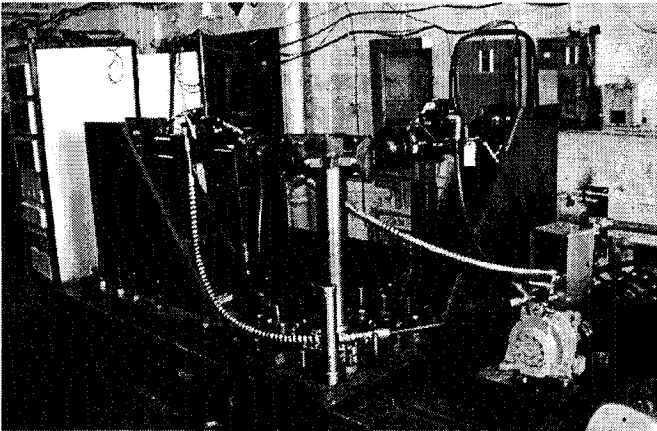
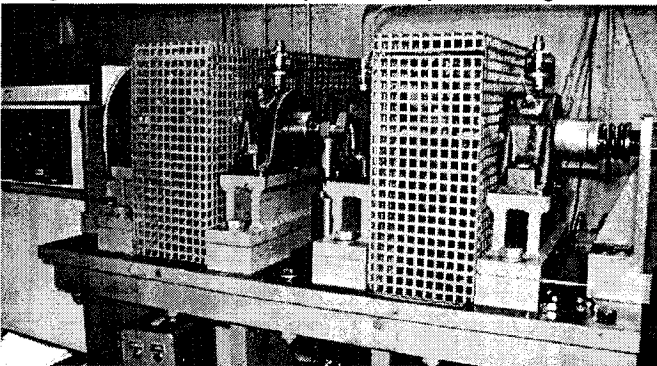


THURSDAY, MARCH 22 MEETING

TOPIC: Innovations at REXNORD TECHNICAL SERVICES



Programmable load-motion spectra aerospace bearing tester



Two axis/ two actuator test of an axle for an off-highway vehicle.

SPEAKERS: Bill Ryan, Phil Dindinger, Bill Arbiture

Rexnord Technical Services (RTSSM) develops and tests products for its parent company - Rexnord Corporation, and for a wide range of outside industrial firms. Many of the projects involve products aimed for the Off-Highway, Automotive, and Aerospace markets, traditional SAE fields of interest.

Recently, RTS has been involved in the testing of aircraft control surface bearings and in the testing of axles and other off-highway vehicle components using multi-axis computer controlled fatigue testing

techniques. They have also been working on the development of REXLON 2000, a new self-lubricating material for aerospace applications. Brief overviews of all three topics will be covered. During the laboratory tour of RTS, testing equipment and techniques used in all programs will be available and presented.

MEETING AGENDA

Meeting Location: Rexnord Technical Services - Professional Development Center, 5101 W. Beloit Road, Milwaukee, WI 53214 (www.rts-rexnord.com)

Laboratory Tour: 4:45 PM

Dinner: 6:00 PM

(Dinner will be held at Rexnord Technical Services and will be catered.)

Presentations: 7:00 PM

MENU: Grilled Rosemary Chicken Breast

Tenderloin Beef Tips Buttered Egg Noodles

Oven Browned Potatoes Green Beans Almondine

Rolls, Butter, Margarine Fresh Garden Pasta Salad

Seasonal Fresh Fruit French Cream Cherry

Cheesecake, Coffee, Soda (no beer, wine or mixed drinks). Dinner will be served buffet style

Dinner Costs: Members & Spouses: \$16.00

Guests: \$18.00

Retirees: \$14.00

Students: \$ 8.00

Registration Info:

Registrations for dinner must be made prior to NOON on Monday, March 19th by Mark DeBattista at Harley-Davidson, phone 414-616-1119 or e-mail at mark_debattista@harley-davidson.com

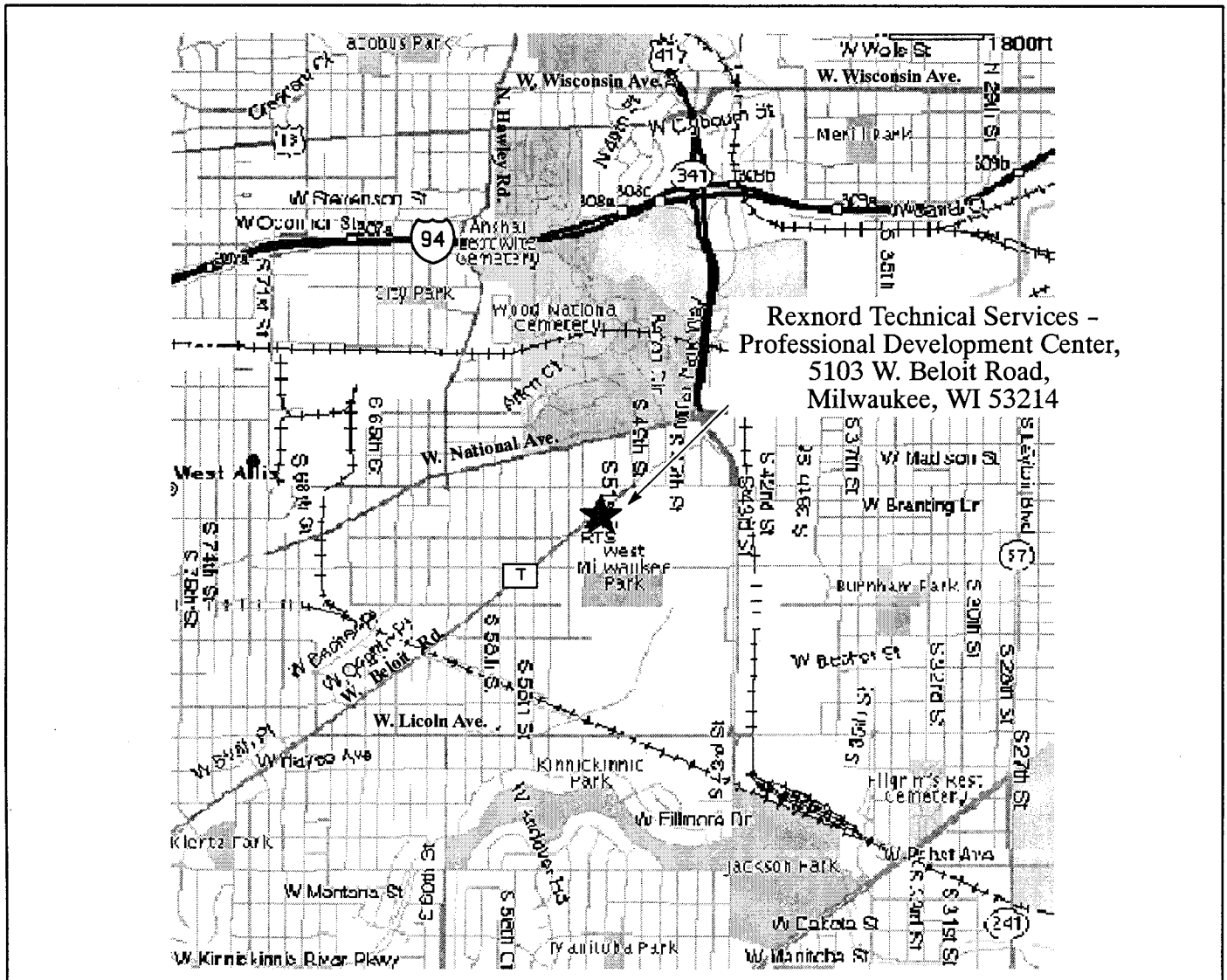
“No-shows” with reservations will be billed. Attendance during presentations only are welcome at no charge. Fifty year members are entitled to one free meal per year.

SPEAKERS' BIOGRAPHY

Bill Ryan, P.E., Managing Director of Rexnord Technical Services, has been involved in product development for 20 years, including the use of advanced quality methods to define processes and assist product evaluations. Before joining RTS, Bill spent 13 years at A.O. Smith where he participated in the development and manufacturing of several products. Bill graduated from Marquette University (1988) with an MS in Mechanical Engineering.

Phil Dindinger, P.E., Principal Engineer, has been involved in product testing at Rexnord for 31 years. Phil's primary area of specialization is the use of servohydraulic testing equipment to determine fatigue properties of both standardized test coupons and of actual components. Currently, Phil is the Chairman of the SAE Fatigue Design and Evaluation Committee, and has authored several papers and book chapters in this area. Phil received an MS in Mechanical Engineering from the University of Wisconsin in 1986.

Bill Arbiture, Principal Engineer, has been responsible for the testing and evaluation of all bearing products manufactured by Rexnord Corporation, and for testing programs directly sponsored by aerospace firms. Projects for Boeing Commercial Airplane, Boeing Military Airplane, Bell Helicopter, G.E. Aircraft Engines, and Lockheed have involved the application of complex load-motion spectra to the qualification testing of aerospace bearings. Bill graduated from the University of Wisconsin (1986) with an MS in Engineering Mechanics.



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From Your Chairman:

Welcome to another edition of the Milwaukee SAE Section newsletter. This month we will be presenting our monthly meeting at Rexnord. Several speakers will discuss the work being done on testing & evaluation for mobility & aviation industries. Join us and learn more about the design evaluation (& failure) part of engineering.

Has your company hired new graduates in the past several years? Encourage them to become SAE members and take advantages of the same things you have benefited from. Your new employees will benefit from access to information and training, while your company will benefit from new engineers to work on technical committees. Remember - each of you are our best recruiters!

The section officer nominating committee will be preparing a slate of officers for the next section year. If you are interested in becoming a part of the board, please contact Gerry Fellows or Bill Schultz.

Don't forget to check out our website!
www.milwaukeeae.org

Rick Sievert
2000/2001 Chairman
Milwaukee Section SAE



Thursday, March 22, 2001

Innovations At REXNORD TECHNICAL SERVICES



Meeting Sponsorship

We would like to thank the following organizations for their continued support of the Milwaukee Section:

Waukesha Engine Division, Harley-Davidson

For more information on becoming a sponsor, please contact: Bill Schultz (414) 616-1286