

Sample Project Charter

The following charter is from the LampMan 2.0 case study in Construx's Software Project Management Boot Camp Seminar. It demonstrates documenting the project management (aka iron-triangle) constraints using a target zone.

INTRODUCTION

Purpose

This is the project charter for the LampMan 2.0 project. The project charter is an agreement between the chartering authority and the agent(s) that the agent(s) will use the identified resources to attain the stated completion criteria within the defined constraints. This charter is the formal genesis of the project and represents the delegation of authority over the resources to the agent(s).

GENERAL

Scope

In Scope

The LampMan 2.0 project will redevelop the mercury-vapor production line software to use improved process control algorithms. These new algorithms are expected to produce more energy-efficient light bulbs while lowering manufacturing cost.

Out of Scope

This project involves only the software development, Bob B. is responsible for all of the hardware and installation while IS Operations will be responsible for ongoing support and maintenance in the factory.

Authority

Executive Committee

Agent(s)

Pat P.

Completion Criteria

The new mercury vapor production line software has been delivered for pre-production system testing where it is expected to be capable of making lights using the new algorithms

Goals

- The production rate and product quality must be at least as good as with the old software
- The initial release must contain all of the currently available functionality in the 'Y' system
- The project must provide a flexible and extensible architecture

Project Drivers**Target Zone**

Priority	Constraint	Will Accept	Target	Stretch
1	Schedule	10 months	10 months	8 months
2	Cost / Resources	7 FTEs and 2 contractors (\$1,200k)	7 FTEs (\$875k)	5 FTEs (\$625k)
3	Features / Functionality	New process control algorithm and the underlying error-handling and event logging system Collecting and sending the performance data to the Production Engineering System and Operators Console Ready to test on Production Line # 1	Add: Setting up multiple production runs and changing the run-time parameters during the production run Ready to test on remaining 2 production lines	Add: Training material for ongoing support and maintenance

Assumptions

None