

Panel No	Plane No	Cleaned/ Prepped	Air test	Blocked straws	Missing wires	Missing wires confirmed	PFN & epoxy	DMB Id	ear install
MM105	4	✓	✓				✓		gas ✓ leak ✓ clean ✓ test ✓
Repairs	ear flooded • removed from plane 4 due to flooding seam leak DMB connector holes cleared • externally flooded LHS, PIR flooded both sides, 2/9/22 RTV leaky PFN under DMB • internally flooded (9495) cleaned 19, 48, 13, 41, 49, added Ω pieces back on • open vector repair HV side: 6, 72 Panel CAL side: 2								Prep finished-✓
HV issues	wire 2, 72 no HV at cal side, $R_{cal} = \infty$ • HV test ① wire high current 19, 48, 13, 41, 49 • gas test ② wire 72 anode pin missing 72, C • FeSS test ③ no param act test After 1st repaired wire high current: 2, 13, 19, 41, 48,								pre assy ✓ gas leak test ✓ → passed LT • post repair
Notes	Epoxy in DMB connector - cleared • Leaking from PFN #6 Air tested & 5 mil kapton gap check @ DMB conns - good PFN ✓ = OK Plane 1 Reconstructed 7/17/24								
2-8-22 RW: LEAK PFN 00 M20 LEFT UNDER DMB #6 Replaced panel 71 in plane 4 1 → PFN #6 at 2.5 turns Layer lock (20 sec) straw to PIR Straw 94, Left side toward long straws Confirmed with Alcohol 3/4/24									