



ARMY EXPEDITIONARY WARRIOR EXPERIMENT (AEWE) BENNING 2018 SUBMITTER'S GUIDE



EXPERIMENT TIMELINE

AEWE Benning 2018 will be conducted in six phases.

1. Technology Selection (October 2016 – January 2017).
2. Supporting Plan Development (April 2017 – December 2017).
3. Network Integration and EXFOR Technical Training (October 2017 – January 2018).
4. Non-Networked Assessments (October – November 2017) *as required.
5. Live Force on Force Event (January 2018 – February 2018).
6. Deliverable Products Development (March 2018 – June 2018).

EXPERIMENT CONSTRUCT

The typical AEWE Benning experiment construct includes a live Infantry company headquarters, an Infantry Brigade Combat Team (IBCT) rifle platoon and a simulated rifle platoon. Sponsoring Centers of Excellence (CoE) are responsible for providing any additional MOS requirements other than 11B. Participation of other elements, such as a scout platoon or allied forces, are typical, but cannot be guaranteed on an annual basis.

Historically, AEWE Benning maneuvers have been a mix of mounted and dismounted operations but there is no dedicated vehicle set for AEWE Benning. Vehicles are requested on an annual basis depending on the existing experiment requirements.

The AEWE Benning ad hoc network is unclassified and loosely based on Capability Set 15 components with lower-tier program of record radios and a variety of systems to replicate the mid-tier network.

Fort Benning provides terrain to replicate doctrinal force frontages and depths for the maneuver elements participating in the experiment.

GENERAL GUIDELINES

AEWE Benning is an unclassified experiment. Classified technologies will not be accepted.

All costs of preparing, submitting, and presenting submissions for the experiment are solely those of the submitter.

Technology vendors will receive a capability and limitations report on their technology only.

All costs associated with participating in the experiment to include travel, shipping, technical training costs, technical integration costs, technology maintenance, and sustainment costs are the responsibility of the submitter.

All participating technologies must obtain an Army Test and Evaluation Center (ATEC) safety release specific to AEWE Benning 2018 at their own cost to participate in the experiment.

All participating aircraft must obtain an Air Worthiness Release for AEWE Benning 2018 IAW Army Regulation 70-62, Air Worthiness Qualification of Aircraft Systems.

Selected technologies must sign a Vendor Demonstration Agreement (VDA) in order to participate in the experiment. The VDA is an agreement between the vendor and U.S. Government that states the following:

1. Participating in experiment in any way does NOT obligate the U.S. Government to purchase or otherwise acquire the items or services demonstrated or displayed.
2. U.S. Government assumes NO cost or obligation, expressed or implied, for damage to, destruction of, or loss of any vendor provided equipment or materiel used in the experiment.
3. The government is NOT responsible for any lodging, transportation, and meals and incidental expenses incurred by technology providers during the experiment.
4. U.S. Government is NOT bound nor obligated in any way to give any special consideration to the vendor on future contracts as a result of this experiment.
5. Display of vendor's product, its capabilities, and the presentation of any technical data associated with it may involve the participation of foreign military personnel assigned as liaisons to the U.S. Army and other components of the Department of Defense (DoD), as well as personnel of U.S. coalition partners. Such displays and disclosures may be considered an "export" of technical data under the International Traffic in Arms Regulations (ITAR), 22 CFR Chapter I, Subchapter M.

Selected technologies will be required to participate in three Coordinating Working Groups (CWG) in order to complete pre-experimentation planning and administration requirements.

- CWG 1: April 2017 at Fort Benning, GA
- CWG 2: August 2017 at Fort Benning, GA
- CWG 3: December 2017 at Fort Benning, GA

Selected technologies will be required to provide New Equipment Training (NET) to Soldiers who will employ their technology during the experiment. Training will be conducted from October 2017 to January 2018 at Fort Benning, GA. Training slots will be scheduled during CWG 2 (August 2017) based on technology provider input. Required resources (time, classroom facilities, ranges, etc) for training must be requested NLT CWG 2.

Selected technologies to be integrated with other systems or the AEWE Benning network will be required to conduct the integration necessary to employ their technology during the experiment. Technology integration will take place from October 2017 to January 2018 at Fort Benning, GA.

SUBMISSION INSTRUCTIONS

Submissions are due no later than 5 October 2016 and must be emailed to: usarmy.benning.tradoc.mbx.mbl-expeditionary-warrior-experiments@mail.mil.

Please allow a minimum of three business days for submission processing. All submissions will be acknowledged via e-mail to the submitter's email address. Submitters will be notified of any errors in their submission and will be given five business days to resubmit. All correspondence pertaining to the technology selection process will be sent to the original submitter's email address unless a change is requested by the vendor.

Submissions must include the following documents:

1. Quad chart prepared using approved AEWE Benning 2018 template in Microsoft (MS) PowerPoint.
2. White paper prepared using approved AEWE Benning 2018 template in MS Word. The white paper should not exceed three total pages including coversheet.

Document file names must be named in the following format:
Technology Name White Paper Date. Example: Rover White Paper_01OCT16 or Rover Quad Chart_01OCT16.

Due to the large number of technologies in the Experiment, AEWE Benning will coordinate with one point of contact (POC) per technology after selections have been made. The quad chart and white paper must list the same POC. This POC should be someone who can answer technical questions about the technology and be authorized to make commitments on behalf of the technology. Should a change to your POC occur at any time during the experiment, you must notify AEWE Benning team and submit a new quad chart and white paper.

NO PDF DOCUMENTS will be accepted. Documents submitted in PDF or any format other than MS Word (white paper) and MS PowerPoint (quad chart) will result in submission rejection.

NO CHANGES TO THE AEWE Benning TEMPLATES are allowed (font type, font color, font size, bold text, italic text, template margins or other changes). Submission documents not in accordance with the AEWE Benning templates will result in submission rejection.

NO PROPRIETARY INFORMATION will be accepted. All submission documents must be approved for public release and no documents with proprietary markings of any kind will be accepted. Documents with proprietary markings will result in submission rejection.

NO CLASSIFIED INFORMATION will be accepted. All submission documents must be unclassified and approved for public release.

Submission of additional information such as videos, brochures, or other technology material is not allowed and will not be considered as part of your submission.

SELECTION CRITERIA

1. **Experiment Objective Relevance.** Which experiment objective does the technology address? List the experiment objective this technology is aligned with and elaborate on how this technology addresses that objective. Refer to objectives listed in the technology call memorandum.
2. **Military Problem Relevance.** What is the military problem this capability addresses? Reference the applicable Army Warfighting Challenge(s), established capability gap(s), approved requirement(s), etc.
3. **Technology Readiness Level (TRL).** What is the current TRL level of the technology? Is the technology mature enough to assess in an operational environment?

4. **Domain Knowledge.** Does the vendor have the resident knowledge to address the experiment objective and support the integration and participation of the technology in the experiment?
5. **Availability.** How many systems can the vendor provide and what is the proposed employment level (individual Soldier, squad, platoon, or company)? Is the technology available in sufficient numbers to support the experiment? For example, if the technology is proposed to be implemented at the squad level, can the vendor provide enough units to equip an entire squad?
6. **Nett Warrior Future Initiatives Integration.** Is this technology currently integrated with Nett Warrior, or does the vendor desire to be integrated with Nett Warrior?
7. **Network Integration.** Is this a network integrated technology? What frequency does the technology operate on? What waveforms is the technology compatible with? Is the vendor willing to integrate with the network or other technologies (if applicable)?
8. **Trainability.** How long does it take to train Soldiers to proficiency on the technology and what resources does training require?
9. **Past Performance.** Does the technology provider have a good record of performance in the Science and Technology community?

SELECTION TIMELINE

O/A 1 SEP 2016: Technology Call released.
05 OCT 2016: Technology submissions due.
12 – 26 OCT 2016: CoEs conduct internal Pre-Selection.
2 NOV 2016: Pre-selection results and briefing schedule released.
7 DEC 2016: Briefings for Tier II and Tier III technologies.
O/A 04 JAN 2017: Preliminary technology selections announced (subject to ARCIC final approval – Mar 2017)

SELECTION PROCESS

CoEs will conduct internal pre-selection of candidate technologies 12-26 October 2016 using a tiering process to determine which technologies will be required to brief the Technology Selection Committee.

Tier I. Select – No requirement for briefing.

Tier II. Possible Select – Briefing via telecon to the Technology Selection Committee.

Tier III. Possible Select – Briefing in person to the Technology Selection Committee.
Tier IV. Non-Select – No requirement for briefing.

NLT 2 November 2016, pre-selection results (tiering) will be published to all submitters. Tier I and IV technologies have no requirement to brief the Technology Selection Committee. Tier II and III technologies will receive a briefing schedule with specific coordinating instructions and will be required to present a briefing to the Technology Selection Committee on 7 December 2016. Tier II technologies will be asked to brief via telecon and Tier III technologies will be asked to brief in person before the Technology Selection Committee at Fort Benning, GA.

Tier II and III technology briefings will consist of a 10-minute presentation. The technology's submitted quad chart will be on display in the room and is the only a visual aid allowed. All technology white papers will be available for the Technology Selection Committee to review, if needed. Additional materials such as brochures, videos, or equipment (including the actual technology) are prohibited during briefings.

Only one person will be allowed to brief the technology. Vendors may bring other parties to technology selection, but only one person will be allowed into the conference room to brief the Technology Selection Committee.

If presenters are not present for their scheduled briefing time for any reason, their briefing will be moved to the end of the day or next available time. Technologies that fail to appear for presentation will not be considered for selection.

Preliminary technology selections will be announced via e-mail once the preliminary technology selection list has been approved by the government O/A 4 January 2017. All technology selections are preliminary pending ARCIC final approval in March 2017.

The POC for all technology submissions and questions pertaining to the selection process is Mrs. Angie DePuydt at angela.k.depuydt.ctr@mail.mil or (706) 545-6177.

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