



TCM-ABCT & RECON SITREP (week of 19 October 15)

22 October 2015

View activities, updates, and products available from TCM-ABCT and Reconnaissance by following our milbook location at <https://www.milsuite.mil/book/groups/t>

1. ABCT

a. Abrams.

1) The Master Gunner will attend the Abrams User Nation Group (ABRUNG) at Sterling Heights 26-29 October. Our office was asked to provide a briefing covering U.S. lessons learned and TTPs on deploying the Abrams during Wide Area Security (WAS) operations over the past 10 years.

2) A group from PEO STRI and PdM Abrams went to APG to investigate a solution for the interference caused by the CVTESS MILES transmitter and the LP CROWS. With a slight modification to how the transmitter integrates onto the transmitter mount all interference can be eliminated.

3) The Abrams TADSS lead is working with TCM-Live to coordinate for data collection on an M1A2 SEPv2 ISO of a Job Performance Aids video on the Main Gun Signature Simulator (MGSS). This is in support of the Combat Vehicle Tactical Engagement Simulation System (CVTESS) Job Performance Aids to assist with home station training. We will continue to support with the project video shoots to be conducted in April.

b. Bradley.

1) The Bradley Technical Advisor traveled to Sterling Heights, MI this week to participate in the System Safety Working Group (SSWG) meeting for the Bradley ECP and A3 programs. The focus of this meeting is to continue to evaluate the environmental and safety hazards previously identified in the January SSWG.

2) The Bradley TADSS lead is at Camp Ripley, MN ISO of installation and troubleshooting of CVTESS ISO the 1/34 ABCT (MNARNG) during a battalion level collective training event in preparation for their scheduled NTC rotation in June 2016.

c. AMPV.

1) Mike Sjostrom and Ron Kuykendall participated in the close out of remaining PDR artifacts for the AMPV Mission Command variant. These actions included defining functions required at specific workstations, external Vehicle Interface Panel and various interface solutions. Continuing actions include further definition for evaluation of the field transfer of mission equipment from one mission role vehicle to another and conditions for Silent Watch mode.

2) The team supported the AMPV DT Planning Working Group by teleconference. Major points of discussion included Reliability Testing Common Data Collection Taxonomy, Test Ammunition Forecasting, Mission Command Variant mission role testing (Testing required to support Safety Release for the four mission roles planned for the Limited User Test) and property accountability. No actions for TCM ABCT were recorded during the meeting will continue to

monitor and support future quarterly meetings between the various PMs providing equipment for AMPV.

3) The team supported the PM-to-PM Government Furnished Equipment synch meetings. Major areas of discussion of operational concern included the Joint Chemical Agent Detector, and the procurement of additional Smoke Grenade Launchers (M259 and M257) to support AMPV requirements. Will coordinate with Mounted Requirements Division to address PM AMPV concerns.

d. Formation and DOTLFP Integration:

1) Doctrine, Organization, Personnel and MC-Network (DOP/MC-Net) – This week Ron Kuykendall is supporting CDD's Force Design Assessment effort(s) in response to a TRADOC tasking for Force Modernization (FM) Proponents to provide input to the Total Army Analysis (TAA) at Sterling Heights, MI. Two force structures are considered; one based on levels established within the President's Budget, and one based on further reductions due to the Budget Control Act. FM Proponents will provide their initial assessments to ARCIC, FDD, NLT 10 Nov 15 and their final inputs NLT 15 Jan 16.

2) Training, Leader Development, and Safety Integration (TLS):

a) Support for the DoD IG Audit Team continues albeit on a reduced basis than originally planned. We will review the IG team's DRAFT deliverables and make recommendations to the team and the unit.

b) Marksmanship Master Trainer Course (MMTC) - The MCoE initiated the MMTC to qualify NCOs as Marksmanship Master Trainers. Master trainers will provide commanders with expert trainers who understand how to train marksmanship and how to train and develop primary and assistant instructors who have a foundation and understanding for marksmanship training. For more details on the course see <http://www.benning.army.mil/armor/316thCav/129/mmtc/>

c) The Army Publishing Directorate has published FM 3-96, *Brigade Combat Team* (dtd 08 October 2015). The publication describes relationships, organizational roles and functions, capabilities and limitations, and responsibilities within the BCT. FM 3-96 applies to Infantry, Stryker, and Armored Brigade Combat Teams. The digital publication is available here: http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_96.pdf

d) During the AUSA conference, a panel discussion focused exclusively on NCO development was conducted. The professional discussion titled, "*NCOs Operation in a Complex World*," provided information on how the Army will train adaptive and innovative Soldiers who can thrive in any operational environment. There is information on the new S.T.E.P. policy (Select, Train, Educate and Promote) which goes into effect on 01 JAN 2016. The discussion also includes information on Army University, promotion boards, and broadening assignments. View the discussion at https://youtu.be/X10oR_AWDMw

e. Large Caliber Ammo: Mr. Kuamoo is continuing work on several projects:

1) Observing live fire activities at NTC 16-01 for 1/1CD this week. Key outcomes to be provided in next week's report.

2) Continuation of coordinating efforts to facilitate ARDEC technical support at Ft Benning. This effort is being generated in response to A-BOLC and 1-81 Armor reports of excessive residue in the gun systems after firing M865 training sabot rounds. This residue has resulted in preventing 2 M831A1 training HEAT-TPT rounds from being fully chambered into the gun. Target dates for this evaluation is during the next 1-81 Armor live fire the week of 2-6 November.

3) Assisting MRD in a visit to Ft Benning by ARDEC personnel during the week of 2-6 November. The purpose of "ARDEC Greening" is designed to familiarize new engineers on operations of mounted systems in the field. Activities include classroom briefings, vehicle hands-on (non-firing) familiarization, simulations training, and viewing of live fire exercises on unit range for the visitors.

5) Continuing to monitor the delivery of six M1002 Frangible Nose (FN) rounds to Korea. Additionally, we'll observe live fire of the M1002 at Aberdeen Proving Grounds the week of 26 October. This continues the process to down select a single frangible nose design.

f. Futures Integration:

1) The team continues to develop the ABCT learning demands and essential elements of analysis derived from the Army Warfighting Challenges and the Combat Vehicle Modernization Strategy. The learning demands will be incorporated into the analysis plan of the modeling and simulation effort supported by the Maneuver Battle Lab to inform the ABCT OMS/MP, O&O, and the APA/CPR which reflect the new K-series TO&E and Abrams and Bradley vehicle modernization efforts.

2) The divestiture study GOSC asked for confirmation of the TCM-ABCT recommendation to not fully divest of the M231 5.56-mm Firing Port Weapon. TCM-ABCT continues to support retaining enough M231's for use as a close defense weapon until the Commanders Independent Weapon System (CIWS) is integrated on the BFV. This is in line with the BOIP change recommendation submitted by ARCIC in July 2015.

g. Sustainment and Logistics Integration:

1) Mr. Harper published an entry on our milbook suite that provides a number of updates to maintenance publications for the MTV, M1A1, and PLS platforms. View the updates here: <https://www.milsuite.mil/book/docs/DOC-231754>

2) MSG Kennedy will accompany the Director, TCM ABCT to the M88 bi-annual Program Management Review (PMR) on 27-29 October at BAE facilities in York, PA. The three day venue will focus on tech review's which will include top key work directives.

2. RECON.

a. R&S Concepts and Analysis:

1) Scout of the Future (SotF): TCM Recon is preparing for WG#2 on 26 OCT, to finalize recommended KSAs at the core, individual, and unit level. These recommended KSAs will be presented to the CoAR for approval and incorporated into the R&S CBA FSA refinement. Once the KSAs are approved, TCM Recon will begin SotF concept and implementation plan development.

2) R&S CBA: FSA refinement continues as we incorporate the SotF KSA solution recommendations as well as reorganization of the FSA for senior leader decision briefs.

3) CAV SQDN O&O: The O&O final draft is ready for Chief of Armor Review, currently preparing the decision briefing and coordinating decision briefing dates with Director of Doctrine and the Chief of Armor. The O&O supplement is being developed to capture all of the relevant information no longer a part of the 10 page Squadron O&O. The O&O supplement is expected to be completed on or about 30 OCT.

b. R&S, LRS Support:

1) R&S BCT Implementation (ARCIC): Answering RFIs in support of preparation for the OCT 2015 CIEF.

2) TCM Recon Running Estimate: Began preparation of a TCM Recon Running Estimate distributed monthly highlighting known & projected significant R&S and LRS DOTMLPF activities or changes.

c. CATR:

1) CATR Fielding Decision Documentation Tailoring Plan: Continuing to review CATR Subject Matter Expert target audience.

2) Life-Cycle Sustainment Plan: Continuing to coordinate the LOG DEMO to be conducted JAN 2016. LOG DEMO will focus on verification of manuals.

3) Test Evaluation Strategy Review (TESR). Continuing to develop evaluation criteria and data sources to be used for evaluation.

4) CATR Training Development: TCM Recon continues supporting role in development of Training Support Packages. Provided CATR technical manuals to DoTD Systems branch for evaluation.

5) Coordinating BOIP Feeder Data with PdM GS. Awaiting assignment of a developmental line item number for CATR Basic Set.

d. Recon Knowledge Network:

1) RKN milSuite Site: Developing way forward to make this site more popular and user-friendly across the force to maximize the collaboration capabilities. Working analysis of number of members, level of participation, and advertising to current R&S formation leaders.

3. Upcoming Events.

a. ABCT

- 26-29 Oct - Abrams User Nation Group (Warren, MI)
- 26-30 Oct - M1002 Live Fire (APG, MD)
- 27-29 Oct - CMUR Storage and fielding working group (Orlando)
- 29 Oct - Joint Chemical Agent Detector (JCAD) integration User Jury (Warren, MI)
- 02-06 Nov - Multifunction Vehicle Port CMUR Form, Fit & Function (Warren, MI)
- 16-19 Nov - AMPV Human Factors (MANPRINT) Testing (Santa Clara, CA)
- 30 Nov-04 Dec - CCTT IPT (Orlando)
- 30 Nov-05 Dec 15 - Unit Visit to 8A/2ID RAF (2/1CD) (ROK)
- 30 Nov-10 Dec - LP CROWS User Jury (APG)

b. RECON

- TBD NOV CATR user evaluations, FPLA
- 26 OCT: SotF WG#2
- 4 NOV: Cavalry Council / Warfighter Forum, FBGA
- TBD Cav Sqdn O&O Decision Brief to Director, Doctrine
- TBD Cav Sqdn O&O Decision Brief to Chief of Armor
- TBD Scout of the Future Update to Chief of Armor

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