

eate New	Form saved. If you woul	d like to submit for the necessa	ry approval, click the "Submit" button at the bottom of th	ne form.			
eate on Behalf of							
int earch	Person: Kent Paschke (pasch ORG: PHALLA	ke@jlab.org)	Stat	tus: Sav Da			
/ Forms		THOMAS JEFFERSON NA	JSA TIONAL ACCELERATOR FACILITY				
ms Pending My Signature		Newport	efferson Avenue News, VA 23606 (757) 269-7100				
		Beam Schedule 61814					
	Experiment Title: CREX: PAR ACCURACY ID: E12-12-004	RITY-VIOLATING MEASUREMEN	NT of theWEAK CHARGE DISTRIBUTION of 48Ca to 0.02 f	fm			
	Experiment Hall						
	What fraction of the PAC-ap	What fraction of the PAC-approved runtime for your experiment is included in this request?					
	approved runtime is request the collaboration have prior	ted. Identify any constraints on to commitments that would exclude	tide the scheduling committee. Outline if only a fraction of the scheduling of your experiments (e.g. periods when m de their participation, or times when critical apparatus wi r attach a document in the attachments section at the bo	nember vill not b			
	this form.	• •					
	deinstallation is redundant with f	PREX.	es consecutive running with E12-11-101 (PREX). Most installation /	1			
	Accoriated Experiment						
	Associated Experiments	other experiments					
	Directions: To add an associated experiment click the Add Experiment button. An auto complete text field will appear where you can type the experiment. Select the auto complete item that matches the experiment typed						
	Linked Experiments						
	Add Experiment						
	Collapse All Appendix A						
	Proposed Commissioning	Proposed Commissioning and Run Schedule					
	commissioning. Under "Spec		rgets, beam conditions, etc, for the entire Run Plan including itical scheduling needs, e.g., a certain set of energies must be ru	un			
	before another set, etc. NOTE: INDICATE ALL MAJOR	EQUIPMENT CHANGES, BREAKS, OR	MAINTENANCE DAYS, ETC. ON SEPARATE LINES.				
	Days	Setup Number from Radiation Budget Form	n Tag No. Special Requirements (including any variance f standard beam conditions)	from			
		2-8	low current 50nA-5microAmp				
	10	2 0					
	35	9	optimized longitudinal polarization				

Proposed A	pparatus or Beam Development Run Schedule
beam condit	these forms for each proposed development activity. Enter data in preferred time sequence for energies, current, target ions, etc, for the entire Development Run. Under "Special Requirements" below, note all critical scheduling needs, e.g., a f energies must be run before another set, etc.
dentify the	goals of the development run and indicate the experiment(s) for which the proposed run is relevant:
aeriery erie	
NOTE: INDIC	ATE ALL MAJOR EQUIPMENT CHANGES, BREAKS, INSTALLATION OR SETUP, OR MAINTENANCE DAYS, ETC. ON SEPARATE LINES
Days	Setup Number** Special Requirements Include any variance from standard beam conditions, special from Radiation developmental setups, special beamline or experimental equipment, and associated setu
-	Budget Form and installation times in the hall, etc
	00% efficiency for accelerator and experimental operations. ** Provide setup numbers as indicated on the Radiation
Budget Foi	10
Appendix C	
appendix e	
Pre-Installa	tion Requirements
or all chang	es, additions, and enhancements to the standard* equipment (including detector systems) and for new equipment, ident
	a listed below the following specific items: who will be doing the work (User/J Lab staff/contractor); the manweeks
equired for	the work; when the work will be done; and the work location.
	and Design:**
	and Design:** I Engineer: target and scattering chamber, collimators, shielding.
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	septum, beam colimator, septum beamline, shielding	58	Hall A Technical Staff		JLab Staff
change HRS stack Install Quartz/GEM Stack		12	Jack/Hall A staff Users		Jack, SBU and ISU Users
target chamber, cryogenic system, target ladders		19	Hall A staff		Hall A staff, Target Group
Beamline (including Radcon)	Collimators, beam pipe in pivot region(included in septum installation)				
Modifications to Standard Equip	0				
Slow Controls (EPICS)	0				
Other	Moller polarimeter	15	Hall A staff, users		
Target Collimator	pivot pivot	5 2 10	Target Group Hall A Tech, r Hall A Tech, r	ado	JLab Staff JLab Staff JLab Staff
Septum	pivot				
Septum Quartz/GEM	pivot HRS		Users		Users
Quartz/GEM Obtain hall l Appendix D Target Syster	HRS HRS	t the information in th	is Appendix is understood	d and adequate for sched	dule planning
Quartz/GEM Obtain hall l Appendix D Target Syster For polarized	HRS HRS	t the information in th		d and adequate for sched	dule planning
Quartz/GEM Obtain hall (Appendix D Target Syster For polarized appropriate ir	HRS HRS	t the information in the	es. (Include in the propo	d and adequate for sched	dule planning

Appendix E					
Data Acquisi	tion				
Indicate the a	nticipated data acquisit	tion rates (peak and ave	rages) as well as the anti	cipated total data going	to media.
Data Acquisit 0.7	ion Rate Peak (megaby	tes/second):			
Rate Average 0.4	(megabytes/second):				
Total Data Go 2100	ing to Media (gigabytes	s):			
is doing the v	vork.	to the data acquisition	system. Include a sche	dule of developmental a	ctivities identifying who
None. DAQ	is essentially ready.				
					1
doing the wo	rk.			developmental activities	s identifying who is
Septum ma	gnet and target requi	re additional controls.			
					1
Appendix F					
User Staffing	g Profile				
analysis), indi	cate the number of onsi		ate, the incremental off	ing, deinstallation, and d ice and laboratory space	
	Collaboration FTEs at JLab	Storage Space	Laboratory Space	How long is space needed?	Comments
	0.5 yr	25 m^2	100 m^2	0.5 yr	
Design					
	0.5 yr	// 25 m^2	// 100 m^2	0.5 yr	
Construction					
		1/1	17	1,	
— "	0.2 yr	25 m^2	100 m^2	0.2 yr	- septum tests - electronics tests
Testing					
	1.6 yr	25 m^2	100 m^2	0.1 yr	
Commissionir	ig				
		//	//	//	a <u>a</u>
Running	4.8 yr	25 m^2	80 m^2	0.3 yr	
Running					
	0.1 yr	10 m^2	80 m^2	0.1 yr	
Deinstallation					
	0.1.vr	10 m^2	80 m^2	// /	
	0.1 yr	10 m/2	80 m ² 2	0.1 yr	
Decommissio	n			1	
					5.6

Data	4.0	0	80 m^2	1 yr		
lf you requi information		ce, you need to cont	act the User Liaison Of	fice at 757.269.6388	or users@jlab.org for	additional
Save Submit	Delete					Clone This Form
Attachments —						
There are no att	achments					
Add File Ac	id URL					
-Signatures						
There are no sig	natures					
I						

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contact helpdesk@jlab.org