

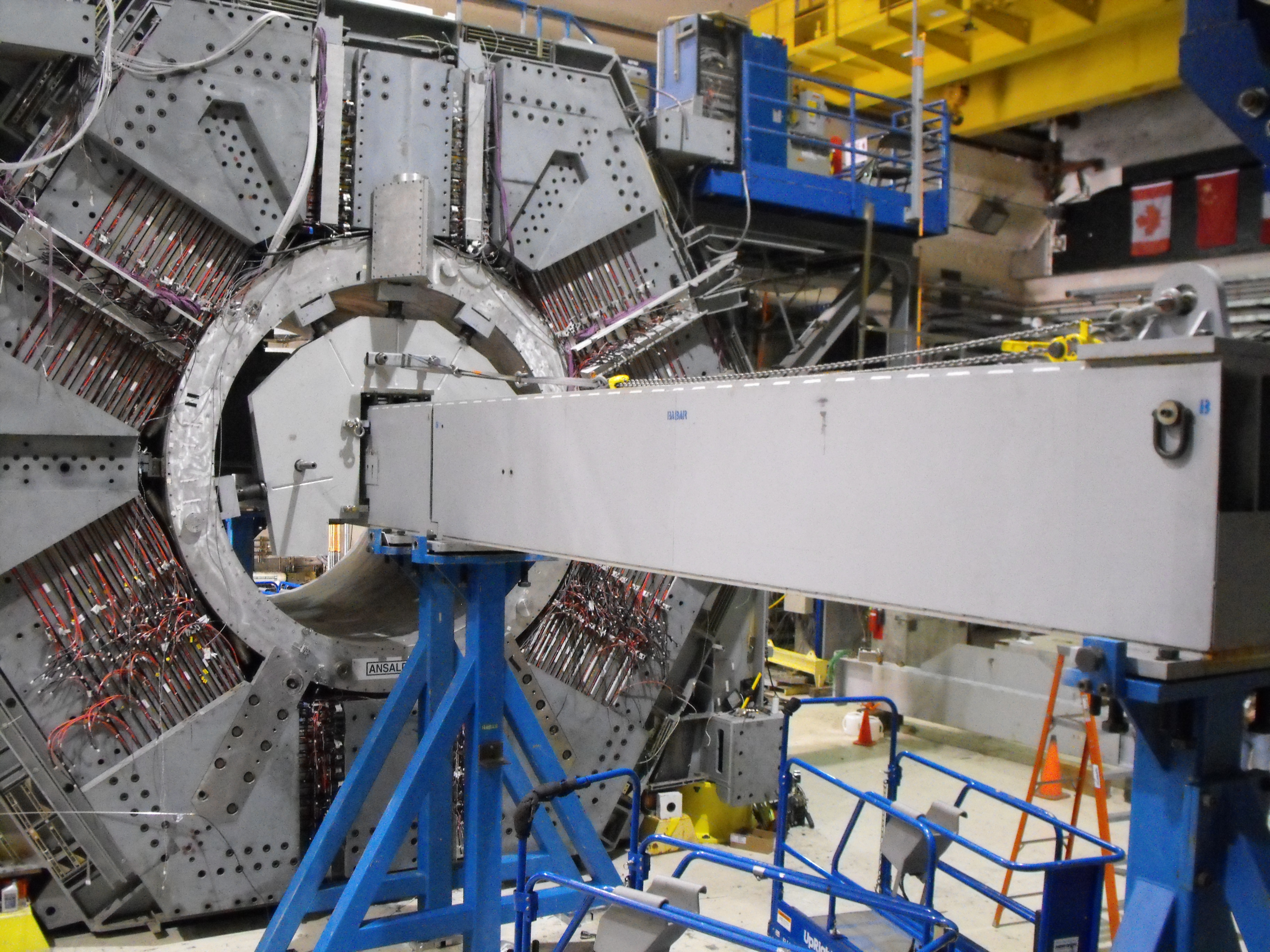
BaBar Support

From Wes Craddock

His Mail

The BaBar solenoid is constrained radially by adjustable wedge shims located at the one o'clock, five o'clock, seven o'clock, and eleven o'clock positions both forward and backward. All the weight is taken by the bottom four pads. The rest are tightened to counter radial decentering forces. Axially, the magnet is constrained at the same locations by adjusting pads between the magnet and stainless steel arms extending radially from the flux return upper and lower corner blocks. I believe that you can see one of these in one of the pictures. The axial pads are simple threaded rods with pads at both ends. They act in compression. You will also see large axial bolts. I have no idea why they were put in. As far as I can tell, they serve no purpose whatsoever.

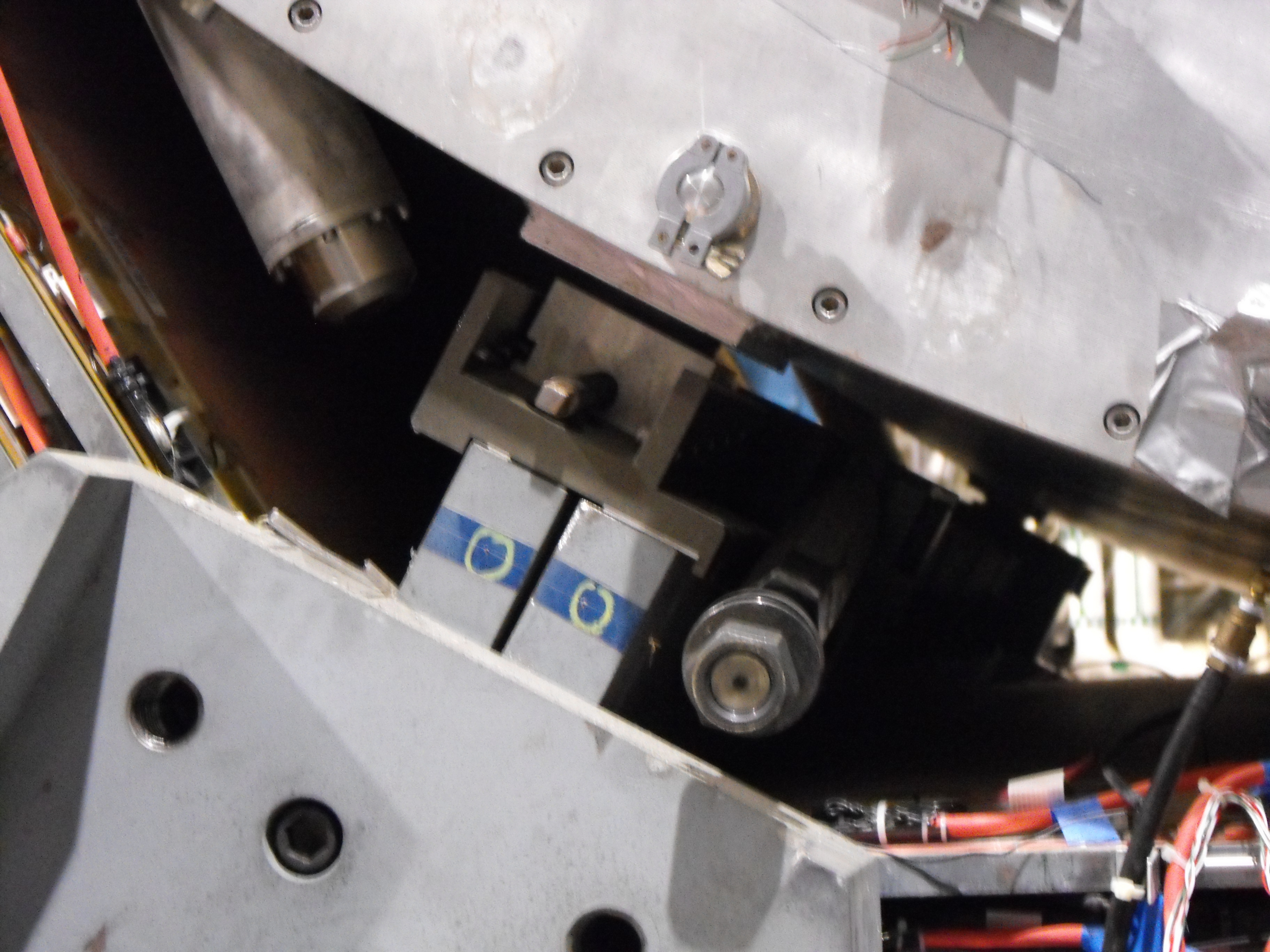




BABAR

ANSALD

Upright

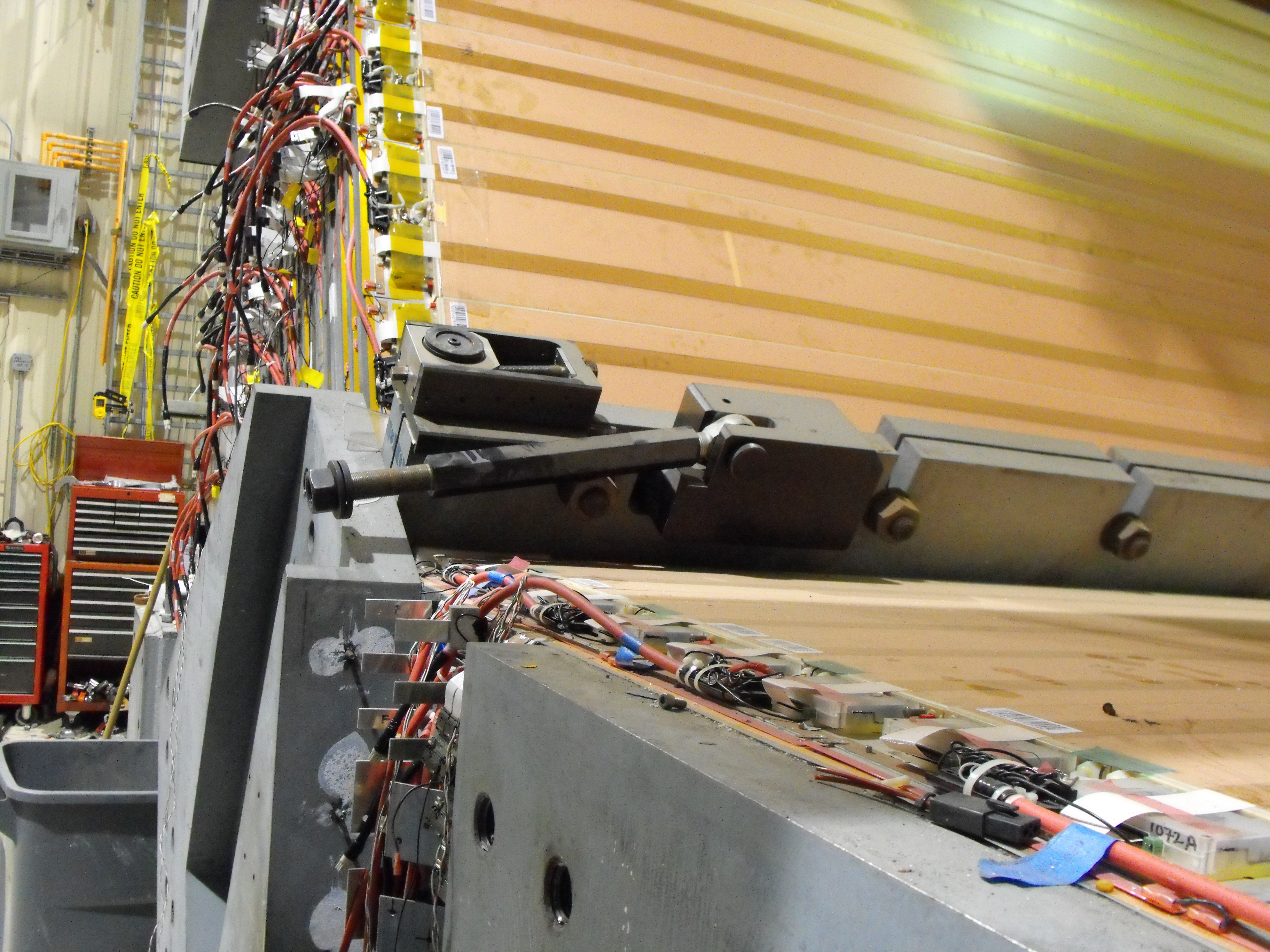








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CAUTION DO NOT ENTER

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