

The Ship Structure Committee is pleased to announce the publication of two new research reports. The new reports are available on the Ship Structure Committee website: www.shipstructure.org. The new research reports are:

SSC-436/SR-1428 "Effect PF Fabrication Tolerances on Fatigue Life of Welded Joints"
(NTIS# PB2005-101516)

Project Description: This project developed procedures for tolerance data collection and analysis. It explored the implications of actual tolerances for fatigue life, and compared the results with those from standard methods using default tolerances and assumptions. A set of recommendations was developed, covering tolerance measurement techniques that could be used in future extensions of the work, and areas in which the results of this project can be used in analysis and in the development of inspection strategies.

Project Link: <http://www.shipstructure.org/pdf/436-1.pdf> (First Section)

SSC-437/SR-1426 "Modeling Longitudinal Damage in Ship Collision"
(NTIS# PB2005-101706)

Project Description: The primary objective of this project was to improve, validate and assess the simplified collision damage model, SIMCOL, to support continuing work by SNAME Ad Hoc Panel #6 and IMO working groups. This project focused on predicting the longitudinal extent of damage in cases where both ships have forward speed, and at oblique collision angles.

Project Link: <http://www.shipstructure.org/pdf/437-1.pdf> (First Section)

All SSC reports are available for download from the website under "Research Reports". All SSC reports have been indexed and are searchable. A hard copy may also be ordered from:

National Technical Information Service
Ph. (703) 605-6000 (Please provide the NTIS# when ordering)

The Ship Structure Committee (SSC) is an interagency committee that sponsors ship structure research projects. Its members include the American Bureau of Shipping (ABS), Defence Research Development Canada (Canadian National Defence), Maritime Administration (MARAD), Military Sealift Command (MSC), Naval Sea Systems Command (NAVSEA), Transport Canada, U.S. Coast Guard and the Society of Naval Architects and Marine Engineers (SNAME).

Thank you for your interest in the work of the Ship Structure Committee. Please feel free to contact me, Jeannette Delaney [JDelaney@comdt.uscg.mil], with any questions.