

## GridPP Deliverable Change Request

Experiment or Work area: UKQCD

Date: 25/JUL/05

Action requested: Replace Deliverable by Name: Richard Kenway

Deliverable Number (x.y.z) WP3.5 and WP3.6

Please specify changes to the deliverable if appropriate:

We would like to replace WP3.5 and WP3.6 with a new work package WP1.7 "Training for QCDgrid Users". The new work package would have a duration of 1.5 months, corresponding to the effort recovered by the removal of WP3.5 and WP3.6.

We would also wish to increase the effort available in WP1.5, by two months, to 5.3 months. We intend that this additional effort would be allocated from the 11 month surplus that has been recovered from the first QCDgrid project (reported to Dave Britton on 17th March 2005).

Please explain the reasons why the change is necessary:

The growth in the user community of the UKQCD Grid--at the time of writing, UKQCD Grid has 29 active user accounts registered--has made it realistic and appropriate to provide face-to-face training on the use of the QCDgrid software. To this end, the project team contributed training material to and significant co-ordination of the UKQCD HackLatt 2005 workshop (April 2005). This contribution consumed 1.5 months of project effort that we request to attribute to a new work package WP1.7.

At the same time, based on our collaboration with the ILDG, we anticipate that web service development in Work Packages 3 and 4 are likely to be more closely bound together than originally anticipated. Because of this, it is more appropriate for the project to develop a single demonstration client application (in WP4.5 and WP4.6), making the demonstration client planned for WP3.5 and WP3.6 redundant.

The high usage of the UKQCD Grid has also put a strain on the original provision for maintenance and support within the project plan (3.3 months allocated in WP1.5). At the time of writing, the project has expended 2.1 months on maintenance and support. By extrapolating this rate of effort, we anticipate that approximately 5.5 months of effort will be required over the lifetime of the project. To this end, we would like to increase the effort allocated to WP1.5 by 2 months,

Please comment on whether this change effects other deliverables or significantly changes the scope of the project:

The new work package WP1.5 would push back the end date for subsequent deliverables from WP2 and WP3 (up to WP3.7) by two project months. The revised delivery dates, for the affected work packages, does not create conflicts within the project work plan: nor does it affect our contributions to the ILDG.

The re-allocation of two months from QCDgrid Part 1 leaves 9 months of effort available for the upgrade of the QCDgrid middleware and other third-party dependencies. The project team are happy that the remaining effort is sufficient to complete the upgrade work that is required.

The client functionality that the project team intended to demonstrate in WP3 can be incorporated into the demonstration client produced for WP4.