

3rd Harmonic Monday Meeting Minutes

Date: January 8, 2007

Time: 9:30 A.M.

Place: Trailer 157 Conference Room

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

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

Cavity-3

- Bakeout started on Saturday will wrap up today. Wade to take RGA readings and then thermometry will be added. A0 tech's to be trained to install thermometry next time. No camera will be used. Kinney pump rebuilt and back online.
- Allan says a flange was originally incorrectly mounted and then reinstalled at correct orientation. If there are gradient problems with next test, he'd like to re-HPR without any etch.

Cavity-2

- Mike reports cavity-2 will be ready to plug holes on Wednesday. He also has sample pieces for testing weld parameters before welding is done on cavity.

Main Coupler Test Stand

- Dan reports coupler QC is continuing. One recently received Outer Conductor assembly has a crooked bellows which results in component length measuring 3.6mm longer than nominal. He'll show it to Timer and also contact CPI regarding replacement/repair.
- Dan reports that one bellows on a coupler on the test stand was crushed with a hose clamp during preparation for in-situ bake. He'll contact CPI to get it repaired.
- Elvin reports that RF system on test stand will be tested today.

HOM bodies

- Mike reports best-yet test sample of EB welding parameters for perimeter weld of F-probe legs is to be sectioned for inspection. He also has other samples that will be welded on Thursday.
- Timer reports single post design is preferred. Mike and Don say it is also better mechanically.

Other Business

- Charlie gave status report of chemistry processing facility and safety reviews.
- Mike will provide Claire with some scrap material after cell blanks are cut from large grain mat'l.
- Tug reported that 1.3GHz cavity C-22 from DESY will be installed in horizontal test in February. A meeting will be called to identify task leader, engineers, technicians, and all pieces req'd for this test.
- Scott reported that work on 3-cell cavities at Roark is progressing: end cells formed (a couple will be returned to Fermi for spot QC) and they are currently making rolling dies for end tubes. Scott is working on coordinating etch dates.
- Cold mass module assembly: Tug reports that M. Ross has made 500k\$ available to develop mockup cavities and then test cavity string assembly at CAF. Helen requests a written plan. Don requests that he be involved in plan development.
- Genfa gave progress report on test of plasma etching of a single cell 3.9GHz cavity.