MINUTES

November 6, 2019
Texas A & M University
College Station, Texas.
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Attendance

Members:

Scott Hibbard (Chairman)
VP Technology
Bosch-Rexroth Corporation - IL
Hoffman Estates, Ill.

Drew Borders
Global Industrial Partnerships Coord.
Blaser Swisslube Inc.
Goshen, N.Y.

Russ Reinhart
U.S. National Sales Manager
Dormer Pramet
Elgin, Ill.

Noel Greis
President
KINEFAC Corporation

Benjamin Menz
Senior Data Scientist
Bosch-Rexroth Corporation - IL
Hoffman Estates, Ill.

Will Sobel
VIMANA
Chief Strategy Officer
Berkeley, Calif.

Craig R. Ronald
Director, New Product Development
The Gleason Works
Rochester, N.Y.

Jeff A. Price
Executive Vice President
5ME
Cincinnati, Ohio

AMT STAFF:

Benjamin Moses (Liaison)
Director – Manufacturing Technology
AMT
McLean, Va.

Nina Anderson
Data Scientist
AMT
McLean, Va.

GUESTS:

Catherine Ross
Director of Education
AMT
McLean, Va.

Jaron Bass
International Trade Specialist
Office of Transportation and Machinery
Washington, D.C.

Jessica Huang
International Economist
U.S. Department of Commerce
Washington, D.C.

Robert Casanova
International Trade Analyst
U.S. International Trade Commission
Washington, D.C.
Welcome
The meeting was brought to order by Mr. Hibbard. Each member made introductions.

Antitrust Statement
Trade associations have long been recognized as serving a valuable, pro-competitive, and entirely lawful role in promoting the economic development and consumer welfare of our country. However, serious antitrust problems can arise if a trade association’s activities are not properly conducted. Accordingly, AMT assigns the highest priority to full compliance with both the letter and the spirit of the antitrust laws. It is thus vital that all meetings and activities of the association be conducted in a manner consistent with that policy.

TIC Mission
The Technology Issues Committee acts as the voice of the membership by providing input to the association on member needs in support of AMT’s products and services. The committee works with staff to develop, promote and implement programs and services relating to technology issues facing AMT members. The committee also assists AMT in meeting the objectives of the Board of Directors’ Strategic Plan.

Meeting Minutes
The minutes from the July 16, 2019, meeting were reviewed. Mr. Reinhart motioned that the minutes be accepted. Mr. Borders seconded the motion and the minutes were approved.

TIC Mission Discussion
The committee discussed their mission and discussed how information can be communicated back to the membership. The past committee meetings have been productive to the attendees, but how can this information be scaled up for the membership? Past projects include a productivity document, list of research institutes, MTConnect, and TIC Views. The committee also discussed why a company joins the association. Most companies join for economic support. Companies rarely join for engineering development.
Smartforce Presentation
Ms. Catherine Ross presented an overview of Smartforce. The goal of Smartforce is contained in AMT’s Manufacturing Mandate. That goal is to “Build a better educated and trained Smartforce.” Education programs include CMTSE, MT Sales Fundamentals, MT University, and promotion of NIMS certifications. Smartforce also supports various competitions such as Skills USA, Project MFG and World Skills. Ms. Ross recommends local actions by creating multigenerational in-house training or mentorships, partnering with local education, and supporting manufacturing career events. Refer to the presentation that is attached to this document. Ms. Ross is available for additional information regarding local action.

Digital Services
A team lead led by Mr. Bass surveyed the committee regarding digital services required for using manufacturing equipment and engineering services. This information will be used to understand the current landscape of digital services in manufacturing.

Texas A&M Overview and RELLIS Tour
The university facility provided an overview and tour of the RELLIS campus. RELLIS is a collaborative ecosystem built to foster advanced research, technology development, testing and evaluation, higher education, and hands-on career training.

Data Science Working Group (DSWG) Report Out
Ms. Anderson reported the DSWG topics of discussion and the status of the Data Science Handbook. The handbook will focus on data and data transformation. The working group will set up regular meetings to develop this document.
Model-Based Enterprise

Mr. Sobel presented an overview and next steps of the Model-Based Enterprise project. This project is an ASME working group. The goal of the working group is to use existing standards to create a closed-loop information lifecycle. See the attached presentation for more detailed information.

Adjourn

The meeting was adjourned at 3:45 p.m.

Respectfully submitted,

[Signature]

Benjamin Moses
Staff Liaison