

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
PhD Comprehensive Exam and Thesis Proposal Defense

CANDIDATE: Iain Martin

DATE: Friday, August 14, 2020, 12:00 p.m. **Video Conference**

THESIS TITLE: **Development of an Anti-Sway Control System and Real-Time Operator-in-the-loop Simulator for Shipboard Cranes**

EXAMINATION BOARD:

Member of Department J. Hayes, Dept. of Mechanical & Aerospace Engineering

Member of Department R. Chhabra, Dept. of Mechanical & Aerospace Engineering

Co-Supervisor

Thesis Supervisor R. Irani, Dept. of Mechanical & Aerospace Engineering

Chair of Department R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

Dean of Faculty L. Kostiuk, Dean, Faculty of Engineering (*Ex-officio*)

Dean, Faculty of Graduate & Postdoctoral Affairs P. Smith, Dean, Faculty of Graduate Studies and Research (*Ex-officio*)

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