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Date: 3 December 2015

# MEMORANDUM

**From** : E. Chudakov  
**To** : P. Rossi  
**Subject** : Request to permit beam operations in Hall D in Dec 2015  
**Copies** : J. Gomez, E. Smith, A. Deur, B. Zihlmann

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Dear Patrizia,

I am asking for permission for beam operations in Hall D accordingly to the accelerator schedule for Dec 2015. The current expectation is to have beam on Dec 10-20.

We have the required set of documents: COO, ESAD, RSAD and ERG, available at [https://halldweb.jlab.org/hdops/wiki/index.php/Training\\_and\\_Documentation\\_Shift](https://halldweb.jlab.org/hdops/wiki/index.php/Training_and_Documentation_Shift), in order to run the experiment efficiently and safely. There are no changes in the COO, ESAD, and ERG documents since the previous run. The RadCon group is working on the updated RSAD. The planned running conditions are similar to those from the previous run, as far as the generated radiation is concerned.

The required personnel has been assigned:

- Run coordinator: Alexandre Deur.
- Run coordinator backup: David Lawrence.
- Physics Division Liaison: Beni Zihlmann.

The purpose of the run is to:

- Commission the 12 GeV beam in the Tagger Hall (Accelerator).
- Commission the Fast Feedback System for beam steering (Accelerator and Hall D).
- Continue commissioning the Hall D equipment: tagger hodoscopes, Pair Spectrometer, Trigger, and DAQ.

A part of the Hall D equipment will not be used:

- The Superconducting Solenoid will be in the process of cool down.
- The LH target will be empty. We will use a 1 cm thick plastic piece instead.
- The diamond radiators and the goniometer will not be used.
- Since the Solenoid will be off, the Forward Drift Chambers will be off for most of the time, to avoid trips and aging.

continue the commissioning of the Hall D setup. The run plan is available at: [https://halldweb.jlab.org/hdops/wiki/index.php/Fall\\_2015\\_Commissioning\\_Plan](https://halldweb.jlab.org/hdops/wiki/index.php/Fall_2015_Commissioning_Plan).

During this run the priority should be given to the work on the Fast Feedback System (Accelerator). The work on the Solenoid may require access to the Hall from time to time. This will be coordinated with the accelerator needs.