

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

PERFORMANCE ANALYSIS AND EVALUATION OF REDUCED-PRECISION  
COMPUTATION ON THE TENDRAL STATISTICAL INTERPOLATION SYSTEM  
(T-SIS) FOR OCEAN MODELING

By  
DANIEL VOSS

A Dissertation submitted to the  
Department of Computer Science  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2023

Daniel Voss defended this dissertation on June 29, 2023.

The members of the supervisory committee were:

Gary Tyson  
Professor Directing Dissertation

Linda DeBrunner  
University Representative

David Whalley  
Committee Member

Xin Yuan  
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.