



TCM-ABCT & RECON SITREP [week of 30 May]

31 May 2016

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1. ABCT

a. Abrams.

1) Team Abrams participated in the testing of Crew Modular Unit Recorder (CMUR) with the new Training Port at APG, MD. This was a retest to insure that the adaptor cable captured the CROWS II feed. The issue was not the adaptor cable or the Training Port, it was the older version of the CROWS II software that was baselined for the Government testing. APG personal replaced the CROWS II software with updated software and the CMUR was able to record the CROWS II feed as designed.

2) Abrams MG conducted a MILES Job Performance Aid (JPA) group trial in support of PEO STRI. The Master Gunner School hosted the team at Harmony Church. PEO-STRI conducted the trials on hand hold devices, ie. Smart Phones. The purpose was to validate that the JPA's were usable for Soldiers when conducting MILES installation, operation and troubleshooting.

b. Bradley.

1)

c. AMPV. The AMPV Team participated in a working teleconference with PM AMPV to discuss the Mission Command AMPV (MCcmd AMPV) network configurations. The central discussion was internal network configuration(s) of the three workstations. An intra-net configuration will allow Soldiers to share screens and applications between their workstations. This intra-net architecture is guided, to some extent, by design of the future CP Computer Operating Environment(s) (CoE). This intra-operability of vehicle and CP is key to providing Staff Officers an ability to execute their functions in Main CPs as well as in selected Mission Command variants of AMPVs. These two systems must be compatible. A face-to-face event to finalize solutions is conducted within the next two weeks; exact date and location will be announced later this week.

d. Formation and DOTLFP Integration:

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

a) TCM ABCT participated in an ARCIC, MASD hosted teleconference to discuss the ABCT WIN-T SNE distribution. Participants included ARCIC, TCM MC-BCT, TCM Fires Cell, FCoE and TCM Network and Services. Change of SNE distribution within ABCTs was identified, earlier this month, when TCM Network and Services (TCM N&S) proposed removal WIN-T SNE capabilities from the CAV Troop XO's Mission Command AMPVs (MCcmd AMPV) and add them to the Fires Battalion SNE quantities. This change to the 2014 Network BOI was

a result of guidance received during the Mission Command Summit at Ft. Leavenworth Apr 16. This guidance was based on a MC Network CPR brief provided to VCSA that recommended removal of SNEs from Company Commander platforms, to reduce these Company Commanders' cognitive load. The lack of definition in the term "Company Level", used in the MC Network CPR brief, has resulted in arbitrary recommendations to remove SNEs from the CAV Troop XO MCmd AMPVs, as well. These vehicles are designed to assist XOs in managing information for Troop Commanders to reduce his cognitive load. TCM N&S's latest SNE BOI proposal (19 May) now reflects retaining the CAV XO SNEs. However, ARCIC, MASD recommends TCM MC-BCT develop a justification memo, endorsed by Mr. Sando, as an attachment to the 19 May BOI Change document. This justification memo should illustrate the operational need for retaining SNEs in the CAV Troop and clarify any misconceptions related to "Company Level" terminology and CAV Troop XO doctrinal functions.

b) Phil Tiemeyer will attend the BMC hosted CMD Post summit at Fort Bliss, 13-17 June. This summit will develop an understanding of the current Mission Command / Command Posts status, across the Army and outline a strategy to achieve CP2040. This is accomplished through working groups, divided into functional areas to facilitate a professional discussion on critical issues and problem areas. Each working group will generate initiatives, near-term, mid-term, and long-term, which will contribute to the strategy for achieving CP2040. This is accomplished by leveraging existing, known technologies (DOTMLPF) and long-term goals (through 2040) with R&D recommendations.

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

a) Team TLS provided DOTMLPF-P mitigation strategies in support of the D3SOE working group for the upcoming ALLF GOSC on 15 June.

b) Team TLS developed several electronic surveys aimed at collecting operational feedback from key leaders in ABCTs addressing challenges faced by infantrymen who perform crew duties on the Bradley Fighting Vehicle. The surveys were distributed by III Corps on May 24th with a request to have them completed by July 1st.

c) Carl Johnson will be on the ground in Poland from 5-16 June as part of a CALL Collection and Analysis Team (CAAT) observing 1st Brigade, 3d Infantry Division during Operation Anaconda.

d) Derek McCrea and Mark Granen returned from JMRC (Hohenfels) this week observing the training activities of 5-7 CAV, 1st Brigade, 3d Infantry Division during Combined Resolve VI. Combined Resolve is a U.S. Army Europe-directed, joint Multinational Training Command conducted battalion-level multinational exercise designed to train the US Army's regionally allocated forces to the U.S. European Command.

e. Large Caliber Ammo: NSTR.

f. Futures Integration: The Futures Team continues preparation for the ABCT Operational & Organizational (O&O) Development SIMEX scheduled 25-29 July at the MBL. This is a human in the loop experiment that will focus on the development of the ABCT O&O and help ensure the future force reflects the required capabilities and core competencies capable of operating within the tenets of the Army Operating Concept in 2030.

g. Systems, Sustainment and Logistics Integration: MAJ Polak met with COL Ruus and LTC Falvey from the Australian Army to address collective training questions, specifically the ABCTs future strategy for the CCTT. MAJ Polak explained the concurrency efforts that are ongoing and will continue into the future to ensure units are provided the most relevant and

applicable immersive training environment. Based on an Acquisition strategy consensus between CAC-T, PEO-STRI, and DAMO TRS the CCTT will remain an enduring requirement to support ABCT collective training for the next decade. The Australian Army possesses precision gunnery trainers, (AGTS), but is interested in purchasing CCTT modules to support their collective training strategy. They believe that CCTT will provide the desired cost benefit for training versus the high OPTEMPO mileage and increased maintenance burden their armored fleets are currently experiencing to conduct collective training at the Platoon through Battalion Task Force levels. The Australian Army just wanted to ensure any short term investments they make now in CCTT will be stable for the next 5 years and that the United States Army is not looking to divest from the CCTT capability within that timeframe.

ARNG LNO:

1) 1/34th ABCT (MN ARNG) is in the final stages of preparation for NTC Rotation 16-07 (box dates 11-24 June). Rail Operations begin 14 May with BCT Torch hitting the ground on 23 May. Advon arrived 30 May. The three Main body lifts will begin arriving 03 June with RSOI 06-10 June. Mission Operations are scheduled 11-24 June. Highlights for the week of 13-21 June; rotating 6 day Force on Force/ 3 day CALFEX beginning with TF 1-145 AR, TF 1-194 AR, & TF 2-136 IN. 22-24 June BDE FoF. Recovery OPs 25-28 June with 3 Phase Main body departure ending 28 June. Trail Recovery will remain until 08 July and final rail download is scheduled for 9-17 July in MN.

2) The ARNG M1A1 Master Gunner ASI add on course has been approved but will be delayed in execution until FY17. 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 continues to lead 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: NO CHANGE. Standard Scout Platoon O&O began staffing with FORSCOM, ARCIC, and TRADOC CoEs. The suspense for input to TCM Recon is 1 July 2016. TCM Recon intends to brief CG, MCoE o/a 15 July for O&O approval.

3) Cav Troop O&O: NO CHANGE. Topic outline completed, writing to occur MAY-JUN 2016, editing, staffing and approval (T) JUL-SEP 2016.

4) HHT O&O: To be written (T) JUL - AUG, editing, staffing and approval (T) SEP-NOV 2016.

5) R&S CBA: NO CHANGE. The Functional Solutions Analysis (FSA) was submitted to ARCIC on 11 April 16. TCM-Recon received ARCIC validation review Comment Resolution Matrix (CRM) on 4 May. TCM-Recon conducted primarily administrative revisions to the FSA EXSUM and Report, and returned to ARCIC with the adjudicated CRM on 24 May. After ARCIC approval, TCM-Recon conducts follow-on effort to update Capabilities Needs Analysis (CNA) database with R&S CBA gaps and solutions.

6) Support to Unified Challenge 16.2: Upcoming events for the UC 16.2 Campaign of Learning are the Analysis Issue Review Board on 6 June and the mid planning conference scheduled for 16 June. UC 16.2, 1-12 Aug, is the second of three 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.

7) 2025 BCT O&O SIMEX: NO CHANGE. Level of participation TBD for 27 JUN-2 JUL TTX (Role-player training TBD), 11-15 JUL SBCT SIMEX, 18-22 JUL IBCT SIMEX, and 25-29 JUL ABCT SIMEX. NEW

8) Scout Sensor Strategy: NO CHANGE. Continuing to work with MRD, BCT TCMs to refine the scout sensor strategy. There is no suspense, however the sooner completed, CDID has a document to synchronize efforts between the BCT TCMs, MRD and CDD. The strategy will support future scout platoon FDUs as well as potential mast mounted sensor development.

9) Cavalry Scout Leader and Solder Competencies: NO CHANGE. Requires mission analysis / coordination, dates to be determined, with OCOA and DOTD to determine a way ahead. Platoon, Troop (TBP), HHT (TBP) O&Os inform the effort.

b. Senior Leader Updates. To be scheduled and announced.

c. CATR: On 26 May at FBGA, TCM Recon hosted PM Ground Sensors for a program synchronization session. The session was successful in resolving several critical issues primarily related to NET, Doctrine and Tactics Training (DTT) and sustainment training. DOTD's detailed training / task analysis identified low cost solutions that can result in system effectiveness as well as training effectiveness. The next step is PM Ground Sensors updating of the CATR Materiel Fielding Plan and CDID's O-6 level review of the CATR Life Cycle Sustainment Plan, an essential step in preparation for the upcoming AUG 16 fielding decision.

1) CATR Technology Refresh: NO CHANGE. Coordinating with unit CATR OIC's to identify capabilities to consider for technology refresh in FY18.

2) CATR Staff and Analyst Training: NO CHANGE. TCM Recon and DOTD representatives attended the Staff Orientation Course and Basic Electronics course in support of analysis for training in the CATR POI.

3) CATR O&O: NO CHANGE: Review of the initial draft of CATR O&O continues. Awaiting inputs from copies sent to division representatives. The O&O will support the development of the training strategy and efforts with PdM.

4) CATR Lesson Plans: Providing support to DOTD for the development of CATR CONOP and software lessons plans.

5) CATR BOIP: Organizational Requirements Document Approval Briefing (ORDAB) council of colonels is has been approved.

Upcoming Events.

a. ABCT

- 30 May - 03 Jun - PROTECTOR User Working Group (Interlaken, Switzerland)
- 01-02 Jun - AMPV Soldier-Software interface review (T) (SJCA)
- 06-10 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)
- 07-08 Jun - JAB Start of Work Meeting (West Plains, MO)

- 13-17 Jun - Command Post Summit (FBTX)
- 15-24 Jun - Force on Force Coverage of NTC 16-07 (1/34 MNARNG) (FICA)
- 15-24 Jun - LP CROWS Technical Manual VAL/VER (Picatinny Arsenal)
- 20-23 Jun - Abrams APS IMOD Start of Work meeting (TACOM)
- 20-24 Jun - AMPV CDR (SHMI)

b. RECON

- 7-9 JUN: MCoE Focused Assessment – Micro-Doppler Radar (FBGA)
- 16 JUN: UC 16.2 Mid Planning Conference
- 27 JUN -2 JUL BCT O&O TTX, MBL (FBGA)
- 11-15 JUL SBCT O&O SIMEX, MBL (FBGA)
- 13 JUL: UC 16.2 Final Planning Conference
- (T) 13 JUL: RECON Council
- 18-22 JUL IBCT SIMEX, MBL (FBGA)
- 19-21 JUL: 16.2 Rehearsal of Concept, MBL (FBGA)
- 25-29 JUL ABCT SIMEX, MBL (FBGA)
- 01-12 AUG: UC 16.2 Execution

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