



# ICARUS DAQ Activities

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06 November 2019

## TPC DAQ Fibers

- $\frac{3}{4}$  of all needed FiberRunners installed on top of ICARUS
  - Hopefully all installed by end of the day
- Laid down 6 (1/4) of needed trunk fibers to TPC DAQ fibers
  - With help from Molly Aslin
  - Hope to have rest laid down by end of week
- Labelled trunk fibers at both ends using table from SBN Document 14166
- Matt H is creating pigtail spare labels
  - 2 spares for every mini-crate

## FiberRunner guide



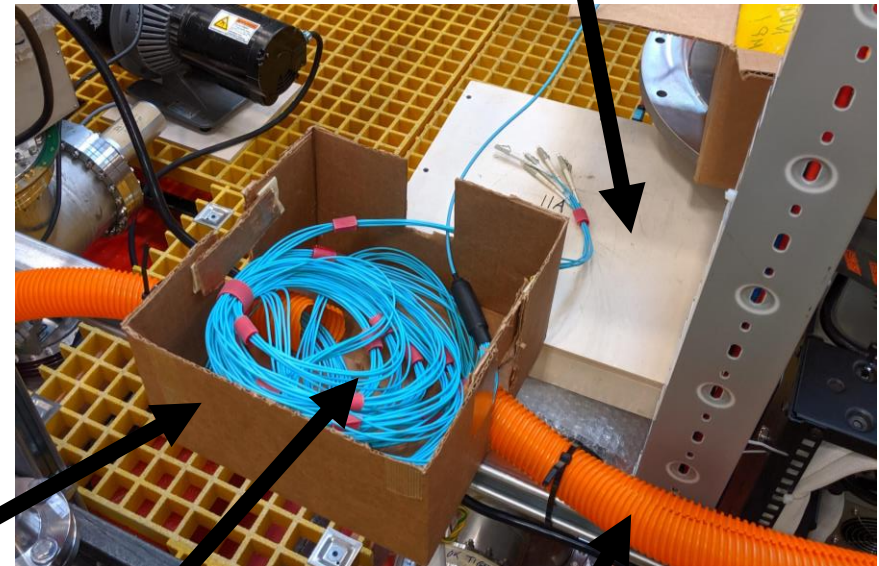
## TPC DAQ Fibers (continued)

- In process of managing where to house excess fiber
- Plan to house excess fiber over the crates
- Mock-up on the right
- Have metal candidate cable housing
  - Hopefully real housings this week

Cardboard  
Mock-up

Excess  
fibers

Mini-crate with  
temporary cover

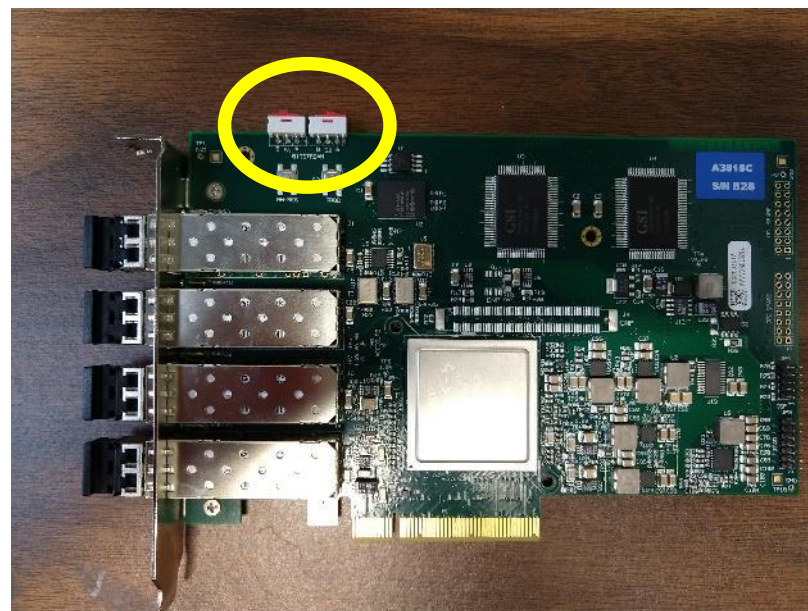


Tubing to protect  
fibers between  
mini-crates

## A3818 Boards (Crate Links to DAQ Servers)

- Physically installed all (source) CAEN A3818 on DAQ machines
  - 24 TPC
  - 3 PMT
- Complication: DIP switches/jumpers hit rail upon insertion
  - Required to bend jumpers
  - No other complications
- Need to wait for Scientific Linux installation on most DAQ servers before installing drivers
- Driver installation procedure finalized and working

CAEN A3818 with jumpers circled



# Minutia

- This is my last week at FNAL
- Will be working on ICARUS remotely until end of December
- Plan:
  - Work on DAQ software where I can
  - Shift schedules with Bob W. (*et al.?*)

Thank you for your attention

## Additional Slides