

Tracking

eRD108 (MPGD)

- Complete beam test validation of cylindrical mRWELL with prototype [September 2023]
- Complete validation of use of light-weight cylindrical Micromegas with 2D readout patterns as derived from the earlier used cylindrical technology [December 2024?]

eRD104 (Service Reduction)

- Develop powering scheme based on serial powering to mitigate service space needs of DC-DC scheme. [December 2023]
- Evaluate radiation tolerant FPGAs and high-speed fiber optic transmission option with beam test. Complete prototype multiplexing firmware. [December 2024]

eRD111 (Si Tracker)

- Report completed on barrel and disc cooling options, allowing cooling choice [December 2023]
- R&D completed for stitching of sensors [September 2024]

eRD113 (Si Sensors/ITS3)

- End-of-R&D Milestone: EIC vertex sensor quantification finalized [September 2026]
(Note: link in P6 to EIC large area sensor production start [February 2027])

