International Conference on Sail-Assisted Commercial Fishing Vessels: Proceedings Volume II

John W. Shortall III

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INTERNATIONAL CONFERENCE
ON
SAIL-ASSISTED COMMERCIAL FISHING VESSELS
VOLUME II
Addendum to Proceedings of a Conference
Held May 15-18, 1983
at Tarpon Springs, Florida

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FOREWORD

This publication is Volume II of the Proceedings of the International Conference on Sail-Assisted Commercial Fishing Vessels. Twenty-two of the papers were pre-published in 458 pages of Volume I which was available for the participants at the Conference. The Table of Contents of the volume is reproduced herein.

There were 162 registrants from 14 countries at the conference. That, plus the number and generally high quality of papers given attest to the interest in this field. The first paper is an attempt by this Editor to summarize the results of that Conference.

It is important to note that registrants were asked to vote for the best papers. First place went overwhelmingly to: "Investigations into the University of Southampton - an outstanding piece of research. There was a three way tie for second place: "Some Aspects of Sail Power Applications in the German Sea Fishery," by K. Lange and P. Schenzle; "Linearised Performance Analysis of Sailing and Motor Sailing Vessels," by C.J. Satchwell and J. Mays; and "Retrofit Sail-Assist on New England Fishing Vessels," by C.A. Goudey and M.M. Linskey. Vote for best student paper went to a team of student researchers at the University of South Florida, College of Engineering: "A Windmill Thruster Experiment," by J. Dunlap, D. Luke, J. Nickelsen and T. Watts. The latter paper is reproduced in Volume II. All five were sent to The Society of Naval Architects and Marine Engineers (SNAME) for consideration for republication in that organization's journals and were voted best papers of the year from SNAME's Southeast Section.

Perhaps the most exciting development of the Conference was the presentation of full scale, experimental motor sailing performance data and the analytical approach developed by Satchwell and Mays for predicting such. There is at least sound data from France, Germany, England and the U.S. with which to check such analytical performance prediction schemes. More data will be forthcoming shortly and particularly from Norway. It is sincerely hoped that someone or ones will attempt to implement the Satchwell-Mays approach and check it against these data.

In an otherwise excellent conference, only one thing bothered me as conference organizer and prompts the insertion of a disclaimer here. On at least two occasions, my sponsors or I were cited as supporting or endorsing the work of others. Neither I personally nor either of the institutions which have sponsored my work (Florida Sea Grant College and University of South Florida College of Engineering) endorse any sail-assist program, certify any economics of others or are involved in any other sail-assist venture at this time. If this changes, it will be suitably published.
Readers will note that certain papers are reproduced that were not given orally at the conference. These include: notes from the November, 1982 Sausalito Sail-Assist Workshop, thanks to the courtesy of Chris Dewees and the University of California Sea Grant Advisory Program, a review by C.A. Goudey of my paper, recent advances by the Japanese as presented in writing, a note from K. Morisseau on North Atlantic winds, a short addendum by Dick Newick, a major paper by Frank MacLear and elaboration of a refrigeratin scheme by Capt. Kinsey. John Lord and Lloyd Bergeson gave certain written information which is also produced here in lieu of a formal conference paper.

My thanks to the Conference Sponsors, to the wonderful authors, presenters and moderators, to my steering committee, to my windmill engineers who to my sadness have now graduated, to the many helpers during the conference including: Kathy Hill and Julie Glover of SAILA, Linda Roman, Sherri Elwin, David Luke and Tom Watts of the University of South Florida College of Engineering, Ann Sainsbury of Florida Institute of Technology, Frank Raczkiewicz, Michelle Collet and Irma Rubin of USF Media Relations, and Billie Lowry and Tom Leahy of Florida Sea Grant College Communications and Publications. My thanks also to Barry Duckworth and Ken Diffenderfer for shooting TV footage of all of the conference. Above all, my thanks to my wife Carole for her help during the conference and the months before and after same plus her moral support.

John W. Shortall III
Conference Organizer
Tarpon Springs, Florida
September, 1983
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