



TCM-ABCT & RECON SITREP

05 July 2016

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) We provided information to PS Magazine reference M1A2 SEPv2 improved Commander Display Unit (iCDU) failures at the Digital Range Training System in Korea. We continue to conduct analysis to find the root cause of the failure. Additional training is being conducted for the WTA contractors to insure that proper installation of the Thru-Sight Video is being conducted. TCM-ABCT will continue to monitor during the next Gunnery density in August 16.

2) We completed the first phase of the LP CROWS Technical Manual Validation and Verification at PM CSW in Picatinny Arsenal, NJ. This allows the user to validate that the procedures within the TMs are accurate.

b. Bradley.

1) We are coordinating for resources to develop an updated training video for the installation, removal, and care of Bradley Reactive Armor Tiles (BRAT) with side skirt protection.

2) We provided FBCB2 JBC slew-to-cue information to PEOSTRI for gunnery software development. This will be incorporated in the combat tables of the COFT for the IO to send crews slew-to-cue messages if desired.

c. AMPV.

1) AMPV Team participated in the AMPV Medical sustainment planning session for the limited user test hosted by OTC. Discussions centered on the number, and type of casualties to demonstrate confidence in the capabilities of the medical variants during operational testing. Also, discussed were ways to support the concept of operations based on the Squadron against the planned terrain of Ft. Hood (pending submission and approval by the Test Schedule and Review Committee [TSARC]). Concerns were raised that adjustments may be needed to meet required reliability, availability and maintainability mileage targets. TCM ABCT will continue to monitor development of these scenarios to ensure they align with Squadron scenario.

2) AMPV Team also supported PM AMPV in discussions concerning refinement of the Material Equipment Matrix (MEM). The purpose of these discussions was to provide user input to the Basic Issue Items (BII), Additional Authorized Load (AAL) and Components of the End Item (COEI) for Integration into AMPV; specifically items listed on the Common Table of Allowances (CTA). These discussions focused on camouflage and chemical defense equipment. TCM ABCT's AMPV team provided recommendations to meet AMPV mission requirements and remain within quantities identified in the CTA for the M113 family of vehicles.

d. Formation and DOTLPF Integration:

1) Training, Leader Development, and Safety Integration (TLS).

a) The FORSCOM FY 17 Command Training Guidance (CTG) is published. View and download a copy here: <https://www.milsuite.mil/book/docs/DOC-289553>

b) HQDA-G3 has approved the Standard Decisive Action Mission Essential Task List (METL) for like type units and echelons down through company level to enable commanders to more accurately and objectively build, assess, and report mission readiness. Approved METL will be promulgated using the Army Training Network, the Digital Training Management System, and included in Department of the Army Pam 350-1 when published. AMWG 16-03 METLs will be incorporated in NetUSR for readiness reporting units no later than November 2016. The METL is available at <https://www.milsuite.mil/book/docs/DOC-291284>

2) Doctrine, Organization and MC/Network Integration (DOP/MC-Network)

a) Phil Tiemeyer will attend the classified Assured Position Navigation and Timing (APNT), requirements IPT Workshop IV at Fort Gordon 11-15 July. Purpose is to; review and modify APNT CDD, and Critical Operational Issues and Criteria (COIC), as appropriate for proponent consensus.

b) Phil will also participate in the NIE 17.1 and AWA 18 Planning Conferences, 18-22 Jul 16. Focus is on the MCCoE, Home Station Mission CMD Center (HMSCC); FCoE, C-UAS Mobile Integrated Capability (CMIC); ICoE/MCCoE , Distributed Common Ground System Army (DCGS-A)BN; CMD Post Computing Environment.

e. Large Caliber Ammo: We continue to support several issues:

1) Updates to the ammunition section of the Abrams Technical Manual (TM-10). This update will include the 5th generation kinetic energy cartridge, M829A4. Additionally, new safety requirements and ammunition handling procedures will be included. The draft version of these changes is now in its second staffing within the ammunition community.

2) Efforts with 8th Army Korea towards range improvements there to best contain fragments from leaving the modified Surface Danger Zone (SDZ). Prototype dimensions of berms to be used on the range has been made available for our initial analysis. An on-site visit is being planned in early August.

f. Futures Integration: No Change.

1) Work with ARCIC continues to prioritize the ABCT Capability Gaps in the Army Capabilities Assessment Tool (ArCAT) used during the CNA process. This teleconference completed the Functional Needs Assessment portion of the CNA. ARCIC will host the Functional Solutions Analysis (FSA) working group at the Fort Benning MBL 11-15 JUL.

2) We continue to work on the Operational & Organizational (O&O) and anticipate no issues with meeting the 14 SEP ARCIC suspense. TCM ABCT will use the O&O Development SIMEX, scheduled for 25-29 July at the MBL, to analyze possible DOTMLPF changes to the formation and to inform the O&O and upcoming ARCIC Portfolio Assessment (APA). TCM ABCT hosted an APA Officer Working Group on 27 JUN informing the Community of Practice of the APA timeline. The next working group is scheduled for 11 JUL.

g. Systems, Sustainment and Logistics Integration:

1) In 2012, ARCIC received guidance from the CSA to conduct a study targeting the inventory of 280,000 TWVs and 21,000 MRAPs in order to find the right balance of personnel, training, and equipment to build a more agile, modern, and deployable force. Since then, ARCIC has conducted five studies, recommending gains and losses across BCTs, and outlined the risks and associated mitigations for Army leadership decisions in 2013 with reductions becoming

effective in October 2013. As part of a continued study and effort to see if more risk can be accepted, ARCIC is executing the following actions with a culminating brief of recommendations to the CSA in December 2016:

a. TRAC-Lee is building a Tactical Mobility Survey that will be issued to identified BCTs to query the operational force on what is risk acceptable and what capabilities assumes too much risk.

b. Administrative review of the past TWV studies, reductions executed, and mitigations implemented to see how those actions/orders have been working.

c. Review of the past FDUs and see how they impacted BCT operations.

d. Review of the trailer reduction study.

e. Review of ONS, JUONS, and REF initiatives to identify trends in mobility gaps.

f. Integrate findings and recommendations for mitigation and staffing.

2) The June 2016 issue of The Preventive Maintenance Monthly (Issue 763) is available here. https://www.logsa.army.mil/pub/psissues/PS_763.pdf

h. ARNG LNO:

1) Continuing to coordinate with 1/34 ABCT (MN ARNG) to attend a post-NTC AAR ICW a 34th DIV Strategic Review scheduled for 17-18 Sept at 34th DIV HQ in Minneapolis-Saint Paul, MN.

2) Continuing to coordinate with 155th ABCT (MS ARNG) for a pre-NTC brief by TCM-ABCT in the first quarter of FY 17.

3) CATR fielding to the 33rd ABCT (IL ARNG) may be postponed due to CTC training cycle and extended CATR training requirements. NGB looking for other IBCT options for fielding in the Army National Guard.

2. RECON.

TCM Recon's primary areas of emphasis are Scout Platoon O&O staffing comment adjudication and editing, assisting PM-GS in CATR NET Plan and CATR Materiel Fielding Plan development, and preparation for the BCT O&O SIMEX and support to UC 16.2.

a. R&S Concepts and Analysis:

1) R&S BCT Implementation. No requests for support from 1/4 SBCT have occurred. 1/4 SBCT simulations officer's last request for information focused on the initial TRADOC analysis that resulted in the R&S BCT task organization concept.

2) Standard Scout PLT O&O. Initial assessment of staffing comments indicates all critical, major and substantive comments (with one major comment exception) can be addressed by providing additional text to clarify each topic. The one major comment rejected during the review recommended against the application of scout snipers which is a force design action strongly supported by ARCIC.

3) Cav Troop O&O: NO CHANGE. Troop O&O development will resume upon completion of the Platoon O&O anticipated for the mid-to late July timeframe.

4) HHT O&O: NO CHANGE. To be written (T) AUG - SEP, editing, staffing and approval (T) OCT-NOV 2016.

5) R&S CBA: NO CHANGE. Awaiting ARCIC approval of the Functional Solutions Analysis (FSA). The FSA was submitted to ARCIC on 11 April 16, received ARCIC validation review Comment Resolution Matrix (CRM) on 4 May, and resubmitted the adjudicated CRM back to ARCIC on 24 May. ARCIC staff indicated there were no further issues with the adjudicated CRM and the FSA is pending GO availability for approval. Following ARCIC approval, TCM-

Recon will conduct follow-on efforts to update Capabilities Needs Analysis (CNA) database with R&S CBA gaps and solutions.

6) Support to Unified Challenge 16.2: TCM-Recon participates in UC 16.2 planning sessions with the MBL to finalize support requirements and R&S BCT cell manning requirements. The UC 16.2 Scenario Working Group, 28-29 JUN, developed and refined the scenario CONOP to incorporate the AFC-MM and define exercise task organization and command relationships. This should refine the requirements for the R&S BCT cell.

7) 2025 BCT O&O SIMEX: NO CHANGE TCM-Recon will observe the three BCT O&O SIMEXs (11-15 JUL SBCT, 18-22 JUL IBCT, and 25-29 JUL ABCT) and participate in key events to gain insights and provide CAV SQDN O&O SME to each formational TCM. We will provide the military role players (MRPs) for the CAV SQDN for the ABCT SIMEX, 21-29 JUL 16.

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) Scout Sensor Development. NO CHANGE. TCM Recon participated in a Night Vision Lab Survey designed to recommend a unified path for near, mid, and far term EO/IR optics development for both mounted and dismounted scout optics. Other elements within CDID and MCoE will also participate. A date for the results to be published has not been determined.

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

11) Recon Council: NO CHANGE. TCM-Recon continues to coordinate with 3-16 CAV in support of support the next Recon Council scheduled for 27 JUL 16.

b. Senior Leader Updates. CHANGE.

1) 8 AUG 16: TCM-Recon conducts Scout Platoon O&O Approval Brief to the CG, MCoE for approval to publish the PLT O&O (Date changed from 18 JUL to 8 AUG).

2) 16 AUG 16: CoAR Update. Briefing topics will include an update on all FDUs associated with Cavalry units and initial review of the Troop O&O outline and draft.

c. CATR:

1) NO CHANGE. Priority efforts in order remain: assisting in the development of a CATR NET Plan, completing the review of the CATR Materiel Fielding Plan, CATR Life Cycle Sustainment Plan, and preparing a memorandum for PM Terrestrial Sensors outlining CATR Training Support Package sufficiency, and identifying critical actions that should inform the August 2016 CATR Materiel Fielding Decision. Near term priority actions related to preparing a NET Plan. A subsequent priority task is developing the ECATR Requirements document / MOA and identifying required CATR ASIOE and TMDE. CATR lines of effort include:

2) CATR Technology Refresh: Established MILSUITE collaboration site (<https://www.milsuite.mil/book/groups/tcm-recon/projects/catr-tech-refresh>) for units to provide recommendations for tech refresh to facilitate preparation for first tech refresh window in FY18. Recommendations from users must be submitted no later than 11 July 2016. TCM Recon will host a user IPT on 13 July 2016 to discuss unit recommendations. The Tech Refresh IPT with units will be conducted via DCS: <https://conference.apps.mil/webconf/catrtechrefreshfy18>

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: NO CHANGE. Providing support to DoTD for the development of CATR CONOP and software lessons plans.

3) CATR BOIP: NO CHANGE. Awaiting GOSC approval of the Organizational Requirements Document Approval Briefing (ORDAB) council of colonels' recommendation to approve the CATR BOIP.

Upcoming Events.

a. ABCT

- 11 and 21 July - ARCIC Portfolio Assessment Action Officer Working Group (FBGA)
- 11-15 Jul - TWV Workshop Study (FHTX)
- 11-15 Jul - FSA Workshop (FBGA)
- 11-15 Jul – APNT IPT Workshop IV (FGGA)
- 13 July - Maneuver Pre-Command Course Brief (FBGA)
- 18-22 Jul – NIE 17.1 and AWA 18 Planning Conference (FBTX)
- 24-29 Jul - CVTESS SME Support @ NTC 16-08 (1/1ID) (FICA)
- 25-29 Jul - O&O Development SIMEX (FBGA)
- 15-18 Aug - STE WG (FBGA)

b. RECON

- 6-8 JUL: BCT SIMEX MRP Training and Certification
- 7-15 JUL SBCT O&O SIMEX, MBL (FBGA)
- 13 JUL: UC 16.2 Final Planning Conference
- 13 JUL: CATR Tech Refresh IPT
- 14-22 JUL IBCT SIMEX, MBL (FBGA)
- 18-29 JUL: CATR key personnel training (Clarksville)
- 18 JUL: PLT O&O Approval Brief to CG, MCoE
- 19-21 JUL: 16.2 Rehearsal of Concept, MBL (FBGA)
- 21-29 JUL ABCT SIMEX, MBL (FBGA)
- 27 JUL: RECON Council
- 01-12 AUG: UC 16.2 Execution

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