Jacobsen Declaration Exhibit AA
Model Railroad Computer

Control

(How I am going to write my Train Program)

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Railroad Requirements

- Must have NMRA DCC compatible engines
  - either a Horn, Digitrax, Lenz, Digitrax or Wangrow, or old Marklin DC system
- Two type of interfaces supported
  - PC/mac compatible serial interface (9.6K)
  - Direct drive support via command station
  - See http://
Three classes of products available

- MS-DOS
- Apple
- Windows

MS-DOS examples
- Basic
- Batch
- Korn

Microsoft windows
- Command
- Explorer

- and many others as well
Design to support Marklin Controllers
- Draws from the German railway operation
- Supports visual layout display
- Multiple user interfaces
- Integrated acceleration curves

European design/tradeoffs
Built on a modular philosophy
- users can add complexity at their own pace
- simulation interface is included to help other programmers

Good user documentation
- explains the Marklin, Digitrax, Wangrow and Lenz interface in detail

Manual and Sensor control flexibility
- logical to physical mapping of engines/switches
- maintains engine and switch history between sessions
Serial Interfaces supported
- Marklin 6050/6023 interfaces on AC and DC boosters
- Lenz LI-100
- Digitrax, Wangrow serial Interface
- NMRA serial interface

NMRA controllers
- Direct drive support for Marklin boosters
- Direct drive support for NMRA extended packet format

Protocol windows for software development
http://ourworld.compuserve.com/homepages/John_Kabat/

See about our LOCONET FOR DOS Contest.

NOTICE: May 23, 1996 - Contest Dates have changed! See the Contest Page

We Have a Winner for April: David Koch For his THROTTLE.BAS program. Congratulations Dave!

What's New

- May 29, 1996 - New release of LOCONET - changes expiration date to October, 1996.
- May 22, 1996 - Changed voting system for contest.
- May 4, 1996 - A new update of LOCONET - bug fixes and better COMM and IRQ detection.
- April 30, 1996 - We are having problems with EMAIL here at my home site - Please use johnk@compuserve.com. Anyone who knows the contest please let me know!
- April 29, 1996 - Dave added a LOCONET FAQ
- Find out about the NEW LOCONET Software Costs!!! Rates updated March 14, 1995.
DCC Hardware

http://www.lenz.com
http://www.digitrax.com
http://www.wangrow.com
http://www.tttrains.com/tttrains/dccdiv.htm

DCC Software:

http://kam.rain.com
http://ourworld.compuserve.com/homepages/John_Kabat/

DCC information

http://www.tttrains.com/dcc/
http://www.mcs.net:80/~weyand/nmra/
http://www.mcs.net/~dsdawdy/NMRA/dcc.html
http://www.tttrains.com/tttrains/