

Moderator: Brian Cartwright

Minutes: Shea Morrison

- Updates from Teams
 - Stator Design
 - Mechanical
 - Keyway code completed
 - Needs to be integrated with Fatigue model
 - Dr. Stephens verified our methods
 - Stainless steel ball bearings in Lazy Susan
 - List of tools completed for IRIC – checking with David
 - Talked to Dan Schnider about baffle – only 3D printed one, which would swell with water. Therefore have to make our own out of stainless steel.
 - Electrical
 - Troubleshooting Torque Model, currently getting a 0 MMF total
 - MathCAD development completed, noticed a small error in Current Function that needs to be changed (remainder of 1 or 0 instead of 5 or 0)
 - Changed issues in Bridget's Model. Make sure to justify how issues are being fixed. Don't just say "as to be expected"
 - Control Team
 - Controls
 - Going to test uploading example code to MCU
 - Need a type A&B USB cord
 - Test stabilizations bearing and active bearing – next steps
 - Need to do inventory in order to put it all together
- Updates from Mentors
 - Justin
 - Record magnitude of B field in airgap in order to proportion it to torque of machine
 - David
 - Talking to IRIC facilities to see how much it would cost for building modifications
- Updates from Senior Design
 - Expo registration (relevant class is this Tuesday 2/28/17)
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- Updates from Tasks Report Meeting
 - Cade's working on mounting the sensors
- Next Meeting
 - Moderator: Shea Morrison
 - Minutes: Ian Tanimoto
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- Adjourn