

## WEEKLY REPORT

Group name : MAY14-09	Date: 9/27/2013
Client/Advisor: Iowa State University Magstim Company LLC. David Jiles, Ravi Hadimani	
Attendees/Role: Ann, Zhen Xu, Jikang Qu, Chris Jialue Fang, Yiwen Meng	

### ACCOMPLISHMENTS FOR PAST WEEK

WHAT	WHO	WHEN
We had a meeting with our advisor Ravi and the graduate student Spencer. Spencer share his experience about this project before and give us some suggestions. We also discussed the timeline of the project.	All	9/27/2013 3-4pm
Suggestions: Introduced coil they made before Introduced their time management Ë separate into 3 team: program, coil, and helmet (Boyd lab Hoover Hall) Medical standard Come up with a new design: laser positioning /sonar positioning Create GUI for the helmet movement.	All	9/27/2013 3-4pm

### PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Everyone will pay attention to their own tasks.	All	Next week
For software, we have learned how to use SEMCAD and COMSOL. We will begin simulating the electric field and the magnetic field which the halo coil in different position affects	Jikang Qu Yiwen Meng	Next week
Pay attention to learn how to use the 3D printer and Focus on programming by GUI.	Ann, Jia lue Fang, Zhen Xu	Next week

### PENDING ISSUE

ISSUE	RESPONSIBILITY
We will keep contact with advisor Ravi every week and he will help us solve some problems we might meet.	Yiwen Meng will communicate with advisor Ravi and determine the time of meeting.
When we are familiar with two softwares and 3D printer, we can substantially work step by step.	Everyone should try his best to figure out how to finish own task.

The final goal is that we will test that how this coil stimulates the appropriate regions of the brain.

All members will do it together.

**INDIVIDUAL HOURLY CONTRIBUTION**

<b><u>NAME</u></b>	<b><u>HOURS</u></b>
Zhen Xu	6
Jikang Qu	6
Yiwen Meng	6
Ann	6
Chris	6