Veto-Wall Time Line

09/06/2016

2016:

September 7th: Finalize the design of the light guide – Kuan

September 8-15th: Send the light guide drawing to Elgin to make sure it is consistent with the sample Elgin is sending us – Pierre

September 9th: Locate light guide material in the lab – Kuan

 Testing material preparation (Black wrapping paper, Splitter board, optical glue/grease, .etc) – Kuan

September some time: Set up a test bench to test 60 PMTs – Kuan, Kyle, Undergrads

 Contact Zibi to machine the light guide – Kyle

 When the 12’’ sample piece comes, assemble a test setup – Kuan, Sean, Kyle

October: Design the mounting structure – Kuan

 Finalize the design of the veto bars based on the test results – Kuan

 Test 60 veto bars PMTs – Kuan

 Test neutron wall PMTs – Kuan

 Get quotes for the veto bars – Kyle, Pierre

 Machine 55 light guides by WMU – Kyle, Zibi

 Purchase veto bars – Zibi

November: Start to machine mounting structure – Kyle, Zibi

 Couple the light guides to PMTs and test again to make sure we have 55 good PMT with light guides. – Kuan

December: Couple veto bars to PMTs and test – Kuan, Kyle, Undergrads

2017:

January: Mount the veto bars and test all bars

 Connect to electronics and DAQ