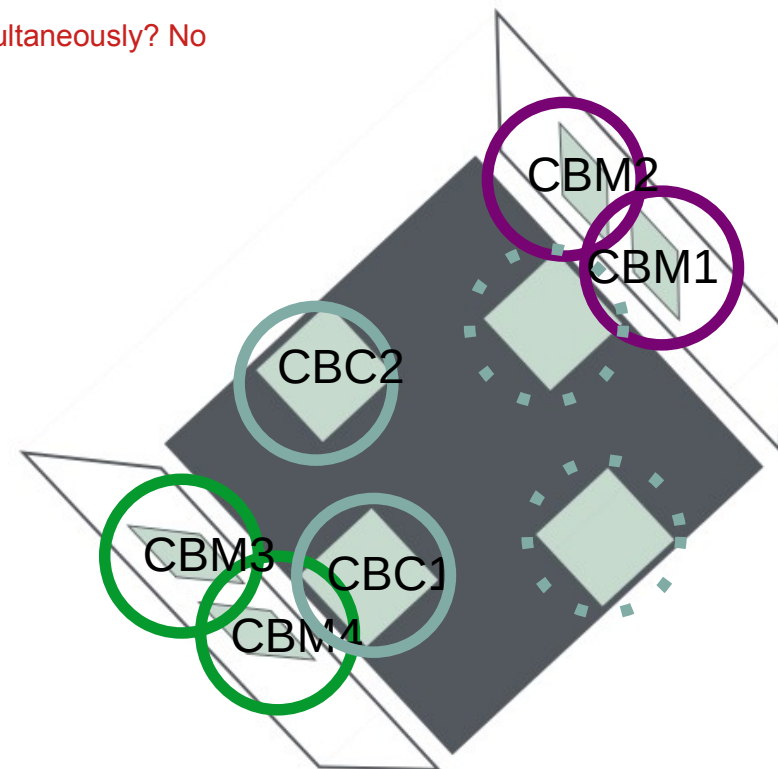


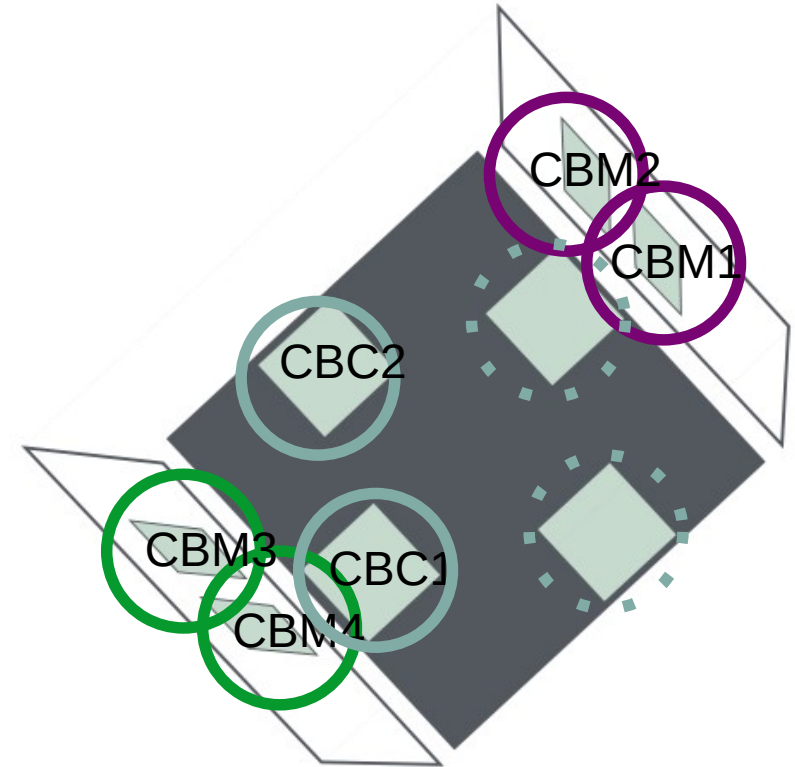
Module Assembly Plan

- **NP02 new schedule: LAr transfer 25/11 → when should we close?**
 - **Reminder: NP02 fill means 2 weeks of restricted access (and maybe CB can't fill simultaneously? No mention of this from Filippo). Access for LED calib reduced if using SSP.**
- **HPK membrane: assembly on-going or done? Test?**
 - Ready first → use mounting frame and blue cables in place
 - CBM1:
 - 8 flexis from Module1
 - all other components from Module1 in hand (CBC3 frame + new WLS)→ done
 - CBM2:
 - 4 new flexis+4 Fermilab,
 - all other components from M1 (to be done)
 - Testing + installation next week? **Or waiting for new DVDMs?** (Oct 28?)
- **FBK membrane: waiting for new FBK early November. Quantity: 12 or 16?**
 - New frames delivery by ~25/10
 - WLS: delivery date not confirmed, option to use w/dimples
 - New cables at NIU, delivery with frames?
 - New blue cables in production? Delivery with frames?
 - New membrane support in production, delivery?
 - **Assembly and testing could happen week of Nov 11th if flexis arrive, if not use M0 ones.**



Module Assembly Plan

- **FBK cathode:** build at least 2, maybe 4 for PNS?
 - Start assembly now (most components in hand)
 - C1:
 - 8 M1 FBK,
 - Frame, WLS, etc from CBC1
 - C2:
 - 8 new FBK flexis
 - Frame WLS etc from CB??
 - Electronics:
 - DCDC?
 - PoF in hand, SoF too
 - Eboxes: 2, potentially... early November?
 - Need boxes to finalize assembly and test
 - Target week of Nov 4th for testing and installation in cathode?
 - Fiber routing and meshes in cathode → could be started (mesh in IJCLab's box)
 - Options:
 - Not wait for new boxes → earlier assembly and testing
 - Assembly of 2 extra modules with “old components” now?



Mon		Tues		Wed		Thu		Fri		Sat		Sun	
43	21 October	22	23	24	25 Assembly of 2 HPK modules almost done 1 tested, 1 with one channel broken 1 cathode module assembled	26	27 Daylight Saving Time ends						
44	28 Cathode and flange works (fibers, mesh, D15 grounds) Assembly of 2 cathode FBK modules + repair 1 HPK module. Test of HPK + 1 cathode w/ old eBox Potential 1 extra cathode module	29	30	31	November All Saints' Day	2	3						
45	4 Maybe new DVDM	5 New SiPM cables 2 frames New support components Blue cables Membrane support	6 One shipment from CSU FBK flexis WLS	7 Carla travels ZAOTx16	8	9	10	Test of cathode → 2 to 4 modules (after new material arrives)					
46	11 Armistice Day 2xLMH SoF (with Sabrina)	12	13 PMT installation in ProtoDUNE	14	15	16	17	Assembly+ test of membrane FBK modules – installation in CB of all membrane modules					
47	18 ProtoDUNE flange closing	19	20	21	22 CLOSE	23	24 +2 frames 2 eBoxes						