

RSA-MIL-STD-57

ACQUISITION OF COMPLEX SYSTEMS; PLANNING STANDARDS FOR

SCOPE

1. Planning Requirements

- 1.1 The Acquisition of systems is a complex series of processes aimed at providing total product systems to the client.
- 1.2 An acquisition programme is divided into a set of phases, each phase culminating in a baseline. Each phase consists of a set of processes, every one of which requires certain inputs and provides certain outputs. Each process contributes to the overall success of the programme.
- 1.3 For the successful execution of an acquisition programme (i.e. to optimally satisfy the requirements of the client) it is necessary to:
 - Identify and define the acquisition phases involved. These phases as well as the content of these phases are described in KB-1000, VB-1000as well as RSA-MIL-STD-003.
 - Identify and define the specific processes involved in each phase. The inputs required and outputs expected for each of these processes shall be defined. Where processes are interdependent the dependency shall also be defined.
- 1.4 The task of the programme manager is to:
 - Analyze the acquisition requirements.
 - Define the processes and phases involved.
 - Structure the Acquisition process into tasks to ensure a logical flow of events with minimum risk to the client.
 - Develop a Work Breakdown Structure and Baseline definitions
 - Contracting of these tasks.
 - Managing the execution of these tasks.

Note: The breakdown of a typical programme into segments is indicated in Figure 1.
- 1.5 The planning involved in the structuring of these processes shall result in the evolution of formal plans/planning documents. These plans shall form the basis for:
 - Definition of Baselines
 - Approval (by TRB's) of Baselines
 - Contracting
 - Reporting
- 1.6 Planning documents shall exist for each defined segment in a programme.

2. Scope of the Document

This document prescribes the requirements for planning documentation that shall be used in the Acquisition of Complex Systems. The programme manager shall identify the types and content of plans required, based on the chosen structure of processes involved. Therefore no exact definition of specific plans can be defined. A Data Item Description (DID) shall be drawn up and agreed upon between the contracting parties before generation of the plan. Examples of such DID's are attached to the document.