

EIG Business Meeting
 March 13, 2013
 8:00 – 10:00 am

Attendees

David McDonald	EIG	Jim Riemenschneider	3M
Pete Fosnough (Secretary)	Harris Rebar	Steve Hall	3M
Rick Hazekamp	Sioux City Foundry	Marshall Bonds	CMC
Kurt Kirby	Valspar	Mike Barrett	Gerdau
Jeff Estep	Western Coating	Fritz Hermann	Western Coating
Brent Toller	Western Coating	Marcelo Acuna	ABC coating
Caba Cer	Akzo Nobel	Andy Stevenson	Akzo Nobel
Rob Phillippi	DuPont Powder Coating	Jeff Lundh	DuPont Powder Coating
Chris Lopez	DuPont Powder Coatings	Dan Paulus	DuPont Powder Coating
Dave Wasz	BL Downey	Bill Maniaci	Simcote Inc.
Tony Del Percio	Valspar	Wes Wojski	Simcote Inc.
Adam Simmet	Simcote Inc.	Fred Rocha	ABC Coating Co OK
Carrie Sayers	ABC Coating Co, MI	David Acuna	ABC Coating OK
Sandra Goebel	Valspar Corp	Tom Greenfield	ABC Coating IL
Kuru Varughese	DuPont Powder Coating		

1. Anti-Trust
 - a. All attendees were informed of the CRSI Anti-Trust policy by the Acting Chair.
2. Welcome
 - a. The chair (JP Simmet) passed on his apologies
 - b. Jim Riemenschneider acted as the meeting Chair in his absence and welcomed all attendees
3. Introductions
 - a. Attendees introduced themselves to the meeting and the roster was passed.
4. Approval of Agenda
 - a. A motion to approve the agenda was presented and passed (Hermann, Fosnough, Unanimous)
5. Approval of Fall 2012 Minutes
 - a. A motion to approve the Fall 2012 minutes was presented and passed (M. Acuna, Fosnough, Unanimous)
6. Election
 - a. Due to the expiry of terms, an election was held for the positions of Wager and Riemenschneider.
 - b. A slate was presented by the EIG Secretary (Fosnough) for Barrett and Riemenschneider.
 - c. The election was not contested and Barrett and Riemenschneider were elected for a period of 3 years by acclamation.

7. Managing Directors report (DBM)
 - a. McDonald presented a 2012 year end financial report
 - i. Reserve funds are \$150K
 - ii. Increase trade show and travel budgets proposed in 2013
 - b. McDonald presented the managing directors report (Attached).
 - c. CRSI staff have been visiting DOT agencies and information obtained was presented
 - d. The EIG Steering committee conducted review of EIG operations and proposed focus DOTs, based upon ranking system.
 - e. A motion was made to create a Voluntary PennDOT task group (Riemenschneider, Wager, Unanimous).
 - i. Volunteers included: Fosnough, Maniaci, Sayer, Riemenschneider, Goebel, Barrett, Phillippi, and Wasz.
8. Old Business
 - a. Plant Certification
 - i. The straight bar line standard will go to the CRSI standards committee after that committee receives full status as an SDO.
 - ii. The SDO will announce a request for development of a standard for 30 days. Upon review of comments, the standard may be developed. The completed standard will then undergo public review for comment. At this time the standard may adopted.
 1. Plants may request the draft standard from EIG.
 - iii. IMCC is working on the ANSI requirements to more the program to meet ANSI Guide 65.
 1. A transition task group has been formed and will present plans for the transfer from the Current Version 12 to the ANSI Guide 65 program
 - a. It is expected that the transition will most likely occur in 2015.
 - iv. CRSI will now offer epoxy plant certification worldwide according to Version 12 of the Epoxy Certification program.
 - b. Fabricator Certification
 - i. Adoption of this standard follows the process above. Completion of this standard is expected in summer 2013.
 - ii. Fabrication certification may then follow.
 - c. Technical
 - i. ASTM
 1. Ballots for A775, A934 are expected in the next month.
 - a. No major changes are proposed to A775.
 - b. The ballot for A934 will most likely receive negatives from EIG to permit cutting of the bars after coating and repair with powder or with patch material.
 - i. Please contact EIG if you have questions.
 2. ASTM D3963 passed the Subcommittee vote and will be moved to a main committee vote
 - a. This will eliminate the repair coating annex and reference A775.
 3. ASTM A955 is proposing the reduction of elongation requirements.
 - a. EIG has submitted a negative
 4. ASTM D27.20 has a new document for precast modular blocks

- a. EIG has presented a negative to permit use of epoxy-coated lifting anchorages.

9. New business

- a. MTO has presented a letter indicating it will not be using epoxy-coated bars from April 1, 2013.
 - i. EIG proposes to present data to the engineering community regarding this change
- b. Fosnough raised the issue of EIG membership when a member leaves the epoxy industry.
 - i. EIG staff will review appropriate Interest Guide documents.
- c. A request for help on bending large bars was made by EIG. Greenfield volunteered to assist.
- d. A request for assistance on the CRSI safety committee was made; however, several members already have representation.

10. Adjourn

- a. The meeting was adjourned (Fosnough, Wager, Unanimous)

EIG Meeting Tempe, AZ

March 13, 2013



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2010 Membership

- ABC Coatings Co.
- Ambassador/Barker/Harris/Nucor
- BL Downey
- CMC
- Commercial Resins
- Dimension Fabricators
- Gerdau Ameristeel
- JC Supply
- Lane
- Simcote
- Sioux City Foundry
- Steel Specialties of Mississippi
- Teme Inc.
- Titusville Fabricators Inc.
- Western Coating Inc.
- 3M
- Valspar
- DuPont
- Akzo Nobel

19 Current Members

Quorum = 50%

This meeting is only for
member companies
No visitors

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1. Notice of Anti Trust

- Please note the CRSI Document

– **COMPLIANCE WITH ANTITRUST LAWS**

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Agenda

1. Anti-Trust Statement
2. Welcome
3. Introductions
4. Approval of Agenda
5. Approval of Fall 2012 Minutes
6. Elections
7. Managing Directors Report
8. Old business
8. Plant Certification
9. Fabricator Certification
10. ASTM
9. New business
10. Adjourn

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2. Welcome

- Welcome from Chair
 - JP

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3. Introductions

- Please introduce yourself
 - Name
 - Company
 - Location

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4. Approval of Agenda

- Modifications?
- Motion to Approve Agenda
 - 2nd?
 - Vote

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5. Approval of Fall 2012 Minutes

- Any corrections to Fall 2012 Minutes
- Motion to Approve Fall 2012 Minutes
 - 2nd?
 - Vote

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6. Elections for Steering Committee

- Slate of Candidates






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7. MANAGING DIRECTORS REPORT

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Financials 2012

Reserve Jan 2013:
\$152K

	Budget 2012	Actual 2012	Budget 2013
INCOME	\$327K	\$327	\$327
Staff	\$190K	\$187.8K	\$194K
Epoxy Literature	\$50K	\$41.8K 	\$40K
Shows	\$9K	\$13.3K 	\$14K
Web	\$20K	\$7.5K 	\$8K
Sundries, Travel, Supplies	\$40K	\$54.4K 	\$55K
Research	\$18K	\$2.7K 	\$5K
EXPENSES	\$327K	\$307.7K	316K

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STRATEGIC PLANNING

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EIG Mission

Expand the use of epoxy coated rebar

We all agree on what we should do, the question is HOW we do it

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Current State

Resources

- David McDonald
- CRSI Staff
- Budget \$117 M after fixed expenses

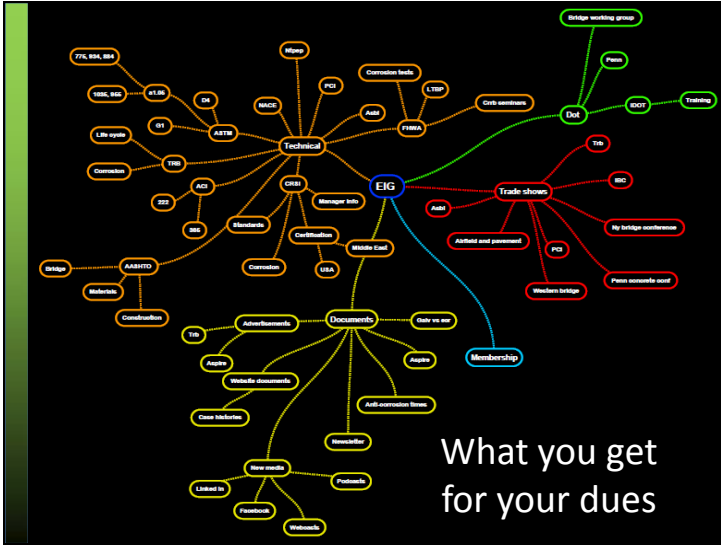
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2012 Breakdown

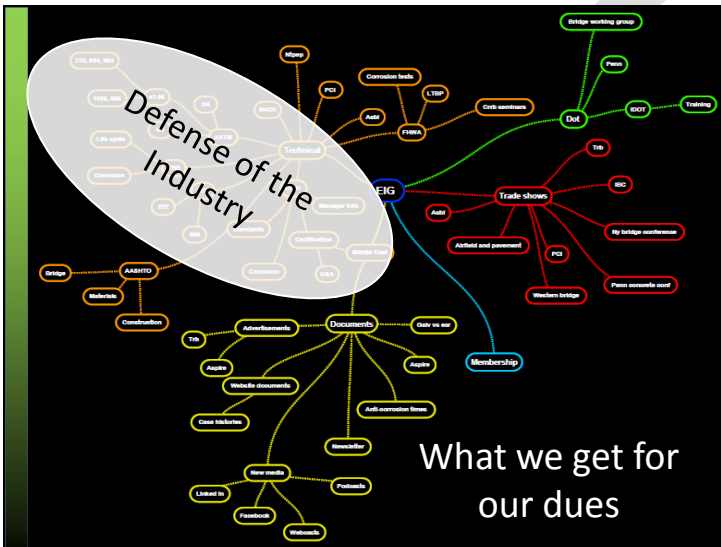
Two types of activity support the mission

- **Outreach**/relationship building with Specifiers and Influencers
- **Defense** of the Industry against competitive technologies, unfavorable codes or restrictions

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Outreach vs. Defense

Resource Allocation

- Monetary spending 70/30%
- Time requirements 50/50%

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What's Involved - Defense

- ASTM
- ACI
- NACE (Corrosion committee)
- TRB (Corrosion, Lifecycle committees)
- CRSI (Standards, Corrosion, IMCC, Certification)

Combat unopposed negative rhetoric, unfavorable codes and biased specifications

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What's Involved - Outreach

- DOT (individual states)
- FHWA (LTBP, CRRB)
- AASHTO (Materials, Bridge, NTPEP)
- ASBI
- PCI
- TRB
- IBC

Develop relationships at the right DOT representative levels

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EIG in 2013

- Most of the activity for 2013 is already hardwired
- Possible to shift from macro level to individualized efforts to improve position in key states
- May be able to shift time on Defense of the Industry moderately without jeopardizing needed functions

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2013 Changes

- Outreach
- Targeted activity at DOT sites
 - Trips to key DOT's

Who are the key states?

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State matrix

- DOT Budget
- Total Bridges
- Structurally deficient Area
- Epoxy as % total
- Rebar Highway Usage by State
- Exposure to Salt
- State's level of Influence
- Level of Dissatisfaction of Epoxy
- Entertaining New technology
- Current Relationship/ Contact Points
- State requires CRSI
- High Visibility Rebar Projects

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Ranking Matrix

Ratings of 1, 3 or 9 based upon importance

	Budget	Total Bridges	SD # Area (cu yards)	Epoxy as % total	Rebar Highway Usage by State	Exposure to Salt (9=high)	State's level of influence (9=high)	Level of Dissatisfaction of Epoxy (9=hate)	Entertaining New technology (9=emphatic yes)	Current Relationship/ Contact Points (9=known)	State requires CRSI	High Visibility Rebar Projects (9=year)	Ranking
California	9	9	9	9	9	3	9	1	9	3	9	9	88
Pennsylvania	9	9	9	1	9	9	9	3	9	1	9	9	86
Florida	9	3	3	9	9	3	9	9	9	3	9	9	84
Massachusetts	9	1	3	1	3	9	9	9	9	9	9	9	80
Ohio	9	9	9	3	9	9	9	1	3	1	9	9	80
Virginia	9	9	9	3	3	9	9	9	9	1	1	9	80
NY Transit Authority	9	1	1	9	3	9	1	9	9	9	9	9	78
Missouri	9	9	9	3	9	9	3	1	3	3	9	9	76
New York	9	9	9	3	9	9	9	3	3	3	1	9	76
Texas	9	9	9	9	9	3	9	1	3	3	9	3	76

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Agency Priority

High Priority

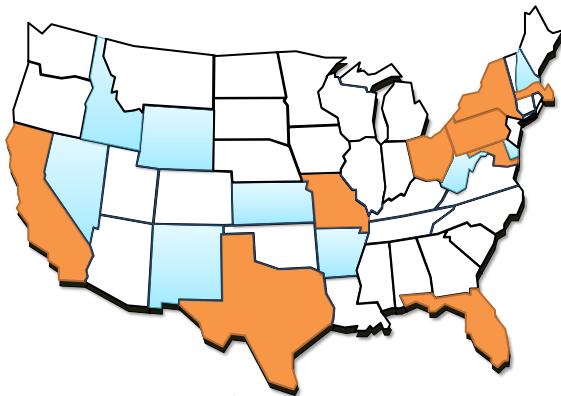
- California
- Pennsylvania
- **Florida**
- Massachusetts
- Ohio
- **Virginia**
- NY Transit Authority
- Missouri
- New York
- Texas

Low Priority

- Kansas
- Wyoming
- Delaware
- Hawaii
- Idaho
- Nevada
- New Hampshire
- Arkansas
- West Virginia
- New Mexico

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Focus Agencies



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Discussion?

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Regional Summary

- Requests for better epoxies
 - Field handling
 - Fabrication certification
- A1035/MMFX not being discussed except Alberta and Ontario
- Many are exploring stainless steel
- Glass and basalt not being discussed

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PennDOT

- 2-1/2 hour visit with 9 PennDOT staff
 - Not happy with bars on jobsite
 - End coating
 - Holidays
 - Coating thicknesses
 - Allowing other materials into specifications
 - A1035, SS
 - Not happy with bar repair materials
- Contractors not happy either
- Epoxy unhappy with PennDOT
- **Recommendation: Form PA Task Group**
 - Goal to determine activities to improve the situation
 - Status quo is not working
 - Motion?
 - Volunteers?

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Regional news - East

- NYSDOT/Thruway.
 - Waffling on ECR.
 - Considering ss.
 - Tappan zee.
 - Design build with Galvanized.
 - 100 year design
- Ohio
 - Generally Happy.
 - Concerned with Field damage.
 - A934 viewed as a solution.
 - No interest in ss.
- Pennsylvania
 - Low coating thickness issues
- Virginia
 - Interested in CRSI meeting with materials groups
- South Carolina
 - Low enthusiasm for change
 - Galvanized state

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Regional news - Central

- Kentucky
 - Generally happy, concerned with field damage.
 - Interest in A934.
 - May mix and match green and purple.
- Minnesota
 - using stainless in major structures
- Il Toll way
 - pursuing stainless for new structures
- Missouri
 - Happy with green
- Wisconsin
 - Exploring stainless for large structures
- Texas
 - Generally happy but want better.
 - Corpus Christi Causeway using stainless in piers
 - Epoxy fab cert desired.
- Nebraska
 - Happy with green
- Kansas
 - happy with green
- Ontario Transit
 - Updating specs for epoxy to include CRSI certification

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Regional news - West

- Alberta
 - A1035/MMFX used everywhere.
- Utah
 - Want 100 yr. bridges
 - polyurethane sealant and stainless.
 - Field handling issues and education.
- Washington State
 - Design issues for floating bridge keeping them busy
- Colorado
 - Denver only uses concrete ECR used elsewhere
- Oklahoma
 - No failures.
 - No problems with epoxy
- Oregon
 - Like what they have.

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Plant Certification
Fabricator Certification
ASTM

OLD BUSINESS

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NEW BUSINESS

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Safety

- Recent plant accident relating to amputation from coating line
- Request for representation from coating members

Volunteers for Safety Committee?

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Bundling large bars

- Claim that #14 and larger cannot be bent
 - Being bent with steel pins
- Develop best practices document

Volunteers to assist with writing?

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ADJOURN