FRRS Website 2019 Update

- Paul Finnegan, Webmaster

In addition to keeping the website current and up-to-date, I continued to enhance and expand the society's website in 2019. Some of the bigger items are listed below.

•　　There is a webpage that is a depository for the material related to the FRRS Board Meetings and I added a Google Custom Search Engine to it so a user can do a Google Search on just the board material. Two additional features added to this page were all the material for a specific years grouped together and a cumulative list of reports to aid in a user looking for a specific topic.

•　　In 2018 I created a proof-of-concept page at teespring.com with a FRRS/WPRM coffee mug. In 2019 I expanded this to include tee-shirts and sweatshirts. In 2019 this produced $226.58 profit that was credited to the society's general fund.

•　　Working with Kerry Cochran and Loren Ross, I completed a project that automates the creation of our Operating Department Rule Exam books and supports an online version of the annual rules examination. When a crewmember registers for crew training online, they are sent an email with an invitation to take the rules examination online. After they complete the online examination, it is automatically scored and the crew training records database is updated.

•　　I worked with Eugene Vicknair and his team to promote the 2019 Rotary Run. I created a news item web page that I updated several times about the event. The page had links to the eBay auction, the ticket sales at eventbrite.com, general information about the event and a brief history of the SPMW 208. The news item web page was viewed 1,174 times.

•　　I created a new Museum Tour item for the Wig-Wag signal.

•　　Several of our photo galleries on the WPRM Photo & Video Gallery page have grown and the performance on mobile devices had become very degraded. I re-engineered how the mobile page is created that significantly reduces the amount of data that the page must initially load. For example, for the Painting & Restoring the WP 1503 mobile page, the data downloaded was reduced from 30.35 MB to 3.6 MB, an 88% reduction. This significantly improves the mobile performance. I added a new feature that clicking on the mobile version's photos opens the full hi-res photo so people could download it if desired. I have recreated all of the 57 mobile galleries to use the new methodology.

2018 Top Web Pages Total pageviews in 2019 = 149,846		
	Pageviews	%
WPRM Home	27510	18.36%
WPRM Webcam	23646	15.78%
WPRM RAL	6334	4.23%
SN Home Page	4656	3.11%
WPRM-Collection	4952	3.30%
SN Pages	2967	1.98%
WPRM - Archives	2865	1.91%
WPRM Trainride	2808	1.87%
WPRM Locomotives	2580	1.72%
WPRM Visit Us	2449	1.63%
WPRM-Calendar	2141	1.43%
2018 Convention	1800	1.20%
WPRM Steam	1688	1.13%
WPRM Santa Trains	1586	1.06%
Pumpkin Trains 2018	1271	0.85%
WPRM - RAL	1101	0.73%
Train Sheets	989	0.66%

2019 Top Web Pages Total pageviews in 2019 = 149,392		
	Pageviews	%
WPRM Webcam	27650	18.51%
WPRM Home	27345	18.30%
WPRM RAL	7414	4.96%
SN Home Page	3353	2.24%
WPRM-Collection	4185	2.80%
WPRM Locomotives	2593	1.74%
WPRM Trainride	2522	1.69%
WPRM - Archives	2430	1.63%
WPRM Visit Us	2226	1.49%
WPRM Steam	1582	1.06%
WPRM Santa Trains	1309	0.88%
Rotary Run 2019	1223	0.82%
Train Sheets	1090	0.73%
WPRM-Calendar	1090	0.73%
Minutes & Reports	947	0.63%
WPRM Museum Tour	926	0.62%
Pumpkin Trains 2019	922	0.62%