The RDDS1 structure is physically in the Bay Area and may be delivered to SLAC today. KEK has expressed an interest in being present for much of the measurement and brazing of the structure, with the detailed plans still being worked out. Assuming RDDS1 has a mushroom or bell shape at the ends, some accommodation in the mating parts and fixturing will need to be made at SLAC, but it should all be doable.

After the initial measurements are complete, it now seems likely that a cold test of the structure before brazing will be of interest. Gordon and Chris Pearson feel that this is feasible with some changes in fixturing by clamping at both ends, although the adequacy of the RF joints is unknown at this time.

Depending on the cold test results, some adjustment of the structure to offset the bell shape may be attempted. This could involve drilling holes for tuning or some kind of compression applied to the OD of the affected cells. Most likely this would occur after some mockup testing and before brazing of the other parts onto the structure.

The WR-62 flanges for the loads were completed and delivered to CPI.

Chris Pearson indicated that the furnace now appears to be working, most likely due to the SCR problems mentioned earlier.

Chris Pearson reported on Ansys model results and an actual test of compressing a plastic right cylinder with longitudinal loads. With the plates applying the compressive load locked to the end faces of the cylinder, the cylinder has a barrel-shaped profile after compression. With the ends of the cylinder lubricated so they can freely move, the cylinder becomes flatter but no barrel shape occurs.

Minutes by John Cornuelle