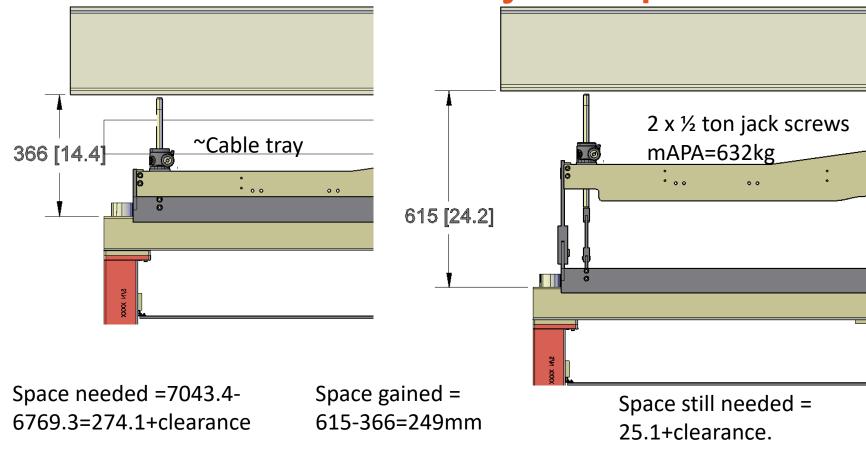
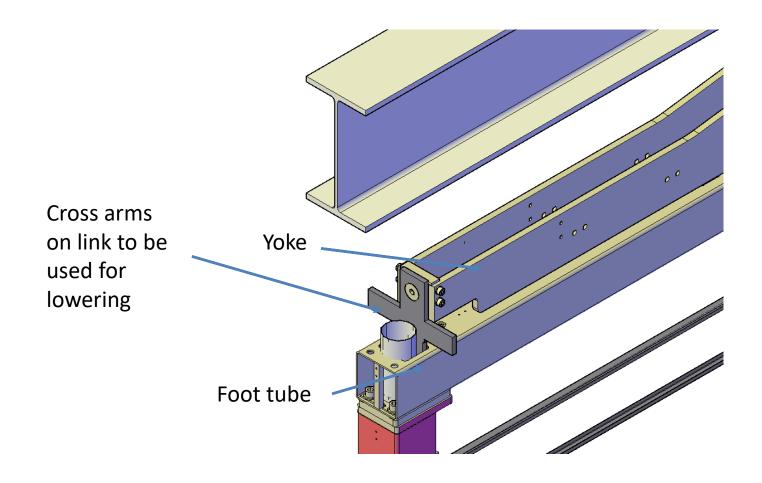
protoDUNE – II issues

Use of Jack Screws to lower inverted APA in cryostat.

Note: all illustrations are very conceptual

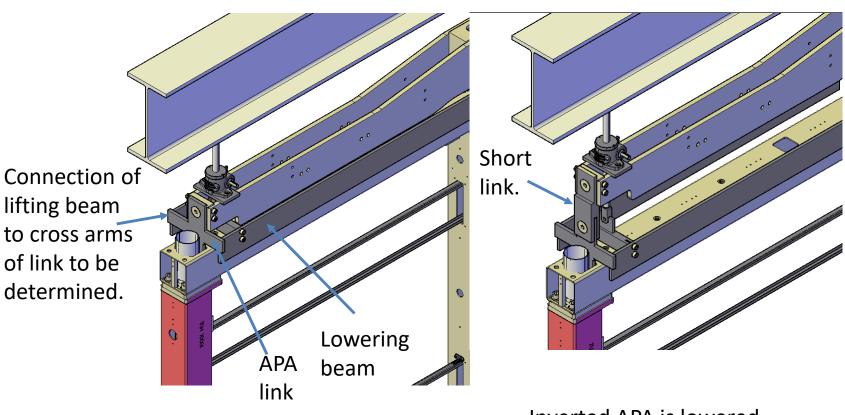


Step 1 – The yoke is initially mounted close to the foot tube





Steps 2 and 3 (After APA is delivered)



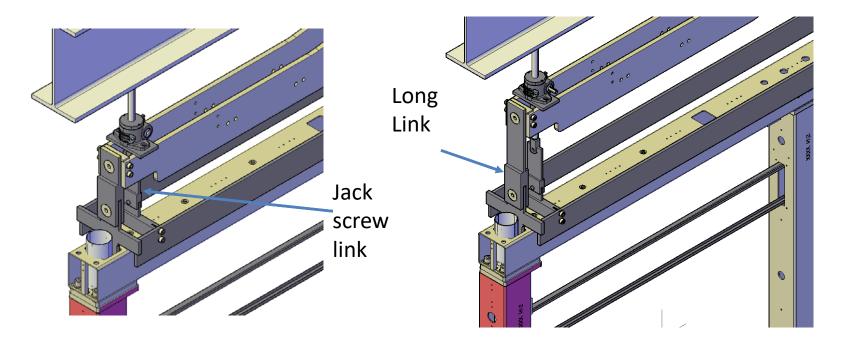
Jack screws and lowering hardware are installed

Inverted APA is lowered ~125mm and short link is installed



3

Steps 4 and 5

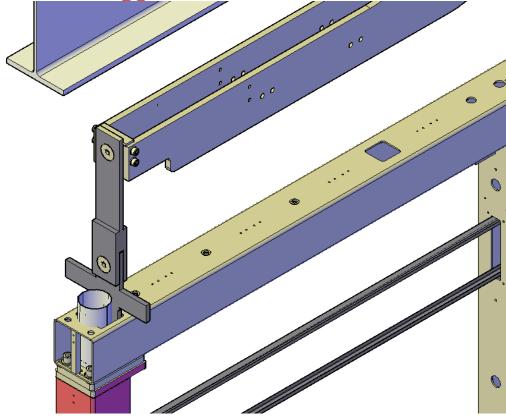


Jack screw is raised and jack screw link is installed

APA is lowered another ~125mm to final height. Long link is installed



Step - Final configuration



Jack screw and lifting beam is removed