



Strength through Industry & Technology



*Training & Education Committee
Robotics Division
Quarterly Meeting*

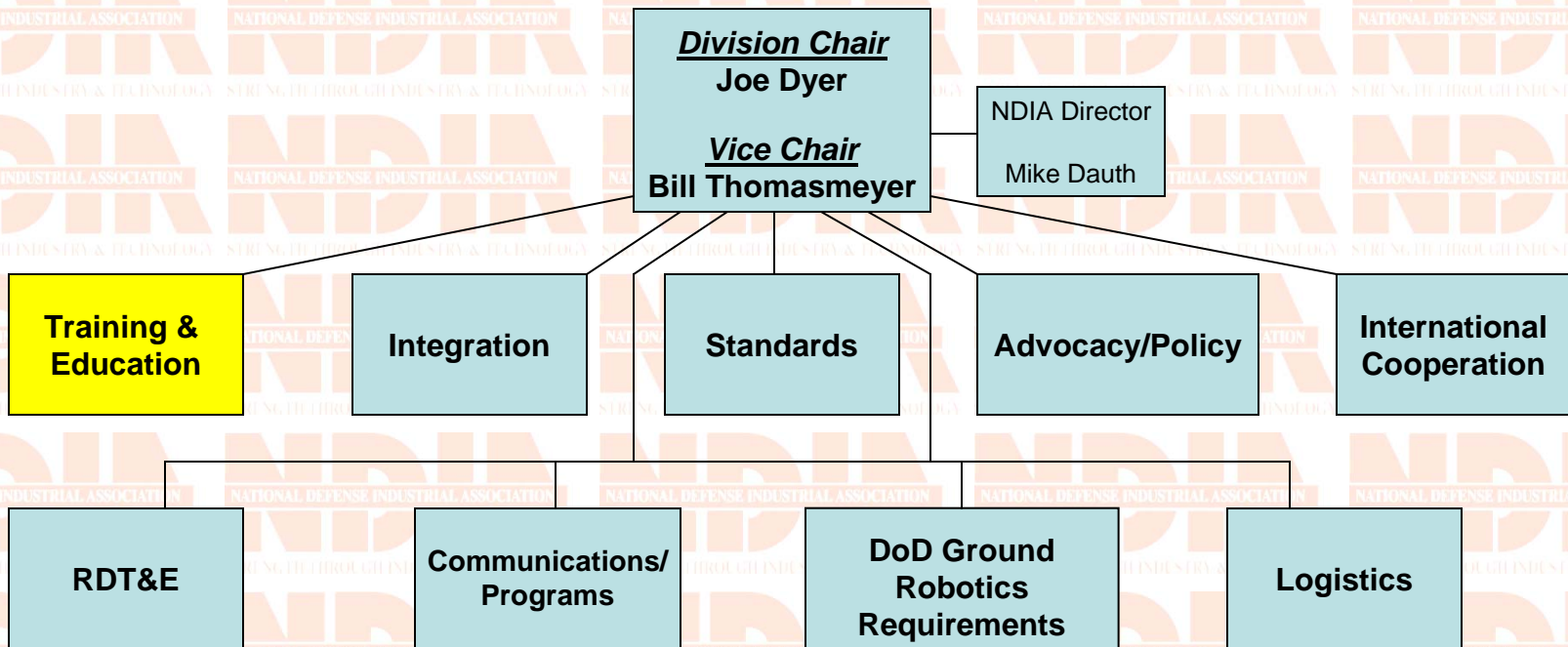
13 September 2007



The Voice of the Industrial Base



Training & Education Committee





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T&E COMMITTEE MEMBERS

✓ **Mike Gennert, Committee Chair**
CS Dept Head & Robotics Engineering Program Director
Worcester Polytechnic Institute

✓ **Steve Crump**
Business Unit Director, Training Development and Implementation
Dynamics Research Corporation

✓ **Todd Simonds**
Principal, Strategy
Concurrent Technologies Corp

✓ **Supported by:**
Stephen Swan
OSD-ATL



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T&E MISSION STATEMENT

Identify and promote training and education resources necessary to make the NDIA Robotics Division and its government sponsors successful.

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T&E GOALS

- ✓ Identify workforce development needs of the defense robotics industry.
- ✓ Work with government, public, private, and for-profit educational institutions to develop and deliver training and education to meet those needs.



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T&E ACTIVITIES

- ✓ **Understand how the military approaches the design, development, and implementation of training programs.**
Status: Reviewed overview of Instructional System Development (ISD), from AF Handbook 36-2235, Vol 1.
- ✓ **Survey the appropriate leadership (e.g., CIO, CTO, HR Director, Engineering Director) in NDIA Robotics Division member organizations to assess their workforce development needs.**
Status: No progress.



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T&E ACTIVITIES 2

✓ Outline workshops, short courses, and/or complete curricula to meet those needs.

Status: No progress.

✓ Identify educational organizations capable of developing and delivering those products and connect them with NDIA Robotics Division members.

Status: Compiled list of educational institutions engaged in robotics education.



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T&E ACTIVITIES 3

- ✓ **Build and publish an inventory of existing robotics E&T resources at all levels: associate, undergraduate and graduate degree programs.**

Status: Compiled list of university robotics faculty and courses offered nationwide.

- ✓ **Identify, publish, and promote industry internship opportunities in member organizations.**

Status: No progress.