

US LHC Accelerator Project	Baseline Change Request
BCR Number	9
WBS	1.1.4
Title	Absorber Instrumentation Conceptual Design Review
Change Control Level	3
Originator	W. Turner
Date	26 Feb 1999

Description of change

Change the date for milestone number 3-1.1.4-4 “Instrumentation Conceptual Design Review” from 1 Mar. 1999 to 1 November 1999. The scope of the review will now include a proposed concept for more extensive instrumentation in the TAN and TAS interaction region absorbers.

Reason for change

Originally the review of the TAN absorber instrumentation was to be conducted at the same time as the general Conceptual Design Review (CDR) for the TAN and TAS interaction region absorbers. However since the US-LHC Project Baseline was developed new ideas have emerged which include instrumentation in both the TAN and TAS and we believe that the CDRs of the absorbers and instrumentation should be conducted separately. Since the design of the TAN and TAS absorbers is relatively more mature than the design of the instrumentation, the instrumentation CDR should be conducted after the 2 Mar. 1999 absorber CDR. The design details of the instrumentation and absorbers have relatively little interaction.

Impact on other sub-systems

None.

Impact on cost

None. While an enhanced instrumentation scheme may have a cost impact, a eight month delay in conducting the CDR does not. A separate BCR will be submitted to deal with the cost impact.

Impact on schedule

None. The original instrumentation work scope is not on the critical path and would not be adversely affected by completing the CDR four months later. The schedule required for carrying out the enhanced instrumentation scheme is not yet determined, but would certainly be a subject for review at the CDR.

Other impacts (ES&H, etc.)

None

Change Control Board recommendation (if required)

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Approvals

William C. Turner
W. Turner, WBS Level 3 Manager

26 Feb. 1999
Date

William C. Turner
W. Turner, Laboratory Project Manager

26 Feb. 1999
Date

J. Strait
J. Strait, Change Control Board Chair

26 March 99
Date

J. Strait
J. Strait, US LHC Accelerator Project Manager

26 March 99
Date

J. Yeck
J. Yeck, DOE LHC Project Manager

26 Mar 99
Date

Not Required
Director, DOE Division of High Energy Physics

Date