Introduction: Artifact Collecting

Yes, we are still collecting! If you are cleaning basement, attic, garage, or home office – the Legacy Committee is interested in some of what you find. This paper lists the artifacts transferred from Lowell's temporary basement repository to the Lawshe Museum in July 2015. Each of these items illustrates or describes bits and pieces of our extensive Information Technology history. If you have one or more items; please contact labenson@q.com or jwestergren@frontiernet.net to facilitate your donation.

Lawshe Memorial Museum Donation Items

Hardware items

- From Millie Gignac:
    - Clock, 25-year service award for 1956-1981. Seth Thomas Model # 0792-000, Name; Acquisition. Mantle style w/pendulum uses C battery. Works made in West Germany by Kienenger & Obergfell, sold via Talley Industries, Thomaston, Conn.
    - Ring, 30-year service aware for 1956-86 - Onyx w/diamonds (2) ring
- From Larry Bolton: Vacuum tubes, diodes, miscellaneous souvenirs, some paper items – all in a plastic bag. Larry provided a list. Keep what is relevant for future exhibits, remainder will be 'give-away' at future VIP Club events.
- From Lowell Benson: Poster about Mille, her clock and ring, 8 ½ x 11". July 2015
- From Warren Burrell: Wooden 20-year service plaque from UNIVAC, dated April 5, 1968.

Paper items – review then keep or move to CBI

- From (did not note[1]): "Unisys: When a CEO gets a Better Deal" by Roger Lowenstein, a newspaper article circa 1991. The article discusses the 1989/90 junk bonds issued by Executive Life Insurance Co. of California and Michael Blumenthal's golden parachute.
- From (didn't note): Clipping about legendary Dr. Williams clipped from August 1984 Newsnet.
- From (didn't note): Article by Walter Isaacson "The Women of ENIAC", Fortune.com pages 160-165 published October 6, 2014.
- From William 'Bill Galle:
    - Cost reduction report, implemented 2-15-1971.
    - Engineering organization charts from September 1, 1961; shows managers and directors reporting to Chief Engineer N.T. Stone (Noel).
    - Flyer circa Jan. 1988: "If you think you can write better headlines than our Madison Avenue advertising agency, here's your chance."
    - Newsletter: Sperry Univac news, Twin Cities Edition Vol. 5, No. 6 May 1976. It shows Bill as a 20 year Anniversary and John Westergren as receiving an Excellence Award.

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[1] I had not recorded who handed some items to me at various Club gatherings, sorry.

- o Skills Inventory Objectives, April 22, 1970
    - o Unisys brochure #3051032; 'ideas = $' Employee Suggestion Program
    - o UNISYS Defense Systems Communicator, March 1987
    - o UNISYS Defense Systems President's Report Vol. 1, No. 2, April 1987. From Fred Jenny
    - o UNISYS Defense Systems President's Report Vol. 5, No. 1, January 1990.
    - o UNISYS DIALOGUE: A Special Report for Computer Systems Division Employees (Al Zettlemoyer)
    - o Unisys flyer #8000295; CSD 'Person to Person' flyer and associated announcement & form.
    - o Unisys letter circa 1987 & associated flyers: 'VIP Club join invitation.'
    - o Univac George Raymond letter, special assignment of T. M. Thomas, 4 May 1964.
    - o Univac George Raymond letter, special assignment of Ward Hemer, 4 May 1964.
- From Bob Jablonski: 1984 AN/UYK-43 Telephone Listing, 1987 AN/UYK-43 Telephone List, and 1985 AN/UYK-43 Engineering Organization chart.
- From Bob Langer: An 11/01/99 name list of ~200 'Navy Standard Products Engineering' people.
- From Dave Saxerud:
    - o UDS 37892, AN/UYK-502 (V) Microcomputer booklet printed by Sperry Univac Defence systems Division in Winnipeg for the units tailored for the Canadian Ship borne Integrated Processing and Display System (SHINPADS) Combat system Data Bus. "
    - o UDS 57904, AN/UYK-502 (V) Microcomputer flyer.
- From Dick Lundgren:
    - o The 6 July 1974 list of MSD Personnel, i.e. those reporting to the Bad Godesberg, Germany office.
    - o Three MSD employee memos from C.E. Vacca, contorller dated 1974.
- From Jim Rapinac: Paper; "Lockheed Maritime Patrol Aircraft, 1939-2013" by Sherm Mullin. Nine paragraphs about Lockheed aircraft; we had computers aboard the P-3C Orion, S-3A Viking, and CP-140 Aurora airplanes.
- From Les Nelson: WSR-88D Weather Surveillance Radar flyer, circa 1991.
- From Lowell Benson:
    - o Article; "As Simple as ABC:" an article clipped from the August 1998 National Geographic. It summarizes the Atanasoff-Berry Computer from Iowa State College.
    - o Article; "gas porter" A four-page ERA advertising description found on a Crosley history web site.
    - o Article; DCASR-St. Louis magazine page 48 re' Sperry Univac cost savings idea.
    - o Booklet; 30-Year Anniversary, 1980-2010 – 8 ½ x 11" booklet
    - o Poster; HARPOON: P-3 Launch from McDonnell Douglas Corp - 8 ½ x 11". The UNIVAC CP-901 was the AN/ASQ-114 systems' computer for this airplane.
    - o Poster; HARPOON: S-3 Launch from McDonnell Douglas Corp. 8 ½ x 11". The poster's backside has Harpoon Weapon System information. Not written there is that the launch control is via two Printed Circuit cards in the AN/AYK-10 computer (Sperry type 1832), reference webpage http://vipclubmn.org/cp32bit.html#S3B, design was fall of 1981.

- o Poster; PHM PEGASUS from Boeing Aerospace. The first of five hydrofoil ships delivered to the US Navy. The Sperry UNIVAC type 1830B was the on-board computer for the prototype weapons control system. A later upgrade switched to the AN/UYK-7 (Sperry type 3250 computer.)
  - o Poster; U.S. NAVY/LOCKHEED S-3A Viking - 8 ½ x 11".
  - o Poster; YF-23 'stealth' jet from NORTHRUP, McDonnell Douglas. Sperry, St. Paul designed and built the computers for the on-board systems – Northrop built two aircraft with our computers. Lockheed Martin's YF-22 won the fly-off competition.
- From Mike Bukovich: poster; 16" x 19 ½" - Unisys Awarded Advanced Display System (ADS) Contract. Circa 1994, this pictures many of the acquisition team including current VIP Club Treasurer, Harvey Taipale.
- From the Pioneer Press: article; Dave Beal article "Manufacturing fortune", St. Paul Pioneer Press Sunday, May 18, 2014; section D. This article summarizes the Thomas Misa "Digital State" book and the Donald Hall "Generation of Wealth" book.
- From Roy Hain: ERA Employee Directory, November 1952 – 5 ½" x 8 ½" stapled booklet

Photo items

- From Bob Jablonski: several people and equipment photos from the AN/UYK-43 development. A couple of photos of the 3760 system (reference http://vipclubmn.org/cp16bit.html#3760) .
- From Don Nesheim: six Grumman Mohawk airplane snapshots, reference http://vipclubmn.org/sysairborne.html#Quicklook – this Army Security Agency program used the AN/UYK-23 computer.
- From Jack Ross: four Tactical Air Control System (TACS) pictures circa 1958. One slide of the plant 1 thin-film vacuum deposition chamber.
- From John Alton: eight **Thornhill** computer cabinet structure pictures. The Thornhill was a classified computer built in the mid 50's behind 'closed doors' in building 6 at Plant 2. See web site page http://vipclubmn.org/cpothers.html#byAlton for specifics.
- From Lowell Benson: five AN/UYK-7 Low-level Serial Input/Output Adapter chassis and component pictures, circa 1975 – designs started fall of 1974.
- From Manny Block: Picture #22075, Real-time data handling system van destined for Johnson Island or Ascension Island. Jim Montain, Manny Block, Chuck Pence, and Frank Skubitz.
- From Marc Shoquist: Picture #8490-2. This is a fiber-optic transmitter/receiver hybrid-circuit-package assembly the size of two dimes.

Media items

- LISTEN promotion 33 ½ record in 9 ½ x 9 ½ folder/envelope from Robert Groschen via Jack Ross.
- UDS 27891: Voice Response Unit, VRU-400. Booklet plays on a 33 1/3 rpm phonograph.