



Status of cabling of the corners and fiber boxes

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WA104/ICARUS Technical Working Group Meeting

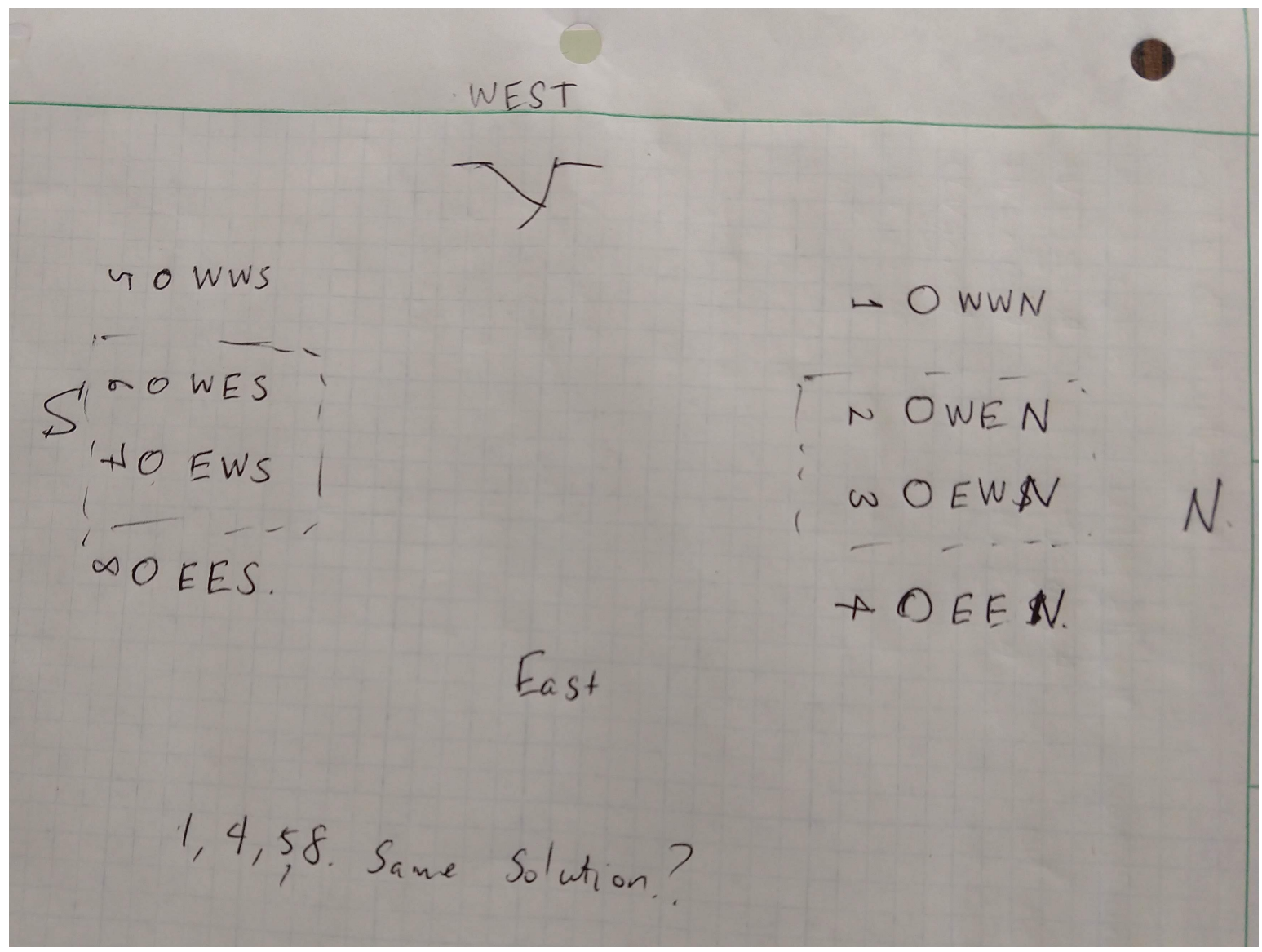
11-Dec-2019

Cables to chimneys (20-Nov-2019)

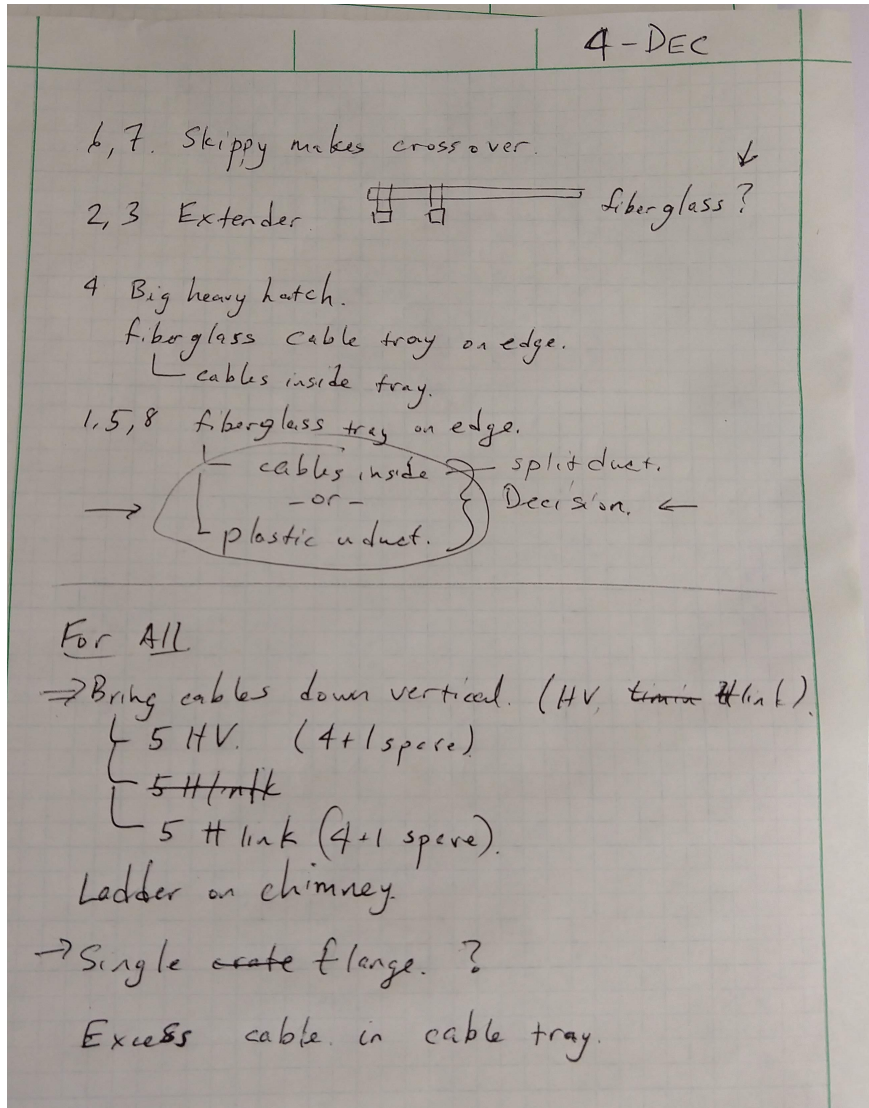


- Four readout crates at each chimney area
 - 3 on the chimney
 - 1 on the cryostat top
- One trigger cable to each crate
- HV cables to each flange
- 6 DAQ fibers to each crate

Corner chimneys

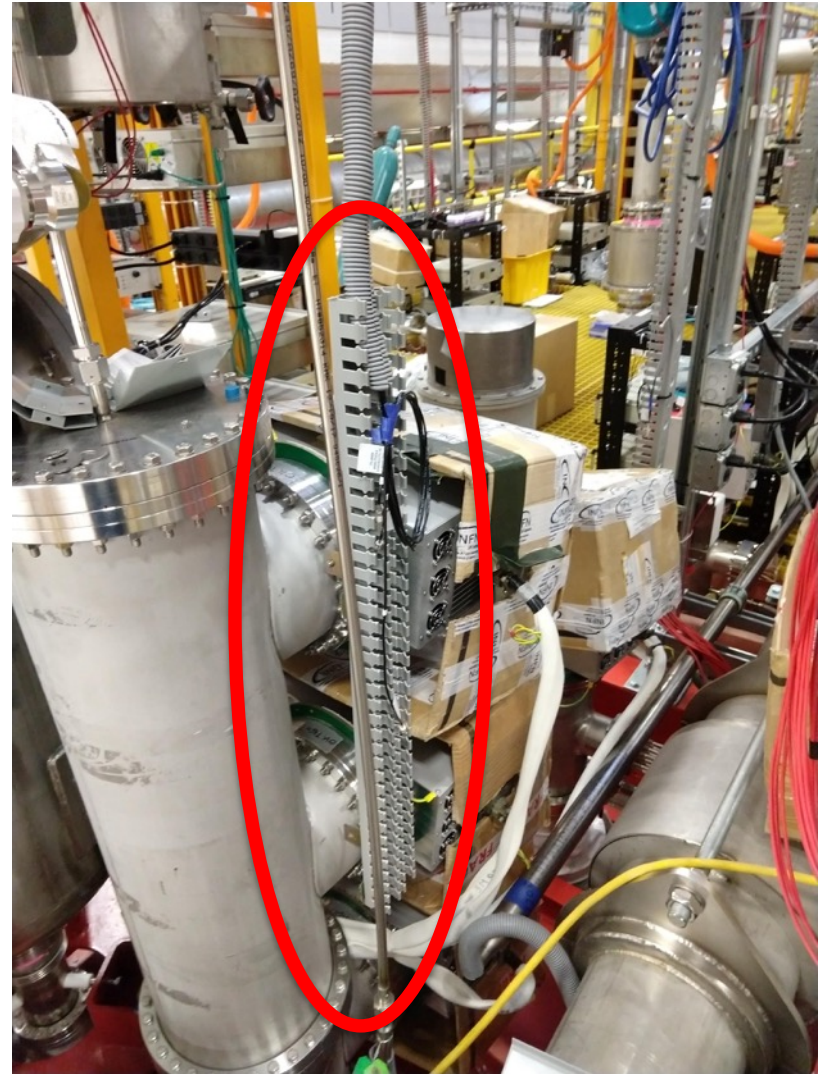
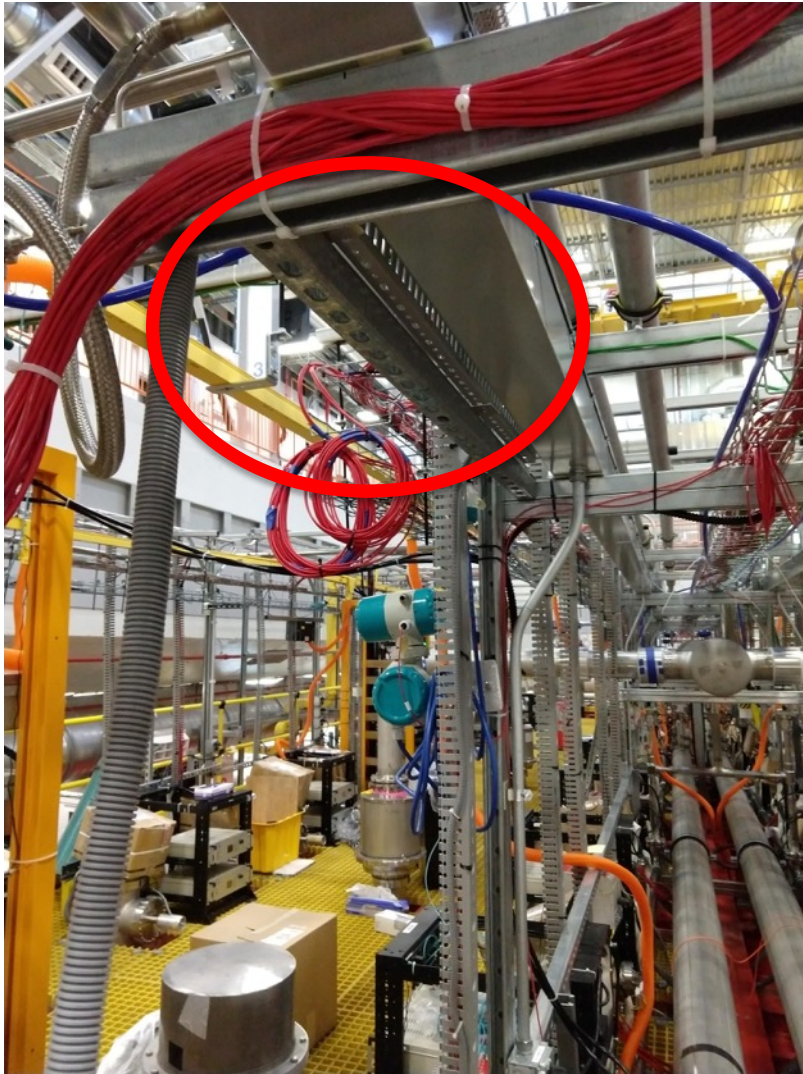


Corner chimneys

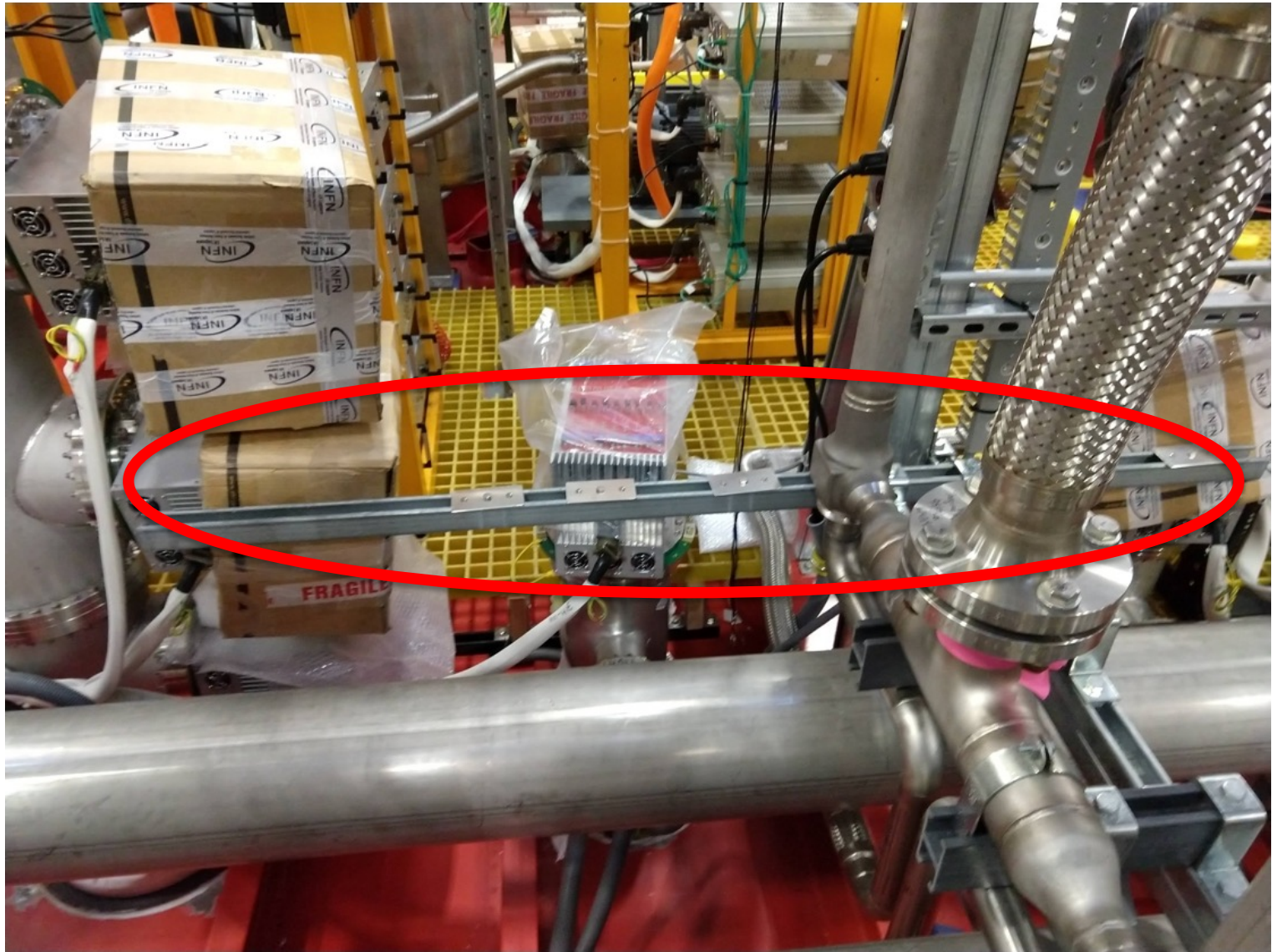


- Skippy built and installed the infrastructure supports
- Vincent and Donato are installing the plastic duct and extending the cable runs
- Last week Vincent helped with East Mezz racks and additional supports on the cable trays on the top

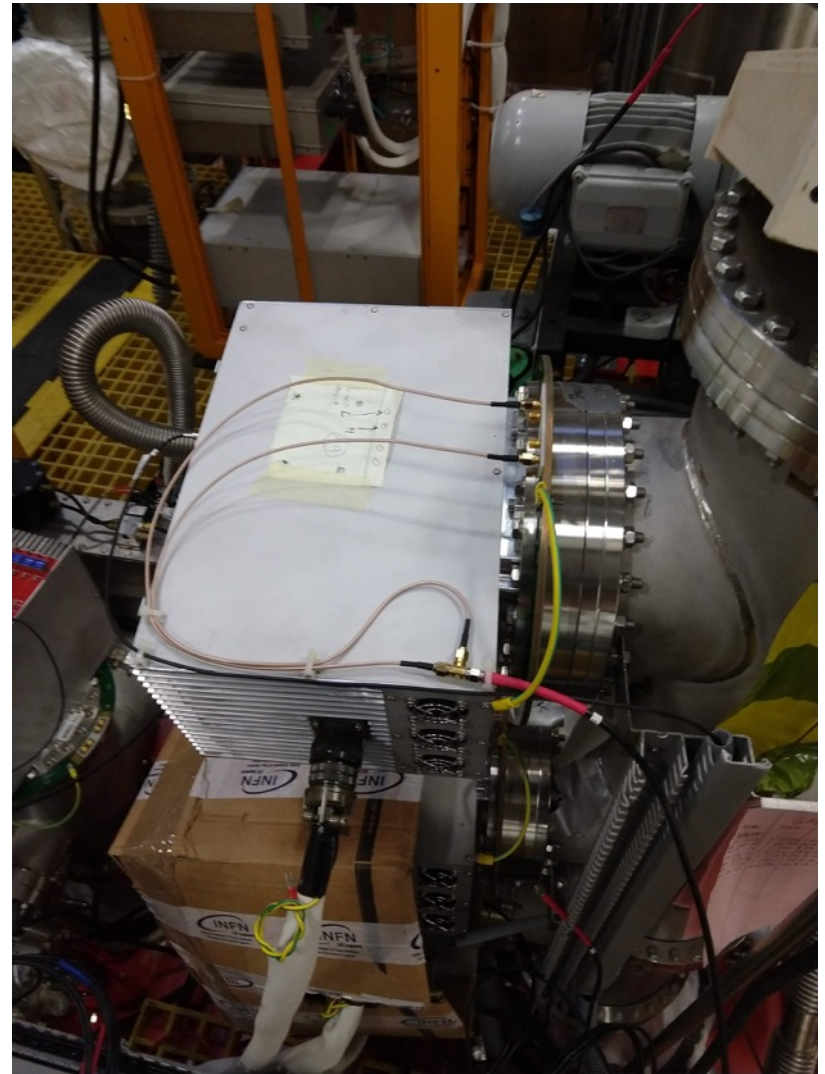
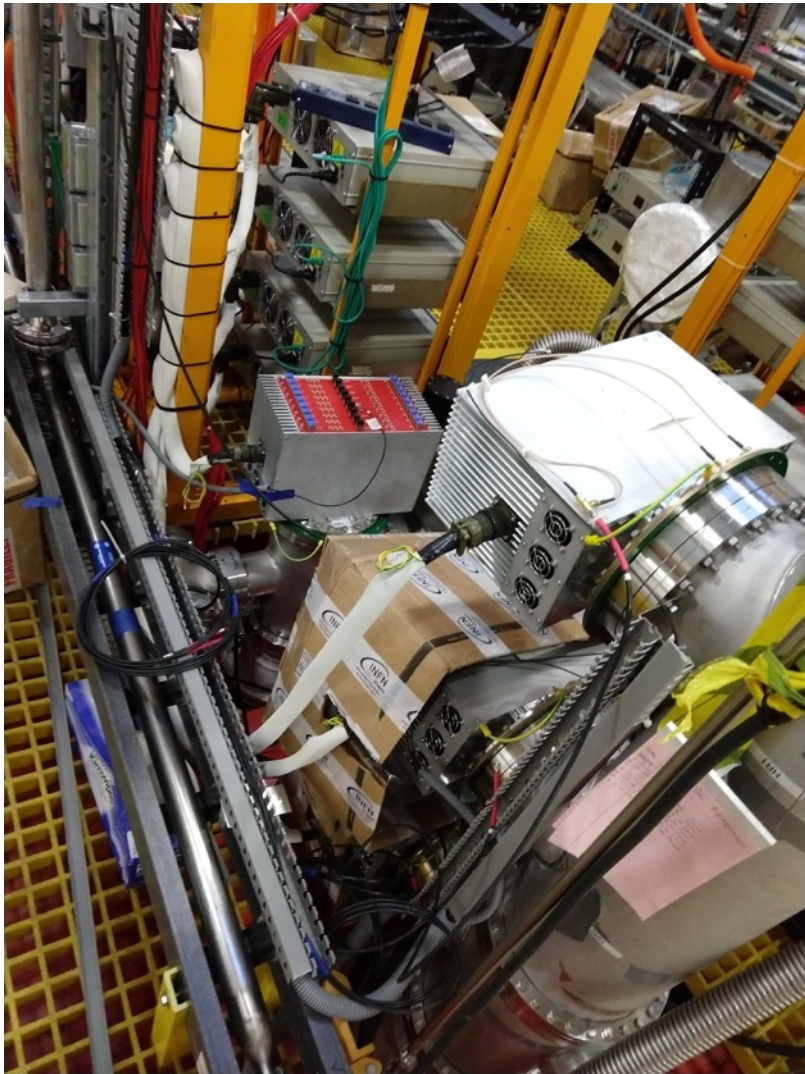
Middle South – WES and EWS



Middle North – WEN and EWN



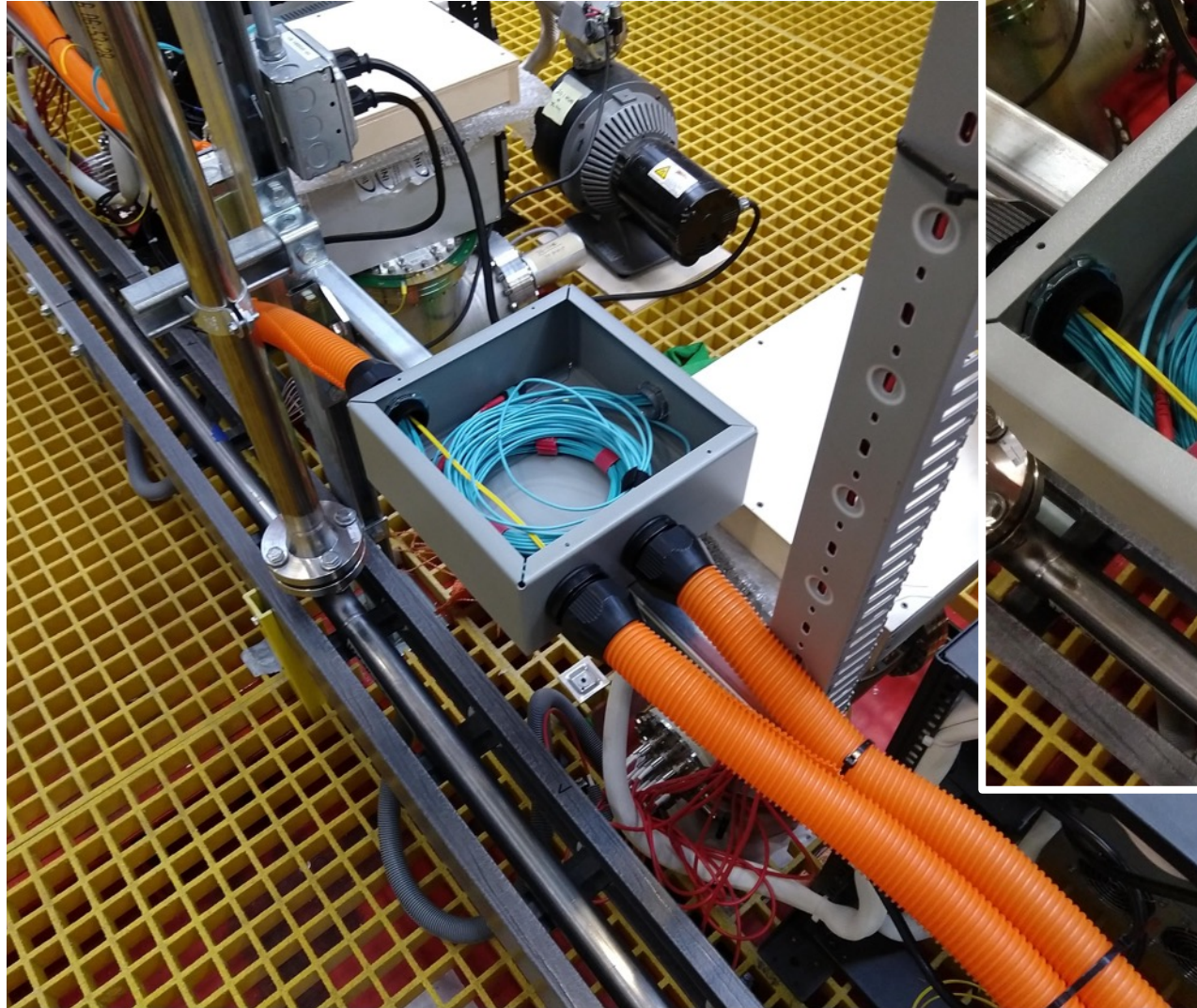
Prototype - WWS



Fiber Boxes

- Connect DAQ fibers for the 6 crates
 - Matt Hogan has a document describing the fiber connection plan
 - DAQ fiber enclosures on detector top
 - DAQ fiber management in computer racks needs to be developed
- Production and installation of the DAQ fiber protection boxes.
 - Then install the DAQ and network fibers
 - Boxes ordered (25), four are here, 21 are back ordered through stockroom
 - Connectors ordered (100), 26 arrived, the others are back ordered and expected Dec 20 (I will be on vacation)
- Status
 - Construction of four boxes started yesterday by the Network guys. Installation should be this afternoon. Then Matt will install the DAQ fibers.
 - The four boxes will be placed to readout 6 tpc mini-crates

Fiber boxes

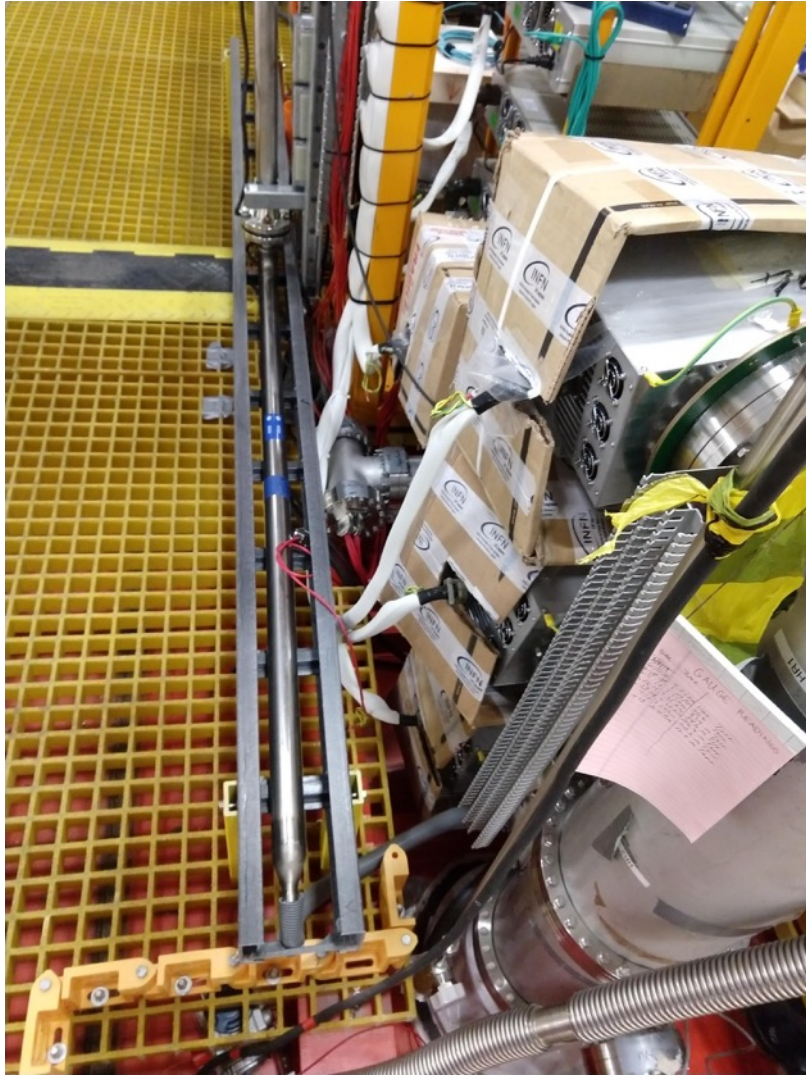




Old Slides Follow

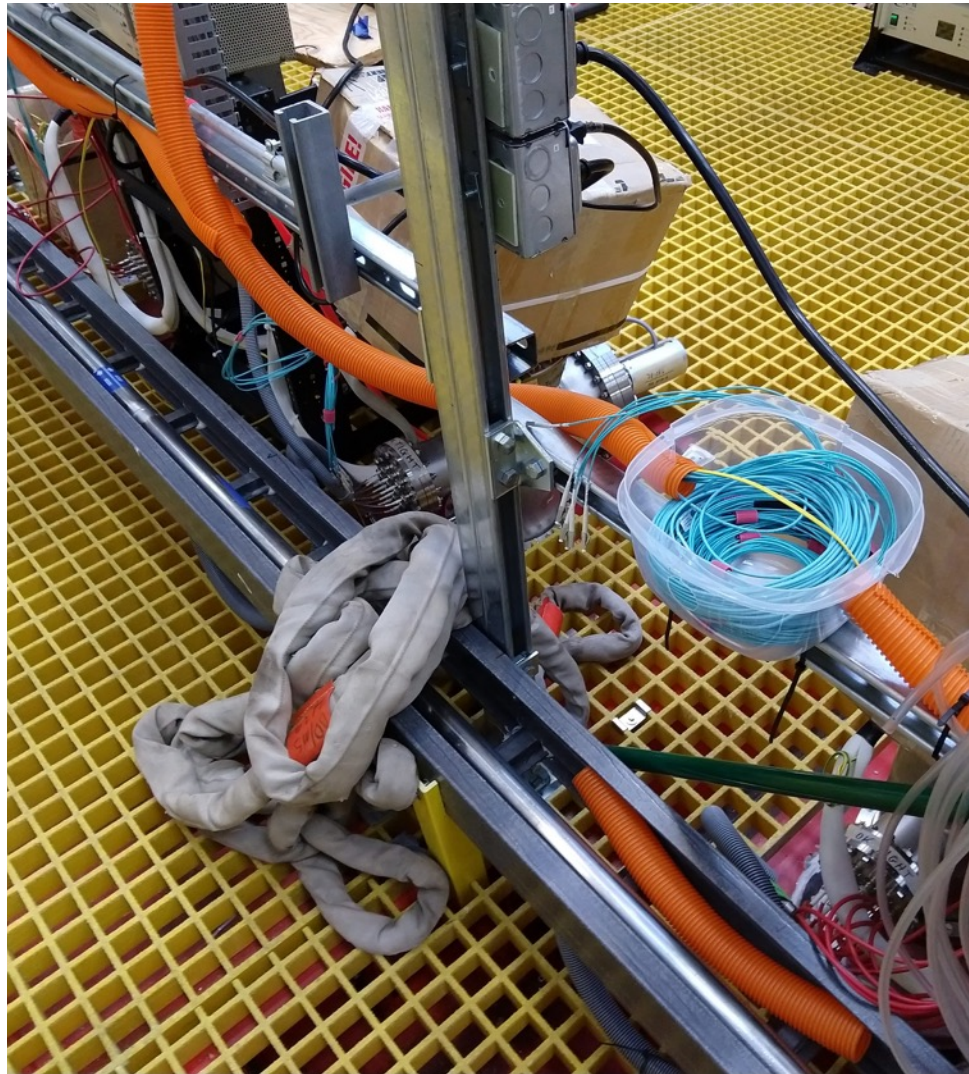
Cables to chimneys







Don't do this ... – 19-Nov-2019



Other short term projects – 19-Nov-2019

- Installation of drift HV cables
- Work Plan - FD HV drift cable tray and cable
 - Cat James
 - SBN Document 14928
- Installation of CRT supports on sides
- Readout crate protection and strain relief

Decisions? – 19-Nov-2019

- Computer with SPEC card
 - Still needed
 - Right now this computer is in the timing rack
- Timing rack power
 - Connection to building UPS or non-UPS power