



## **Jefferson Lab Alignment Group**

### **Data Transmittal**

**TO:** G. Biallas, S. Benson, B. Dillon-Townes

**DATE:** Jan 21 2005

**FROM:** M. Goodliff, R. Schwartz

**Checked:**

**# :** F974

#### **DETAILS:**

Attached is a spreadsheet and drawing containing inspection points measured on the FEL Cornell Wiggler Magnet. A right handed coordinate system was established with +X to the beam left, +Z downstream, and +Y up, with the South end of the magnet being upstream. The jaws of the wiggler magnet have been labeled top and bottom and are not in reference to the established coordinate system.

Note that the basic three plane alignment used to establish the coordinate system is only to simplify data evaluation and may not accurately represent the actual centerline. Units are in millimeters.

For record purposes the attached documents are located in the following directory:  
M:\Align\DATA\Inspection\FEL\Cornell Wiggler\