-Antoine Vollon &amp; Albert Brun</b></p> <p><b>Allied Hobbies:</b> Hobby Shop (Los Angeles, CA) <b>Allen Drucker</b></p> <p><b>Hobbytown of Boston:</b> Hobby Shop (Boston, MA) <b>John Chapper</b></p>	<p><a href="#">Penn Line Mfg:</a> HO gauge (Boyetown, PA) <b>Albert M. Mercer, K. Linwood Stauffer, &amp; Robert Faust</b></p> <p><a href="#">Rokal Trains:</a> TT scale (Cologne, Germany) <b>Robert K Lobberich</b></p> <p><a href="#">Plasticville:</a> Accessories: Bachmann Industries (Philadelphia, PA)</p> <p><a href="#">Atlas O Model Trains:</a> N, HO scale, O gauge, track (Hillside, NJ) <b>Stephan Schaffan Jr</b></p> <p><a href="#">Liliput Manufacturers:</a> HO, 00, clockwork (Germany)</p> <p><a href="#">Fulgurex:</a> N,HO,O, 1 scale (Coluzzi, SUI) <b>Count Antonio Giaansanti</b></p> <p><a href="#">Lesney (Matchbox):</a> diecast vehicles (London, England) <b>Jack O'Dell, Leslie &amp; Robert Smith</b></p>
<p><b>YEAR</b></p>	<p>1944</p>	<p>1945</p>	<p>1946</p>	<p>1947</p>
<p><b>Model Train Genealogy</b></p>	<p>National Tinplate Historical Society formed, <b>Burton Logan &amp; Lou Hertz</b></p>	<p>Postwar Era of toy trains begins</p> <p>The Golden Age of Toy Trains 1945-1966 per Tom McComas</p>		<p><b>Standard Gauge Assn (SGA)</b> founded (ended after a few years)</p>
<p><b>Family Chronicle</b></p>		<p>V-E Day, <b>Lou Redman</b>, goes to Trinidad servicing planes. Goes home Oct 1945, 90 days post Hiroshima. Works at Allis-Chalmers.</p>		<p><b>Lou Redman</b> meets <b>Josephine (Jody) Thomas</b> working in secretarial pool of Allis Chalmers</p>





<p><a href="#">American Model Toys/ Auburn Model Trains</a> (AMT): O gauge (Auburn, IN) <b>Jack Ferris</b></p> <p><a href="#">Kader Industrial Co Ltd:</a> 00 gauge (Hong Kong &amp; China) <b>Ting Hsiung Chao</b></p> <p><a href="#">Paya Trains:</a> S, 00, HO gauges (Ibi, Spain) <b>Don R. Payá &amp; his three brothers</b></p> <p><a href="#">Lima (Lavorazione Italiana Metallie e Affini):</a> N, 00, O gauge (Vincenza, Italy)</p> <p><a href="#">MDM La Vie du Rail:</a> (Manufacture des Miniatures) HO, O gauge (France)</p> <p><a href="#">Colber:</a> O, S gauge (Irvington, NJ) <b>Anthony Collett &amp; Bill Berke</b></p> <p><b>Maurlyn Manufacturing:</b> Clockwork, O gauge (Australia)</p> <p><b>Road Runner &amp; Wylie Coyote</b> (Chuck Jones, Warner Brothers)</p> <p><b>Charlie Brown</b> (Charles Schulz)</p>	<p><b>Lego:</b> O gauge (Denmark) <b>Ole Kirk Christiansen</b></p> <p><b>Zueke:</b> TT scale (Sebnitz, Germany) <b>Werner Zeuke</b></p> <p><a href="#">Pocher:</a> HO, N gauge (Turin, Italy) <b>Arnaldo Pocher &amp; Corrado Muratone</b></p> <p><a href="#">Robilt:</a> O gauge (Melbourne, Australia) <b>Richard Titchener</b></p> <p><a href="#">Thomas Industries:</a> late 1940's. 027 gauge (Wenonah, NJ) <b>James P. Thomas</b></p> <p><i>Railroad Model Craftsman Magazine:</i> Vol 1, No 1 (Model Craftsman Publishing Co)</p>	<p><a href="#">G&amp;R Wrenn Limited:</a> 00 gauge (London, UK) <b>George &amp; Richard Wrenn</b></p> <p><a href="#">Wilesco Trains:</a> Live Steam (Lüdenscheid, Germany)</p> <p><a href="#">All Nation Model Trains:</a> O scale kits &amp; parts (Chicago, IL) <b>Jim Wilson</b></p> <p><i>Modelmaker Magazine:</i> Vol 1 No1 December <b>Lawrence &amp; Spavey &amp; Deason</b></p> <p><i>MainLine Modeler Magazine:</i> Vol 1 No 1, March/April (Lynnwood, WA) <b>Robert L. Hundman</b></p> <p><b>Wynadotte</b> acquires Hafner Trains</p> <p><b>Treasure House:</b> ca. 1950, Hobby Shop (Garfield, NJ) <b>William (Bill) Vagell</b></p>	<p><a href="#">Tri-Ang Trains:</a> HO, 00, O, TT gauges (Richmond, London, UK) brothers <b>William, Walter &amp; Arthur Lines</b></p> <p><i>Toy Trains Magazine:</i> Vol 1 No 1 (Silver Spring, MD) <b>Penn Publications</b></p> <p><b>Electrotren:</b> HO, N scale (Spain)</p> <p><b>All Nations</b> acquires General Models Corporation ca. 1950's</p> <p><a href="#">CCCP Moskobel Trains:</a> O gauge (Moscow, USSR)</p> <p><b>Caboose Hobbies:</b> (Denver, CO) <b>Glen Brazelton</b> purchased</p>	<p><a href="#">Fleischmann:</a> HO Scale (Nürnberg, Germany) <b>Kathe Fleischmann, &amp; brother-in-law Jobst Fleischmann</b></p> <p><i>The Headlite:</i> AMT newsletter Vol 1, No 1, August 1952</p>
1948	1949	1950	1951	1952










	Lou and Jody married in February	Ruth born. (Lou and Jody's 1st daughter)	1951 attic layout	Ruth in 1952
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<p><b>HISTORY</b></p>	<p><a href="#">Phoenix Model Co:</a> O gauge (Australia)</p> <p><a href="#">Wm. J. Clouser:</a> O gauge (USA)</p> <p><i>Toot, Whistle, Plunk &amp; Boom</i> (Ward Kimball, Walt Disney Productions)</p> <p>Littlestown Hardware &amp; Foundry branded <b>Utexiqua</b></p> <p>JEP introduces S gauge</p>	<p><a href="#">Auburn Model Trains (AMT):</a> O gauge (Fort Wayne, IN) reorganized American Model Toys, <b>Jack Ferris</b></p> <p><a href="#">Kusan Model Trains (KMT):</a> O gauge (Nashville, TN) bought AMT, <b>Bill McClain &amp; Eric Horton</b></p> <p><a href="#">Kemtron:</a> HO, O gauges (Fresno, CA) <b>Levon John Kemalyon</b></p> <p><a href="#">Pocher:</a> O gauge (Turin, Italy) <b>Arnaldo Pocher &amp; Corrado Maratone</b></p>	<p><a href="#">Life-Like Products LLC:</a> accessories, model products (Baltimore, MD) <b>Lou &amp; Sol Kraemer</b></p> <p>US troops enter the <b>Vietnam Conflict</b></p> 	<p><a href="#">Bev-Bel Corp:</a> HO, N, O gauges (Cresskill, NJ) <b>Irvin &amp; Beverly Beiken</b></p> <p><a href="#">US Hobbies Inc:</a> HO, O gauges (Fresno, CA) <b>Levon John Kemalyon</b></p> <p><b>Department 56:</b> villages, figures (Minneapolis, MN) <b>Ed Bazinet</b></p> <p><b>Konrad Dressler (KD):</b> begins HO</p> <p><i>The Gauge O Guild:</i> <i>Aug 1956 Vol 1, No 1</i> <i>(Easton Sq, London. UK)</i> <b>Jack Ray</b></p>
<p><b>YEAR</b></p>	<p>1953</p>	<p>1954</p>	<p>1955</p>	<p>1956</p>
<p><b>TCA Genealogy</b></p>	 	<p>Founding of <b>Western Division</b></p> <p>Ed Alexander &amp; Bill Krames hold 1st Annual "Toy Train Get Together" Alexander's barn Yardley, PA. 21 in attendance</p> <p>Founding of <b>Eastern Division</b></p> <p><b>TCA established</b></p> <p>December 1954 - 68 TCA Charter Members</p>	<p>January, First issue published of <i>Train Collectors Quarterly</i>, (TCQ) Vol 1, No 1</p> <p>1st TCA Convention held at Alexander's Barn in Yardley, PA</p> <p>June 1955 – TCA members 75</p>	<p>2nd TCA Convention held at Alexander's Barn in Yardley, PA</p>  <p>1954 Edaville Railroad</p> <p>June 1956 – TCA members 125</p>
<p><b>Family Chronicle</b></p>	<p><b>Carol</b> born. (Lou &amp; Jody Redman's 2nd daughter)</p> <p>Lou graduates from Univ. of Pittsburgh</p>	<p><b>Lou, Jr</b> born. (Lou and Jody's son)</p> <p><b>Lou Redman, Sr.</b> CM-3, Charter Member, is elected Secretary-Treasurer of TCA</p>	 <p>Dec. 1954 Lou, Jr.</p>	 <p>1956 Ruth &amp; Carol</p>





<p><a href="#">Kato Precision RR Models</a> HO, N gauges (Tokyo, Japan) <b>Yuji Kato</b></p> <p><a href="#">McCoy Manufacturing Co:</a> 2 7/8, Std, G gauges (Kent, WA) <b>Bob Sr &amp; Margaret McCoy</b></p> <p><a href="#">Pola:</a> O gauge, buildings (Schweinfurt, Germany) <b>Horst Pollak</b></p> <p><b>Cat in the Hat</b> books (Dr. Seuss)</p> <p>Soviet Union launches <b>Sputnik I</b></p>	<p><a href="#">Brio:</a> floor gauge: (Osby, Sweden) 3 brothers, sons of <b>Iver Bengtsson's</b> at Osby</p> <p><a href="#">Arvid L. Anderson:</a> O parts &amp; kits (Frederic, WI) <b>Arvid L. Anderson</b></p> <p><b>Frateschi:</b> HO gauge (Sao Paulo, Brazil) <b>Galileu Frateschi</b></p>  <p><b>1958 O gauge Christmas layout</b></p>	<p><b>Lionel Corp</b> sold to <b>Roy Cohn</b></p> <p><b>Tomy:</b> Plarail plastic gauge (Tokyo, Japan)</p> <p><a href="#">LaBelle Woodworking Co:</a> HO kits, O kits (Oconomowoc, WI) <b>Al Bobrakovski</b></p> <p><b>Riko:</b> O gauge (Nüremberg, Germany) <b>Richard Kohnstam</b></p>  <p><b>1959 family visit to Horseshoe Curve</b></p>	<p><a href="#">David O. King:</a> O gauge (Brooklyn, NY) <b>David King</b></p> <p><a href="#">Roco Trains:</a> HO, N, O narrow gauge (Salzburg, Austria) <b>Heinz Rössler</b></p> <p><i>Family Circus</i> cartoon (Bill Keane)</p> <p><i>Flintstones</i> cartoon (Hanna-Barbera)</p>	<p><a href="#">Bowser Mfg Co:</a> HO, N gauges (Montoursville, PA) transferred to <b>Lewis English Family</b></p> <p><b>Dowst</b> purchases <b>Strombecker</b></p>  <p><b>1961 Christmas layout</b></p>
1957	1958	1959	1960	1961
<p><b>Articles of Incorporation</b> issued for TCA November, 1957</p> <p>Formation of <b>NorCal Division</b></p> <p>3<sup>rd</sup> TCA Convention held at Edaville Railroad Museum, S. Carver, MA</p> <p>June 1957 – TCA members 199</p>	<p>Formation of <b>Pacific Northwest Division</b></p> <p>Formation of <b>New England Division</b> (NETCA)</p> <p>4<sup>th</sup> TCA Convention held at Alexander's Train Museum, Yardley, PA</p> <p>June 1958 – TCA members 288</p>	<p>5<sup>th</sup> TCA Convention held at Knotts Berry Farm, Buena Park, CA (Western Division)</p>  <p>June 1959 – TCA members 333</p>	<p>Formation of <b>Midwest Division</b></p> <p>6<sup>th</sup> TCA Convention held at Community Hall, Yardley, PA</p> <p><b>1960-1970:</b> This was the "dark times" for O gauge trains. Kept alive by Lionel &amp; TCA.</p> <p>June 1960 – TCA members 417</p>	<p>Formation of <b>Metropolitan Division</b> (METCA)</p> <p>TCA publishes its first <b>Grading Standards</b></p> <p>7<sup>th</sup> TCA Convention held at Daniel's Farm, Pittsburgh, PA (Eastern Division)</p> <p>June 1961 – TCA members 508</p>
<p><b>Peg</b> born. (Lou &amp; Jody Redman's daughter)</p>	 <p><b>Yardley, PA meeting</b></p>	<p>Lou Redman works as expeditor in the Development Dept. of Allis Chalmers Co.</p>	<p>Lou Redman works as Mfg. Rep. for Cyril Scott, National Church Supply, &amp; Church Budget Envelope Co.</p>	 <p><b>1961 Trolley Trip</b></p>





<p><b>HISTORY</b></p>	<p><a href="#">Arnold Trains</a>: N gauge (Nürnberg, Germany) <b>Karl Arnold</b></p> <p><b>Menard's</b>: ca. 1960's O, buildings &amp; vehicles (Eau Claire, WI) <b>John Menard Jr.</b></p>	<p><a href="#">Sagami Micro Corp</a>: motors &amp; gears (Japan)</p> <p><a href="#">Tresco (Manamo)</a>: HO gauge (Spain)</p> <p><b>Kendall</b>: mid 1960's O gauge (Kendall, Cumbria, UK) <b>Harry D'Arcy</b></p> <p>Rivarossi buys Pocher</p> <p><i>Petticoat Junction</i> airs (TV Show)</p> <p><b>John F Kennedy</b> shot (Dallas, TX)</p>	<p><a href="#">Westside Model Co</a>: O gauge (Los Angeles, CA)</p> <p><i>Pink Panther</i> cartoon (DePatie-Freleng Enterprises &amp; MGM Animation) <b>Friz Freleng</b></p>  <p>1964 East BroadTop</p>	<p><a href="#">Weaver Models</a>: N, O gauges (Northumberland, PA) <b>Bob &amp; Shirley Weaver</b></p> <p><a href="#">Quality Craft Models</a>: N, O gauges (Northumberland, PA) <b>Joe Hayter</b></p> <p><a href="#">Thorley Hoople Toy Co</a>: Std gauge (Palo Alto, CA) <b>George L. "Tad" Cody Jr.</b></p> <p><a href="#">David O. Auld</a>: O gauge (Greymouth, New Zealand) <b>David O. Auld</b></p>
<p><b>YEAR</b></p>	<p>1962</p>	<p>1963</p>	<p>1964</p>	<p>1965</p>
<p><b>TCA Genealogy</b></p>	<p><b>Arnold</b> introduces modern commercially produced N gauge</p> <p>8<sup>th</sup> TCA Convention held at Randell Museum Hall of Science, San Francisco, CA (Nor-Cal Division)</p> <p>Formation of <b>Sacramento-Sierra Chapter</b> (PNW Div) (ca. 1962)</p> <p>June 1962 – TCA members 620</p>	<p>9<sup>th</sup> TCA Convention held at Motel 128, Dedham, MA (NETCA Division)</p> <p>June 1963 – TCA members 770</p>	<p><b>10<sup>th</sup> Anniversary of TCA.</b></p> <p>10<sup>th</sup> TCA Convention held at Midway House Motel, Chicago, IL (Mid-West Division)</p> <p>Formation of <b>WB&amp;A Chapter</b> of Eastern Division</p> <p>June 1964 – TCA members 902</p>	<p>First TCA Convention Car produced, a blue O gauge Lionel boxcar, Pittsburgh Convention</p> <p>11<sup>th</sup> TCA Convention held at Hotel Webster Hall, Pittsburgh, PA (Eastern Division)</p> <p><b>Joshua Lionel Cowen</b> dies at the age of 88</p> <p>June 1965 – TCA members 1062</p>
<p><b>Family Chronicle</b></p>	 <p>1962 Lou at the Trolley Museum</p>		 <p>1964 Peg in front of Christmas layout</p>	 <p>1965 Lou on viaduct Christmas layout</p>






<p><b>Rich-Art Company:</b> Std, Wide, 1, O gauges (Escondido, CA) <b>Richard Mayer &amp; Art Varney</b></p> <p><b>Darstead:</b> O scale (Zug, Switzerland) <b>Marcel R. Darphin &amp; Marcel Rossi</b></p> <p><b>Rovex/Triang:</b> O gauge (UK)</p> <p><b>Concept Models:</b> HO, S gauge (Stockton, CA) <b>David D. Allen</b></p>  <p>1966 at Ward Kimball's</p>	<p><b>Knox &amp; Floyd:</b> Clockwork, Windup (Australia) <b>Pat Knox &amp; Dennis Floyd</b></p> <p><b>Black &amp; Decker Mfg</b> (Baltimore, MD) <b>Alonzo Decker</b></p>  <p>Lou Jr. fishing for a train wreck</p>	<p><b>Bachmann Trains:</b> G, HO, N, On30, O, S gauges, Large Scale (Phila, PA) <b>Henry Carlisle &amp; Henry Bachmann</b></p> <p><b>Lehman Gross Bahn (LGB):</b> G gauge (Nürnberg, Germany) <b>Lehman Ernst Paul</b></p> <p>G gauge introduced</p> <p><b>Kris Model Trains (KMT):</b> O gauge (Endicott, NY) <b>Andy Kriswalus</b></p> <p><b>Roberts Lines:</b> Std gauge (Rochester, NY) <b>Russell Roberts</b></p> <p><b>Archangel Loco Works:</b> 1, O gauges (Shrewsbury, Shropshire, UK) <b>Stewart Browne</b></p> <p><b>Fleischmann:</b> N gauge</p>	<p><b>Classic Model Corp/Classic Model Trains:</b> Standard gauge (Laurel, MD) <b>Fred Mills &amp; Jerry Williams</b></p> <p><i>O Gauge Railroading Magazine:</i> Vol 1 No 1 (Poland, OH) OGR Publishing</p> <p>Lionel Corp. purchased by General Mills</p> <p><b>Bassett Lowke</b> (Allen Levy Era): O gauge <b>Ivan Scott, Allen Levy &amp; Roland Fuller</b></p> <p>Apollo 11 lands on the moon (NASA)</p> <p><i>Scooby Doo</i> cartoon (Hanna Barbera)</p> <p>PostWar Era of toy trains ends</p>	<p><b>Lionel Corp:</b> S gauge (Mt. Clements, MI) <b>General Mills Fundimensions</b></p> <p><b>Wm. K. Walthers Inc:</b> N gauge (Milwaukee, WI) <b>Bill Walthers</b></p> <p><b>Wabu:</b> 1, HO, N gauges (Zurich, Switzerland)</p> <p><b>George Templin:</b> Std Trolley (Long Beach, CA) <b>George Templin</b></p> <p><b>Lionel Collectors Club of America (LCCA):</b> (Des Moines, IA) <b>Jim Gates</b></p> <p><b>Ridgefield Hobbies:</b> Hobby Shop (Ridgefield, NJ) <b>Jim Pentifallo</b></p> <p>Modern Era of toy trains begins</p>
1966	1967	1968	1969	1970
<p>Formation of <b>Great Lakes Division</b></p> <p>Formation of <b>Southern Division</b></p> <p>12<sup>th</sup> TCA Convention held at Hotel Mirimar, Santa Monica, CA (Western Division)</p>  <p>June 1966 – TCA members 1312</p>	<p>Formation of <b>Ozark Division</b></p> <p>13<sup>th</sup> TCA Convention held Lord Baltimore Hotel, Baltimore, MD (WB&amp;A Chapter, Eastern Division)</p>  <p>June 1967 – TCA members 1552</p>	<p>Eastern Division holds 1<sup>st</sup> official <b>York Train Meet</b></p> <p>14<sup>th</sup> TCA Convention held at Sheraton Cleveland Hotel, Cleveland, OH (Lake Erie Chapter, Great Lakes Divi)</p> <p>Formation of <b>Lone Star Division</b></p>  <p>June 1968 – TCA members 1985</p>	<p>Formation of <b>Lakes &amp; Pines Division</b></p> <p>15<sup>th</sup> TCA Convention held at Jack Tar Hotel, Clearwater, FL (Southern Division)</p> <p><b>Hornby Railway Collectors Association (HRCA)</b> Australia, <b>Peter Randall</b></p>  <p>June 1969 – TCA members 2309</p>	<p>Formation of <b>Southeastern Division</b></p> <p>Formation of <b>Atlantic Division</b></p> <p>16<sup>th</sup> TCA Convention held at O'Hare Inn, Des Plaines, IL (Mid-West Division)</p>  <p>June 1970 – TCA members 2763</p>
	<p>1967/1968 Lou's basement office</p>	<p>1968 Lou does TCA work in his basement</p>	<p>1969 Family visit to Yardley, PA</p>	<p>1970 East Strasburg RR, Strasburg, PA</p>



<p><b>HISTORY</b></p>	<p><b>Playmobil:</b> Accessories (Zimdorf, Germany) <b>Hans Beck</b></p> <p><a href="#">Williams Electric Trains/Williams Repro Ltd:</a> O, Std gauges (Columbia, MD) <b>Jerry Williams</b></p> <p><b>Greenberg Publishing Co.</b> begins A.F.Catalog reproduction series</p>	<p><a href="#">Märklin Trains:</a> N, Z gauge (Germany) <b>Kilian Helmut</b></p> <p><b>VEB Berliner-TT-Bahner:</b> TT scale (Sebnitz, Germany)</p> <p><a href="#">United States Toy Train Co (USTTC)</a> early 1970's: HO, O gauge (San Diego/Delmar, CA) <b>Tom Stephenson</b></p> <p><b>Charles Ro Supply Co:</b> hobby shop (Malden, MA)</p> <p><b>Ross Custom Switches:</b> O switches (Norwich, CT) <b>Steven Ross Brenneisen</b></p> <p><b>Lionel 46-68 Service Manual:</b> published by Greenberg Publishing (Columbia, MD) <b>Bruce Greenberg</b></p>	<p>US withdraws from <b>Vietnam Conflict</b></p> <p><b>Ibretren:</b> N, HO gauge (Barcelona, Spain)</p> <p><b>Lionel</b> folds into <b>General Mills Fundimensions</b></p> <p><a href="#">Mike's Train House (MTH):</a> O, Standard gauge (Columbia, MD) <b>Mike Wolf</b></p> <p><b>Sanda Kan:</b> O gauge &amp; parts (China) <b>Guang Dong</b></p>	<p><a href="#">Art Vamey:</a> late 1970's, Std gauge (Pasadena, CA) <b>Art W. Vamey &amp; Dick Wheeler</b></p> <p><a href="#">Gold Standard Engineering:</a> (Robert C. Hendrich Trains) Std (Glendora, CA) <b>R. C. Henrich &amp; J Trescott</b></p> <p><a href="#">Newbraugh Brothers Toys (NBT):</a> early 1970's. custom repaint (Berkley Springs, WV) <b>John &amp; Dan Newbraugh</b></p> <p><a href="#">Chooch Enterprises Inc:</a> G, HO, N, O gauge kits (Maple Valley, WA) <b>Wai Shing Ting &amp; Sol Kramer</b></p> <p><b>Lion Lines:</b> ca. 1975, Std gauge (San Francisco, CA)</p>
<p><b>YEAR</b></p>	<p>1971</p>	<p>1972</p>	<p>1973</p>	<p>1974</p>
<p><b>TCA Genealogy</b></p>	<p>Formation of <b>Desert Division</b></p> <p>Formation of <b>Rocky Mountain Division (RMD)</b></p> <p>17<sup>th</sup> TCA Convention held at Disneyland Hotel, Anaheim, CA (Western Division)</p> <p><b>TCA Life Membership</b> set up, 500 members. Money raised went to building of the <b>National Toy Train Museum.</b></p> <p>June 1971 – TCA members 3236</p>	<p>TCA Convention Committee releases <b>TCA Special #1</b> train set,</p> <p>18<sup>th</sup> TCA Convention held at Chatham Center, in Pittsburgh, PA (Eastern Division)</p> <p>June 1972 – TCA members 3661</p>	<p>19<sup>th</sup> TCA Convention held at Dearborn Youth Center, in Dearborn, MI (Detroit-Toledo Chapter, Great Lakes Division)</p> <p>Formation of <b>North Texas Chapter</b>, Lone Star Div.</p> <p>Formation of <b>Central Indiana Chapter</b>, MidWest Div.</p> <p>Formation of <b>Gulf Coast Chapter</b>, Lone Star Division</p> <p>June 1973 – TCA members 4478</p>	<p>20<sup>th</sup> TCA Convention held at Olympic Hotel, Seattle, WA (Pacific NorthWest Division)</p>  <p><b>1974 O gauge oil derrick Christmas layout</b></p> <p>June 1974 – TCA members 5330</p>
<p><b>Family Chronicle</b></p>		<p><b>1971 Lou Redman at Eastern Division York Meet Table in Blue Hall</b></p> 		



<p><a href="#">Maury D. Klein Inc (MDK):</a> (K-Line) 027,O gauge (Chapel Hill, NC) <b>Maury D. Klein</b></p> <p><a href="#">Forney Locomotive Works:</a> Std gauge (Carlisle, PA) <b>Willard L. "Red" Forney</b></p> <p><a href="#">Lee Lines:</a> Std gauge (Miami, FL) <b>Dana Lee Barlow</b></p> <p><a href="#">Jerry Brown Trains:</a> Std (Los Angeles, CA) <b>Jerry Brown</b></p> <p><a href="#">Sunset Models/3rd Rail:</a> HO, O, N, S, G, 1 scale (Campbell, CA) <b>Mort Mann</b></p> <p><a href="#">Ron Morris:</a> O, Std Repro Lionel scenic polts (Sinking Springs, PA) <b>Ron Morris</b></p> <p><i>Greenberg Price Guide to Lionel 1906-1942 Prewar.</i> Greenberg Publishing</p>	<p><a href="#">JAD Railway Lines:</a> Std gauge, <b>John Daniels, Art Vamey &amp; Dick Battaglia</b></p> <p><b>Tin Town:</b> S, O, Std accessories (Doylestown, PA) <b>Todd Clarke</b></p> <p><a href="#">Pride Lines Trains:</a> O, Std gauge (Lindenhurst, NY) <b>John Davanzo</b></p> <p><i>The Greater Tinplater Vol 1, No 1: October 1976</i> (Greenberg Publishing, Columbia, MD)</p> <p><i>Greenberg Price Guide to Lionel 1945-77 ,Postwar:</i> 1<sup>st</sup> edition (Greenberg Publishing, Columbia, MD)</p> <p>Lionel RailRoders Club (LRRC) founded</p>	<p><a href="#">J.E. Harmon Mfg:</a> Std gauge (Huntington, NY) <b>John E. Harmon &amp; John Kresse</b></p> <p><a href="#">Glenn Toy Train Co:</a> late 1970's. G, Std gauge (Woodbridge, NJ) <b>Glenn C. Gerhard</b></p> <p>Continental Flyer (CT): S gauge (North Haven, CT)</p> <p><i>Greenberg's Price Guide to Lionel Trains, 2<sup>nd</sup> Edition</i> (Greenberg Publishing)</p>	<p><a href="#">Classic Model Trains (CMT):</a> Standard gauge (Warren, OH) purchased Classic Model Corp, <b>Charlie Wood</b></p> <p>JDL: O gauge (Milwaukee, WI) <b>Jerry D. Loman</b></p> <p>1903 Lionel Catalog <b>Reproduction:</b> (Greenberg Publishing)</p> <p>CMT purchases CMC</p> <p>Frontline Hobbies: Hobby Shop (New Castle, CBD, Australia) <b>Scott Family</b></p>	<p><a href="#">American Flyer* Lionel:</a> S, O gauges (Mt. Clemens, MI)</p> <p><a href="#">K-Line:</a> S, O, G gauge (Chapel Hill, NC) <b>Maury D. &amp; Mark Klein</b></p> <p><a href="#">Korber Models:</a> HO &amp; O accessories (NJ)</p> <p><b>Liberty Lines:</b> Std gauge (Seattle, WA) <b>Harlen Creswell</b></p> <p><b>Lionel Pocket Guide 1901-1942 &amp; 1945-1979</b> (Greenberg Publishing Co)</p> <p><b>Lionel Operating Train Society (LOTS)</b> founded (Cincinnati, OH) <b>Larry Keller</b></p> <p><a href="#">Train Collectors Society (TCS)</a> founded (London, UK) <b>Bryan Pentland</b></p>
1975	1976	1977	1978	1979
<p>21<sup>st</sup> TCA Convention held at Sheraton Towers, Orlando, FL (Southern Division)</p> <p>Formation of <b>Louisiana Chapter</b>, Lone Star Division</p>  <p><b>1975 O Gauge layout</b></p> <p>June 1975 – TCA members 7000</p>	<p>TCA Convention Committee releases <b>Special Set #2, Bicentennial Set</b> (designed by <b>Jim Crone</b>, TCA #57-236)</p> <p><i>Lionel Trains: Standard of the World 1900-1943</i> is published by TCA Book Committee</p> <p>22<sup>nd</sup> TCA Convention held at Sheraton Hotel, Philadelphia, PA (Atlantic Division)</p> <p>TCA Membership Newsletter becomes <b>National Headquarters News Vol.1 No.1</b></p>  <p><b>1977 LGB Layout</b></p> <p>June 1976 – TCA members 8316</p>	<p>Formation of <b>Fort Pitt Division</b></p> <p>April, Grand Opening of <b>Toy Train Museum &amp; Toy Train Library</b> held in Strasburg, PA</p> <p>23<sup>rd</sup> TCA Convention held at Shamrock Hilton, Houston, TX (Lone Star Div)</p>  <p><b>1979 O Gauge Layout</b></p> <p>June 1977 – TCA members 9972</p>	<p>Formation of <b>Keystone Division</b></p> <p>24<sup>th</sup> TCA Convention held at NorthEast Trade Center, Woburn, MA (NETCA Division)</p> <p>June 1978 – TCA members 10,205</p>	<p>25<sup>th</sup> TCA Convention held at Disneyland Hotel, Anaheim, CA (Western Division)</p> <p>George Sirius, of <b>Rich-Art</b>, presents TCA with a <b>Silver Anniversary President's Special</b>, and it is auctioned at the 25<sup>th</sup> banquet</p> <p>(<b>Rich-Art</b> creates a <b>Golden Anniversary President's Set</b> given to NTTM for auction at 50<sup>th</sup> Convention)</p> <p>June 1979 – TCA members 11,032</p>
	 <p><b>1976 BiCentennial Train, Lou Redman with a young friend.</b></p>	<p><b>Robert born</b> (Lou and Jody Redman's 1st grandson)</p>		











<p><b>HISTORY</b></p>	<p><u><a href="#">A.S. Trains:</a></u> O gauge (Paris France) <b>Pierre Adenot &amp; René Sennedot</b></p> <p><u><a href="#">Keil-Line Products:</a></u> O parts &amp; scenery (Wonder Lake, IL) <b>John &amp; Martha Keil</b></p> <p><i><b>Greenberg Guide to American Flyer S Gauge.</b></i> (Greenberg Publishing) <b>J. Fazenbaker</b></p> <p><b>DCC (Digital Command Control):</b> 1980's, system developed for Märklin and Arnold.</p>	<p><u><a href="#">Pocher Model Kits:</a></u> Accessories, cars (Trento, Italy) <b>Arnaldo Pocher</b></p> <p><b>Caboose Hobbies:</b> (Denver, CO) <b>Duane Miller</b> purchased</p> <p><b>International Hobby Corp (IHC):</b> O gauge (Philadelphia, PA) <b>Bernard Paul</b></p> <p><u><a href="#">Renzo Dottori:</a></u> 1, O gauge (Loreto, Italy)</p> <p><i><b>Greenberg Price Guide to N Gauge:</b></i> (Greenberg Publishing) <b>Dallas Mallerich</b></p> <p><i><b>Lionel 1901-42 Prewar Repair &amp; Operating Guide:</b></i> (Greenberg Publishing) <b>J. Hubbard</b></p>	<p><u><a href="#">Charles Ro Supply Co:</a></u> G gauge (Everett, MA) <b>Charles Ro Sr &amp; Charles Ro Jr</b></p> <p><b>J. Loman Services:</b> O gauge (Mt. Clemens, MI) <b>Jerry D. Loman</b></p> <p><i><b>The Complete Guide to Buddy L:</b></i> (Greenberg Publishing) <b>Albert McCullough</b></p> <p><b>TCQ: Vol 28. No 4 "Who Done It" #1 of the series</b> <b>John Newbraugh</b></p>  <p>1982 Christmas with Dan &amp; Rob as engineers</p>	<p><u><a href="#">Dapol Ltd:</a></u> N, 00 gauge (Chirk, Wales) <b>David &amp; Pauline Boyle</b></p> <p><u><a href="#">Glor Craft Models:</a></u> HO, N, O kits (Oak Harbor, OH) <b>Stephen &amp; Jeanna Gloor</b></p> <p><b>Greenberg Operating &amp; Repair Manual, 1st &amp; 2nd Edition:</b> (Greenberg Pub) <b>Thomas B. Barker</b></p>
<p><b>YEAR</b></p>	<p>1980</p>	<p>1981</p>	<p>1982</p>	<p>1983</p>
<p><b>TCA Genealogy</b></p>	<p>26<sup>th</sup> TCA Convention held at Holiday Inn Mart Plaza Expo Center, Chicago, IL (Mid-West Division)</p>  <p>1980 Lou with Robert and Daniel</p> <p>June 1980 – TCA members 12,345</p>	<p>27<sup>th</sup> TCA Convention held at Sheraton Cervantes Center, St. Louis, MO (Ozark Division)</p> <p>June 1981 – TCA members 12,691</p>	<p>28<sup>th</sup> TCA Convention held at Best Western Motel at the Mart, Denver, CO (Rocky Mountain Division)</p> <p>June 1982 – TCA members 13,570</p>	<p>April, TCA officials dedicate <b>National Toy Train Museum</b> and <b>Toy Train Reference Library</b> annex which doubles the size.</p> <p>29<sup>th</sup> TCA Convention held at Executive Inn East, Louisville, KY (Great Lakes Division)</p> <p>June 1983 – TCA members 15,233</p>
<p><b>Family Chronicle</b></p>	<p><b>Daniel and Matthew</b> born. (Lou and Jody Redman's 2nd &amp; 3rd grandsons)</p> <p>1981 Rob gets his 1st train at Grandpa Lou's</p> 	<p><b>Erin</b> born. (Lou and Jody Redman's 1st granddaughter)</p> <p>1983 Matthew gets his train at Grandpa Lou's</p> 		

<p><u>Maple Landmark Woodcraft</u>: Wood gauge (Lincoln, VT) <b>Mike Rainville</b></p> <p><i>Garden Railways Magazine</i>, (Waukesha, WI) Kalmbach Publishing</p> <p><i>Thomas the Tank Engine &amp; Friends</i>: cartoon (Britian) ITV Network</p> <p><i>Toy Train Calendar</i>: Ward Kimball Collection (Greenberg Publishing)</p> <p><i>Greenberg Guide to Lionel HO</i>: (Greenberg Publishing) Rosa Horan</p> <p><i>Greenberg Guide to Ives Trains</i>: (Greenberg Publishing) Bruce Greenberg</p>	<p><b>Transportation Milestones</b>: 1, G, Std gauge (Keasbey, NJ) <b>Robert DeHanes</b></p> <p><b>T-Reproductions</b>: Std gauge (Johnson City, TN) <b>Norman Thomas</b></p> <p><b>Lionel Corp.</b> absorbed by <b>Kenner-Parker</b></p>  <p>1985 Pittsburgh Trolley in the Summer</p>	<p>Lionel Corp: bought by <b>Richard "Dick" Kughn</b></p> <p><i>Greenberg Guide to LGB</i>: 1st Edition (Greenberg Publishing) <b>J. Ottley</b></p> <p><i>Greenberg Guide to Marx Trains</i>: (Greenberg Publishing) <b>J. Flynn</b></p> <p><b>ARPANET</b>: late 1980's, (prototype for Internet) <b>Leonard Kleinrock, Paul Baran, Donald Davies, Lawrence Roberts</b></p>  <p>1986 Dan at Emsworth Dam, Pittsburgh, PA</p>	<p><b>USA Trains</b>: G gauge (Everett, MA) <b>Charles Ro Sr &amp; Charles Ro Jr</b></p> <p><b>Lyle Cain Enterprises</b>: O, Std, G gauge (Toonerville Trolley) <b>Dr. Lyle H. Cain, Sr</b></p> <p><i>Classic Toy Trains Magazine, Vol 1 No 1, Fall 1987</i> (Kalmbach Publishing, Waukesha, WI)</p> <p><i>American Flyer Vol. 1 O gauge</i>: (Greenberg Publishing) <b>S. Kimball</b></p> <p><i>Greenberg Guide to Kusan Trains</i>: (Greenberg Publishing) <b>John O. Bradshaw</b></p>	<p><b>Aristo Craft Trains</b>: G gauge (Jersey City, NJ) <b>Lewis Polk</b></p> <p><b>C&amp;M Enterprises</b>: O, Std gauges, Toonerville Trolley <b>Lyle Cain &amp; Dick Mayer</b></p> <p><b>American Flyer Vol. 2 Wide Gauge</b>: (Greenberg Publishing) <b>Alan Schuweiler</b></p> <p><b>McCoy Mfg</b>: G gauge trolley (San Francisco, CA) National Garden Railway Convention</p>  <p>1988 Patrick at Emsworth Dam, Pgh, PA</p>
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<p>1984</p> <p>30<sup>th</sup> TCA Convention held at Marriott Hotel, Monroeville, PA (Ft. Pitt Division)</p>  <p>1984 Lou named Mr. TCA</p> <p>June 1984 – TCA members 16,208</p>	<p>1985</p> <p>31<sup>st</sup> TCA Convention held at Red Lion Inn, Bellevue, WA (Pacific NorthWest Division)</p> <p>June 1985 – TCA members 16,939</p>	<p>1986</p> <p>June, Convention Car Committee releases the Founder's set</p> <p>32<sup>nd</sup> TCA Convention held at Hyatt Regency Hotel, New Orleans, LA (Lone Star Division)</p> <p>June 1986 – TCA members 17,918</p>	<p>1987</p> <p>33<sup>rd</sup> TCA Convention held at Radisson Plaza Hotel, Raleigh, NC (Southeastern Division)</p> <p>June 1987 – TCA members 19,016</p>	<p>1988</p> <p>Formation of <b>Dixie Division</b></p> <p>Formation of <b>Cottonbelt Division</b></p> <p>34<sup>th</sup> TCA Convention held at Hyatt Regency, Oakland, CA (Nor-Cal Division)</p> <p>June 1988 – TCA members 20,281</p>
<p>Lou Redman, Sr., named "Mr. TCA" by the TCA Board of Directors; June, 1984</p>	<p><b>Patrick and Leigh</b> born. (Lou &amp; Jody Redman's 4th grandson and 2nd granddaughter)</p>	<p><b>Robin</b> born. (Lou and Jody Redman's 3rd granddaughter)</p> <p>1987 O gauge Christmas layout</p> 		<p><b>Roger</b> born. (Lou and Jody Redman's 5th grandson)</p>

<b>HISTORY</b>	<p><b>Smith Metal Works:</b> ca. 1989, Std gauge accessories (Newark, NY) <b>Wayne Smith</b></p> <p><i>Shining Time Station</i> airs (TV show starring Ringo Starr)</p> <p><i>N Scale Collector Magazine</i> Vol 1 No 1 July/Aug 1989 (Edmonds, WA) <b>Robert Hundman</b></p> <p>Richard "Dick" Kughn of Lionel buys <b>Madison Hardware</b> and moves it from NYC to Detroit, MI</p> <p><i>Greenberg Guide to Marklin HO, &amp; OO:</i>(Greenberg Publishing) <b>R. Monaghan</b></p> <p><i>Greenberg Guide to Marklin Z:</i>(Greenberg Publishing) <b>R. O'Connor</b></p>	<p><b>ETS:</b> O gauge (Prague, CZ) <b>Gustav Taus &amp; Ludvik Losos</b></p> <p><b>Kiss Modellbahnon:</b> 1, O gauges (Viernheim, Germany)</p> <p><b>1901 Lionel Catalog</b> <b>Reproduction:</b>(Greenberg Publishing)</p> <p><b>Internet</b> begins (early 1990's)</p>  <p>1990 O gauge Christmas Layout</p>	<p><b>Smith Locomotive Works:</b> ca., Std gauge (early 1990's)</p> <p><b>Vintage Trains:</b> O, HO gauges (Bangkok, Taiwan) <b>Andries Grabowsky</b></p> <p><b>Metcalf Models &amp; Toys Ltd:</b> N, O, OO kits (Skipton, N. Yorkshire, UK) <b>Nick &amp; Judy Metcalfe</b></p> <p><i>Al Cox's Toy Train Wish Book</i>(Seattle, WA)</p> <p><i>Greenberg Guide to Varney:</i> (Greenberg Publishing) <b>John D. Spanagel</b></p>	<p><b>O Scale Models:</b> O gauge (Germany) <b>Wolfgang Dora</b></p> <p><b>Bussinger Trains:</b> Hobby Shop (Ambler, PA) <b>Charlie B. Bussinger</b></p> <p><b>Rokuhan (Toytec Corp):</b> Z gauge (Tochigi, Japan) <b>Takashi Tchikawa</b></p> <p><b>Berwyn Toys &amp; Trains:</b> Hobby Shop (Berwyn, IL)</p> <p><b>Rivarossi</b> acquires Lima</p> <p><b>National Council of 56 Clubs (NCC):</b> founded (Mesa, AZ) <b>Jack Skeels</b></p> <p><i>Greenberg Guide to Ives Trains O gauge, Vol.2:</i> (Greenberg Publishing) <b>F. Reichenbach</b></p> <p><i>From A Chicken Coop to Model Trains: The McCoy Story:</i> (The Main Event) <b>Mark Horne</b></p>
<b>YEAR</b>	<p>1989</p> 	<p>1990</p>	<p>1991</p>	<p>1992</p>
<b>TCA Genealogy</b>	<p>35<sup>th</sup> TCA Convention held at Sheraton Valley Forge, Valley Forge, PA (Atlantic Division)</p> <p><i>Lionel Trains: Standard of the World, 1900-1943:</i> published by TCA, 2nd Edition</p> <p>June 1989 – TCA members 21,825</p>	<p>36<sup>th</sup> TCA Convention held at Westin Peachtree Plaza, Atlanta, GA(Dixie Division)</p> <p>June 1990 – TCA members 22,944</p>	<p>37<sup>th</sup> TCA Convention held at Holiday Inn, Rosemont, IL (Mid-West Division)</p> <p>June 1991 – TCA members 24,031</p>	<p>38<sup>th</sup> TCA Convention held at Stouffer Concourse Hotel, St. Louis, MO (Ozark Division)</p> <p>June 1992 – TCA members 25,388</p> 
<b>Family Chronicle</b>		<p>1989 Lou admires MTH Founder's Set, #3 won at auction by Jody</p> 	<p>1991 Lou Redman celebrates his 75th birthday with friends and family</p> 	


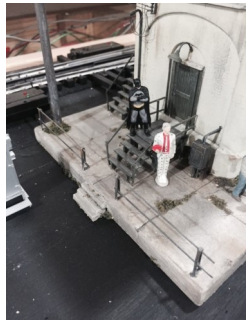
<p><b>Tillig:</b> TT, HO scale (Sebonitz, Germany)</p> <p><b>VintageTrains</b> acquires <b>Darstead</b></p> <p><b>John Trotta:</b> ca. 1990's custom O gauge (Stoneham, MA) <b>John Trotta</b></p> <p><i>Greenberg Guide to Toys:</i> (Greenberg Publishing) <b>Raymond Klein</b></p> <p><i>Greenberg Guide to Gilbert Erector Sets, Vol. 1 1913-32:</i> (Greenberg Publishing)</p>	<p><b>Photocraft:</b> O gauge (Vineburg, CA)</p> <p><b>Smokey Mountain Model Works, Inc:</b> S kits (Asheville, NC) <b>Jim King</b></p> <p><b>Lionel</b> develops O gauge <b>Trainmaster Command Control (TMCC)</b></p> <p><b>Robert Grossman Co:</b> Marx Parts &amp; accessories (Mentor, OH) <b>Robert Grossman</b></p>	<p><b>Lionel LLC:</b> O, Std gauge (Concord, NC) Lionel Corp. purchased by <b>Well-spring Associates LLC</b></p> <p><b>JLM Trains, LLC:</b> O, Std gauges, custom repaint (Freehold, NJ) <b>Joe L. Mania</b></p> <p><b>ACE Trains:</b> O gauge (London, UK) <b>Andries Grabowsky &amp; Allen Levy</b></p> <p><b>Century Models:</b> mid 1990's, O gauge (Australia) <b>Graham Holland</b></p> <p><b>eBay</b> founded by <b>Pierre Omidyar</b></p>	<p><b>Life-Like Products LLC:</b> HO scale (Baltimore, MD)</p> <p><b>Corgi</b> acquires <b>Bassett Lowke</b></p>	<p><b>Whittle Shortline:</b> Wood gauge (St. Louis, MO) <b>Mike Whitworth</b></p> <p><b>Google</b> registered as an internet domain, <b>Larry Page &amp; Sergey Brin</b></p> <p><b>Greenberg Guide to Am. Flyer Prewar O gauge:</b> (Greenberg Publishing) <b>Alan R. Schuweiler</b></p> <p><b>Greenberg Guide to Am. Flyer S gauge, Vol. 1:</b> (Greenberg Publishing) <b>Alan R. Schuweiler</b></p>
<p>1993</p> 	<p>1994</p> 	<p>1995</p> 	<p>1996</p> 	<p>1997</p> 
<p>39<sup>th</sup> TCA Convention held at Radisson Hotel, St. Paul, MN (Lakes &amp; Pines Division)</p>  <p><b>1993 Lou at St. Paul Convention</b></p> <p>June 1993 – TCA members 26,565</p>	<p>40<sup>th</sup> TCA Convention held at York Fairgrounds, York, PA (Eastern Division)</p>  <p><b>1994 York, PA 40th Convention</b></p> <p>June 1994 – TCA members 27,178</p>	<p>41<sup>st</sup> TCA Convention held at Red Lion Inn SEATAC, Seattle, WA (Pacific NW Division)</p>  <p><b>1995 Lou Redman &amp; Ward Kimball at Ward's home</b></p> <p>June 1995 – TCA members 28,026</p>	<p>42<sup>nd</sup> TCA Convention held at Hyatt Regency at Reunion, Dallas, TX (Lone Star Division)</p> <p>June 1996 – TCA members 28,572</p>	<p>43<sup>rd</sup> TCA Convention held at Hyatt Regency, Phoenix, AZ (Desert Division)</p>  <p><b>1997 O gauge Christmas Layout</b></p> <p>June 1997 – TCA members 29,323</p>
		<p><b>1996 Andy Anderson and Redman Christmas Layout</b></p> 		

<p><b>HISTORY</b></p>	<p><b>McCoy Trains:</b> Std gauge (Otis Orchard, WA) <b>Bob McCoy, Jr</b></p> <p><b>The Crossing Gate:</b> 1st edition, (Columbia, MD) MTH Rail Roaders Club</p> <p><b>Train America Products:</b> TMCC compatible (Canfield, OH) <b>Mike Regan</b></p> <p><b>Kohs &amp; Co Inc:</b> O brass (Clarkston, MI) <b>George W. Kohs, Jr.</b></p>	<p><b>SpongeBob Square Pants</b> cartoon (Nickelodeon)</p> <p><b>Choo Choo Track &amp; Toy Co:</b> wood trains (Pacific, MO) <b>Terry Herbek</b></p> <p><b>Stevenson Preservation Lines:</b> O scale kits (Burlington, IL) <b>Bob Stevenson</b></p> <p><b>Palace Car Co:</b> HO interior kits (Oak Harbor, WA)</p>	<p><b>American Z Line (AZL):</b> Z gauge (Arlington, VA)</p> <p><b>Dimestore Dreams:</b> Scale vehicles <b>Bill Hanlon</b></p> <p><b>Classic Trains Magazine, Vol 1 No 1, Spring 2000</b> (Waukesha, WI) Kalmbach Publishing</p>  <p>1999 Lou Redman at San Francisco Convention</p>	<p>September 11, planes crash into World Trade Centers in New York City, the Pentagon in Washington DC, and a field in Shanksville, PA.</p>
<p><b>YEAR</b></p>	<p>1998</p>	<p>1999</p>	<p>2000</p>	<p>2001</p>
<p><b>TCA Genealogy</b></p>	<p>44<sup>th</sup> TCA Convention held at Rhode Island Convention Center, Providence, RI (NETCA Division)</p>  <p>1998 Christmas Trolley Layout</p> <p>June 1998 – TCA members 30,187</p>	<p>45<sup>th</sup> TCA Convention held at Hyatt Regency Hotel, San Francisco, CA (Nor-Cal Division)</p>  <p>1999 Christmas Layout of Old Toys</p> <p>June 1999 – TCA members 30,981</p>	<p>Formation of <b>TCA Kid's Club</b></p> <p>August, Completion of expansion to National Headquarters building, including new space for <b>Toy Train Reference Library</b> and atrium.</p> <p>46<sup>th</sup> TCA Convention held at Amway Grand Plaza, Grand Rapids, MI (Great Lakes Division)</p> <p>June 2000 – TCA members 31,441</p>	<p>47<sup>th</sup> TCA Convention held at Marriott Chattanooga CC, Chattanooga, TN (Cottonbelt &amp; Dixie &amp; SouthEastern Division)</p>  <p>2000 Lou Redman at Chattanooga convention</p> <p>June 2001 – TCA members 31,586</p>
<p><b>Family Chronicle</b></p>				<p>2000 Christmas layout in Std Gauge</p>



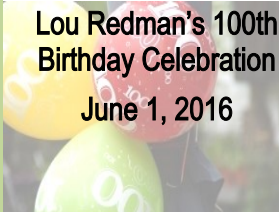
<p><b>La Grande Adventure du Train:</b> (France) Hachette Publishing</p> <p><b>TWH Collectibles:</b> vehicles (USA)</p>	<p><b>Thomas &amp; Friends :</b> Television Show (ITV Network, Britian)</p>	<p><b>RGS Limited Editions:</b> O custom (Old Forge, PA) <b>Robert Salerno</b></p> <p><b>Hornby</b> acquires <b>Rivarossi, Arnold, JEP, Joeuf, &amp; Lima</b></p> <p><b>Hornby</b> acquires <b>Pocher</b> and <b>Electrotren</b></p> <p><b>J.P.Morgan Partners</b> buys <b>Sanda Kan</b></p>	<p><b>American Dimestore:</b> plastic vehicles (Castro Valley, CA) <b>Bill Hanlon</b></p> <p><b>Life-Like</b> sold to <b>Walthers</b></p>	<p><b>R&amp;L Lines:</b> G, O, Std gauge (Green Bay, WI) <b>Bob Leonowicz</b></p> <p><b>Sunset Trains &amp; Toys :</b> O gauge (Traverse City, MI) <b>Jerry D. Loman</b></p> <p><b>Sanda Kan</b> buys <b>K-Line</b></p> <p><b>O Aust Kits</b> buys <b>Century Models</b></p> <p><b>Twitter</b> launched (San Francisco, CA) <b>Jack Dorsey, Noah Glass, Biz Stone, Evan Williams</b></p>
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2002	2003	2004	2005	2006
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<p>48<sup>th</sup> TCA Convention held at Pheasant Run Resort, St Charles, IL (Mid-West Division)</p>  <p><b>Painting of Lou Redman and Frank Petit at the NTTM by artist Angela Trotta Thomas</b></p> <p>June 2002 – TCA members 31,064</p> <p><b>Lou Redman, Sr.,</b> passes away on Feb 1 at 84 years old</p> <p><b>Daniel Jr</b> born in July. (Lou &amp; Jody Redman's 1st great grandson)</p>	<p>49<sup>th</sup> TCA Convention held at Double Tree Hotel, Ontario, CA (Western Division)</p> <p><b>Canadian Toy Train Assn (CTTA)</b> founded <b>David G. Cook, President</b></p>  <p><b>Lou Redman figure</b></p> <p>June 2003 – TCA members 31,152</p>	<p>Golden Express train set is released</p> <p>October. Highest attendance reached for York Meet at 16,000</p> <p>50<sup>th</sup> TCA Convention held at Radisson Hotel, Monroeville, PA (Ft. Pitt Division)</p> <p>June 2004 – TCA members 31,125</p>	<p>51<sup>st</sup> TCA Convention held at Doubletree Hotel, Seattle, WA (Pacific NorthWest Division)</p> <p>June 2005 – TCA members 30,858</p>	<p>52<sup>nd</sup> TCA Convention held at Crowne Plaza Hotel, San Antonio, TX (Lone Star Division)</p> <p>Formation of <b>Rio Grande Chapter, Desert Division</b></p> <p><b>Standard Gauge Module Association (SGMA)</b> founded <b>Jim Kelly &amp; Kirk Lindvig</b></p> <p><i>Train Collector Magazine:</i> TCS (UK)</p> <p>June 2006 – TCA members 30,424</p> <p><b>Emma</b> born. (Lou &amp; Jody Redman's 1st great granddaughter)</p>
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<b>HISTORY</b>	<p><b>Aquitrain:</b> O gauge (Astor, France) <b>Maurice Sygrove</b></p> <p><b>Great Recession</b> in December, burst of 8 trillion dollar housing</p> <p><b>Bachmann</b> acquires <b>Williams Trains</b> and promotes the new name as <b>Williams by Bachmann</b></p> <p><b>iPhone</b> introduced: (San Francisco, CA) <b>Steve Jobs</b></p>	<p><b>Extreme Trains</b> television show (History Channel)</p> <p><b>Hornby</b> acquires <b>Corgi</b></p> <p><b>National Train Day:</b> holiday started by Amtrak</p>	<p><b>Dinosaur Train:</b> television show (Craig Bartlett, Jim Henson Company)</p> <p><b>Great Recession</b> ends in June, real GDP and industrial production resume growth</p> <p><b>Kader Holdings</b> buys <b>Sanda Kan</b></p> <p><b>Auscision Models:</b> HO gauge (Castle Hills, NSW, Australia) <b>Peter Wilks &amp; Jack Ferguson</b></p>	<p><b>iPad</b> introduced (San Francisco, CA) <b>Steve Jobs</b></p> <p><b>Instagram</b> launched (San Francisco, CA) <b>Kevin Systrom &amp; Mike Krieger</b></p>
	<b>YEAR</b>	2007	2008	2009
<b>TCA Genealogy</b>	<p><b>October:</b> National Toy Train Museum's 20th Anniversary</p> <p>53<sup>rd</sup> TCA Convention held at Westin Westminster Hotel, Westminster, CO (Rocky Mountain Division)</p>	<p>54<sup>th</sup> TCA Convention held at Sheraton Burlington Hotel, Burlington, VT (NETCA Division)</p>	<p>55<sup>th</sup> TCA Convention held at JW Marriott Resort &amp; Spa, Phoenix, AZ (Desert Division)</p> <p>Formation of <b>Heart of America Chapter</b>, Ozark Division</p>	<p>56<sup>th</sup> TCA Convention held at Sheraton Hotel, Baltimore, MD (WB&amp;A Chapter, Eastern Division)</p>
	<p>June 2007 – TCA members 29,946</p>	<p>June 2008 – TCA members 29,598</p>	<p>June 2009 – TCA members 29,315</p>	<p>June 2010 – TCA members 28,881</p>
<b>Family Chronicle</b>		<p><b>Andrew</b> born. (Lou and Jody Redman's great grandson)</p> <p><b>Jody Redman</b> passes away at the age of 84</p>	<p><b>Lou Redman</b> bestowed the <b>NRMA Pioneer Award</b> at the 2009 NMRA convention in Hartford, CT</p>	

<p><b>Menards Trains:</b> O gauge (Eau Claire, WI) <b>John Menard Jr.</b></p> <p><b>Matchbook Signs by James:</b> Std gauge signs (Linden, VA) <b>James Hall</b></p> <p><b>National Take a Train to Work Day</b> started</p>			<p><b>Choo Choo Bob</b> Television Show (Qubo, Ion Media Networks)</p> <p><b>LCCA</b> merges with LRRC</p> <p><b>Tree Town Trains:</b> O gauge repaints (Ann Arbor, MI) <b>Steve Ramsburgh</b></p> <p><b>Caboose Hobbies:</b> (Denver, CO) named <b>World's Largest Model Train Store</b> by Guinness World Records</p>	
<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<p>57<sup>th</sup> TCA Convention held at Hyatt Regency Hotel, Sacramento, CA (Nor-Cal Division)</p> <p>June 2011 – TCA members 28,286</p>	<p>58<sup>th</sup> TCA Convention held at Renaissance Waverly Hotel, Atlanta, GA (Dixie Division)</p> <p>Formation of <b>UpState New York Chapter</b>, Eastern Division</p> <p>June 2012 – TCA members 28,141</p>	<p>59<sup>th</sup> TCA Convention held at Millennium Hotel, St Louis, MO (Ozark Division)</p> <p>June 2013 – TCA members 27,931</p>	<p>60<sup>th</sup> TCA Convention held at Crowne Plaza Philadelphia, Cherry Hill, NJ (Atlantic Division)</p> <p>June 2014 – TCA members 25,657</p>	<p>61<sup>st</sup> TCA Convention held at Doubletree Executive Center, Somerset, NJ (METCA Division)</p> <p>June 2015 – TCA members 24,599</p>
		<p><b>Charlotte</b> born. (Lou &amp; Jody Redman's great granddaughter)</p>		<p><b>Simon</b> born. (Lou &amp; Jody Redman's great grandson)</p>

<b>HISTORY</b>	<b>Caboose Hobbies:</b> (Lakewood, CO) Purchased by <b>Kevin Ruble</b>	<b>Thomas and Friends Wood:</b> (Fisher-Price) wood gauge (East Auro- ra, NY	<b>Amtrak</b> sets revenue and ridership records. 31.7 million trips	
	<b>YEAR</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>TCA Genealogy</b>	62 <sup>nd</sup> TCA Convention Hyatt Regency, Houston, TX (Lone Star Division)	63 <sup>rd</sup> TCA Convention Wyndam Grand Pittsburgh Hotel, Pittsburgh, PA (Ft. Pitt Division)  <b>TCA Life Membership</b> established	64 <sup>th</sup> TCA Convention Crowne Plaza, Warwick, RI (NETCA Division)	65 <sup>th</sup> TCA Convention Hotel Albuquerque Albuquerque, NM (Desert Division)
	June 2016 – TCA members 23,634	June 2017 – TCA members 22,950	June 2018 – TCA members 21,965	June 2019 – TCA members 21,029
<b>Family Chronicle</b>	 Lou Redman's 100th Birthday Celebration June 1, 2016			

2020	2021	2022	2023	2024
66 <sup>th</sup> TCA Convention Hyatt Regency Jacksonville, FL (Southern Division)	67 <sup>th</sup> TCA Convention	68 <sup>th</sup> TCA Convention	69 <sup>th</sup> TCA Convention	70 <sup>th</sup> TCA Convention
June 2020 – TCA members ____	June 2021 – TCA members ____	June 2022 – TCA members ____	June 2023 – TCA members ____	June 2024 – TCA members ____

### Difference between **GAUGE** and **SCALE**:

**Gauge** is the distance between the two rails of train track. **Scale** implies that the locomotive or car is a “scaled down” version of the real thing. [<http://www.nmra.org/beginner/scales>]. Depending on the manufacturer, article, reference, or resource you will see either gauge, gage, or scale used. In real railroading, gauge is measured as the distance between

#### **Additional gauge information:**

1 gauge	Track rails are spaced 1 <sup>3</sup> / <sub>4</sub> inches apart (44.45 mm)
2 gauge	Track rails are spaced 2 <sup>1</sup> / <sub>2</sub> inches apart (64 mm) in 1891 and then standardized to 2 inches apart as of 1909. This is the most variable of track gauges.
2 <sup>7</sup> / <sub>8</sub> gauge	(Resembles Lionel’s Super O track)
3 gauge	New descriptor for 2 <sup>1</sup> / <sub>2</sub> inches apart (64 mm) when 2 gauge was standardized to 2” in 1909
3 <sup>1</sup> / <sub>4</sub> gauge	Typically used by Buddy L
Clockwork	A mechanism of geared wheels driven by a wound spring
Floor gauge	These tracks have a range of rail widths, however they all run on a smooth floor
G gauge	Track rails are spaced 1:22.5 used to model European trains that run on 1,000 mm (3 ft 3 <sup>3</sup> / <sub>8</sub> in)
HO gauge	Track rails are spaced .65 inches apart (16.5 mm)
Live Steam	Track rails for large ride-on trains range from 2 <sup>1</sup> / <sub>2</sub> inches (64 mm) to 15 inches (381 mm)
N gauge	Track rails are spaced .354 inches apart (9 mm)
O gauge	Track rails are spaced 1 <sup>1</sup> / <sub>4</sub> inches apart (31.75 mm)
OO gauge	Trains built to a scale of 4 mm = 1 foot (1:76) and run on HO scale track 1:87 (3.5 mm = 1 foot)
Plastic gauge	These trains are built to run on track specifically designed by the manufacturer
S gauge	Track rails are spaced .883 inches apart (22.43 mm)
Standard gauge	Term trademarked by Lionel Mfg, tracks rails are spaced 2 <sup>1</sup> / <sub>8</sub> in. apart (53.975 mm)
T gauge	Track rails are spaced .118 inches apart (3 mm)
TT Scale	Track rails are spaced .471 inches apart (12 mm)
Wide gauge	Tracks are spaced 2 <sup>1</sup> / <sub>8</sub> inches apart (53.975 mm) Lionel's competitors use this to describe their Standard gauge similar offerings.
Wood gauge	Track has rail grooves which are typically 3 mm deep, 5 mm wide & have 20 mm in between [Wikipedia], however each wood gauge manufacturer has a track patent making compatibility an issue.
Z gauge	1:220; Z, built in 1972, is a very small scale with a track gauge of 6.5 mm/0.256 in.

Gauge (Gage) Descriptors: compiled 3/4/68 by John C. Felber, TCA 67-1949.

TRACK GAGES				
Name	mm.	inches	Comment	Proportion Scale
HOn2	7	.276 or apx. 1/4"	Uncommon Narrow Gage	1/87 3.5mm
HOn2 1/2	9	.354 or apx. 3/8"	N Gage, Postage Stamp, Micro (000 in U.K.)	1/160 3.5mm
OO	9	.354 or apx. 3/8"	Same as above with different scale	1/152 2mm
Sn2	9	.354 or apx. 3/8"	Very close to above two	1/64 2mm
HOn3	10.5	.413 or apx. 7/16"	Popular scale gage	1/87 3.5mm
TT	11.9	.471 or apx. 1/2"	NMRA Standard for this gage	1/120 1/10"
HOnTT	12	.472 or apx. 1/2"	HOn but with TT trucks	1/87 3.5mm
TT-12	12	.472 or apx. 1/2"	(TT 12 in U.K., TT3mm in Europe)	1/120 1/10"
On2	12.7	.500 or 1/2"	Half inch scale gage	1/87 1/4"
Sn3	14.3	.5625 or 9/16"	Popular scale gage	1/64 3/16"
On2 1/2	16.5	.650 or apx. 5/8"	HO Gage (OO in U.K.)	1/87 3.5mm
OO	19	.748 or apx 3/4"	This is Prewar Lionel OO Gage	1/76 4mm
On3	19.05	.750 or apx. 3/4"	NMRA standard for OO Gage	1/76 4mm
S	22.20	.875 or 7/8"	S Gage, most famous for American Flyer Tinplate	1/64 3/16"
Q	29.90	1.177 or apx. 1 3/16"	Modified O Scale	1/48 1/4"
1/4AAR	30.16	1.188 or 1 3/16"	Fine O Scale	1/48 17/64"
O	31.8	1.25 or 1 1/4"	O Gage, O-72, O-27 (1/64, 3/16")	1/45 1/4"
O	32.0	1.26 or apx. 1 1/4"	(O Gage in U.K. and Europe)	1/45 11/40"
No. 1	44.45	1.75 or 1 3/4"	Old Number One Gage	1/32 3/8"
Std.	53.98	2.125 or 2 1/8"	Standard Gage (2 1/4" is incorrect)	1/27 7/16"
1/2	63.5	2.50 or 2 1/2"	Small Outdoor Gage	1/24 1/2"
2 7/8	73.03	2.875 or 2 7/8"	Old Lionel Trolley Gage	1/24 1/2"
3 1/4	82.55	3.25 or 3 1/4"	Old "Buddy L" Gage	1/16 3/4"
3/4	88.90	3.50 or 3 1/2"	Outdoor Gage	1/16 3/4"
1	120.65	4.75 or 4 3/4"	Outdoor	1/12 1"
1 1/2	190.50	7 1/2"	Outdoor Gage	1/8 1 1/2"

Train collectors may find this chart useful in determining gages that may be obsolete, foreign made or scale gages produced in a limited quantity. Width is measured from the inside faces of the outer rails. Proportion and scale shown are the most common for the U.S.A. Compiled 3/4/68, John E. Felber, TCA 67-1949

Note: Train collectors may find this chart useful in determining gages that may be obsolete.. Foreign made or scale gages produced in a limited quantity. Width is measured from the inside faces of the outer rail. Proporation and scale shown are the most common for the U.S.A. Compiled 3/4/68. John E. Felber, TCA 67-1949

**Gauge Chart**—This chart defines the range of gauges in toy trains. It includes the gauge, Manufacturer name, and year of initial appearance of the company. It does not indicate that the gauge started in that year.

GAUGE	MFG.	YEAR	GAUGE	MFG.	YEAR
<b>1 Gauge</b>	Bub	1851	<b>1 Gauge (continued)</b>	Leeds	1912
	Issmayer	1861		Bar Knight	1915
	Bing	1863		Jubb	1915
	Ives	1868		Millbro	1919
	Rossingol	1868		Exley	1922
	Nochfolger	ca. 1870		Corcoran	1924
	Beggs	1871		AMRACO	1927
	Schoenner	1875		Randall	1929
	Marklin	1891		Fulgurex	1947
	Carrette	1895		Wabu	1970
	Bassett Lowke	1899		Sunset	1975
	Elektoy	Early 1900's		Renzo-Dottori	1981
	Carson	1905		Transportation Milestones	1985
<b>1<sup>7/8</sup> Gauge</b>	Garlick	1895	<b>1<sup>7/8</sup> Gauge (continued)</b>	Archangel	1968
	Rich Art	1966			
<b>2 Gauge</b>	Nochfolger	ca. 1870	<b>2 Gauge (continued)</b>	Bassett Lowke	1899
	Schoenner	1875		Lionel	1900
	Marklin	1891		Smith & White	1901
	Knapp	1895		Voltamp	1903
	Carrette	1895		Howard	1904
	Carlisle & Finch	1896		Carson	1905
<b>2<sup>1/8</sup> Gauge</b>	Boucher	1922			
	Voltamp	1922			
<b>2<sup>1/4</sup> Gauge</b>	Boucher	1922			
<b>2<sup>7/8</sup> Gauge</b>	Lionel	1900			
	McCoy	1957			
<b>3 Gauge</b>	Plank	ca. 1866	<b>3 Gauge (continued)</b>	Carrette	1895
	Marklin	1891		Carson	1905
<b>3<sup>1/4</sup> Gauge</b>	Buddy L	1910			
<b>4 Gauge</b>	Carson	1905			
	Dayton Dinky	1922			
<b>8 Gauge</b>	Plank	ca. 1866			



<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>	<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>
<b>Cast Iron</b>	J&E Stevens	ca. 1843	<b>Cast Iron (continued)</b>	Dowst	ca. 1890
	Ives	1868		Buffalo	1890
	Shimer	1875		Kenton	1890
	Pratt & Letchworth	1883		Dent Hardware	1898
	Wilkins	1890		AMRW	1907
<b>Clockwork</b>	Brown	1856	<b>Clockwork (continued)</b>	CKO	1910
	Rossingol	1868		Wynadotte	1920
	Paya	1900		Le Rapide	1927
	Acme	1903		Joy	1927
	Hafner	1905		Walker Fenn	1929
	AMRW	1907		Metalma	1930's
	American Flyer	1908		Knox & Floyd	1967
<b>Floor Gauge</b>	J&E Stevens	ca. 1843	<b>Floor Gauge (continued)</b>	Rossingol	1868
	Merriam	1851		Fallows	ca. 1870
	Hull & Stafford	ca. 1856		Schoenner	1875
	Marklin	1858		Wilkins	1890
	Plank	ca. 1866		Joy	1927
	Althof & Bergmann	1867		Brio	1958
	Stevens & Brown	ca. 1868			
<b>G Gauge</b>	LGB	1968	<b>G Gauge (continued)</b>	Charles Ro	1982
	Bachmann	1968		T. Milestones	1983
	Coach	1974		Lyle Cain	1987
	Sunset	1975		USA Trains	1987
	Glenn	1977		Aristocraft	1988
	K-Line	1979		McCoy	1988

GAUGE	MFG.	YEAR	GAUGE	MFG.	YEAR
<b>HO Gauge</b>	JEP	1899	<b>HO Gauge (continued)</b>	Atlas	1947
	SIF	1899		Liliput	1947
	Hornby	1901		Fulgurex	1947
	Meccano	1908		MDM	1948
	Marx	1919		Paya	1948
	Atlas Tool	1924		Pocher	1949
	Märklin	1926		Tri-Ang	1951
	AMRACO	1927		Electrotren	1951
	Walthers	1932		BerBel	1956
	Pittman	1935		US Hobbies	1956
	Marklin	1935		Kato	1957
	Varney	1936		Roco	1960
	Tyco	1937		Treco	1963
	A.C. Gilbert	1938		Concept	1966
	Athearn	1938		Bachmann	1968
	Fleischmann	1938		Ibretren	1973
	Red Ball	1939		USTTC	Early 1970's
	General Motors	1943		Wabu	1970
	HAG	1944		Sunset	1975
	Rivarossi	1945		Gloor Craft	1983
Wardie Jay	1945	Vintage Trains	1991		
Bowser	1946	Tillig	1993		
VB	1946	Lifelike	1996		
Penn Line	1947	Auscision	2009		

<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>	<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>
<b>Large Scale</b>	Bachmann	1968			
<b>Live Steam</b>	Issamayer	1861	<b>Live Steam (continued)</b>	Mamod	1937
	Beggs	1871		Wilesco	1950
	Weeden	1883			
<b>N Gauge</b>	Trix	1935	<b>N Gauge (continued)</b>	Arnold	1962
	Fleishmann	1938		Quality Craft	1965
	Lone Star	1939		Weaver	1965
	Bowser	1946		Bachmann	1968
	Atlas	1947		Walthers	1970
	Fulgurex	1947		Wabu	1970
	Lima	1948		Märklin	1972
	Pocher	1949		Ibretren	1973
	Electrotren	1951		Sunset	1975
	Kemtron	1954		Gloor Craft	1983
	BerBel	1956		Dapol	1983
	Kato	1957		Metcalfe Models	1991
	Roco	1960			
<b>O 27 Gauge</b>	SIF	1899	<b>O 27 Gauge (continued)</b>	Thomas	1949
	JEP	1899		MDK	1975
	Edmonds-Metzel	1906			
<b>on 30 Gauge</b>	Bachmann	1968			
<b>OOO Gauge</b>	Lone Star	1939			

GAUGE	MFG	YEAR	GAUGE	MFG	YEAR	GAUGE	MFG	YEAR
O Gauge	Bub	1851	O Gauge (continued)	Burnett	1914	O Gauge (continued)	Walthers	1932
	Caron	1858		BMTM	1914		Mettoy	1932
	Bing	1863		Betts	1915		Scale Craft	1933
	Rossingnol	1868		Jubb	1915		Newark	1934
	Ives	1868		Lionel	1915		Pittman	1935
	Nochfolger	ca.1870		Western Coil	1915		Hawk	1936
	Moko	1875		Bar Knight	1915		Mamod	1937
	Schoenner	1875		Unique	1916		Athearn	1938
	Potier	1876		Lowenstein & Zumer	1917		A.C. Gilbert	1938
	Belz-Zindorf	ca. 1880		Welso	1919		Fleischmann	1938
	Weeden	1883		Ingap	1919		HAG	1944
	Marklin	1884		Marx	1919		Mattel	1945
	WH Hall & Son	1884		Marescot	1920's		Eletren	1946
	Bonds OEuston	1887		Fournereau	1920		Atlas	1947
	Marklin	1893		Schuman	1920		Fulgurex	1947
	Duclos	1895		Gely	1920		American/Auburn	1948
	Carrette	1895		Aludo	1920		Lima	1948
	Doll	1898		Wynadotte	1920		MDM	1948
	Meccano	1898		Gandler	1921		Maurlyn	1948
	Bassett-Lowke	1899		Miniature Repro	1922		Colber	1948
	JEP	1899		Girard	1922		Lego	1949
	Paya	1900		Crescent	1922		Robilt	1949
	Ukralezciznik	1901		Exley	1922		Tri-Ang	1951
	Hafner	1901		Corcoran	1924		CCCP	1951
	Hornby	1901		Dorfan	1924		Clauser	1953
	Pata	1903		Windsor	1925		Phoenix	1953
	Edmonds-Metzel	1906		Mantua	1926		Pocher	1954
	Arnold	1906		LeRapide	1927		Kemtron	1954
	AMRW	1907		AMRACO	1927		Kusan/Auburn	1954
	American Flyer	1908		Edobaud	1928		US Hobbies	1956
	Fandor	1910	Katz	1928	BerBel	1956		
	Odor	1910	Metalma	1930's	Pola	1957		
	CKO	1910	Winner	1930	Riko	1959		
	Leeds	1912	Seki/Sakai	1930	King	1960		
	Tipp & Co	1912	White	1930	Kendall	Mid 60's		
	Whiteley	1912	Mercur	1931				
						<b>Continued on next page</b>		

GAUGE	MFG	YEAR	GAUGE	MFG	YEAR	GAUGE	MFG	YEAR
O Gauge	Westside	1964	O Gauge (continued)	MDK	1975	O Gauge (continued)	Vintage Trains	1991
	Auld	1965		Morris	1975		Metcalfe Models	1991
	Weaver	1965		Pride Lines	1976		O Scale	1992
	Quality	1965		Tin Town	1976		Photocraft	1994
	Rich Art	1966		JDL	1978		JLM Trains	1995
	Darstead	1966		K-Line	1979		ACE Trains	1995
	Rovex	1966		AS Trains	1980		Lionel LLC	1995
	Bachmann	1968		Renzo Dottori	1981		Century Models	1995
	Kris	1968		IHC	1981		Kohs & Co	1998
	Archangel	1968		J. Loman	1982		Stevenson	1999
	USTTC	Early 70's		Gloor Craft	1983		RGS Limited	2004
	Williams	1971		Lyle Cain	1987		R & L Lines	2006
	MTH	1973		C & M	1988		Sunset Trains	2006
	Sanda Kan	1973		John Trotta	ca. 1990's		Aquitrain	2007
	Sunset	1975		ETS	1990		Menards	2011
		Kiss Modellbahnon	1990	Tree Town	2014			

GAUGE	MFG.	YEAR	GAUGE	MFG.	YEAR
<b>OO Gauge</b>	Hornby	1901	<b>OO Gauge (continued)</b>	Rivarossi	1945
	Meccano	1901		Liliput	1947
	Bing	1920		Kader	1948
	Exley	1922		Paya	1948
	Crescent	1922		Lima	1948
	Mantua	1926		G & R	1950
	ScaleCraft	1933		Tri-Ang	1951
	Hawk	1935		Dapol	1983
	Jouef	1944		Metcalfe Models	1991
<b>Plastic Gauge</b>	Fisher Price	1930	<b>Plastic Gauge (continued)</b>	Tomy	1959
	Mattel	1945			
<b>Pull Trains</b>	Lutz	1846			
	Hess	ca. 1850			
	Paya	1900			

<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>	<b>GAUGE</b>	<b>MFG.</b>	<b>YEAR</b>
<b>Ride On Gauge</b>	Buddy L	1920			
	Corcoran	ca. 1920			
<b>S Gauge</b>	JEP	1899	<b>S Gauge (continued)</b>	Bachmann	1968
	SIF	1899		Sunset	1975
	American Flyer	1908		Tin Town	1976
	A.C. Gilbert	1938		Continental	1977
	Bub	1945		CMT	1978
	Concept	1966		K-Line	1979
	Paya	1948		Lionel	1970
	Colber	1948		Smokey Mountain	1994
<b>Standard (Std) Gauge</b>	Ives	1868	<b>Standard (Std) Gauge (continued)</b>	Lee	1975
	Lionel	1900		Lion Lines	ca. 1975
	Buffalo	1926		Tin Town	1976
	Shops of Bridgeport	1928		JAD	1976
	Lobaugh	1931		Pride Lines	1976
	McCoy	1957		Glenn	1977
	Thorley Hoople	1965		JE Harmon	1977
	Rich Art	1966		CMT	1978
	Roberts	1968		Liberty	1979
	Classic Model	1969		Transportation Milestones	1985
	Templin	1970		T. Reproductions	1985
	Williams	1971		Lyle Cain	1987
	MTH	1973		Smith Metal	1988
	Varney	1974		C & M Enterprises	1988
	Gold Standard	1974		Smith Loco Works	1991
	Brown	1975		JLM Trains	1995
	Forney	1975		McCoy Jr Trains	1998
				R & L Lines	2006

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<b>TT Table Top Gauge</b>	Rokal	1947	<b>TT Table Top Gauge (continued)</b>	Tri-Ang	1951
	Zeuke	1949		VEB Berliner	1972
				Tillig	1993
<b>Wood Gauge</b>	Bliss	1870	<b>Wood Gauge (continued)</b>	Skaneateles	1936
	Leeds	1912		Maple Landmark	1984
	Schoenhut	1928		Whittle	1997
	Strombecker	ca. 1930		Choo Choo	1999
<b>Wide Gauge</b>	Ives	1868	<b>Wide Gauge</b>	Fandor	1910
	Marklin	1859		American Flyer	1925
	Edmonds-Metzel	1906		Dorfan	1924
				Rich Art	1966
<b>WindUp Gauge</b>	Distler	1895	<b>WindUp Gauge (continued)</b>	Mettoy	1932
				Knox & Floyd	1967
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