RDDS1 Parts/Schedule

The first portion of the meeting was spent discussing the WR-62 flanges for RDDS1 and the loads to be fabricated by CPI. Some changes are being contemplated for the flange drawings with respect to copper plating and to the slot for vacuum pumping (move to narrow wall). Juwen, Roger, and Chris Pearson are discussing the changes which will be documented on the drawings by Karen. There are already on hand four loads in WR-62 without copper plating on the flanges that were used on DDS3. Six more loads are required for ASSET testing, and they will be from CPI using plated flanges provided by SLAC.

If the above is acceptable, Karen will send a note to Chris Pearson releasing the waveguides for machining.

Juwen reported that RDDS1 is in the 150 °C prebond cycle at IHI. The completed structure will be shipped prior to January 1 (no Y2K hold).

Gordon summarized the parts status for RDDS1 and its support. All of the RDDS1 part drawings have been released to Chris Pearson for fabrication with the exception of the stainless steel vacuum manifolds. The input coupler was received from KEK, and is now in its first braze, to be followed by machining and a second braze.

There are twelve drawing required for the support. Four have been released to Chris Pearson; the other eight will be released by January 1, 2000. The machining of these parts is not expected to be on the critical path.

The detailed schedule prepared by Carl Rago was superficially reviewed. Juwen and Chris Pearson took away copies for further review. It indicates a completion date for the structure of late March, missing the tentative ROD date for installation in ASSET of 3/8/00. It is possible that we could finish earlier or later than the schedule indicates; earlier if things go without any problems or difficulties, and later if something unacceptable arises that needs to be dealt with before proceeding further. With the attention given to the fabrication of the structure to date, it is unlikely that we would ignore a problem or issue that arises at SLAC for the sake of finishing faster.

Juwen asked for a cold test of the output coupler prior to brazing it onto the balance of the structure. It appears that this is mechanically too difficult to accomplish.

Carl will update the schedule with any feedback coming from Juwen or Chris. He will also update the Gordon support schedule.

Minutes by John Cornuelle