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## Libbey (Waldo M.) Papers, 1933-2001

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## **Professor Libbey (Waldo M.) Papers**

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Raymond H. Fogler Library University Archives

5729 Raymond H. Fogler Library

University of Maine

Orono, ME 04469-5729

URL: <http://www.library.umaine.edu/speccoll>

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## Summary Information

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<b>Repository:</b>	Raymond H. Fogler Library University Archives
<b>Title:</b>	Faculty Records (University Of Maine). Professor Libbey (Waldo M.) Papers
<b>ID:</b>	UA RG 0011.036
<b>Date [inclusive]:</b>	1933-2001
<b>Date [bulk]:</b>	1960-1990
<b>Physical Description:</b>	3 boxes
<b>Language of the Material:</b>	English .

### Preferred Citation

Professor Libbey (Waldo M.) Records, UA RG 0011.036, [Box No.], [Folder No.], Raymond H. Fogler Library Special Collections Department, University of Maine, Orono, Maine.

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## Biographical / Historical

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Waldo McClure Libbey was born in Bangor on July 21, 1922. He received a baccalaureate degree in Electrical Engineering from the University of Maine in 1943. Libbey did graduate work at Harvard University, received a master's degree from the Massachusetts Institute of Technology, and a Ph.D. in Electrical Engineering from the Worcester Polytechnic Institute. He came to the University of Maine in 1943 and was promoted to full professorship in 1959. Libbey retired from the University of Maine with emeritus status in 1990. Libbey also carried out consulting work in the area of acoustics and noise control. The records also include details of the inaugural Institute Of Electrical and Electronics Engineers Student Convention at the University of Maine in 1966 which Libbey was involved in organizing.

During his tenure at the University of Maine Libbey received a number of awards, including being the inaugural winner of the Ashley S. Campbell Award in 1980. Libbey also served on a number of University of Maine committees, including the Faculty Council.

Libbey died aged 86 on January 10, 2009.

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## Scope and Contents

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The records mainly contain textual information created and curated by Waldo M. Libbey, who was a University of Maine engineering professor, but there are also photographs of Libbey and engineering drawings, graphs, and charts.

The record series Biographical Information contains on Libbey's professional and personal life, including profiles, details of appointments and awards, and letters of appreciation.

The record series Teaching, Education & Publication Records contains lecture notes, curriculum information, problems, and examinations from Libbey's time as a student at Bangor High School, University of Maine and the Massachusetts Institute of Technology, but also from his tenure as a engineering professor at the University of Maine. There are also notes from lectures and events Libbey attended, a photograph of Libbey teaching, and copies of publications authored by Libbey and colleagues.

The record series Administrative Records contains copies of citations for the University of Maine's College of Engineering Distinguished Engineering and Science Award, details of work done to improve acoustics in various University buildings by the company Bolt Beranek and Newman, copies of dedications Libbey gave for the Barrow Hall and in honor of former President Arthur A. Hauck. There are also copies of fliers for the University's Electrical Engineering Department.

The record series Correspondence contains letters on a range of subjects, both of a personal and professional nature, including teaching, organizations Libbey was a member of, and consulting jobs.

The record series Consulting Records contains details of specific consulting work Libbey performed in the field of electrical engineering and acoustics, includes: correspondence, reports, and plans.

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## Arrangement

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The Records Group is broken down intellectually into the following record series: 1. Biographical Information, 2. Teaching, Education & Publication Records, 3. Administrative Records, 4. Correspondence, and 5. Consulting Records. Physically the records are arranged by subject. Material was rehoused into archival quality storage.

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## Administrative Information

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### Publication Statement

Raymond H. Fogler Library University Archives

5729 Raymond H. Fogler Library

University of Maine

Orono, ME 04469-5729

URL: <http://www.library.umaine.edu/speccoll>

### Accruals

Accruals from Professor Reynolds are not anticipated because he died in 2009.

### Conditions Governing Access

Kept at Fogler Library's offsite storage facility. One week's notice required for retrieval. Personal identifiable and legally protected information will be redacted before release.

### Conditions Governing Use

Information on literary rights available in the repository.

### Processing Information

Processed by Matthew Revitt, February 2020, Raymond H. Fogler Library Special Collections Department. Processing involved a collection survey and the creation of this finding aid. Material was rehoused into appropriate archival folders and the boxes and folders numbered and titled using information from ArchivesSpace.

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## Controlled Access Headings

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- Electrical engineering -- Study and teaching -- Maine
- Lectures and lecturing -- Maine -- Orono

- Lecture notes
- Examinations
- Syllabi
- Acoustics
- Sound engineers
- Certificates
- Correspondence
- Reports
- University of Maine -- Research grants
- Design drawings
- University of Maine. College of Engineering
- University of Maine. Electrical and Computer Engineering Department

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## Collection Inventory

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### Biographical Information, 1943-2001

Physical Description: 7 Folders

Title/Description	Instances	
Libbey -- Biographical Profile <u>Physical Description</u> : 1 folder	Box 1	Folder 1
Libbey -- UMaine Letters Of Appointment & Emeritus Award Status, 1943 & 1990 <u>Physical Description</u> : 1 folder	Box 3	Folder 10
Libbey -- Recognition And Awards, 1950-2001 <u>Physical Description</u> : 1 folder	Box 3	Folder 11
Libbey -- UMaine General Alumni Association Award - Certificate, June 4, 1994 <u>Physical Description</u> : 1 folder	Box 3	Folder 12
Libbey -- Personal Record, 1944-1985 <u>Physical Description</u> : 1 folder	Box 3	Folder 13
Libbey -- Letters Of Appreciation From Former Students And Colleagues, 1990 <u>Physical Description</u> : 1 folder	Box 3	Folder 20
Libbey -- Copy Of UMaine College Of Engineering Publication "Maine Engineering", 2002 <u>Physical Description</u> : 1 folder	Box 3	Folder 21

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**Teaching, Education & Publication Records, 1933-1993**Physical Description: 68 Folders

<b>Title/Description</b>	<b>Instances</b>	
Libbey -- Bangor High School & UMaine Drawings & Reports, 1933-1944 <u>Physical Description</u> : 1 folder	Box 1	Folder 2
Libbey -- Applied Science 26a - Acoustics - Problems, 1946 <u>Physical Description</u> : 1 folder	Box 1	Folder 3
Libbey -- Physics 2 - Physical Optics Experiments - Reports, 1946 <u>Physical Description</u> : 1 folder	Box 1	Folder 4
Libbey -- Applied Science 22a - Transmission Lines - Problems, 1946 <u>Physical Description</u> : 1 folder	Box 1	Folder 5
Libbey -- Vector Analysis MS 58 - Solutions To Problems In "Vector Analysis" By Phillips <u>Physical Description</u> : 1 folder	Box 1	Folder 6
Libbey -- Microwave Circuits 6.621 - Problems And Solutions, 1949 <u>Physical Description</u> : 1 folder	Box 1	Folder 7
Libbey -- Transients In Linear Systems 6.581 - Problems And Solutions, 1946-1965 <u>Physical Description</u> : 1 folder	Box 1	Folder 8
Libbey -- Principles Of Electrical Com 6.322 - Problems And Solutions, 1948 <u>Physical Description</u> : 1 folder	Box 1	Folder 9
Libbey -- Network Theory Advanced 6.561 - Problems And Solutions , 1948-1949 <u>Physical Description</u> : 1 folder	Box 1	Folder 10
Libbey -- Transients In Linear Systems 6.582 - Problems, 1950 & 1954 <u>Physical Description</u> : 1 folder	Box 1	Folder 11
Libbey -- Switching Circuits 6.569 - Notes, 1953-1954 <u>Physical Description</u> : 1 folder	Box 1	Folder 12
Libbey -- Vector Analysis 6322 - Course Material <u>Physical Description</u> : 1 folder	Box 1	Folder 13
Libbey -- The 'V' Type Antenna For Television Reception - S.M. Thesis , January, 1951	Box 1	Folder 14



Professor Libbey (Waldo M.) Papers

<u>Physical Description:</u> 1 folder		
Libbey -- Characteristics Of Sound Perception Applied To Broadcasting Techniques - Electrical Engineering Seminar - Paper, September 1949	Box 1	Folder 15
<u>Physical Description:</u> 1 folder		
Libbey -- Synthesis Of Driving Point And Transfer Impedance And Admittance Functions 6.562 & Electrical Engineering 241 September 1949 - Notes, 1949	Box 1	Folder 16
<u>Physical Description:</u> 1 folder		
Libbey -- Mathematical Problems Of Communication Theory M689, 1954	Box 1	Folder 17
<u>Physical Description:</u> 1 folder		
Libbey -- Applied Science 26a - Acoustics & Physics 2 - Physical Optics - Lecture Notes	Box 1	Ledger 1
<u>Physical Description:</u> 1 ledger		
Libbey -- Applied Science 22a - Transmission Lines - Lecture Notes	Box 1	Ledger 2
<u>Physical Description:</u> 1 ledger		
Libbey -- Vector Analysis MS 59, Engineer's Math & Solid State MS 57 & Engineering Math & Differential EGM MS 58 - Lecture Notes, 1946	Box 1	Ledger 3
<u>Physical Description:</u> 1 ledger		
Libbey -- Electronic Circuit Theory 6.633, Transients In Linear Systems 6.581, Principles Of Electrical Communications 6.322, Microwave Circuits 6.621, And Network Theory Advanced 6.561 - Lecture Notes	Box 1	Ledger 4
<u>Physical Description:</u> 1 ledger		
Libbey -- Advanced Network Theory 6.562 & Transition In Linear Systems 6.582 - Lecture Notes	Box 1	Ledger 5
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 197 & Noise Reduction 6.695 - Lecture Notes	Box 1	Ledger 6
<u>Physical Description:</u> 1 ledger		
Libbey -- Switching Circuits 6.569 & Stochastic Models 6.54s - Lecture Notes	Box 1	Ledger 7
<u>Physical Description:</u> 1 ledger		
Libbey -- Mathematical Problems Of Communication Theory M689 - Lecture Notes	Box 1	Ledger 8
<u>Physical Description:</u> 1 ledger		
Libbey -- Acoustics 6.69s - Lecture Notes	Box 1	Ledger 9

Professor Libbey (Waldo M.) Papers

<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 523 - Computer - Problem Solutions & Exams, 1962	Box 2	Folder 1
<u>Physical Description:</u> 1 folder		
Libbey -- Communication Theory EE 533 - Problems	Box 2	Folder 2
<u>Physical Description:</u> 1 folder		
Libbey -- Non-Linear Analysis - Problems	Box 2	Folder 3
<u>Physical Description:</u> 1 folder		
Libbey -- Frequency Modulation Applied To The Negative-Resistance Oscillator - Paper, August 1954	Box 2	Folder 4
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 503 - Problem Solutions And Exams, 1963	Box 2	Folder 5
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 511 - Problem Solutions From "Hayt" , 1962	Box 2	Folder 6
<u>Physical Description:</u> 1 folder		
Libbey -- Electro-Magnets Theory - Problem Solutions And Exams, 1966?	Box 2	Folder 7
<u>Physical Description:</u> 1 folder		
Libbey -- Introduction To Information Theory - Reza, 1966	Box 2	Folder 8
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 531, 1966	Box 2	Folder 9
<u>Physical Description:</u> 1 folder		
Libbey -- Probability MA 462 - Problems Solved	Box 2	Folder 10
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 561 - Solid State Problems	Box 2	Folder 11
<u>Physical Description:</u> 1 folder		
Libbey -- Physics 511 - Classical Mechanics, 1963-1965	Box 2	Folder 12
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 31 - Elements Of Communication - Syllabus For Accreditation, Spring 1976	Box 2	Folder 13a
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 31 - Elements Of Communication - Lecture Notes, 1952-1993	Box 2	Folder 13b
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 31 - Elements Of Communication - Lecture Notes & Portion Of Course, 1953-1977	Box 2	Folder 13c

Professor Libbey (Waldo M.) Papers

<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 31 - Elements Of Communication - Lecture Notes , 1955-1980	Box 2	Folder 13d
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 82 - Transmission Lines, Waveguides, And Radiation - Lecture Notes, 1957-1960	Box 2	Folder 14
<u>Physical Description:</u> 1 folder		
Libbey -- Photograph Of Libbey, May 1958	Box 2	Folder 15
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 150 - Electro-Magnetic Theory (Waves) - Lecture Notes & Solutions, 1977	Box 2	Folder 16
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 436 - Electro-Acoustics - Syllabus, Lecture Notes, Problems & Student Comments, 1952-1989	Box 2	Folder 17a
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 436 - Electro-Acoustics - Prelims & Final Examinations, 1952-1988	Box 2	Folder 17b
<u>Physical Description:</u> 1 folder		
Libbey -- Underwater Sound, Urban And Transportation Noise & Noise And Vibration Control - Lecture Notes, 1973-1975	Box 2	Ledger 1
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 523, 31 & 172 - Lecture Notes	Box 2	Ledger 2
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 533 - Communication Theory & Analysis Of Non-Linear Systems 601 - Lecture Notes	Box 2	Ledger 3
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 503 - Advanced Network Theory (Synthesis) & 241 - Lecture Notes	Box 2	Ledger 4
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 511 - Electro-Magnetic Theory, Information Theory EE 531 & Semiconductors 564 - Lecture Notes	Box 2	Ledger 5
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 595 - Introduction To Biomedical Engineering - Lecture Notes	Box 2	Ledger 6
<u>Physical Description:</u> 1 ledger		
Libbey -- Probability MA 462 - Lecture Notes	Box 2	Ledger 7

Professor Libbey (Waldo M.) Papers

<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 561 - Fundamentals Of Solid State & Physics 511 - Introduction To Theoretical Physics Dynamics - Lecture Notes	Box 2	Ledger 8
<u>Physical Description:</u> 1 ledger		
Libbey -- Electrical Engineering 437 - Environmental Noise Control - Syllabus & Lecture Notes , 1965-1988	Box 3	Folder 1a
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 437 - Environmental Noise Control - Lecture Notes, Problems & Preliminaries , 1970-1988	Box 3	Folder 1b
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 437 - Environmental Noise Control - Final Examinations, 1980-1989	Box 3	Folder 1c
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 240 & 241 - Communication Networks - Lecture Notes, 1957?	Box 3	Folder 2
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 296 - Transportation And Urban Noise - Course Schedules, Lecture Notes & Final Examination With Solution, 1957	Box 3	Folder 3a
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 296 - Transportation And Urban Noise - Lecture Notes & Articles, 1966-1972	Box 3	Folder 3b
<u>Physical Description:</u> 1 folder		
Libbey -- Electrical Engineering 298E - Active Network Synthesis - Problem Solutions & Lecture Notes, 1967	Box 3	Folder 4
<u>Physical Description:</u> 1 folder		
Libbey -- Occupational Hearing Loss & Noise Measurement - Lecture Notes & Supporting Material, 1969-1990	Box 3	Folder 5a
<u>Physical Description:</u> 1 folder		
Libbey -- Occupational Hearing Loss Lecture	Box 3	Folder 5b
<u>Physical Description:</u> 1 folder		
Libbey -- Institute Of Electrical And Electronics Engineers Student Convention, 1966	Box 3	Folder 7
<u>Physical Description:</u> 1 folder		
Libbey -- "Radio Engineering" - Manuscript & Correspondence, 1951-1956	Box 3	Folder 8
<u>Physical Description:</u> 1 folder		
Libbey -- Cited Publications By Libbey, 1969 & 1973	Box 3	Folder 9

Physical Description: 1 folder

Libbey -- "A Preliminary Study of Sound About And Within The Human Body" - NASA Grant Report, 1963	Box 3	Folder 19
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Physical Description: 1 folder

Libbey -- Noise Abatement Engineering Study, 1978	Box 3	Folder 22
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Physical Description: 1 folder

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## Administrative Records, 1964-1995

Physical Description: 5 Folders

Title/Description	Instances	
Libbey -- UMaine College Of Engineering Distinguished Engineering And Science Award - Citations, 1985-1995 <u>Physical Description</u> : 1 folder	Box 3	Folder 6
Libbey -- Bolt Beranek And Newman & Acoustics At UMaine , 1978-1986 <u>Physical Description</u> : 1 folder	Box 3	Folder 14
Libbey -- Barrow Hall Dedication, June 6, 1964 <u>Physical Description</u> : 1 folder	Box 3	Folder 15
Libbey -- Tribute To President Hauck <u>Physical Description</u> : 1 folder	Box 3	Folder 16
Libbey -- UMaine Electrical Engineering Fliers <u>Physical Description</u> : 1 folder	Box 3	Folder 18

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## Correspondence, 1947-1997

Physical Description: 2 Folders

Title/Description	Instances	
Libbey -- Correspondence, 1947-1971 <u>Physical Description</u> : 1 folder	Box 3	Folder 17a
Libbey -- Correspondence, 1972-1997 <u>Physical Description</u> : 1 folder	Box 3	Folder 17b

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## Consulting Records, 1964-1988

Physical Description: 22 Folders

<b>Title/Description</b>	<b>Instances</b>	
Libbey -- Consulting Jobs - Williams Construction Company, 1978-1980 <u>Physical Description</u> : 1 folder	Box 3	Folder 23a
Libbey -- Consulting Jobs - Leen And Emery, 1983-1985 <u>Physical Description</u> : 1 folder	Box 3	Folder 23b
Libbey -- Consulting Jobs - Crawford vs. Maine Equipment, 1982-1985 <u>Physical Description</u> : 1 folder	Box 3	Folder 23c
Libbey -- Consulting Jobs - Aubert Noise Problem, 1969-1976 <u>Physical Description</u> : 1 folder	Box 3	Folder 23d
Libbey -- Consulting Jobs - Banton Incorporated, 1980 <u>Physical Description</u> : 1 folder	Box 3	Folder 23e
Libbey -- Consulting Jobs - Twitchell-City Of Brewer, 1964 & 1977 <u>Physical Description</u> : 1 folder	Box 3	Folder 23f
Libbey -- Consulting Jobs - Dexter Regional High School, 1978 <u>Physical Description</u> : 1 folder	Box 3	Folder 23g
Libbey -- Consulting Jobs - James Silsby, Jr. Esq., 1988 <u>Physical Description</u> : 1 folder	Box 3	Folder 23h
Libbey -- Consulting Jobs - Adams Associates, 1980 <u>Physical Description</u> : 1 folder	Box 3	Folder 23i
Libbey -- Consulting Jobs - (Allen) Rodney - Buckfield, Maine, 1976-1978 <u>Physical Description</u> : 1 folder	Box 3	Folder 23j
Libbey -- Consulting Jobs - (Lanouche) Oliver, 1985 <u>Physical Description</u> : 1 folder	Box 3	Folder 23k
Libbey -- Consulting Jobs - Bangor Mental Health Institute, 1983 <u>Physical Description</u> : 1 folder	Box 3	Folder 23l
Libbey -- Consulting Jobs - Kleinschmidt & Dutting, 1984 <u>Physical Description</u> : 1 folder	Box 3	Folder 23m
Libbey -- Consulting Jobs - A.P. Whitaker And Sons, 1976	Box 3	Folder 23o

Professor Libbey (Waldo M.) Papers

Physical Description: 1 folder

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Libbey -- Consulting Jobs - (Bradley) Robert - Boothbay Playhouse	Box 3	Folder 23p
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - Express Energy Services, 1988	Box 3	Folder 23q
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - George Stevens Academy , 1982-1983	Box 3	Folder 23r
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - GHN, Inc., 1977	Box 3	Folder 23s
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - Globe Albany Corporation, 1978	Box 3	Folder 23t
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - H.E. Sargent Inc. , 1976	Box 3	Folder 23u
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - Gates Formed-Fibre Products, 1990	Box 3	Folder 23v
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Physical Description: 1 folder

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Libbey -- Consulting Jobs - Potato Service Inc., 1978-1979	Box 3	Folder 23w
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Physical Description: 1 folder

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