inst-bpm - Milestone #9017

State Machine subsystem

06/03/2015 10:02 AM - John Diamond

Status:	Accepted	**Start date:**	06/03/2015
Priority:	Normal	**Due date:**	
Assignee:	John Diamond	**% Done:**	95%
Category:		**Estimated time:**	0.00 hour
Target version:		**Spent time:**	113.65 hours

Description

The state machine subsystem is responsible for coordinating the Control task with the Booster via the timing hardware.

Subtasks:

Task # 9030: Implement attach-to-tclk support for BTime	**Closed**
Bug # 9032: State machine task does not properly shutdown.	**Closed**
Bug # 9081: Detach from TCLK events when StateMachine is destroyed	**Closed**
Feature # 9042: Implement detach-all TCLK for BTime	**Closed**
Task # 9084: Verify that necessary signals are present when device is initialized.	**Closed**
Bug # 9085: VME Interrupt already taken error when re-launching bpmd	**Closed**
Task # 9113: Command List / Measurement Modes Design	**Closed**
Task # 9189: Shared Allocator for STL Containers	**Rejected**
Task # 9191: Implemented SharedCommandListTable	**Closed**
Task # 9198: Implement bpmcli interface for creating/editing/removing entries in the co...	**Closed**
Task # 9250: Execute CommandLists	**Assigned**
Task # 9383: Implement timer-triggered commands	**New**
Task # 9385: State Machine subsystem test	**New**
Task # 9658: Instrument bpmd control commands and display their execution time in syslog	**New**

History

#1 - 06/03/2015 11:13 AM - John Diamond

- % Done changed from 10 to 20

Began implementing the StateMachine class and the state machine task.