

Abstract Submitted
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Service cylinder electronics for the CMS Forward Pixel Phase 1 Upgrade SULEYMAN DURGUT, Univ of Iowa, CMS COLLABORATION — The Phase 1 upgrade of the CMS forward pixel detector includes three disks on each side of the interaction point containing a total of 672 modules for a total of about 45 million pixels. A description will be given of the readout, powering, and control chain electronics that are located in the service cylinders outside of the acceptance of the CMS tracker. The status of the production of all the electronics components of the forward pixel service cylinders will be discussed along with the description of the tests performed for quality assurance purposes.

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