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**TCM-ABCT & RECON SITREP 28 June 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**](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 –** We are developing CVTESS reference material for NCOs to use when providing instruction to crews during training.

**c. Formation and DOTLPF Integration:**

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

**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) An information paper on Gun Tube Fractures, Bulge, and Flareback pertaining to the M256, 120mm main gun from the Abrams tank system. The information in this document will define causes for these types of incidents as well as preventive measures. Dissemination of this information to the field will be through published articles, electronic means as well as unit briefings.

3) 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:**

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) M88 will conduct underbelly blast testing using current threats in 1st QTR FY 17. Results will not only show potential system vulnerabilities but also areas for improved Force Protection.

2) There has been some confusion over projected weight of the M88A2e1. While it is projected that this vehicle will have the capability to recover and tow an 84T vehicle; it will not weigh near that amount. Final vehicle weight is TBD but assumed to peak in the mid-70T weight range. Increased weight will facilitate single vehicle recovery requirements and increase crew force protection/vehicle survivability.

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

 **h. ARNG LNO:**

1) We’re working 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. 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 development, preparation for the BCT O&O SIMEX support and UC 16.2.

1. R&S Concepts and Analysis:
2. R&S BCT Implementation. We received an RFI from 1/4 SBCT on the FY13 MCoE R&S BCT Experimentation and provided event information to include the out-brief and key observations. This RFI is part of the unit’s preparation in understanding the R&S BCT previous events and observations.
3. Standard Scout PLT O&O. We received initial Standard Scout Platoon O&O Coordinating Draft staffing comments from 1AD, III Corps, XVIII ABC, MRD, and Doctrine Division. We are reviewing comments and will begin editing the coordinating draft as appropriate in preparation for the 18 JUL approval brief to the CG, MCoE.
4. Cav Troop O&O: Team efforts will shift from Troop O&O initial draft development to editing of the Platoon O&O. We will pick up Troop O&O development upon completion of the Platoon O&O anticipated for the mid-July timeframe. We will begin coordination for Troop O&O workshops, Mortar Platoon and Troop HQs, with 316 CAV BDE, 3-16 CAV SQDN, and the Mortar Leader Course for SMEs to participate in the workshops to develop COAs for the objective mortar platoon and troop HQs. The workshops will also establish organizing principles for the mortar platoon and confirm the troop HQs principles. Following the workshop, we will prepare decision brief to CoAR as part of the O&O staffing review. We anticipate the O&O staffing and approval will occur (T) JUL-SEP 2016.
5. HHT O&O: To be written (T) AUG - SEP, editing, staffing and approval (T) OCT-NOV 2016.
6. R&S CBA: Awaiting ARCIC approval of the Functional Solutions Analysis (FSA) based on adjudicated Conflict Resolution Matrix (CRM) submitted to ARCIC on 4 MAY.
7. 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, will develop and refine 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.
8. 2025 BCT O&O SIMEX: 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 MRPs for the CAV SQDN for the ABCT SIMEX, 21-29 JUL 16.

1. Senior Leader Updates - 18 JUL 16: TCM-Recon conducts Scout Platoon O&O Approval Brief to the CG, MCoE for approval to publish the PLT O&O.
2. CATR:

1) Work continues in the development of a CATR New Equipment Training Plan and completing the Materiel Fielding Plan. Additionally, we are working on the 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.

1. CATR Technology Refresh efforts also continue; we have established a 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 the first “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> .

**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)
* 13 July - Maneuver Pre-Command Course Brief (FBGA)
* 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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