

Proposal Number:

E12-10-006B

Hall: A

Title: Measurement of Deep Exclusive pi- Production using a Transversely Polarized ^3He Target and the SoLID Spectrometer

Contact person: Garth Huber

Beam time request:

Days requested for approval:	48 days
Tune up included in beam time request:	No

Beam characteristics:

Energy:	11 GeV
Current:	15 μA
Polarization:	Yes

Targets:

Nuclei:	^3He
Rastering:	?
Polarized:	Yes

Spectrometers:

SoLID	Yes
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This is a run group proposal with experiment E12-10-006 using the SoLID spectrometer. It does not require any modifications or additions to the equipment planned for E12-10-006. It does not require any change to the trigger for that experiment, as long as the DAQ is not configured to reject tracks not participating in the trigger.

Technical Comments:

1. The simulations for this measurement may benefit from tracking DEMP events through the full SoLID Geant4 simulation, particularly for kinematics with the lowest momentum protons (300 MeV/c).