

LCLS Girder Meeting Notes 4-18-05

Subject: GIRDER DESIGN

Date: 4/18/05

Attendees: SUSHIL BRIAN PAT GEOFF HOREST EMIL GEOFF

Action Items:

- LCLS SPECS ARE AT REV 2 COPY IS AVAILABLE WHERE?
- SHORT TERM AND LONG TERM SPECS FOR STABILITY NEED TO BE REVIEWED
- ADJUSTMENT IN THE X & Z DIRECTION??
- REDHEAD INTO FLOOR AS DONE IN APS
- TWO UNDULATOR LINES ARE GOING INTO THE TUNNEL IN THE END
- 19 FT WIDE TUNNEL
- 3 EXTRA LOCK DOWN BOLTS??????
- ADJUST HEIGHT FROM ABOVE????
- +- 1.5 MM PROTOTYPE, +- .85 MM FINAL
- WIRE LOCATION? MONITOR CRADLE?
 - POSITION SENSORS TO MONITOR FINAL POSITION AND MOVEMENT OF CRADLE
- CAN THE UNDULATORS AND QUADS BE SEPERATED ONTO 2 DIFFERENT SUPPORTS
- PLAN TO REMOVE UNDULATORS EVERY COUPLE OF MONTHS
- REMOVAL AND REPLACEMENT OF UNDULATORS DOES NOT REQUIRE REALIGNMENT????
- SECTION 16.3 - 40 MICRON REPEATABILITY OF ENTIRE CRADLE REMOVED AND REPLACED
- GENERAL AGREEMENT TO PRESENT THE CONCEPT AT THE FORMAL MEETING
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