CESR TA Machine Studies Task Overview

I. Experiment Description

Experimental Topic	Electron Cloud Studies Setup	
Classification*	EC	
Coordinator/ Experimenters	Billing/Dugan	Billing, Dugan, Sonnad, Ramirez, Forster
Primary Goals	Test any modifications to measurement software	

Description†	Setup Software testing of 　1. Swept frequency shaking (TUNE) 　2. Instability spectra (INST) 　3. Damping measurements (DAMP) Some of this can be done before we have stored beams.	
Special Needs/Requests		
Prerequisites‡	**Personnel**	**Description**
	Billing, Forster,	Establish stored beams (MREC)
Time Requested§	**No. Shifts**	**Principal Tasks**

4-6 hours	Ramirez, Billing	Test measurement software for 1, 2, 3 above

II. Machine Studies Assignments

Reserved for Project Management Team Use		
Topic ID		
Priority[**]		
Shift Assignments	**Date**	**Shift**

Notes:

[§] Indicate the principal shift topics and estimated number of shifts required

[**] Priority Scale:

1. Critical – results are necessary for preparation for subsequent down/run periods
2. Very high – results are strongly desired for achieving program milestones or in preparation for subsequent down/run periods
3. High – results are of immediate interest but not require
4. Moderate – results should be pursued at the first convenient opportunity
5. Low – results are not presently a high priority for either project milestones or planning

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