

SVT – “built-in calibration systems/tools”

Final alignment is currently thought to be achieved in software with particle tracks; the needed conditions and sample size remain to be determined,

Structures and CMM metrology during construction will provide mechanical alignment / starting point for software alignment,

Mechanical surveying points on the main structures in locations, such that they will be visible, are to be worked out,

Installation will undoubtedly require external tools, e.g. cameras,

Sensor internal test features will likely be part of slow-control,

Temperature, flow, pressure, voltage, current and other sensors for monitoring and interlocks,

“Special runs” – probably out of scope here, but may put demands on DAQ

Quite early for this discussion – the above is merely today’s snapshot.