

External Audit of the LHC Beam Loss Monitoring System

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Monday 8 November 2010 09:00 (20 minutes)

Welcome note and introduction of the BLM team to the auditors

Presenter: Dr JONES, Rhodri (CERN)

Contribution ID: 1

Type: **not specified**

The LHC Beam Loss Monitoring System

Monday 8 November 2010 09:20 (25 minutes)

Global overview of the LHC BLM system, criticality and requirements.

Presenter: DEHNING, Bernd (CERN)

Contribution ID: 2

Type: **not specified**

BLM tunnel installation and data acquisition card (BLECF)

Monday 8 November 2010 10:00 (40 minutes)

Description of the BLM tunnel installation and data acquisition system developed.

Presenter: EFFINGER, Ewald (CERN)

Contribution ID: 3

Type: **not specified**

The Beam Loss Threshold Comparators card (BLETC)

Monday 8 November 2010 10:40 (40 minutes)

Description of the communication links, real-time analysis and decision system, driving of parameters and the surface installation.

Presenter: Dr ZAMANTZAS, Christos (CERN)

Contribution ID: 4

Type: **not specified**

The Beam Loss Combiner and Survey card (BLECS)

Monday 8 November 2010 11:20 (40 minutes)

Description of the beam dump request combiner module, system statuses monitoring and the automatic connection check.

Presenter: EMERY, Jonathan (CERN)