



TCM-ABCT & RECON SITREP (week of 4 January)

06 January 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 continue preparations to participate in the Government Acceptance Test for Crew Modular Unit Recorder (CMUR) thru sight video adaptor on the M1A2 SEPv2 in February at Aberdeen Proving Grounds.

2) The team participated in the ECP1b Start of Work meeting in Warren, MI this week in order to define requirements for ECP1b. Outcomes will be published here next week.

b. Bradley.

1) Team Bradley is continuing to review vehicle technical manuals as requested by CASCOM and the PM in order to provide our recommended changes to the structure of the manuals.

c. AMPV.

1) Scott Williford provided MRD information in response to a PM request to identify estimated mortar rounds fired during training and deployment cycles. This data will assist BAE in predicting mortar base structure fatigue during its life cycle. Data is based on 2015 STRAC and the AMPV OMS/MP. Results were also staffed through SRD's Mortar SMEs to gain concurrence.

2) We continue to work antenna co-site challenges on AMPV by establishing operational range requirements. We will compare these to radio performance standards provided by respective program offices. The next step will involve input from Northrup Grumman and CERDEC that identifies projected degradation due to antenna radiation, and proximity to each other as well as the hull shape. This effort will help the team develop recommendations for radio filters and/or non-materiel solutions.

d. Formation and DOTLPF Integration:

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

a) The team is currently reviewing SoSE&I's ABCT network modernization challenges brief in order to support a Council of Colonels (CoC) 13 Jan 16. Personnel to receive pre-briefs this week include Directors at SoSE&I, PEO GCS and PEO C3T.

b) TCM ABCT will host a Command Post Summit with PM AMPV here on 2/3 February. The event will provide clarification of future network Computing Operational Environments (COE) programed improvements and their impact(s) on AMPV, Stryker and JLTV development. These O6 level discussions will have participation from Cyber COE, MCCoE, MCoE and various network and platform PMs.

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

a) Team TLS is participating in the FORSCOM Umbrella Week for 3ID at Fort Stewart from 11-13 January. Specific interviews and panel discussions will be targeted at company and battalion leadership from across the Raider Brigade focused on lessons learned during their recently completed deployment in support of Operation Atlantic Resolve, where they performed missions as the Regionally Aligned Force for USEUCOM. Learn more about their activities here: <http://www.eur.army.mil/atlanticrosolve/>

b) A recently published article entitled "*The Need for Proficient Use of High Frequency (HF) Communication within Cavalry Organizations*" was authored by CPT Michael L. Hefti, formerly an OC/T on Team Cobra at NTC, and now a Small Group Leader at the Maneuver Captains Career Course. We've posted it to our milbook location and it can be accessed here: <https://www.milsuite.mil/book/docs/DOC-245717?sr=stream>

e. Large Caliber Ammo:

1) Mr. Kuamoo is observing tank gunnery with ABOLC at Fort Benning, and in the process is continuing to examine the root cause for reported excessive residue left behind in the tube, bore evacuators, and breach block chambers.

f. Futures Integration:

1) The team participated in ARCIC led BLCSE CNA Training for O&O Development Training Wednesday 6 January. The training included how to enter O&O tasks/gaps/RSAs to conduct O&O assessments. The training for O&O developers & supporting analysts is required to assess the change in O&O force effectiveness via the CNA ArCAT, specifically to compare the task accomplishment and gaps of F2020 to those of F2025. O&O developers & supporting analysts execute and will complete the O&O force effectiveness assessments after the Unified Quest Deep Futures Wargame (~June 2016) and the Unified Challenge 16.2 Game-based Experiment (~September 2016).

2) In preparation for the CNA FY16 FAA Council of Colonels on 8 January, the team aligned and prioritized the tasks to be evaluated during the CNA FY 16 cycle. The FAA phase of CNA FY 16 for TCM ABCT will end on or about 31 January when the CDI Director approves and signs a memorandum that includes the prioritized tasks for TCMs A/I/S BCT.

g. Sustainment and Logistics Integration:

1) The team is supporting TCM Transportation and SCoE with a review of the HETS Capability Production Document and Operational Mode Summary Mission Profile with an intent to ensure platform requirements are accurately recorded. These documents, as currently written, will support near-term planned modernization initiatives to support Main Battle Tank Transportability. Updates to the documents will support any new start program in the mid-term plans that will fix HETS axle load limitations. Over the Holiday block leave, the team also supported a HETS modernization decision brief to BG George (ARCIC) that recommended, and BG George approved, that HETS execute a blended development of selected Upgrade to achieve near term payload solution while a New Start program addresses long term solution to achieve 82 ton payload and axle transportability requirements. This COA provides a needed capability to the formation in FY20 when the SEpv3 is planning its fielding's. The HETS program will present this strategy during their 12 January Weapon System Review.

h. Assistant Director - ARNG:

1) The 2nd Quarter RC ABCT teleconference is scheduled for 14 January 2016 from 1000-1200 (EST). Dial-in number is (706) 545-4298; Pin 2306# Please refer to LTC Pete Kowalewski, Armor Deputy Assistant Commandant for agenda and planned topics for discussion.

The purpose of the teleconference is to share information among the NG Armor Community and answer any questions or address concerns from the field. The Armor Commandant is updated on information from the field.

2) We continue to await the result of the DoD IG Audit Team evaluation conducted on the 1/34th ABCT (MNARNG) Cavalry Squadron. The evaluation was completed on the ABCT training readiness during battalion collective training events at Camp Ripley, MN. The unit continues to conduct monthly teleconference across states with organic and supported units in preparation of their NTC rotation. The next 1/34th ABCT NTC 16-07 Planning Synch Meeting scheduled 121130January2016.

3) TCM-ABCT/RECON team continues to monitor ARNG ABCT force structure changes, currently focusing on MTOE changes in the 278th ACR (TNARNG) and 116th ABCT (IDARNG). Over the next two years, the ARNG will reduce to five ABCTs with the inactivation of the 55/28th ABCT (PAARNG) by the end of FY 2016, and the conversion of the 81st ABCT (CA/ORARNG) to a SBCT by August 2016.

2. RECON.

a. R&S Concepts and Analysis:

1) CAV SQDN O&O – The O&O is in final editorial review prior to O-6 staffing across MCoE and to a select group designated by OCoA. The O&O was a topic of discussion during the 6 JAN 16 Special Topics Update. The next step will be a focused operational force review, to begin o/a 11 JAN 2016. Once operational force review comments are incorporated, we'll provide the final draft to the MCoE leadership prior to submission to for approval.

2) SCOUT PLT O&O: Revision continues based on lessons learned from SQDN O&O writing.

3) Scout of the Future (SotF):

Scout of the Future will be presented as a topic at the 20 JAN TRADOC Steering Committee.

4) We are prepared to execute the 19D Scout Sniper Requirements Workshop, which was postponed from 7-8 JAN 2016 to a date TBD. The workshop will develop and evaluate courses of action for adding a scout sniper capability to the scout platoon as well as develop the initial concept of employment. This effort will inform the Scout Platoon O&O and Standard Scout Squad Force Design Update (FDU) preparation.

b. CATR:

1) CATR Training and Lesson Plan Review: Conducted training on tagging, tracking, & locating devices provided by PdM GS. Overall feedback from Soldiers and DoTD representatives was positive. Soldiers recommended additional practical exercise time be added to lessons as well as a class on the graphic user interface (Raptorx).

2) CATR integration into functional courses: ICW with CATR Master Trainer conducted discussions with instructors from RSLC and Sniper course to determine a way ahead to incorporate familiarization training.

3. Upcoming Events.

a. ABCT

- 11-13 Jan - Umbrella Week Visit to 1/3ID (FSGA)
- 11-13 Jan - HETS Weapon System Review (Wash DC)
- 18-21 Jan - Umbrella Week Visit to 3/4ID (FCCO)
- 25-27 Jan - Embedded Training Working Group (Orlando, FL)

- 26-28 Jan - AMPV T&E WIPT (APG)

b. RECON

- TBD JAN: Scout Sniper Table Top Scenario (TCM-R/USAARMS)
- 2 FEB: Improved Ghillie System (IGM) requirements working group
- 3 FEB: LRS CBA way ahead teleconference
- TBD FEB: CATR audio/video device Training and Lesson Plan Review FBGA

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