

Semester grade for 2.ThG

• Section to be filled in by student prior to meeting with advisor

Student Name: Christopher Dorian

Advisor Name: Dr. Mike Jakubny / Dr. Erin Fischell

Semester: SP 20 Semester# (since admittance to graduate program): 6

Degree: (circle one) MS / PhD

Thesis Topic: Local current field estimation using AUV and extended Kalman filtering

• Section to be filled in by advisor

Progress

	S	NI	NA	Comments (if any)
Research progress	<u>Y</u>			
Progress in classes			<u>Y</u>	
Motivation	<u>Y</u>			
Independence	<u>Y</u>			
Effort	<u>Y</u>			
Written communication	<u>Y</u>			
Oral communication	<u>Y</u>			

S=Satisfactory, NI=Needs Improvement, NA= Not applicable

Grade for semester: (circle one) J (satisfactory) / U (unsatisfactory)

Other Notes:

Michael 2020.05.27

AKL 6/1/20

Advisor's Signature / date

Statement by student: I have read and understood the written and oral comments on my performance offered by my advisor.

Christopher Dorian 6/1/20

Student's signature / date

Form to be completed by student prior to meeting with advisor

1. Indicate concisely (in bullet form) what you consider to be your major accomplishments in research during the past semester.

- completed design and testing of filter for simulation to include spatial bias correction
- adapted filter construction to process field data
- commenced thesis writing

2. Indicate briefly (in bullet form) your research goals for next semester/summer.

- complete field data analysis
- obtain additional field data if feasible
- complete thesis

3. List your research presentations/seminars at professional technical meetings during the past semester [title, organization, date; contributed/invited].

None. Paper submitted to ISA was accepted for spring 2020 conference, but was rescheduled due to COVID-19.

4. List your research papers published in (or submitted to) archival technical journals during the past semester. [title, journal, and date].

Single-hydrophone range and bearing source-relative localization with data synchronization, JATSA

5. List your Patents and Patent Applications Pending during the past semester.

None.

6. **Optional:** List any unusual personal circumstances that your Advisor and the Department should be aware of.