



The Lionel Legacy Users Group Meeting

Friday April 28th, 2017 7:45 AM-8:45

Orange Hall Meeting Room

(Enter through the Orange Hall Lobby and right of the concession stand, down the hallway)

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

Questions were many this spring as several new products have ramped up including Bluetooth items. We will answer the questions submitted via the OGR Forum. This spring Dave Olsen, Lionel's Engineering Manager will tackle the questions and give you an up to date response.

Next time permitting we hope to review an underutilized program in the Legacy Family. The LSU program. We will quickly review the process for making System Modules, Multi-Engine Modules, as well as a database backup.

Time permitting we will review the Sensor Boxcar. This was released shortly after the fall meeting. While we may not get an on-track demonstration we will cover the features and do a brief discussion on programming it.

We also may have a surprise.

Q) Will there be an Icab equivalent for android users like myself who have no intention of ever getting any "I" things?

Q) Between approx. 1998 and 2008, Lionel used "Box" infrared sensors for communication between steam locomotives. Starting in 2008 and to this day, the sensors are "eyelet" sensors. Was there a "legacy" reason for this switch, or purely commercial?

Q) Do all legacy engines have rule 17 lighting? I noticed that some older (2007ish) legacy engines do not have rule 17 lighting.

Q) Is it possible that the footprint of the legacy board could be made smaller for other scales (for example, HO scale)?

Q) Some Legacy engines, even to this day, have "railsounds lite." Is there any difference between "railsounds lite" and legacy railsounds 5.0, 5.5, 6.0 and later?

Q) Is there a parts list for the Vision Reefer sets (item numbers 6-81142, 6-83545, and 6-83549)?

Q) When TMCC 1 and TMCC 2 (Legacy) engines are having signal problems (as evidenced by flickering headlights) there is a trick called the "hand trick" which is when you hold your hand right above the locomotive with signal problems, it temporarily regains signal. Why does this trick work? (I tried to be as descriptive as possible.)

Q) Any plans for a Lionel LCS insulated rail detector device for detecting trains/cars to send info over LCS for use for CTC, signals or computer.

Q) When or if will we see the road specific dialog with the engines road name and number in the crew talk? I really miss that feature.

Q) I like to create a TRain with 2 engines not coupled into the same train. I do this so that I can maintain the same distance between both trains at all times! The ability to assign the horn/whistle to both trains is fun, but when you create a train like this the base thinks the second engine is a slave to the first and turns off the headlight. You can call up the second engine by its ENG ID and turn the headlight back on but when you toggle back to the TRain and give it a command the second engine's light goes back off. Can you create a way for the base to recognize that this operation is in fact NOT an MU but rather 2 separate trains? Maybe install a "space" on the CAB 2 in the build screen so that the base will recognize this as a different operation than an MU.

Q) Can you make the Aux 3 button operate the city horns on engines equipped with both horns and whistles like the GS-2, GS-4, AC-12. I swear I recall on my old first generation Legacy GS-4 that there was a horn icon on the CAB2. Maybe I am not remembering that properly. Regardless pushing two buttons to operate the horn is a bit of nuisance.

Q) I use the LCS in conjunction with BPC2s and ASC2. The system works great and I love the custom control panels....very handy! I also use Legacy Powermasters to control my power districts. Is there a "digital" toggle button in LCS so that I can control also the Powermasters with my iPad? If there is one I have never found it.

Q) Please consider/develop more uses for the sensor tracks. That product is underutilized at the moment. How about breakdown units that have various time bomb features that trigger after the engine crosses over the sensor track x number of times? Can the sensor track communicate with ASC2s? Can an engine crossing over the sensor track trigger an accessory to operate?

Q) There is another "trick" around the forum called the "cell phone trick." Using a mobile device with a camera aimed directly at the IR sensor on the locomotive so equipped, a "purple or red screen" indicates that the IR is working. Why does that work?

Q) Why did Lionel move from Modular Legacy boards to the RCMC and what is the history that can be given about that?

Q) Any word on having Bluetooth on Legacy higher end engines?

Q) Do any of the 3rd party apps run the Lionel Bluetooth engines? (

Q) Any way to use the Bluetooth to transmit the engine sounds so they can be played over a BT speaker, headphones or computer sound system?

Suggestion) Please consider making an STM that will communicate the position of points of switches controlled by DZ2500s to LCS! I was bummed that the STM2 did not do that.

Q) MTH announced their full premium app is coming out soon. Any thoughts on the reports that the DCS WiFi App will be able to operate Legacy Engines in Legacy mode. Was there any cooperation in the development of the Legacy control portion of their App? Did they sign up as a LCS Partner?

Q) Why not make the trains (engines) two way on messages? Give the ability to ask the engines for some info and get something back while running on the track? Not sensor track, don't give that as the answer Dave.

Q) Likewise a future revision of switches could include that they know their state (straight, or turn -- left/right for Ys) innately ... instead of using the stm2 thing for that...

Q) Next up the lcs wifi is nice but the interface is low-level to get at the LCS packets. It's all well and good but maybe a "cooked" higher level interface could be created there -- easing developers and adoption... ?

Q) Finally, can we get quieter fastrack on the development path? I know, I ask for so little...

General Q&A with Dave Olsen Lionel Engineering Manager and Dean Brasseur Lionel Head of Customer Service.

LSU review of some of the more useful features. (Time Permitting)

- Review the process for creating System Modules
- Review process for the "Multi-Engine Module
- Review the process of backing up the database.

Sensor Boxcar Review. (Time Permitting)

- Programming the car to work with a non-sensor equipped Legacy Engine
- Programming the car to work with a TMCC engine and how the REC function is used.
- Some of the operational Tricks

At this time we will conclude the meeting. If anyone needs system module made for 1.6 Base and 1.61 Cab we will stay to create these. We'll show you the process.

Thank you for coming! Flyers will be available from all the LCS partners and 3rd party products. Lionel or the Legacy Users Group is not responsible for the information from the 3rd party developers. The Legacy Users Group alone presents the information given to us to further your enjoyment of the Lionel Legacy System. Please contact each developer for more information. If you are an LCS partner and would like us to show your project contact us.

To all the products from the 3rd party developers please correct any information or add to this thread any details I might have missed. We are here to help present your items and material and we want it to be correct!

We would like to thank Lionel, especially Jon, Rudy, Dean, and Dave for the continued support.

Thank you to Mike Petronella and the EDTCA for use of the room.

Thanks to you especially, the Legacy Users, for sharing their experiences and knowledge both here and on the forum!

Please let's return the room better than we found it!