CCPS Project Plan
Models Plan

14. Introduction

This plan documents the hardware models needs for the CCPS Project.

14.1 Organization

The Mini-Systems Development Shop (MSDS) will be using “off the shelf” industry products for the system except for the specialized circuit pack. The specialized IBM bus-compatible X.25 I/O board will be outsourced to BoardTech. They will provide the I/O board and software drivers. The Project manager will be overseeing with Ido Boards from BoardTech for the Hardware design and development. All communication regarding the board will have to pass throught the project manager.

14.2 Required Models

The models required are shown in Tables 14.2.1-N.

14.3 Responsibilities and Procedures

Table 14.3 lists generic jobs, summarizes its responsibilities, and names the specific person assigned to that job.

14.4 Change Management

Any changes to the boards will have to be approved by the project manager, who then will oversee the decisions to Ido Board in the approate fashion. Considering the limited timeline for the delivery of the board, changes will be minimized.

14.5 Issues

BoardTech has overly optimistic delivery dates. We are sure it will be delivered by 15 months. To shorten the delevry date they are being offered an incentive to deliver by 12 month. The Incentive is still in the mits of negotiation. Amount of boards ordered for production coorelate with the statistics found in the functionality rate associated with the boards. Their failure rate is 1/10 so 1 in every 10 may fail. We have ordered more for replacement of these boards. This raises the order amount by 5 extra boards for failure rate and 5 for unforeseen shipping issues.

TABLE 14.2.1 - CIRCUIT PACKS						
Item	**End User Group /Contact**	**Qty**	**Date Needed**	**Design Cost**	**ProductionCost**	**Model Cost**
Prototype Pack	Mike	4	2/14/14	$550,000	$0	$3,600
Production Pack	Jake	60	5/1/14	$0	$54,000	

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TABLE 14.3 - RESPONSIBILITIES		
Job	**Responsibility**	**Assigned To**
Models Coordinator	Generate and administer a model building and delivery plan supporting this plan.	Nick H.
Models Expediter	Forecast quantities, interface with vendors, order parts, ….	Michael Hoffman
Point of Contact	Provide input for group, receive models, coordinate maintenance, ….	Jake Vernon
Models Modification	Ensure application of changes as required, ensure screening, coordinate repair, ….	Michael Hoffman
Models Certification	Deliver components to hardware engineer for testing and approval, ….	Jess
Models Maintenance	Identify models needing repair/upgrade, deliver to X, receive repaired items , ….	Michael Hoffman