

NDIA Military Power Sources Committee

Chair: Jim Gucinski, Tiburon Associates

Vice - Chairs:

- Rebecca Morris, ACI Technologies
- Tom Byrd, Lockheed Martin MFC

May 6, 2009

Background

- Round Table at 2007 Joint Service Power Expo
 - Topic: Ability of R&D and manufacturing base to meet current and future DoD man portable power needs
 - Industry and Government Participants
 - Industry
 - JDMTP – Joint Defense Manufacturing Technology Panel
 - PSTWG – Power Sources Technology Working Group

Result of the 2007 Round Table

- Agreement to continue discussions
- Sponsorship of NDIA Manufacturing Division
 - NDIA Military Power Sources Committee
 - Industry Communication Interface with DoD
 - Quarterly Meetings

Charter:

To be the collective voice of industry to DoD / US Government on issues related to electro-chemical power systems while keeping the Warfighters' interest number one.

The above will be accomplished by quarterly information exchange meetings that encourage networking and joint issue resolution.

Objectives and Approach

Objective: Raise Importance of Power Systems

- Interaction with Government program officers and Defense Logistic Agency

Objective: Maintain / Establish Domestic Manufacturing base

- Forecasting
- Acquisition Strategy
- Minimum Sustainment and Ability to Meet surge Demands

Objective: Promote Technology Improvements

- Inputs to the power technology development roadmap
- Technology Insertion Processes

Objective: Standardization efforts- battery families, connector families

Recent Activities

Industry Review of PSTWG Roadmaps

- Reserve Batteries
- Secondary Batteries
- Fuel Cells
- Meeting at Defense Logistics Agency (DLA) – Richmond
 - Industry Representatives: 25
 - DLA and Government Representatives: 14
 - Discussions between government and industry about procurement
 - Agreement to continue discussions at DLA - Columbia
- Discussions with Army and Air Force representatives
 - Communication of Industry issues to DoD
 - Communication of DoD needs to Industry

Current and Future Activities

- Creation of white paper on Military Power Sources issues for circulation amongst US government policy makers
- Support Power Sources Roadmap evaluation
- Review of proposed DoD lithium rechargeable battery standard
- June Meeting with DLA - Columbus
- Participation and audience with applicable DoD personnel, DLA, CERDEC, PM-MEP, etc.
- Articles for National Defense and AMMTIAC Magazine
- Investigation of Communication Electronics (CE) Interfaces

Open Discussion

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