

Science and Technology Board

Minutes of the 28 November 2007 Meeting

1. BOARD COMPOSITION:

Dr. Marilyn M. Freeman (Chair)
Director, Natick Soldier Research, Development &
Engineering Center (Chair) - Present

BG R Mark Brown
Commanding General, Natick Soldier Systems Center /PEO Soldier - Present

COL Beau Freund
Commander USA Research Institute of Environmental Medicine – Represented
by COL Gaston Bathalon

Dr. Barbara A. Avellini
Director, Navy Clothing & Textile Research Facility - Present

LTC Craig Rettie
Project Manager
Force Sustainment Systems - Present

COL Gregory J. Ulsh
Garrison Commander, Soldier Systems Center Garrison - Present

Mr. Joe A. DeBlase
Chief Clothing Designer, US Coast Guard Clothing Design & Technical Office –
Not Present

The Honorable Daniel O’Connell
Secretary, Massachusetts Executive Office of Housing and Economic
Development – Present

Mr. James D. Shields
President/CEO, Draper Laboratory – Present

Mr. Mitchell Adams
Executive Director, Massachusetts Technology Collaborative – Represented by
Mr. Patrick J. Larkin

Mr. Robert L. Culver
President/CEO, Mass Development - Represented by Mr. Bill Burke

Dr. Jack M. Wilson
President, University of Massachusetts - Represented by Mr. Tom Chmura

Dr, Stephen A. Jamison
Chairman, Massachusetts Defense Technology Initiative - Present

Mr. Michael J. Ahearn
Director, Integrated Logistics, SBC – Not Present

Mr. A. Theodore Welte, CCE`
President, MetroWest Chamber of Commerce - Present

2. Agenda: Attachment 1

3. Discussions

The meeting was brought to order by Dr. Freeman
Since this is the very first meeting of this Board, each Board member introduced themselves and offered summary comments about the organizations they represented. The Honorable Dan O'Connell, offered the following opening comment (not a specific quote):

I was chartered by Governor Patrick to facilitate the mission of the soldier Systems Center as well as to serve as an economic engine in MA and am very pleased to participate. I want to commend and thank Dr. Freeman and BG Brown for organizing such an event and feel this will set the stage to grow the Center to greater import to the Army then it currently is.

The initial introductions and opening comments was followed by:

a. BG Brown - Provided the ensemble a perspective from the Army level down to the war fighter on the battlefield. Summary of extemporaneous comments:

- Welcomed the group and expressed appreciation for their time investment which reflects your commitment to our great Army.
- Army is proud to be in NE – birthplace of the Army;
- Some Perspective from the Army level:
 - We are about halfway through the largest organizational change in the Army since WWII.
 - The Army plans to grow by 65K over the next 5 years with an approximate price tag of \$70B between 2009-2013.
 - This is the first time we've had to sustain an all-volunteer force during a protracted conflict since the Revolutionary War.
 - We are challenged with restoring balance – reducing the focus on nation-building and irregular warfare to increasing attention to high-intensity, conventional combat, the service's traditional mission.

- In the process of evolving to the Future Combat System (FCS), the 1st major modernization effort in about 20 years.
- The Soldier (war fighter) is a critical node in the FCS network.
- GEN Casey, the CSA visited SSC - on the 16th of Nov. Left with SSC missions and people (soldiers, civilians).
- SSC touches every Soldier around the world everyday.
- In short Natick's impact on almost everything the Soldier wears carries or uses.

- The establishment of a Science and Technology Board bringing the public, private, and academic sectors, is very important.

- Expressed appreciation of the time and energy investment.

Opening comments followed by Charts which were handed out.

b. Dr. Marilyn Freeman – Expressed similar sentiments as those of the group and earlier speakers adding addition perspective. Although the STB is not an advisory group or a body that sets direction or strategies, it does offer the opportunity to provide significant value by creating a venue focused on information sharing and creating/furthering a shared vision, which is to preserve, promote and enhance the NSSC as one of the country's preeminent military, academic and industrial technology complexes. PEO-Soldier has laid the groundwork, in his opening, for the interests of the Army with respect to providing Soldiers (current and future) with the best materiel (clothing, food, shelters, etc.) which communicated responsibilities not only of NSRDEC directly, but the partnerships with Army Research Laboratory, and other Army Research Development and Engineering Centers, and the greater S&T community. (Charts used can be provided if requested.) She stressed that this Board at NSSC, besides local value, can play a more and most significant role of conduit to the big Army and its S&T needs. This becomes particularly true and important as the Natick Soldier Research, Development, and Engineering Center is chartered with the responsibility of integrating all things found on the Soldier. Dr. Freeman then went through her formal brief which spanned her mission, responsibilities, portfolio, the state of human capital, technical capabilities and gaps in capital investments. Charts supporting the discussion were provided.

c. COL Bathalon: COL Bathalon also covered the Army Research Institute of Environmental Medicine's (ARIEM) mission, facilities and capabilities, portfolio, strategic focus, collaborations/partnerships, and gaps. Charts supporting the discussion were provided.

4. Business Items:

a. Articles of Collaboration ratification: The Articles were ratified and all Board members signed accordingly. Photos were taken to document the milestone.

b. Discussion surrounding the operating principles, frequency of meeting followed. The group agreed that the Roberts Rules of Order should govern the

conduct of future meetings. Frequency of meeting by the Board was set to be quarterly, but recognizing demands for time for this high level group, the consensus set the target at quarterly, but felt would likely be the practical and defined this frequency as acceptable. Target time for the next meeting was agreed to take place towards the end of January 2008.

c. Dr. Freeman raised a number of questions for the working group to address and be prepared to discuss at the next meeting:

- Desired outcome of this endeavor
- Measure the success of this effort
- Board composition appropriate.
- Process for adding members
- Specific mission, vision, ways, ends, and means
- Next meetings agenda

She also expressed our intent to create a web site which will include mission, vision, membership, meeting agenda, slide presentations, and minutes starting with this one. The site would also be used to track efforts and a conduit for board communications. A goal is to be as transparent as possible.

d. The work group to deal with these issues would be the same group which has done the ground work to date. Each member of the Board has representation on this work group.

e. The recommendation was made that the Chief Counsel of the Natick Soldier Systems Center serve as legal advisor to the work group and to the Board.

5. Specific Tasks for the Work Group to address at the next meeting:

- a. Respond to all the questions raised above.
- b. Recognizing that it may not always be possible for every Board member to attend all the meetings, define what constitutes a quorum.
- c. Task newly designated Legal Counsel to provide a briefing on the circumstances when the Federal Advisory Committee Act (FACA) is/is not applicable.

6. Summary:

All expressed agreement that the potential in establishing this group was significant and were excited to participate. As the Chinese proverb says "A journey of many miles begins with the first step" and this was a significant first step.

AGENDA
SCIENCE AND TECHNOLOGY BOARD
28 November 2007

- 0800-0830 Administration
- 0830-0840 Opening Remarks/Introduction to SSC Organizations
- 0840-0915 Public Sector Members – Brief Introductions
- 0915-1040 Setting the Stage
- BG R. Mark Brown – Commanding General, Natick Soldier Systems Center/Program Executive Office - Soldier
 - Army Challenges with Focus on Connection to MA/NE
 - Dr. Marilyn Freeman – Director, Natick Soldier Research, Development, and Engineering Center
 - Strategic Direction and Challenges
 - COL Gaston Bathalon – Deputy Commander, US Army Research Institute of Environmental Medicine
 - Strategic Direction and Challenges
- 1040-1115 Business Topics
- Ratify Articles of Collaboration
 - Feedback
 - Path Forward
- 1115-1130 Press Event – Public Signing of Articles of Collaboration
- 1130 Meeting Adjourns