



NOVEMBER MEETING

Tuesday, 30-Nov-2004

PROGRAM:

Lake Express High Speed Ferry

- ◆ Cutting edge vessel design and technology
- ◆ Twin jet-drive propulsion
- ◆ One of only two \$18M ferrys in the world
- ◆ “Behind-the-scenes” perspective
- ◆ Tour this unique catamaran
- ◆ Luxury seating deck
- ◆ Vehicle and Observation decks
- ◆ Wheel house and Engine room
- ◆ ALSO, see the UW-Madison 2004 Clean Snowmobile entry:
“ Bucky 800 HybridDrive “

Location: Lake Express Terminal
2323 S Lincoln Memorial Dr.
Milwaukee, WI 53207
phone: (866)914-1010

Tour of: High Speed Catamaran
docked at the terminal
building.

--- EVENT AGENDA ---

Mtg. Registration:	5:00pm
Tour:	5:30pm
Dinner:	6:30pm
Program:	[to follow]

--- DINNER ---

MENU:

NO Selection Required.

Dinner Buffet – Italian style.

COST:

SAE Members / spouses:	\$20.00
Retirees:	\$12.00
Guests / Non-members:	\$25.00
Students w/ID	\$5.00

Registration:

Bus & dinner reservations must be received the week before the event. Only charge card pre-payments can be collected online, via <http://milwaukee.sae.org> . Register to **pay-at-the-door** via email at: milw-sae@wi.rr.com , or call **(414) 465-6420** .

"No-shows" with reservations will be billed.

50-Year members entitled to 1 free dinner annually.

Registration deadline: 2:00pm – Friday, Nov 26th

Topic: Design Considerations of a Ship – It’s a Car Ferry
Speaker: <> Ken Szallai, President of Lake Express, L.L.C.

Come and hear Mr. Ken Szallai as he presents a historical look at the beginnings of the Lake Express – that would be the business and the ship! Ken will give a history on “how did it happen”. From the business operations to the technology of the ship, he will talk about the state-of-the-art vessel that runs 3-times daily, from the Port of Milwaukee to Muskegan, Michigan. Ken will arrange for us to tour and see the communication and control systems in the wheel house, and see the four 3000hp diesel engines that power this ship, manufactured by Detroit Diesels, MTU.

Easy On - Easy Off ~ leave your car with ample long and short-term parking in Milwaukee and Muskegon

On-Board Dining ~ light breakfasts, soups, salads, warm sandwiches and snacks throughout the crossing

Wide Comfortable Seating ~ spacious and fully climate controlled passenger cabin with wide comfortable seats

Premier Class Cabin ~ special cabin with larger and more spacious seats - relax or spread out your papers to complete that project

Cell Phones & Electronic Devices ~ cell phones, laptops, other electronic devices can be used throughout

Smoke-free Environment ~ main cabin is smoke-free ; separate outside smoking deck available

Motorcycles and Bicycles ~ equipped to transport both easily on our car deck

Easy Access for Special Needs Travelers ~ designed with safety and comfort in mind for travelers

The inaugural season of the Lake Express High Speed Ferry has come to an end. Winterization of the catamaran is underway. A unique opportunity to tour the vessel, docked at the terminal, between the end of the season and winter storage is available to us.

You may want to bring a jacket as we will be on the water, and there will be a ladder or two during the tour.

January 19 Meeting tour: Automotive Electronics, Lighting, Security, Sensors – Germantown

February 17 Meeting tour: Aviation A&E School & Midwest Service Facility – Mitchell Field

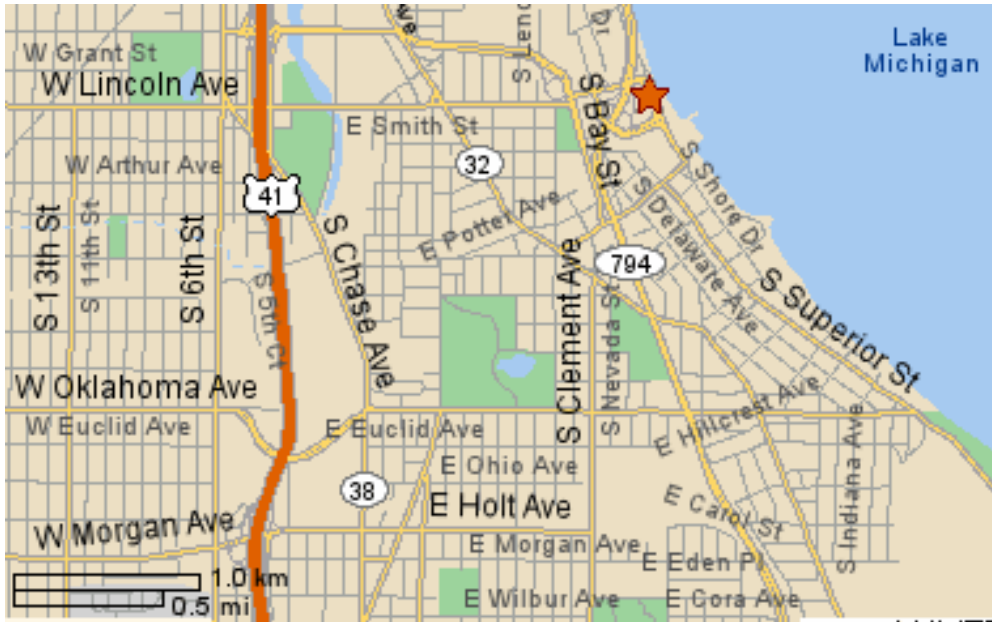
March 17-19, 2005 Event (trip) Clean Snowmobile Challenge – Houghton, MI

April 21 Meeting (tentative) Student Meeting – one of the Milwaukee campus sites

May 18 Meeting tour: Daimler-Chrysler Dealership / the Hot New 2005 Vehicles – West Allis

*Upcoming
Events*

For more on the UW-Madison 2004 CSC entry and the Clean Snowmobile Challenge see:
www.mtukrc.org and <http://homepages.cae.wisc.edu/~saecsc/> .



MAP :

Lake Express
Terminal Building
2323 S Lincoln Memorial Dr
Milwaukee, WI 53207
Phone: (866)914-1010

Ample parking will be available at the terminal building.



Driving directions from downtown Milwaukee

- Take I-794 East going south toward the Port of Milwaukee, over the Hoan Bridge for about two miles.
- Take Exit 3 toward the Port of Milwaukee, and turn left onto Carferry Drive at the end of the exit ramp.
- Carferry Drive bends to the left. Turn left onto S. Lincoln Memorial Drive, where you will see the entrance for Lake Express a few seconds later, on your right (the lake side).

Driving directions from the North (Green Bay)

- Take I-43 South into downtown Milwaukee. At the Marquette Interchange, take Exit 72A left onto I-794 East toward the Lakefront.
- After half a mile, stay on I-794 as it turns right toward the Port of Milwaukee.
- Then follow the directions above.

Driving directions from the South (Chicago)

(NOTE: You can follow these directions or continue into downtown Milwaukee and follow the above directions from downtown Milwaukee. This way will save about five minutes, but it is a little easier from downtown.)

- Go north on I-43 North/I-94 West toward downtown Milwaukee. Take Exit 312 A-B, which gets off toward Becher Street and Mitchell Street. Turn right onto Becher Street.
- After about one half mile, you will cross Kinnickinnic Avenue, and Becher Street will become Bay Street as you travel east toward the lake.
- Keep going east as you cross a slightly curvy ramp toward I-794 West (you will start to see signs for the Carferry). This street ends when you get close to the lake.
- Turn right onto Lincoln Memorial Drive (turning right is the only option). You will see the entrance for Lake Express a few seconds later. The entrance is on your left.

Driving directions from the West (Madison)

- Take I-94 East into downtown Milwaukee. At Marquette Interchange, keep going east by getting on I-794 East toward the Lakefront.
- After 1/2 mile stay on I-794 as it turns right toward Port of Milwaukee over Hoan Bridge.
- Then follow the directions above, listed in "from downtown Milwaukee".

Milwaukee Section 2003-2004 Governing Board

- Chairman's Note -

CHAIRMAN:

Dale Wiza
Professional Engineering Placements, Inc.
email: dale@engineeringplacements.com
Work: (414) 427-8080

VICE CHAIR:

Joe Sagat
Modine Manufacturing Company
email: j.g.sagat@n.a.modine.com
Work: (262) 636-1362

SECRETARY:

Bernard Krauska
Borg Indak Inc
email: krauska@execpc.com
Work: (262) 968-3313

TREASURER:

Wayne Richter
email: richterway@sbcglobal.net
Voice: (262) 255-7155

VICE CHAIR MEMBERSHIP:

Tim Fauser
Comtel Midwest Co.
email: tfauser@comtel.com
Work: (800) 860-2692 x354

VICE CHAIR MATH/SCIENCE:

Liz Sutton
Discovery World.
email: liz@discoveryworld.org
Work: (414) 647-3303 x246

VICE CHAIR STUDENT ACTIVITIES:

Chris Damm
Milwaukee School of Engineering
email: damm@msoe.edu
Work: (414) 277-7543

VICE CHAIR PROGRAMS:

Mark DeBattista
Harley-Davidson Motor Co
email: mark.d@email.sae.org

COMPANY REPRESENTATIVE:

Tim Fauser
Comtel Midwest Co.
email: tfauser@comtel.com
Work: (800) 860-2692 x354

HISTORIAN:

Terry Fruehling
Harley-Davidson Motor Co
email: terry.fruehling@harley-davidson.com

Alt SECTION DELEGATE:

Glenn Bower
UW-Madison
Work: (608) 263-7252

Our Milwaukee Section is raising the bar in many areas! We were all pleasantly surprised with the turnout at Mercury Marine. 131 attendees toured the vast facilities, including the lost-foam plant, and heard about their "pride and joy" in technology with the Verado engine line-up. Thanks to John Crane, Eric Mueller, and many others from Mercury who assisted with this successful event.

Another welcomed surprise is with our Section's newest Student Chapter, Northern Michigan University (NMU). Nine students made the road-trip from Marquette, MI. They have 17 members starting on a Mini Baja car, getting ready to roll, first at the (unofficial) MTU Mini Baja, on snow!

NMU, like some other well-established Chapters, do struggle with direction and support, which we as members can step-up and assist in developing. We are looking to both companies for: financial, equipment, or component support, and individuals that could offer some mentoring or advice to the students. This is an ideal way for businesses to further invest in our future of SAE. Companies then reap the rewards of the relationships and skills that they fostered, as these students could then continue as co-ops, interns, or with after degree careers. To consider supporting this initiative, please contact Chris Damm, 277-7543, or damm@msoe.edu.

Since companies want to hire experience, take action by offering experience first! We will help to promote, and share these generous efforts.

- * Congratulations to Jeff Schut, of MTU, who was awarded a SAE Long Term Member Scholarship.
- * Companies note, you can post Co-op and Internship positions for FREE on SAE's Career Center site.
- * We will again be improving our application process for student project donations from the Section.
- * The SAE Commercial Vehicle Eng. Congress in Chicago had a great start as the new neighboring event.
- * A more efficient check-in procedure will be in effect at next meeting, a bit shortened too.
- * Our SAE 100 celebration has started! If you have any older SAE (ish) treasures to share: books, components, or grand stories from the past, contact Terry Fruehling (Historian) at 414-465-7039, or Terry.Fruehling@harley-davidson.com. We'll be sharing some of our archives at this next event too!

On behalf of our Section, I want to sincerely thank two retiring, long-term Board members, Bill Riebe, and Don Bercham. Both have given generously of their time and efforts, and we are a better Section because of their input.

Thank you for this growing support!

Dale Wiza
SAE Milwaukee Section Chair



Meeting Sponsorship

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



Lake Express High Speed Ferry



Harley-Davidson Motor Co [Milwaukee]



Briggs & Stratton Corporation [Wauwatosa]

For more information on becoming a sponsor, please contact any Section Board member.

Keep current with us on these SAE web sites:

<http://milwaukee.sae.org> for the Milwaukee Section or
the national site at milw-sae@wi.rr.com

For more information on **A World In Motion** call: 724-772-8514, and ask for Darlene Geweth
email: awim@sae.org internet: www.sae.org/foundation/awim