

Agenda Solenoid Interim Assessment

Nov 30-Dec 1, 2004

Assessment Team:

Bob Kephart, chair (Fermilab)

John Alcorn (LASS Solenoid Engineer and JLAB retired)

Claus Rode (Jlab)

Tuesday Nov. 30, 2004

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| 0900 Welcome, Scope, Purpose and Charge | Elton Smith |
| 0915 Hall D Overview | Alex Dzierba |
| 0930 Solenoid status, coil refurbishment and test results <ul style="list-style-type: none">-Solenoid system status and evaluation-Coil testing and Refurbishment-Testing at JLAB Alternatives | Paul Brindza |
| 1015 Coffee break | |
| 1030 Solenoid coil inspection | Jeff Self |
| 1130 Solenoid work remaining – the next three years <ul style="list-style-type: none">- DC system- Cryogenics Plan- Instrumentation and Control plans Yoke Modifications-stray field reduction and detector access | Paul Brindza |
| 1230 Lunch | |
| 1400-1600 Committee work session | |
| 1600 Committee summation and questions | |

Wednesday Dec 1, 2004

Committee preparation of written report

Solenoid for GlueX - summary of reviews

- 2000 Solenoid evaluation at LANL (Alcorn, St.Lorant, Brindza)
- 2001 Detailed evaluation and R&R Plan (Brindza)
- 2004 Interim assessment – coil R&R (Alcorn, **Kephart**, Rode)
- 2006 Solenoid System assessment
- 2008 Solenoid Safety Review

Scope of Interim Assessment

Coil tests and detail evaluation

Coil 1&2 R&R, upgrades and tests

Plan for coil 3&4 R&R

Tests at JLAB prior to installation

Alternate – disassemble and remanufacture cryostats (not coils)

Outline plans for Cryogenic interface and instrumentation and control

New DC system

Magnetic modifications for GlueX and impact on Solenoid