



TCM-ABCT & RECON SITREP [week of 02 May]

03 May 2016

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1. ABCT

a. Abrams.

1) Team Abrams participated in the validation and verification of the Crew Modular Unit Recorder (CMUR) Operator and User Manual (OUM) at APG, MD. Tom Tysor and SFC Williams performed the procedure as written in the manual and created red-lines of documentation inaccuracies. SFC Williams performed the install and represented the user interface for the process. The next planned event is for a limited (5 rd) shock and vibe test with the CMUR installed during a live fire session at APG in July.

2) Team Abrams assisted PdM Abrams and PM CSW with installing the LP CROWS on a MCoE M1A2 Abrams to support the LP CROWS demonstration on 6 May at the DMPCRC to GEN Perkins and GEN Abrams. Our office has also been in close coordination with 194th to ensure the demonstration is ready for execution. A rehearsal is scheduled for 5 May.

b. Bradley.

1) ATCM attended the Bradley Program Management Review to receive a complete laydown of the ECPII development program status. During the update there were areas identified that require attention prior to the ECP II vehicle conducting qualification testing. All of the areas highlighted have a path forward to address. A Test Readiness Review will be conducted on 3 May with Mr. Dave Rogers to discuss these.

2) ATCM met with the PM to provide technical support for the onboard video/audio recording. Mr. George Moore provided the group information regarding the implementation of the current Crew Module Unit Recorder (CMUR) that is attached to the vehicle during gunnery training to record crew actions, sighting systems and record voice commands of the crew. The hard drive space requirement is an area that needs to be reviewed if recording is conducted on each vehicle.

c. AMPV.

1) Mr Williford and SFC Tyler completed coordination with PM AMPV, CASCOM, and MCoE DOTD to update the AMPV STRAP IAW inputs from the ABCT Strategic Summit Council of Colonels (CoC). CASCOM provided MCoE, DOTD the required information to update the STRAP. DOTD is updating the STRAP, reflecting CASCOM's institutional maintenance strategy. DOTD plans to complete staffing the update prior to AMPV CDR (20 Jun 16).

2) The AMPV Team voiced concern with the location of GPS #2 antenna during the AMPV Vetronics IPR #2. Current design attaches the GPS #2 antenna to a riser that is part of Theater provided equipment. PM AMPV and BAE are reviewing the issue. Also during Vetronics IPR #2, the group discussed a logistics concern with the connectors on the Special Power Management Unit (SPMU) LRU in the Mission Command variant AMPV. Initial reporting indicates this has an impact to more systems than the AMPV. The vendor is reviewing this concern.

d. Formation and DOTLPP Integration:

1) Doctrine, Organization, Personnel and MC-Network (DOP/MC-Net):

a) The Network team continues to work with ARCIC (CARD and LWN) in responding to a WIN-T BOI change that would remove the Soldier Network Extensions (SNE) from the Cavalry Troop XO's Mission Command (MCcmd) AMPVs. We are clarifying misunderstandings in terminology and approach to answering a request to reduce SNEs in the formation, as part of the Network Capability Review (FY14). Initial recommendations removed SNEs from AR, IN Companies and CAV Troops. Army leadership determined this reduction from 45 to 24 SNEs in the formation was excessive. A second recommendation increased SNEs retained from 24 to 31. This action reallocated SNEs to the CAV Troop XO MCcmd AMPV. This recommendation was based on CAV Troop operational need, mission tasks and vehicle capability. SNEs at AR and IN Companies were deemed Mission Enhancing versus Mission Essential and remained under the "cut-line". These SNE actions were validated as part of the larger ABCT Network BOI review at Ft. Benning, June 14. The results of this event has served as the referenced Network BOI for various program developments since. During the Mission Command Summit, MCCoE, May 16, TCM Network and Services was directed to redistribute the CAV Troop SNEs based on these elements being a Company level echelon. As a result, TCM N&S is staffing a BOI change that removes SNEs from the CAV Troops. We highlighted this action during LTG McMasters' visit last week and will continue to work with ARCIC to resolve this issue.

b) The Network Team provided PM AMPV updated accelerated European Reassurance Initiative (ERI) Brigade Sets network solutions. The AMPV ERI network strategy is a network solution that identifies a mix of current/legacy radios to provide required compatibility with current formation networks and also provides an option for WIN-T inc.2 (OTM) capabilities by retaining current AMPV design provisioning.

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

a) TLS and CDIDs Test and Analysis Office (T&AO) are convening work groups to conduct DOTMLPP-P assessments for the Denied Degraded Disrupted Space Operating Environment (D3SOE). CDID is the lead effort for the assessment, and the subject will be a focus during the next Army Lessons Learned Forum (ALLF) GOSC in June 2016. Work group products are on a JLLIS binder at <https://www.jllis.mil/apps/index.cfm?do=cops.view&copid=1038>

b) Team TLS is preparing for three separate unit visits to ABCTs conducting CTC and RAF training activities; 1/3ID(-) participating in *Combined Resolve VI* at JMRC (Hohenfels) from 13-25 May <http://www.eur.army.mil/jmtc/CombinedResolve.html> ; 1/3ID participating in *Operation Anakonda* in Poland from 5-16 June <http://www.eur.army.mil/roadtoanakonda/> ; and 1/34 ABCT (MNARNG) at NTC Rotation 16-07 from 15-24 June.

c) The team continues to review CO-BDE collective tasks with the MCoE DOTD Collective Training Branch. Common ABCT tasks are being used as a baseline to build IBCT and SBCT tasks. To eliminate redundancy, a few tasks are being revised to affect all formation types. During this process, we are including BCT specific examples to ensure leaders understand these differences.

e. Large Caliber Ammo:

1) Mr. Kuamoo monitored the performance of main gun ammunition at FCCO with 3/4ID last week. There were multiple reports of excessive residue in the gun chamber after firing training sabot ammunition, LOT# ORI15G145M006. This LOT uses the Advance Case System (ACS) and due to the amount(s) of excessive residue, it has been suspended from use Army wide. In the days that followed, Mr. Kuamoo and on-site personnel determined it was not the ammunition that

was the cause of the flareback; it was an unserviceable cam bracket operating cable with clearance greater than .010 inches, a missing mounting bolt designed to secure the cam bracket to the breech assembly, and an unserviceable O ring on the bore evacuator. Further compounding the issue was a possibility the crew did not wait the prescribed amount of time between firing if a spent case base does not properly eject.

f. Futures Integration:

1) Futures represented TCM-ABCT at the Next Generation Close Combat Missile-Heavy working group meeting chaired by Firepower Branch, SRD. Intent of the meeting was to determine the road map for developing requirements for the next generation Close Combat Missile-Heavy. Meeting attendees included representatives from TCM IBCT, TCM SBCT, SRD, MCoE G2, PM CCWS, AMRDEC, and PEO Missiles and & Space. The last Capabilities Based Assessment for Close Combat Missiles identified capabilities through FY18 for IBCT and SBCT. The proposed way ahead is to update the CBA and include the ABCT. Pending further guidance in the form of a tasker from ARCIC, the next generation missile will require a CDD in order to capture new requirements and leverage new technologies not addressed in the current CCMS-H Increment I CPD.

g. Systems, Sustainment and Logistics Integration.

1) Mr. Tom Tysor, George Moore, and MAJ Polak participated in a working group hosted by Combined Arms Command Training (CAC-T) in order to receive a status update on the path forward for the Close Combat Tactical Trainer (CCTT). Earlier in 2015, MCoE expressed their position to keep CCTT in the Production and Deployment (P&D) phase until the Army develops a suitable replacement or the Abrams and Bradley move into Operations and Support (O&S) phase. This position is still the most viable and the relevant Course Of Action (COA) in order to maintain concurrency with inbound Engineer Change Proposal (ECP) and seems to be the supported COA that CAC-T is executing. Future funding will not support a prolonged sustainment demand of current and legacy training devices so TCM Integrated Training Environment (ITE) is developing a strategic approach to invest in future capabilities incrementally. TCM ABCT will participate in an ITE WG later this month intended to develop the draft requirements for the future Synthetic Training Environment (STE).

2) PdM Bradley has finalized the next version of Bradley -10 Technical Manuals. Instead of two volumes, the version that will be published and issued to the ABCTs will be a single volume. The single volume will contain all the same operator instructions that the previous two volumes possessed but will number over 2000 pages. A follow-on version will be developed to reduce that page count closer to the standard 1500 page count per volume by reviewing areas for efficiencies such as the Table of Contents, Cautions and Warnings, line spacing, and each figure/images size, spacing, and page positioning. TCM ABCT will continue to coordinate closely with PdM Bradley and the Equipment Publication Control Office in TACOM to the implementation of all future operator manual revisions.

3) MSG Kennedy continues to support Network Integration Exercise (NIE) 16.2 as an Observer Controller until 17 MAY 2016.

ARNG LNO:

1) 1/34th ABCT (MN ARNG) in final stages of NTC 16-07 rotation (box dates 11-24 June) Approval and logistical movement of service 120mm HE ammo on going for 1/34th ABCT live fire at NTC. 1/34th is also scheduling an AAR meeting 17-18 Sept for the rotation. The 17th will be a Tactical level review followed by a strategic AAR with the Director of the ARNG on the 18th.

Event to be held in Minneapolis MN. The five remaining ARNG ABCT CDRs and staffs have been invited to the AAR weekend.

2) The ARNG M1A1 Master Gunner ASI add on course is approved. The new course is an ATTRS stand-alone 10 day course funded by NGB and taught at the Warrior Training Center, FBGA. The course will immediately follow the M1A2 MG course which will be a prerequisite. This additional course will give ARNG MG both A8 M1A1 and K8 M1A2 MG ASIs. ARNG MG in M1A1 units track will be 2 week ATAC (Abrams Training Assessment Course or pre-MG course) taught at the WTC, followed by the M1A2 MG course, then returning to the WTC for the 10 day M1A1 course. Throughput annually expected to be about 10 soldiers

2. RECON.

a. R&S Concepts and Analysis:

1) R&S BCT Implementation: NO CHANGE: TCM-Stryker leads the 1/4 SBCT R&S BCT Excursion. We will continue to collaborate with TCM-Stryker and 1/4 SBCT to complete mission analysis and begin development of the MCoE support plan for the R&S BCT Excursion.

2) Standard Scout PLT O&O: Standard Scout Platoon O&O is undergoing DOTD editorial review prior to external staffing. Once guidance is received, or after DOTD editing is complete we will update the O&O and begin the external staffing process.

3) R&S CBA: The Functional Solutions Analysis (FSA) submitted to ARCIC on 11 April 16 continues in the staffing process.

4) Support to Unified Quest 5-13 May. Requirements are to provide two action officers to serve as the OIC for the R&S Syndicate Cell and the SME for the R&S BCT and the Cavalry Group O&O efforts.

5) Support to Unified Challenge 16.2: TCM-Recon participated in the UC 16.2 Initial Planning Conference (IPC) on 28 April 16. UC 16.2, 1-12 Aug, is the 2nd of 3 GAMEXs designed to help refine O & O development and drive analysis of the A2020 force. TCM Recon's anticipated support requirements are still TBD at this time.

6) MCoE Focused Assessment (FA) – Scout Section, 16-20 MAY (FBGA): TCM Recon will observe the Scout FA focused on demonstrating a scout section employing ground sensors, ground surveillance radar, and Soldier Borne UAS. The event includes two system training days with vendors, two days of mission sets employing the sensors, and AAR on the final day.

b. Senior Leader Updates. TCM Recon provided input to ARCIC FDD request for information paper on the MICO to the CAV SQDN FDU being developed. Since the ARCIC Director's initial guidance to prepare this FDU there has been many stakeholders to voice concern on this requested move. The information paper was developed to support the leader engagement reference this topic.

c. CATR: TCM-Recon, DOTD, and PdM GS continues development of lesson plans in support of CATR NET and Fielding. We are preparing for a tentative CATR Synch Meeting with PdM GS on 26 MAY 16 to discuss the training development process and review way forward to enable the upcoming AUG 16 fielding decision.

1) CATR O&O: Review of the initial draft of CATR O&O continues. The O&O will support the development of the training strategy and efforts with PdM.

2) CATR Lesson Plans: Continuing to support the development of CATR overview and tagging tracking and locating lessons plans. Continuing review of proposed device lesson plans.

3) CATR Task List: Developing CATR new equipment training critical tasks to inform the NET Plan, DTT Plan, and facilitate the upcoming teleconference.

4) CATR BOIP: Adjudicating comments from USASOC and USAFMSA. ICoE is reviewing BOIP for EMIB's

Upcoming Events.

a. ABCT

- 02-06 May - Sullivan Cup (FBGA)
- 03-05 May - Abrams APS Placement Trade Study (Sterling Heights, MI)
- 09-13 May - AMPV Variants IPRs (SHMI)
- 10-11 May - Abrams PMR (TACOM)
- 11-13 May - Bradley CVTESS SME Support (FCCO)
- 13-25 May - Unit Visit to 1/3ID(-) @ Combined Resolve VI (Hohenfels)
- 15-27 May - Abrams SW 4.6 Beta Test (APG, MD)
- 16-19 May - Synthetic Training Environment Working Group (FLWKS)
- 05-10 Jun - CVTESS SME Support to 1/34 ABCT MNARNG (FICA)
- 05-16 Jun - Unit Visit to 1/3ID @ Anakonda 16 (Drawsko Pomorski, Poland)
- 06-17 Jun - Abrams SW 4.6 Beta Test (APG, MD)
- 07-08 Jun - M88 PMR (TACOM)
- 15-24 Jun - Force on Force Coverage of NTC 16-07 (1/34 MNARNG) (FICA)

b. RECON

- 5-13 MAY: Unified Quest (Carlisle Barracks)
- 10 MAY: EOIR Working Group (FBGA)
- 12 MAY: EOIR Recon Sensor Performance Analysis Brief (FBGA)
- 16-20 MAY: MCoE Focused Assessment – Scout Section (FBGA)
- 16-20 MAY, CATR Analyst Course Development (Clarksville, TN)
- 31 MAY – 2 JUN: MCoE Focused Assessment – Micro-Doppler Radar (FBGA)
- 16 JUN, UC 16.2 Mid Planning Conference
- 13 JUL, UC 16.2 Final Planning Conference
- (T) 13 JUL, RECON Council
- 19-21 JUL, 16.2 Rehearsal of Concept
- 01-12 AUG, UC 16.2 Execution

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