

## Executive Summary

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This is a summary of the 105<sup>th</sup> AmeriTAC meeting and related meetings held at the Sheraton Westport Chalet Hotel, St. Louis, MO, on 6-9 June 2011.

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### Attendance & Participation

Here are the attendance and participation statistics for the meeting:

- 75 Total Attendance including Project Team, Project Development Committee, and AmeriTAC Meetings.
  - 32 Member Companies represented
  - 5 Potential Members
    - Cabot Supermetals – Randy Weikel
    - Polycorp Ltd. – Dennis Nolan and Daniel Yiptong
    - Solvay Solexis – Karol Argasinski
    - Specialty Plastics – Arek Blazejewski
    - Webco Industries – David Boyer and William Bieber
  - 6 Guests
    - Acuren – Larry Mullins (AmeriTAC Speaker)
    - Carter, Ledyard, & Milburn – Robert McTamaney (MTI Attorney/MTI Fellow)
    - Consultant – Barry Heuer
    - Hooper Welding – Chris Hooper (AmeriTAC Speaker)
    - MTI Fellow – Robert Puyear
    - Quadrant EPP AG - Gregor Bueche
  - 51 Forum Questions submitted and discussed
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### Knowledge Management PDC Brainstorming Session

The Knowledge Management Project Development Committee met on Monday Evening to discuss and brainstorm on ideas, next steps, and the direction of the PDC.

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### Panel Discussion – Design & Fabrication of Thick Walled Vessels

A panel discussion on Design and Fabrication of Thick Walled Vessels was presented at the AmeriTAC meeting. Anil Singh/Chevron, Chris Hooper/Hooper Welding, Larry Mullins/Acuren, and Barry Heuer/Consultant participated on the panel. Robert Sinko/Eastman was the moderator.

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### 4 Projects Approved

The BOD funded 3 projects that were approved at the AmeriTAC meeting and 1 project that was approved at the AsiaTAC meeting:

- Bolting in China (\$35,000)
  - NDE of High Density Ceramics (\$10,000)
  - Advanced Corrosion Testing Design (\$35,000)
  - Terahertz Imaging Phase II (\$14,600)
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## Future Meetings

Here are the MTI meetings scheduled to date:

- AsiaTAC 2011, Shanghai, China, 20-23 September 2011
  - AmeriTAC 106, Nashville, TN, 10-13 October 2011
  - AmeriTAC 107, Hollywood, FL, 27 February-1 March 2012
  - AmeriTAC 108, Seattle, WA, 18-20 June 2012
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## Project Team Meetings

These 16 project teams met during AmeriTAC 105. Project numbers are in parentheses with alphabetic (ab) denoting potential projects and numerical (123-08) denoting funded projects.

- Best Practices for Reactive Metals (pm)
  - Design, Installation, Maintenance, and Inspection of Plastic Lined Pipe (pc)
  - Duplex Alloy Microstructures (200-10)
  - Evaluation of Tantalum Welds (pn)
  - Fabrication and Manufacturing Video Library (os)
  - Investigation of Technologies Common to Other Industries (ph)
  - Laboratory Corrosion Testing Design (op)
  - NDE HD Alumina Bricks (oa)
  - O-ring Identification (201-10)
  - Pneumatic Leak Testing of Heat Exchanger Tubing (199-10)
  - Permeation through Polymers (206-11)
  - Prediction & Detection of Hydride Formation in Titanium (pa)
  - SiC Heat Exchanger Evaluation (oi)
  - Silica Fiber Insulation Properties (182-07)
  - Terahertz Imaging 2 (pi)
  - Welding Duplex Alloys (pl)
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## Project Development Committee Meetings

Project Development Committees (PDC) match members' needs with new and existing technologies to identify new potential projects. These 5 PDCs met during AmeriTAC 105:

- Ceramics PDC
- Integrity and Condition Assessment PDC
- Knowledge Management PDC
- Metals PDC
- Polymers PDC