

# Welcome to *RHJ Rail* 2023!



Again, in an effort to collect, restore, and display locomotives and equipment from the past, **RHJ Rail** has acquired a CPR 4-4-4 Jubilee class F-1a locomotive and restored it to almost-new condition. The Jubilee locomotive was used in the last days of steam for fast passenger service. While not particularly powerful, it could pull light-weight trains on medium-distance routes at high speeds.

Much of the time recently has been spent in improving **automatic running of trains** and integrating the various systems to provide smoother and more reliable operations (except when visitors are present, of course!).

There is a semi-prototypical signal system which monitors trains and adjusts the signals around the layout. The signal system is controlled by the **Automatic Operations Control Centre** which runs on a Windows computer using **JMRI**, a model railroad computer interface. Details of how this works can be found on the website below for those with a technical interest.

A set of replica cars, based on the real ones as they appeared at Heritage Park in Calgary 20+ years ago are still in operation. These were "kit-bashed" and painted by **RHJ Rail** some two decades ago.

The **telegraph system** permits Morse Code messages to be sent automatically to any one of four stations on the layout or to a full-size, real telegraph key from a century ago. Messages are sent automatically and custom messages can be written as required.

The layout has areas representing all four seasons, an historical park with rides, animation, lighting and music, several train yards, including remote storage and staging areas, finished scenery, many special effects, nighttime operation, a collection of restored railroad equipment of historical significance and many other features.

New features are being implemented all the time, so check the web site for the latest additions.

For more information and photos, see <https://rhjrail.ca> or just google "RHJ Rail"