

# ToroidMeeting-February-14-07

## Toroid Electronics Meeting Minutes

February 14, 2007

### Calibration and Toroid Testing

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#### Contents

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#### Attendees:

John Dusatko	Mike Browne	Michael Cecere
Hamid Shoaee	Stephen Norum	

#### Agenda:

1. Calibration Results (ongoing)
2. Cable Delay Timing
3. Sequence Timing
4. SRS to DAC Calibration
5. MPS Signal Generation
6. Production Toroid Measurements

#### Presentation Materials:

[PPT for meeting, February 14, 2007, M. Cecere](#) 

[First Production Toroid Testing.DOC, M. Cecere](#) 

#### Minutes:

- Circuit Discussion
  - Add "I'm Alive" 24VDC output to MPS active high
  - Increase MPS 24V pull-ups to 3K?
  - Update ICD
  - Test Ext Trig Inputs for data (DAC) update rate
  - Rework 2nd board, record rework instructions, start 3rd board rework
- Rack Install
  - get two boxes ready, one for Sheng, one for testing
  - When will rack cables be here?
- Production Toroid Characterization
  - tested 9 toroids
  - 2 of the 3 large bore toroids are shorted internally.
  - others measure good
  - in vacuum/bake out now

#### Action Items:

1. **M. Cecere:** Add MPS "I'm Alive" bit
2. **M. Cecere:** External Trigger testing, both Cal and Norm
3. **M. Cecere:** Start Second box assembly
4. **M. Cecere:** Rework second board and record rework instructions
5. **M. Cecere:** When will rack cables be here?