P-501

Condition Based Maintenance Management (CBMM) Manual

December 2016

6.3 MEP/MAP/LRMP

Tracking projects and requirements in MAXIMO assists the Navy at all echelons with maintaining funding accountability. Projects built in MAXIMO populate the MEP/MAP/LRMP using the Program Year.

Projects developed using the Work Planning process, as outlined in Chapter 6.2, are linked to the Integrated Priority List (IPL), a multi-year plan within MAXIMO that includes the current year, plus the next 5 years of the POM cycle (5-year defense plan). The IPL is composed of the following:

- **Maintenance Execution Plan (MEP):** Current year
- **Maintenance Action Plan (MAP):** Next two years
- **Long Range Maintenance Plan (LRMP):** Three years, plus; this can go out manually as far as required, but is usually capped at 5 to 6 years out.

The IPL - MEP/MAP/LRMP - will be composed of all requirement types: condition-based, local ad hoc, configuration, modernization, etc. The IPL requires interaction within all of the divisions of the PWD in its development. Project SRs are initially entered into the IPL as part of the LRMP shortly after future project requirements are entered into MAXIMO. They should progress into the MAP for project development and finally into the MEP for project execution. The program year for the Master Project SR determines whether the project is in the MEP, MAP, or LRMP.
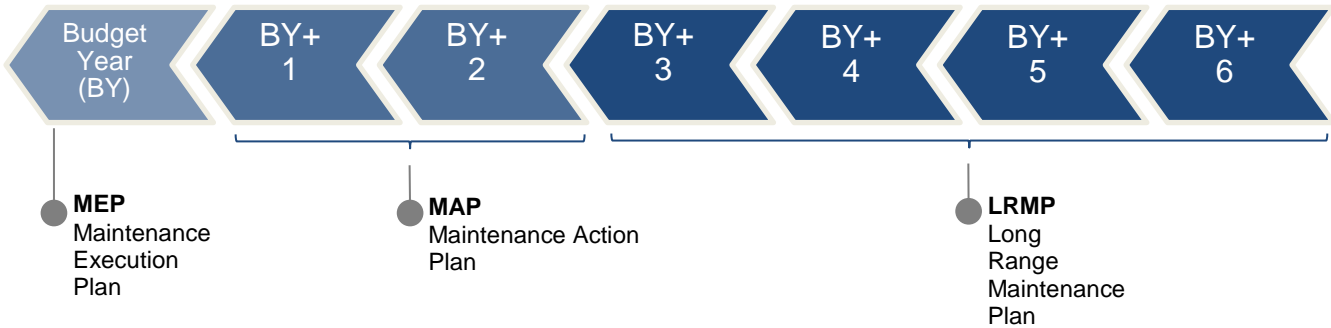
Budget Year (BY) | BY+1 | BY+2 | BY+3 | BY+4 | BY+5 | BY+6

MEP Maintenance Execution Plan

MAP Maintenance Action Plan

LRMP Long Range Maintenance Plan

Figure 6-24: Timeline for MEP/MAP/LRMP

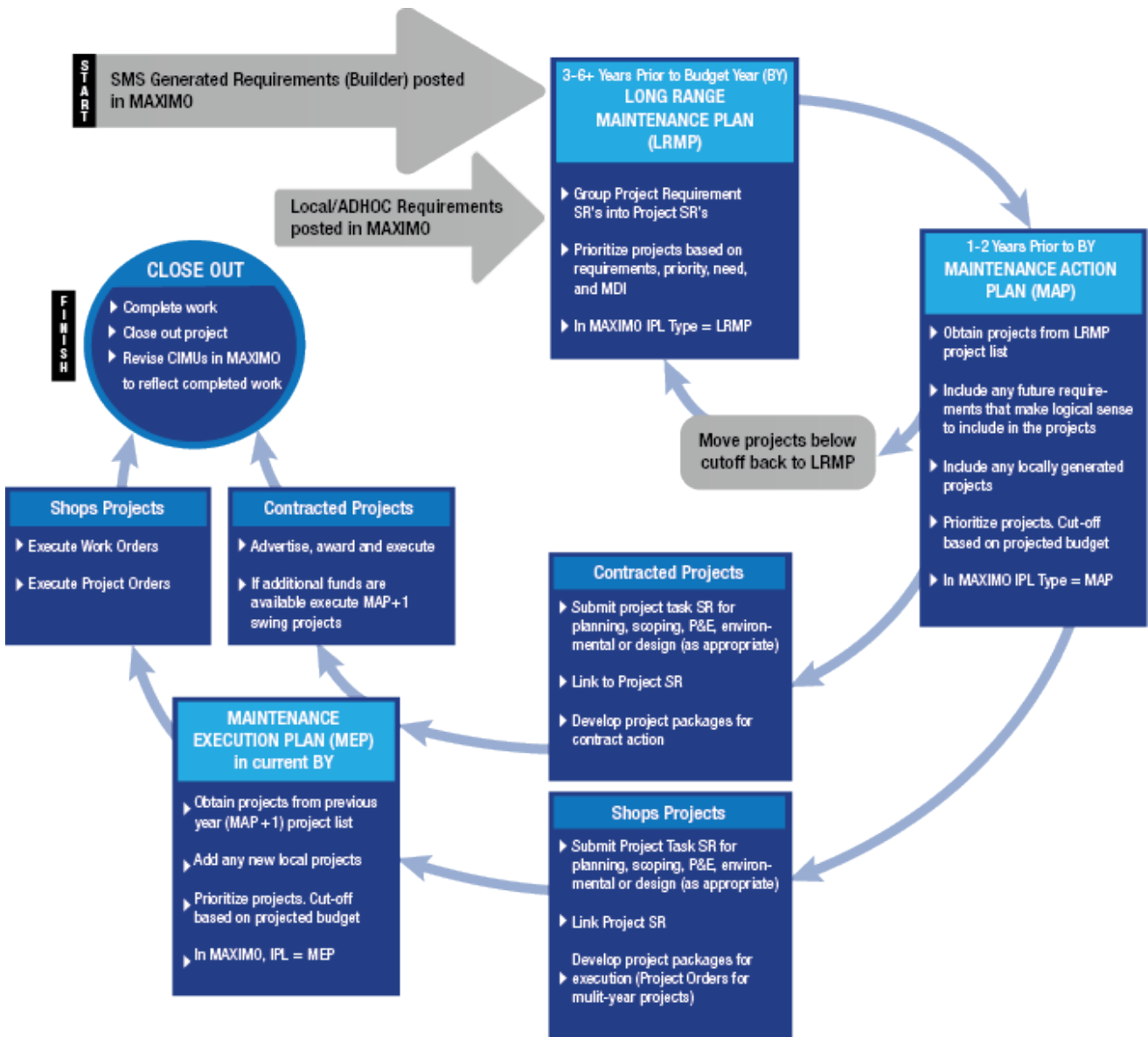Figure 6-25 displays the life cycle of the MEP/MAP/LRMP process.

Figure 6-25: MEP/MAP/LRMP Life Cycle

6.3.1   LRMP

Project SRs are entered into IPL initially as part of the LRMP shortly after future project requirements are entered into MAXIMO. The LRMP acts as a backlog of projects and requirements that will be executed in the future years (BY+3 and beyond, normally up to BY+6). This includes all work that has a Program Year of BY+3 and beyond. In addition, the LRMP should include any projects that have a Requirement Year earlier than BY+3, but are not included either in the MEP or MAP.

6.3.2   MAP

Projects assigned to the MAP are fundable projects that should be executed as MEP projects in the next two Budget Years (Program Year = BY+1 and BY+2). In order to be ready to move up to the MEP in the next two years, these projects need to be currently in the project development phase. As such, Planning, Project Scoping, P&E, Design and Project Package Development should occur while

a project is assigned to the MAP. In some cases, MAP projects may already be shovel ready, but are not in the MEP due to budget constraints.

A budget for CNIC projects for each of the program years within the MAP should be available from the Assistant Regional Engineer (ARE) at the CNIC Region. In most cases, it will be the same as the MEP budget, but may change as projected funding changes. The CNIC MAP should include a total amount of projects whose estimated value is equal to the budget. Additional projects totaling 25% of the MAP budget should be included and shown below the budget cut line. The MAP projects need to be prioritized within each of the two MAP program years according to need, MDI and other factors as deemed necessary by the Public Works Officer (PWO) and Installation Commanding Officer (ICO).

6.3.3 MEP

Projects assigned to the MEP should be fully developed and ready to execute within the current fiscal year (Program Year = Current BY). For Production Shops projects, work will need to be completed within the fiscal year unless the project has been issued as a Project Order and a portion of the work can be carried over into the next fiscal year. For projects that will be executed as contract work, the contract must be awarded within the current fiscal year. In both cases, projects need to be shovel ready and in most cases should already have the full project package, including SOW in place in order for them to be included in the MEP.

A budget for CNIC projects within the MEP should be available from the Area Regional Engineer (ARE) at the CNIC Region. The CNIC MEP should include a total amount of projects whose estimated value is equal to the budget. Additional projects totaling 25% of the MEP budget should be included and shown below the MEP budget cut line, also known as swing projects. If additional funding becomes available, these projects can receive authorization from the ARE for execution. The MEP projects need to be prioritized according to need, MDI and other factors as deemed necessary by the PWO and ICO.

The CNIC portion of the MEP/MAP/LRMP needs to obtain local approval from the ICO prior to submittal to ARE for review and approval.

The MEP/MAP/LRMP is not a final product. The FMD Director, Requirements Branch Head, and FMS will still be required to review the projects requirements to add, modify and remove information as required.