



North American Section

Institution of Railway Signal Engineers

IRSE North American Section

Annual General Meeting

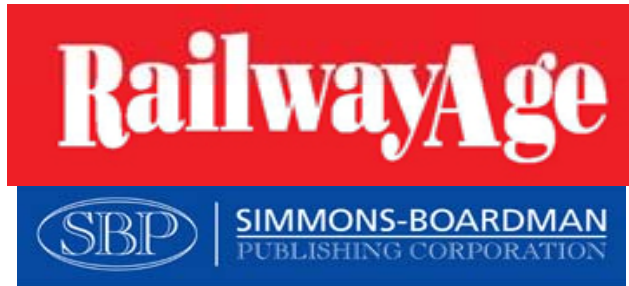
Omaha, NE

May 17, 2009

Quest and Convention Center



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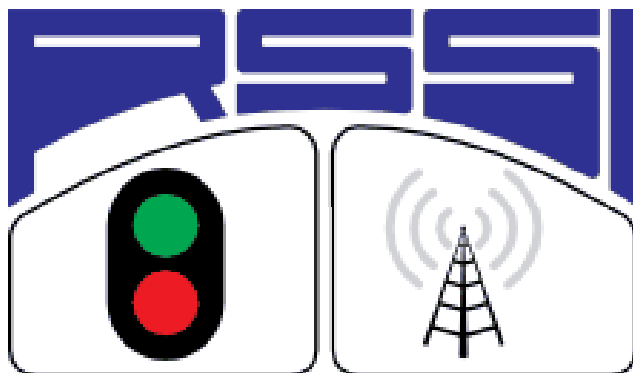
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Meeting Agenda

1. David Thurston Introduction the Conference
2. Bill Scheerer Introduction to the IRSE
3. Session 1 – PTC (Bill Scheerer Moderator)
 - Committee 39 standards for PTC
 - Greg Richards on implementation of PTC for Union Pacific.
 - Dan Guerrero with Metrolink on expedited schedule for PTC rollout in Southern Calif.



Meeting Agenda

3. Session 2 – (Dave Thurston Moderator)

- Ed Mortlock on PTC for High Speed Rail
- Wim Coenraad on lessons learned on deployment of European ETCS

4. Annual General Meeting: Call to Order/Quorum Count



Meeting Agenda

5. Approval of minutes of the AGM held on May 20th 2008.
6. Voting by anyone who has not voted prior to the meeting.
7. IRSE Chief Executive's message from London.
8. Other matters arising
9. Election results.
10. Thursday - Technical visit to the UP Missouri Valley Interlocking and Harriman Center.



Bill Scheerer, Country Vice President

Institution of Railway Signal Engineers





The Purpose

“The IRSE is the global professional engineering institution for railway signaling and control systems engineering. It exists to promote interest, understanding and learning in the technology and practice for railway operation and the control of trains for all types of railways.”

“The maintenance of high standards of practice and professional care among those working within the industry and the promotion of improved safety standards for the protection of the general public.”



History

- Founded 1912
- A global institution with individuals as members throughout the world
- Many volunteers in sections and general organisation of IRSE
- First employee in 1993 – on licensing
- Steady growth in membership over the years
- HQ at 1 Birdcage Walk, Westminster, London



The IRSE – what is it?

- Professional engineering institution run by its members for its members, a registered charity
- Licensed by Engineering Council UK which provides international recognition
- A home for people interested in:
 - railway signalling and control
 - railway telecommunications
- Disciplines involved
 - electrical/electronic engineering
 - mechanical and production engineering
 - software
 - systems and safety engineering, RAMS, human factors
 - railway operators specializing in train control



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The IRSE now

- Currently 4500 members. Was 3100 in 2003.
Approximately:
 - 2900 corporate members, 1600 non-corporate
 - 2600 UK
 - 350 Main-land Europe- 9 Belgium, 108 Netherlands, 68 France
 - 1500 non-European
 - 600 Australasia
 - 80 Thailand, 33 Singapore
 - 8 Mainland China
 - 136 Hong Kong China
 - 79 North America
 - 91 Southern Africa
 - 316 India
- About 7000 IRSE Licence holders - UK, India, Australia & Hong Kong
- Full time staff of 8 + 2 part time
 - + but very dependent upon volunteers to operate



Membership Grades

- Fellow - very experienced, qualified C&S engineers
- Member - experienced, qualified C&S engineers
- Associate Member - less experienced, qualified C&S engineers
- Companion - senior industry figures, generally not engineers
- Accredited Technician – qualified technicians
- Student - junior engineers in training
- Associate - people interested in signalling



What we do - 1

- Monthly technical lectures in London
- 2 technical visits per year
- 2 seminars per year
- Hold an annual international convention. 2007 in Netherlands, 2008 in Thailand, 2009 in Spain, 2010 in India.
- IRSE News 11 times/year
- Annual proceedings of papers
- Full program of meetings in local sections
- Provide advice and comment to government departments



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What we do - 2

- Run professional examination annually, in centers around the world
- Operate licensing scheme for competence certification in certain parts of the world
- Younger members section
- Non-UK sections in Australasia, Southern Africa, North America, Hong Kong China, India, Singapore, Netherlands
- Local UK sections in York, Glasgow, Midlands & North West, Western, Plymouth, Minor Railways
- Turnover is approx £1.1m pa

Successful organization which responds to its members' needs throughout the world



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Current initiatives

- Extend functionality of new website – design refresh, members area
- New strategic plan currently being approved
- Membership application forms simplified
- European signalling text book being translated into Japanese
- 100 years old in 2012 – planning interesting year of celebrations including major London event in September 2012.



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Thank you





Implementation for PTC

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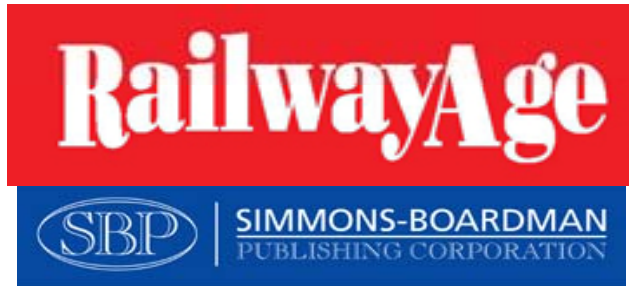


Implementation for PTC

Questions?



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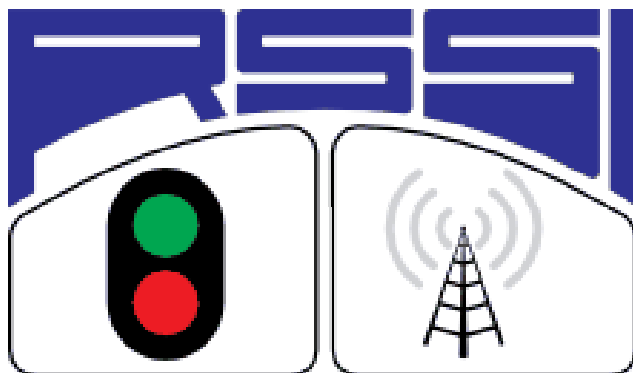
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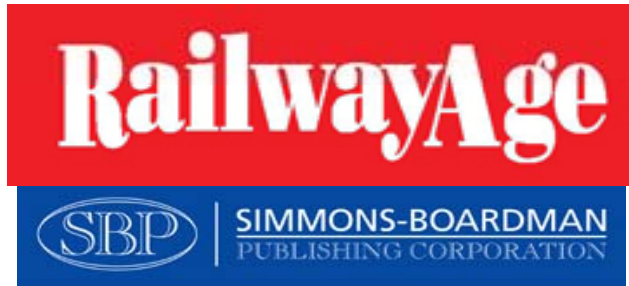
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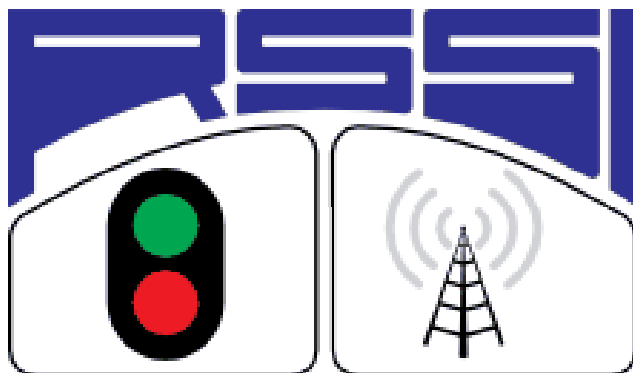
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4. IRSE President's message from London.
5. Other matters arising
6. Election results.
7. Technical visit on the UP on Thursday.



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TECHNICAL VISIT:

Thursday, we are planning a technical visit the UP Missouri Valley Interlocking and Harriman Dispatch Center. Bring your PPE!! The approximate schedule for the technical visit is:

1. 07:45 Meet at the main entrance of the Hotel to travel to the site.
2. 08:00 Leave for field trip to Missouri Valley Interlocking.
3. 09:00 Arrive Missouri Valley Interlocking & Safety Briefing.
4. 10:30 Leave for Omaha and Harriman Center tour.

DISCLAIMER: The Institution and the administrations whose sites will be visited during the Site Visit cannot accept any responsibility whatsoever for injury, damage or other difficulty which may arise during the Site Visit. Participants are therefore advised to ensure that their own insurance covers all appropriate eventualities.



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Special Thanks to:

All Speakers for their excellent presentations

Gary Young for all of his work with the Committee

Vic Babin for setting up this year's booth

Paul Jenkins, IRSE President for his remarks

Colin Porter, IRSE Chief Executive, for his support

Wim Coenraad, Past IRSE President for his
Presentation

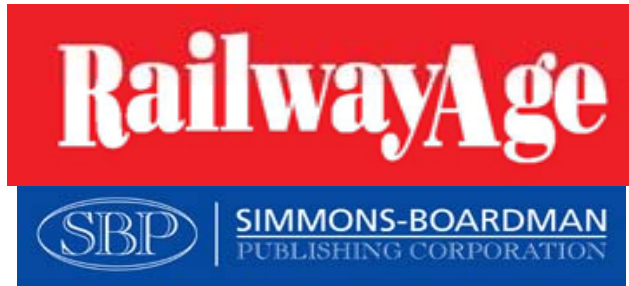
RSSI for providing us this meeting space and booth
space again this year!

The Union Pacific for hosting this year's field trip

The Local Committee for a great year of work, and
for their continued support.....



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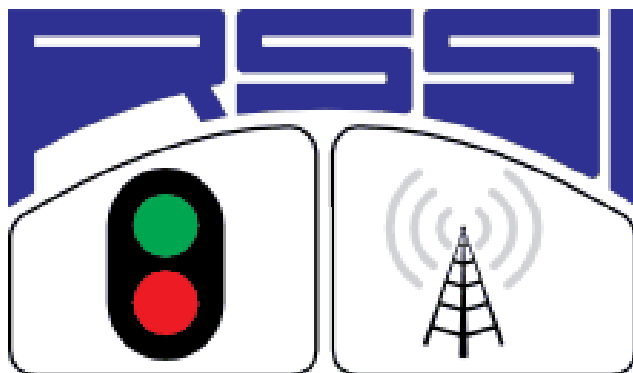
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See you next year!

