



Strength through Industry & Technology



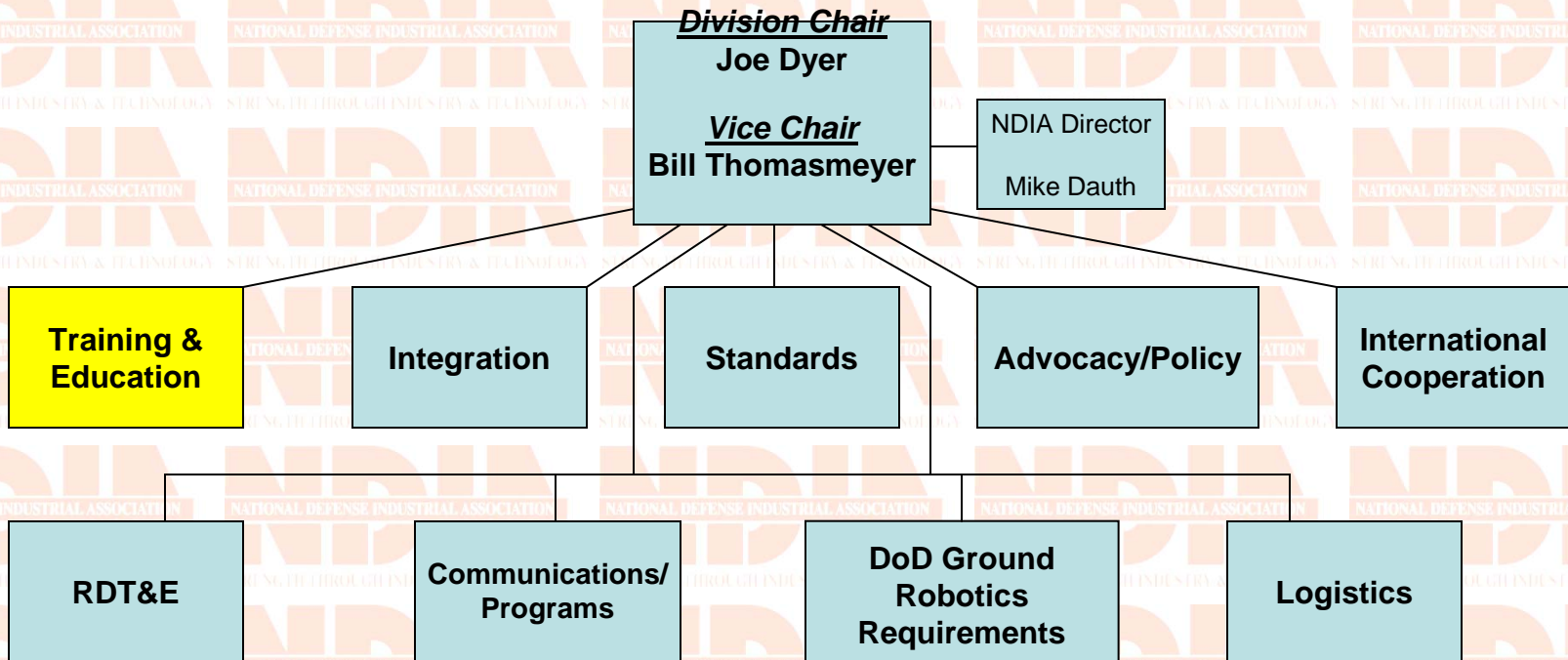
*Training & Education Committee
Robotics Division
Quarterly Meeting*

03 March 2008

 *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



The Voice of the Industrial Base



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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.

The Voice of the Industrial Base



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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.



The Voice of the Industrial Base



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T&E ACTIVITIES 1

- ✓ **Review Education and Training Committee charter in Robotics Technology Consortium draft agreement. Objective is avoid redundancy w/ NDIA Robotics Div. Status: Concerns raised w/ RTC Steering Committee**
- ✓ **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.**

T&E ACTIVITIES 2

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

Status: Started to compile list of university robotics faculty and courses offered nationwide to be updated, expanded, posted.

- ✓ **Conduct needs analysis of inventory.**

Status: Planned for 2009.

T&E ACTIVITIES 3

- ✓ 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: Deferred to future activity.

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

Status: Planning for summer 2009. Draft plan to be submitted by summer or fall 2008 NDIA meeting.

T&E ACTIVITIES 4

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

Status: Deferred to future activity.

✓ 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.