



Jefferson Lab PAC25 Proposal Cover Sheet

This document must be received by close of business Tuesday, December 2, 2003 at:

Jefferson Lab
User/International Liaison
Mail Stop 12B
12000 Jefferson Ave.
Newport News, VA
23606

Experimental Hall: _____

Days Requested for Approval: _____

Proposal Title:

Proposal Physics Goals

Indicate any experiments that have physics goals similar to those in your proposal.

Approved, Conditionally Approved, and/or Deferred Experiment(s) or proposals:

Contact Person

Name:

Institution:

Address:

Address:

City, State, ZIP/Country:

Phone:

Fax:

E-Mail:

Jefferson Lab Use Only

Receipt Date: _____

By: _____

LAB RESOURCES LIST

JLab Proposal No.: _____ Date _____
(For JLab ULO use only.)

List below significant resources — both equipment and human — that you are requesting from Jefferson Lab in support of mounting and executing the proposed experiment. Do not include items that will be routinely supplied to all running experiments such as the base equipment for the hall and technical support for routine operation, installation, and maintenance.

Major Installations (*either your equip. or new equip. requested from JLab*)

Major Equipment

Magnets:

Power Supplies:

Targets:

Detectors:

Electronics:

Computer Hardware:

Other:

New Support Structures:

Data Acquisition/Reduction

Computing Resources:

New Software:

Other:

HAZARD IDENTIFICATION CHECKLIST

JLab Proposal No.: _____

Date : _____

(For JLab U/I Liaison Office use only.)

Check all items for which there is an anticipated need.

<p>Cryogenics</p> <p>_____ beamline magnets</p> <p>_____ analysis magnets</p> <p>_____ target</p> <p>type: _____</p> <p>flow rate: _____</p> <p>capacity: _____</p>	<p>Electrical Equipment</p> <p>_____ cryo/electrical devices</p> <p>_____ capacitor banks</p> <p>_____ high voltage</p> <p>_____ exposed equipment</p>	<p>Radioactive/Hazardous Materials</p> <p>List any radioactive or hazardous/toxic materials planned for use:</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Pressure Vessels</p> <p>_____ inside diameter</p> <p>_____ operating pressure</p> <p>_____ window material</p> <p>_____ window thickness</p>	<p>Flammable Gas or Liquids</p> <p>type: _____</p> <p>flow rate: _____</p> <p>capacity: _____</p> <p>Drift Chambers</p> <p>type: _____</p> <p>flow rate: _____</p> <p>capacity: _____</p>	<p>Other Target Materials</p> <p>___ Beryllium (Be)</p> <p>___ Lithium (Li)</p> <p>___ Mercury (Hg)</p> <p>___ Lead (Pb)</p> <p>___ Tungsten (W)</p> <p>___ Uranium (U)</p> <p>___ * Helium (³He)</p> <p>___ Other (list below)</p> <p>_____</p> <p>_____</p> <p>* U/I Liaison Office to notify RADCON</p>
<p>Vacuum Vessels</p> <p>_____ inside diameter</p> <p>_____ operating pressure</p> <p>_____ window material</p> <p>_____ window thickness</p>	<p>Radioactive Sources</p> <p>_____ permanent installation</p> <p>_____ temporary use</p> <p>type: _____</p> <p>strength: _____</p>	<p>Large Mech. Structure/System</p> <p>_____ lifting devices</p> <p>_____ motion controllers</p> <p>_____ scaffolding or</p> <p>_____ elevated platforms</p>
<p>Lasers</p> <p>type: _____</p> <p>wattage: _____</p> <p>class: _____</p> <p>Installation:</p> <p>_____ permanent</p> <p>_____ temporary</p> <p>Use:</p> <p>_____ calibration</p> <p>_____ alignment</p>	<p>Hazardous Materials</p> <p>_____ cyanide plating materials</p> <p>_____ scintillation oil (from)</p> <p>_____ PCBs</p> <p>_____ methane</p> <p>_____ TMAE</p> <p>_____ TEA</p> <p>_____ photographic developers</p> <p>_____ other (list below)</p> <p>_____</p> <p>_____</p>	<p>General</p> <p>Experiment Class:</p> <p>_____ Base Equipment</p> <p>_____ Temp. Mod. to Base Equip.</p> <p>_____ Permanent Mod. to</p> <p>_____ Base Equipment</p> <p>_____ Major New Apparatus</p> <p>Other: _____</p> <p>_____</p>

Computing Requirements List

Proposal Title: _____

Spokesperson: _____ Experimental Hall: _____

Raw Data Expected

Total: _____ Per Year (long duration experiments only): _____

Simulation Compute Power (SPECint95 hours) Required: _____

On-Line Disk Storage Required: _____

Imported Data Amount from Outside Institutions: _____

Exported Data Amount to Outside Institutions: _____

Expected Mechanism for Imported/Exported Data: _____

Special Requirements

For example, special configuration of data acquisition systems) that may require resources and/or coordination with JLab's Computer Center. Please indicate, if possible, what fraction of these resources will be provided by collaborating institutions and how much is expected to be provided by JLab.
