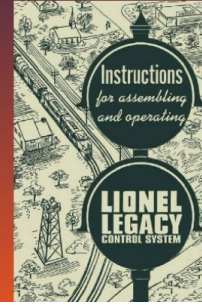




Welcome to the 4th Semi-Annual  
**Lionel Legacy**

Users Gathering  
October 16th, 2009



**FRIDAY, OCTOBER 16, 2009** ★ **8:00 - 10:00 AM**

**ALEXANDER'S FAMILY RESTAURANT**

840 Carlisle Rd • York, PA 17404 • Telephone (717) 846-1041

One block from Fairgrounds rear entrance • Downstairs banquet room (ask for Paula).

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**AGENDA:**

*The Lionel Legacy Users' Group Meeting is not associated with Lionel Trains in any way other than sharing the enjoyment and trading information related to operating the Lionel Legacy System.*

- Welcome & introductions
- Reminder that each individual is responsible to order and pay Paula and her hard-working staff for breakfast (plus a generous tip if you were happy with the service).
- Read 9-27-09 OGR Forum post from Jon Zahornacky: *"I have tried to keep the forumites updated on progress with the Cab-2 and range concerns at regular intervals. I will recap the current status. We have been trying several concepts to address the range. Most of these concepts trade off the increased range by slowing down the data rate and adding additional error correction information in the packets. We have not settled on the final approach to resolving this concern, however we have seen an improvement in house and at several test sites. The 2.4 GHz spectrum is very crowded; and the hardware has limits. I wish these limits did not exist, however they do exist. I find it interesting that after replacements of the Legacy system, some folks are seeing an improvement. The questions that come to mind are: the channel setting, battery state, etc, that could be responsible for the improvement. Please understand, there are no hardware or software changes on the replacements from Consumer Services. Folks know my commitment to this hobby, and I will keep everyone informed of any progress worth reporting. We can, and will, bring you a preview of the new features at the Legacy Users Group meeting at October York. Feedback is appreciated, and just note the date for any official release is unknown as of today. I ask your patience, and rest assured that when any improvements are fully ready we will get them to everyone. My goal is this year, however quality is priority one."*  
Jon, CTO, Lionel LLC
- Opening comments by Mike Reagan, Lionel Customer Service
- Fred Standa, Lionel Legacy beta tester, will speak on features, functions, and progress of Legacy version 1.x.

## QUESTIONS FOR LIONEL:

1. Status of next Legacy update?
  2. Which issues next update will and won't be addressed?
  3. Status of battery charging issues?
  4. Planned new features to be available in Vision Line products that you can announce?
  5. Anything you can now tell us about the black Legacy modules project?
  6. Status of "TrainLink" function and/or ability to store 5 engines into the 5 keys under the display for one-touch addressing?
  7. Status of addressing more than 99 engines?
  8. Status of fix for the wheel flange problem?
  9. Status of fix for the random electro-coupler firing problem?
  10. TPC shutting down when running pulmor motor engines?
  11. Does Lionel plan on making service station manuals and test equipment available to the general public for testing various boards and such?
  12. Will Lionel offer the Cab 2 handheld controller alone without the charger base?
  13. Please explain what conditions cause the Radio Link Warning Light to come on? Are the two reasons given on page 63 in the v1.2 manual the only reasons, or is something else going on? Like maybe a problem with the Legacy Base or a software/firmware glitch? What is the fix if a problem is acknowledged?
  14. Other questions?
- Legacy demo on small test track

## **REPRISE OF PREVIOUS AGENDA ITEMS (IF TIME PERMITS):**

- 15.** Ways to improve radio signal strength:
  - Install a Hawking or similar external antennae to extend range
  - Install true earth ground planes wherever weakened signals occur
  - Place base close to layout center to optimize signal distance limitations (35-40')
  - Place base to avoid obstructions (corners, columns, equipment, etc.)
- 16.** How to downgrade and upgrade between 1.2 and 1.0 using the included modules; also discussion on base reloads.
- 17.** Ground planes for Legacy – how are they different, and highlight of techniques.
- 18.** What to do when you get a timeout or “base not found” indication on your Legacy remote.
- 19.** Connecting your old TMCC base to the Legacy bases – value of and how to do it.
- 20.** ZW Legacy issue and the chip from Lionel.
- 21.** Legacy features & functions (with a demo if we once again have a bit of track and some engines to run).
- 22.** Connecting Legacy to DCS – how to do it, and the results to expect if you plan to use the DCS controller to operate your trains.
- 23.** Legacy products we'd like to see Lionel make:
  - a.** Locomotives
  - b.** Operating cars
  - c.** Accessories

Door prizes

Q&A – If any time remains, general Q&A.

Wrap-up – thanks

- Request for feedback as to value of meeting and whether we should plan to hold another one in April, 2010