

## FUTURE EVENT CALENDAR

September 3	10:00 AM	Board Meeting	UNISYS, Eagan
September 10	7:00 PM	Speaker & Social Time	LMCO, Eagan,
October 1	10:00 AM	Board Meeting	UNISYS, Roseville
October 8	6:30 PM	Social Time & Program	UNISYS, Roseville
November 5	10:00 AM	Board Meeting	UNISYS, Eagan
November 12	7:00 PM	'15 Election & Topical Speaker	UNISYS, Eagan

### SEPTEMBER PROGRAM:

**September 10<sup>th</sup>, 7:00 PM:** Please join us as LMCO employee Steve Koltres reviews over 50 years of our company systems developments in the Air Traffic Control environment. This will be at LMCO. in Eagan. If you have flown commercially any time since the early 60s, you've had safe take-offs and landings because of systems developed for the FAA by UNIVAC/Sperry/UNISYS/Lockheed Martin. Steve will present the history of our involvement with the FAA and the functionality of air traffic control systems. Tidbits to hear about are: The 30-bit IOP design was in service for 40 years [see chart on page 5] and the Naval Tactical Data Systems' use of UNIVAC TYPE 1218 Computers to process Identification – Friend or Foe (IFF) transponder information became the basis of the FAA system to identify flight numbers and aircraft types in our skyways.



Yes, we are still keeping your take-offs and landings safe!

*Page 6 has GPS and driving directions.*

### OCTOBER PROGRAM: Pie & Ice Cream

**October 8<sup>th</sup>, 6:30 PM:** The Club has ordered Ice Cream, Pumpkin Pie, and teacher Sarah Routman for a light hearted social evening in the UNISYS, Roseville plant.

### Our program is titled: LAUGH AND FEEL BETTER

Don't you feel better when you laugh? Generally we do, but it isn't a benefit that dies when you're done laughing. Laughter has far reaching benefits, and Sarah Routman, our speaker for September, is a specialist in "Laughing for the Health of it." Sarah has advance degrees from Ohio and Georgia Universities plus 10 years' experience teaching high school English and Drama. She has also spent 18 years in the Twin Cities as Executive Director of a couple non-profits. Sarah is a certified Laughter Yoga Leader and Teacher who has been engaging others in laughter since 2008. She is also a Leadership Instructor and Wellness Advocate at the University of Minnesota. Sarah's program, *Laugh for the Health of it*, provides information about the history and health benefits associated with the practice of Laughter Yoga, interspersed with laughter exercises. Get ready for "Smile Push-ups" and a special laughter meditation. Don't bring a yoga mat, and for sure don't dig out those leopard skin leotards that you think are so becoming. Even old Mr. Sourpuss (name withheld out of good old fashioned courtesy) might bust a gut or snort uncontrollably. Come and share the fun.

*Page 6 has GPS and driving directions.*

### ANNOUNCEMENTS

**2015 Elections!** Immediate Past President Bob 'RC' Hanson chairs our nominating committee. Contact him at 651-633-4259 by October 1<sup>st</sup> to nominate a club member or yourself for a 2015 Board position. The candidate slate will be in the November newsletter, elections at the November 12<sup>th</sup> meeting.

**SOCIAL ACTIVITIES**

**Membership Renewal:** 58% of our memberships expire on December 31<sup>st</sup> this year. Please help spread out the volunteer work of our Treasurer (Harvey) and Database Manager (Keith B.) with an early renewal – use the page 5 form. Thanks, *LABenson*

**Mark Your Calendar:** November 21<sup>st</sup> at Casper’s, Unihogs/Uniturkeys luncheon (Don Hall, author of "Generation of Wealth – The rise of Control Data and how it inspired an era of innovation and investment in the Upper Midwest" will be our featured speaker); December 4<sup>th</sup> at the Ft. Snelling O’ Club, Annual Univac Old Timers Reunion; and December 11<sup>th</sup> at the Ft. Snelling O’ Club, VIP Club Dinner/Dance.

**Help sought:**The American Computer & Robotics Museum in Bozeman, MT has just acquired the UNIVAC 418-II that was used in Houston during the Apollo Moon Missions at the Mission Control Center. It was implemented along with the three UNIVAC 493 computers for the reception of the telemetry data prior to it being passed on to the IBM 360s on the other side of the room. If any of you has any direct/indirect information about the specific duties of the NASA UNIVAC 418-II, please send a note to [labenson@q.com](mailto:labenson@q.com)."

**PRESIDENT’S MESSAGE**

Did your 'technical' career start in High School? Mine did! Have you written a career summary for our Legacy website? One hundred sixty-seven former employees and a few readers have done so at the Legacy Committee's request, Thanks to each of you who took the time to record your 'company' experiences. The People pages of our web site have these summaries on-line for the world to read. Early on; Dr. Norberg, the 1st CBI Director, told our Legacy Committee that if we could inspire 200 people to write their career summaries, we would have the history of the company. Will your recap be one of the next 33?



Thanks also to the 168 people who have contributed 375 project or program or equipment or facility sections to our other web pages.

**WE ARE NOT DONE YET!** Keith Myhre and the Lawshe Museum team are discovering this as they plan Lawshe Museum exhibits: there are more stories to tell. I herewith ask each of you to browse a few pages of the web site, then spend an hour to two jotting down a few of your personal history recollections.

Respectfully; *Lowell A. Benson*

**CBI visit by members:** Thanks to Arvid Nelson and Tom Misa for hosting our August 13<sup>th</sup> outing.

A constant 60 degrees Fahrenheit and 50% relative humidity for 250 years. That’s what is needed to archive documents to make sure they are available to historians and researchers, now and in the future. Fortunately, The VIP Club is connected with just the place to provide these conditions, and a number of us were given the opportunity to see it in action when we toured the Charles Babbage Institute at the University of Minnesota on Wednesday, August 13<sup>th</sup>.

Dr Tom Misa, Director of CBI, and Arvid Nelson, Archivist and Curator, provided a thoroughly engaging tour through the CBI facilities in the Anderson Library, followed by an 80 foot elevator ride *down* into two man-made caves dug between two layers of limestone bedrock on the West Bank of the U of M. These were classy caves – carefully constructed to hold UofM and State of Minnesota archives for posterity, while providing the ability to provide modern day researchers and historians access to the information they need. The Anderson Library storage facility is one of only a handful of similar facilities in the US.

Storage is one thing, retrieval is another. Tom and Arvid were quickly able to point out some of the Lockheed materials volunteers have collected and indexed over the past seven years. (We found some of our famous BB boxes sent to CBI.)

Ultimately, CBI repackages these in acid-free packaging for long term storage, and provides “finding aids” on-line to assist researchers in determining which materials might be of interest. Tom and Arvid complimented the volunteers who cataloged the material, indicating that they were able to immediately use the catalog database as an excellent finding aid.

We were joined on the tour by Lynn Gruber, Director of DCHS and Andrew Fox, Legacy Grant Researcher. Both Lynn and Andrew are heavily involved in the preparation of a photo exhibit regarding the history of the Minnesota Univac/Unisys/Lockheed *et al* operations.

If you weren’t there you missed a great tour, but you still can get involved in a couple of ways:

- 1.-Come volunteer at the Dakota County Historical Society and help us tell the story of the world’s first real computer company. We are there every Tuesday – a good time to get started, but other volunteer times can be accommodated.
- 2.- Read Tom Misa’s book *A Digital State*. Highly readable, and the best account of our history published.
- 3.- Join the Dakota County Historical Society - The VIP club is a corporate member, but seniors get an individual membership for only \$20 per year.

VIP Club September 2014 Newsletter

Memberships provide several benefits, including free museum admission and a subscription to the interesting DCHS publication *Over the Years*.

**PERIODIC GROUPS**

**NOTE CHANGE OF LOCATION**

**One breakfast group** meets monthly at 8:00 a.m. on the 1st Thursday of each month at **Capitol View Cafe, 637 Smith Ave. St. Paul. (Corner of Smith and Baker).**

**Another breakfast group** meets monthly at 9:00 a.m. on the 2nd Wednesday of each month in Gina's Café at the Eagles Club, Old Hwy 8, in New Brighton. Phone of coordinator is 763-416-3903.

**One Luncheon group** [engineering/drafting] meets monthly on the 1st Tuesday at 11:00 a.m. at the Old Country Buffet (OCB) at 2000 S. Robert, in West St. Paul. The consensus opinion of the group is to continue meeting here in that OCB has agreed to reserve a special seating arrangement for us.

**A Second Luncheon group** [Unisys and Burroughs] meets monthly on the 2nd Tuesday at 11:30 a.m. at the Mall of America 3rd floor North Food Court. We sit at the tables between the elevator and Burger King. Coordinator phone is 952-854-7855.

**A Third Unisys Luncheon group** meets monthly on the 2nd Wednesday at 11:00 a.m. at the Old Country Buffet, Holly Shopping Center, located at University Ave. and Mississippi St. just north of I-694. Coordinator phone is 651-552-1465.

**NEW MEMBERS**

Asher, Mary	Farmington, MN
Brandenburg, Roy	Maple Grove, MN
Corwin, Judy	Burnsville, MN
Randall, Judy	Frisco, CO
Thomas, Al	Cape Coral, FL
Turnquist, Rodney	Rosemount, MN

**IN REMEMBRANCE**

**Clarification:** The obit for Donald W. Marth in our July/August newsletter was not the W. Donald Marth who worked in UNIVAC/Sperry/UNISYS Program Management in Eagan. I apologized to our Don for the premature report of his demise. He and Nancy are doing well at their home in Lonsdale. *LABenson*

**Axelson, Clifford J.** - Age 88 of Hugo, MN. Passed away July 27, 2014 on the land where he was born. He is survived by his wife of 57 years, Grace. Cliff worked at Unisys for 25 years, retiring in 1997.

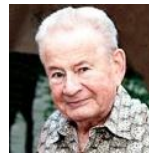


**Bergman, George Edward** - Age 68 of Coon Rapids, MN. Lost his fight with cancer on December 17, 2013. He is survived by spouse, Jacqueline. George was a former Unisys

employee.



**Brandsness, Gordon T.** - Age 84, of White Bear Lake, MN Passed away peacefully on July 26, 2014, in Minneapolis. Gordon was preceded in death by his wife Nancy Witherspoon Brandsness. Gordon was a dedicated employee of the Unisys Corporation for 38 years.



**Erickson, Donald B.** - Age 81, of Bloomington, MN. Passed away July 14, 2014. Don worked as an engineer for 33 years at Unisys and finished his career with G.E. Aerospace in

Moorestown, NJ. Don is survived by his wife, Beverly.

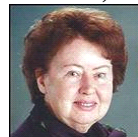


**Jones, Herbert J.** - Born May 3, 1921, died August 4, 2014. Herbert Jones died peacefully after a long illness. Preceded by his dear wife and navigator, Sally Bruett Jones. Herb was a long time Unisys employee, avid traveler, and

loved to read.

**Richard James Hansen** - Age 83, of Redmond, OR. Passed away June 17, 2014. Richard is survived by his wife, Karen of 58 years. Dick worked for Unisys for 32 years with NTDS and ARTS III in St Paul and retired from Unisys in SLC, UT. Dick was a member of the VIP Club

**Morris, Rosemary Hansine Anderson** - Age 81, of



Lakeville, MN passed away on July 22, 2014. Rosemary is survived by her beloved husband of 56 years, Thomas Morris. Tom is a Unisys retiree and he and Rosemary have been long time members of the VIP Club.



**Olson, Lela** passed away July 27, 2014. Lela was the great woman married 54 years to our co-worker, Richard 'Ole' Olson. She provided them with a Norwegian home atmosphere (delicious lefse maker); raising three children while

Ole had a programmer to systems engineer career. Lela was an avid supporter of the annual UNIVAC-LMCO Syttende Mai luncheon for the 25+ years that Ole led the planning. Moreover, when Dick initiated our IT Legacy Committee in 2005, she and their children were his behind the scenes supporters. Bless you Lela, may you rest in peace. *LABenson*

## VIP Club September 2014 Newsletter

**Polski Peter A.** - Age 86, passed away on Monday, July 14, 2014. He is survived by his loving wife of 59 years, Fran. Peter was a Unisys retiree and long time member of the VIP Club.

### CONTACT DATA

**Newsletter Editorial Staff:** Mail 'Letters to the Editor' to: VIP Club, 1486 Fairmount Ave, St Paul, MN 55105 or e-mail to: Joe Schwarz - Chief Editor, [jschwarzsr@centurylink.net](mailto:jschwarzsr@centurylink.net)

Bernie Jansen - Editor, [bjskj@msn.com](mailto:bjskj@msn.com)

Richard Lundgren – Editor, [rflundgr@aol.com](mailto:rflundgr@aol.com)

Don Naaktgeboren – Editor, [donfishn@yahoo.com](mailto:donfishn@yahoo.com)

### 2014 VIP Club Board:

Lowell Benson	<i>President</i>	651-483-3709
Bob Pagac	<i>Vice President</i>	952-431-3981
Bob 'RC' Hanson	<i>Past President</i>	651-633-4259
Frank King	<i>Secretary</i>	651-774-0997
Harvey Taipale	<i>Treasurer</i>	651-748-5083
Keith Behnke	<i>Director</i>	651-894-2182
Dale Phelps	<i>Director</i>	952-831-7843
Joe Schwarz	<i>Director</i>	651-698-9698
John Westergren	<i>Director</i>	952-431-5868

### 2014 Activity Coordinators:

*CBI Liaison;* Dick Lundgren, [rflundgr@aol.com](mailto:rflundgr@aol.com)

*Christmas Dinner;* Marion Scott, 651-455-7952 and

Bill Galle, [wagalle@mac.com](mailto:wagalle@mac.com)

*IT Legacy Committee;* John Westergren,

[jwestergren@frontiernet.net](mailto:jwestergren@frontiernet.net)

*Mature Voices Minnesota,* Brian Berggren,

[bbek@usfamily.net](mailto:bbek@usfamily.net)

*Membership & Recreation Leagues;* Keith Behnke,

[keithbhnk@comcast.net](mailto:keithbhnk@comcast.net)

*Picnic Coordination;* John Westergren, Frank King, Jim Larson, and Keith Behnke.

*Programs;* Dale Phelps;

[rsanf416@gmail.com](mailto:rsanf416@gmail.com)

*Roseville Good Old Days;* Tom Turba,

[tturba@comcast.net](mailto:tturba@comcast.net)

*Sunshine Cards;* Lynn Lindholm,

[LynnLindholm@comcast.net](mailto:LynnLindholm@comcast.net)

*Volunteer Breakfast;* Bernie Jansen, [bjskj@msn.com](mailto:bjskj@msn.com) and Frank King, [kingx063@umn.edu](mailto:kingx063@umn.edu)

*Webmaster;* Lowell Benson, [labenson@q.com](mailto:labenson@q.com)

**If your address label reads 2014, your subscription will expire in December. Please renew using form on page 5.**

**Retirement Status and Benefits:** These are numbers to call if you or your heirs have death benefit or pension questions - you'll need SSN and a PIN.

Unisys 1-877-864-7972

Lockheed Martin 1-866-562-2363

### VIP CLUB Corporate Liaisons:

LMCO, Eagan - Scott Schmidt 651-846-2426

Unisys print shop – Judy Bornetun, 651-635-6792

Unisys, Roseville – Sue Carrigan, 651-635-7712

Unisys, Eagan – Kim Loskota, 651-687-2232

### REPORTS, LEGACY ACTIVITIES

**Lawshe Museum Info:** We now have an AN/UYK-43 computer, an AN/USQ-69 display, and an ATC IOP among the artifact collection. Thanks to John Westergren, Harvey Taipale, Steve Koltjes, et al' for facilitating transfer of these artifacts from the Navy and the LMCO Eagan ATM department.

**Web Site 'Article for the Month':** For July we've posted a UNIVAC 1100 Series technical paper generated by Richard Petschauer. This covers the hardware design details from 1101 vacuum tubes to the micro-circuits of the 2200 computer series.

For August I posted a 'book review'; a synopsis of Dr. Misa's recently published "Digital State" book. Citing the book's back cover paragraph written by Margaret Anderson Kelleher, president and CEO of Minnesota High Tech Association: "Thoroughly researched and engagingly written, Thomas J. Misa's impressive book tells the story of a revolutionary group of companies and individuals who, during the middle of the twentieth century, transformed the computing industry right here in Minnesota. Digital State provides a much-needed look at the roots of Minnesota's high-tech economy." LABenson

### LIGHTER SIDE

**A Northport Engineering 'Better Motto' card:** YOU HAVE TO GIVE AMERICANS A LOT OF CREDIT, how else could they buy all those new cars? **PUNOGRAPHY:**

Broken pencils are pointless.

Class trip to the Coca-Cola factory. I hope there's no pop quiz.

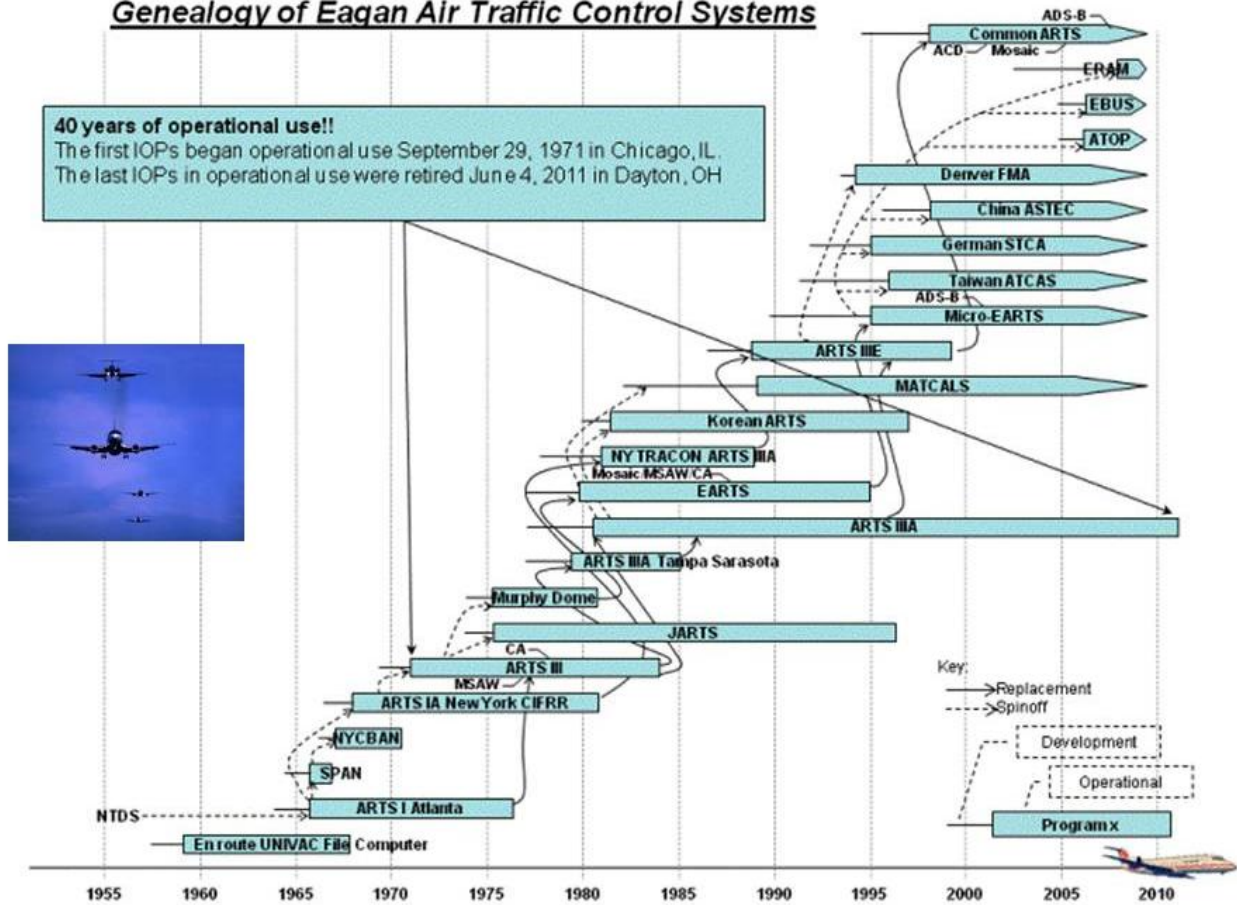
Energizer Bunny arrested, charged with battery.

How do you make holy water? Boil the hell out of it!

How does Moses make his tea? Hebrews it.



**Genealogy of Eagan Air Traffic Control Systems**



**MEMBERSHIP RENEWAL FORM**

If the address block of your Newsletter shows 2014 after your name or if the subject line of your Enews notification shows member list 2014x, your Club membership and Newsletter subscription will expire on December 31<sup>st</sup> 2014

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Dues are: \$7.00, 1 year \_\_\_ or \$ 18.00, 3 years \_\_\_\_.  
 Member (≥55) \_\_, or Associate (<55) \_\_: Address Change \_\_, New \_\_, Renewal \_\_

\_\_\_\_\_  
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Newsletter delivery preference is: Electronic (DSL or faster recommended) \_\_\_ or U.S. Mail \_\_\_.

Employer is/was: UNISYS \_\_, Lockheed Martin \_\_, and/or predecessor company \_\_\_\_\_.

Include my data in the Club's Directory? Yes \_\_ No \_\_. DIRECTORY is only available to Members and Associates!

**MAIL THIS FORM WITH YOUR CHECK TO: VIP Club P.O. Box 131748 Roseville, MN 55113-0020**

# VIP CLUB

Established in 1980

P.O. BOX 131748

ROSEVILLE MN 55113-0020

## DIRECTIONS TO ACTIVITY SITES

*Car-pool if possible to all events or contact a board member for possible 'ride-with' suggestions.*

**Directions to the Lawshe Museum in South St. Paul:** Set your GPS unit to South Saint Paul, 130 Third Avenue. From the Roseville area, take Hwy 36 to I-35E south toward downtown St. Paul. Get into the left lane then take the I-94/Hwy 52 left exit to merge onto Hwy 52 going south. 3.4 miles later, take the Butler Ave exit and turn left. Go 0.7 mi and turn right onto MN156 S. After 1.8 mi, turn right onto Grand Ave. W – Drive up the hill a block and turn left; the parking lot is then 400 ft. on the left. From the Eagan area, take I494 toward the Mississippi river then take exit #65 onto 7<sup>th</sup> Ave. Turn left and drive a mile to South view Blvd, turn right at the light. After 0.3 mi, turn left onto 3<sup>rd</sup> Ave – the museum parking lot is then 0.2 mi on the right.

**Directions to Unisys MACS building in Eagan:** Set your GPS unit to Eagan MN, 3199 Pilot Knob Road. From Hwy 35E take the Pilot Knob Road exit ramp. Then go north on Pilot Knob Road about ½ mile to Tower View Road. We use the Unisys north parking lot and the visitor entrance thereby.

**Directions to UNISYS in Roseville:** Set your GPS unit to Roseville MN, 2470 Highcrest Road. From Hwy 35W north, exit onto W County Rd C to go west a mile, then turn left onto Walnut St. Then turn right onto Terminal Road for half a block, turn right at Highcrest Rd. to building entrance. From 35W south, exit on Industrial Way / St. Anthony Blvd off ramp, turn left, drive under the freeway, then turn right onto Walnut St. Follow it 0.8 mi north then turn left on Terminal Road. Go ½ block and enter the UNISYS parking lot on the right. From Hwy 36 east, drive west until 36 joins Hwy 35W just past Hwy 280, then exit at the Industrial Way / St. Anthony Blvd. off ramp of 35W. Go north on St. Anthony Blvd. to Walnut St. [the first street on the right]. Turn right onto Walnut Street. From Hwy 280 northbound, use left lane exit just past County Rd B for Terminal road access [St Croix St.] Turn left at Terminal Rd, then 1.5 mi to Highcrest Rd.

**Directions to LMCO in Eagan:** Set your GPS unit to Eagan MN. 1303 Corporate Center Drive, Suite 100 Eagan, MN 55121.