

Project Status

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16 July 2015

Status

- AL800 measurements – done
- Heating calculations and simulations – done.
 - Verification of MWS results with ACE3P (T.H. Luo, LBNL)
- Solid state driver specs – done (waiting for John Reid)
- Mock cavity – 90% machine shop work done.
 - Measurements to start once mock cavity is done.
- Anode and cathode resonators – Matt & intern
 - Drawings have started.
 - Complete and delivered 30 Sep 2015.
- Power coupler – MWS sims started. Transmission line model done.
- HOM coupler – Analytic model and Superfish model done.
 - Mock cavity will test HOM calculations – Robyn
 - Must be added to MWS model.

Status (cont'd)

- Solenoid for biasing – Iouri
- RF windows – Ding
 - Critical!
- Assembling the garnet disks – Kevin
 - Talk in 2 weeks to bounce ideas how this is going to be done with cooling channels.
 - Drawings of cavity (started?)
- Eddy current mitigation – Gennady
 - SSC models would be useful for us.

Others

- Controls
- Reviews
 - Scientific
 - Engineering
- Commissioning plan
 - High power testing