UBC Information Technology (IT) fonds

Compiled by Vincent Ouellette (1986)

Last revised January 2019

*** Institutional records -- researcher access subject to review ***

University of British Columbia Archives
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- **Catalogue entry** (UBC Library catalogue)
Fonds Description

UBC Information Technology (IT) fonds. - 1954-1996.
8.59m of textual records.
70 photographs.
Cartographic material.

Administrative History

In the autumn of 1955, President Norman Mackenzie appointed a Committee on Automation to investigate "the University’s total interest in computers and automation in general". The Committee consisted of approximately 20 members representing most of the research interests on campus and was chaired by E.D. McPhee. At the Committee’s first meeting on November 16, 1955, four sub-committees were formed: Departmental Interests and Specifications; Training and Curriculum: Type Equipment; and Library Needs and Resources. The Committee held several meetings and prepared a number of reports on various facets of computerization.

The University of British Columbia Computing Centre was established in the spring of 1957 with the installation of the ALWWAC III-E. Because of the ever-increasing demand for memory and speed, the Computing Centre eventually replaced the ALWAC with the IBM 1620 in 1961. The IBM 7040 was introduced in 1964 and IBM 360/67 and IBM 7044 was introduced in 1967. Over the years the Centre has continually upgraded its facilities to provide academic and administrative computing services to the University.

In the 1990’s, the Computing Centre went through many major changes both structurally and functionally. In 1994 it became part of a new division known as University Computing & Communications (C&C). C&C initially had four main branches under it known as University Computing Services, Telecommunication Services, Media Services (later ImPress), and UBC Press. In 1995 Information Systems Management was absorbed by C&C. In 1999 Computing & Communications became Information Technology Services (IT Services). In 2003, C&C Information Technology Services was restructured and, after removing two units that did not fit its mission, became UBC Information Technology “IT.” In 2010 several major administrative IT groups were amalgamated under UBC IT. As of 2018, the department service offerings range from IT-related strategy, applications, infrastructure, to support services.

The department has had several heads since its inception. The title for the head of the department over the years has evolved from Supervisor, to Director, to Associate Vice-President. Occasionally, the head of the department has also been the Chief Information Officer of the University. This is currently the situation for the current President, Jennifer Burns (2015 – ). Previous individuals holding the top leadership position

Acting heads during sabbaticals have included S. Werner “Vern” Dettwiler (Acting Head 1963-1965) and Dr. Richard Spencer (Acting Head 2007-2008). The, Carol J. Bird, and Jim Tom. Carol was Assistant Director was Carol J. Bird from (1980 to 1990. She was later) Associate Director of Academic Services (1990-1993) and Director of Information Systems Management (1993-1995). Jim Tom was Director of Telecommunications (1992 to 1999), Director of Networks (1999 to 2004), and Director of e-Learning & Telestudios (2004).

Scope and Content

The fonds consists of records that document the origins and establishment of the UBC Computing Centre as well as financial, technical, organizational, and administrative records through the time it was known as Computing Services and University Computing & Communications. It includes the CIPS Sous-fonds, and twelve series: Early Computing Centre Series; Pre-1969 Series; 1969-1978 Series; Systems Hardware Operations Committee Series (SHOC); Software Committee Series; Manuals and Technical Information Series; UBC Computing Centre Newsletter Series; 1979-1989 Alphabetical Series; 1973-1996 Chronological Series; UBC Computing Centre Documentation Series 1965-1991; Jim Tom’s Office Series 1986-1997, Miscellaneous Series 1972-1996; and Photograph Series.

Notes

Fonds consists of institutional records – access requests must be reviewed by the University’s FOIPOP Coordinator.

File list available.

Formerly known as the Computing Centre fonds.

Title based on the contents of the fonds.

Last two items in Box 24 were donated by Ed Chow in 2015. The newsletters in Box 30 were acquired from Jenifer Monger at Rensselaer Polytechnic Institute in New York. The remainder were acquired from the Computing Centre and UBC IT in various accruals.
Sous-fonds Description

18.5cm of textual records.

The Canadian Information Processing Society is a national organization that has individual sections in major cities throughout the country. Each section has its own executive and elected members. CIPS' mission is to define and foster the IT profession, to encourage and support the IT practitioner, and to advance the theory and practice of IT, while safeguarding the public interest. Prior to 1965, CIPS was known as The Computing and Data Processing Society of Canada. The name was changed to The Computer Society of Canada. By 1968, The name had been officially changed to CIPS. J.M. Kennedy, the director of the Computing Centre at UBC from 1966 to 1979, was the president of CIPS from 1971 to 1972. The sous-fonds also includes materials related to the Northwest CIPS 1978 Conference, apparently collected by Jack Leigh, of the UBC Computing Centre, as well as proceedings from the North West ‘78 Conference.

The sous-fonds consists of constitutional amendments, board meetings, executive meeting file and correspondence made or received by CIPS, and some miscellaneous records that were created prior to the name changes. However, the majority of records originated from the time that Kennedy was the president of CIPS.
Series Descriptions

**Early Computing Centre Series. - 1954-1979.**
80cm of textual records.
25 photographs.

The series consists of records that document the origins and establishment of the UBC Computing Centre. Most of the records, however, document the historical evolution of the administration and the operation of the Centre between the time of its opening and 1970. It includes information from the Automation Committee and material on the installation of the Centre's first computer, the ALWAC III-E.

Arrangement is based on the reconstruction of a file guide that was found among the records.

**Pre-1969 Series. - 1957-1963.**
15cm of textual records.

The series consists of various records that were created before 1969. It includes Computing Centre Committee Meeting Minutes, a Computing Centre Report, Budget Records, and a Progress Report.

1.90m of textual records.

The series consists of records pertaining to budgeting, committees, minutes of meetings, policies, major projects, and the Computing Centre’s relationship with IBM. Subseries are: Correspondence, Financial, Internal Affairs, University Affairs, Committees, Academic Bodies, and Standing Committees. The Academic Bodies Subseries is comprised only of records of the Computer Science Department.

This series was previously arranged into the existing subseries by the Computing Centre as part of its filing system.

**Systems Hardware Operations Committee (SHOC) Series. - 1972-1989.**
30cm of textual records.

The series consists of minutes of SHOC meetings. Files from prior to 1975 contain more detail and various attachments.

**Software Committee Series. - 1978-1984.**
20cm of textual records.
The series consists of minutes of Software Committee meetings. Files prior to 1981 are detailed and contain various attachments.

**Manuals and Technical Information Series.** - [1957-1980].
16cm of textual records.

The series consists of manuals and other technical information that has been important for reference and use in the Computing Centre. This includes a manual for the IBM 7040/7044, CAI PLANIT, PLANIT Language Reference Manual, IBM 1620 information, MTS Accounting, and information about the 360/67, WATFOR and WATFIV software systems.

14cm of textual records.

The series consists of newsletters created by the Computing Centre that provide important information and major issues germane to the Computing Centre and its users at the time of publication. This series is not representative of all years between 1968 and 1992.

1.11m of textual records.

The series consists of reports, budgets, minutes of committee meetings, technical information, and other administrative and operational records of the computing centre. These records were apparently made or received by Jack L. Leigh who became the Director of the Computing Centre in 1987.

Arrangement of this series is roughly alphabetical and based on two partial file lists found within the records.

89.5cm of textual records and cartographic material.

The series consists of reports, budgets, minutes of committee meetings, technical information and other administrative and operational records of the computing centre. These records were made or received by Jack L. Leigh who became the Director of the Computing Centre in 1987. This series of records appears to be a continuation of the previous series; however, it is a separate series by virtue of its arrangement.

Arrangement of this series is chronological.

1.95 m of textual records.
The series consists of documents produced by the UBC Computing Centre. The series includes a number of guides produced by the UBC Computing Centre from 1972-1990 which offer both a keyword index and a bibliography of the documents produced by the UBC Computing Centre. The series also includes a number of technical notes that amended the documentation produced by the UBC Computing Centre.

Arrangement of this series begins with UBC Computing Centre Documentation Guides and is subsequently alphabetically arranged. The arrangement was reconstructed by the filing system established by the UBC Computing Centre.

**Miscellaneous Series** - 1972-1996.
46.6cm of textual records.

The series consists mainly of miscellaneous reports, projects, minutes, course support documents and manuals used or produced by the UBC Computing Centre. It includes subject files collected or retained by Jack Leigh.

Arrangement of this series follows the subject arrangement created or implemented by Jack Leigh of the UBC Computing Centre.

**Jim Tom’s Office Chronological Series.** 1986 -1997
33cm of textual records

The series consists of reports, budgets, minutes of committee meetings, technical information, and other administrative and operational records of the computing centre. These records were apparently made, received, and used by Jim Tom who was the Director of Telecommunications (1992 to 1999), Networks (1999 to 2004), and e-Learning & Telestudios (2004).

**Photograph Series.** - [n.d.]
45 b&w photographs of various sizes.

The series consists of various photographs of the Computing Centre and related individuals. The majority of photographs are situated in the Computing Centre; however, some depict individuals outdoors. In addition to individuals and the Centre itself, some photographs are of computers, printers, processors, and other equipment. These photographs appear to have been used in a display because several of them have been cropped.
# File List

## BOX 1

### EARLY COMPUTING CENTRE SERIES

<table>
<thead>
<tr>
<th>File Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>File Guide (1959)</td>
</tr>
<tr>
<td>1-2</td>
<td>A.C.M. (Association for Computing Machinery) - Correspondence (1957-1977), 9 items.</td>
</tr>
<tr>
<td>1-3</td>
<td>Acknowledgements - Correspondence, copies of theses, etc. (1958-1960), 3 items. Correspondence, notes</td>
</tr>
<tr>
<td>1-4</td>
<td>ALWAC Corporation - Contracts (1958, n.d.), 5 items. Contracts, invoices</td>
</tr>
<tr>
<td>1-5</td>
<td>ALWAC Corporation - Correspondence (1956-1961, n.d.), 1.75 cm</td>
</tr>
<tr>
<td>1-6</td>
<td>ALWAC Corporation - Flexowriters (1957-1958, n.d.), 13 items. Correspondence</td>
</tr>
<tr>
<td>1-7</td>
<td>ALWAC Corporation - High-speed Reader (1957-1960), 19 items. Correspondence</td>
</tr>
<tr>
<td>1-10</td>
<td>ALWAC Owners - ADB (Sweden) plus Autostatik (1957-1961), .25 cm. Correspondence.</td>
</tr>
<tr>
<td>1-11</td>
<td>ALWAC Owners - Oregon State College (Lonseth, Dubinsky) (1957-1962), 1.5 cm. Correspondence.</td>
</tr>
<tr>
<td>1-12</td>
<td>ALWAC Owners - User's Association (1957-1962, n.d.), 1.5 cm. Correspondence, newsletters.</td>
</tr>
<tr>
<td>1-14/15</td>
<td>Automation Committee - Correspondence, recommendations, etc. (1955-1957, n.d.), 3 cm.</td>
</tr>
<tr>
<td>1-17</td>
<td>Budget - Estimates (1955-1976), 1.25 cm.</td>
</tr>
</tbody>
</table>

## BOX 2

<table>
<thead>
<tr>
<th>File Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1</td>
<td>Building and Grounds (195901968), .25 cm. Correspondence, estimate forms.</td>
</tr>
<tr>
<td>2-2</td>
<td>Computing and data Processing Society of Canada (1957-1960, n.d.), .5 cm. Correspondence, minutes.</td>
</tr>
<tr>
<td>2-3</td>
<td>Computing Centre Committee (1959-1964), .5 cm. Minutes</td>
</tr>
<tr>
<td>2-6</td>
<td>Courses (1958-1978, n.d.), .5 cm. Lists of students, announcements, lectures.</td>
</tr>
</tbody>
</table>
2-7 Demonstrations (n.d.), 1 item. Computing Centre tour.
2-8 Grants (1960-1965), .25 cm. Correspondence, forms.
2-9 IBM (1) (1976/77), 1.75 cm. Brochures
2-10 IBM (2) (1968-1971), 1.5 cm. Papers
2-12 Monthly Reports (1958-1964, n.d.), .5 cm.
2-13 Monthly Reports - Summaries (1958/59), 2 items.

BOX 3

3-1/6 Monthly Reports - Daily Logs (1957-1962), 14 cm.

BOX 4

4-1/5 Monthly Reports - Daily Schedules (1957-1960), 14 cm.

BOX 5

5-1 Monthly Reports - Computer reservations and uses (1957), 1.5 cm.
5-2/5 Monthly Reports - Distribution of machine time 91959-1960), 3 cm.
5-7 Non-University Clientele - Fisheries Research Board - Technological Station [UBC Campus] (1960), 2 items.
5-8 Non-University Clientele - A.B. Sanderson and Co. Ltd. (1957-1959), 13 items. Correspondence, accounts.
5-9 Non-University Clientele - Surveys and Mapping Branch [Prov. Gov’t] (1957/58), 5 items. Correspondence
5-10 Non-University Clientele - Underhill and Underhill (1958/59), 9 items. Correspondence
5-11 Personnel - Appointment Notices (1957-1963), .5 cm.
5-12 Personnel - Correspondence 91957-1969, n.d.), .5 cm.
5-13 Photographs (n.d.), 25 items.
5-15 S.I.A.M. (Science and Industry Advance with Mathematics) - Correspondence (1957), 3 items.
5-16 Start of the Computer Science Department (1966-1968), .25 cm. Correspondence, reports.
5-17 Statistical Centre for the Social Sciences (project) (1963/64), 4 items. Reports, correspondence.

BOX 6

6-1 ALWAC Sub-routines specifications (1957-1960), 5.5 cm.

BOX 7

1969-1978 SERIES

A. Correspondence

7-1 A.2 Correspondence IBM 1960-1963.
7-3 A.2a IBM 1974-1975.
7-5 IBM/UBC Meetings 1972-1974.
7-6 IBM Monthly Meeting File [1974].
7-7 A.2a IBM Minutes of Monthly Meetings 1974-1975.
7-12.1 Correspondence Canuet 1974.
7-15.1 A.7 Canuet - Prior to August 1971.
7-15.3 A.7a Canuet - Minutes of Steering Committee 1971-1972.
7-15.4 A.7b Canuet Correspondence 1971-1972.

C. Financial

7-20 C.3 NRC - Block Grant 1969-1970.
7-21 C.3 NRC - Block Grant 1970-1971.
7-26 C.5 IBM Contracts 1974-1975.
7-27 C.6 Budgets Previous Years 1965-?
7-28 1977 Budget
7-30 C.6 Contracts IBM 1977-78.

BOX 8

D. Computing Centre Internal Affairs

8-5 Senior Staff Meetings 1970.
8-6 Senior Staff Meetings 1971.
8-7 Senior Staff Meetings 1972.
8-8 Senior Staff Meetings 1972-1973 (A).
8-9 Senior Staff Meetings 1972-1973 (B).
8-10 Senior Staff Meetings 1972-1973 (C).
8-11 Senior Staff Meetings 1973-1974 (A).
8-12 Senior Staff Meetings 1973-1974 (B).
8-13 Senior Staff Meetings 1973-1974 (C).
8-14 D.3 Senior Staff Meetings 1974-1975.
8-16 Senior Staff Meetings 1977-1978 (B).
8-17 Senior Staff Meetings 1977-1978 (C).
8-18 D.6 Centre Space Priorities 1977-1978.
8-20  D.7 Space Priorities  1974-1975.

BOX 9

E. University Affairs

9-8  Space  1985.
9-13  E.5a Conversion of Hydraulics Laboratory  1971-?
9-17  E.7 Senior Staff Meetings  1969-1970.
9-20  Users Committee  1970.

BOX 10

10-3  E.5 Correspondence Re. CC$  1974-1975.
10-4  E.5 Correspondence Re. CC$  1977-1978.
10-15 Background on CC$ Policy 1978.

F. Committees

10-16 F.1 NRC - Associate Committee on Computers 1969-1970.
10-20 F.7a Advisory Committee - charging for computing services 1970.
10-23 F.15 NRC - Grant Selection committee for Computer Facilities 1969-1970

BOX 11

G. Academic Bodies

11-1 Staff meetings 1969.
11-2 Student - faculty meetings 1969.
11-3 Department of Computer Science 1969-1970.
11-7 G.1 Computer Science Department 1974-1975.
11-8 Computer Science Department 1977-1978.
11-9 G.1a Department Computer Science New Faculty 1974-1975.
11-10 G.1b Department Computer Science Promotions and Tenure 1974-1975.
11-12 G.2a Computer Science Department Minutes 1977-1978.
H. Standing Committees

11-13 NSERC Computer Advisory Committee.
11-16 H.1 Advisory Committee on C.C. 1977-1978.

BOX 12

CANADIAN INFORMATION PROCESSING SOCIETY (CIPS) SOUS FONDS

12-1 Constitutional Amendments.
12-5 Board Meetings 1971-1972.
12-8 Executive Meeting File 1965.
12-9 Correspondence Executive.
12-10 Monthly Publication May 1970.

(continued)

PRE-1969 SERIES

12-12 Computing Centre Committee [members, meetings, correspondence] 1959.
BOX 13

SYSTEMS HARDWARE OPERATIONS COMMITTEE (SHOC) SERIES

13-1  SHOC Meetings  April-June 1972.
13-2  SHOC Meetings  July-Dec 1972 (A).
13-3  SHOC Meetings  July-Dec 1972 (B).
13-6  SHOC Meetings  1975.

(continued)

MANUALS AND TECHNICAL INFORMATION SERIES

13-12 1620 Users Group Newsletter.
13-13 IBM Main Equipment.
13-14 IBM Peripheral Equipment.
13-15 Optical Mark Reader.
13-16 360/67 Printers.
13-17 Search List Instruction.
13-18 PL360 Compiler.
13-19 GIS.
13-21 Software Systems WATFOR and WATFIV.
13-22 MTS Accounting.
13-24 IBM 7040/7044 Manual (B).
13-25 CAI PLANIT.
IBM 1620 - System Configuration
Fortran II Specifications Symbolic Programming System

BOX 14

SOFTWARE COMMITTEE SERIES

14-1 Software Committee Meetings 1978 (A).
14-2 Software Committee Meetings 1978 (B).
14-3 Software Committee Meetings 1979 (A).
14-4 Software Committee Meetings 1979 (B).
14-5 Software Committee Meetings 1979 (C).
14-6 Software Committee Meetings 1980 (A).
14-7 Software Committee Meetings 1980 (B).
14-8 Software Committee Meetings 1981.
14-9 Software Committee Meetings 1982.
14-10 Software Committee Meetings Dec 1982 - Dec 1983.
14-12 Software Committee Meetings 1985-1986.

UBC COMPUTING CENTRE NEWSLETTER SERIES


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BOX 15

1979-1989 ALPHABETICAL SERIES

15-10 Communications from Dec 1/83 1983-1986.

BOX 16

16-1 Development projects 1981.
16-6 History - Computing Centre [1957-1986].
16-12 President's Permanent Committee 1979-1984.
16-14 UNIX [1980-1982].

(Continued)
1973-1996 CHRONOLOGICAL SERIES

17-3 BC Universities Network Feasibility Study  1976.
17-6 IBM Reference Large Scale Computing Contracts and Correspondence  1982-1992 (B).
17-7 IBM Reference Large Scale Computing Contracts and Correspondence  1982-1992 (C).
17-8 IBM Reference Large Scale Computing Contracts and Correspondence  1982-1992 (D).
17-9 Service Improvement Options  1984.
17-12 ISM Plan  1985.
17-13 MVS etc.  1985.

BOX 18

18-16 UCS Five Year Plan 1996.

BOX 19

SYSTEMS HARDWARE OPERATIONS COMMITTEE (SHOC) SERIES (continued)

19-1 SHOC Meetings April-Dec. 1972. [2 folders]

CANADIAN INFORMATION PROCESSING SOCIETY (CIPS) SOUS FONDS
(continued)


1979-1989 ALPHABETICAL SERIES (continued)

19-5 [Partial list of files previously taped to file box from UBC Computing Centre N.D.]
19-10 Minutes – Campus Advisory Board on Computing March 1987-Nov. 1989
19-16 Minutes – President’s Committee March 1985-Jan 1986.

BOX 20

20-6 Telephone Analysis 1989.

UBC COMPUTING CENTRE DOCUMENTATION SERIES

20-7 UBC Documentation - A Guide to Documentation Produced by the UBC Computing Centre 1972-1990. [4 folders]
20-8 DATA CELL - Preliminary Information on Using the Data Cell 1970.
20-9 UBC BMD05R - Polynomial Regression 1971-1978.
20-10 UBC BMD06M - Canonical Analysis 1971-1977.
20-15 UBC BMD11S - Life Tables and Survival Rate 1976.
20-17 UBC BMD01R - Simple Linear Regression 1970-1978.
20-18 UBC BMD02M - Regression on Principal Components 1972-1975.
20-20 UBC BMD05D - General Plot Including Histogram 1971-1977.
20-22 UBC BMDDP9D - Multi-Dimension Data Description 1977.
20-29 UBC CATMNT - Catalogued Tape Mounts 1977.
20-30 UBC CDATE - Character Date 1971.
20-31 UBC CEIGN - Eigenvalues and Eigenvectors of a Complex Matrix 1972
20-33 UBC CG - Preconditioned Conjugate Gradient Solution of Sparse Linear Systems of Equations 1980.

BOX 21

21-1 UBC CHKPAR - FORTRAN Parameter Check Routine 1976.
21-4 UBC CJDATE - Processing of Calendar and Julian Dates 1969.
21-5 UBC CLIP - Clipping of Two and Three-Dimensional Objects 1972-1975.
21-7 UBC COLSQ - Collating-Sequence Routine 1975.
21-10 UBC CORR - Parametric and Non-Parametric Correlations and Tests of Significance 1969.
21-13 UBC CREPLY - Determining if a User is at a Terminal 1973.
21-20 UBC D4 - Distribution 4 Changes to MTS 1978.
UBC DATA - Data Subroutine 1965.
UBC DATE - Date and Time of Day Subroutines 1969.
UBC DBLGS - Double Gaussian Integration 1974.
UBC DEFAULT - Defining MTS Logical I/O Unit Specifications 1972.
UBC DELETE - Deleting Part of an MTS Line File 1970.
UBC DET - Determinant Evaluation 1969.
UBC DUMP 1969.
UBC DUNCAN - Duncan Multiple Range Test 1971-1990.
UBC EDIT - The Line File Editor 1969-1983. [3 folders]
UBC EDLOT - Program to Allow Editing of Plot Files 1972.
UBC EIGAC - Error Bounds for Eigenvalues and Eigenvectors 1969.
UBC EIGENP - Eigenvalues and Eigenvectors of a Real General Matrix 1969.
UBC EVPOWR - Eigenvalues and Eigenvectors for AX=ABX 1971.
UBC EXAM CARD - OMR Multiple Choice Examination Answer Card 1972.
UBC EXAMN - A Program Package for Examining Plot Files at the Adage Graphics Terminal 1975.
UBC FAKEOS - OS - MTS Interface Routine 1972.
UBC FCF - Fourier Curve Fitting with Unequally Spaced Data Points 1970.
UBC FERMI - Fermi Function 1966.
21-58  UBC FILES - A Program to List the Names of Your Private Files  1971.
21-60  UBC FIO - FORTRAN Input/Output with MTS Line Files  1972.
21-62  UBC FITPACK - Curve and Surface Fitting to Splines Under Tension  April 1996.

BOX 22

22-6  UBC FORTRAN - IBM FORTRAN IV (G) Compiler  1970.
22-7  UBC FORTRANVS - Compiling Programs Written in Fortran 77  1984-1986.
22-11  UBC FRISK - Cross-Reference and Relabeling of FORTRAN Programs  1970-1976
22-12  UBC FS - Saving MTS Files  1971.
22-14  UBC FSCON - Tape Conversion: FSave to FS  1971.
22-18  UBC FVALUE - F-Value for a Given Probability in an F or t Distribution  1975.
22-22  UBC MOL10 - The Method of Lines Solution of PDE’s in One Spatial Dimension  1987-1990.
22-27 UBC NETWORK - Network Calls out from and in to MTS  1981-1990.

BOX 23

23-13 UBC PASCAL TIDY - Program to Tidy Pascal Source Code  1983.
23-14 UBC PASVAR - Solution of Boundary Value Problems  1982.
23-19 TN (Technical Note) 1-9; 11-32; 34-40 [missing TN 10 and 33. Note that the Technical Notes were originally arranged in individual folders by the UBC Computing Centre.]  1973-1975.
23-20 TN (Technical Note) 40; 42-56; 58-71 [missing TN 41 and 57. Note that the Technical Notes were originally arranged in individual folders by the UBC Computing Centre.] 1975-1976.

23-21 TN (Technical Note) 72-99 [Note that the Technical Notes were originally arranged in individual folders by the UBC Computing Centre.] 1976-1977.

23-22 TN [Technical Note] 100-125 1977-1979. [Note that the Technical Notes were originally arranged in individual folders by the UBC Computing Centre.]

(continued)

MISCELLANEOUS SERIES


BOX 24

24-2 Reviews of the Computer Centre 1988. [2 folders]
24-3 Mr. Jack Leigh, UBC Nov. 29, 1978.
24-7 British Columbia Systems Corporation binder 1977. [2 folders]
24-8 Materials presented to the Peer Review Committee of the ACM SIGUCCS 1988-1989. [2 folders]
24-9 Senior Staff Meetings 1972. [2 folders]
24-12 University of British Columbia Operations Review. 1978.
(continued)

UBC COMPUTING CENTRE DOCUMENTATION SERIES (continued)

24-15  UBC MTS INTRODUCTION – An Introduction to MTS  August 1979.

BOX 25

25-7  UBC ALGOLQ - Quick Algol  1976.
25-12  UBC ASSIST - The ASSIST Assembler and Interpreter  1976.
25-16  UBC BMD02D - Correlation with Transgeneration  1974.
25-17  UBC BMD02V - Analysis of Variance for Factorial Design  1975.
UBC CNTOUR - Contouring a Grid  1975.
UBC COMPARE - Comparing the Records of Two Data Files or Devices  1978-1980.
UBC CPCAL - Critical Path with Calendar Dating  1976.
UBC DEC - Extended Precision Decimal Arithmetic Subprograms  1977.

26-3 UBC FFT - Faster Fourier Transforms for Real Data  1978.
26-10 UBC FUNCTION - Mathematical (or Special) Functions  1975-1979.
26-14 UBC GPSS/H - GPSS/H Compiler 1982.
26-15 UBC GPSSV - General Purpose Simulation System V 1975.
26-19 UBC HVAR - Bartlett’s Test for Homogeneity of Variance 1974.
26-20 UBC IDENT - Identifying System-Significant Character Strings 1975.
26-22 UBC IFCOURSE - Computer Assisted Instruction Course on IF 1975.

BOX 27

27-7 UBC LOADER - The Dynamic Loader 1976.
27-8 UBC LOGCP - Functions for Logical Bit Manipulation in Fortran G Programs 1977.
27-13 UBC MCSCORE - Multiple Choice Scoring Program 1977.
27-17 UBC MTS INTRODUCTION - An Introduction to MTS 1980.
<table>
<thead>
<tr>
<th>Page</th>
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</thead>
</table>

**BOX 28**

<table>
<thead>
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<tr>
<td>28-1</td>
<td>UBC PLOTSEE - Plot Previewing on Any Terminal or in Batch 1976-1981.</td>
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<tr>
<td>28-3</td>
<td>UBC PROBINVR - Inverse Probability Functions 1971.</td>
</tr>
<tr>
<td>28-21</td>
<td>UBC SPITBOL - The SPITBOL Compiler and Language 1974.</td>
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**BOX 29**

<table>
<thead>
<tr>
<th>Page</th>
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29-6 UBC TEKBASIC - The Tektronic Storage Scope 1977.
29-8 UBC TETRA - Tetrahoric-Correlations 1970.
29-10 UBC TIME & DATE - Time and Date Routines 1973.
29-12 UBC TRANS - Trans 1977.
29-13 UBC TRAP - Program Interrupt Trap 1970.
29-14 UBC TRP - Triangular Regression Package 1977.
29-19 UBC XPAND - Programs to Generate a Grid from a Set of Scattered Data Points 1976.
29-20 TN (Technical Note) 57 1976.

PHOTOGRAPHS

45 b&w photographs of various sizes.

BOX 30

UBC COMPUTING CENTRE NEWSLETTER SERIES (cont.)

30-1 Campus Computing September 1989 - May 1991
- 19 issues, missing February 1991
30-2 Campus Computing June 1991 - October 1992
- 13 issues, missing September 1991
BOX 31

JIM TOM’S OFFICE CHRONOLOGICAL SERIES

31-1 UBC Task force on Computing and Networking Report 1986
31-6 Managing a RAD Project by Roger Burlton 1992 [SRI Technologies]
31-7 OCTel Sensible ISDN Data Applications by Fritz 1992

BOX 32

32-3 UBC Task Force on Integration & Operation of the Student Information System Report 1992 Part 1
32-5 Northcom Telecom Pt 1 – Meridian 1 Capacity Engineering 1993
32-6 Northcom Telecom Pt 2 – ISDN Basic Rate Interface 1993
32-7 UBC DMS Object Modeling Analysis and Design 1994

BOX 33

33-1 UBC Infrastructure Report Draft #1 1995
33-2 UBC Telematics Planning Committee 1995
33-3 UBC Advisory Committee on Information Technology 1995-96
33-5 Gartner Group – ENSC Five-Year Scenario 1997

MISCELLANEOUS SERIES

33-6 Report I&CS Business Functions by Consultant Jeremy Jarvis July 1991 Draft
33-7 MVS Migration Project Proposal 1996 Section A – Appendix J
BOX 34

34-1 MVS Migration Project Proposal 1996 Appendices K – O

CHRONOLOGICAL SERIES