

CSC

This page collects information about the SLAC involvement in the read-out of the Cathode Strip Chambers, which is one of ATLAS's four muon systems and designed to provide precision measurements in the forward region. *This page is not updated since mid 2014* with the latest info now hosted on the [NRC Twiki at CERN](#).

Documentation

[NRC \(New ROD Complex\) Twiki](#)

- [Collection of original CSC ROD Documents](#)
- [CSC Pulser document \(pdf\)](#)
- [NRC \(New ROD Complex\) Twiki](#)
- [RCE development Lab Twiki at CERN](#)
- [TDAQ Testbed in Building 4](#)
- [NRC Early Development working info](#)

Commissioning

[New CSC Readout meetings during LS1 \(including M-weeks prep daily meeting\)](#)

- [CSC Readout at M7 milestone run weeks, Nov/24-Dec/5, 2014](#)
- [CSC Readout at M6 milestone run week , Oct/12-17, 2014](#)
- [CSC Readout at M5 milestone run week , Sep/8-12, 2014](#)
- [CSC Readout Commissioning week, Sep/1-7, 2014 \(C3\)](#)
- [CSC Readout Commissioning Week July 2014 \(C2\)](#)
- [CSC Readout Commissioning Week June 2014 \(C1\)](#)

Workshops and Reviews

- [CSC Readout Replacement Conceptual Design Review \(Oct/2012\)](#)
- [NRC design working meeting \(CERN, Jan/2013\)](#)
- [Initial Gen-III RCE training workshop \(May/02/2014\)](#)
- [CSC Readout Production Readiness Review \(Nov/18/2014\)](#)

Record of some operation issues in April/2011

Date	Time	Run	E-log	Description
26/4/11	00:30	188242	144015	CSC link lock failed for CSC EC sectors 2,12 in run 188242
23/4/11	12:08		143395	Replaced SPU B0 in ROD slot A06: fixes data integrity for Sector A02 Layer 1
21/4/11	21:03	180124	142983	CSC related DAQ (monitoring) issues (CSC ADC time spikes and fit fail flag not propagating upwards ?)
20/4/11	18:41		142743	high rate test of CSC DPU code modification
18/4/11	12:41		142255	Change in OKS database (CSC main controlled moved from private machine to online machine)
13/4/11	19:08		141017	CSC high rate test (busy 4.5% @ 75Khz after initial confusion of a hot channel)
5/4/11	17:18	178992	139735 , 139748	CSC errors during run 178992
1/4/11	7:59		139093 , 139165	OHP (large fraction of bad data - due to A01-02 losing HV)

[ROD Software and firmware releases](#)