

From: Nate Rider <ntr7@cornell.edu>
Subject: April CESR-TA xBSM Machine Studies Requests (First Pass)
Date: February 16, 2012 4:52:21 PM EST
To: "Mark A. Palmer" <mark.palmer@cornell.edu>, Michael Billing <mgb9@cornell.edu>, David L Rubin <david.rubin@cornell.edu>, Daniel P Peterson <daniel.peterson@cornell.edu>
▶ 1 Attachment, 22.4 KB

My initial pass at these...please comment as necessary (what did I forget). I expect to add some more...and adjust times...

These numbers are based on our latest set of procedures...which are attached and will be updated soon.

These are xBSM instrument specific requests:

D-Line:

Initial Line Alignment:	2 x 6 hour shifts
Pinhole Optic Width Setup (2.1 GeV):	2 hours
Pinhole Optic Width Setup (4.0 GeV):	2 hours
Fine optic alignment/calibration:	1 hour
Horizontally limiting slit width setup:	2 hours
DAQ Timing Setup:	2 hours
DAQ Linearity Check:	2 hours
DAQ Calibration:	1 hour
DAQ Pedestal Analysis:	1 hour
DAQ Bunch-Bunch Crosstalk:	2 hours
Pre-experimental tune ups:	1 hour
Diode response measurement:	4 hours

C-Line:

Initial Line Alignment:	2 x 8 hour shifts
DAQ Timing Setup:	2 hours
1.8GeV characterization	3 hours
2.1GeV characterization	3 hours
2.3GeV characterization	3 hours
4.0GeV characterization	3 hours
Pre-experimental tune ups:	1 hour
Horizontal size measurement:	3 hours



[xBSM_Setup...cx \(22.4 KB\)](#)