

APPENDIX D

**MLRS BATTALION AND BATTERY
TACTICAL STANDING OPERATING PROCEDURES**

This appendix is designed as a guide and checklist for preparing a field artillery TSOP for the MLRS battalion and MLRS battery. This appendix is not intended to be all-inclusive regarding the information required by an individual unit TSOP. These TSOP outlines are recommended for use by all MLRS battalions and MLRS batteries to standardize TSOPs within the MLRS community. MLRS platoon operations are usually covered within the MLRS battalion or battery TSOP; therefore, a separate MLRS platoon TSOP will not be addressed.

General

The TSOP is a set of instructions covering those features of operations which lend themselves to a definite or standardized procedure to increase effectiveness. The TSOP is an order from the commander that tells his staff and subordinates how he intends to run his unit. Procedures outlined in the unit TSOP apply unless the commander orders otherwise.

This appendix provides an outline for use in developing a TSOP. A sample format is provided for use by all MLRS battalions and MLRS batteries. Standardized formats are very helpful to newly assigned personnel who must quickly find the answers to operations questions. When TSOPs are exchanged with other units during coordination or liaison, they help both units understand the operating procedures of the other.

TSOP Format

The basic format of a TSOP is the implementing memorandum with attached annexes and appendices. Additionally, a table of contents for attached annexes may be inserted to provide a quick reference to information contained in the TSOP.

Normally, TSOPs are unclassified to facilitate distribution to all levels that need to have the information. However, selected portions of the TSOP may be classified and should be identified as such in the table of contents.

Note: Normally, each annex would start on a separate page. However, for presentation here, page breaks are shown by a line between each annex.

LEGEND

AD	= air defense	MWR	= morale, welfare, and recreation
BDAR	= battlefield damage assessment and repair	ORF	= operationally ready floats
CI	= civilian internee	PERSTAT	= personnel status
EI	= essential elements of information	ROM	= refuel on the move
LOGPAC	= logistics package	SALUTE	= size, activity, location, unit, time and equipment (memory aid)
LOGSTAT	= logistics status	SITREP	= situation report
MEDEVAC	= medical evacuation	TACJAM	= tactical jamming
MI	= military intelligence	WSRO	= weapon system replacement
MIJI	= meaconing, intrusion, jamming, and interference operations		
MOPP	= mission oriented protective posture		

Section I
IMPLEMENTING MEMORANDUM (Battalion and Battery)

DEPARTMENT OF THE ARMY
Unit
Location

OFFICE SYMBOL

Date

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Tactical Standing Operating Procedures

1. REFERENCES. This paragraph should contain all references that support the TSOP. A primary reference is the TSOP of the unit's higher headquarters with which it must operate. In cases where a unit has contingency missions with more than one higher headquarters, its TSOP should be written for the primary mission and annotations should be made within the text as appropriate where procedures differ.

2. APPLICABILITY/SCOPE. The purpose of this paragraph is to outline the applicability and/or scope of the TSOP. The paragraph below is one example.

This TSOP covers only wartime operations after deployment. This TSOP does not and will not repeat doctrine, tactics, or techniques that are provided in FMs, TMs, and MTPs. It applies to all organic, assigned, attached, and OPCON units. It also applies to all supporting units operating in or occupying areas within the battalion or battery area of operation. All TSOP provisions apply except as modified by operations orders and plans. No provision will replace good judgment and common sense.

3. PURPOSE. The purpose of this paragraph is to describe the purpose of the TSOP. The paragraph below is one example.

This TSOP prescribes guidance for the conduct of sustained tactical operations. Specifically, it standardizes those routine and/or recurring operational procedures and responsibilities of individuals and/or organic and supporting elements.

4. GUIDANCE TO SUBORDINATE UNITS. As appropriate.

5. PROPONENCY. Overall proponency is usually the battalion S3 or the operations officer at the battery level. The proponent for each annex and appendix may be listed in this paragraph if applicable.

6. CHANGES. The purpose of this paragraph is to outline procedures for making changes to the TSOP. Consider the following topics for inclusion in this paragraph:

- Who is responsible for writing and coordinating changes. Normally the proponent of each annex and/or appendix is responsible for writing changes to his respective annex and/pr appendix.
- Who approves changes. Normally the commander approves changes to the TSOP, but the procedure for approval and dissemination must be specified.
- How changes are to be posted. The TSOP should be preceded by a posted changes page.

SIGNATURE BLOCK
RANK, FA
Commanding

DISTRIBUTION: Distribution is usually made in accordance with a unit distribution scheme, such as "DISTRIBUTION A." Whether distribution is made in accordance with a unit distribution scheme or listed by element and number of copies, the following should be considered:

- What elements need copies within the battalion or battery?
- How many copies are needed by each element?
- Distribution of changes.
- Liaison officer team distribution during operations.
- Distribution to external elements.

Section II BATTALION TSOP

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Note: Tabs may be used to further divide an appendix if an appendix has many subparts and is considered too lengthy. An example page for a tab is as follows A-1-A-1. This means page 1 of tab A to Appendix 1 of Annex A. Subsequent pages within the tab are numbered sequentially as A-1-A-2, A-1-A-3, and so forth. Tabs may be included in the table of contents.

ANNEX A (Operations) to _____ Bn, _____ FA (MLRS)TSOP

The purpose of this annex is to prescribe operations within the battalion. Consider the appendixes below for inclusion in this annex.

Appendix 1- Battalion Command Post. This appendix shows the physical setup of the battalion CP and establishes internal CP operating procedures. Consider the following topics for inclusion in this appendix:

- CP manning.
- Shift organization and sleep plan.
- Shift changeover time and procedures.
- Overall CP lay down with vehicles.
- TOC internal setup.
- CP communications (internal and external).
- Specific duties and responsibilities.
- Priorities of work.
- Access control.
- Security.
- Load plans.

Appendix 2- Liaison. This appendix outlines the duties and responsibilities for liaison personnel. Consider the following topics:

- Organization
- Transportation.
- Communications.
- Checklist for liaison team.
- Liaison functions.
- Liaison responsibilities to supported unit.
- Liaison responsibilities to parent unit.
- Prioritization and formation of ad hoc teams, as required.
- Load plans.

Appendix 3- Movement and Positioning. This appendix prescribes movement and positioning requirements, procedures, and techniques used within the battalion. Consider the following topics:

- Specific duties and responsibilities.
- Movement orders.
- Movement techniques and METT-T.
- Positioning in the offense.
- Positioning in the defense.

- Displacement options.
- Convoy procedures.
- Command and control during movement.

Appendix 4- Command and Control. This appendix outlines how the battalion will be commanded and controlled. Consider the following topics:

- Responsibilities for command and control.
- Orders process.
- Orders distribution.
- Orders format.
- Succession of command.
- Transfer of CP operations.
- Alternate CP.
- Jump CP operations.
- Assignment of rocket or missile missions to batteries.

Appendix 5- Fire Direction. This appendix standardizes tactical fire direction procedures and information. Consider the following topics:

- Personnel responsibilities.
- Initialization.
- Equipment maintenance.
- Communications procedures.
- Degraded mode operations procedures.
- Battalion fire direction procedures.
- Platoon and battery fire direction procedures.
- Massed fire procedures.
- Subscriber tables.

Appendix 6- Survey and Meteorological Support. This appendix prescribes survey operations and identifies responsibilities and procedures for receiving and disseminating met messages. Consider the following topics:

- Personnel responsibilities.
- Survey priorities (for example, PADS, simultaneous observation, and hasty survey).
- Radio communications and requests for survey.
- SCP locations and markings.
- GPS procedures.
- Datum coordination and control.
- Extension of survey.
- Alternate met procedures in case of electronic failure.
- Met message dissemination times.
- Coordination of met requirements.

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Appendix 7- HHSB Operations. This appendix prescribes operating procedures for the HHSB. Consider the following topics:

- Tactical organization.
- Personnel and section responsibilities.
- RSOP.
- Advance party configuration, equipment, and procedures.
- HHSB rearm, refuel, and refit operations.
- Load plans.

Appendix 8- Firing Battery Operations. This appendix prescribes operating procedures for firing batteries. Consider the following topics:

- Battery deployment configurations.
- Battery OPAREA.
- Battery CP lay down with vehicles.
- BOC and LOC internal setups.
- BOC and LOC manning.
- BOC and LOC shift organizations and sleep plan.
- Shift changeover time and briefing procedures.
- Communications (internal and external).
- Specific duties and responsibilities.
- RSOP.
- Advance party configuration, equipment, and procedures.
- Security.
- Load plans.
- Rearm, refuel, and refit operations.

Appendix 9- Firing Platoon Operations. This appendix prescribes operating procedures for firing platoons. Consider the following topics:

- Platoon deployment configurations.
- Platoon OPAREA.
- POC internal setup.
- Sleep plan.
- Communications (internal and external).
- Fire direction (hot, cool, cold status; ammo status).
- Positioning (firing points, ammo supply points, survey control points, and rendezvous point).
- Specific duties and responsibilities.
- RSOP.
- Advance party configuration, equipment, and procedures.

- Security.
- Load plans.

Appendix 10- Launcher Operations. This appendix prescribes operating procedures for launchers. Consider the following topics:

- Fire direction (status, response time, and start-up data).
- Positioning (site selection, making, and survey).
- Movement.
- Security.
- Specific duties and responsibilities.

Appendix 11 - Civil Military Operations. This appendix prescribes operating procedures for civil military operations. Consider the following topics:

- Specific duties and responsibilities.
- Communications and coordination with local and/or host nation officials.
- Refugee control.
- Local and/or host nation support.

Appendix 12- Emergency Destruction. This appendix prescribes procedures within the battalion. Consider the following topics:

- Specific duties and responsibilities.
- Priorities.
- Methods.
- Verification and reporting.

ANNEX B (Intelligence) to _____Bn, _____FA (MLRS) TSOP

This annex prescribes intelligence operations within the battalion. Consider the following topics:

- Specific duties and responsibilities.
- Control and destruction of classified documents.
- EPW procedures.
- Returnees.
- Security.
- Weather.
- Mapping, charting, and geodesy.
- TACJAM procedures.
- EEI.
- IPB.
- Interface with MI and USAF sensing platforms.

ANNEX C (Air Defense) to _____ Bn, _____ FA (MLRS) TSOP

This annex prescribes air defense operations within the battalion. Consider the following topics:

- AD procedures (active and passive).
- AD warning and weapons control status.
- Hostile aircraft criteria.
- Rules of engagement.
- Attached AD elements (C2 of and support for).

ANNEX D (NBC) to __Bn__FA (MLRS) TSOP

This annex provides NBC defense information and prescribes NBC operations within the battalion.

Appendix 1 - NBC Operations. This appendix prescribes NBC readiness and defense operations. Consider the following topics:

- Individual skills.
- NBC teams and/or control parties.
- Warning devices.
- Collective skills.
- Radiation exposure guidance.
- Unmasking procedures.
- Threat assessment.
- Hazard overlay.

Appendix 2- NBC Decontamination. This appendix establishes NBC procedures. Consider the following topics:

- Specific duties and responsibilities.
- Decontamination procedures and levels of decontamination.
- Requests for decontamination support from batteries and platoons and from higher headquarters.

Appendix 3- MOPP. This appendix provides easily accessible information and standardizes wear of protective clothing and use of equipment. Consider the following topics:

- MOPP levels and dissemination of MOPP.
- Standardized wear of MOPP gear (for example, name labels, and so forth).
- Requisition and issue of protective clothing and equipment.
- Location and contents of individual protective clothing and equipment bags.

Appendix 4- NBC Threat Warning and Alarm System. This appendix provides easily accessible information and establishes NBC threat warning and alarm procedures and priority means of dissemination within the battalion.

ANNEX E (Signal) to __Bn__ FA (MLRS) TSOP

This annex prescribes signal operations within the battalion. Consider the following topics:

- Specific duties and responsibilities (staff, batteries, and platoons).
- Comm integration with higher, lower, supported, and adjacent units.
- Signal equipment maintenance.

Appendix 1- Radio Communications. This appendix provides radio comm information and prescribes radio comm procedures. Consider the following topics:

- External net diagrams.
- Internal net diagrams.
- Priority of nets.
- Specific operating and setup procedures (for example, net control, use of antennas, and so forth).

Appendix 2- MSE Communications. This appendix provides MSE comm information and prescribes MSE comm procedures. Consider the following topics:

- Affiliation codes and procedures.
- Disaffiliation procedures.
- RAU positioning and coverage.
- J-1077 positioning and access.
- Subscriber information.

Appendix 3- Communications Security. This appendix establishes comm security procedures. Consider the following topics:

- COMSEC changeover times and procedures.
- Distribution of COMSEC material.
- Loss and recovery of COMSEC material.
- SOI procedures.
- VINSON and MSRT variable control.
- Remote keying procedures.
- MSRT compromise and recovery procedures.
- GPS COMSEC

Appendix 4- Resynchronization. This appendix prescribes procedures to desynchronize serialization of digital systems to correct serialization without voice transmission.

ANNEX F (CSS) to __Bn__ (MLRS) TSOP

This annex prescribes CSS operations within the battalion.

Appendix 1- Battalion Trains. This appendix shows the physical setup of the battalion trains and establishes internal operating procedures. Consider the following topics:

- Specific duties and responsibilities.
- Trains area layout (vehicles and sections).

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- Internal communications.
- Security.
- Movement and positioning.

Appendix 2 -ALOC. This appendix shows the physical setup of the ALOC and establishes internal ALOC operating procedures. Consider the Following topics:

- Specific ALOC functions.
- ALOC manning.
- Shift organization and sleep plan.
- Shift changeover time and briefing procedures.
- ALOC internal setup.
- C3.
- Specific duties and responsibilities.
- Priorities of work.
- Load plans.

Appendix 3- Personnel Operations. This appendix prescribes personnel operations within the battalion to support the soldier and batteries. Consider the following topics:

- Maintenance of unit strength (all levels within the battalion).
- Personnel replacement operations.
- Personnel accounting and strength reporting.
- Personnel data base management.
- Casualty management.
- Postal operations.
- EPW and CI operations.
- MWR.
- Other personnel functions (orders, evaluation reports, promotions, personnel actions, personnel assignment and utilization, and awards).
- LOGPAC input.

Appendix 4- Supply Operations. This appendix prescribes procedures to request, receive, store, and issue supplies. Consider the following topics:

- Specific duties and responsibilities.
- Management of supplies.
- Requisition, flow, and supply distribution (prioritize when applicable).
- All classes of supply (controlled and noncontrolled).
- Water operations, requirements, and points.
- Map supply.
- Publications and blank forms.

- Tabs for preplanned LOGPACs.
- Specific categories of supply (for example, NBC, communications, and small arms).

Appendix 5- Ammunitions Management and Resupply Operations. This appendix prescribes ammunition management and resupply procedures. Consider the following topics:

- Specific duties and responsibilities.
- Requests.
- Resupply procedures used within the battalion.

Appendix 6- Services. This appendix describes logistics support services within the battalion. Consider the following topics:

- Laundry.
- Clothing exchange.
- Showers.
- CTA-50 exchange.
- Graves registration.

Appendix 7- Unit Ministry Operations. This appendix prescribes unit ministry operating procedures. Consider the following topics:

- Communications.
- Priority of coverage.
- Coordination of religious services.
- Chaplain support activities.
- Mass burial.
- Civil actions.
- Supplies and logistic support.
- Accommodation of religious practices.
- Lay minister functions.

Appendix 8- Maintenance Operations. This appendix prescribes maintenance operations. Consider the following topics:

- Specific duties and responsibilities.
- Maintenance priorities.
- Recovery and evacuation priorities.
- Cannibalization and controlled substitution.
- BDAR.
- WSRO.
- Contact teams.
- Equipment density listing.
- Repairable and returnable components and assemblies.
- ORF.

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- Equipment evacuation.
- COMSEC maintenance.

Appendix 9- Refueling Operations. This appendix prescribes refueling operations within the battalion. Consider the following topics:

- Specific duties and responsibilities.
- Fuel request procedures and priorities.
- ROM.
- Day procedures and template.
- Night procedures and template.
- Security.
- Safety.

Appendix 10- Reconstitution. This appendix prescribes procedures to reconstitute the battalion when it falls below an unacceptable level of combat readiness. Consider the following topics:

- Specific duties and responsibilities.
- Requirement to reconstitute (mass casualties, mass destruction of equipment, and the destruction or loss of effectiveness).
- Method of reconstitution (reorganization and regeneration).

Appendix 11- Medical Support Operations. This appendix prescribes medical support operations, Consider the following topics:

- Specific duties and responsibilities.
- Locations and deployment configurations of medical assets-CP and/or trains.
- Assignment of medics.
- Communications.
- Field sanitation.
- Combat lifesaver training.
- Evacuation and reporting procedures.
- Priority of evacuation.
- Collection and accountability of individual equipment and effects.
- Treatment and prevention of disease.
- Mental health, dental, and other essential services.

ANNEX G (Safety) to ___ Bn, ___ FA (MLRS) TSOP

This annex prescribes combat safety requirements and provides risk assessment procedures within the battalion.

Appendix 1- Safety Information and Reporting. This appendix prescribes how command safety information will be distributed and the requirements and means for rendering accident and incident reports.

Appendix 2- Firing Safety. This appendix prescribes combat firing safety requirements.

ANNEX H (Reports) to __Bn,__FA(MLRS TSOP)

This annex provides a single consolidated section within the TSOP to prescribe report requirements within the battalion. Normally, reports are segregated by staff functional area. Reports should be tailored to specific requirements of higher headquarters and the commander's need for input into his decision-making process. Avoid requiring information that is duplicated in other reports or that is of minimal value. To the greatest extent possible, coordinate report transmission and effective times to reduce workloads and to synchronize staff actions. The means for submitting each report and the priority of each means must be addressed. Many reports are submitted as required and should be so indicated. Consider the reports below within this annex.

Appendix 1- Personnel and Administration Reports. Consider the following:

- PERSTAT report.
- Casualty feeder report.
- MEDEVAC request.

Appendix 2- Intelligence and Security Reports. Consider the following:

- Weather report.
- SALUTE report.
- Sensitive items report.

Appendix 3- Operations Reports. Consider the following:

- SITREP.
- Launcher status report.
- Voice or manual fire mission.
- Recon order.
- Movement order.
- Closing report.
- Request to displace.
- Ammunition assets report.

Appendix 4- Logistical Reports. Consider the following:

- LOGSTAT report.
- Equipment status report.
- Combat loss report.
- Logistical spot report.
- Emergency resupply request (ammunition and fuel).

Appendix 5- NBC Reports. Consider the following:

- NBC 1 report.
- NBC 2 report.
- NBC 3 report.

- NBC 4 report.
- NBC 5 report.
- NBC 6 report.
- Chemical downwind message.
- Effective downwind message.
- Request for decontamination support.
- Radiation status report.

Appendix 6- Communications and Electronics Operations Reports. Consider the MIJI feeder report.

Section III
MLRS BATTERY TSOP

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ANNEX A (Operations) to ___ Btry, ___ FA (MLRS) TSOP

This purpose of this annex is to prescribe operations within the battery.

Appendix 1- Battery Command Post. This appendix shows the physical setup of the battery setup of the battery CP and establishes internal CP operating procedures. Consider the following topics:

- Battery CP manning.
- Battery CP lay down with vehicles.
- BOC internal setup.
- BOC shift changeover time.
- Sleep plan.
- CP communications (internal and external).
- Specific duties and responsibilities.
- Priorities of work.
- Security.
- Load plans.

Appendix 2- Movement and Positioning. This appendix prescribes movement and positioning requirements, procedures, and techniques. Consider the following topics:

- Battery deployment configurations.
- Specific duties and responsibilities.
- Movement orders.
- Movement techniques and METT-T.
- Positioning in the offense.
- Positioning in the defense.
- Displacement options.
- Convoy procedures.
- Command and control during movement.
- RSOP.

Appendix 3- Command and Control. This appendix outlines how the battery will be commanded and controlled. Consider the following topics:

- Responsibilities for command and control.
- Orders process.
- Orders distribution.
- Orders format.
- Succession of command.
- Transfer of BOC operations.
- Alternate BOC.
- Jump BOC operations.
- ATACMS or rocket missions to selected platoons.

Appendix 4- Fire Direction. This appendix standardizes tactical fire direction procedures and information within the battery. Consider the following topics:

- Personnel responsibilities.
- Initialization.
- Equipment maintenance
- Communications procedures.
- Degraded mode operations procedures.
- Battery fire direction procedures.
- Platoon fire direction procedures.
- Massed fire procedures.
- Subscriber tables.

Appendix 5- Survey and Meteorological Support. This appendix prescribes survey operations within the battery and identifies responsibilities and procedures for receiving and disseminating meteorological messages. Consider the following topics:

- Personnel responsibilities.
- Survey priorities (for example, PADS, simultaneous observation, and hasty survey).
- SCP locations and markings.
- GPS procedures.
- Datum coordination and control.
- Extension of survey.
- Alternate met procedures in case of electronic failure.
- Met message dissemination times.
- Coordination of met requirements.

Appendix 6- Firing Platoon Operations. This appendix prescribes operating procedures for firing platoons. Consider the following topics:

- Platoon deployment configurations.
- Platoon OPAREA.

- POC internal setup.
- Sleep plan.
- Communications (internal and external).
- Fire direction (hot, cool, cold status; ammo status).
- Positioning (firing points, ammo supply points, survey control points, and rendezvous point).
- Specific duties and responsibilities.
- RSOP.
- Advance party configuration, equipment, and procedures.
- Security.
- Load Plans.

Appendix 7- Launcher Operations. This appendix prescribes operating procedures for launchers. Consider the following topics:

- Fire direction (status, response time, and startup data).
- Positioning (site selection, masking, and survey).
- Movement.
- Security.
- Specific duties and responsibilities.

Appendix 8- Emergency Destruction. This appendix prescribes operating procedures within the battalion. Consider the following topics:

- Specific duties and responsibilities.
- Priorities.
- Methods.
- Verification and reporting.

ANNEX B (Intelligence) to __Btry, __FA (MLRS) TSOP

This annex prescribes intelligence operations within the battery. Consider the following topics:

- Specific duties and responsibilities.
- Control and destruction of classified documents.
- EPW procedures.
- Returnees.
- Security.
- Weather.
- Mapping, charting, and geodesy.
- TACJAM procedures.
- EEI.

ANNEX C (Air Defense to __Bn, __FA (MLRS) TSOP

This annex prescribes air defense operations within the battery. Consider the following topics:

- AD procedures (active and passive).
- AD warning and weapons control status.
- Hostile aircraft criteria.
- Rules of engagement.
- Attached AD elements (C2 of and support for).

ANNEX D (NBC) to __Btry, __FA (MLRS) TSOP

This annex provides NBC defense information and prescribes NBC operations within the battery.

Appendix 1- NBC Operations. This appendix prescribes NBC readiness and defense operations within the **battery**. Consider the following topics:

- Individual skills.
- NBC teams and/or control parties.
- Warning devices.
- Collective skills.
- Radiation exposure guidance.
- Unmasking procedures.
- Reporting requirements.
- Threat assessment.
- Hazard overlay.

Appendix 2- NBC Decontamination. This appendix establishes NBC decontamination procedures. Consider the following topics:

- Specific duties and responsibilities.
- Decontamination procedures and levels of decontamination.
- Requests for decontamination support from platoons and to higher headquarters.

Appendix 3- MOPP. This appendix provides easily accessible information and standardizes wear of protective clothing and use of equipment. Consider the following topics:

- MOPP levels and dissemination of MOPP.
- Standardized wear of MOPP gear (for example, name labels, and so forth).
- Requisition and issue of protective clothing and equipment.
- Location and contents of individual protective clothing and equipment bags.

Appendix 4- NBC Threat Warning and Alarm System. This appendix provides easily accessible information and establishes NBC threat warning and alarm procedures and priority means of dissemination within the battery.

ANNEX E (Signal) to __Btry,__FA (MLRS) TSOP

This annex prescribes signal operations within the battery. Consider the following topics:

- Specific duties and responsibilities (battery, platoons and launchers).
- Comm integration with higher, lower, supported and adjacent units.
- Signal equipment maintenance.

Appendix 1- Radio Communications. This appendix provides radio comm information and prescribes radio comm procedures. Consider the following topics:

- External net diagrams.
- Internal net diagrams.
- Priority of nets.
- Specific operating and setup procedures (for example, net control, use of antennas, and so forth).

Appendix 2- MSE Communications. This appendix provides MSE comm information and prescribes MSE comm procedures. Consider the following topics:

- Affiliation codes and procedures.
- Disaffiliation procedures.
- RAU positioning and coverage.
- J-1077 positioning and access.
- Subscriber information.

Appendix 3- Communications Security. This appendix establishes comm security procedures. Consider the following topics:

- COMSEC changeover times and procedures.
- Distribution of COMSEC material.
- Loss and recovery of COMSEC material.
- SOI procedures.
- VINSON and MSRT variable control.
- Remote keying procedures.
- MSRT compromise and recovery procedures.
- GPS COMSEC.

Appendix 4- Resynchronization. This appendix prescribes procedures to resynchronize serialization of digital systems to correct serialization without voice transmission.

ANNEX F (CSS) to __Btry,__FA (MLRS) TSOP

This annex prescribes CSS operations within the battery.

Appendix 1 - Battery Trains. This appendix shows the physical setup of the battery trains and establishes internal operating procedures. Consider the following topics:

- Specific duties and responsibilities.
- Trains area layout (vehicles and sections).

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- Internal communications.
- Security.
- Movement and positioning.

Appendix 2- Logistics Operations Center. This appendix shows the physical setup of the LOC and establishes internal LOC operating procedures. Consider the following topics:

- Specific LOC functions.
- LOC manning.
- Shift organization and sleep plan.
- Shift changeover time and briefing procedures.
- LOC internal setup.
- C3.
- Specific duties and responsibilities.
- Priorities of work.
- Load plans.

Appendix 3- Personnel Operations. This appendix prescribes personnel operations within the battery to support the soldier and platoons. Consider the following topics:

- Maintenance of unit strength.
- Personnel replacement operations.
- Personnel accounting and strength reporting.
- Personnel data base management.
- Casualty management.
- Postal operations.
- EPW and CI.
- MWR.
- Other personnel functions (orders, evaluation reports, promotions, personnel actions, UCMJ, personnel assignment and utilization, and awards).

Appendix 4- Supply Operations. This appendix prescribes procedures to request, receive, store, and issue supplies. Consider the following topics:

- Specific duties and responsibilities.
- Management of supplies.
- Requisition flow and supply distribution (prioritize when applicable).
- All classes of supply (controlled and noncontrolled).
- Water operations, requirements, and points.
- Map supply.
- Publications and blank forms.
- Tabs for preplanned LOGPACs.
- Specific categories of supply (for example, NBC, communications, and small arms).

Appendix 5- Ammunition Management and Resupply Operations. This appendix prescribes ammunition management and resupply procedures. Consider the following topics:

- Specific duties and responsibilities.
- Requests.
- Resupply procedures used within the battery.

Appendix 6- Services. This appendix describes logistical support services. Consider the following topics:

- Laundry.
- Clothing exchange.
- Showers.
- CTA-50 exchange.
- Graves registration.

Appendix 7- Unit Ministry Operations. This appendix prescribes unit ministry operating procedures. Consider the following topics:

- Coordination of religious services.
- Chaplain support activities.
- Mass burial.
- Lay minister functions

Appendix 8- Maintenance Operations. This appendix prescribes maintenance operations within the battery. Consider the following topics:

- Specific duties and responsibilities.
- Maintenance priorities.
- Recovery and evacuation priorities.
- Cannibalization and controlled substitution.
- BDAR.
- WSRO.
- DS contact teams.
- Equipment density listing.
- Repairable and returnable components and assemblies.
- ORF.
- Equipment evacuation.
- COMSEC maintenance.

Appendix 9- Refueling Operations. This appendix prescribes refueling operations within the battery. Consider the following topics:

- Specific duties and responsibilities.
- Fuel request procedures and priorities.
- ROM.
- Day procedures and template.

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- Night procedures and template.
- Security.
- Safety.

Appendix 10-Reconstitution. This appendix prescribes procedures to reconstitute the battery when it falls below an unacceptable level of combat readiness. Consider the following topics:

- Specific duties and responsibilities.
- Requirements to reconstitute (mass casualties, mass destruction of equipment, and the destruction or loss of effectiveness).
- Method of reconstitution (reorganization and regeneration).

Appendix 11- Medical Support Operations. This appendix prescribes medical support operations. Consider the following topics:

- Specific duties and responsibilities.
- Location of battery medic.
- Priorities for medical support.
- Communications.
- Field sanitation.
- Combat lifesaver training.
- Evacuation and reporting procedures.
- Priority of evacuation.
- Collection and accountability of individual equipment and effects.
- Treatment and prevention of disease.
- Mental health, dental, and other essential services.

ANNEX G (Safety) to __Btry,__FA (MLRS) TSOP

This annex prescribes combat safety requirements and provides risk assessment procedures.

Appendix 1- Safety Information and Reporting. This appendix prescribes how command safety information will be distributed within the battery and the requirements and means for rendering accident and incident reports.

Appendix 2- Firing Safety. This appendix prescribes combat firing safety requirements.

ANNEX H (Reports) to __Btry,__FA (MLRS) TSOP

This annex provides a single consolidated section within the TSOP to prescribe report requirements within the battery. Normally, reports are segregated by functional area. Reports should be tailored to specific requirements of higher headquarters and the commander's need for input into his decision-making process. Avoid requiring information that is duplicated in other reports or that is of minimal value. To the greatest extent possible, coordinate report transmission and effective times to reduce workloads and to synchronize actions. The means for submitting each report and the priority of each means must be addressed. Many reports are submitted as required and should be so indicated. Consider the reports below within this annex.

Appendix 1- Personnel and Administration Reports. Consider the following:

- PERSTAT report.
- Casualty feeder report.
- MEDEVAC request.

Appendix 2- Intelligence and Security Reports. Consider the following:

- Weather report.
- SALUTE report.
- Sensitive items report.

Appendix 3- Operations Reports. Consider the following:

- SITREP.
- Launcher status report.
- Voice and/or manual fire mission.
- Recon order.
- Movement order.
- Closing report.
- Request to displace.
- Ammunition assets report.

Appendix 4- Logistical Reports. Consider the following:

- LOGSTAT report
- Equipment status report.
- Combat loss report.
- Logistical spot report.
- Emergency resupply request (ammunition and fuel).

Appendix 5- NBC Reports. Consider the following:

- NBC 1 report
- NBC 2 report.
- NBC 3 report.
- NBC 4 report.
- NBC 5 report.
- NBC 6 report.
- Chemical downwind message.
- Effective downwind message.
- Request for decontamination support.
- Radiation status report.

Appendix 6- Communications and Electronics Operations Reports. Consider the MIJI feeder report.