

LArIAT Front End Electronics Update

Feb. 10, 2015

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Status and Expected Schedule

Current status:

All FE electronics cards manufactured and populated.

Hand soldering and testing: 2-3 days expected.

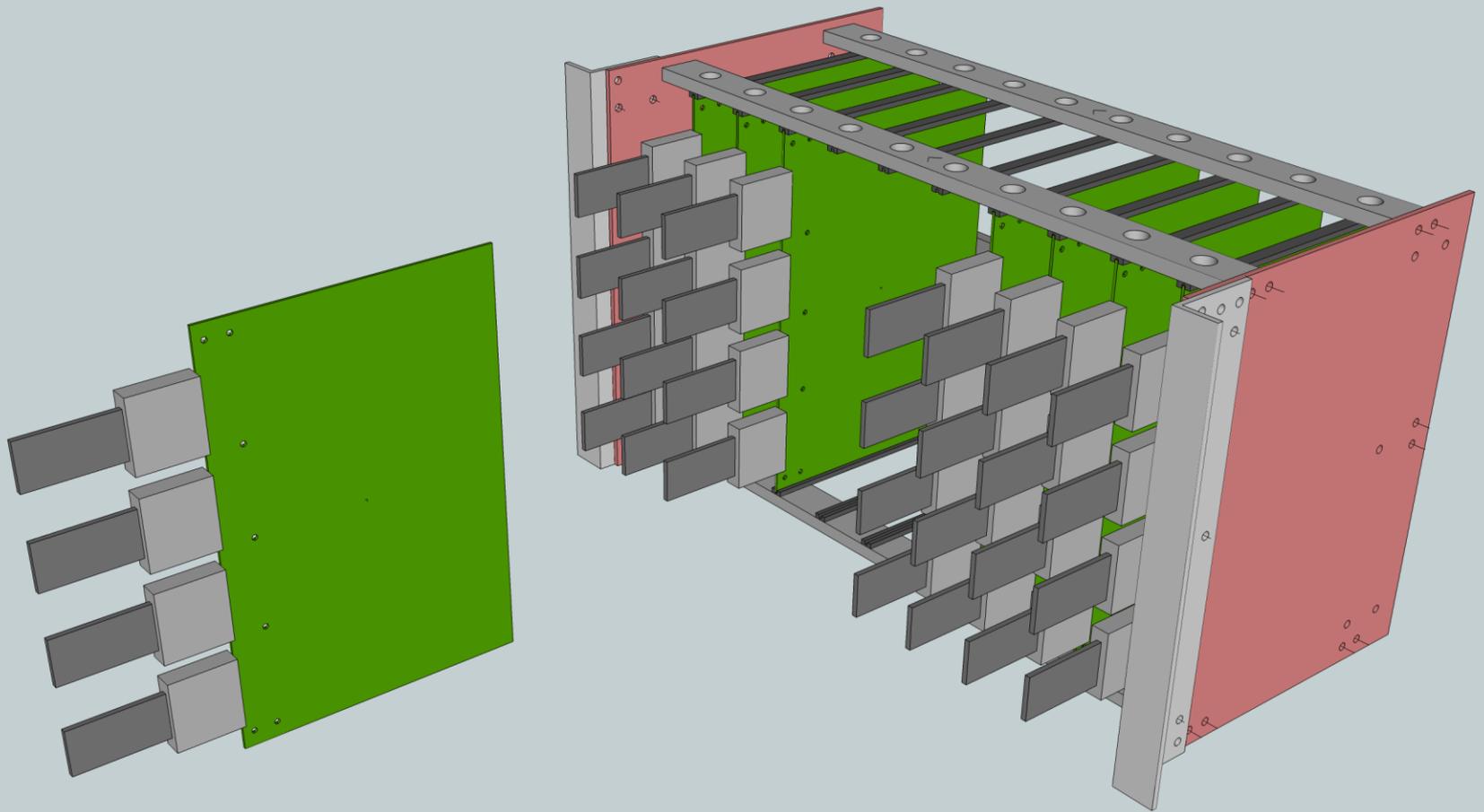
Now building the WRD-48 and D2S-64 card files: 2-3 days.

Working on power supply setup (adapt the ArgoNeuT power pans for LArIAT).

Thinking about the location of the WRD-48 power supply.

Still on schedule for electronics installation during week of Feb 16th.

Next slides: Images of D2S-64 and WRD-48 card crate designs

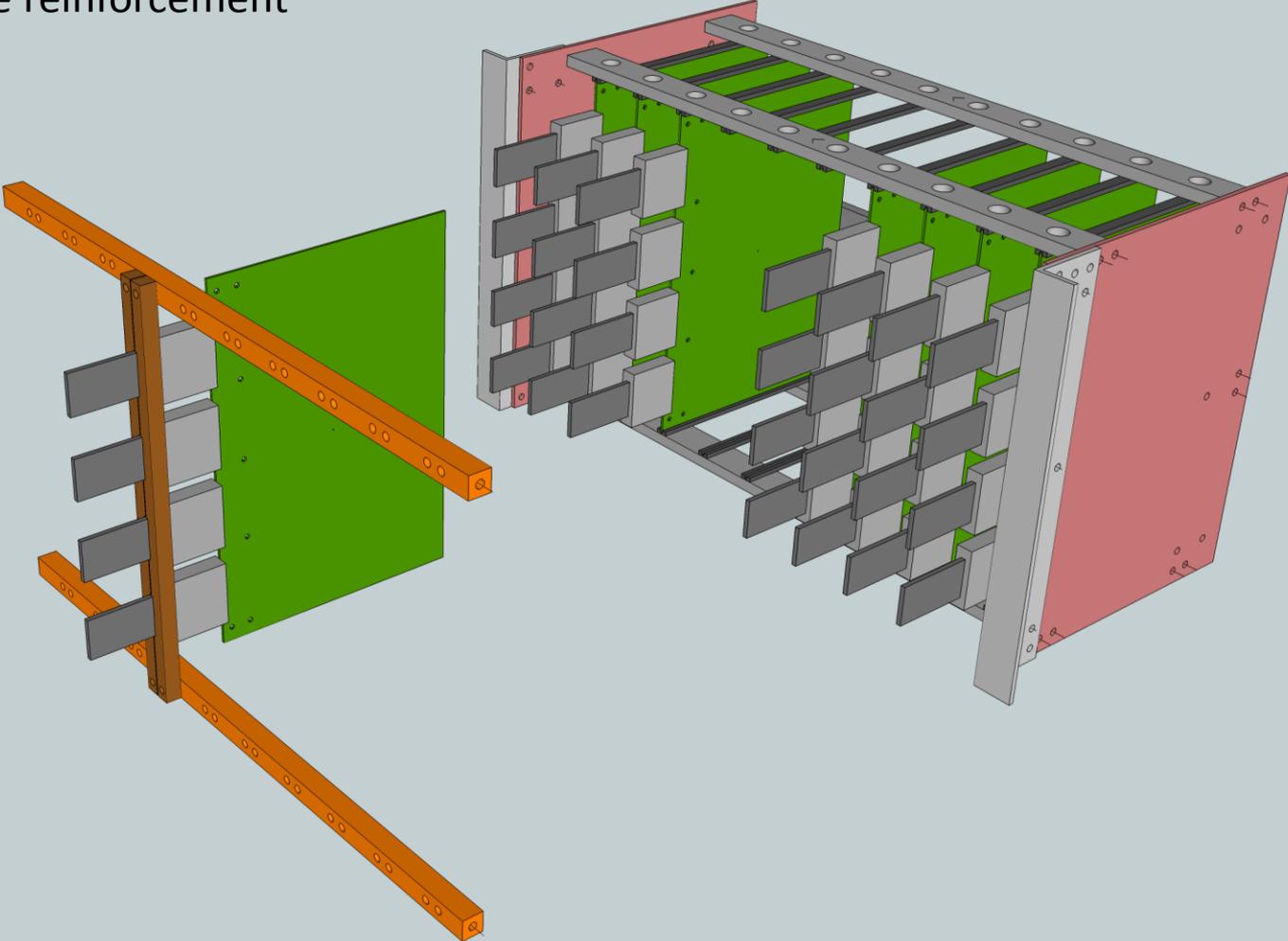


D2S-64 card file.

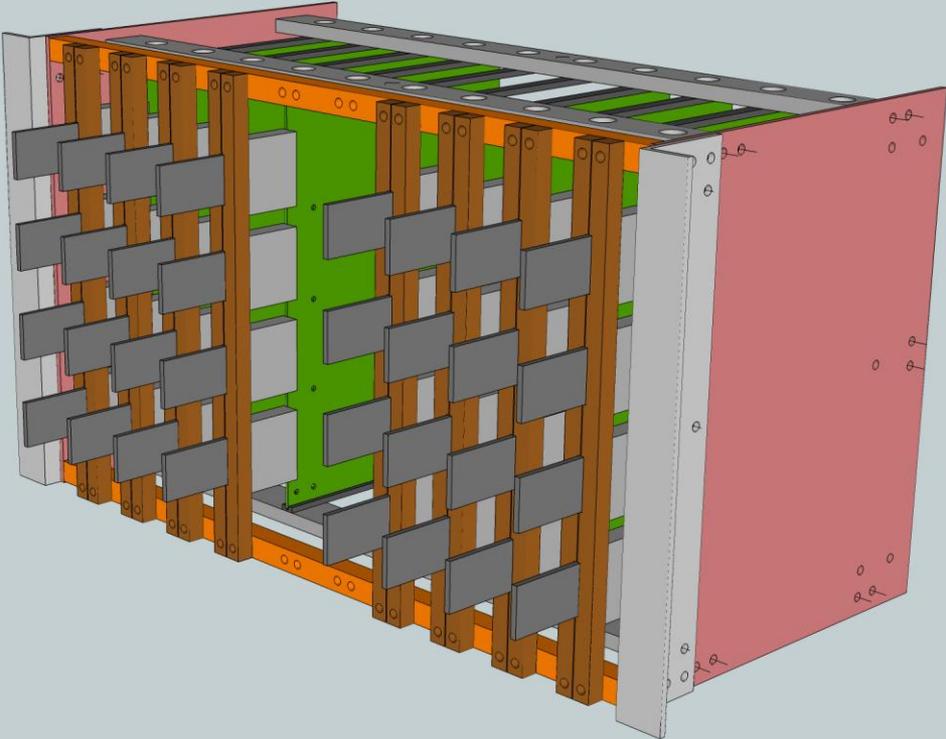
Fits 19" rack above CAEN digitizers.

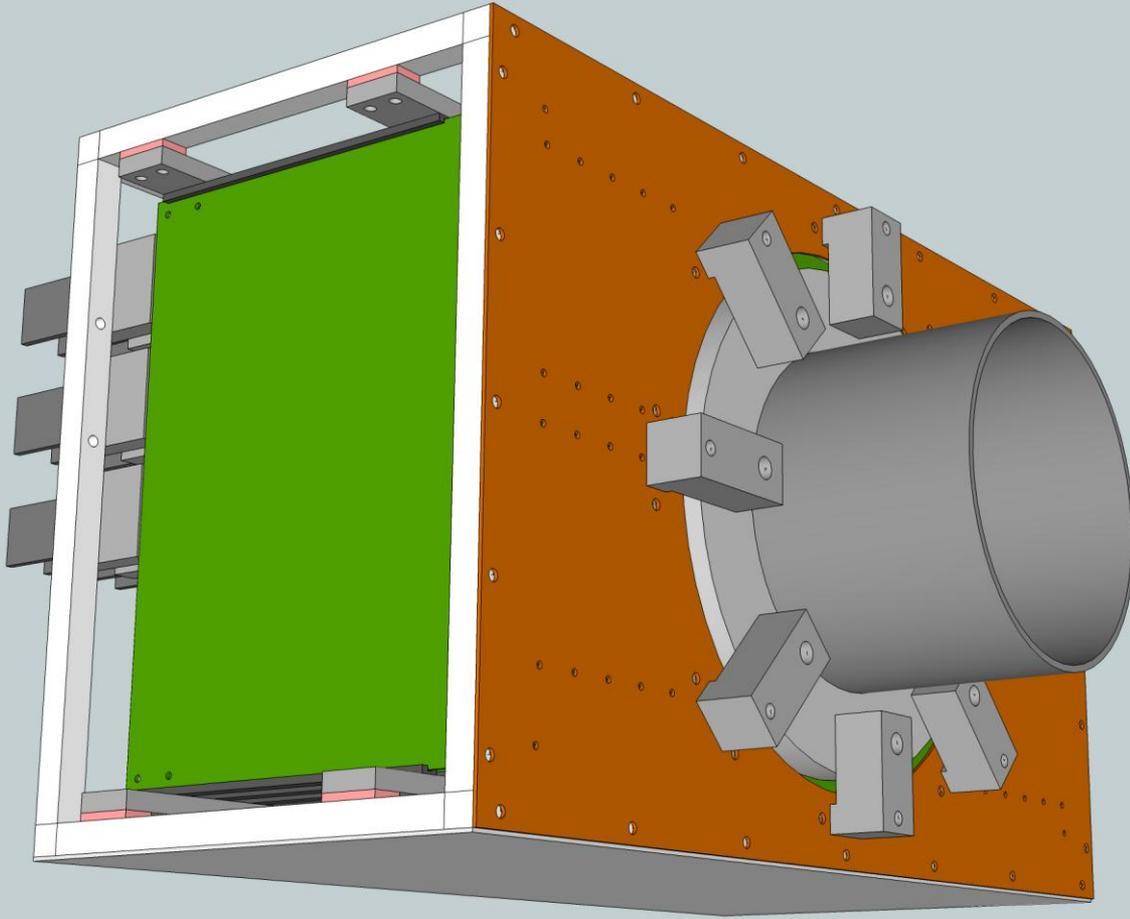
Can be mounted in reverse orientation (in case of cable routing difficulties).

D2S-64 signal cable reinforcement

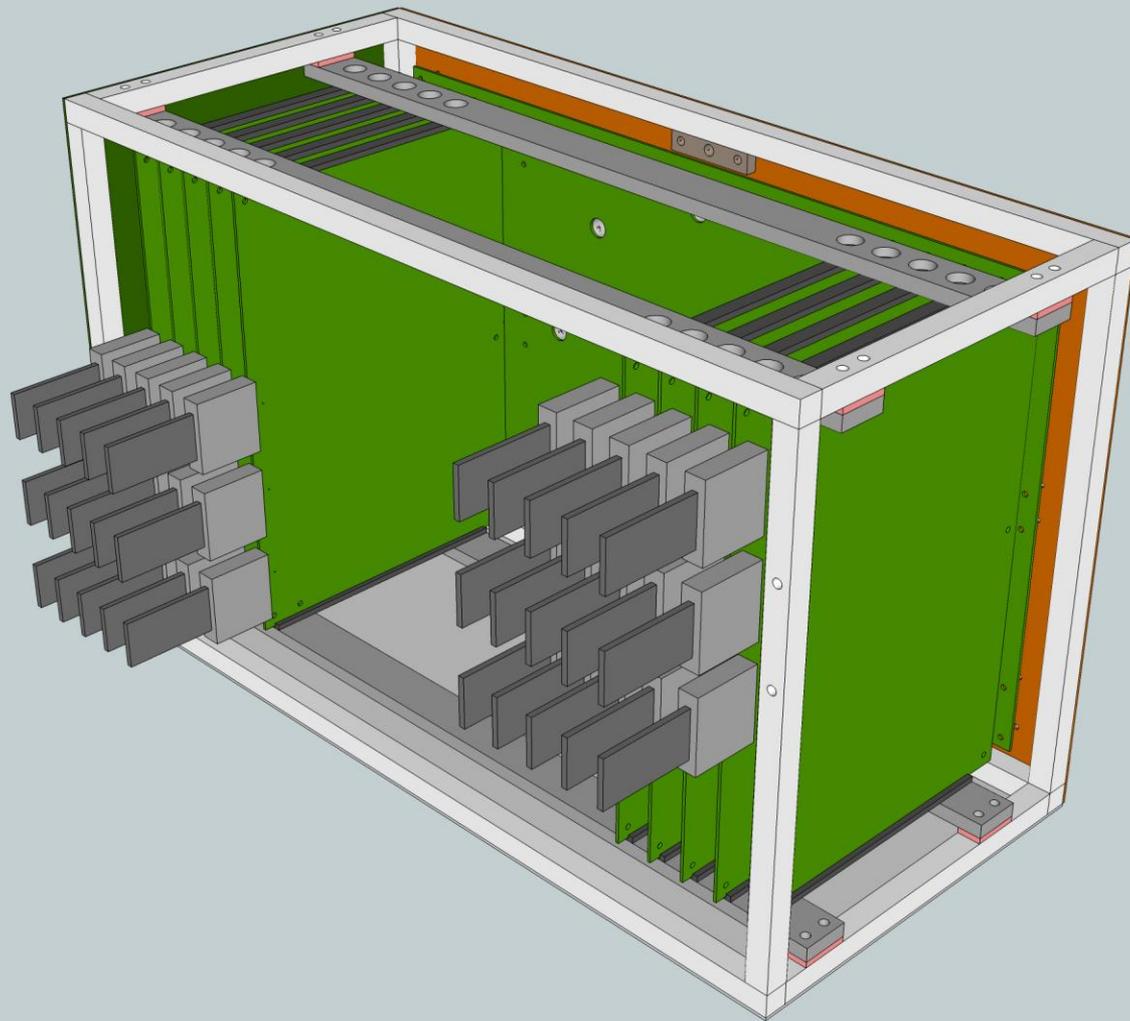


D2S-64 signal cable reinforcement full assembly

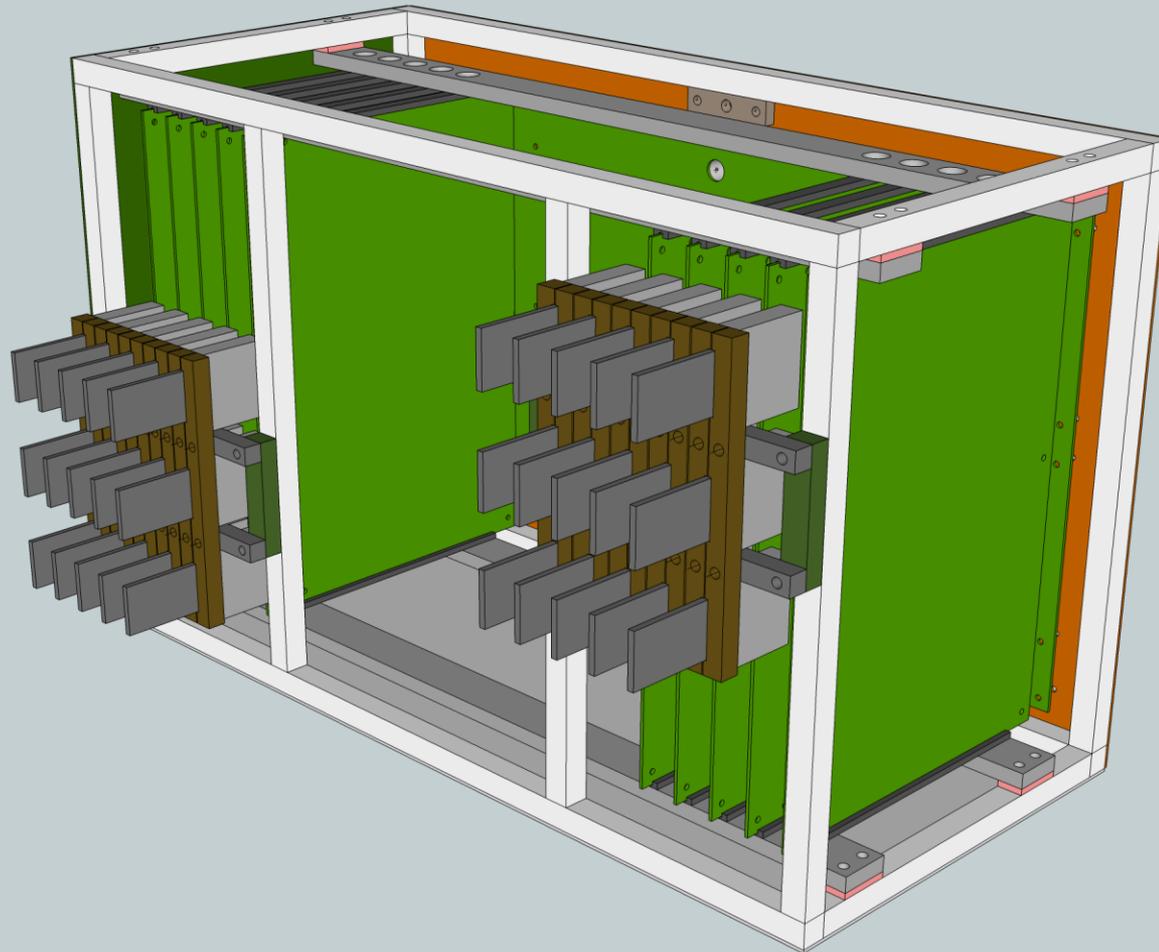




WRD-48 card file rear view showing flange mount to cryostat.



WRD-48 card file front view.



WRD-48 card file front view showing strain relief system.