

## HDice Controls Meeting Minutes

1/19/2016

Present: Armit Yegneswaran, Peter Bonneau, Mary Ann Antonioli, Amanda Hoebel, Tyler Lemon.

- **Hardware Status**

- RF Cable

- The cable adapters have arrived.
    - Mindy is working on the fabrication of the 8 test cables for inter-rack connections.

- RF Switching/Attenuation Unit

- Component analysis has been completed on the current design.
    - Some key components have had significant price increases
      - Programmable attenuators increased from \$679 to \$1190 (two per unit)
      - Several components have been discontinued.
        - An internal power supply and the front panel display unit were discontinued.
        - Discontinued parts have been researched and suitable equivalent replacements have been found.
      - Due to price increases, the unit cost is ~ 5.5K.
    - Will use the new RF cable and mating connectors for the internal connections to the programmable attenuators, splitters, high power terminator and front / rear panel connectors.
      - Need (5) "N" panel mount to SMA connector cables
      - Need (5) SMA to SMA cables

- Should DSG put in the PR for the new RF Switching/Attenuation unit?

- Next meeting:

This year, due to the amount of work that needs to be completed for the Hall B 12GeV program, HDice Controls meeting will be scheduled by DSG on an as-needed basis.