MDT Faraday Cage
EIL Chamber - Introduction

Differences from Barrel Design

Trapezoidal Geometry -> Stepped Tube Lengths
  Faraday cage geometry more complex
  PC board designs not affected
  Gas distribution plumbing geometry more complicated

Gas Manifold on outside vs inside
  Faraday cage smaller -> complicates inside cabling

Detail Views

Exploded View
3D Model Views
On-Chamber Gas Distribution

Summary and Open Issues
EIL 1 FARADAY CAGE
INTERNAL TOP VIEW

6/9/99 BMC / KDM
MDT Faraday Cage
Summary - Endcap Chambers

Design Status

Electronics Components all identical to barrel chambers
Faraday Cage itself
On-chamber Gas Distribution

Open Issues

Mechanical Details of Faraday Cage - fasteners, etc