OpenLCB / NMRAnet

Progress Report
# to
NMRA Board
Winter 2013

The Who

There are two groups developing and ratifying the NMRAnet Standards:

- OpenLCB Development Group which uses an egroup and Sourceforge to develop these.

- NMRAnet Group which uses an egroup and the NMRAnet webpages to publicize and review proposed NMRAnet Standards documents.

Participation

Membership in the OpenLCB egroup continues rise above 160 members. The NMRAnet egroup has 52 members.
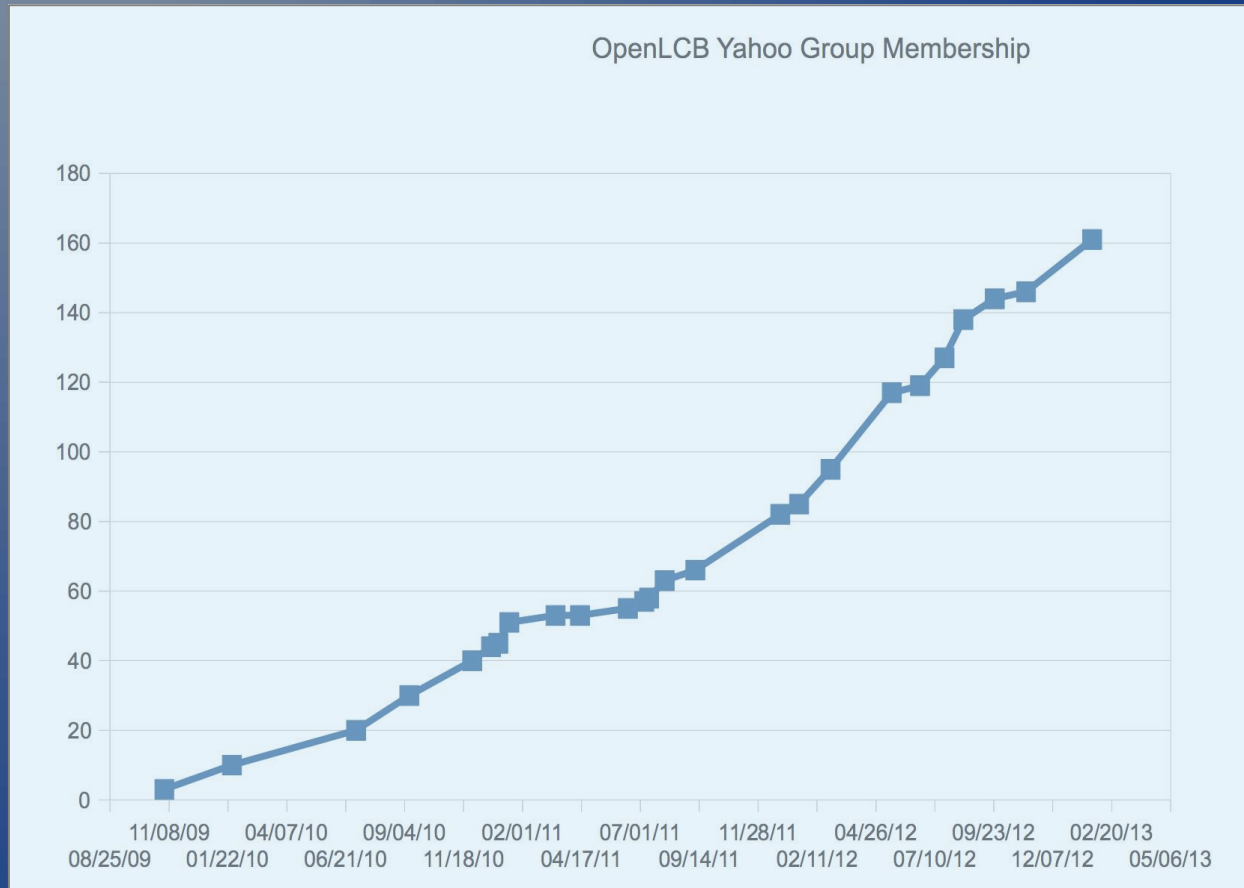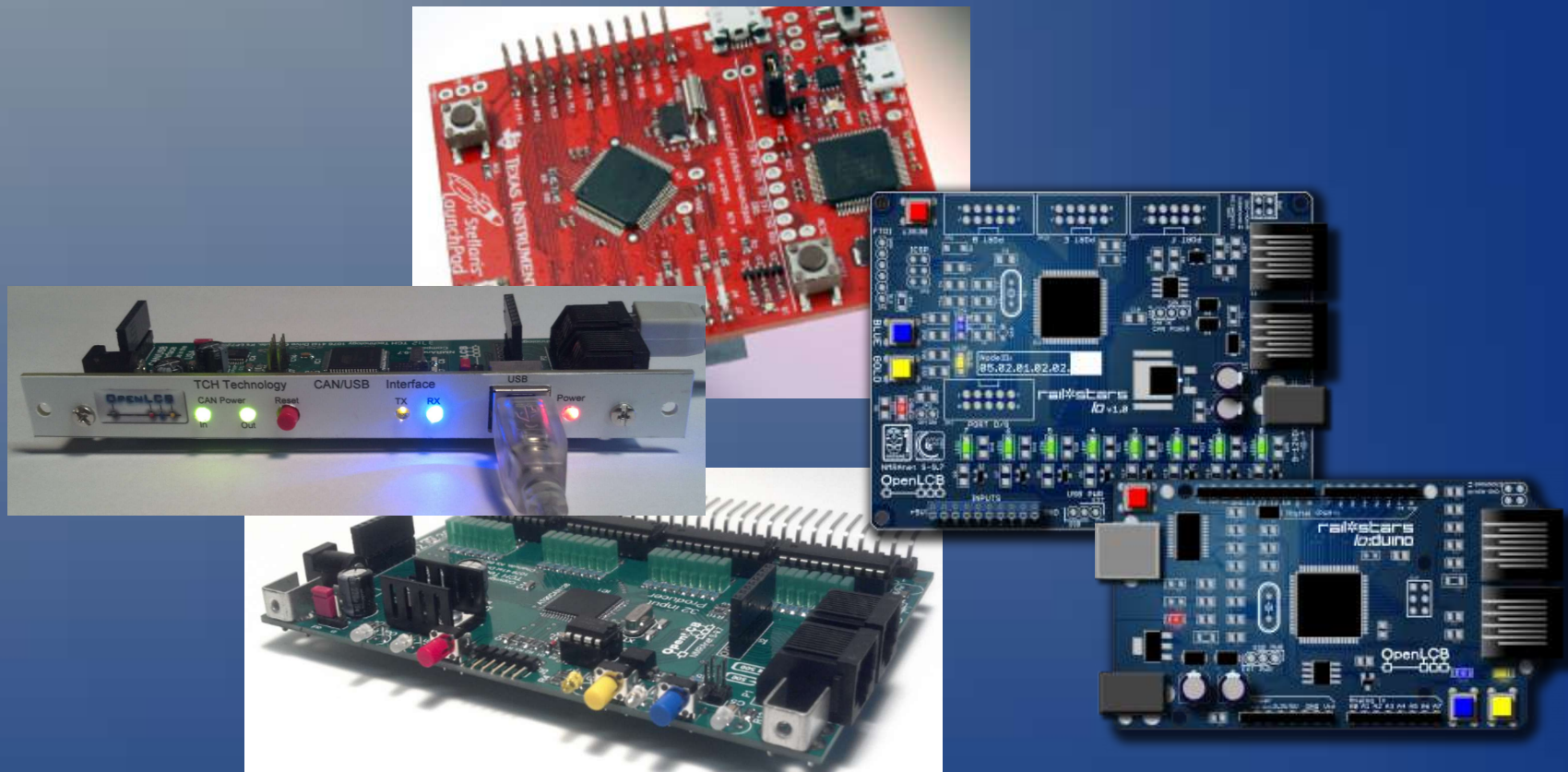
The Process

- The OpenLCB Development Group designs and documents standards and supporting technical notes, and develops reference hardware, firmware, and software.
- As the standards are completed and adopted, they are forwarded to the NMRAnet website and egroup for public comment and discussion.
- The Standards and other documents are forwarded to the NMRA Board for adoption, after these two groups have negotiated any changes and are in agreement, .
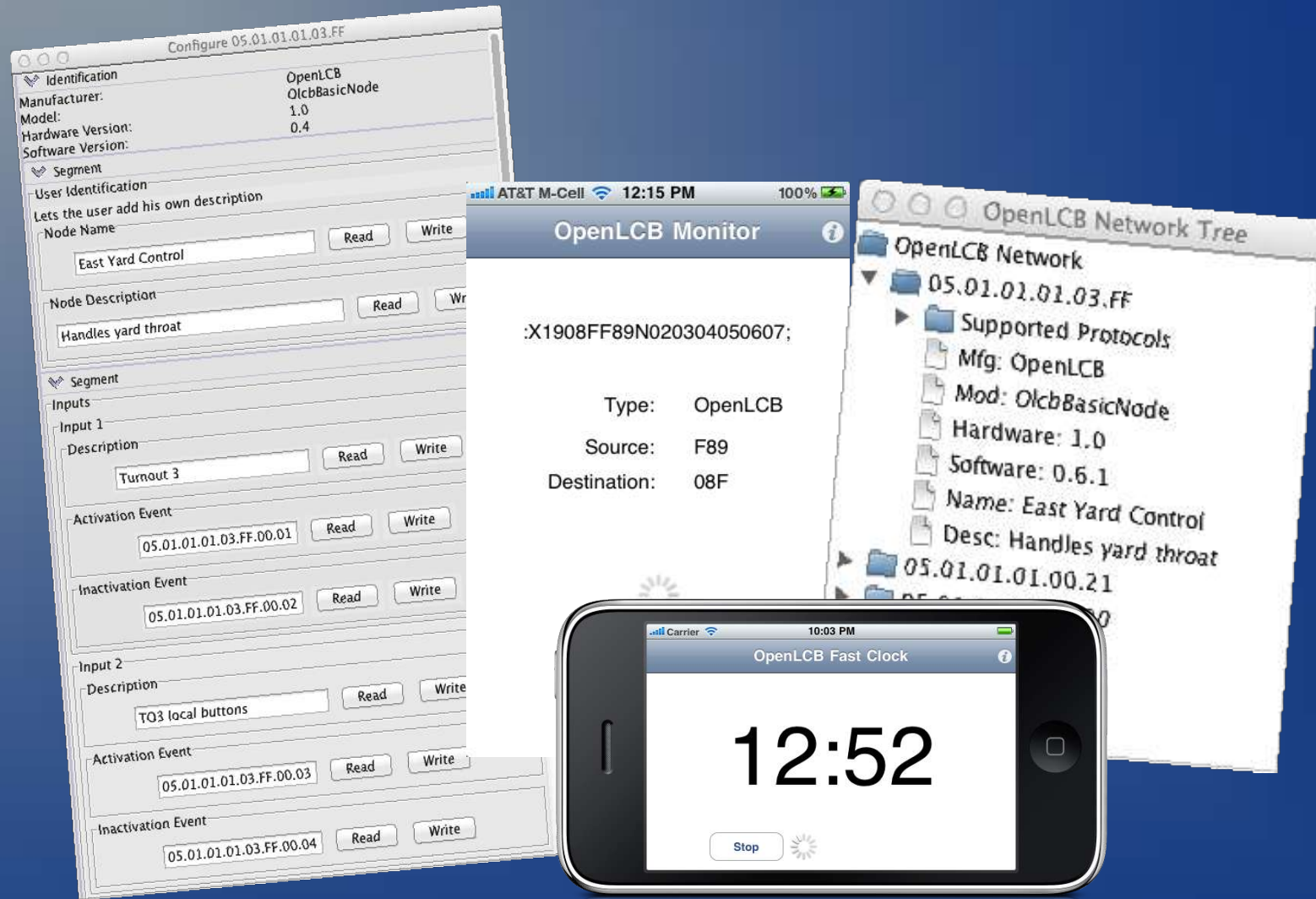
Activities -- NMRAnet / OpenLCB DevKit

The development kit was designed, built, assembled, and distributed around the world, including USA, Canada, New Zealand, Australia, Holland, Spain, Denmark and the UK.

Activities - Hardware

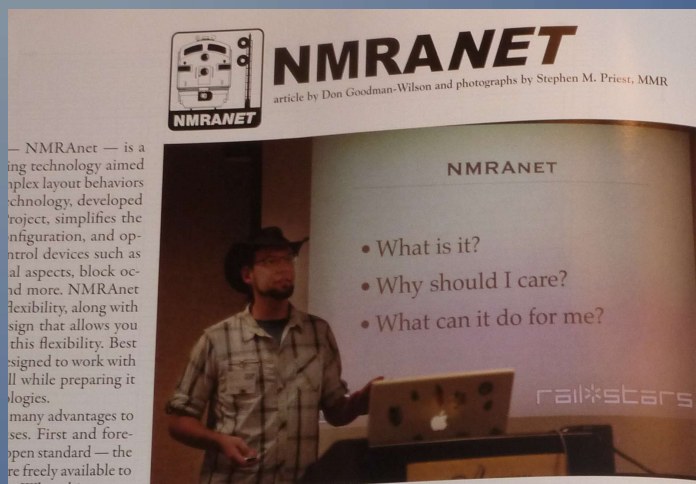# Activities – Software/Apps

Activities - Shows

- NMRA 2012 Grand Rapids

- Springfield 2013 Show

- New Zealand AMRA Show

Activities – Software/Firmware Development

Articles
"NMRAnet" in the NMRA Magazine, by Don Goodman-Wilson:

Today

For INFORMATION:

The OpenLCB Development Group has completed a package of Standards and Technical Notes, which it has forwarded to the NMRAnet egroup to review.

This package is expected to be presented to the NMRA Board, at their meeting at the 2013 National Convention in Atlanta, for their consideration for adoption.

NMRAnet Protocols

Previously PASSED:

- S-9.7.1 NMRAnet® Physical Layer Standard

- TN-9.7.1 NMRAnet® Physcial Layer Technical Note

NMRAnet Protocols Cont'd

SUBMITTED to the NMRAnet group:

- General Common Information TN

- General Glossary TN

- Unique Node Identifiers TN

- CAN Frame Transfer S/TN

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NMRAnet Protocols Cont'd

SUBMITTED to the NMRAnet egroup:

- CAN Frame Transfer S/TN

- General Event Transport S/TN

- General Datagram Transport S/TN

- Message Type Indicator Allocations Table

What is Needed from the NMRA

More promotion --

- Clinics
- Advertisements / notices in NMRA magazine
- Follow-up articles

Superstructure --

- Testing and licencing
- Link to NMRAnet on NMRA website

OpenLCB / NMRAnet

The Bus with Legs!