

Model-Driven CEBAF Setup After the 12GeV Upgrade

Dennis Turner
Jefferson Lab, Newport News, VA 23606, USA

February 27, 2014

Abstract

For the 12GeV upgrade, improvements in agreement between the CEBAF model and machine performance, along with new software tools and processes, were implemented such that new machine configurations can be set from the model with less tune time. Over the course of 12GeV CEBAF commissioning, these new tools and processes were tested and improved upon. The result was a measurable reduction in necessary time for new machine configurations. This talk will discuss the new tools and processes and compare with those of the 6GeV CEBAF era.