

# Donated via the VIP Club

## Introduction

Over the last year as Legacy Committee Co-chair; Lowell received a banker's box from Art Charlton, three boxes from Jack Ross, and half-a-dozen boxes from Rosalie Christensen. Quite a few of the papers, documents, and internal memos were of no historical significance<sup>1</sup> thus went into the recycle bin. A few framed pictures and some hard-bound books went into a box for 'Freebies' at the upcoming Roseville Good Old Days or Annual June Picnic. A whole lot of emptied file pockets and a few 3-ring binders went into a box for Good Will. I have catalogued the remaining items that are being donated to the Lawshe Memorial Museum and to the Charles Babbage Institute. I have made a few notes and comments about some of the items listed hereunder. These items will be available for researchers and you to review during their open hours.

## Box #1 to the Lawshe Memorial Museum

1. Photo Album 1; Feb. 1980 – Nov. 1982
2. Photo Album 1; Feb. 1983 – Nov. 1985
3. Photo Album 3; Feb. 1986 – Nov. 1989
4. Photo Album 4; Feb. 1990 – Oct. 1993

*The following are in a file pocket in the box.*

5. Information sheet – Photo club 1993, UNISYS
6. Photo club Information booklet – 1992, UNISYS
7. UNISYS Photo Club Mailing List as of May 21, 1992
8. Information Sheet – Photo Club 1992, UNISYS
9. Photo Club Information Booklet 1991, UNISYS
10. Information Sheet, Photo club 1991, UNISYS
11. Photo Club Information Booklet 1990, UNISYS
12. Contact Sheet, Photo Club Vol 25, No. 2, March 1990,  
Unisys
13. Information Sheet, Photo Club, February 1990
14. Photo Club Information Booklet 1989, UNISYS

### UNIVAC/Sperry/UNISYS Photo Club History

The Club was formed in early 1968. The first meeting was on February 13 at which Gary Cutter became the President.

There were to be four *slide competitions* each year and a maximum of 4 slides entered per member. Prints of the winning slides were then displayed regularly in Roseville, Buildings 1 & 3 and in Eagan. Smaller 4x6" prints of the winners were put into albums as listed at the left.

There were four *print competitions* per year. A maximum of four color and four Black and White per member could be entered in each competition. Also, prints went on display in the plants and into the albums.

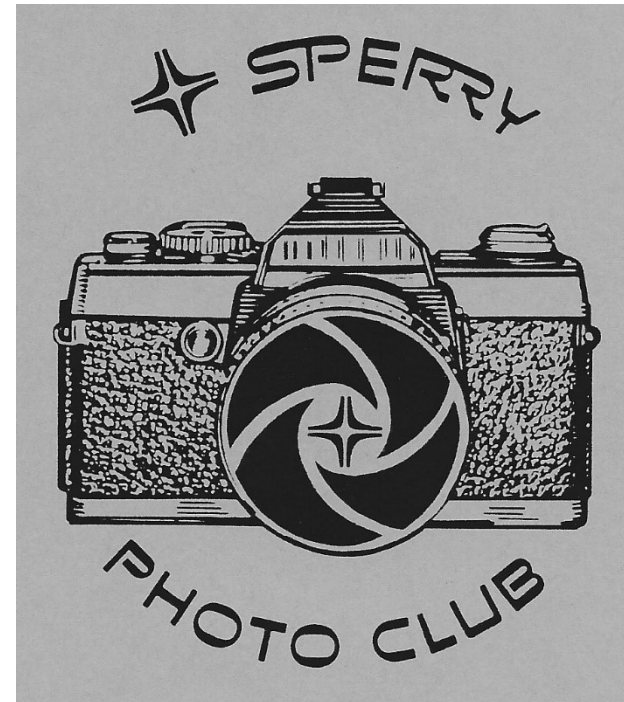
Due to declining membership and discontinued support from the company; the Club disbanded in 1993.

Art Charlton donated his history box to the VIP Club in December, 2016.

<sup>1</sup> Per Lowell's opinion when scanning the memo or report or document.

## Established in 1980

15. Information Sheet, Photo Club, March 1989, UNISYS
16. Photo Club Information Booklet 1988, UNISYS
17. Information Sheet, Photo Club, March 1988, UNISYS
18. Information Booklet 1987, Sperry Photo Club
19. Information Sheet 1987, Sperry Photo Club
20. 1985 – 1986 Review of Activities, Sperry Photo Club, February 1987.
21. Information Sheet - 1986, Sperry Photo club, March 1986
22. Information booklet 1985, Sperry Photo Club
23. Sperry Photo club members: February 1984. {There are 52 names in the list, with member #s 101 through 190. I recognize 11 names including my own as member # 183. I don't recall ever going to a meeting!}
24. Contact sheet Vol. 18 No. 2 – Sperry Photo Club
25. Contact Sheet distribution list Vol. 17, No. 2, February 1983. {There are 55 people on this listing, not my name, thus my membership noted in item 23 must have been short lived.}
26. Contact Sheet Vol. 17, No. 1, January 1983
27. Contact Sheet distribution list Vol. 17, No. 2, February 1983. {There are 55 people on this listing, not my name, thus my membership must have been short lived.}
28. Contact Sheet Vol. 17, No. 1, January 1983
29. Information Booklet 1980 – Sperry UNIVAC Photo Club
30. Information booklet, Sperry Univac Photo Club 1979. {page 12 lists Past Club Presidents 1968-1978 and Picture of the Year winners for those years.}
31. Calendar, UNISYS 1990. {The company made this featuring a club member's picture for each month. I recognize Art Charlton and Larry Bolton's names.
32. 24<sup>th</sup> Annual Awards Banquet – Unisys Photo club, January 26, 1993
33. 23<sup>rd</sup> Annual Awards Banquet – Unisys Photo club, January 28, 1992
34. 21<sup>st</sup> Annual Awards Banquet – Unisys Photo club, January 23, 1990
35. 1988 Annual Banquet – Unisys Photo club, January 16, 1989



The following are in a second file pocket in the box. The Sperry/Unisys club was a participant in the Twin Cities Area Council of Camera Clubs (TCACCC). The Sperry Club led that organization for a few years. [It is obvious to me, Lowell, that some of the following documents were generated using the MAPPER system.]

36. Next Show! [a flyer] Public Invited – April 22, 1990
37. TCA Councilor Vol 31, No. 3 March 1990
38. 1987 TCACCC Interclub Report, A Program of Spring Break '87 [Host Clubs were Minneapolis Photographic Society and the Minnesota Nature Photography Club.]
39. 1986 TCACCC Interclub Report [Host clubs were Sperry and Honeywell]
40. 1985 TCACCC Interclub Final Report [Host club was 3M Camera club.]
41. 1985 TCACCC International Exhibition of Photographic Art. [Camera Clubs of the TCACCC were Anoka Camera Club, control Data Photo Society, Honeywell Camera club, Kaposia Kamera Klub, Minneapolis Color Photo Club, Minneapolis Photographic Society, Minnesota Nature Photography Club, Minnesota Valley Photo Club, Minnetonka Camera Club, Rosemount Inc. Photo club, St. Paul Camera Club, Sioux trail Photography club, Sperry Photo club, 3M Photo club, Western Wisconsin Photo club, and Women's Color Photo Club.]
42. 1982 TCACCC Final Report – Interclub '92
43. 33<sup>rd</sup> Annual International Exhibition of Photography, Minneapolis/St. Paul 1981

*Club Photos were included in numerous company newsletters:*

44. Twin Cities, March 1993 – Paramax, A Unisys Company [See *Advanced Programs: an avenue for ideas* by VP Bruce Roberts.]
45. Profile, February 1992 by UNISYS
46. Scope Vol 3, No. 3 January/February 1991 by Unisys [See *Moving Out: Waters Edge building to be vacated.*]
47. Scope Vol 2, No. 5, March 1990 by Unisys
48. Profile, February 1990 by Unisys
49. Profile, February 1989 by Unisys
50. Scope Vol. 1, No. 5, February 1989 [See 2200/600 Series inventors honored for contributions.]
51. Twin Cities News, March 1988 by UNISYS
52. Twin Cities News, February/March 1987 by Unisys
53. Twin Cities News, April 1986 by Sperry [See Employees recall ERA beginnings – interviews with Roy Berg and Art Kotz.]

*End of Photo Club items.*

54. Three ring binder, about a dozen 8x10" photos of AN/UYSK-7 chassis and assemblies from Curt Christensen. {I believe that some of these are duplicates of photos already catalogued by the volunteers at the Lawshe Memorial Museum.}

- 55. Book: UNIVAC PRODUCTS – ST. PAUL, A Handbook of Major Products Designed, Developed, and Manufactured at Remington Rand Univac, 1947 to 1959.
- 56. Folder: Picture of the 1100/40 operators Console.
- 57. Folder: Picture of the type 3760 computer with an IBM machine in the background. [The 3760 was designed with an IBM byte/serial interface that facilitated direct communications with IBM processors and peripherals.]
- 58. Folder: Photos of 10 shadowboxes that will be moving from Unisys, Roseville to Unisys, Eagan this year.

## Box #2 to the Lawshe Memorial Museum

These are framed pictures/photos

Item No.	size, inches	Description	Notes
1	9 x 11	Picture of Shadowbox, 1955 - 1103 system	brown wood frame,
2	9 x 11	Picture of Shadowbox, 1965 - 1108 system	brown wood frame,
3	9 x 11	Picture of Shadowbox, 1972 - 1110 system	brown wood frame,
4	9.5 x 11.25	People Picture - Griffiss AFB award	brown wood frame,
5	12.5 x 15.75	Achievement award plaque	brown wood frame,
6	8.5 x 10	Color photo, CP-808 (TYA-20) in shelter	black metal frame,
7	8.5 x 10	b/w photo, AF MWRT system in field	black metal frame,
8	8.5 x 10	b/w diagram, AF MWRT system equipment	black metal frame,
9	8.5 x 10	b/w diagram, Navy Computer Genealogy ~1968	black metal frame,
10	8.5 x 10	UNIVAC 1110 Computer system w/people	black metal frame,
11	31 x 41	collage - Presented to Curt when he retired - this includes an organization chart from Roseville and other company items.	aluminum frame
12	25 x 25	Eight pictures of environmental test control equipment and the office with people. First names are provided below the individual pictures. My recollections of some are:	brown wood frame -
		Paul Welshinger, George Raymond, Al Neiters, Bob Kissling, Norb Ewald, Arne Ness, John Schoeberl, ... , Big Six = CP-667 on a vibration machine.	From Paul W.'s retirement workshop.

## Box #1 to the Charles Babbage Institute

1. Folder; containing various Quality Circle papers/articles
2. Book; *Quality, Productivity, and Competitive Position* – author W. Edwards Deming, 1982 – publisher Massachusetts Institute of Technology, Cambridge, MA 02139 - ISBN 0-911379-00-2
3. Book; elementary Statistical Quality Control – author Irving W. Burr, 1979 – publisher Marcel Dekker, Inc, New York NY 10016 – ISBN 0-8247-6686-5
4. Book, cerlox binding; *Statistical Process Control* – printed by Sperry circa 1984 – references book by W. Edward Deming.
5. Book, cerlox binding; *Statistical Process Control, Implementation Guide* – printed by Sperry circa 198x –
6. 3 ring Binder; *Quality Circles Training Program, Leader Teaching Guide* – printed by Sperry circa 198x –
7. Booklet, AE 8, ring binding; *Quality Circles Training Program, Leader Manual* – printed in 1983 by Sperry Corporation, Princeton, NJ
8. Booklet, AE 10, ring binding; *Quality Circles Training Program, Member Manual* – printed in 1983 by Sperry Corporation, Princeton, NJ
9. Pamphlet UE-9231; *What Should You Know About Quality Circles?* – printed by Sperry circa 1980
10. Pamphlet, #96S108050; *How important it is to Listen!* – printed by Sperry in 1980
11. Pamphlet, #97S108050; *Your personal listening profile* – printed by Sperry in 1980 –
12. Report booklet, PX4949; *A Precision Plotting System*, FSD Engineering Symposium paper, Oct. 1968 – printed by UNIVAC Federal Systems division, St. Paul, MN
13. Phone Book; *Net<sup>2</sup> Employee Telephone Directory* – printed by UNISYS, March 1988.
14. Manila folder w/3 papers; *ERA 1102 Computer, Development Background* – author Warren P. Burrell, 2/94 – printed by UNISYS Communications Dept., St. Paul, MN - AND the invite to Warren to participate in the AEDC (Arnold Engineering Development Center) open house which would exhibit an 1102 computer in the Mitchell Museum - AND a description of the AEDC printed by the Air Force Material Command, circa 1993.
15. Folder w/paper; *30 Year Anniversary* – Principal author Quinten Heckert, 2010 – printed by the VIP Club.
16. Folder w/directories; VIP Club rosters from 2004, 2006, 2007, 2008, 2012, and 2014.
17. Red binder: *next generation Defense Computer Packaging*, January 1966 – printed by Product Design & Engineering, Defense Systems Division, St. Paul, Minn. by R. C. Phillips, group Manager
18. UP-8978: Sperry Univac Series 1100 Cache/Disk system, 1981 printed by Sperry Corporation
19. Booklet: *History and Evolution of 1100/2200 Mainframe Technology* by Richard Petschauer November 8, 1990 – presented at the USE Inc. fall conference – printed by Unisys Corporation
20. UP-8599 Rev. 1: *Operator Reference for 1100/80 Systems* January 1982 –
21. UP-9796: Sperry Universal Terminal System 30 Systems Description, printed 1983 by Sperry Corporation
22. S6792 R3: *the Sperry UTS 4000 Family*, printed May 1983 by Sperry Corporation-

## Established in 1980

23. S7394 pocket folder: Contains UTS 30 Terminals information circa 1983
24. GS5408: *The Architecture of Sperry UNIVAC 1100 Series Systems*, reprint from the 6<sup>th</sup> Annual International Symposium on Computer Architecture, April 23-25, 1979.
25. U7265R1: *Sperry Series 1100 Sales Information Manual*, circa 1980 – Printed by Sperry –
26. U6912R1: Sperry Univac Semiconductor Storage Family Information Guide, circa 1980 – printed by Sperry Univac
27. GS-3560 Rev. 1: *Evolution of the Sperry Univac 1100 Series* by Borgerson, Hanson, and Hartley. Reprinted from the Association for Computing Machinery, Inc Volume 21, Number 1, January 1978.
28. Orange file folder: *Unisys Corporation Organization Charts*, February 1, 1988 issued by Unisys Policy and Procedures – This starts with Chairman and Chief Executive Officer W. M. Blumenthal.
29. UNIVAC Roseville Development Center Organization Structure, November 19, 1973, printed by Sperry UNIVAC –
30. Booklet, cerlox binding: *Managers' Handbook of Operating Practices*, March 1, 1967, printed by UNIVAC, Data Processing Division, Roseville.
31. UNISYS Interoffice Memorandum: *Mainframe Installed Base, 2/27/89* – This shows 13,338 mainframes throughout the world!
32. News briefs, May/June 1986, A Publication of Sperry Corporation – Wind shear, NAVMACS, AND Wasa articles.
33. 8000900: *Advanced Air Battle Planner* printed 1991 by Unisys Corporation –
34. 8000920: ***Desert Victory, A Triumph of Command, Control, Communications and Intelligence***, printed June, 1991 by Unisys Defense Systems, Inc –
35. Performance, Issue One 1990: Printed by UNISYS Defense Systems – See article about Minehunter during the Persian Gulf conflicts including the electronic systems.

## Box #2 to the Charles Babbage Institute

1. Book: *UNIVAC PRODUCTS, 1947 - 1959* – printed by Remington Rand Univac.
2. Book, cerlox binding: *UNIVAC PRODUCTS, Volume II – 1961 & 1962* – printed by Sperry Univac
3. Book, cerlox binding PX 1325: *Tactical Air Control System, AN/TSQ-13* – printed by Remington Rand Univac, circa 1958.
4. Book, ring binding: *A Description of the 314L System*, 1 May 1958 – TACS systems integration engineering and management services – printed by Remington Rand Univac. NOTE that this includes some transparencies and negatives.
5. Drawing 108239: *Equipment Layout & Equipments* [Editor's note: I think that the misspelled word should have been Requirements} (TACS SYSTEM) signed 2/5/57 for project 5249 – Remington Rand Univac
6. Flyer PA-2-64: *Roseville Operations* – printed by Sperry UNIVAC
7. Flyer C-107: *Roseville Operations* – printed by Sperry UNIVAC

8. Manuscript, Chapter V: *Remington Rand UNIVAC's role in the NTDS Development* – circa 1963 [This may have been the input to Capt. Boslaugh's book] {It includes BUSHIPS 5430.600 SUP – 1. Plus, bio information sheets for Charles C. Cram, Frank Dallezotte, Robert Goss, Charles Harsh, Alan Hatch, Charles Manning, Evert McCown, Robert Paul McManus, Walter P Mitchel, Glen Nye, Carl Schaniel, Myles Sheehy, Beverly Spilmer, Hubert Wolff, Seymour Cray, James Thornton, Dolan Toth, George Chapin Jr., Robert Coon, Robert Fischer, Carl Glewwe, Arnold Hendrickson, Vernon Leas, Herman Osofsky, Chuck Pence, and Sidney Rubens.
9. Booklet, S6795R2: *UTS 4000 Family, Slide Script* – printed by Sperry
10. Booklet, GS9297R1: *Series 1100 Announcement, Sperry System 1100/70* – printed by Sperry
11. Book, cerlox binding: *Fall 1984 USE-SUAE Conference Notes* – printed by Sperry Corporation
12. Letter: *Clearance of technical papers* by Herman Lukoff, August 12, 1976 – Sperry Univac communications
13. Letter: You're hired – Remington Rand Univac to Curtis Christensen, July 12, 1956
14. Sheet: *A Brief History of Sperry Corporation*, circa 1985.
15. Sheet: *An interview with Capt. E. C. Svendsen*, (ret. USN), Naval Tactical Data System – come time in the 60s
16. Sheet: *Military Computer Genealogy*, from TRANSTEC II to the 1230 mTc – circa 1968
17. Sheet: *Navy Computer Genealogy, UNIVAC*, from the AN/USQ-17 to the AN/UYK-8, circa 1967
18. Flyer: *NAVAL TACTICAL DATA SYSTEM, AN/USQ-20 UNIT COMPUTER* – printed by Remington Rand UNIVAC, circa 1960.
19. Letter: *Annual Mathematics Recognition Luncheon*, from Judy Cognetta – April 1982
20. Sheet: *Clock Distribution, 2-19-70* – Logic/electrical design fanout rules.
21. Sheet: 1100 Series System Evolution, 1961 to 1975 -
22. Book, cerlox binding: *Technology Seminar, Major Systems* – printed by Sperry UNIVAC circa 1978
23. Booklet: *Technology Seminar Major Systems Briefing Booklet*, Feb. 1978 printed by Sperry Univac. {has micro bios of Dick Petschauer, Ron Q. Smith, et al' }
24. Flyer U4563 Rev. 1: *UNIVAC 1108 Data Processing System, Configurator* – printed by UNIVAC, Division of Sperry Rand corporation
25. Brochure 1780, blue: *Major Systems Division* – printed by Sperry UNIVAC, circa 1980
26. Report: *Cost/Performance Comparison of UNIVAC 6145, 3760, and C/SP in the 1100 Communication Preprocessor Environment* by R. Coop and C. Speichert, June 6, 1974.
27. Sheet: *Sperry UNIVAC Major Systems Division*, circa 1980
28. Sheet: *Sperry UNIVAC Defense Systems Division* – circa 1980
29. Booklet UP-8225 Rev. 3: *Sperry UNIVAC 1100 Series, Operating System* – circa 1977
30. Specification, SA01657: *Consolidated Logic Documentation Requirements* – 10/25/77
31. School Paper: *UNISYS* by Karen Christensen – circa 1987 – [She evaluates the Burroughs purchase of Sperry]
32. Binder, 3 ring: *Roseville Design Process Workshops* – circa 1980 – printed by Sperry UNIVAC.

## 33. History Papers in a black binding from Curt:

- a. Paper: *The Logistics Computer*, Reprint from IRE Vol 41, No 10, October 1953 – author R. S. Erickson
- b. PX29803: *ERA Shaft-Position Analog-to-Digital Converter*, June 23, 1952 – presented at AIEE 1952 Summer meeting – author G. Lund – printed by ERA, Division of Remington Rand.
- c. PX29710: ERA Magnetic Storage Systems – circa 1952 by ERA, Division of Remington Rand Inc.
- d. PX29694: ERA Pulse Transformers, Type 130A1 – circa 1952 by Engineering Research Associates.
- e. PX29678: *ERA Report boundary-displacement recording* – circa 1952 by ERA, Division of Remington Rand Inc.
- f. PX29536: ERA Shaft-Monitor, Position Indicator Systems, circa 1952 by ERA, Division of Remington Rand Inc.
- g. PX29481: *Engineering and Research, the KEY to a future*. Circa 1951, Engineering Research Associates, Inc.
- h. Paper: *Design Features of the ERA 1101 Computer* by F.C. Mullaney, presented at the joint AIEE-IRE conference December 1951 – printed by Engineering Research Associates, Inc.
- i. Paper, transcript: *Design Features of a Magnetic Drum Information Storage System* presented at the Association for Computing Machinery Conference March 28/29, 1950 by J. L. Hill – printed by Engineering Research Associates, Remington Rand Inc.

## 34. Pocket of Newsletters - from Art Charlton and Curt Christensen.

- a. UNIVAC Field Engineering Department NEWSLETTER Vol 4, #2, April 1963. {See the Eastern Airlines Story}
- b. Newsletter, Public Affairs: *Probst named President of Sperry Rand UNIVAC Division*, 9 August 1971 – printed by Sperry Rand UNIVAC
- c. Sperry Rand UNIVAC news Vol 1, #2, February 29, 1972. {See 'Ray Pleasant to Seek State Legislature' article, Ray was an electrical engineer in the Antenna Coupler Design department when Lowell started at UNIVAC in July 1960.}
- d. UNIVAC Newsletter, Public Affairs – December 29, 1972 – UNIVAC Twin Cities Operations
- e. News, Twin Cities Edition Vol 4, #5, June 1975 printed by Sperry UNIVAC. {Page 7 has snapshot of James Kucera meeting with Senator Hubert Humphrey. James (at that time) was President of Explorer Post 545 sponsored by Sperry Univac and the son of Staff Engineer Frank Kucera.}
- f. News, Twin Cities Edition Vol 5, #9, August 1976 printed by Sperry UNIVAC -
- g. USE Inc. newsletter Vol 77, #8, June 1977 –
- h. INSIGHT, November 1978, Sperry Management Newsletter – *Presentation to the Financial Community* by Richard L Gehring.
- i. Sperry Univac twin cities news Vol 7, # 11, December 1978 – {See the ERA Heritage article.}
- j. Sperry Management Newsletter, March 1980 – {See Sperry UNIVAC forms Semiconductor Division article.}
- k. Sperry Univac Twin Cities News, Vol 9, #4, April 1980. {See article Two Thousandth Series 1100 processor produced}
- l. Sperry Univac news Vol 5, @ 2, December 1980
- m. Product Development newsletter, January 16, 1981 – Description of the Roseville Computer Services Facility (CSF)
- n. Sperry Univac sphere Vol 11, #5, May 1981 –



- o. Sperry Univac twin cities news Vol 10, # 6, June 1981 – {See the Elmer Sperry article}
- p. Sperry Quality Circle Newsletter Vol II, No. 2, October 1981
- q. Sperry UNIVAC twin cities News Vol 11, #5, May 1982 –
- r. Sperry Management Newsletter, May 1982 -
- s. Sperry Twin Cities News February 1985 – {See Elmer Sperry article.}
- t. Sperry Twin Cities News April 1986 – {See ERA beginnings article}
- u. Sperry Twin Cities News July 1986 -
- v. Unisys Twin Cities News February/March 1987 –
- w. Unisys Twin Cities News March 1988 –
- x. USE Inc. newsletter, April 1988 -
- y. Unisys Scope Vol 1, No. 3, Nov/Dec 1988 – {See Clear Lake article}
- z. Unisys Profile February 1989 – {See MAPPER article}}
- aa. Unisys Scope Vol 1, No. 5 February 1989 – {See Inventor article}
- bb. Unisys Profile November/December 1989 –
- cc. Unisys Scope Vol 2, No. 3, November/December 1989 – {See Clear Lake facility ground breaking.}
- dd. Unisys Scope Vol 2, No. 4, January/February 1990 – {See MACS showcase article}
- ee. Unisys Profile February 1990 –
- ff. Unisys Scope Vol 2, No. 5, March 1990 –
- gg. UNISYS INFO Vol 5 #1 March 1990 – {See Dewaine Osman article re' Timeplex}
- hh. Unisys Scope Vol 3, No. 3, January/February 1991 – {See article about Roseville Printed Circuit facility}
- ii. Unisys Profile February 1992 – {See Paramax 'name' articles}
- jj. Paramax Twin Cities March 1993 – {See ARTS article}

*End of the Babbage Institute donations listing*

*End of this Legacy Paper.*