

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Jim Boyce

DATE: June 16,2000

FROM: Richard Schwartz, Chris Gould

Checked: # :F611

DETAILS:

The results of the FEL crystal survey performed on June 15, 2000 are as follows:

Looking from above, the yaw angle of the crystal face is **37.83** deg. ccw.

Looking from beam left, the pitch is **0.52** deg. ccw.

The bottom of the crystal is **15.7** mm. above ideal beam centerline.

The distance along beam from the center of the wiggler to the upstream face of the crystal is **1091** mm.

The horizontal reference point, as marked on the girder, is **136.6** mm. to the left, looking downstream.