

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

a) Ron Kuykendall is participating in the CTC OPFOR Surrogate Vehicle (OSV) work group facilitated by DCG, CAC-T at Fort Leavenworth from 18-19 October. The work group's goal is to identify COAs that provide the NTC OPFOR with safe and reliable vehicles that can oppose rotational units with comparable capabilities. An executive summary will be published next week.

e. Large Caliber Ammo:

1) Testing of the M1002 Frangible Nose at the Yuma Test Center, AZ continues this week. The new design incorporates a two piece nose with five slots cut into it. These slots will aid in the breakup of the nose upon impact with the ground. The nose breakup should help to reduce berm damage as well as the Surface Danger Zone (SDZ) for restricted ranges. A master gunner from 1/1ID will also participate in this testing. This unit will fire the first FN rounds on a normal gunnery range in Korea sometime in March 2017.

f. Futures Integration:

1) The Futures Teams continues to monitor the Strategic Portfolio Assessment Review (SPAR). TCM ABCT provided feedback on the mitigation strategy for our high risk gaps which include a force design update to add two Rifle Companies to the ABCT and acquisition of a Next Generation Combat Vehicle (NGCV).

2) We continue to assist MBL in obtaining information related to the characterization of the RAT on the Bradley, AMPV, and Abrams for use in the NGCV Spiral C Experiment 28 Nov - 16 Dec 2016.

3) We provided an initial overview of the ABCT Obscuration Gap in preparation for the 2QFY17 ARL/RDEC Collaboration Workshop. Future sessions will decompose the gap into topic areas that will align with the Cross-Domain Obscuration Strategy currently in development by MCoE CDD.

g. Systems, Sustainment and Logistics Integration:

1) MAJ Polak participated in the 2 Star Army Requirements Oversight Council Review Board (AROC ARB) along with representatives from G-staff, AMC, FORSCOM, CASCOM, ARCIC, PdM MBT, PdM BFV, and PdM CRS. The AROC scheduled for 28 October is looking to receive CSA/VCSA guidance on multiple topics to include the Abrams and Bradley Modernization path forward as well as the enabler modernization paths. The M88 HERCULES Capability Production Document (CPD) is continuing to move forward and is anticipated to receive paper approval from the CSA which will provide the needed single vehicle recovery capability the formation needs. The ABCT AROC is scheduled to brief the CSA on 21 October.

h. ARNG LNO: NSTR.

2. RECON.

TCM Recon continues to support CDD in the HQDA tasking to ARCIC to develop options for operational level reconnaissance and security formation. Initial draft organizational designs will be developed by the end of this week for senior leader review. TCM-Recon participates in a combined discussion PM-GS and the G8 on CATR future requirements, currently scheduled for 19OCT, as well as the Materiel Fielding Decision (MFD) currently scheduled for 18 NOV 16.

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a. R&S Concepts and Analysis. NO CHANGE: O&Os are ordered in priority of effort to write or revise:

1) Recon & Security Strike Group (RSSG) O&O. NO CHANGE: The CoAR concurred with the RSSG O&O and organizational design to facilitate the HQDA task as COA 3. Version 1.2 was provided across TRADOC CoEs for review and input to prepare for FY17 CoL events.

2) Standard Scout PLT O&O. NO CHANGE: Chief of Armor (CoAR) approval is scheduled for 6 OCT 16. Once the O&O is approved TCM Recon will develop and present a plan to the CoAR for concept to DOTMLPF development handover.

3) Close Access Target Reconnaissance (CATR). NO CHANGE: Completion postponed until Scout Platoon O&O approval process and concept to DOTMLPF development handover are complete, along with TCM Recon end of base year and execution of option year contract tasks are complete (o/a 10 OCT 2016).

4) Cavalry Troop O&O. NO CHANGE: Troop O&O development will resume upon completion of the CAV GRP O&O, Scout Platoon O&O and the Close Access Target Reconnaissance (CATR) O&O. Troop O&O development is anticipated to resume in November.

5) Squadron Direct Fire Company (Tank, MPF, MGS/ATGM) O&O. NO CHANGE: To be written after the completion of the Cav Troop O&O.

6) HHT O&O. NO CHANGE: To be written upon completion of the Squadron Tank Company / Direct Fire Troop O&O. One of the primary functions of the O&O will be to address the lack of standardization between squadron command posts and staffs.

7) R&S BCT O&O. NO CHANGE: The R&S BCT O&O now includes the MCoE standard Operating Environment section; no other revision is anticipated until after the completion of the 1/4 SBCT (R&S) Excursion which will occur in AUG or SEP, 2017.

b. R&S Analysis and Experimentation.

1) We are participating in the UC17.1 orders writing workshop at FLKS this week, 17-21 OCT, to refine the RSSG scheme of maneuver and appropriate orders.

2) R&S CBA: NO CHANGE. For FY 17, TCM-Recon will continue working with TCM-BCT representatives to update the Capabilities Needs Analysis (CNA) database with critical R&S CBA gaps and solutions.

3) AWA 17 Observer / Analyst (O/A) Support. NO CHANGE. TCM Recon provides one O/A for GMV / MPF / LRV assessments, 4-30 OCT 2016.

4) R&S BCT Excursion. NO CHANGE: Established contact with the 1/4 SBCT lead planner to coordinate the support for the R&S BCT O&O discussion during the 15-18 NOV R&S Academy at Fort Carson. 1/4 SBCT has lead and TCM-Recon is in support. Further coordination is required to identify 1/4's specific desire for the O&O discussion.

5) Scout Sensor Strategy and Development. NO CHANGE. Updated the Appendix to Scout Platoon O&O based on 9-11 AUG Future Soldier Integration Workshop.

6) Cavalry Scout Leader and Soldier Competencies: NO CHANGE: Once the Scout Platoon O&O is approved by the Chief of Armor TCM Recon will recommend a way ahead for concept to DOTMLPF development process. The actual development process will require time and personnel yet to be identified 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.

7) Army Lesson Learned (LL) Forum: NEW. TCM-Recon continues to support the TRADOC/CAC Army LL Forum following the 12 Oct Council of Colonels approving the R&S Operations subtopic areas of BCT Security Area Establishment and BCT R&S Planning. At the CoC, the forum recommended tabling the subtopic of Div/Corps R&S Ground Capability until the

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RSSG & ACR O&Os / FDUs are developed and approved in order to discuss the supporting efforts of Training and Education. During the 19 Oct Action Officer Working Group (AOWG), the forum reviewed initial problem statements for the two R&S subtopic area listed above.

c. Recon Knowledge Network. NO CHANGE. Recon Council: 19 OCT.

d. Senior Leader Updates.

1) 19 OCT: TCM-Recon and PM-GS CATR discussion with G8.

e. CATR:

1) TCM-Recon prepares for a combined PM-GS and TCM-Recon discussion with the G8 on CATR future requirements, currently scheduled for 19 OCT, as well as the Materiel Fielding Decision (MFD) currently scheduled for 18 NOV 16.

2) CATR Type Classification. NO CHANGE: Thirty days after PEO IEW&S approval of the CATR LCSP, PEO IEW&S is projected to approve CATR Type Classification.

3) CATR Materiel Fielding Decision. 18 NOV is the dated scheduled for the PEO IEW&S to make the CATR Materiel Fielding Decision.

4) Tech Refresh. Priority action is preparing the prioritized recommendations for tech refresh, identifying requirements based on user recommendations.

CATR Training: ICW DotD, TCM Recon is developing and staffing training evaluation outlines for NET.

Upcoming Events.

a. ABCT

- 17-21 Oct - M-1002 Frangible Nose Testing (Yuma Test Center, AZ)
- 18-19 Oct - OPFOR Support Vehicle WG (FLWKS)
- 18-20 Oct - AMPV User Demo / Eval (Sterling Heights, MI)

b. RECON

- 12-13 OCT: UC 17.1 Scenario Development Workgroup
- TBD: CATR Depot Visit (BGAD, KY)
- 11-30 OCT: AWA 17 O/A for GMV/MPF/LRV (FBTX)
- 17-21 OCT: UC 17.1 DIV Orders Writing WG
- 19 OCT: Recon Council
- 19 OCT: G8 CATR Discussion with PM and TCM-Recon
- 31 OCT - 4 NOV: CATR NET Validation (Clarksville, KY)
- 1 NOV: UC17.2 WMSL Input to MBL

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