To: FRRS Board of Directors
From: Paul Finnegan, *Train Sheet* Editor
Re: *Train Sheet* Report
Date: October 6, 2020

July/August/September 2020 Issue #186

The articles in our current issue are:
- Help us repaint WP 705 back to "Perlman Green"!
- Membership Report
- Historical/Archive Department
- Things Around the Museum: The MILWARD Switch
- Departure - Jim Ley
- What the heck was POLING?
- Membership Spotlight - Philip J. (Phil) Schmierer
- Latest on the WP165
- Support the FRRS when you shop at Amazon!
- WP 705's Journey Home
- Departure - Barbara Holmes
- SN Lives!
- Museum Sponsors
- New Website Service Provider
- FRRS/WPRM Updated Equipment Roster September 2020
- Membership/Mission Statement/Goals/Admissions/Fares

Cost of this issue and small balance due from previous issue:

Train Sheet issue #186 550 sets of 12 pages 8.5x11 two sided black, printed on 60lb. white	$625.00
Collate and saddle stitch Imprint names and deliver to Post Office for mailing ~460 pieces-Postage	$318.00
4 pieces mail overseas	$21.85
Balance due from issue #185	$1.63
Total:	**$1,022.73**

Statistics for this issue:
> 550 copies printed
> 457 US Mail (plus 3 hand delivered)
> 4 International Mail
> 185 email

Timeline for this issue:
- 10/1/20 – Review copy sent out to review team.
- 10/2/20 – Received Membership Files from Susan's office.
- 10/2/20 – Requested and received invoice from Pine Press.
- 10/4/20 – Second (and final) review copy sent out to review team.
- 10/5/20 – Sent invoices to Susan's office for payment to Pine Press.
- 10/5/20 – PDF sent to Pine Press, proof approved and email delivery copies sent.

In sending the email delivery *Train Sheet*s, I used a new tool I created on the PhirePhly Design web server system, send_bulk_email.sh. Given text files with the address list and email body, and the PDF file for the *Train Sheet*, it sends the emails (185 in this case) automatically one at a time directly using our vesa02.kjsl.com email appliance server. Previously our bulk emails had to be done in smaller batches as a bcc list going through Hostmonster by hand. Hostmonster has set limits on how many emails could be sent within certain time periods so it took a couple hours to get them all sent.

Additionally using the Hostmonster mail server we had very poor email authentication and some of our members' *Train Sheet*s were getting bounced by their local ISPs. Now our emails "Pass" both SPF (Sender Policy Framework) and DKIM (Domain Keys Identified Mail). These are email authentication techniques that allows the receiver to check that an email was indeed sent and authorized by the owner of that domain. Previously, our emails through Hostmonster would be "NEUTRAL" SPF and "FAIL" DKIM. This made our emails look very suspect to spam filters.