

3rd Harmonic Monday Meeting Minutes

Date: July 9, 2007

Time: 9:00 A.M.

Place: Hermitage

Attendees (P=Present, Ph=attended by phone):

T. Arkan	P	N. Dhanaraj	P	T. Khabiboulline	P	N. Solyak	
L. Bellantoni	P	H. Edwards	P	D. Mitchell	P	Y. Torun	P
H. Carter		M. Foley	P	D. Olis	P	G. Wu	
M. Champion	P	E. Harms		P. Pfund	P	G. Galasso	
L. Cooley		A. Hocker		S. Reeves	P	E. Vogel	Ph
C. Cooper	P	H. Jiang	P	A. Rowe	P	M. Henning	Ph

Minutes recorded by Dan

Minutes are posted at: http://tdserver1.fnal.gov/dolis/39GHz_minutes.html

3.9GHz Project page is: www-a0.fnal.gov

Meeting Minutes

Cavity status

- Leaking input coupler for vertical test is currently being repaired. Allan expects this to be welded today and vertical test of cavity-6 by Friday possible.
- Helen would like to see Q v. E plots of all cavities to date. Will discuss with Timer.
- Mike reports he has end tube assemblies from Andreas. He has looked at them with a boroscope and the welds look good. He may look again with a different scope to get a better look at the F-probe welds. Timer will also inspect them. Minor scratches may etch away or require Dave Burk to buff out.
- Helen proposes that cavity-7 and 8 have single post F-probes added. Mark suggests that one cavity be fitted with single post design and tested before going ahead with second. In any case, Mike has enough end groups for using either the single post or double post designs.
- Cavity-7 & 8 can either be welded at Fermi or JLAB. Mike proposes that Fermi make one and JLAB the other. JLAB requires more money if they are to weld the cavities.

Helium Vessels

- Mike reports that titanium raw cut pieces at vendor for machining of components for first vessel. These are due 7/19. Bellows assembly is to be procured from a separate vendor (lead time 4wks+). First helium vessel will be welded at Fermilab.
- Mike reports cavity-1 with vessel pressure tested OK to 2bar.
- First batch of vessels that were rejected are back at FNAL. Don will give to Lance for possible testing.

Other Business

- Don, Elmar, and Helen discussed need for battery of meetings to discuss integration and interface issues. This will be scheduled.