

3rd Harmonic Monday Meeting Minutes

Date: February 26, 2007

Time: 9:30 A.M.

Place: Trailer 157 Conference Room

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

C. Antoine	P	C. Cooper		D. Mitchell	P	G. Wu	P
T. Arkan	P	N. Dhanaraj	P	D. Olis	P	A. Hocker	P
L. Bellantoni		H. Edwards	P	P. Pfund	P	J. Li	
C. Boffo		M. Foley	P	S. Reeves	P		
H. Carter	P	E. Harms	P	A. Rowe	P		
M. Champion	P	T. Khabiboulline	P	N. Solyak		R. Stanek	P

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

Meeting will move to Hermitage (ICB, 2nd floor, East end) starting next week.

MDTL

- Claire reports that facility infrastructure work will finish in a week.
- She estimates in two weeks time she would be ready for director's review but review schedule is unknown to her. She will send Rich an email with her timeline specifics.

G150

- Allan reports some acidic water found under secondary containment trough. Leaky weld is suspected. Unit will be disassembled for cleanup and leak checked.

Cavity-4

- Difficulty with leak check due to scratches in end flanges. Scratches have been polished out. Finish leak check today or tomorrow. Allan projects cavity will be ready for vertical test by 3/22.

End Groups

- Mike reports that he successfully welded (3) of the shorter HOM can designs to sample end tubes. The setup is tedious but he has confidence in the procedure.
- Mike will make a list of end group configurations, fabrication status, and schedule estimates.

Helium Vessels

- Installation tooling is on order. Samples for TIG weld test in-hand. Allan will get a rotating table fixture for use in welding glove box. Mike will weld vessel flanges to cavity-1 after he finishes HOM can welds.

Main Coupler Test Stand

- Elvin reports that klystron now delivers 76kW but that only 55kW is measured downstream of couplers. This is being investigated.

HOM Couplers

- Elvin reports that (2) couplers were rec'd from Omley. They are currently in TD QC.

Other Business

- Rich Stanek showed that project has spent \$350k M&S this year while only \$229k was budgeted. He is asking task managers for budget information for 3.9 and 1.3 projects for remainder of year.
- Don showed electronic bill of material and companion 3D cryomodule model that will be used by technicians to track parts and assembly steps. He reports that he demonstrated these to technicians at MP9 and that J. Konc will soon have a computer available at MP9 for the them. CD will setup wireless at MP9.
- Don and Tug reported that cavity string assembly mockup work continues. Some tooling modifications will be made to facilitate installation of shielding and tuner. Don requested from Elvin some field probes and HOM coupler to add to mockup cavity.

- General discussion on tooling req'd, fragility of components, and possible shipping options for getting cryomodule to DESY.
- Mike at Sciaky on Wednesday. He reports that travel time is typically 2.5-3hours, sometimes 4hrs, per visit.