

16 modules upstream and 16 modules downstream of cryostat



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Trigger signals: 16 1.6×1.6m pixels upstream and downstream. Trigger signal for each module requires muon-like double of strips hit.

Downstream modules at back wall

CRT Installation Locations:

Mounting of Upstream Modules



Friction Clamp Module Mounting Scheme



Full Prototype Built in Chicago





7 June 2018

All frames constructed



Ready for module assembly on frames



Next steps

- Waiting for crate that has been stuck in Lyon since May 30 (includes foam, PMT attachment hardware, frame mounting fixtures, etc.)
- Load test of frame with final attachment fixtures
- Install modules on frames and install downstream and upstream modules, in that order
- We need to confirm installation sequence (see next slide)
- Note that modules will be fully cabled before mounting (see Camillo's talk)
- Each frame should take < 1 day to complete, depending on crane access.

Current understanding (facing downstream)



Comments

- Do we need to consider temporary (vertical) storage of completed frames?
- Extra floor space in trench could allow us to complete two frames at a time, and might simplify final installation work.