Outline

• Program Overview
• Employment, Requirements, Acquisition Objectives
• Schedule
• Technology Barriers
• Industry Opportunities
• Summary / Challenges
JB2GU Overview

• JB2GU is intended to be a modified COTS/R&D effort to satisfy the warfighter’s needs:
  – The JB2GU system will replace the current military Chemical, Biological, Radiological, Nuclear (CBRN) protective gloves within the JSLIST and Joint Protective Aircrew Ensemble (JPACE) ensembles
  – JB2GU optimal solution is for a single glove or glove system to meet all requirements
Employment Concept

- JB2GU replaces current CBRN protective gloves
- When worn with the protective ensemble, JB2GU will allow the warfighter to perform the full range of missions in CBRN environments worldwide
- JB2GU is required to fully integrate with the sleeves of the JSLIST and JPACE ensembles
- JB2GU will be compatible with cold weather and other outer gloves that may be worn over the JB2GU
- JB2GU will provide 24 hours of protection after 30 days of wear and provide flame resistance for aircrew and vehicle crew members
Requirements

• JB2GU will meet the requirements of the JSLIST and JPACE Operational Requirements Documents (ORDs). The JB2GU shall:
  
  – Provide protection against HD, GD, GB, and VX chemical agent challenges: 10 gm/m² liquid; 5000 ct vapor and aerosol
  – Provide 24 hours CB protection after 30 days of wear
  – Provide protection against Alpha/Beta dusty particles
  – Be resistant to Petroleum, Oil, and Lubricants (POLs)
  – Be flame resistant
  – Provide greater comfort, dexterity and tactility over current glove
  – Reduce sweat retention when compared to the current glove
  – Be compatible with sleeves of JSLIST and JPACE ensembles
  – Fit 5th percentile female – 95th percentile male with minimum sizes
  – Weigh less than 170 grams
  – Have minimum 5 years’ shelf life
Quantities / Funding

• Joint Acquisition Objective (AO):
  - Army: 500,000
  - Navy: 1,835,400
  - Air Force: 1,430,737
  - Marine Corps: 687,606
  - SOCOM: 161,528
  - Total: 4,615,271

• JB2GU Funding (based on FY 04 President’s Budget)
  - Research and Development funds programmed for FY03-05
  - Procurement funds programmed for FY06-09
<table>
<thead>
<tr>
<th>Event</th>
<th>Timeline</th>
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<tbody>
<tr>
<td>RFI Posting</td>
<td>3rd Qtr FY03</td>
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<tr>
<td>Industry Day</td>
<td>3rd Qtr FY03</td>
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<tr>
<td>Release RFP</td>
<td>4th Qtr FY03</td>
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<tr>
<td>Developmental Test I</td>
<td>3rd-4th Qtr FY03</td>
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<tr>
<td>- Tech Review</td>
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<td>- Human Factors</td>
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<td>- Physical Property</td>
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<td>- Field User Evaluation</td>
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<td>- Chemical Test</td>
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<tr>
<td>SSTEB Recommendation</td>
<td>2nd Qtr FY04</td>
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<td>Govt/Industry Meeting</td>
<td>2nd Qtr FY04</td>
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<td>BAFO</td>
<td>2nd Qtr FY04</td>
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<tr>
<td>Production Rep. Items</td>
<td>2nd-3rd Qtr 04</td>
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Schedule

- Developmental Test II  2nd Qtr FY03 – 1st Qtr FY04
  - FDDT
  - Qualification Test
- DT Final Report/Evaluations  1st Qtr FY05
- MS C  2nd Qtr FY05
- Low Rate Initial Production (LRIP) Contract  2nd Qtr FY05
- Deliver LRIP Test Articles  2nd Qtr FY05
- Operational Test and Evaluation  2nd-4th Qtr FY05
- Full Rate Production (FRP)  2nd Qtr FY06
- Initial Operational Capability (IOC)  2nd Qtr FY06
Technology Barriers

- Probable limit in technology advancements between JB1GU end and JB2GU start
## Industry Opportunities

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<thead>
<tr>
<th>Time Period</th>
<th>Description</th>
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<tr>
<td>3rd Qtr FY03</td>
<td>RFI seeking product information and/or samples</td>
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<tr>
<td>3rd Qtr FY03</td>
<td>Industry Day</td>
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<tr>
<td>4th Qtr FY03</td>
<td>RFP</td>
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Summary / Challenges

- JB1GU Acquisition Strategy was designed to rapidly field an improved chemical protective glove to meet SOCOM requirements with the other Services as Interest only.

- JB2GU seeks to leverage the test and development efforts of the JB1GU program by determining the level of investment needed to modify the existing COTS items vs. developing other COTS/GOTS technologies that could provide increased capabilities over current JB1GU candidates.