

UNITED STATES MARINE CORPS
Logistics Operations School
Marine Corps Combat Service Support Schools
Training Command
PSC Box 20041
Camp Lejeune, North Carolina 28542-0041

E403

STUDENT OUTLINE

READINESS

LEARNING OBJECTIVES

1. Terminal Learning Objective: Given the billet of maintenance management specialist, applicable maintenance management output reports, and the references, review maintenance management reports, to ensure the accuracy of the reports by detecting and correcting error trends and initiating corrective action.

2. Enabling Learning Objectives:

a. Given the billet of maintenance management specialist, applicable maintenance management output reports, and the references, review the accuracy of maintenance management reports against the DPR, per the references.

b. Given the billet of maintenance management specialist, applicable maintenance management output reports, and the references, determine error trends in unit maintenance management reporting, per the references.

OUTLINE

1. **PURPOSE**

a. Is to provide a realistic portrayal of a unit's capability to perform its assigned mission. The process developed for monitoring the ground equipment capability within the Marine Corps is the MCGERR with the CMC (LPP-1) as the functional manager.

b. All Marine Force (MARFOR) units will track ground equipment status. MCGERR data is used for the Status of Resources and Training System (SORTS) reporting. SORTS is an

internal management tool for the use by the services, commanders of unified and specified commands (i.e., CinC), and Joint Chiefs of Staff (JCS) to indicate, at a selected time, the status of a units personnel resources, the amount and condition of equipment relative to its prescribed mission requirements, and the level of unit training relative to service standards.

2. DEFINITION OF MCGERR CATEGORIES

a. Reportable Principal End Items (PEI's). Reportable PEI's are those PEI's which have been nominated by MARFOR's or supporting commands (i.e., MCCDC or MARCORLOGBASES) for MCGERR reporting. These items have been designated as "combat essential" in the Logistics Management Information System (LMIS), have a combat active replacement factor (CARF), and are 85 percent fielded within the operating forces.

b. Mission Essential Equipment (Pacing). Pacing items are items of equipment whose availability is essential and indispensable for the execution of the mission of the unit. Although current directives establish what equipment is mission-essential, force commanders make the final recommendation as to whether this equipment or other items are mission-essential for their command.

(1) Items designated as "pacing" are of such importance that they are subject to continuous monitoring and management at all levels of command. Items eligible for nomination as a pacing item the equipment must be resident in the JCS Major Equipment (MEQPT) file. This file is maintained by CMC (POC). Additionally, for an item to be listed in the Service Mission Essential List (MEL).

(2) Pacing items are identified by table of authorized material control number (TAMCN) in enclosure (1) of a MCBul in the 3000 series.

(3) Pacing items may be "low density" equipment. Therefore, small changes in quantities possessed or operationally ready can lead to wide fluctuations in a unit's "S" and "R" ratings in SORTS.

NOTE: On the LM2 Report, "Pacing Items" are identified by an "*" to the left of the TAMCN. Locally reportable items are identified with a double asterisks "***" to the left of the TAMCN

3. NOMINATION AND REVIEW OF MCGERR EQUIPMENT

a. The Marine Corps identifies MCGERR tracked equipment as:
(1) mission-essential equipment (pacing) and (2) reportable PEI.

b. MCGERR tracked equipment is defined as an item of equipment which is identified in a MCBul in the 3000 series. Before items can be included in this Bulletin, they must meet the following criteria:

(1) PEI's are 85 percent fielded Marine Corps-wide (i.e., active MARFOR's and supporting establishments tables of organization and equipment (T/O&E), and MARFORRES' training allowances (T/A)),

(2) PEI's are supportable through publications, fielding, and supply support,

(3) PEI's are nominated for MCGERR tracking to CMC (LPP) by either the field commands or Headquarters Marine Corps,

(4) Final decision for inclusion (or deletion) is determined by the CMC (L).

c. To remain a Force-in-Readiness, the Marine Corps plans, programs, and budgets annually for the modernization of its equipment and capabilities. The modernization of essential equipment can have a substantial effect on MCGERR reporting.

(1) Accordingly, a replacement item and the item it is replacing may be excluded from MCGERR reporting during the modernization (phase-in/phase-out) of equipment.

(2) If the item is fielded vertically, both the new and replaced equipment may require visibility to ensure that a MSC's capability is reported. In those instances when the replacement item is received, the unit will use the "planned" allowance as "actual" within the reporting system, and reduce the allowance on the replaced item to the appropriate number. The supporting RM4 remarks will signify an excess for those items (on-hand is greater than the allowance), providing visibility to higher echelons for the redistribution/withdrawal from the MARFOR's and the status of pending modification of allowance (MOA) to the T/O&E.

4. MCGERR TRACKABLE EQUIPMENT CHANGE REQUIREMENTS

a. Changes (nominations/deletions) to the pacing item/trackable PEI equipment lists will be made on a periodic basis. A revised listing will be published annually via a MCBUL in the 3000 series.

b. Field commands are invited to recommend changes to the pacing item/trackable end item equipment lists. Recommended changes (annually) should be submitted via the chain of command to the CMC (LPP) for approval.

c. Since the impact of changes to the pacing items list is far greater than that of other equipment, the proposed changes must undergo a rigorous review during the approval process. Accordingly, MARFOR commanders will include a detailed rationale for the proposed change and will address the need for reporting the equipment in relation to the unit's mission, current and anticipated threats, current doctrine, and supportability. In addition, proposed changes will include the unit identification code (UIC) and the T/O&E number.

5. MIMMS LM2 UNIT REPORT

a. Description - This is a report listing each readiness-reportable TAMCN and the quantity authorized, possessed, and excess.

(1) A negative statement is provided when no equipment is reported deadlined for that TAMCN.

(2) On all deadlined items the serial number, ID number, date deadlined, date of present condition (NMCM, NMCS, or transit), echelon of maintenance, present equipment holder, days in present condition, and ERO number are printed.

(3) Any remarks submitted on a TAMCN via a RM4 card are also printed.

(4) Below the TAMCN listings, totals of authorized, possessed, excess, and deadlined quantities are printed.

(5) At the end of the report, S (Supply) and R (Readiness) ratings for Pacing and End Items are printed.

(6) Manual asset transactions are the data source for the authorized and possessed quantities, Master ERO File for readiness-reportable TAMCN and nomenclature, and Audit File for Owing Unit's UIC.

b. Use - This report is a tool for the Commander, S-4, and MMO to quickly review the Command's readiness status and to identify problem areas.

(1) When used with the Command's Monthly Maintenance Exception Report, it is a means to quickly identify problems and adverse trends.

(2) This report provides direction to specific sections of the more detailed Unit TAM and Daily Process Reports when developing actions to correct problems.

(3) See UM 4790-5, chapter 17 for more information.

6. LM2 TRANSACTIONS

a. Purpose of the LM2 Asset Transaction - The LM2 asset transaction is used to add, change, or delete readiness-reportable, end-item assets on the MARES LM2 Report.

b. Purpose of the LM2 Deadline Transaction - This transaction is used to add, change, or delete specific items of readiness-reportable equipment in a deadlined status. It is also used to update trailer records in the ADPE MIMMS readiness file.

c. Purpose of the RM4 Remarks Transaction - This input transaction creates the initial card for a series of Remark transactions. It is also used in the class I MIMMS to post remarks to the weekly readiness file.

d. Purpose of the RM4 Remarks Update Transaction - This transaction updates an RM4 remark that is resident on the LM2 Report. It is also used in the class I MIMMS to post update remarks on the weekly readiness file.

7. DETAILED REPORTING. The modernization program for the replacement of principal end items has a substantial effect on MCGERR reporting. The outlined remarks in this section **amplify** information **not** available through current systems. Instructions for inputting transactions are contained in UM 4790-5. Commanders at all levels will ensure strict adherence to these procedures to facilitate the timely and accurate reporting of MCGERR items.

a. T/O&E (T/A) Deficiencies. A command/unit will have on-hand or a valid requisition for all T/O&E (T/A) reportable PEI allowances, unless otherwise directed by higher authority. The MCGERR Unit Report will reflect MCGERR reportable equipment T/A or T/O&E deficiencies, and contain RM4 remarks in the following format:

**T/O&E (T/A) DEFICIENT QTY XX/DOCUMENT #/STATUS/STATUS DATE
(JULIAN)**

b. Excess Reporting

(1) Planned Allowance to Actual Allowance. When a planned allowance is received, the receiving unit will submit a MOA to the CG MCCDC, per MCO P5311.1 requesting the "planned" allowance be made "actual".

(a) The receiving unit will increase the unit's LM2 report by the number of PEI's received to reflect:

The quantity "Possessed" will be used for, "Authorized"

(b) The new equipment will be documented in the RM4 remarks as follows:

P/ALW QTY XXX FOR FY-XX, QTY XX RECV MOA DTD (JULIAN)

(2) Equipment Excesses Resulting from Modernization. Should force-fed equipment cause an excess, the receiving unit will report the equipment pending resolution of the MOA and/or receipt of disposition instructions. If the item is a replacement for a reportable item, the reporting unit will make compensatory allowance changes to reflect an excess, and current capability (i.e., if 3 MRC-145's are received for 3 MRC-110's the allowance for the MRC-110's would now reflect 0). Additionally, a RM4 remark will be submitted explaining the excess and reference the appropriate correspondence. For allowances not resolved with disposition instructions, reduce quantities to corrected amount (i.e., authorized equal 0). Use the RM4 remark until MOA is approved or resolved.

**DISP REQUESTED QTY XXX, DATE (JULIAN)
and/or
MOA FOR QTY XXX, DATE (JULIAN)**

(3) Equipment Excesses Pending MOA. The receiving unit will report the equipment pending resolution of the MOA and/or receipt of disposition instructions. An RM4 remark will be submitted explaining the excess and referencing the appropriate correspondence.

(4) Disposition instructions for excess MCGERR reportable items are requested per MCO P4400.82_ after internal MSC deficiencies are screened.

(5) A request for disposition instructions (WIR) does not authorize a command/unit to reduce the possessed quantities of the MCGERR Unit Report. When disposition instructions have been received and the appropriate action has been taken, the possessed quantities can then be reduced.

c. Corrosion Prevention and Control (CPAC) Program. Commands/units which evacuate equipment under the CPAC program for work conducted outside of 50 miles of the owning unit location will report the equipment as not mission-capable. All equipment evaluated as category "C", regardless of distance will be reported as not mission-capable. The equipment will be documented in the RM4 remarks by the following:

CPAC QTY XXX, DATE (JULIAN)

d. Contractor Furnished Materiel. Commands/units which hold readiness reportable equipment furnished by a contractor will not report that equipment on their MCGERR Unit Report.

8. COMMAND ADJUSTMENTS AND MAGTF REPORTING

a. To provide accurate on-hand visibility against the various Marine Corps allowance files (e.g., LMIS, loaded unit allowance files, mechanized allowance lists, etc.) command adjustments will be authorized in writing by the command directing realignment of T/O&E equipment. Examples are:

(1) Formation of a deploying MAGTF (e.g., 22d Marine Expeditionary Unit, UNITAS),

(2) Formation of a permanent or long-standing detachment (e.g., Chemical Biological Incident Response Force)

(3) MARFORRES units when their T/A's are not equal to a full T/O&E.

b. Units using a command adjustment will document in the RM4 remarks the following:

CMD ADJ QTY XXX, FM/TO MXXXX (UIC)

c. Accurate readiness reporting for MAGTF organizations requires a coordinated effort between logistics and operations personnel. It is not recommended that MAGTF organizations report in MCGERR/SORTS when formed for less than 90 days. However, when the decision is made to form a MAGTF reporting unit, the unit must report the status of its reportable equipment.

d. If MAGTF procedures are not required/initiated, asset transfers are considered a temporary loan. Temporary loan policy is contained in MCO P4400.150_. The unit providing the temporary loan remains the owning unit and must reflect the status of that equipment on its MCGERR report. For SORTS reporting, the using unit(s) providing the temporary loan will ensure that the appropriate ATLASS/MIMMS command adjustment procedures are followed to correctly reflect the status of the equipment on the owning unit's MCGERR asset report.

e. The MCGERR asset changes will be closely coordinated between the supporting and task organized units to ensure that simultaneous add/delete transactions between units are accomplished.

9. COMPUTATIONS FOR ACTIVE FORCES

a. Supply/Equipment On-Hand ("S") Rating Percentages. This rating is obtained by dividing the total number of items possessed, (on-hand) by the total number of items authorized (T/O&E) as demonstrated by the formula below:

Equipment "On-hand"
Table of Equipment Allowance

NOTE: This formula applies the quantity of equipment on-hand against the requirements determined by CG MCCDC.

b. Equipment Operational Capability ("R") Rating Percentages. This rating is obtained by dividing the total number of items possessed minus the number of items deadlined, by the total number of items possessed as shown below:

(Equipment "On-hand" - Deadlined)

Equipment "On-hand"

10. COMPUTATIONS FOR RESERVE FORCES. The Reserve forces use will perform calculations for SORTS reporting using the unit's T/O&E, and "in-stores" assets. This reporting provides an overview of the Status of procured equipment against the wartime requirement (the T/O&E), and provides a realistic portrayal of MARCORLOGBASES to support MARFORRES's immediate asset requirements.

a. Supply/Equipment On-Hand ("S") Rating Percentages. This rating is obtained by dividing the total number of items possessed (on-hand) and augmented by "applied" in-stores assets, by the total number of items authorized (T/)&E) as demonstrated by the formula below:

$$\frac{(\text{Equipment "On-hand" + Applied In-Stores})}{\text{Table of Equipment Allowance}}$$

NOTE: This formula applies the quantity of equipment on-hand against the requirements determined by CG MCCDC.

b. Equipment Operational Capability ("R") Rating Percentages. This rating is obtained by dividing the total number of items possessed minus the total number of items deadlined (and augmented by Ready for Issue" (RFI) in-stores-assets), by the total number of items possessed (on-hand) and augmented by the total "applied" in-stores assets (RFI and not RFI); as shown below:

$$\frac{(\text{Equipment "On-Hand" - Deadlined}) + \text{RFI}}{(\text{Equipment "On-Hand"}) + (\text{Applied In-Stores})}$$

11. EQUIPMENT RESOURCE CAPABILITY ("E") RATING PERCENTAGES. This is only used within MCGERR (SORTS uses only "S" and "R"), to provide an overall assessment of equipment against the war-fighting requirement. This rating is obtained by dividing total number of items possessed (on-hand) minus the deadlined equipment, by the total number of items authorized (T/O&E) as demonstrated by the formula below:

$$\frac{(\text{Equipment "On-hand" - Deadlined})}{\text{Authorized Allowance}}$$

NOTE: For active units: this formula applies the quantity of equipment operational against the warfighting requirement determined by CG MCCDC (T/O&E). For Reserve units the formula is based on the T/A.

REFERENCES:

1. MCBUL 3000
2. MCO 3000.11
3. PC MIMMS Technical Guide
4. UM 4790-5