UNCLAS FOUO

MARINE CORPS WARFIGHTING LABORATORY FY18-19 KEY EVENTS

Originator: CG MCWL QUANTICO VA
DTG: 251402Z May 18 Precedence: Routine

SUBJ/ MARINE CORPS WARFIGHTING LABORATORY FY18-19 KEY EVENTS

REFS: (A) NATIONAL DEFENSE STRATEGY 2018
(B) DEFENSE PLANNING GUIDANCE 2018
(C) MARINE OPERATING CONCEPT
(D) COMMANDANT MESSAGE TO THE FORCE 2018: "EXECUTE"
(E) MCWL/FD 2018-2020 CAMPAIGN PLAN

REFERENCE (A) IS THE NATIONAL DEFENSE STRATEGY, RELEASED BY THE SECRETARY OF DEFENSE, SEeks TO IMPLEMENT THE PILLARS OF THE NATIONAL SECURITY STRATEGY; REF (B) IS THE DEFENSE PLANNING GUIDANCE WHICH PROVIDES GUIDANCE IN THE FORM OF GOALS, PRIORITIES, AND OBJECTIVES, INCLUDING FISCAL CONSTRAINTS, FOR THE DEVELOPMENT OF EACH MILITARY DEPARTMENTS PROGRAM OBJECTIVE MEMORANDUM AND BUDGET ESTIMATE SUBMISSIONS; REF (C) IS THE MARINE OPERATING CONCEPT THAT DESCRIBES, IN BROAD TERMS, HOW MARINE CORPS FORCES WILL CONDUCT THE RANGE OF MILITARY OPERATIONS IN ACCORDANCE WITH TITLE 10 RESPONSIBILITIES; REF (D) IS THE COMMANDANT'S MESSAGE TO THE FORCE 2018: "EXECUTE" AND PROVIDES CMC GUIDANCE TO THE FORCE; REF (E) IS THE MARINE CORPS WARFIGHTING LABORATORY (MCWL) FISCAL YEARS 18-20 CAMPAIGN PLAN THAT OUTLINES THE SIX LINES OF EFFORT WHICH MCWL IS FOCUSING ON DURING THIS PERIOD IN ORDER TO INFORM THE CAPABILITY DEVELOPMENT PROCESS.

GENTEX/REMARKS 1. PURPOSE. PROVIDE DEPUTY COMMANDANTS, COMPONENT COMMANDS, MARFORCOM AND THE OPERATING FORCES AN OVERVIEW OF UPCOMING FISCAL YEAR 18 AND 19 MCWL SPONSORED EVENTS IOT BETTER COORDINATE OPERATING FORCE AND SUPPORTING ESTABLISHMENT SUPPORT AND TO ENHANCE OVERALL AWARENESS OF MCWL ACTIVITIES. THE INTENT IS TO ANNOUNCE UPCOMING EVENTS SO THAT OPERATING FORCES (OPFOR), IN PARTICULAR, ARE AWARE OF PENDING REQUESTS FOR THEIR SUPPORT AND TO ENABLE BETTER COORDINATION AT FORCE SYNCH CONFERENCES. INVOLVING THE OPERATING FORCES IN THE CAPABILITY DEVELOPMENT PROCESS IS EXTREMELY IMPORTANT AS THE MARINE CORPS DOES NOT USUALLY HAVE DEDICATED EXPERIMENTAL FORCES. IDENTIFYING OPPORTUNITIES TO TIE OPFOR EXERCISES WITH CAPABILITY DEVELOPMENT EVENTS WILL FURTHER REDUCE THE STRAIN ON UNITS, PERSONNEL AND EQUIPMENT. HOWEVER, DUE TO THE SHEER VOLUME OF ACTIVITY, STAND ALONE EVENTS ARE REQUIRED TO FACILITATE FORCE DEVELOPMENT. MCWL WILL PUBLISH UPDATED MESSAGES THROUGHOUT THE YEAR.

2. ORIENTATION. MCWL HAS DEVELOPED A FOUR YEAR CAMPAIGN PLAN FOCUSED ON SIX MAJOR LINES OF EFFORT. THEY ALIGN CLOSELY TO THE MARINE OPERATING CONCEPT AND INCLUDE NAVAL INTEGRATION, EVOLVE THE MAGTF, OPERATE WITH RESILIENCE IN A NETWORK-CONTESTED ENVIRONMENT,
EHANCE THE MAGTF ABILITY TO MANEUVER, CONCEPTUALIZE THE FUTURE FORCE, AND INTEGRATION OF MARINE CORPS SCIENCE AND TECHNOLOGY INVESTMENT AND EFFORTS. TO ACHIEVE OUR MISSION THE WARFIGHTING LAB CONDUCTS A VARIETY OF EVENTS, OFTEN REQUIRING OPERATING FORCE SUPPORT. AN OVERVIEW OF THE TYPES OF EVENTS MCWL EXECUTES IS PROVIDED IN THIS PARAGRAPH. PARAGRAPH 3 WILL THEN DESCRIBE SPECIFIC SCHEDULED EVENTS AND ANTICIPATED SUPPORT REQUIRED THROUGH FY 18 AND 19. DETAILED SUPPORT TO SPECIFIC EVENTS WILL BE PROVIDED IN APPLICABLE SEPARATE FEASABILITY OF SUPPORT MESSAGES.

2.A. ADVANCED NAVAL TECHNOLOGY EXERCISES (ANTX): LIVE FORCE DEMONSTRATIONS OF EMERGING TECHNOLOGIES DESIGNED TO LINK THE WARFIGHTER TO ACADEMIA, INDUSTRY, AND GOVERNMENT RESEARCH LABORATORIES AND IDENTIFY POTENTIAL CURRENT GAP SOLUTIONS OR GAMECHANGING TECHNOLOGIES FOR THE FUTURE OPERATING ENVIRONMENT. TYPICAL SUPPORT INCLUDES RANGES AND TRAINING AREAS, SPECTRUM COORDINATION/DECONFLICTION, SUBJECT MATTER EXPERTISE, MANPOWER TO ASSIST IN EXECUTION, BASE COORDINATION, AND FORCE PROTECTION OF TECH AND FORCES DURING EXECUTION. MCWL WILL EXECUTE A "FIGHTING THE NAVAL FORCE FORWARD" ANTX IN FY 19 UTILIZING THREE DEMONSTRATIONS. ASSOCIATED PRELIMINARY PLANNING AND COORDINATION EVENTS WILL TAKE PLACE IN FY 18.

2.B. WARGAMES: USED IN GENERATING, REFINING, AND ASSESSING CONCEPTS, PLANS, AND CAPABILITY DECISION ALTERNATIVES; FURTHER IDENTIFYING CAPABILITIES AND DEFICIENCIES; ADDRESSING FORCE DEVELOPMENT LEARNING DEMANDS; AND REDUCING SURPRISE. SPONSORSHIP: SPONSORING A WARGAME IS GENERALLY ASSOCIATED WITH THE DEPUTY COMMANDANT, COMPONENT, OR ADVOCATE LEVEL. WARGAME SPONSORS ASSIST IN DEVELOPING OR IDENTIFYING OBJECTIVES OF THE WARGAME. HOSTING: HOSTING A WARGAME INCLUDES PROVIDING LOCAL FACILITIES AND SUBJECT MATTER EXPERTS TO ASSIST IN THE EXECUTION OF A WARGAME. AT TIMES ORGANIZATIONS OUTSIDE OF MCWL MAY BE REQUESTED TO HOST A WARGAME DUE TO TOPIC, GEOGRAPHIC ALIGNMENT TO CONCEPT, OR ORGANIZATIONAL MISSION. THE HOST GENERALLY PROVIDES THE BULK OF THE WARGAMING FORCE WITH SUBJECT MATTER EXPERTS RELATED TO BILLET/MOS/EXPERIENCE. HOWEVER OTHER COMMANDS WILL OFTEN BE ASKED TO PROVIDE REMAINING WARGAME FORCE SUPPORT REQUIREMENTS TO FILL OUT THE FORCE AND TO ENABLE CROSS-SERVICE PERSPECTIVES. DIV-MEF KEY STAFF MEMBERS, THEIR ALPHAS, OR INDIVIDUAL BILLET HOLDERS ARE OFTEN REQUIRED TO FILL OUT A WARGAME FORCE. ONE UNIT WILL USUALLY NOT BE ASKED TO PROVIDE AN ENTIRE ORGANIC STAFF TO SUPPORT A WARGAME.

2.C. LIVE FORCE EXPERIMENTATION:

2.C.1. CONCEPT DEVELOPMENT TEAM (CDT): A TEAM OF MCWL EXPERIMENT PLANNERS AND ANALYSTS THAT WILL OBSERVE MILITARY EXERCISES OR JOINT MILITARY EXPERIMENTS TO EXPLORE NEW CONCEPTS AND/OR EMERGING CAPABILITIES. OFTEN THESE TEAMS WILL ALSO SEEK TO IDENTIFY CAPABILITY GAPS THAT MIGHT SERVE AS THE FOUNDATION FOR FUTURE EXPERIMENT EFFORTS. THIS IS USUALLY DONE USING SHORT INFORMAL INTERVIEWS OR SURVEYS OF PARTICIPANTS WITH SPECIFIC DATA QUESTIONS. THE MCWL MEMBERS OBSERVE KEY PLANNING EVENTS AND REMAIN INTERGRATED THROUGHOUT EXECUTION. AN OUTBRIEF IS GENERALLY PROVIDED TO THE SENIOR COMMANDER AND STAFF UPON COMPLETION OF THE EXERCISE.

2.C.2. LIMITED OBJECTIVE EXPERIMENT (LOE): CONTROLLED EXPERIMENT THAT FOCUSES ON THE DEVELOPMENT OR UTILITY OF EXPERIMENTAL TTPS, EQUIPMENT, OR MANNING SCHEMES ASSOCIATED WITH EMERGING TECHNOLOGY OR CONCEPTS. AN LOE IS USUALLY CONDUCTED WITHIN THE CONTEXT OF A TACTICAL SCENARIO. AN LOE IS LIMITED/RESTRICTED TO A FEW
INNOVATIONS. THIS ENABLES AN EXPERIMENT DESIGN THAT CAN BE TAILORED TO FULLY EXAMINE A PARTICULAR AREA OF CONCERN. TYPICAL SUPPORT DEPENDS ON THE SCOPE AND SCALE OF THE EXPERIMENT. GENERALLY SUPPORT TO AN LOE INVOLVES A COMPANY SIZED OR SMALLER FORCE FOR 7-14 DAYS IN LENGTH. ASSOCIATED COSTS ARE USUALLY COVERED BY MCWL. PRELIMINARY PLANNING TAKES PLACE DURING SMALL CONFERENCES (IPC, MPC, FPC) IN WHICH A UNIT LEADER SHOULD ATTEND ONCE IDENTIFIED. EVENT LIFE CYCLE USUALLY INCLUDES A PLANNING PHASE, TRAINING PHASE, EXECUTION OF THE LOE AND A POST EXECUTION BACKBRIEF.

2.C.3. ADVANCED WARFIGHTING EXPERIMENT (AWE). A LARGER SCALE EXPERIMENT THAT IS GENERALLY EMBEDDED WITHIN A LARGE-SCALE OPERATING FORCE EXERCISE SUCH AS EXERCISE BOLD ALLIGATOR, MEFEX, OR EXERCISE RIM-OF-THE-PACIFIC (RIMPAC). AN AWE TYPICALLY INVOLVES COMBINATIONS OF EXPERIMENTAL CONCEPTS, TECHNOLOGIES AND TTPS AND MAY INVOLVE FORCE ON FORCE EVALUATION. LARGER EXPERIMENTS, SUCH AS AN AWE INCLUDE BN SIZED OR HIGHER ECHELONS, ARE USUALLY ALIGNED WITH LARGE SCALE EXERCISES, AND GET INTEGRATED AT THE CONCEPT DEVELOPMENT CONFERENCE IN THE EXERCISE LIFE CYCLE. AN AWE GENERALLY REQUIRES DIRLAUTH EARLY IN THE PROCESS WHICH ENABLES EARLY COORDINATION WITH THE COMMANDER AND STAFF. BATTALION OR LARGER EVENTS ADDRESS OVERARCHING MAGTF LEVEL ISSUES ASSOCIATED WITH EMERGING CONCEPTS, COMREL ISSUES, AND FORCE STRUCTURE AND MAY INVOLVE ALL WARFIGHTING FUNCTIONS. THE AWE CAN BE A CULMINATING EVENT FOR A SERIES OF LIMITED OBJECTIVE EXPERIMENTS AND MAY NOT REQUIRE ALL ELEMENTS OF A MAGTF. MCWL ATTEMPTS TO ALIGN LARGER EXPERIMENTS SUCH AS AN AWE WITH ALREADY EXISTING EXERCISES IOT REDUCE THE DEMAND ON THE OPERATING FORCE.

2.C.4. MAGTF INTEGRATED EXPERIMENT (MIX): SIMILAR TO AWE IN THAT IT INVOLVES MULTIPLE COMBINATIONS OF EMERGING CONCEPTS, EXPERIMENTAL TECHNOLOGIES, AND TTPS. A MIX IS DISTINGUISHED IN THAT IT PLACES EMPHASIS ON INCLUDING ALL FOUR ELEMENTS OF THE MAGTF AND THEN ASSESSES THE IMPACTS OF PROPOSED CHANGES TO ONE OR MORE ELEMENTS OF THE MAGTF. MAGTF INTEGRATED EXPERIMENTS ARE THE LARGEST TYPE OF LIVE FORCE EXPERIMENTATION CONDUCTED BY MCWL AND ARE THE MOST COMPLEX TO DESIGN AND COORDINATE. A MIX REQUIRES ALL ELEMENTS OF A MAGTF AND SIGNIFICANT SUPPORT AND INTEGRATION WITH THE FORCE CONDUCTING THE EXERCISE. PLANNING FOR A MIX GENERALLY STARTS EIGHTEEN TO TWENTY-FOUR MONTHS AHEAD OF THE EXERCISE DATE.

2.D. SCIENCE AND TECHNOLOGY TESTING:

2.D.1. LIMITED TECHNICAL ASSESSMENT (LTA): AN LTA IS FOCUSED ON THE TECHNICAL PERFORMANCE OF A PARTICULAR PIECE OF EQUIPMENT OR EMERGING TECHNOLOGY. AN LTA, USUALLY WITH AN ATTENDANT FULL/FUNCTIONAL SYSTEMS TEST (FST), DETERMINES WHETHER OR NOT A TECHNOLOGY FUNCTIONS AS ADVERTISED AND IS THEREFORE READY FOR FURTHER DEVELOPMENT AND EVENTUAL INTEGRATION INTO AN EXPERIMENT SUCH AS A LIMITED OBJECTIVE EXPERIMENT (LOE), ADVANCED WARFIGHTING EXPERIMENT (AWE), OR MAGTF INTEGRATED EXPERIMENT (MIX) TO ASSESS ITS IMPACT ON THE OVERARCHING CONCEPT.

2.D.2. LIMITED OPERATIONAL ASSESSMENT (LOA). EVALUATION OF THE OPERATIONAL USE AND ORGANIZATION–PEOPLE, EQUIPMENT–REQUIRED TO EMPLOY THE SYSTEM OR MULTIPLE SYSTEMS IN A CONTROLLED OPERATIONAL SCENARIO. THESE EVENTS ARE MORE IN DEPTH THAN LIMITED TECHNICAL ASSESSMENTS AND ARE DESIGNED TO FURTHER DEVELOP OPERATIONAL METHODS FOR EMPLOYING EMERGING TECHNOLOGY OR CONCEPTS. LOAS GENERATE A DRAFT RECOMMENDED CONCEPT OF EMPLOYMENT, TTPS, AND TENTATIVE TABLES OF ORGANIZATION/TABLES OF EQUIPMENT.
2.D.2.1. Depending on the technology or concept to be demonstrated, LTAS and LOAS may require a spectrum of support, ranging from none to extensive military, government and/or contractor personnel, facilities, or access to supporting systems. In general, LTAS and LOAS usually involve placing a technology or family of technologies in a field setting where, after a short familiarization, OPFOR Marines employ them IAW normal mission/operations. Length is usually one week to three weeks. MCWL is exploring alternatives for conducting LTAS and LOAS with limited to no impact on the OPFOR.

2.D.3. Operational Assessments (OA): Focuses on sourcing operating force units a specific technology and allowing them to conduct an assessment over an extended period, deployment, or large scale exercise with specific controls in place. Technology assessed during an OA must be installed, operated, and maintained by service members in an operationally accurate environment to the greatest extent feasible. An operational assessment allows OPFOR units to provide innovative concepts of employment, technology modifications or enhancements; and provide a MAGTF level view of the technology.

2.D.4. End User Evaluations (EUE): An EUE requires a technology/innovation to be used and applied by a OPFOR unit without the restrictive design and controls characteristic of other types of assessments. An EUE is not necessarily a military experiment; however, it can be very useful in gaining additional insights about a concept or technology that has already been experimented with and can play a critical role in setting the stage for future integration efforts. In general, EUES involve the transition of a technology (ownership) to an OPFOR unit for an extensive period of time. The operating force unit then trains, maintains, employs, and controls the technology and upon conclusion provides detailed feedback to MCWL engineers, project managers, and concept/ttp developers in order to inform capability development. Coordination is conducted with the commanders at all levels well prior to taking ownership.

2.3.4.1 OA and EUE are usually conducted through the MCWL Rapid Capabilities Office. This office conducts approximately four projects a year seeking to align mature technology with MCWL lines of effort and rapidly prototype that technology through providing it to OPFOR units for use in their normal training and deployment cycles. The MCWL RCO will utilize the same FOS process to align technologies with OPFOR units for rapid prototyping. OA and EUE may require extended FSR support to units.

2.D.5. DARPA Squad-X/Proteus: Defense Advanced Research Projects Agency (DARPA) Squad-X is a program sponsored by DARPA and supported by MCWL that seeks to advance small unit capability via manned/unmanned teaming, precision effects and increased intelligence capability. Squad-X events are similar to LTAS and LOAS in paragraphs 2.D through 2.D.4. Proteus is a program sponsored by DARPA and supported by MCWL that seeks to advance small unit enhanced decision making via a command and control capability to better align manned/unmanned teaming, precision effects and increased intelligence capability. Proteus events involve virtual simulation to map operations and enhance integration similar to LTAS and LOAS in paragraphs 2.D through 2.D.4. DARPA support requirements are generally coordinated through MCWL and have a similar impact on units as the other listed events. DARPA funds all TAD to support these events.
2.E. RAPID CAPABILITY ASSESSMENT. THE RCA IS AN EVENT CONDUCTED UNDER REALISTIC COMBAT CONDITIONS BY TYPICAL MILITARY USERS TO DETERMINE WHETHER PROTOTYPE SYSTEMS ARE OPERATIONALLY EFFECTIVE AND SUITABLE. THE EXTENT OF THE OPERATIONAL EFFECTIVENESS AND SUITABILITY EVALUATION MAY BE LIMITED BY THE SCOPE AND TIME FRAME OF THE ASSESSMENT. THE RCA IS PERFORMED BASED ON A MISSION-ORIENTED CONTEXT TO RELATE RESULTS TO THE IMPACT ON THE WARFIGHTER'S ABILITY TO EXECUTE MISSIONS. THE RCA PROHIBITS CONTRACTORS DEVELOPING THE PROTOTYPE FROM BEING INVOLVED IN THE OPERATION OR MAINTENANCE OF THE SYSTEM UNLESS THE CONTRACTOR WOULD BE INVOLVED IN THE SAME FUNCTIONS WHEN THE SYSTEM IS DEPLOYED IN COMBAT.

3. EVENTS. EVENTS ARE BROKEN DOWN IN CHRONOLOGICAL ORDER AND CONSIST OF THE FOLLOWING: EVENT - DATES - FOCUS AREA. FOR EVENTS WHERE A FOS EXISTS, THAT FOS IS IDENTIFIED BY DTG. ANTICIPATED FOS RELEASE DATES ARE PROVIDED WHERE APPLICABLE. ADDITIONAL DETAILS ARE ALSO PROVIDED WHERE APPLICABLE. EVENTS MAY BE MODIFIED, ADDED OR DELETED OVER TIME DEPENDING ON SENIOR LEADER GUIDANCE AND DEVELOPMENTS IN FUTURE FORCE IMPLEMENTATION. MCWL WILL CONTINUE TO INFORM MARFORCOM, THE MARFORS AND MEFS ON PLANNED EVENTS IN ORDER TO REDUCE FRICTION AND IMPACT ON THE OPERATING FORCES. SPECIFIC FEASIBILITY OF SUPPORT MESSAGES FOR INDIVIDUAL EVENTS WILL BE PUBLISHED VIA SEPARATE CORRESPONDENCE.

3.1. FISCAL YEAR 2018. READ IN THREE COLUMNS, DATES, EVENT NAME, AND FOCUS AREA FOLLOWED BY BRIEF A DESCRIPTION OF ANTICIPATED SUPPORT WHICH WILL BE REQUESTED VIA FEASIBILITY OF SUPPORT MESSAGE IAW MARFORCOM GUIDANCE.

<table>
<thead>
<tr>
<th>DATES</th>
<th>EVENT</th>
<th>FOCUS AREA/DESCRIPTION</th>
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<tbody>
<tr>
<td>4-8 JUN</td>
<td>EABO/FNFF ANTX WORKSHOP-1</td>
<td>WORKSHOP PREP FOR NEXT ANTX</td>
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<td>EVENT WILL BE DESIGNATED EABO FIGHTING THE NAVAL FORCE FORWARD (FNFF) ANTX</td>
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<td>REQUESTED PERSONNEL INDICATED IN FOS</td>
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<td>FOS RELEASED: DTG: 191927Z APR 18</td>
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<td>FINAL COORDINATION IS ONGOING</td>
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<td>18-22 JUN</td>
<td>MARITIME SEC COOP WGAME EXAMINE MSC CONTRIBUTION TO GCPS</td>
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<td>PRECOORDINATION COMPLETE WITH PPO PLU-7</td>
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<td>FOS RELEASED: DTG: 191927Z APR 18</td>
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<td>FINAL COORDINATION IS ONGOING</td>
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<td>SPONSOR: DC PP/O PLU</td>
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<td>HOST: MCWL</td>
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<td>18-22 JUN</td>
<td>IE OPS/SIGMAN WARGAME SIGNATURE/SPECTRUM MANAGEMENT</td>
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<td>PRE-COORDINATION COMPLETE WITH SPONSOR DC I / IWID</td>
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<td>FOS MESSAGE DTG: 251940Z APR 18</td>
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<td>SPONSOR: IWID/DCI</td>
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<td>HOST: II MEF</td>
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<tr>
<td>JUL/AUG</td>
<td>PROTEOUS DEMO #1 MCWL/TECOM SUPPORT C2/EW/I0</td>
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<td>1 X T/O T/E RIFLE SQUAD (TECOM SUPPORTED)</td>
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<td>DARPA WILL FUND ALL EXPENSES REQUIRED FOR TAD INCLUDING TRANSPORTATION, LODGING, AND M&amp;IE</td>
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<td>OVERVIEW FOS TO TECOM PENDING; COORDINATION IS ONGOING</td>
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<tr>
<td>1-30 JUL</td>
<td>ORGANIC PRECISION FIRES-LTA PRECISION FIRES</td>
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<td>3 X MOS 0313</td>
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<td>2 X MOS 2147</td>
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https://lejeune.amhs.usmc.mil/Amhs/mp.asp?msgid=917320&messagetype=0&pagekey=B... 6/1/2018
- 1 X LAV LOGISTICS VARIANT VEHICLE WITH TO/TE
- UNIT-ESTABLISHED MAINTENANCE SPACE
- INTEGRATION OF SYSTEM WILL TAKE TWO DAYS
- FOS RELEASED: 031408 MAY 18/RECEIVED RESPONSE FROM 1ST MARDIV
STATING FULLY SUPPORTABLE VIA MESSAGE 211915Z MAY 18

9-13 JUL 18 EABO/FNFF ANTX WORKSHOP-2 WORKSHOP PREP FOR NEXT ANTX
- PRE-COORDINATION COMPLETED
- FOS RELEASED: DTG: 231929Z APR 18
- GO INVITE SEPCOR
- FINAL COORDINATION IS ONGOING

9-12 JUL 18 NAVAL SERVICES GAME 18 OPER LEVEL C2, NAVAL INTEGRATION
- PRECOORDINATION COMPLETED BETWEEN NAVAL BOARD / MCWL
- FOS RELEASED: DTG: 231929Z APR 18
- GO INVITE SEPCOR VIA DC CD&I
- FINAL COORDINATION IS ONGOING
- SPONSOR: MCWL
- HOST: MCWL/MCIA

23-27 JUL 18 EAB OPS WARGAME I.D. CAPABILITIES REQUIRED FOR EAB OPS
- EVENT SUPPORTS EABO/FNFF ANTX PREP
- REQUESTED PERSONNEL INDICATED IN FOS/DTG: 191927Z APR 18
- FINAL COORDINATION IS ONGOING
- SPONSOR: MCWL
- HOST: SPAWAR, SAN DIEGO

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- CALLING MESSAGE RELEASED: DTG: 081854Z MAY 18

6-18 AUG 18 SQUAD-X EVENT 1 DARPA SUPPORTED INF SQD TECH TESTING
- 1 X T/O/E RIFLE PLATOON
- 1 X T/O/E RIFLE SQUAD
- 2 X UAS TRAINED OPERATORS
- 1 X CORPSMAN
- DARPA WILL FUND ALL EXPENSES REQUIRED FOR TAD INCLUDING
TRANSPORTATION, LODGING, AND M&IE.
- FOS RELEASED: DTG: 152112Z MAR 18

5-18 SEP 18 VALIANT SHIELD-18 CONCEPT DEVELOPMENT TEAM
- SUPPORT TO BE DISCUSSED AT FPC DURING JUNE 4-8
- NO FOS REQUIRED, COORDINATION UNDERWAY

17-21 SEP 18 MAGTF WARRIOR 18 WRGAME LOGISTICS SUPPORT IN FORCIBLE ENTRY OPS
- OPFOR PARTICIPATION / REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE - PROJECTED JUN 18
- SPONSOR: MCWL/DC I&L
- HOST: III MEF

3.2. FISCAL YEAR 2019. READ IN THREE COLUMNS, DATES, EVENT NAME, FOCUS ARE/DESCRIPTION DATE EVENT FOCUS AREA/DESCRIPTION

22-26 OCT 18 FUTURE GCE RECON WRGAME EVALUATE FUTURE GCE CAPS ACROSS WFF
- OPFOR PARTICIPATION / REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / PROJECTED JUN 18
- SPONSOR: DC PP/O-POG
- HOST: MCWL

25 OCT-7 NOV 18 TRIDENT JUNCTURE 18 EXPEDITIONARY LOGISTICS LOE
- COORDINATION WITH II MEF, 2ND MLG IS APPROVED AND ONGOING
- EVENT BUILDS ON LOE CONDUCTED ICW ITX 3-18

29 OCT-16 NOV 18 MANNED-UNMANNED TEAMG ROBOTICS AND AUTONOMY LOA
- ANTICIPATE TOTAL OF 193 PAX REQUIRED
- 1 X INFANTRY COMPANY
- 5 X CORPSMEN
- 5 X FIELD RADIO OPERATORS
- 4 X 04XX
- FOS RELEASED: DTG 152117Z MAR 18; TITLE: FEASIBILITY OF SUPPORT (FOS) FOR MANNED UNMANNED TEAMING (MUMT) LIMITED OPERATIONAL ASSESSMENT (LOA)

29 OCT-2 NOV 18 21ST CENTURY FIRES WGAME DEVELOP FUTURE GCE FIRES RQMTS/CONCEPTS
- OPFOR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / PROJECTED JUL 18
- SPONSOR: DC PP/O-POG AND MARDET FT SILL
- HOST: MCWL

1-15 DEC 18 EABO/FNFF ANTX DEMO#1 ANTX FOCUS ON IE OPS
- HOST BASE RANGES, TRAINING AREAS, ASSESSOR/OBSERVER SUPPORT
- FINAL OPFOR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED AUG 18
- SSC PAC, SAN DIEGO WITH IMPACT ON SAN CLEMENTE ISLAND AND NR&DE LABS

JAN - FEB (T) 19 EXPED WARRIOR WARGAME DEV CONEMP AND INFORM EABO CONCEPT
- REQUESTING I MEF, HQMC PERSONNEL
- NO FOS RELEASED TO DATE / FOS PROJECTED SEP 18
- SPONSOR: MCWL
- HOST: REQUESTING I MEF HOST THIS EVENT

JAN-TBD 19 ORGANIC PRECISION FIRES LTA RCO SPONSORED LTA
- LAR FIRE SUPPORT TEAM
- ELEMENTS OF A CAAT SECTION
- SMES FROM MARSOC RAIDER BN - MOS 0370/0372 (NUMBER TBD)
- FOS TO BE RELEASED O/A AUGUST 2018
- EVENT PLANNED FOR YUMA. MCWL RCO WILL FUND TRAVEL AND LOG SUPPORT

JAN-TBD 19 URBAN ENGAGEMENT SYSTEM AUDIBLE TRANSLATOR TECH RCA
- HANDHELD VERBAL TRANSLATION CAPABILITY TEST
- FOS TO BE RELEASED O/A SEPTEMBER 2018
- INTENT IS TO FALL IN ON EXISTING MEU WORKUP (31ST MEU OR WEST COAST MEU)
- RCO WILL PROVIDE TRANSLATOR TOOLS FOR A PLATOON TO USE DURING WORKUPS
- FOCUS IS ON A PORTION OF WORKUPS IN WHICH MEU MARINES ARE INTERACTING WITH ROLE PLAYERS IN URBAN ENVIRONMENT
- TRANSLATOR TOOLS WILL NOT BE PROVIDED FOR DEPLOYMENT

1 JAN-1 DEC 19 SMET EXTENDED USER EVAL RCO ROBOTIC/AUTONOMOUS EUE
- SMET IS SQUAD MULTI PURPOSE EQUIPMENT TRANSPORT
- 1 X INFANTRY BN WILL BE PROVIDED ROBOTIC/AUTONOMOUS EQUIPMENT PROTOTYPES FOR LONG TERM USER EVALUATION; APPROXIMATELY ONE YEAR/APPROXIMATELY 12 SMETS
- SMET WILL NOT DEPLOY WITH UNIT
- MCWL RCO WILL FUND FSR AND LOG SUPPORT FOR SMETS
- MCWL REQUESTS EAST COAST INFANTRY UNIT FOR THIS EUE
- FOS PENDING

7-11 JAN(T) 19 POM-21 WARGAME INFORM POM-21 SUBMISSION
- OPFOR PARTICIPATION / REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED SEPT 18
- SPONSOR: CDD
- HOST: MCWL
- ANTICIPATED IMPACT ON OPFOR BASED ON POM-20 WARGAME IS SENIOR MEF LEADERSHIP REPS; DEPUTY MEF COMMANDERS, MEB CGs AND G-5 OR DEPUTIES.

28 JAN- 1 FEB 19 OST&E OAG OAG
- EVENT COORDINATES AND CAPTURES OPFOR S/T PRIORITIES AND ALIGNS EXPERIMENT EFFORTS
- PLANNED FOR I MEF HOSTING IN 2019
- MARFOR AND MEF SCIENCE ADVISOR SUPPORT IN PLANNING/EXECUTION
- AUDITORIUM SUPPORT FOR 150-200 PARTICIPANTS REQUESTED
- THREE BREAK OUT ROOMS HOLDING 30-40 PERSONNEL WITH AUDIO/VISUAL EQUIPMENT REQUESTED
- SECURITY SUPPORT FOR SOME PORTIONS OF THE EVENT WHICH WILL BE AT SECRET AND TS/SCI CLASSIFICATION LEVEL
- CALLING MESSAGE PENDING ON/ABOUT JULY 2018

FEB/MAR 19 DARPA PROTEOUS DEMO #2 DARPA C2/EW/IO INTEGRATION
- 1 X T/O T/E RIFLE SQUAD (TECOM SUPPORTED)
- 2 X UAS TRAINED OPERATORS (TECOM SUPPORTED)
- 1 CORPSMAN (TECOM SUPPORTED)
- DARPA WILL FUND ALL EXPENSES REQUIRED FOR TAD INCLUDING TRANSPORTATION, LODGING, AND M&IE
- OVERVIEW FOS TO TECOM PENDING; COORDINATION IS ONGOING

FEB/MAR 19 RCO TEMSOS OPS ASSESSMENT INTRA-SQUAD COMMUNICATIONS LTA
- 2 X INFANTRY PLATOON PLUS CORPSMEN FOR FORCE ON FORCE EVENT
- INTENT IS TO PROVIDE SQUAD COMMUNICATIONS SYSTEMS TO TWO PLATOONS
- DURING FORCE ON FORCE EVOLUTION
- FOS TO BE RELEASED O/A AUGUST 2018
- MCWL REQUESTS HI-BASED UNITS FOR LTE; APPROXIMATELY ONE WEEK FOR TRAINING ON SYSTEM AND FORCE ON FORCE EVENTS. OPPORTUNITY FOR DOWN TIME TRAINING WILL LIKELY EXIST FOR PLATOONS

MAR/APR 19 EABO/FNFF ANTX DEMO #2 BLUE KILL CHAIN ANALYSIS
- OPOFAR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- LIVE VIRTUAL CONSTRUCTIVE EVENT
- NO FOS RELEASED TO DATE / FOS PROJECTED NOV 18
- SSC PAC, SAN DIEGO WITH IMPACT ON SAN CLEMENTE ISLAND AND CHINA LAKE

10-23 MAR 19 PACIFIC BLITZ 19 LOE: ASSESS IE OPS 7 FUNCTIONS AND MIG T/O
- COORDINATION ONGOING VIA I MEF SCHEDULING/FOS TBD

1 APR (T) 19 SQUAD X EVENT 2 DARPA SUPPORTED INF SQD TECH TESTING
- 1 X T/O/E RIFLE PLATOON
- 1 X T/O/E RIFLE SQUAD
- 2 X UAS TRAINED OPERATORS
- 1 X CORPSMAN
- DARPA WILL FUND ALL EXPENSES REQUIRED FOR TAD INCLUDING TRANSPORTATION, LODGING, AND M&IE.
- ANTICIPATE FOS RELEASED ON/ABOUT OCTOBER 2018

NET APR 19 AUTONOMY RCA GROUND VEHICLE PLATFORM RCA
- AUTONOMOUS VEHICLE SYSTEM CONTROL AND MISSION EXECUTION COMBO
- FOS TO BE RELEASED O/A SEPTEMBER 2018

NET APR 19 ITIW RCA INFORMATION WARFARE RCA
- INTEGRATED TACTICAL INFORMATION WARFARE IS A FY 19 RCO FOCUS AREA
- PERSONAL DEVICES ENTERPRISE SOLUTION, INFORMATION ENVIRONMENT VISUALIZATION COMBO
- FOS TO BE RELEASED O/A SEPTEMBER 2018

1 APR-TBD 19 EW/IO/CYBER LOA LOA: EW/IO/CYBER/FIRES DEMO TEST EVENT
- 1 X BN FSCC T/O AND T/E
- 1 X T/O & T/E INFANTRY RIFLE PLATOON
- 2 X EWST TEAMS
- FOS TO BE RELEASED O/A SEPTEMBER 2018

1 APR-(T) 19 THIRD OFFSET/ AI WARGAME WARGAME ADDRESSING AI IN MILITARY APPLICATIONS
- FOCUS ON AI AND POTENTIAL APPLICATIONS TO MILITARY DECISIONMAKING AND OPERATIONS
- 1 X MEU STAFF
- NO FOS RELEASED TO DATE/FOS PROJECTED NOV/DEC 19

JUNE-TBD 19 EABO/FNFF ANTX DEMO #3 MAN/LOGISTICS
- OPOFAR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED AUG 18
- EVENT ANTICIPATED TO TAKE PLACE ON EAST COAST

MAY- (T) 19 NAVAL SERVICES GAME 19 EXAMINE DMO IN REL TO EAB OPS
- DMO: DISTRIBUTED MARITIME OPERATIONS (USN CONCEPT)
- OPOFAR PARTICIPATION / REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED JAN 19
- SPONSOR: MCWL
- HOST: TBD, CURRENTLY DO NOT ANTICIPATE REQUESTING MEF TO HOST THIS EVENT
- NSG 17 AND 18 REQUIRED 3-STAR ATTENDANCE ACROSS USN AND USMC. CMC AND CNO TYPICALLY ATTEND FINAL DAY OF WARGAME.

1 MAY- (T) 19 MIG WARGAME MIG VS MIG WARGAME WITH IW CAPS
- OPFOR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED JAN 19
- SPONSOR: DCI
- HOST: MCIOC/MCWL

JUN-/ (T) 19 MAGTF WARRIOR 19 DEV CONEMP AND FCTNL CONCEPTS FOR EABO
- REQUEST II MEF HOST EVENT / REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED FEB 19
- SPONSOR: MCWL
- HOST: TBD

JUN-TBD 19 ROBOTIC COMPLX BREACH ROBOTIC AND AUTONOMOUS LTA
- OPFOR PARTICIPATION/ REQUIREMENTS PENDING FURTHER COORDINATION
- NO FOS RELEASED TO DATE / FOS PROJECTED JANUARY 19

JUN OR JUL 19 PROTEOUS DEMO #3 C2/EW/IO INTEGRATION FOR SMALL UNITS
- 2 X T/O T/E RIFLE SQUAD (OPFOR SUPPORT REQUIRED)
- 2 X UAS TRAINED OPERATORS (OPFOR SUPPORT REQUIRED)
- INTENT IS TO LINK PROTEOUS TO UNIT TDK TO TEST THE SYSTEM AT A UNIT HOME STATION
- IF CONCUTED IN QUANTICO DARPA WILL FUND ALL EXPENSES REQUIRED FOR TAD INCLUDING TRANSPORTATION, LODGING, AND M&IE IF APPLICABLE
- FOS IS PENDING

1 JUL-1 AUG 19 DENSE URBAN OPS EXPERIMENT URBAN C2, FIRES, ISRE, SBTX LOE
- 1 x INFANTRY COMPANY (REINFORCED)
- 1 X INFANTRY BATTALION HEADQUARTERS RESPONSE CELL
- NO FOS RELEASED TO DATE/FOS PENDING

1 JUN - DEC (T) 19 BOLD ALLIGATOR 19 TTXS OBSERVE MIG/IE OPS- CDT
- REQUEST OBSERVATION AND/OR INTEGRATION OF PERSONNEL
- NO FOS RELEASED TO DATE/FOS PENDING

JUNE OR JUL 19 INNOVATION SYMPOSIUM FOURTH ANNUAL INNOVATION SYMPOSIUM
- ANTICIPATE SIMILAR IMPACT AS THIRD ANNUAL SYMPOSIUM
- HOST/SPONSOR: MCWL

AUG (T) 19 SQUAD X EXPERIMENT #4 DARPA SUPPORTED INF SQD TECH TESTING
- TOTAL (43) PAX
- 1 INFANTRY T/O T/E PLATOON
- 1 X USN 8404
- 1 X 0621 RADIO OPERATOR
- 2 X UAS TRAINED OPERATORS
- ANTICIPATE FOS RELEASE JANUARY 2019

4. COORDINATION. MCWL WILL CONTINUE COORDINATING OPERATING FORCE SUPPORT VIA THE MARFORCOM FORCE SYNCHRONIZATION CONFERENCES AND IAW THE APPROVED BUSINESS RULES. MCWL ANTICIPATES RELEASING UPDATED MESSAGES OUTLINING KNOWN FUTURE EVENTS APPROXIMATELY ONCE PER QUARTER TO KEEP DEPUTY COMMANDANT, MARFOR AND OPFOR ELEMENTS INFORMED. MCWL POCBS BY DIVISION ARE:
MCWL G3: COL DON WRIGHT (DONALD.WRIGHT@USMC.MIL, 703-432-0499)
EXPERIMENT DIVISION: MR. KRIS STILLINGS (KRIS.STILLINGS@USMC.MIL, 703-432-1037)
SCI AND TECHNOLOGY DIVISION: MR. JEFF TOMCZAK, (JEFF.TOMCZAK@USMC.MIL, 703-782-0144)
RAPID CAPABILITIES OFFICE: MR. MASCO SETTLES (MASCO.SETTLES@USMC.MIL, 703-431-1022)
WARGAME DIVISION: LTCOL TONY ZINNI (ANTHONY.ZINNI@USMC.MIL, 703-432-4513)
ELLIS GROUP: MR. DOUG KING (DOUGLAS.KING@USMC.MIL, 703-432-0991)

5. POC FOR MORE INFORMATION OR COORDINATION OF DETAILED INTEGRATION WITH MARINE CORPS WARFIGHTING LAB EVENTS IS G-3 MCWL, COLONEL DON WRIGHT, DONALD.WRIGHT@USMC.MIL; 703-432-0499.