Cryogenic Instrumentation provided by I&I

Filippo’s talk at the I&I cost review is at:

<https://edms.cern.ch/document/2330513>

This gives a good summary of the infrastructure and plans.

The information for what is planned for the infrastructure on the top of the cryostat is found In the BOEs at:

<https://edms.cern.ch/project/CERN-0000199541>

The most relevant BOEs are listed below.

Gas Analyzers

<https://edms.cern.ch/document/2215532>

O2 trace analyzers

<https://edms.cern.ch/document/2215535>

Helium leak detector

<https://edms.cern.ch/document/2220602>

O2 ppm analyzers

<https://edms.cern.ch/document/2324618>

The O2 trace analyzers are the servomex O2 trace analyzers.

The O2 PPM analyzers are a network of Purer analyzers designed to continuously monitor and provide alarms for the roof of the cryostat and gas system.